

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101719\
 Data File : BF117438.D
 Acq On : 17 Oct 2019 22:46
 Operator : JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

mohammad
 10/20/2019 8:11:55 PM

Quant Time: Oct 18 05:35:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 14 19:03:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	36733	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	160516	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	84343	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	148739	20.00	ng	0.00
76) Chrysene-d12	13.96	240	128787	20.00	ng	0.00
87) Perylene-d12	15.41	264	129420	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	192974	80.83	ng	0.00
7) Phenol-d6	6.43	99	263721	83.26	ng	0.00
23) Nitrobenzene-d5	7.36	82	260328	82.21	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	60816	88.60	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	470306	81.29	ng	0.00
79) Terphenyl-d14	12.90	244	551304	69.78	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.46	88	40492	41.200	ng	97
3) Pyridine	3.21	79	111767m	44.685	ng	
4) n-Nitrosodimethylamine	3.15	42	37561m	42.615	ng	
6) Aniline	6.46	93	164711	41.625	ng	# 87
8) 2-Chlorophenol	6.58	128	110518	41.638	ng	97
9) Benzaldehyde	6.35	77	70667	47.611	ng	98
10) Phenol	6.45	94	141053	41.247	ng	83
11) bis(2-Chloroethyl)ether	6.53	93	108749	41.827	ng	97
12) 1,3-Dichlorobenzene	6.73	146	123073	41.463	ng	97
13) 1,4-Dichlorobenzene	6.81	146	127395	42.104	ng	96
14) 1,2-Dichlorobenzene	6.96	146	118367	41.417	ng	96
15) Benzyl Alcohol	6.95	79	101763	41.991	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.06	45	114172	41.820	ng	79
17) 2-Methylphenol	7.06	107	90677	40.923	ng	96
18) Hexachloroethane	7.30	117	47547	40.417	ng	93
19) n-Nitroso-di-n-propylamine	7.20	70	83694	41.439	ng	98
20) 3+4-Methylphenols	7.22	107	117293	41.111	ng	94
22) Acetophenone	7.20	105	173485	41.188	ng	95
24) Nitrobenzene	7.37	77	130729	41.213	ng	99
25) Isophorone	7.62	82	237501	42.104	ng	99
26) 2-Nitrophenol	7.70	139	58196	41.351	ng	100
27) 2,4-Dimethylphenol	7.73	122	87039	40.693	ng	97
28) bis(2-Chloroethoxy)methane	7.82	93	142049	40.621	ng	99
29) 2,4-Dichlorophenol	7.95	162	90023	40.790	ng	98
30) 1,2,4-Trichlorobenzene	8.02	180	97353	40.918	ng	99
31) Naphthalene	8.09	128	327648	40.873	ng	99
32) Benzoic acid	7.88	122	47053	34.798	ng	85
33) 4-Chloroaniline	8.15	127	144436	42.427	ng	98
34) Hexachlorobutadiene	8.21	225	56775	41.665	ng	97
35) Caprolactam	8.53	113	30938	44.763	ng	96
36) 4-Chloro-3-methylphenol	8.64	107	105963	42.194	ng	95
37) 2-Methylnaphthalene	8.79	142	223794	41.343	ng	96
38) 1-Methylnaphthalene	8.89	142	209263	41.031	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	91442	40.284	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.94	237	8922	21.048	nq	92
43) 2,4,6-Trichlorophenol	9.07	196	58505	40.726	nq	93
44) 2,4,5-Trichlorophenol	9.13	196	60265	41.128	nq	95
46) 1,1'-Biphenyl	9.25	154	282030	40.931	nq	99
47) 2-Chloronaphthalene	9.27	162	216222	40.255	nq	98
48) 2-Nitroaniline	9.38	65	73538	42.910	nq	96
49) Acenaphthylene	9.69	152	331508	42.101	nq	100
50) Dimethylphthalate	9.55	163	257365	42.488	nq	99
51) 2,6-Dinitrotoluene	9.62	165	54733	42.989	nq	91
52) Acenaphthene	9.86	154	197320	41.240	nq	99
53) 3-Nitroaniline	9.79	138	66295	42.640	nq	91
54) 2,4-Dinitrophenol	9.93	184	18650	36.907	nq	97
55) Dibenzofuran	10.03	168	291132	41.712	nq	98
56) 4-Nitrophenol	9.98	139	22419	35.093	nq	88
57) 2,4-Dinitrotoluene	10.03	165	75597	44.999	nq	96
58) Fluorene	10.37	166	244521	42.075	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	45790	40.422	nq	91
60) Diethylphthalate	10.25	149	269715	44.174	nq	99
61) 4-Chlorophenyl-phenylether	10.36	204	108935	42.338	nq	93
62) 4-Nitroaniline	10.41	138	70527	47.720	nq	99
63) Azobenzene	10.52	77	266637	42.560	nq	98
65) 4,6-Dinitro-2-methylphenol	10.45	198	27280	35.825	nq	97
66) n-Nitrosodiphenylamine	10.49	169	215608	38.803	nq	97
67) 4-Bromophenyl-phenylether	10.85	248	63088	38.671	nq	94
68) Hexachlorobenzene	10.93	284	68018	38.822	nq	# 91
69) Atrazine	11.01	200	43617	48.410	nq	98
70) Pentachlorophenol	11.14	266	17647	33.668	nq	93
71) Phenanthrene	11.34	178	356844	40.585	nq	99
72) Anthracene	11.39	178	369463	40.705	nq	99
73) Carbazole	11.55	167	354132	42.951	nq	98
74) Di-n-butylphthalate	11.87	149	473409	42.403	nq	99
75) Fluoranthene	12.53	202	390700	44.687	nq	98
77) Benzidine	12.65	184	146708	46.059	nq	99
78) Pyrene	12.76	202	401597	35.277	nq	98
80) Butylbenzylphthalate	13.36	149	218080	38.096	nq	96
81) Benzo(a)anthracene	13.95	228	351033	39.725	nq	100
82) 3,3'-Dichlorobenzidine	13.91	252	117927	42.209	nq	99
83) Chrysene	13.99	228	347558	39.884	nq	98
84) Bis(2-ethylhexyl)phthalate	13.92	149	315369	39.073	nq	96
85) Di-n-octyl phthalate	14.53	149	536333	43.647	nq	99
86) Indeno(1,2,3-cd)pyrene	16.87	276	294059	48.260	nq	99
88) Benzo(b)fluoranthene	14.99	252	327663	40.668	nq	98
89) Benzo(k)fluoranthene	15.02	252	289498	36.155	nq	98
90) Benzo(a)pyrene	15.36	252	287279	40.266	nq	99
91) Dibenzo(a,h)anthracene	16.87	278	248246	40.606	nq	98
92) Benzo(g,h,i)perylene	17.30	276	223152	38.346	nq	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

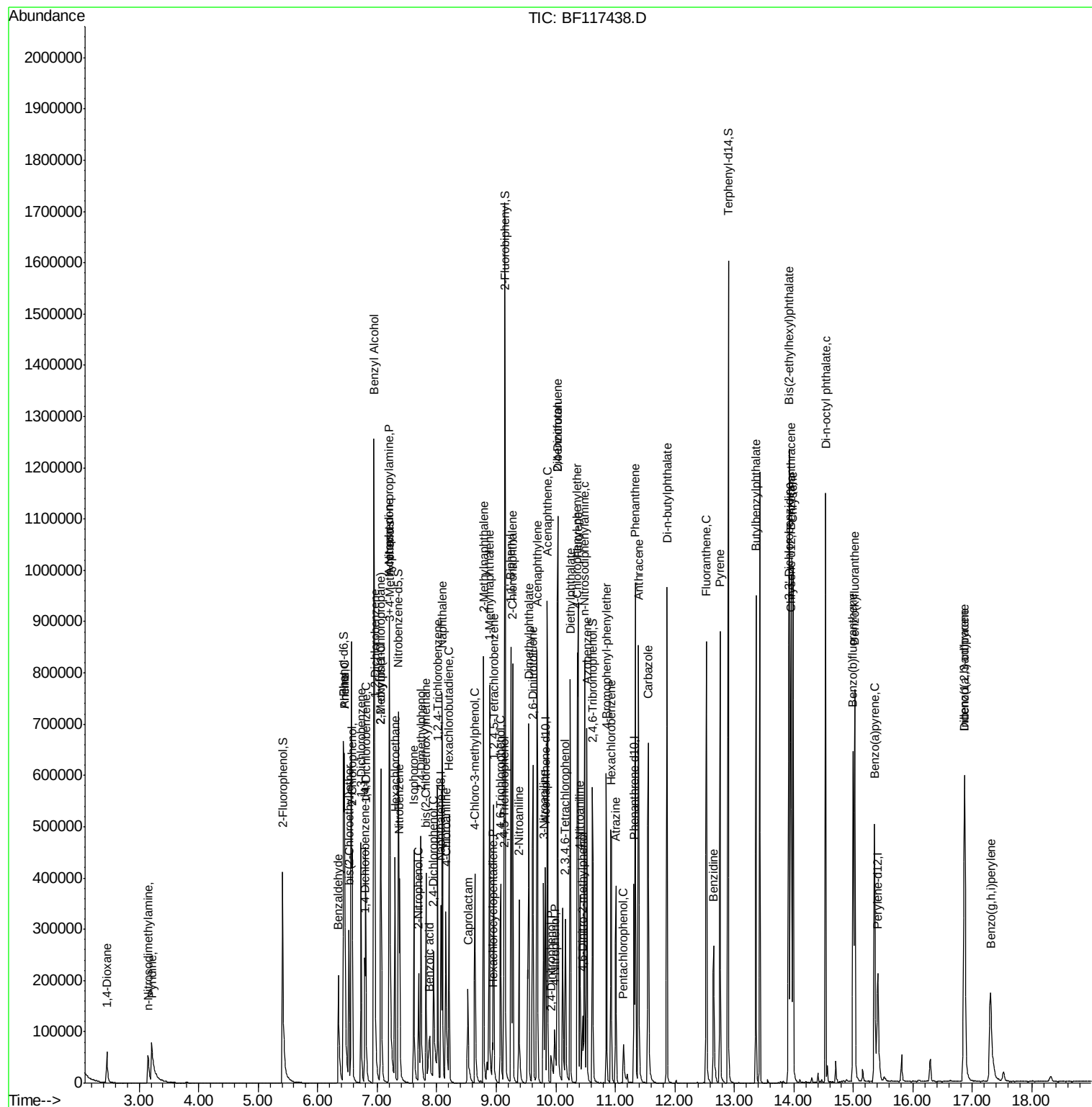
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101719\
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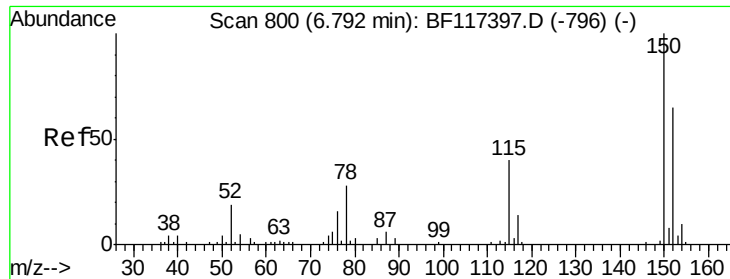
Instrument :
 BNA_F
 ClientSampleID :
 SSTDCCC040EC

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#1

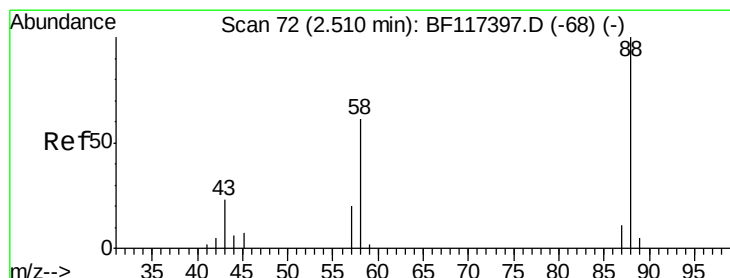
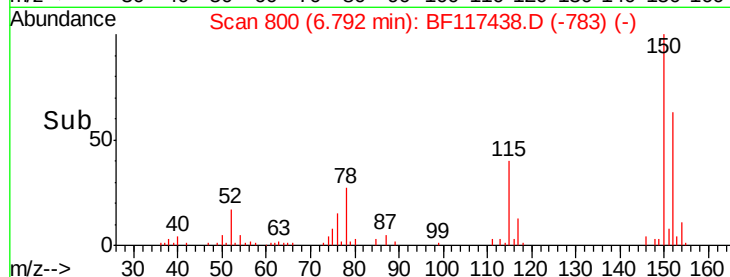
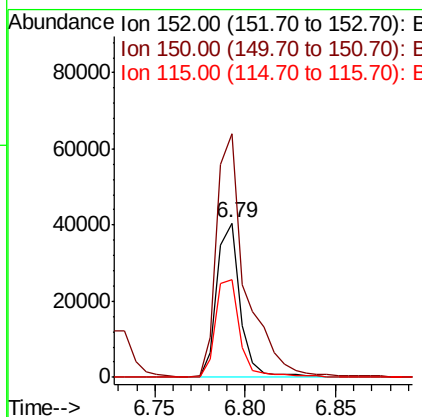
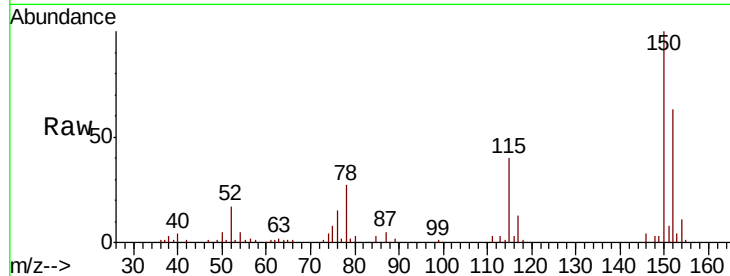
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF117438.D
Acq: 17 Oct 2019 22:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	122.7	184.1
115	63.1	48.6	73.0

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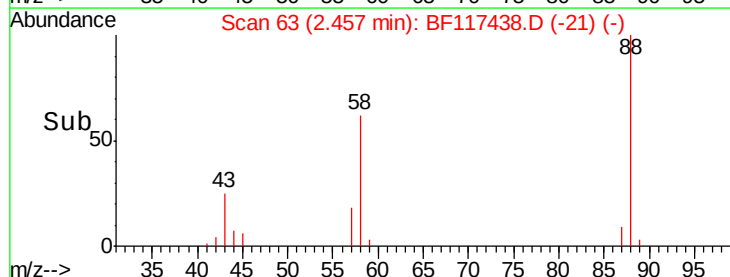
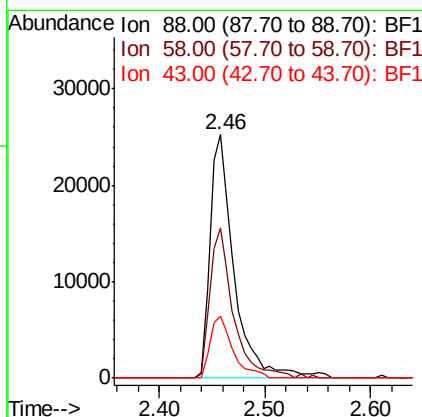
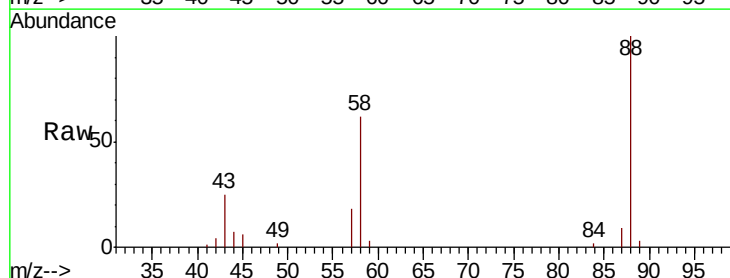
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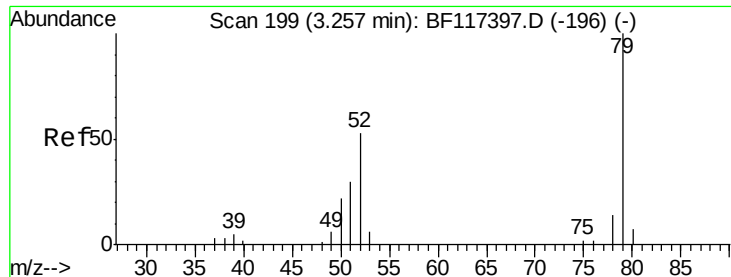


#2

1,4-Dioxane
Concen: 41.200 ng
RT: 2.46 min Scan# 63
Delta R.T. -0.05 min
Lab File: BF117438.D
Acq: 17 Oct 2019 22:46

Tgt Ion	Ratio	Lower	Upper
88	100		
58	59.4	49.4	74.2
43	23.9	18.1	27.1





#3

Pvridine

Concen: 44.685 ng/ml

RT: 3.21 min Scan# 191

Delta R.T. -0.05 min

Lab File: BF117438.D

Acq: 17 Oct 2019 22:46

Instrument :

BNA_F

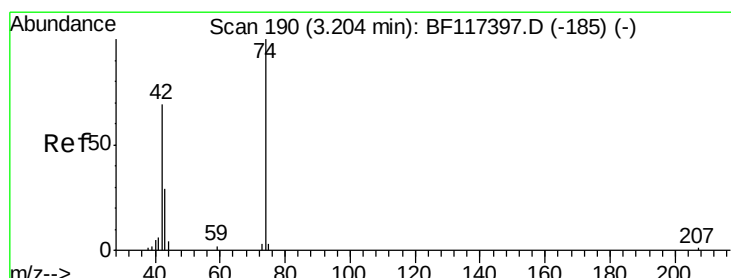
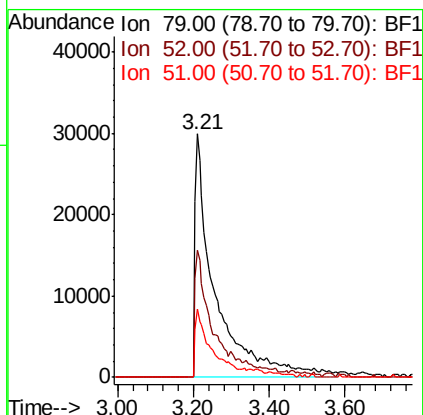
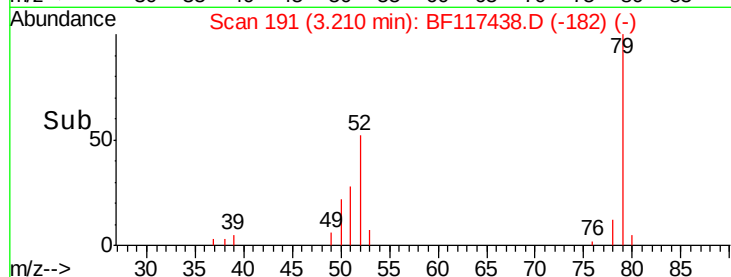
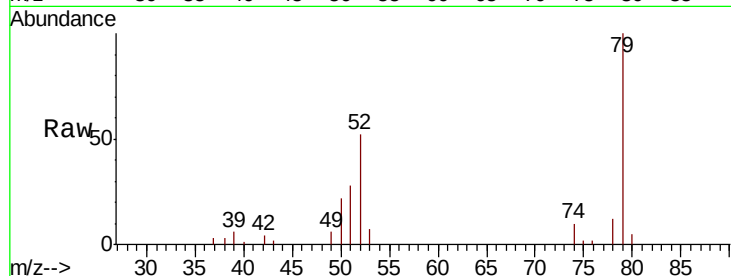
ClientSampleId :

SSTDCCC040EC

Tot Ion:	79	Resp:	111767
Ion	Ratio	Lower	Upper
79	100		
52	52.0	42.7	64.1
51	27.8	23.8	35.8

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#4

n-Nitrosodimethylamine

Concen: 42.615 ng/ml

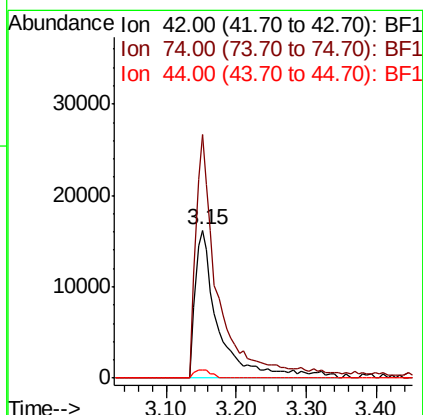
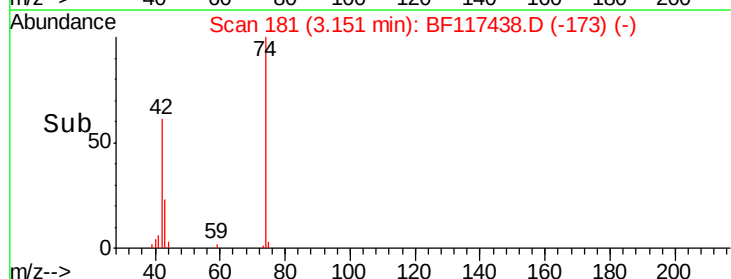
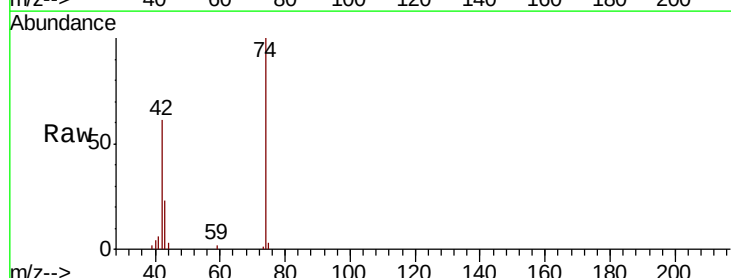
RT: 3.15 min Scan# 181

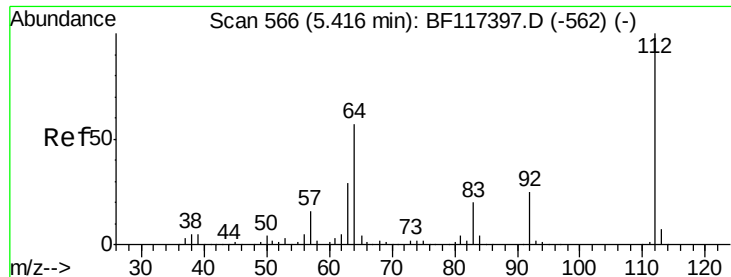
Delta R.T. -0.05 min

Lab File: BF117438.D

Acq: 17 Oct 2019 22:46

Tgt Ion:	42	Resp:	37561
Ion	Ratio	Lower	Upper
42	100		
74	164.4	116.2	174.4
44	5.7	4.2	6.4





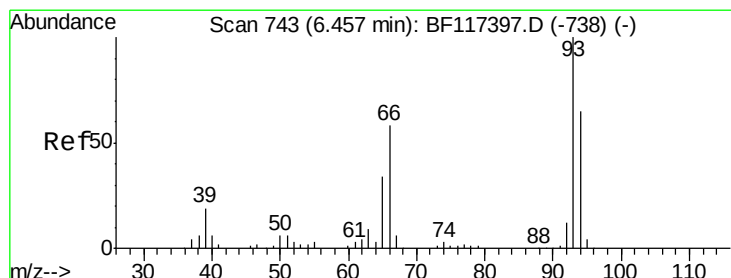
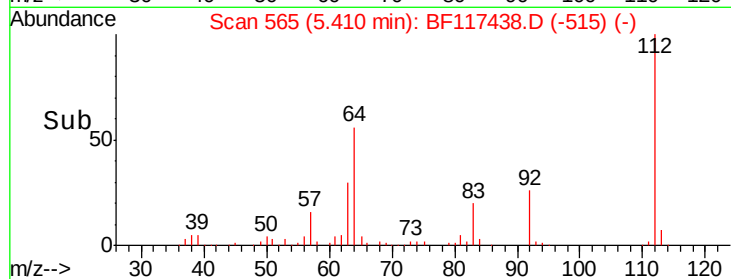
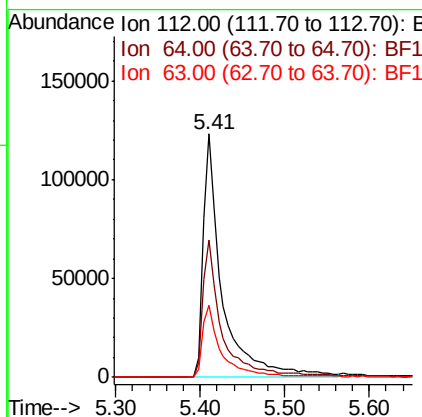
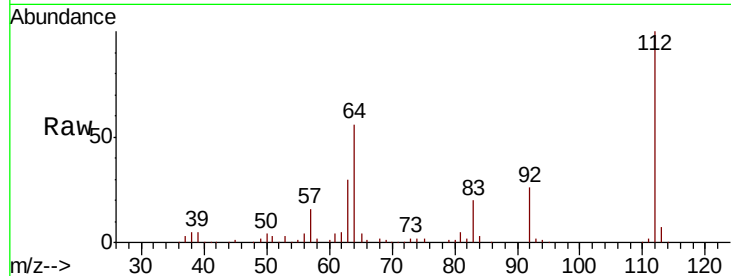
#5
2-Fluorophenol
Concen: 80.831 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF117438.D
Acq: 17 Oct 2019 22:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		192974		
64	56.4	45.2	67.8		
63	29.9	23.4	35.2		

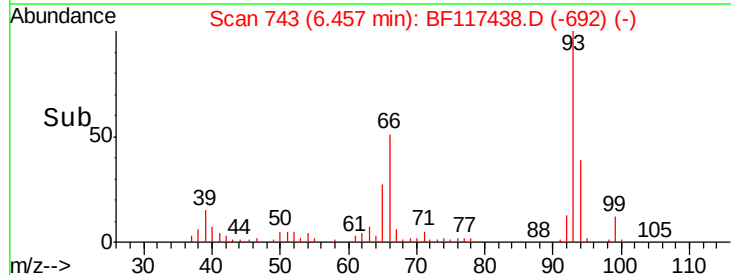
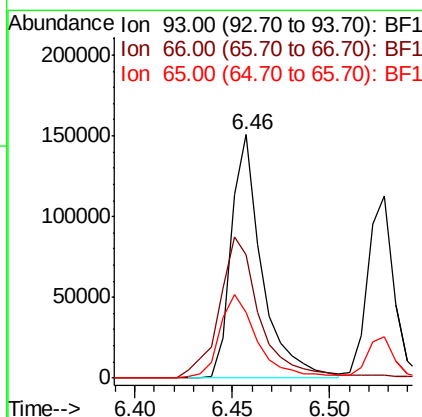
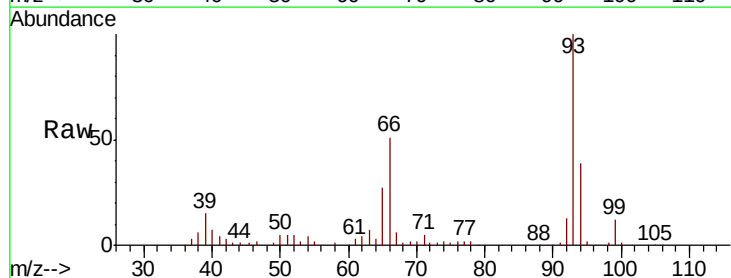
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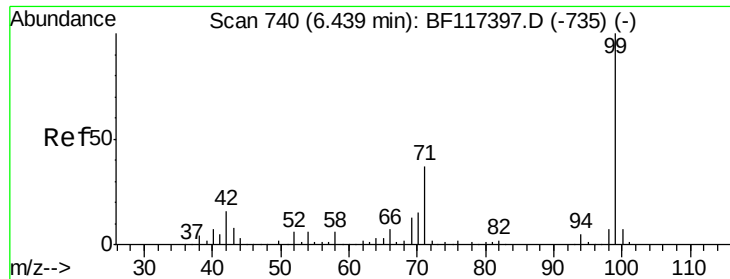
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#6
Aniline
Concen: 41.625 ng
RT: 6.46 min Scan# 743
Delta R.T. 0.00 min
Lab File: BF117438.D
Acq: 17 Oct 2019 22:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		164711		
66	50.8	48.4	72.6		
65	27.1	27.8	41.6#		





#7

Phenol-d6

Concen: 83.256 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF117438.D

Acq: 17 Oct 2019 22:46

Instrument :

BNA_F

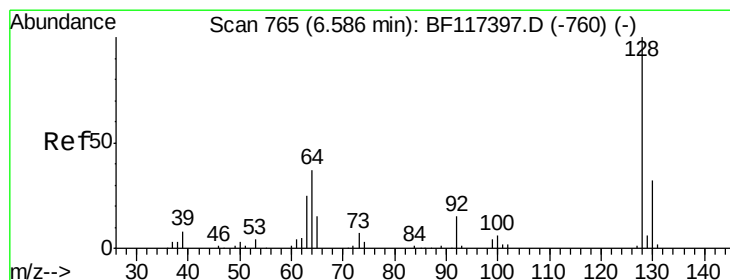
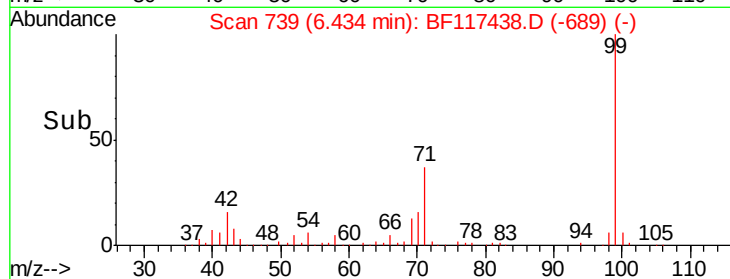
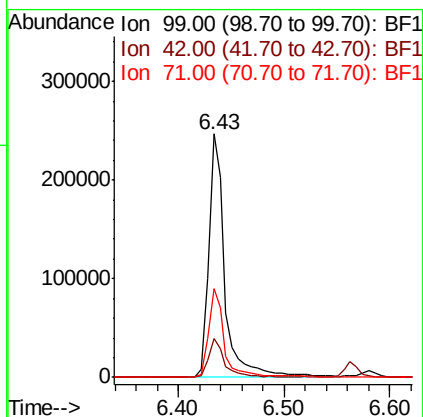
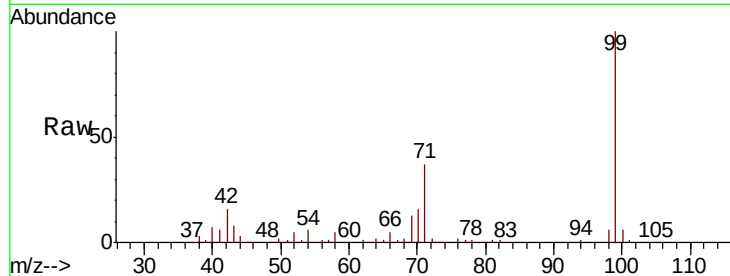
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		263721		
42	15.9	12.5	18.7		
71	36.5	29.2	43.8		

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#8

2-Chlorophenol

Concen: 41.638 ng

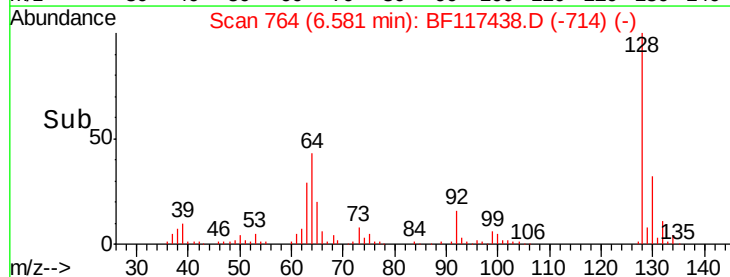
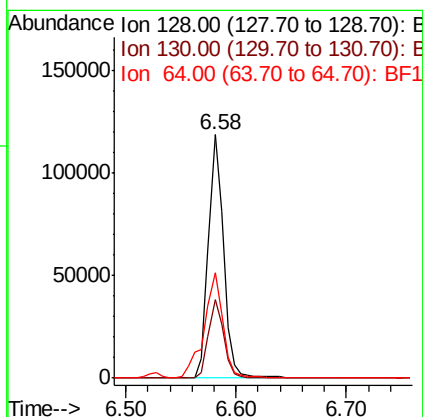
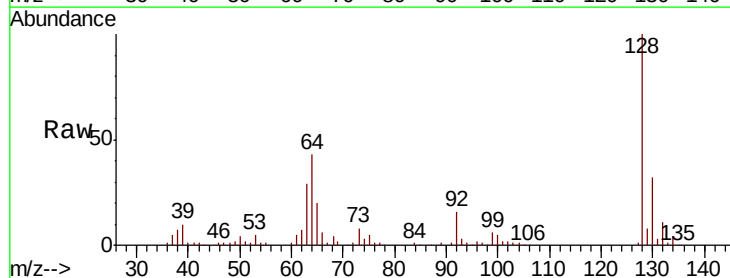
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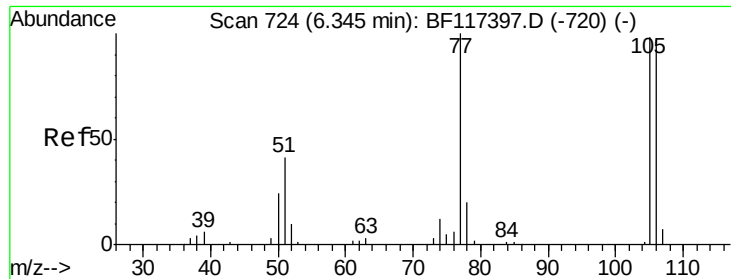
Delta R.T. -0.01 min

Lab File: BF117438.D

Acq: 17 Oct 2019 22:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		110518		
130	32.4	11.7	51.7		
64	43.1	20.4	60.4		





#9

Benzaldehyde

Concen: 47.611 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF117438.D

Acq: 17 Oct 2019 22:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 77 Resp: 70667

Ion Ratio Lower Upper

77 100

105 98.6 77.9 117.9

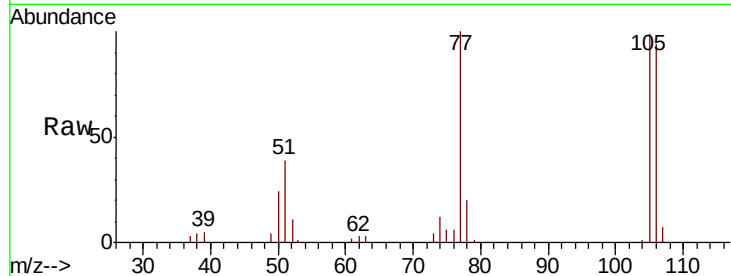
106 93.9 77.2 117.2

Manual Integrations

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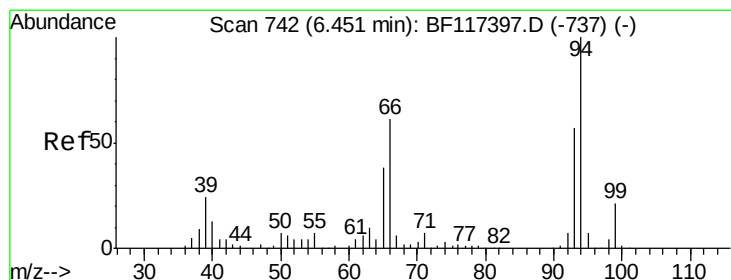
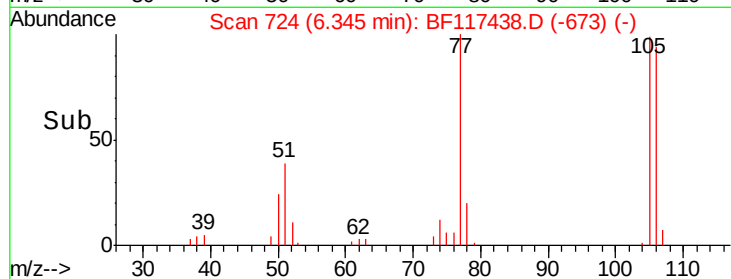
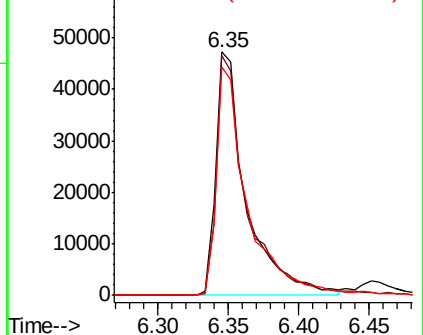
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Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 41.247 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF117438.D

Acq: 17 Oct 2019 22:46

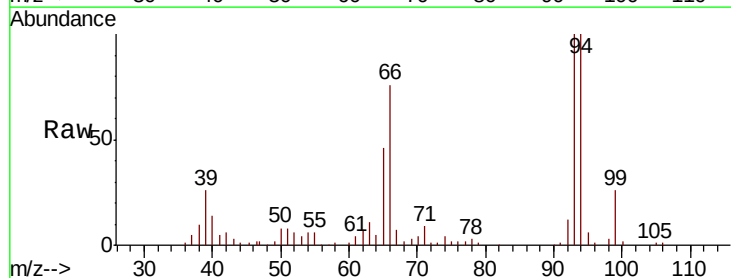
Tgt Ion: 94 Resp: 141053

Ion Ratio Lower Upper

94 100

65 45.5 18.2 58.2

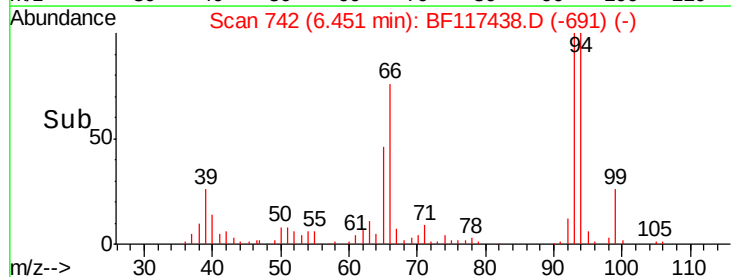
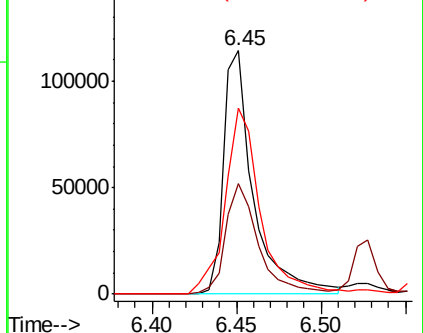
66 76.1 41.1 81.1

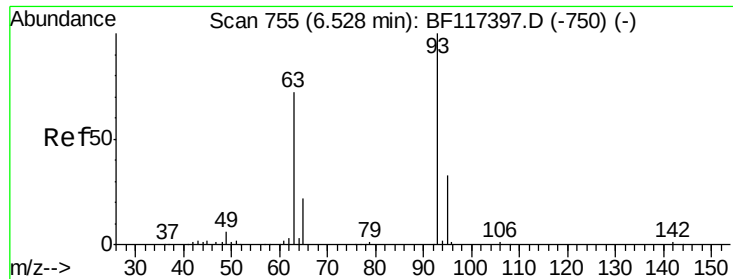


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





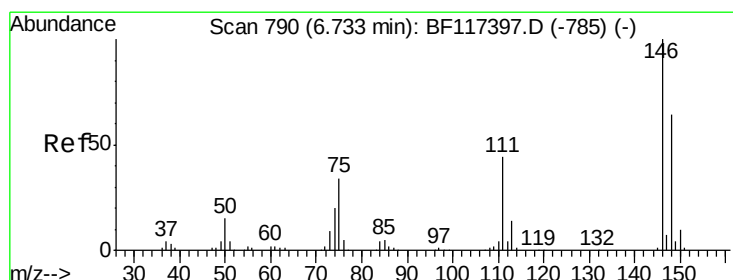
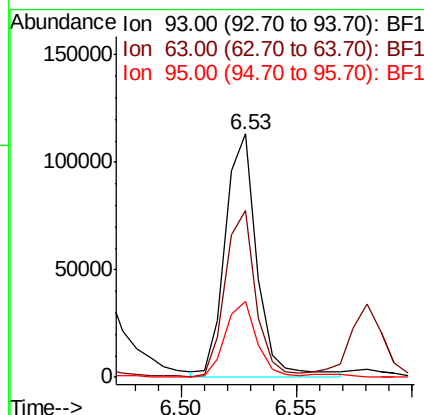
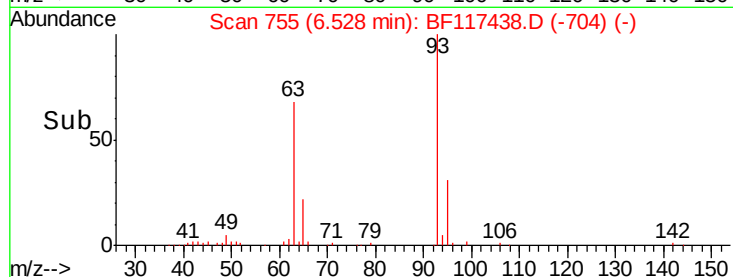
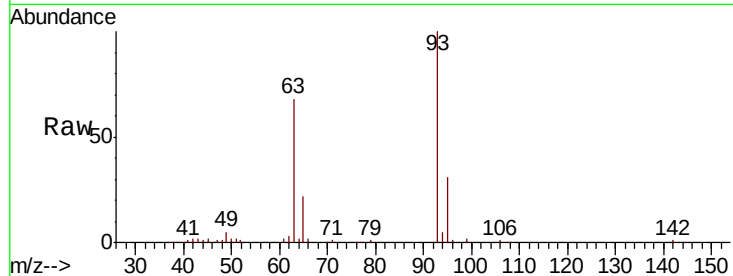
#11
bis(2-Chloroethyl)ether
Concen: 41.827 ng
RT: 6.53 min Scan# 755
Delta R.T. 0.00 min
Lab File: BF117438.D
Acq: 17 Oct 2019 22:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:	93	Resp:	108749
Ion	Ratio	Lower	Upper
93	100		
63	68.3	50.9	90.9
95	31.4	12.4	52.4

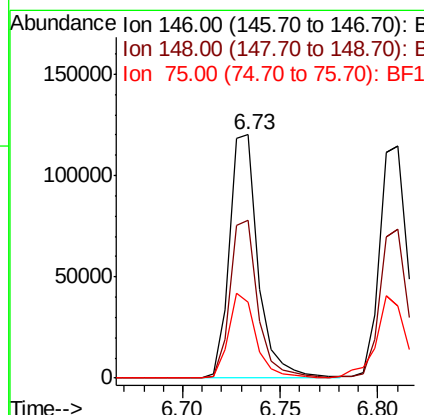
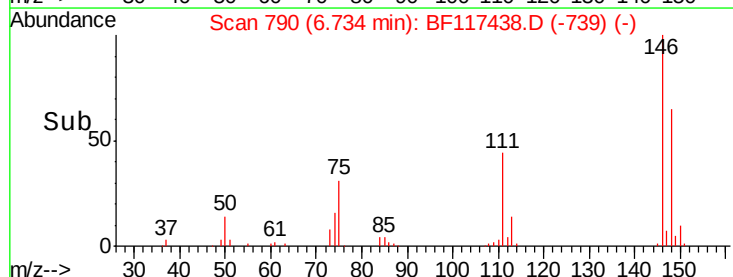
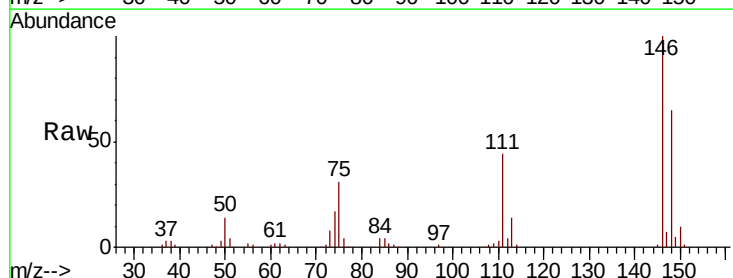
Manual Integrations
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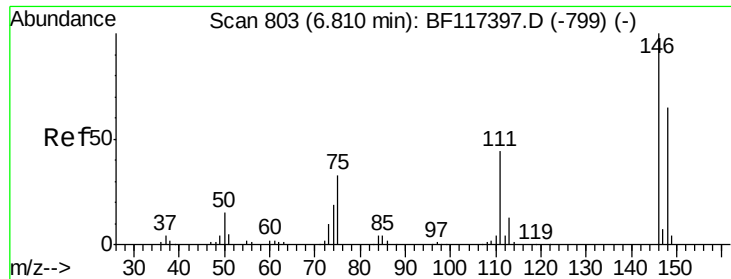
mohammad
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#12
1,3-Dichlorobenzene
Concen: 41.463 ng
RT: 6.73 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF117438.D
Acq: 17 Oct 2019 22:46

Tgt Ion:	146	Resp:	123073
Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.0	76.6
75	31.4	27.4	41.2





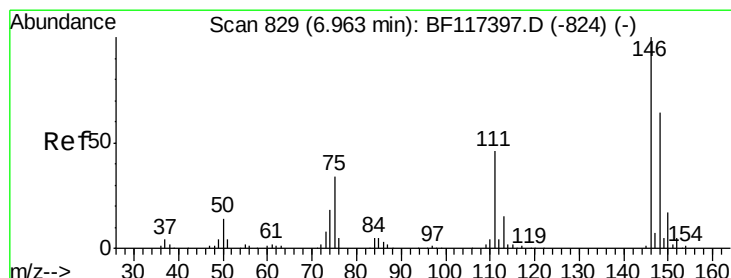
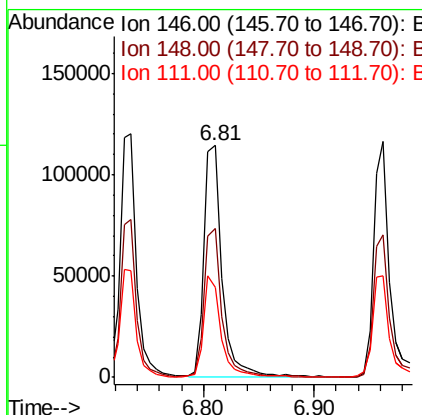
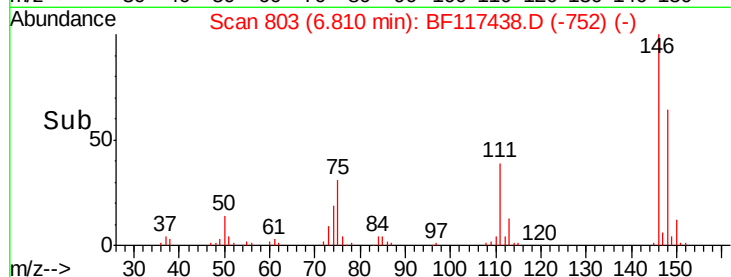
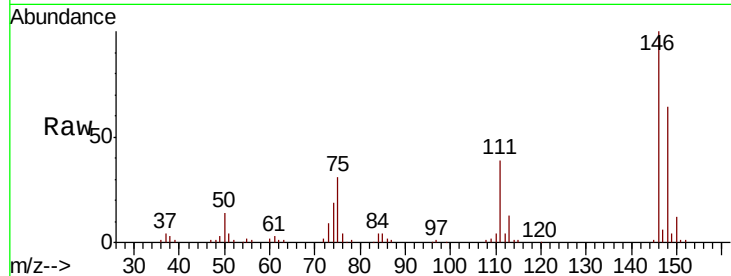
#13
1,4-Dichlorobenzene
Concen: 42.104 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF117438.D
Acq: 17 Oct 2019 22:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.2	52.2	78.2
111	38.9	35.7	53.5

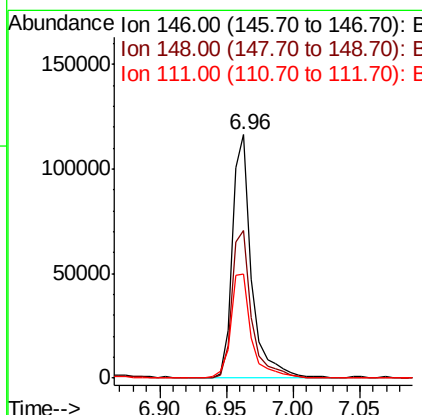
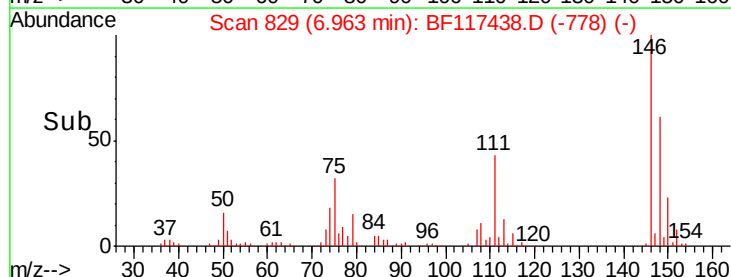
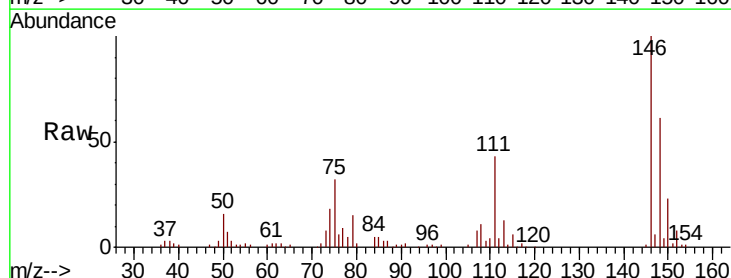
Manual Integrations
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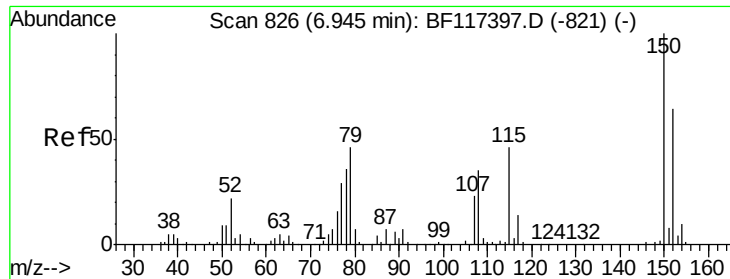
mohammad
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#14
1,2-Dichlorobenzene
Concen: 41.417 ng
RT: 6.96 min Scan# 829
Delta R.T. 0.00 min
Lab File: BF117438.D
Acq: 17 Oct 2019 22:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	60.5	51.0	76.6
111	42.9	36.5	54.7





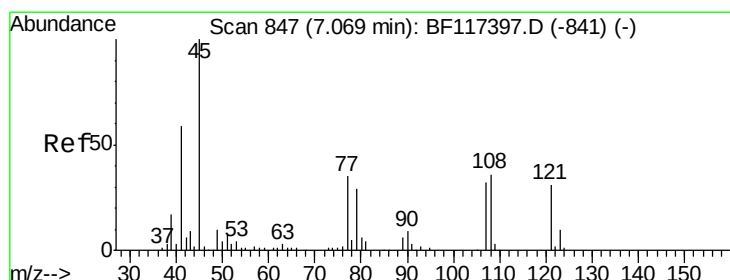
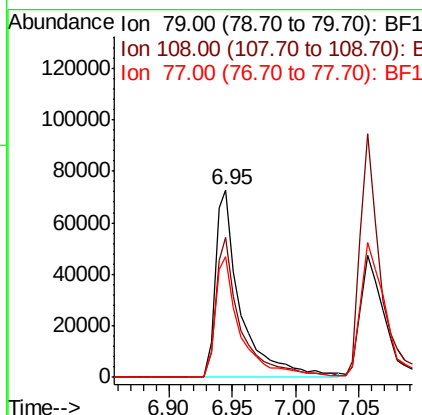
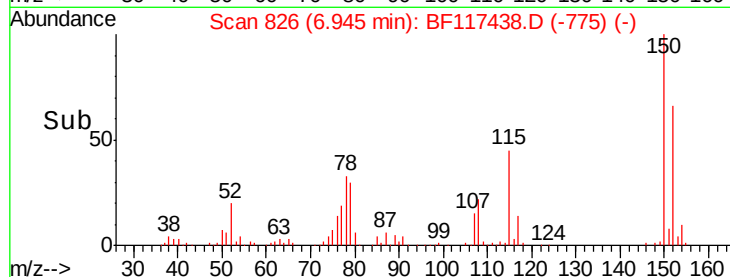
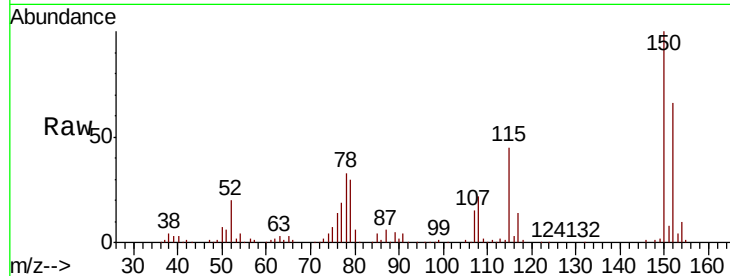
#15
Benzyl Alcohol
Concen: 41.991 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF117438.D
Acq: 17 Oct 2019 22:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
79	100		
108	74.7	60.4	90.6
77	64.3	50.6	76.0

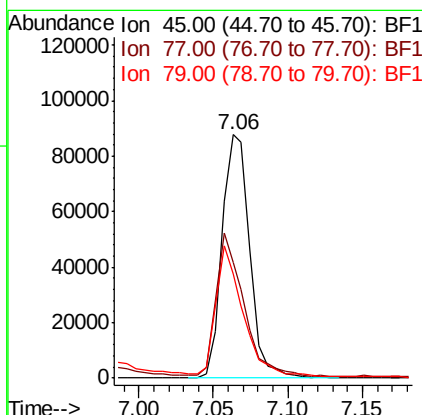
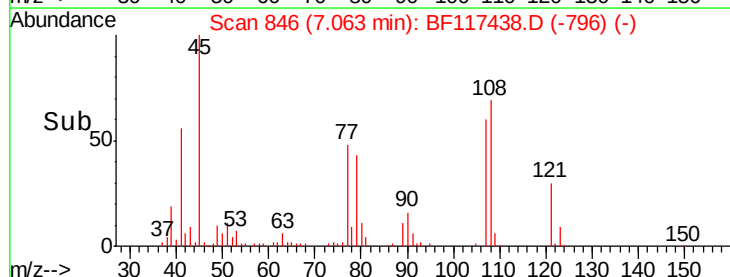
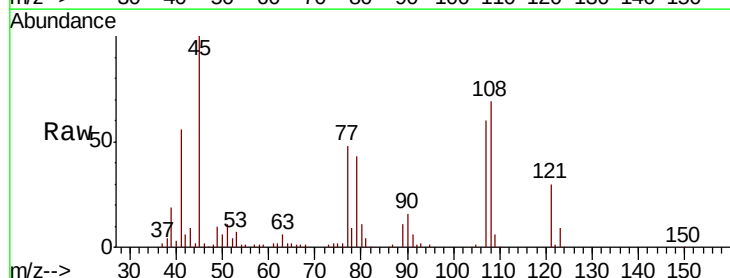
Manual Integrations
APPROVED

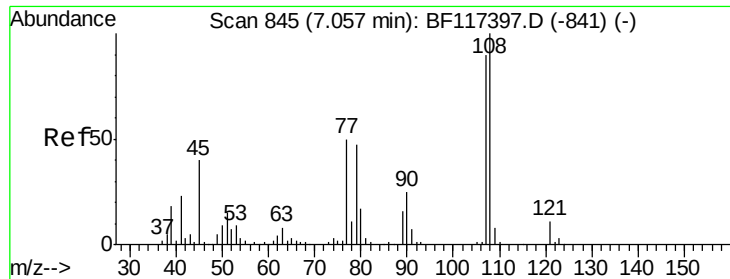
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#16
2,2'-oxybis(1-chloropropane)
Concen: 41.820 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.01 min
Lab File: BF117438.D
Acq: 17 Oct 2019 22:46

Tgt Ion	Ratio	Lower	Upper
45	100		
77	47.7	15.9	55.9
79	42.6	10.7	50.7





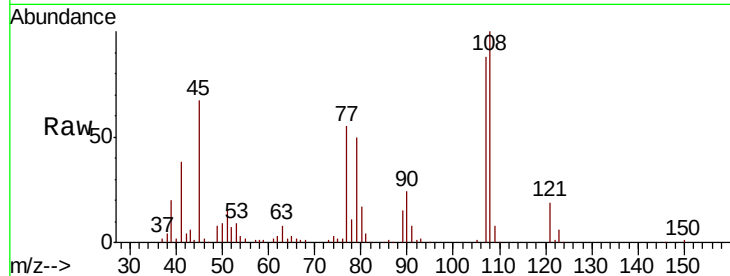
#17
2-Methylphenol
Concen: 40.923 ng
RT: 7.06 min Scan# 845
Delta R.T. 0.00 min
Lab File: BF117438.D
Acq: 17 Oct 2019 22:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:	107	Resp:	90677
Ion Ratio	Lower	Upper	
107	100		
108	113.5	89.4	134.2
77	62.7	45.1	67.7
79	57.1	42.3	63.5

Manual Integrations
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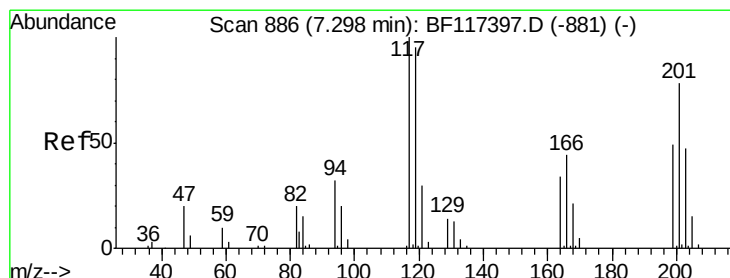
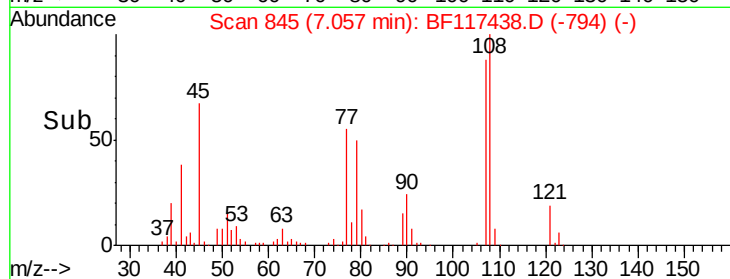
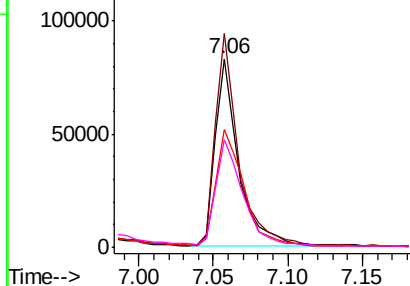
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 40.417 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF117438.D
Acq: 17 Oct 2019 22:46

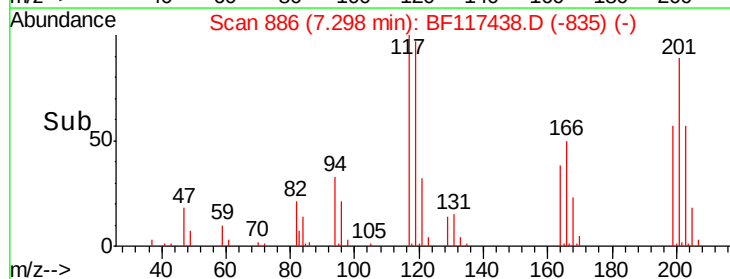
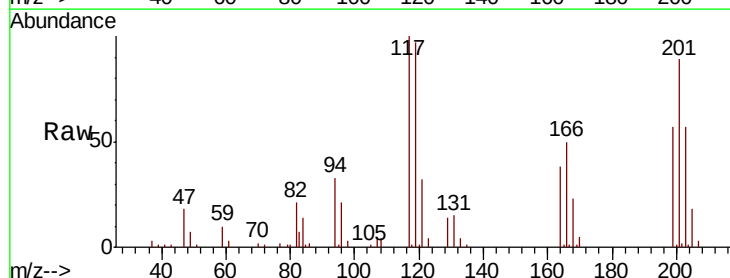
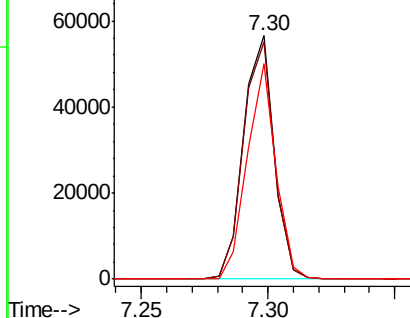
Tgt Ion:	117	Resp:	47547
Ion Ratio	Lower	Upper	
117	100		
119	97.5	75.7	113.5
201	88.6	62.2	93.4

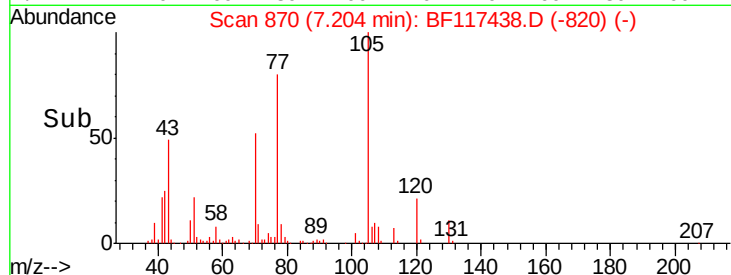
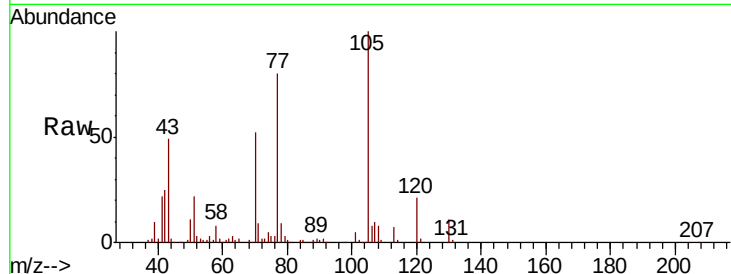
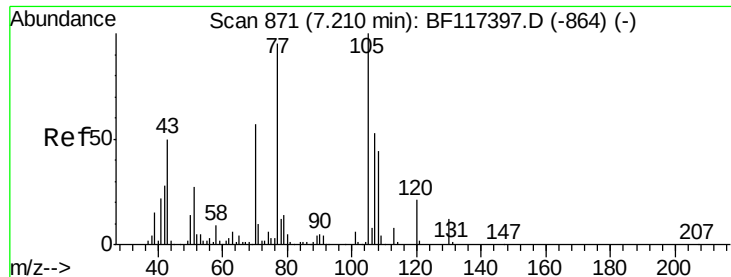
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





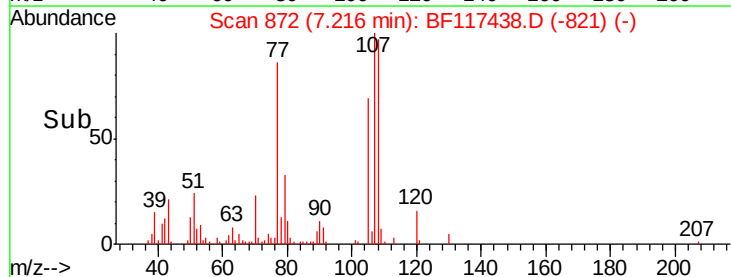
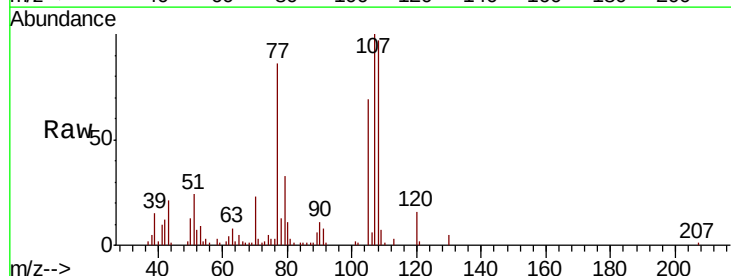
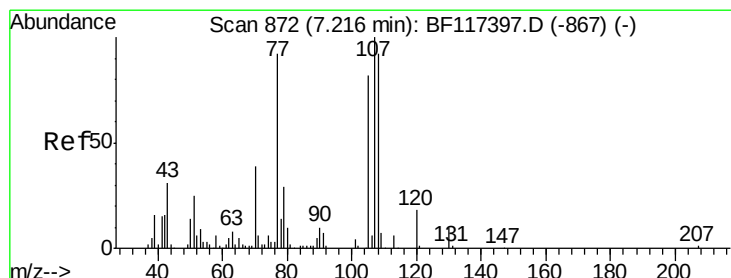
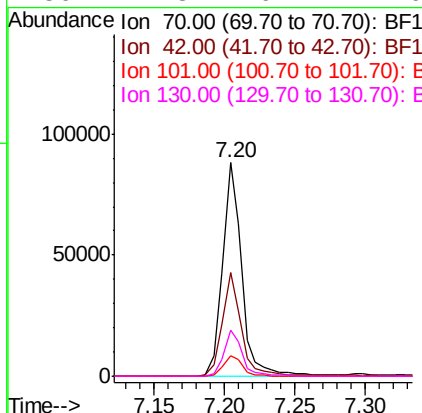
#19
n-Nitroso-di-n-propylamine
Concen: 41.439 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF117438.D
Acq: 17 Oct 2019 22:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	48.5	39.8	59.8	
101	9.8	8.1	12.1	
130	21.8	16.4	24.6	

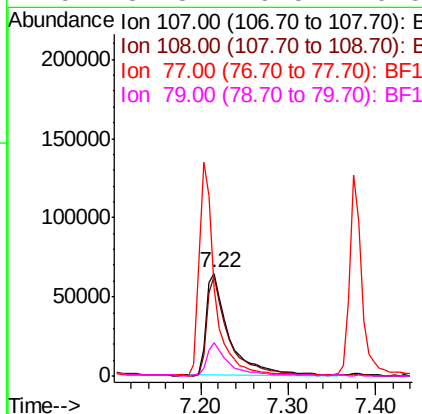
Manual Integrations
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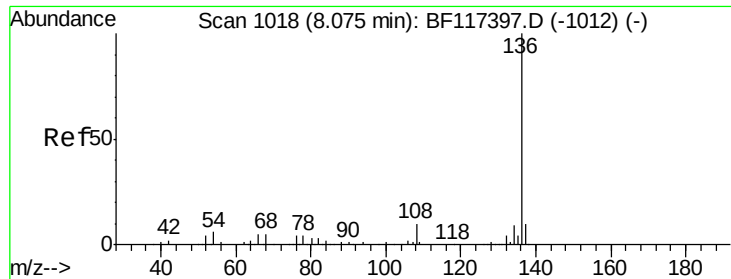
mohammad
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#20
3+4-Methylphenols
Concen: 41.111 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF117438.D
Acq: 17 Oct 2019 22:46

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	97.3	71.8	111.8	
77	86.2	72.7	112.7	
79	32.8	9.5	49.5	





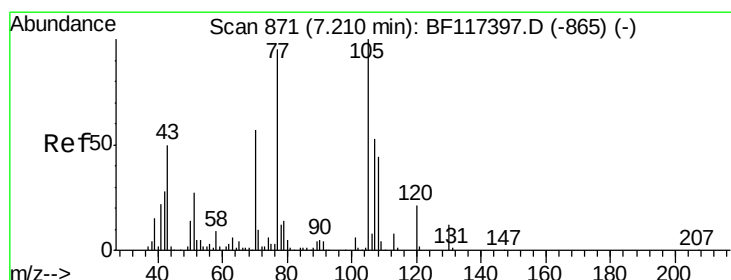
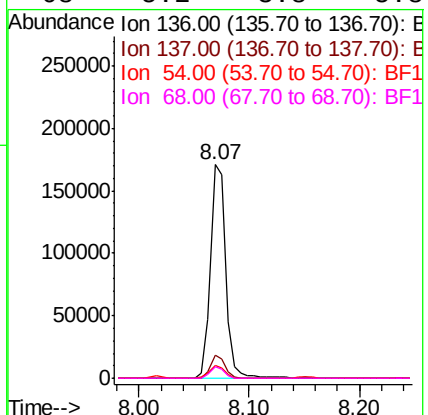
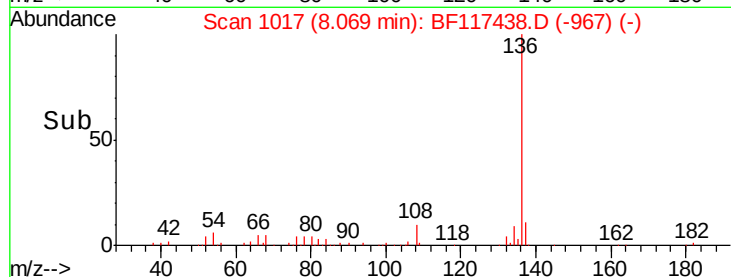
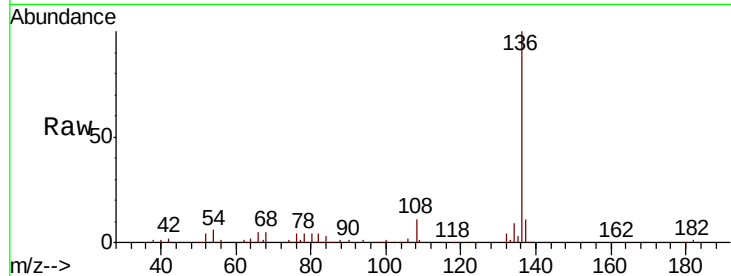
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF117438.D
Acq: 17 Oct 2019 22:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
136	100	160516		
137	10.9		8.4	12.6
54	6.1		4.6	6.8
68	5.2		3.8	5.8

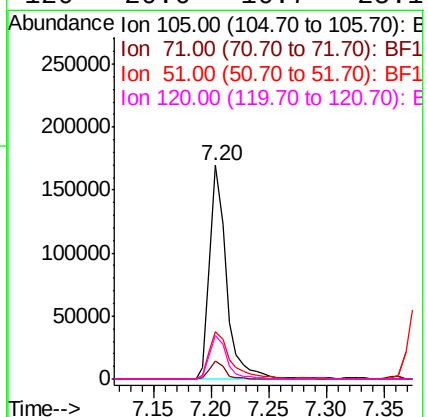
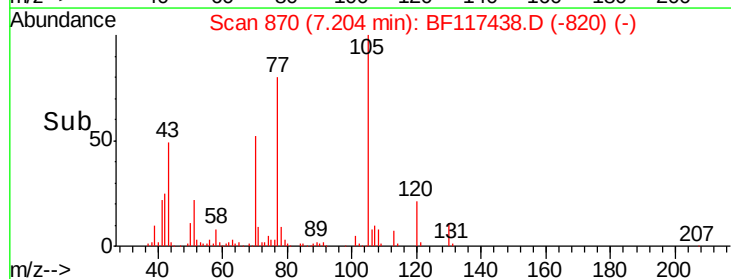
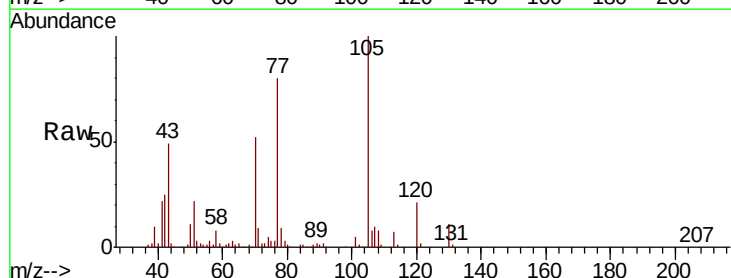
Manual Integrations
APPROVED

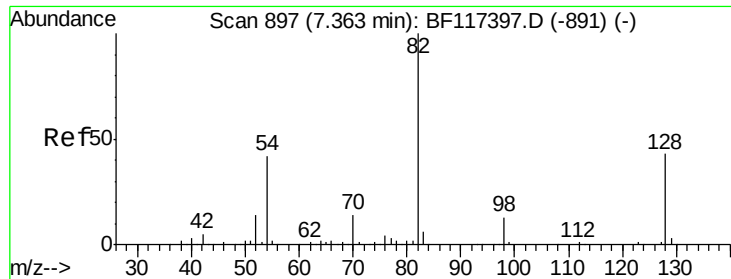
mohammad
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#22
Acetophenone
Concen: 41.188 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF117438.D
Acq: 17 Oct 2019 22:46

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	173485		
71	8.5		7.8	11.6
51	22.5		21.5	32.3
120	20.6		16.7	25.1





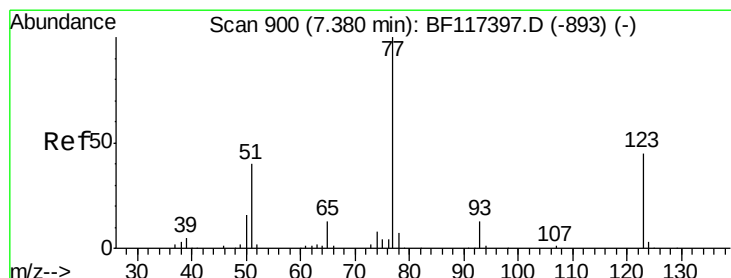
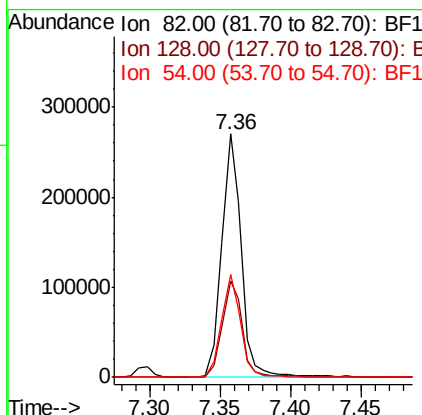
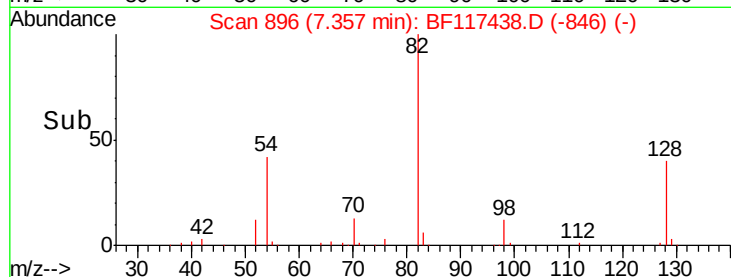
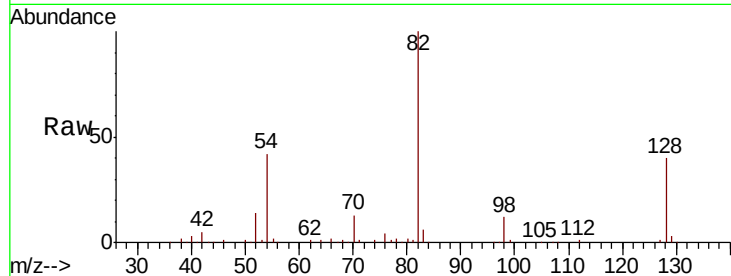
#23
Nitrobenzene-d5
Concen: 82.211 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF117438.D
Acq: 17 Oct 2019 22:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
82	100		
128	39.8	34.1	51.1
54	42.2	33.3	49.9

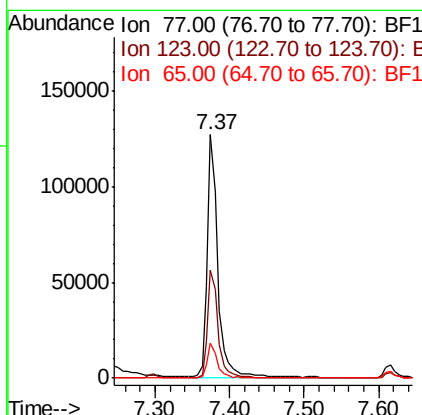
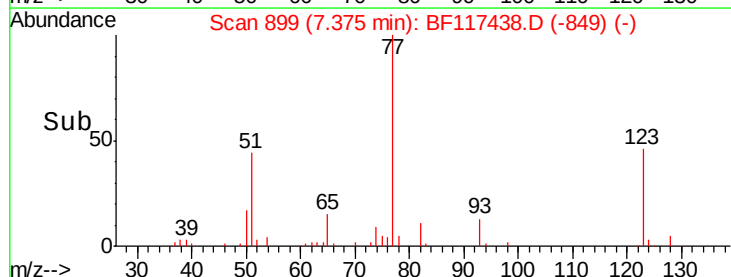
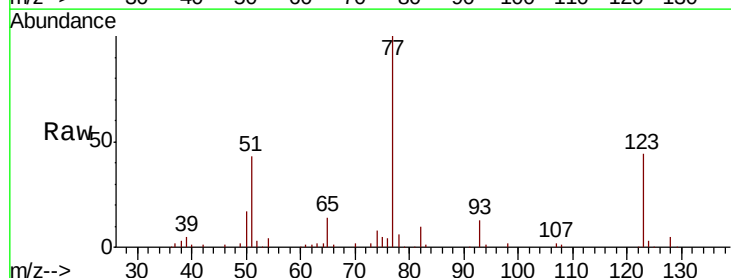
Manual Integrations
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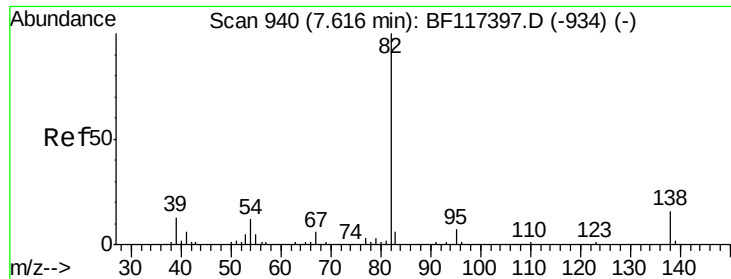
mohammad
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#24
Nitrobenzene
Concen: 41.213 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF117438.D
Acq: 17 Oct 2019 22:46

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.4	35.8	53.8
65	14.2	10.1	15.1





#25

Isophorone

Concen: 42.104 ng

RT: 7.62 min Scan# 940

Delta R.T. 0.00 min

Lab File: BF117438.D

Acq: 17 Oct 2019 22:46

Instrument :

BNA_F

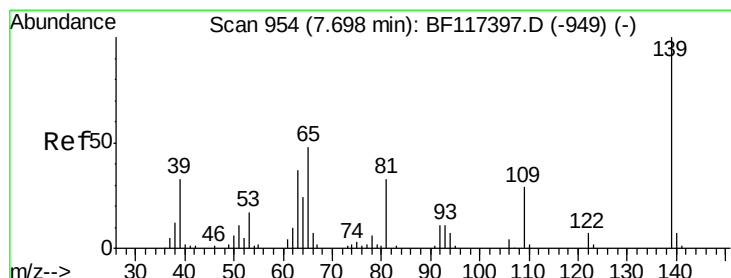
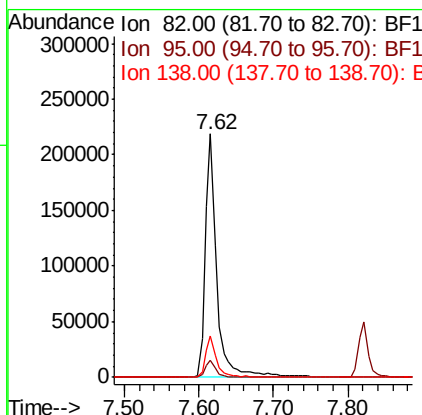
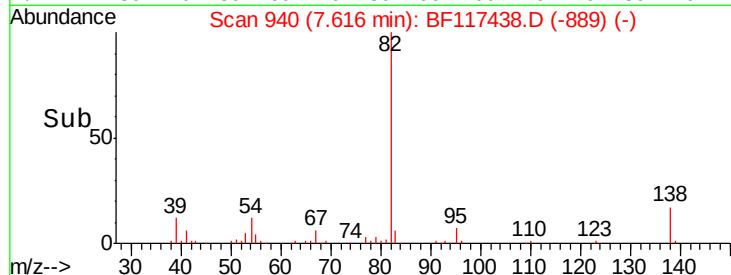
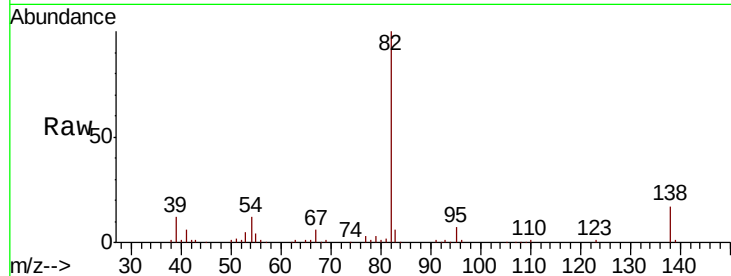
ClientSampleId :

SSTDCCC040EC

Tot Ion:	82	Resp:	237501
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.4	8.0
138	16.7	13.0	19.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 41.351 ng

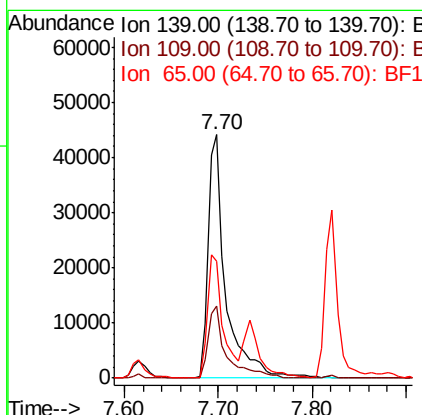
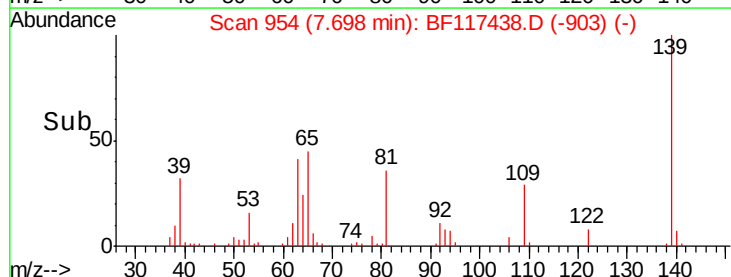
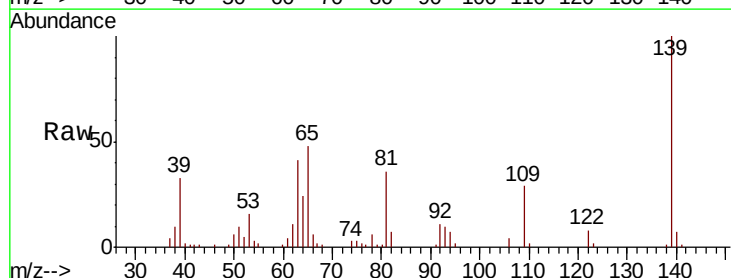
RT: 7.70 min Scan# 954

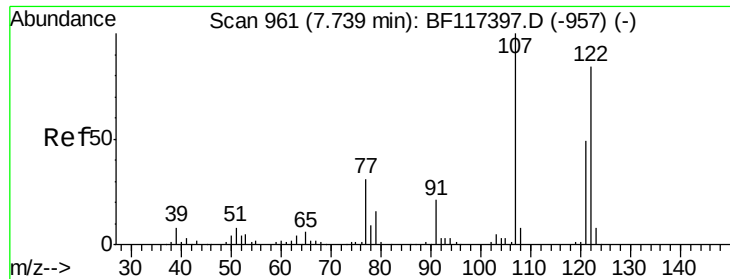
Delta R.T. 0.00 min

Lab File: BF117438.D

Acq: 17 Oct 2019 22:46

Tgt Ion:	139	Resp:	58196
Ion Ratio	Lower	Upper	
139	100		
109	29.4	23.1	34.7
65	47.8	38.2	57.4





#27

2,4-Dimethylphenol

Concen: 40.693 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF117438.D

Acq: 17 Oct 2019 22:46

Instrument :

BNA_F

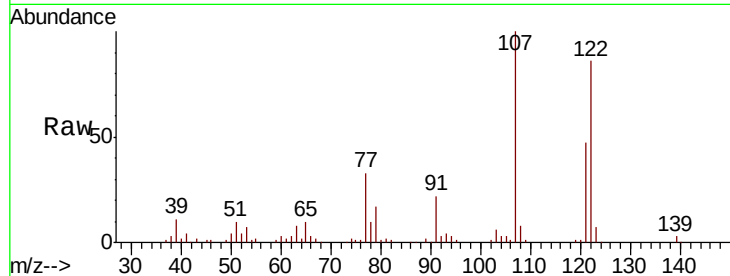
ClientSampleId :

SSTDCCC040EC

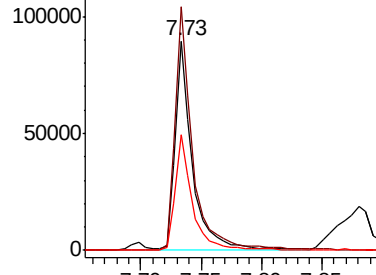
Tot Ion:	122	Resp:	87039
Ion	Ratio	Lower	Upper
122	100		
107	116.2	95.0	142.6
121	55.0	46.6	69.8

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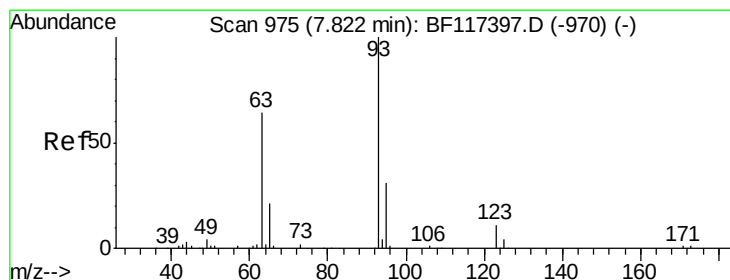
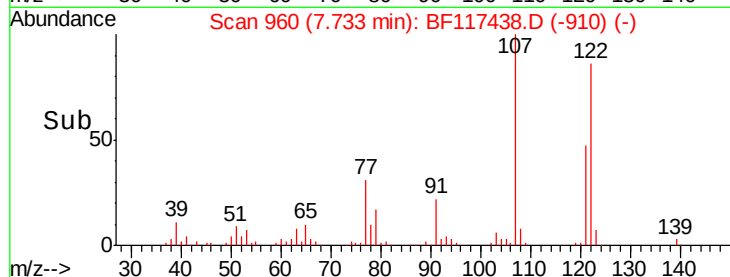
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Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



Time-->



#28

bis(2-Chloroethoxy)methane

Concen: 40.621 ng

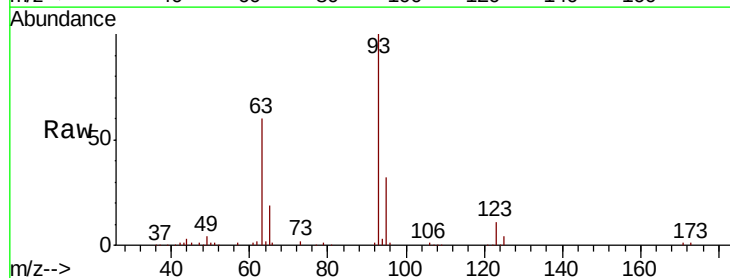
RT: 7.82 min Scan# 975

Delta R.T. 0.00 min

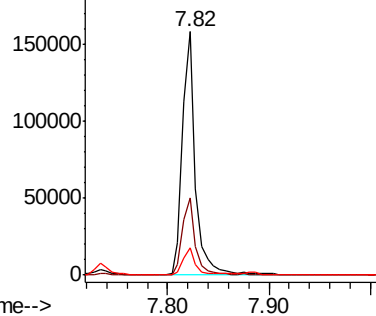
Lab File: BF117438.D

Acq: 17 Oct 2019 22:46

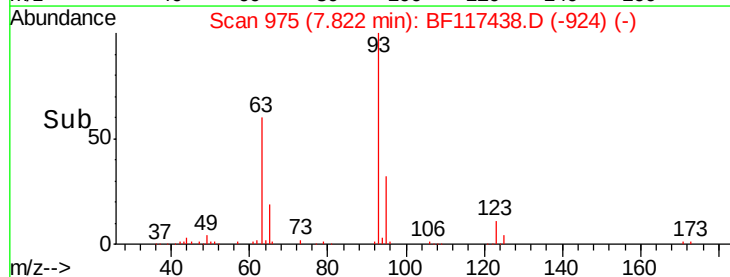
Tgt Ion:	93	Resp:	142049
Ion	Ratio	Lower	Upper
93	100		
95	31.8	25.1	37.7
123	11.1	8.6	12.8

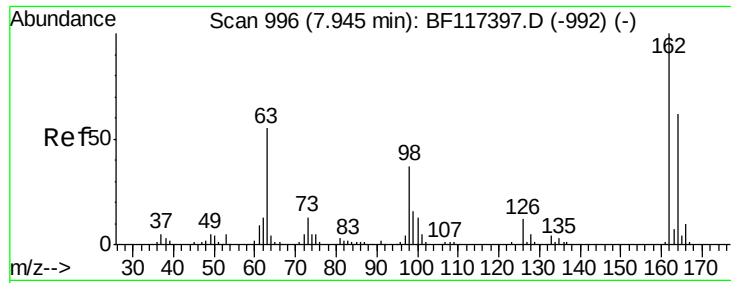


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E



Time-->





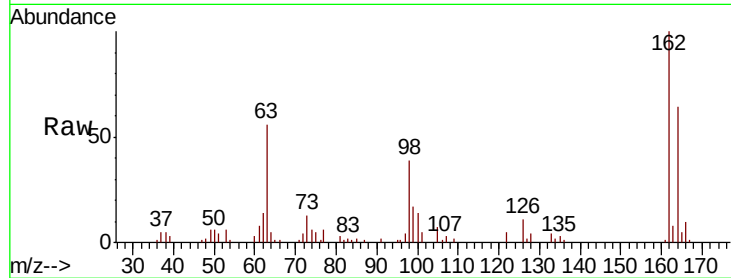
#29
2,4-Dichlorophenol
Concen: 40.790 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.00 min
Lab File: BF117438.D
Acq: 17 Oct 2019 22:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.5	42.2	82.2
98	38.6	17.4	57.4

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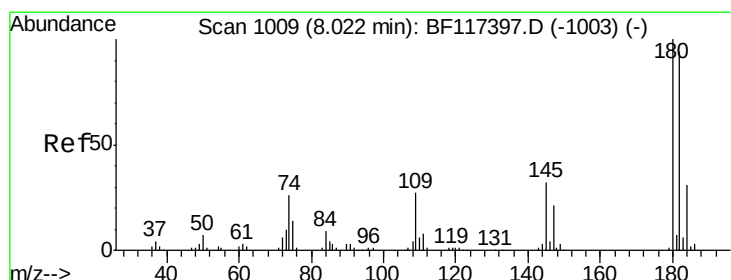
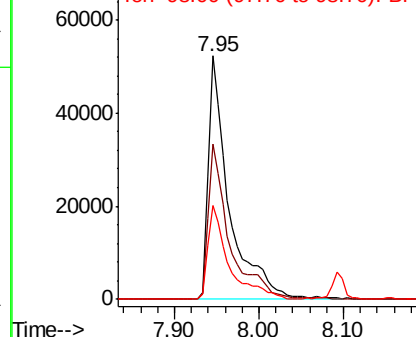
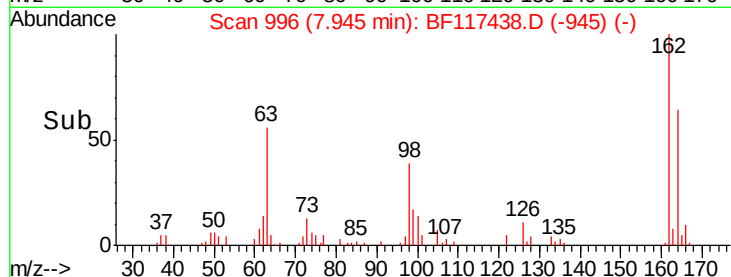


Abundance

Ion 162.00 (161.70 to 162.70): E

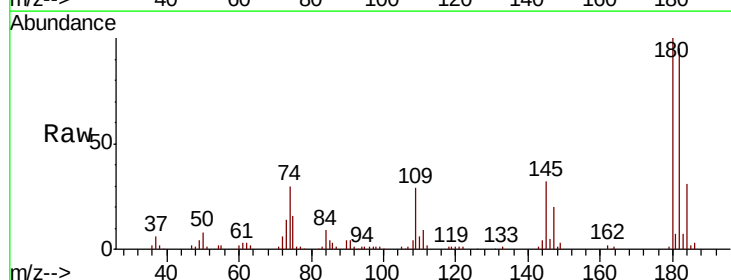
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 40.918 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF117438.D
Acq: 17 Oct 2019 22:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	75.4	113.2
145	32.0	25.5	38.3

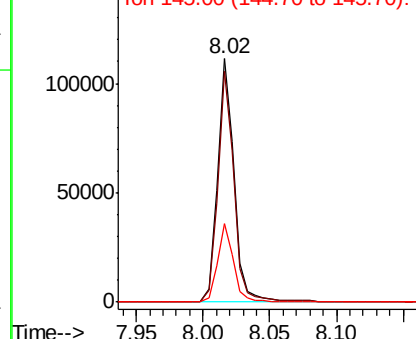
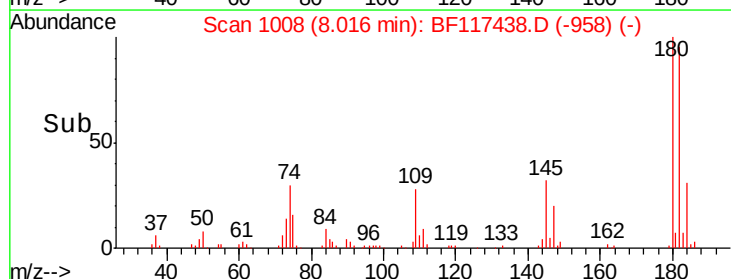


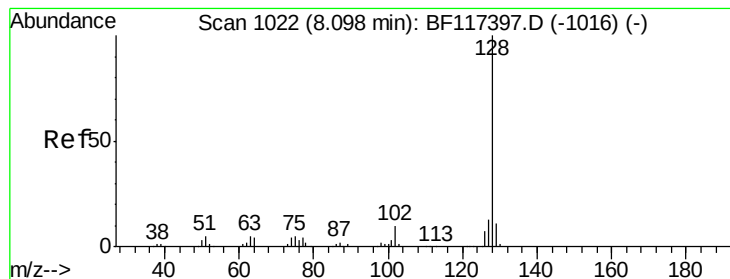
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.873 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF117438.D

Acq: 17 Oct 2019 22:46

Instrument :

BNA_F

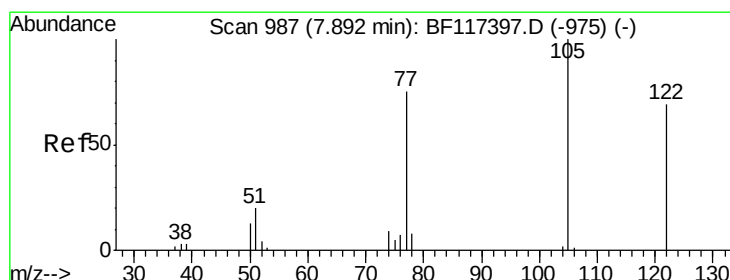
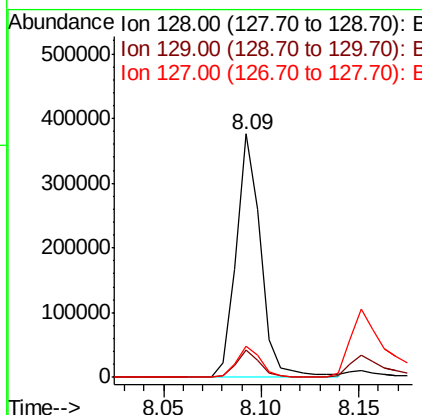
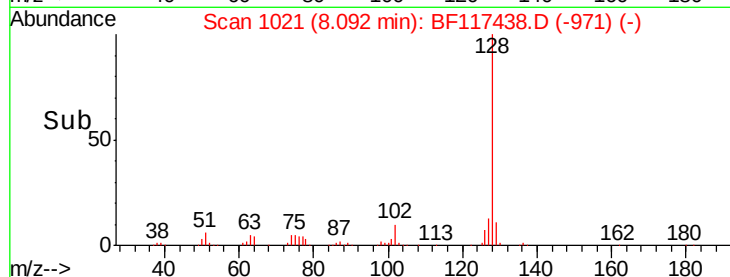
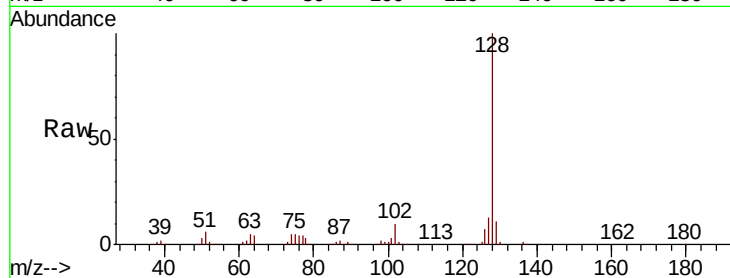
ClientSampleId :

SSTDCCC040EC

Tot Ion	128	Resp	327648
Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	12.8
127	12.6	10.4	15.6

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#32

Benzoic acid

Concen: 34.798 ng

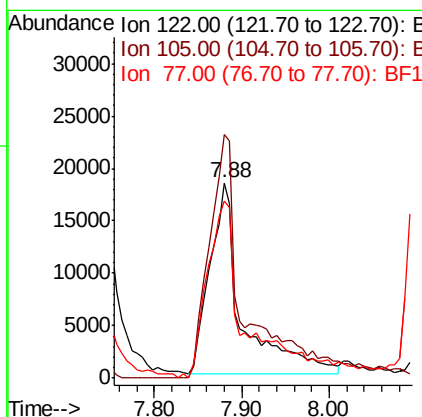
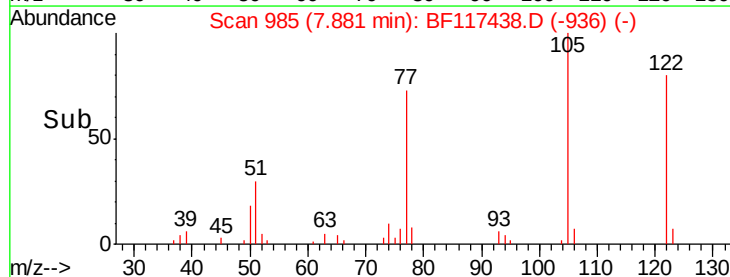
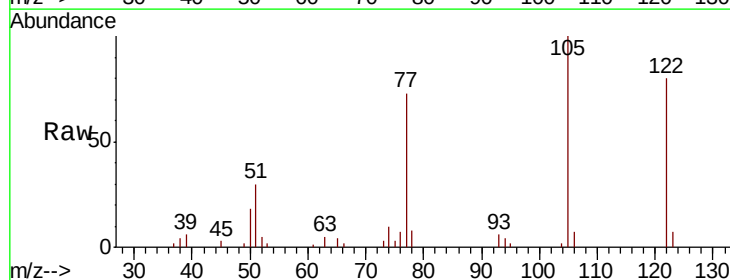
RT: 7.88 min Scan# 985

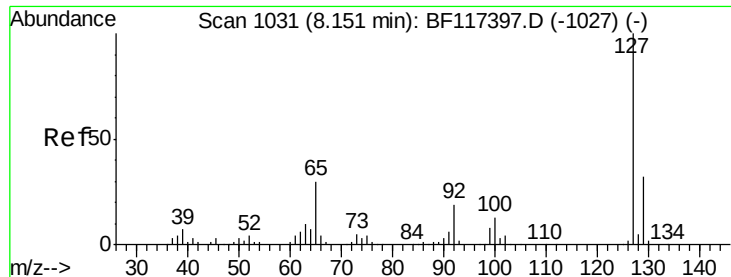
Delta R.T. -0.01 min

Lab File: BF117438.D

Acq: 17 Oct 2019 22:46

Tgt Ion	122	Resp	47053
Ion	Ratio	Lower	Upper
122	100		
105	124.8	121.5	161.5
77	90.7	88.3	128.3





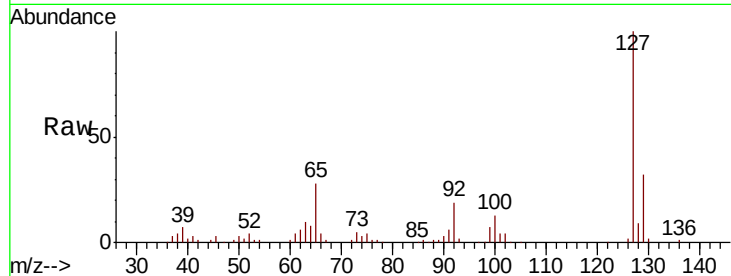
#33
4-Chloroaniline
Concen: 42.427 ng
RT: 8.15 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF117438.D
Acq: 17 Oct 2019 22:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.4	38.0
65	28.0	23.8	35.8
92	18.5	15.3	22.9

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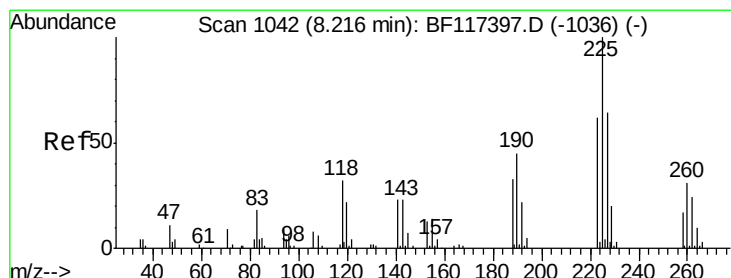
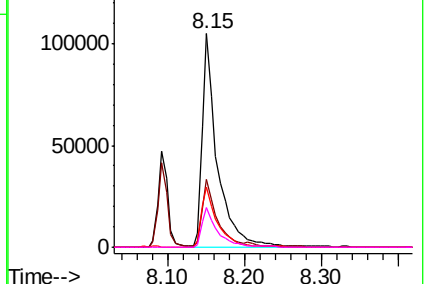
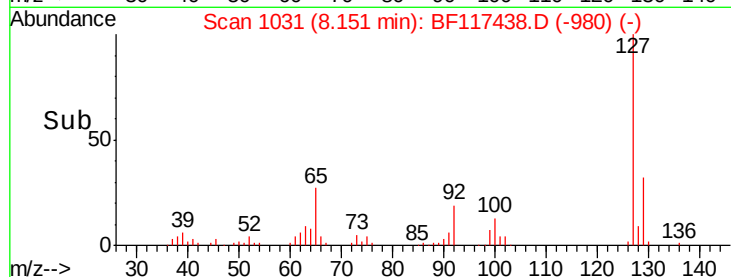
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

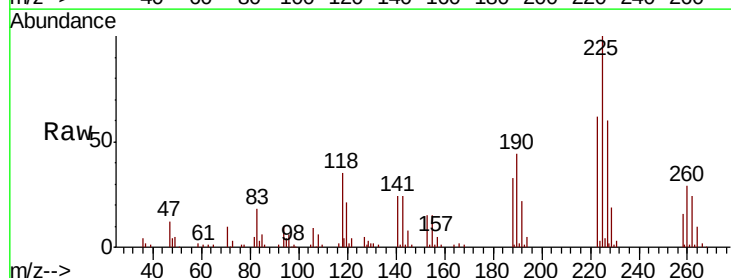
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 41.665 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF117438.D
Acq: 17 Oct 2019 22:46

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.7	49.7	74.5
227	60.0	50.9	76.3

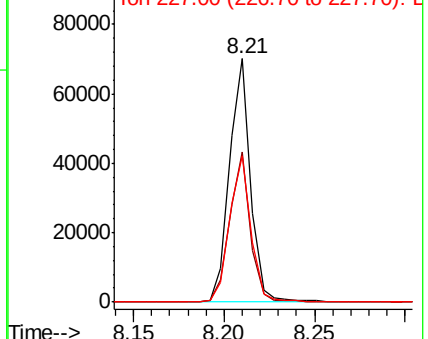
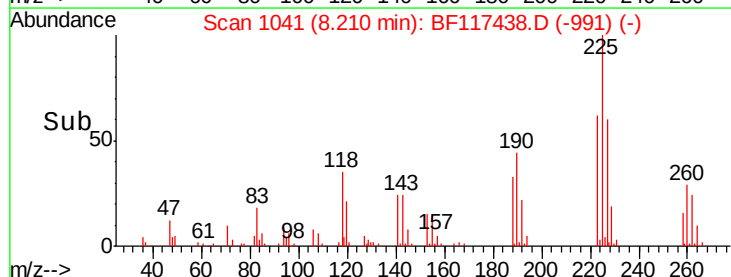


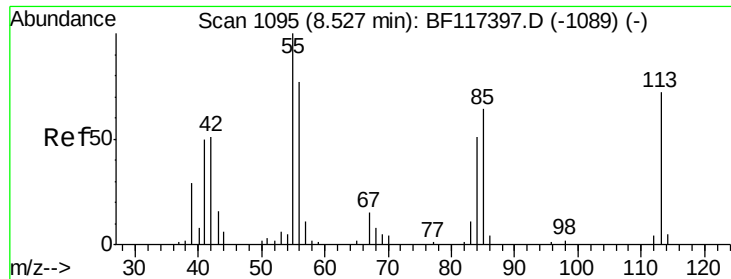
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





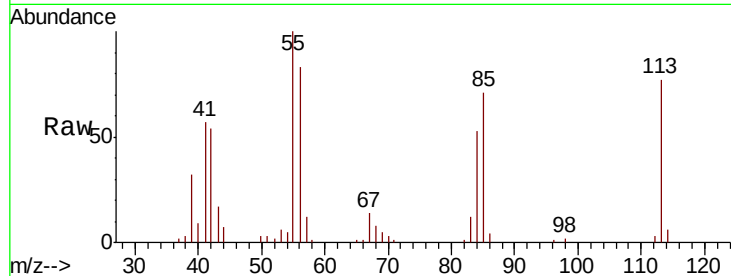
#35
 Caprolactam
 Concen: 44.763 ng
 RT: 8.53 min Scan# 1095
 Delta R.T. 0.00 min
 Lab File: BF117438.D
 Acq: 17 Oct 2019 22:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

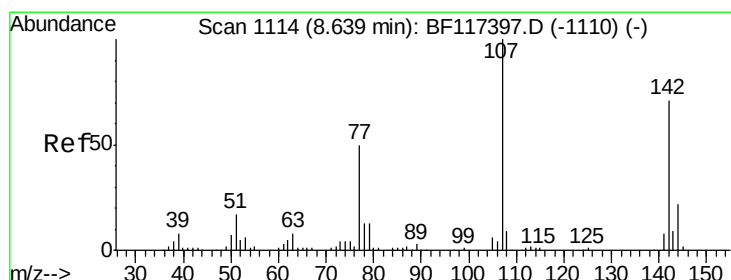
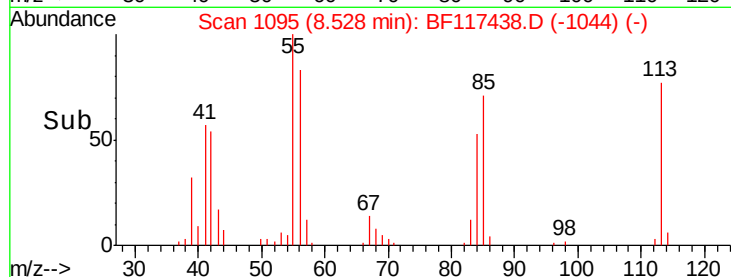
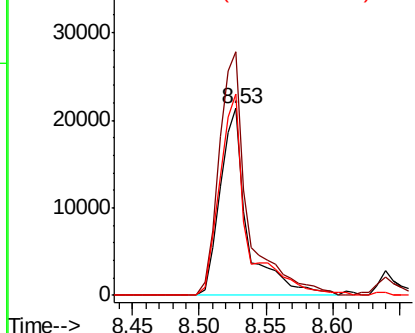
Tot Ion	Ratio	Lower	Upper
113	100		
55	130.1	118.5	158.5
56	107.4	86.7	126.7

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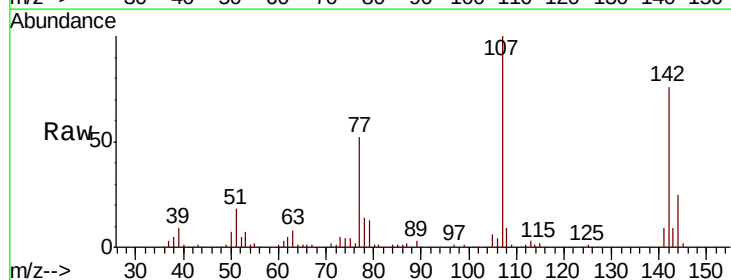


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

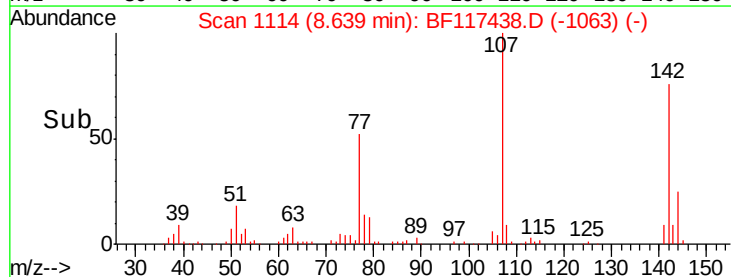
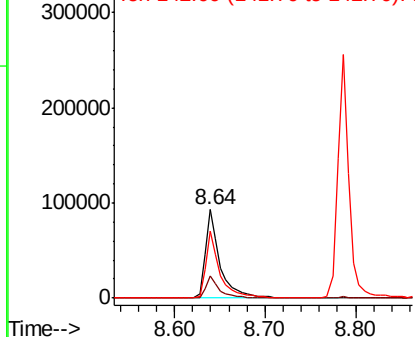


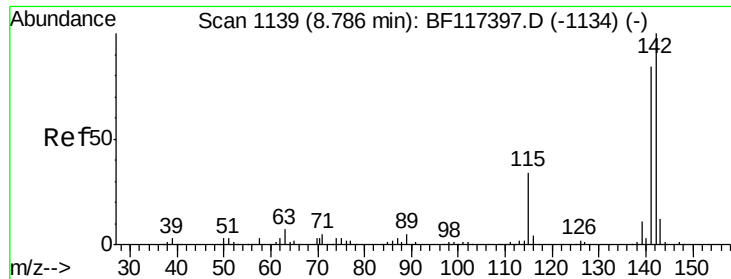
#36
 4-Chloro-3-methylphenol
 Concen: 42.194 ng
 RT: 8.64 min Scan# 1114
 Delta R.T. 0.00 min
 Lab File: BF117438.D
 Acq: 17 Oct 2019 22:46

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.7	17.9	26.9
142	75.6	56.9	85.3



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





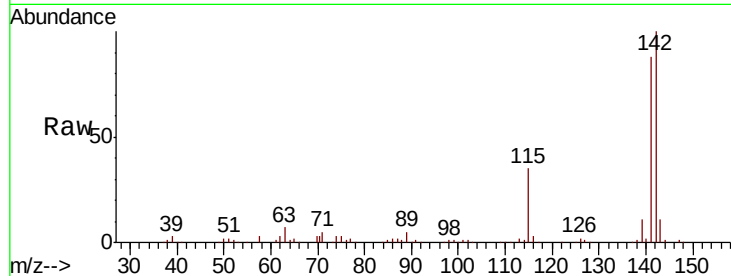
#37
2-Methylnaphthalene
Concen: 41.343 ng
RT: 8.79 min Scan# 1139
Delta R.T. 0.00 min
Lab File: BF117438.D
Acq: 17 Oct 2019 22:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.0	67.2	100.8
115	34.5	26.9	40.3

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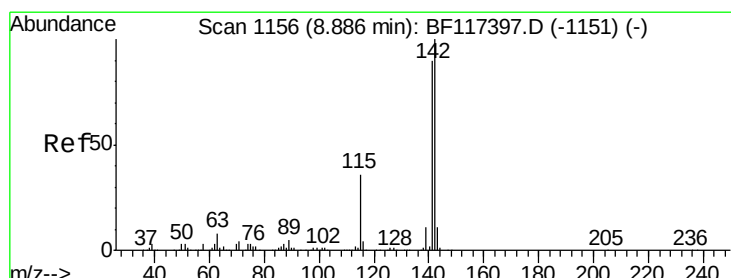
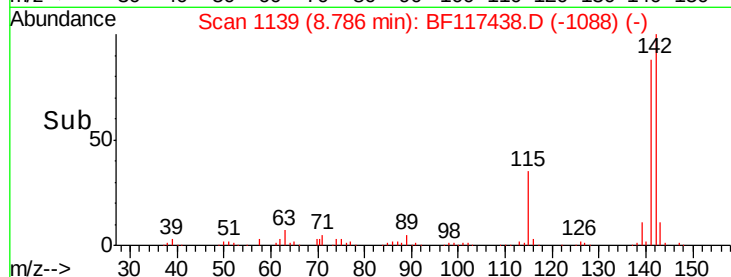
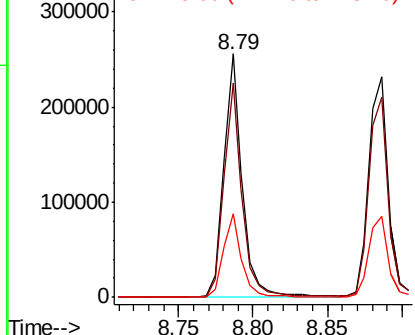


Abundance

Ion 142.00 (141.70 to 142.70): E

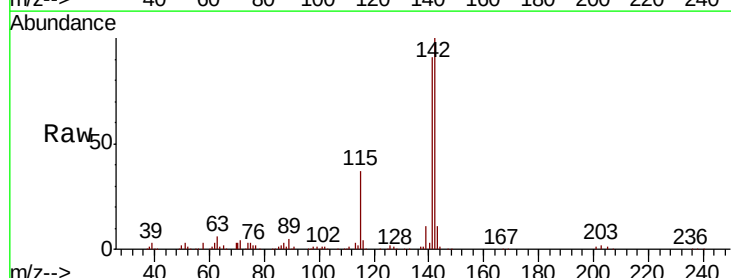
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 41.031 ng
RT: 8.89 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BF117438.D
Acq: 17 Oct 2019 22:46

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.9	71.8	107.8
116	3.7	2.9	4.3

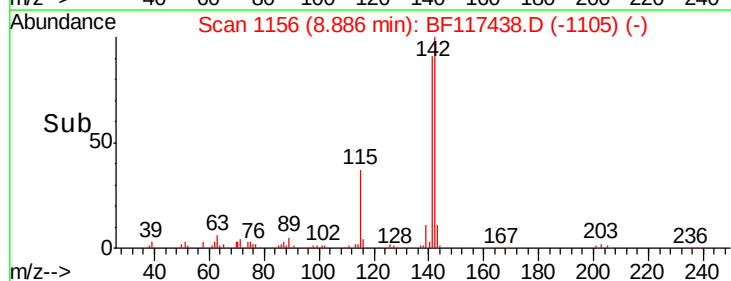
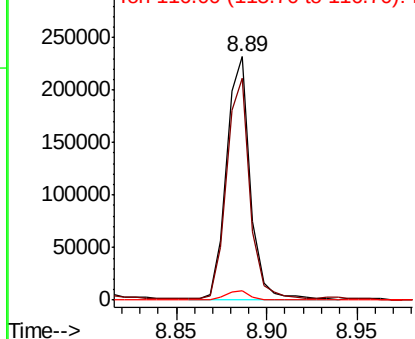


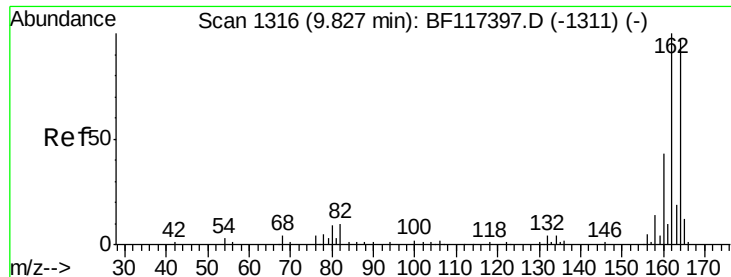
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1316

Delta R.T. 0.00 min

Lab File: BF117438.D

Acq: 17 Oct 2019 22:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:164 Resp: 84343

Ion Ratio Lower Upper

164 100

162 103.8 82.4 123.6

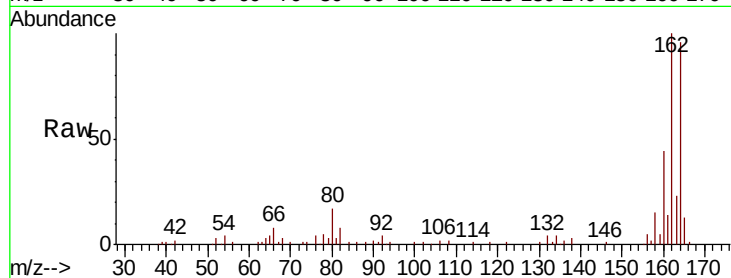
160 45.7 35.4 53.0

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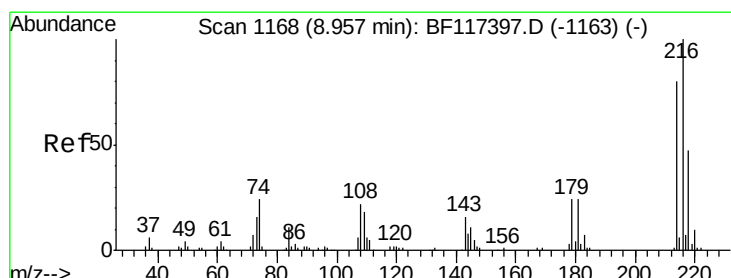
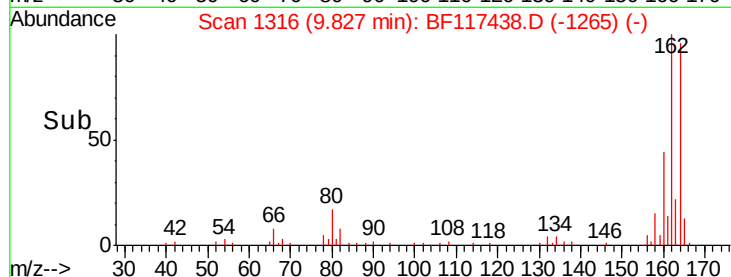
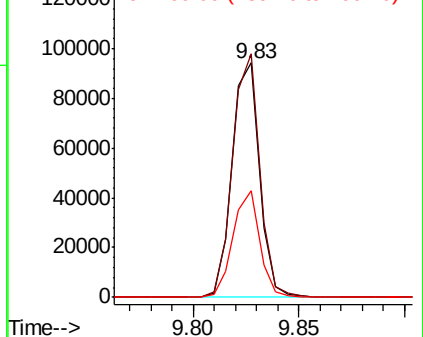


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.284 ng

RT: 8.96 min Scan# 1168

Delta R.T. 0.00 min

Lab File: BF117438.D

Acq: 17 Oct 2019 22:46

Tgt Ion:216 Resp: 91442

Ion Ratio Lower Upper

216 100

214 79.5 63.8 95.6

179 22.6 18.6 28.0

108 20.8 17.0 25.4

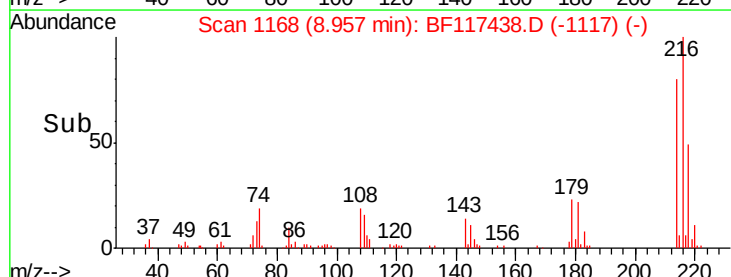
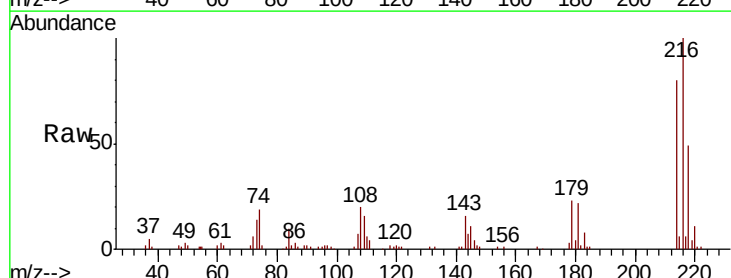
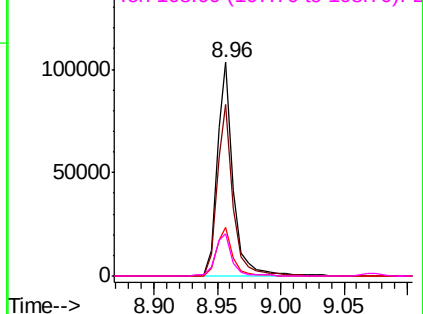
Abundance

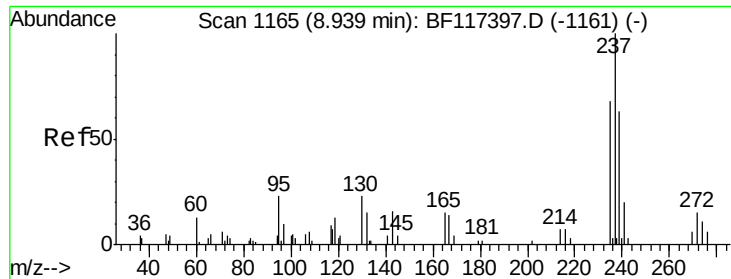
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 21.048 ng

RT: 8.94 min Scan# 1165

Delta R.T. 0.00 min

Lab File: BF117438.D

Acq: 17 Oct 2019 22:46

Instrument :

BNA_F

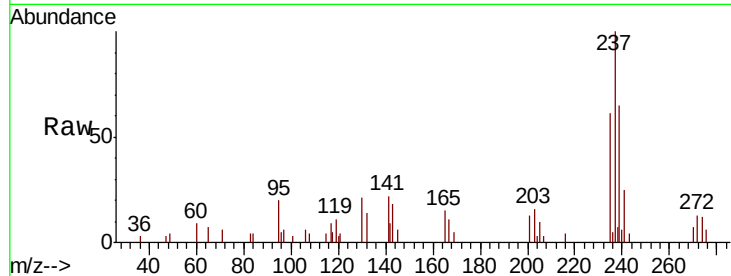
ClientSampleId :

SSTDCCC040EC

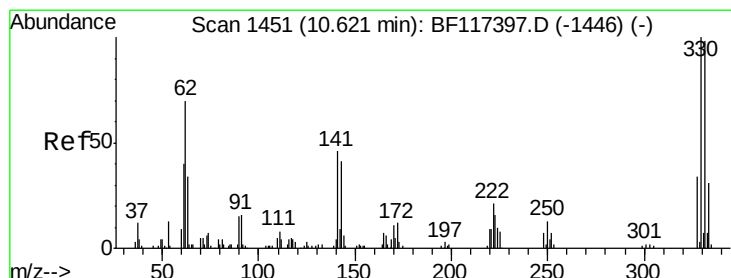
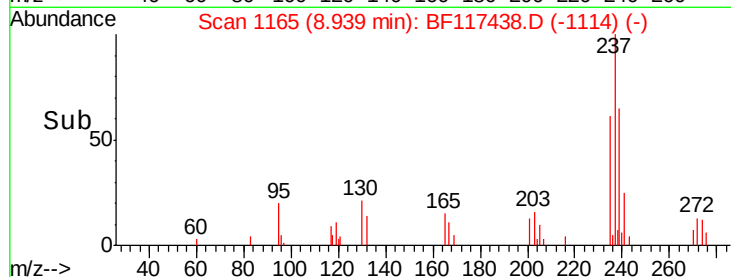
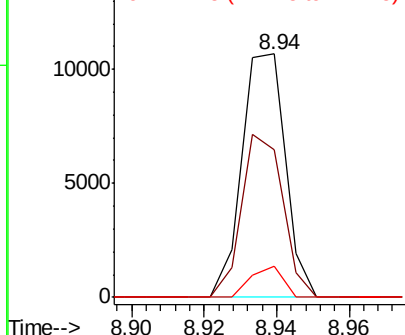
Tot Ion:	237	Resp:	8922
Ion Ratio	Lower	Upper	
237	100		
235	60.8	47.8	87.8
272	12.8	0.0	35.0

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 88.596 ng

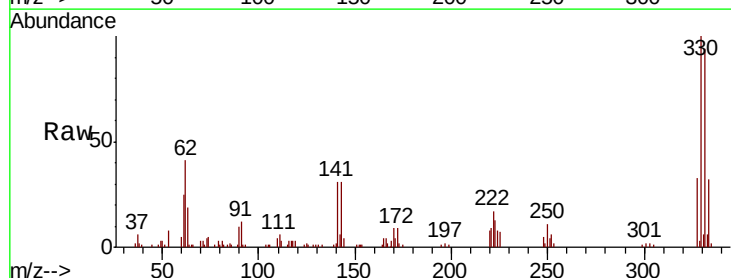
RT: 10.62 min Scan# 1451

Delta R.T. 0.00 min

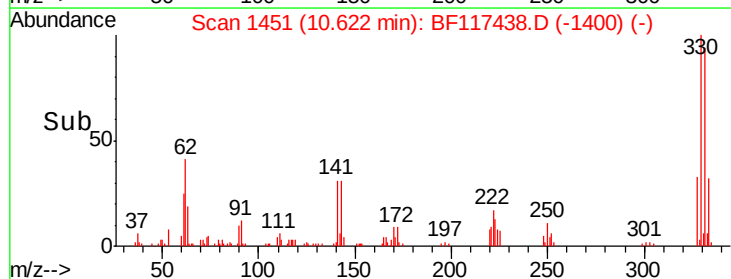
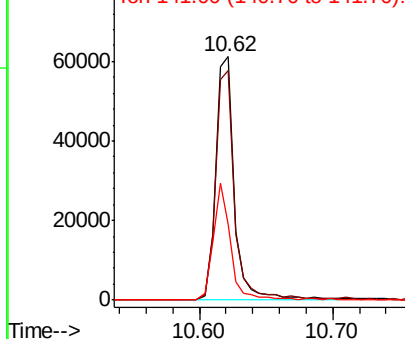
Lab File: BF117438.D

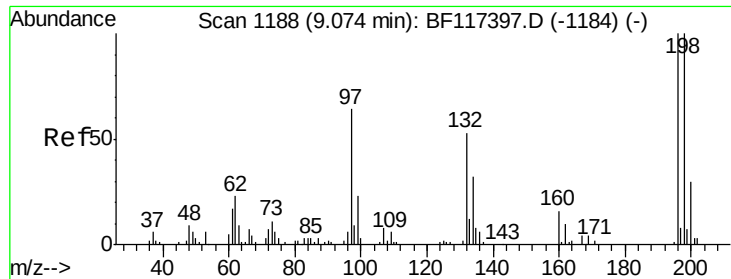
Acq: 17 Oct 2019 22:46

Tgt Ion:	330	Resp:	60816
Ion Ratio	Lower	Upper	
330	100		
332	95.6	75.0	112.6
141	43.6	34.2	51.4



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





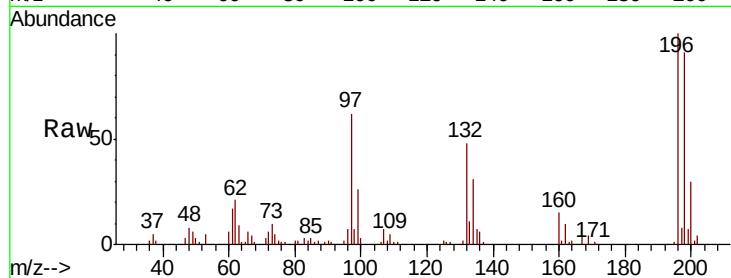
#43
 2,4,6-Trichlorophenol
 Concen: 40.726 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF117438.D
 Acq: 17 Oct 2019 22:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

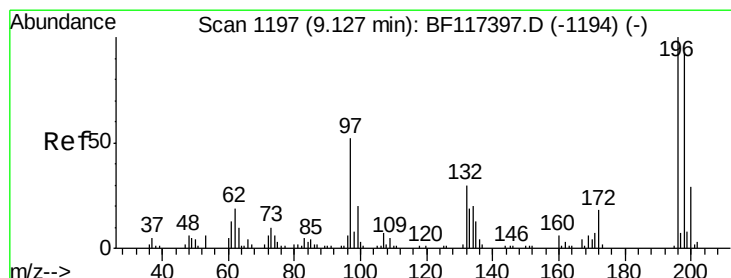
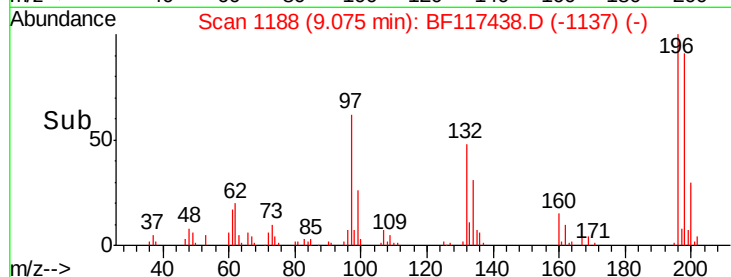
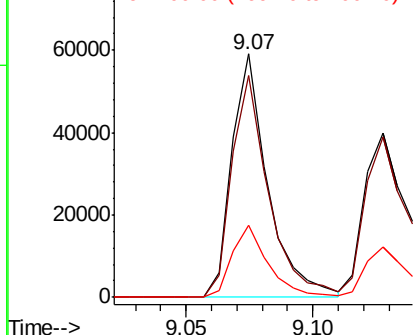
Tot Ion:	196	Resp:	58505
Ion Ratio	Lower	Upper	
196	100		
198	91.2	79.8	119.6
200	29.5	23.7	35.5

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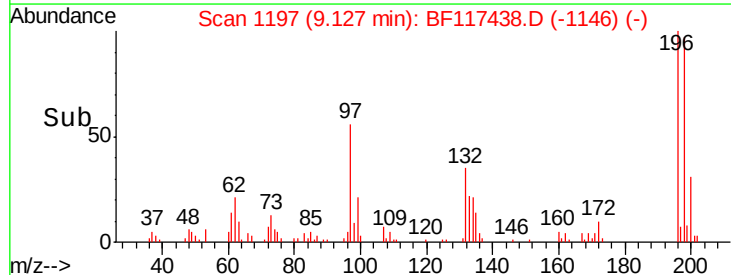
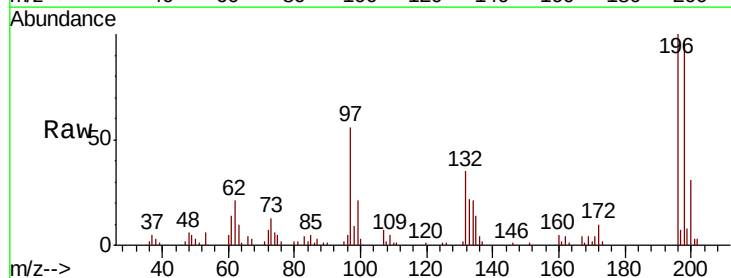
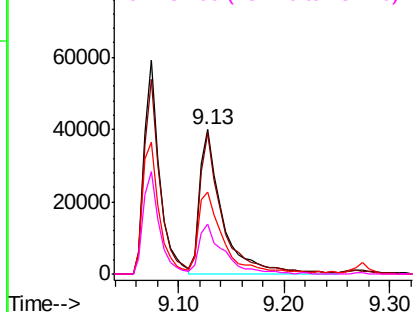
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

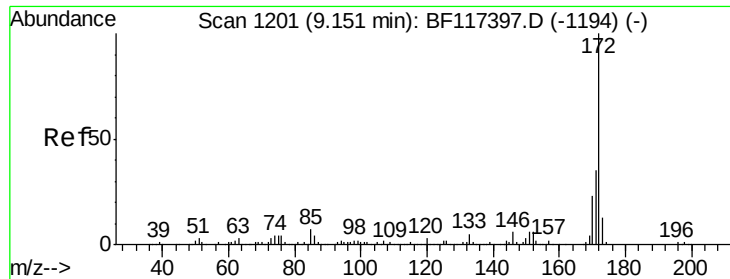


#44
 2,4,5-Trichlorophenol
 Concen: 41.128 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF117438.D
 Acq: 17 Oct 2019 22:46

Tgt Ion:	196	Resp:	60265
Ion Ratio	Lower	Upper	
196	100		
198	97.4	74.9	112.3
97	56.5	42.5	63.7
132	34.8	24.7	37.1

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E





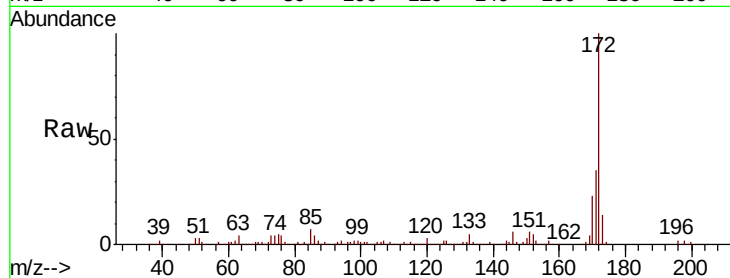
#45
2-Fluorobiphenyl
Concen: 81.293 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF117438.D
Acq: 17 Oct 2019 22:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.2	42.2
170	22.8	18.2	27.2

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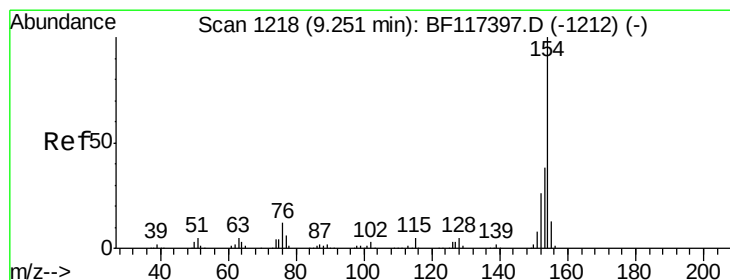
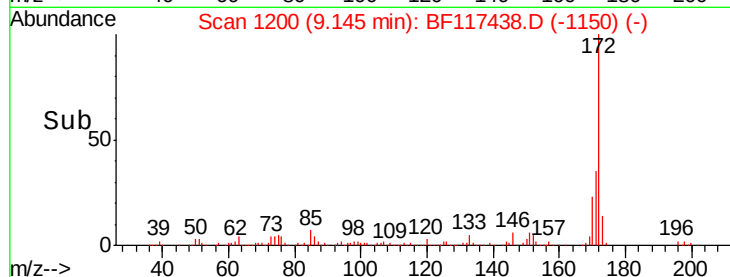
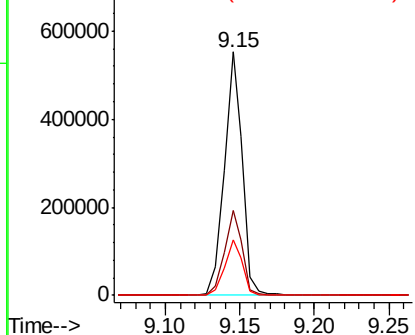


Abundance

Ion 172.00 (171.70 to 172.70): E

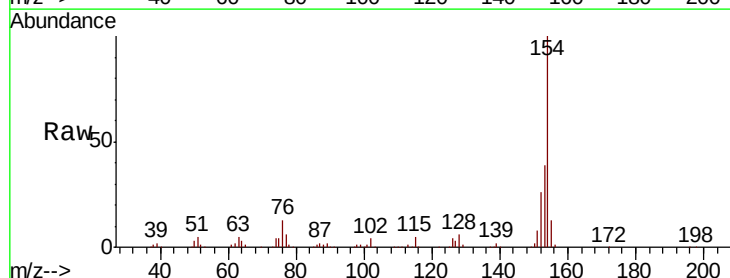
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 40.931 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF117438.D
Acq: 17 Oct 2019 22:46

Tgt Ion	Ratio	Lower	Upper
154	100		
153	38.8	18.3	58.3
76	13.2	0.0	32.3

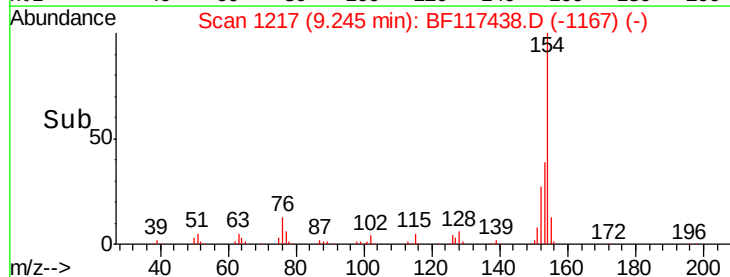
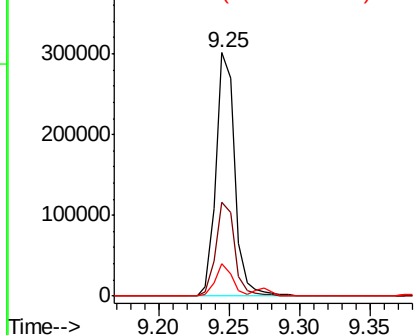


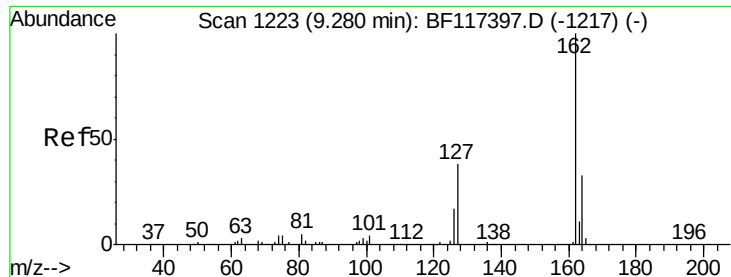
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





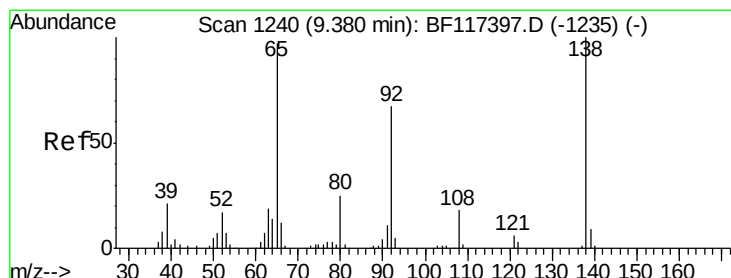
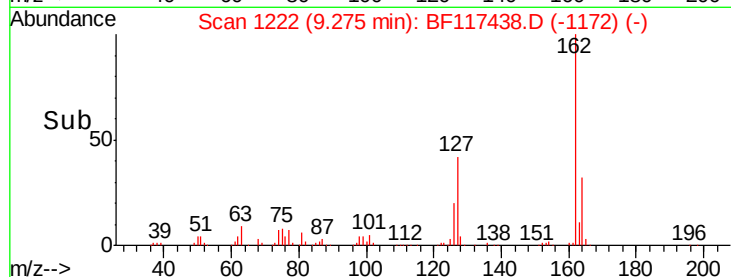
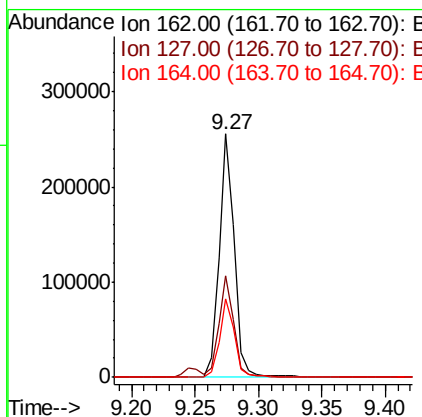
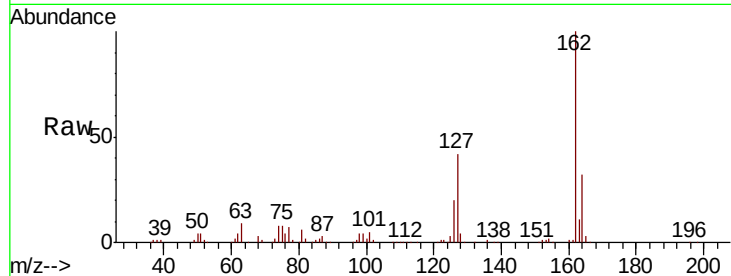
#47
2-Chloronaphthalene
Concen: 40.255 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BF117438.D
Acq: 17 Oct 2019 22:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
162	100	216222		
127	41.8	32.6	48.8	
164	32.0	26.2	39.4	

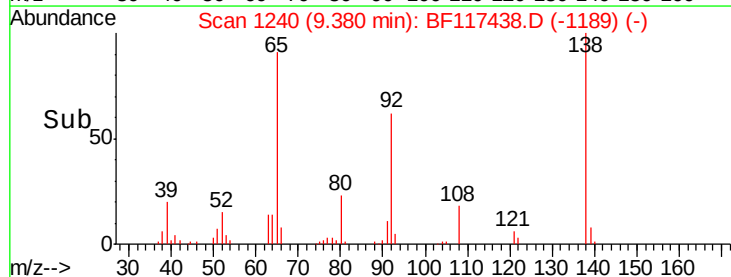
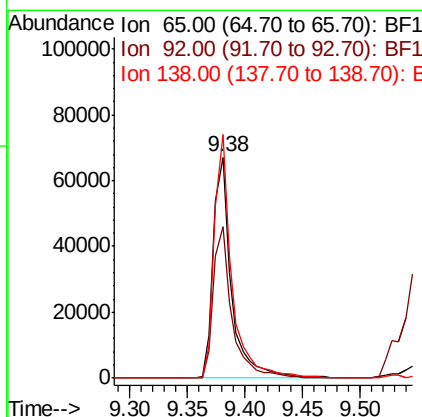
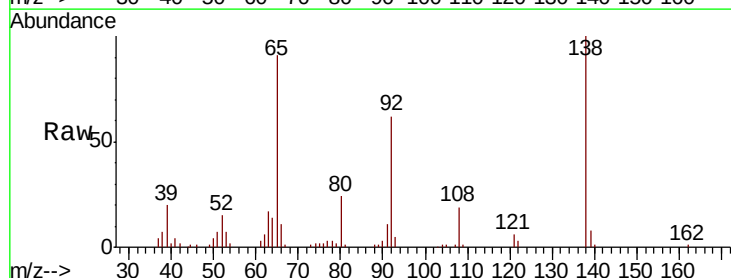
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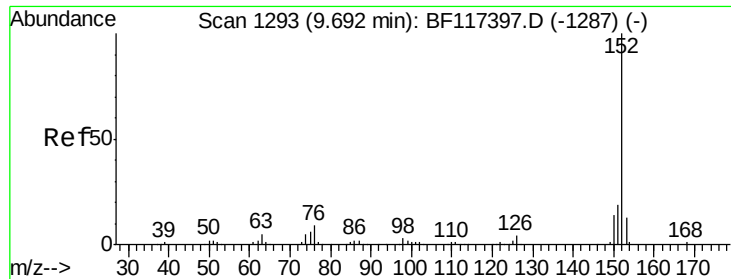
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#48
2-Nitroaniline
Concen: 42.910 ng
RT: 9.38 min Scan# 1240
Delta R.T. 0.00 min
Lab File: BF117438.D
Acq: 17 Oct 2019 22:46

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	73538		
92	68.8	55.4	83.0	
138	110.4	82.6	124.0	





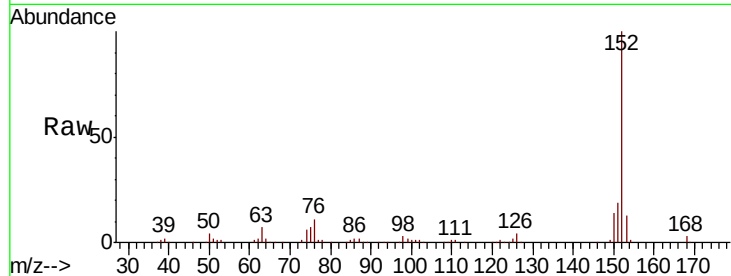
#49
Acenaphthylene
Concen: 42.101 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF117438.D
Acq: 17 Oct 2019 22:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

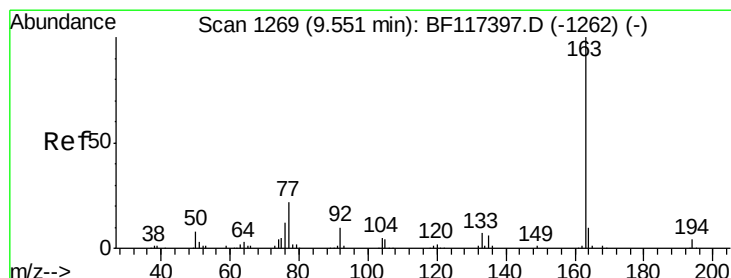
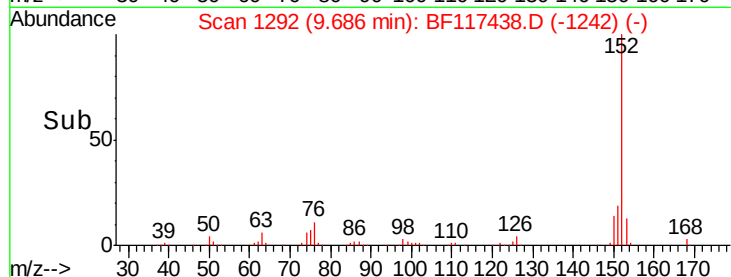
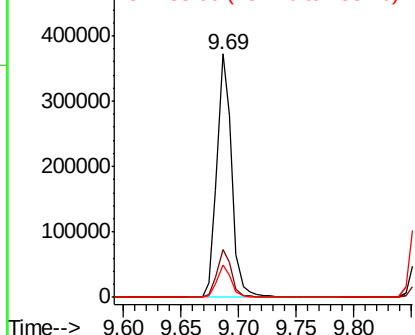
Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		331508		
151	19.5	15.5	23.3		
153	13.1	10.6	16.0		

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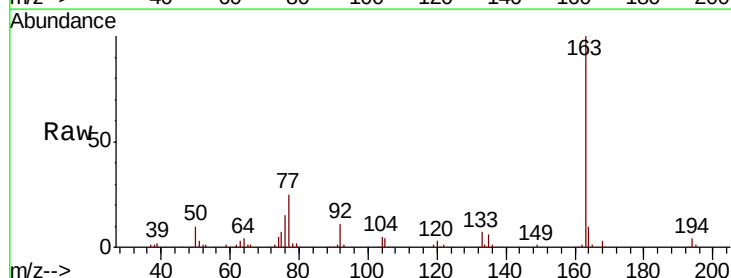


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

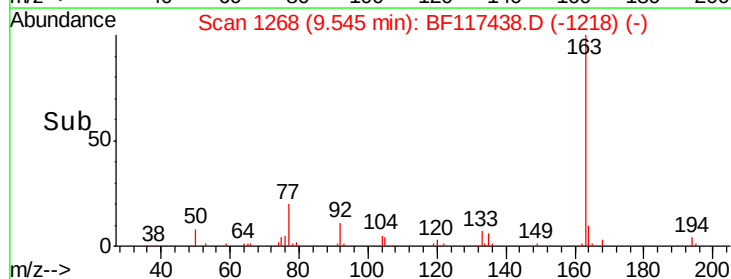
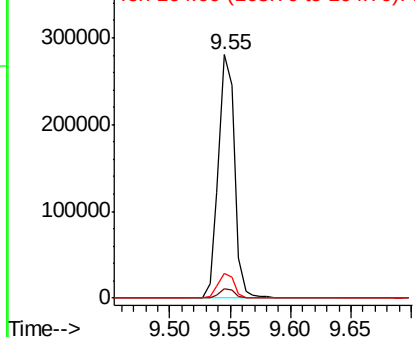


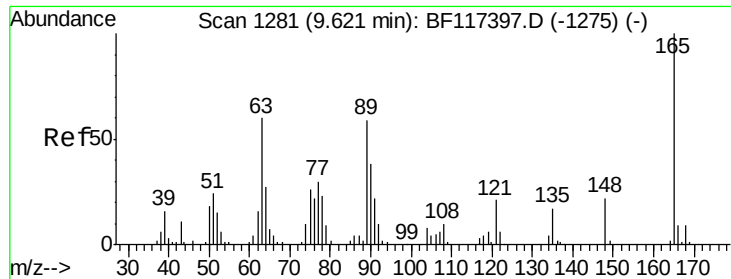
#50
Dimethylphthalate
Concen: 42.488 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF117438.D
Acq: 17 Oct 2019 22:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		257365		
194	3.7	3.1	4.7		
164	10.4	8.0	12.0		



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





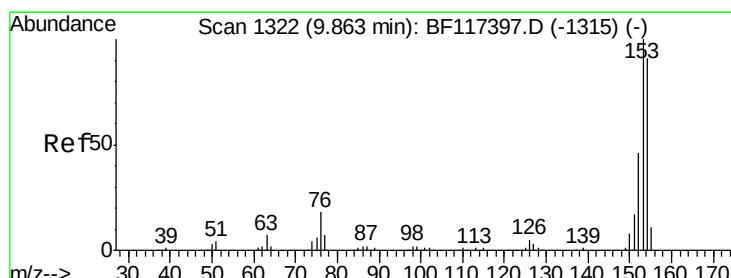
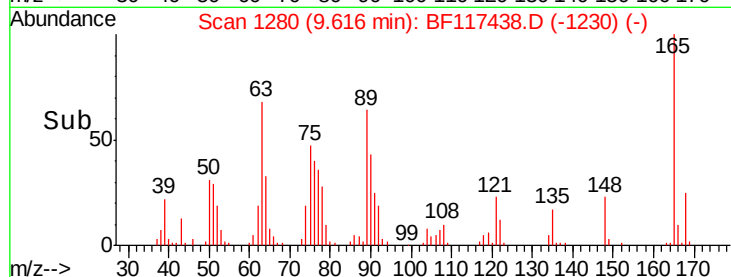
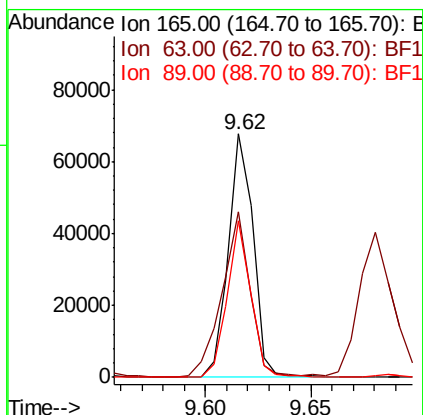
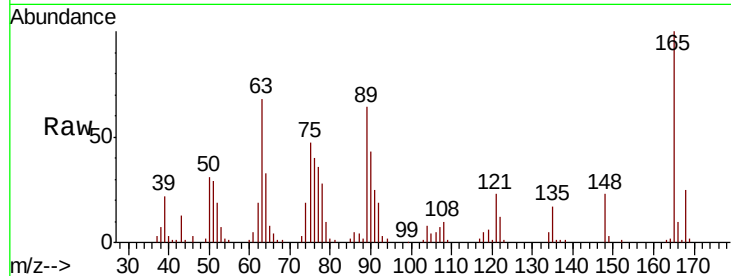
#51
2,6-Dinitrotoluene
Concen: 42.989 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF117438.D
Acq: 17 Oct 2019 22:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
165	100		
63	68.1	47.8	71.6
89	64.3	47.4	71.0

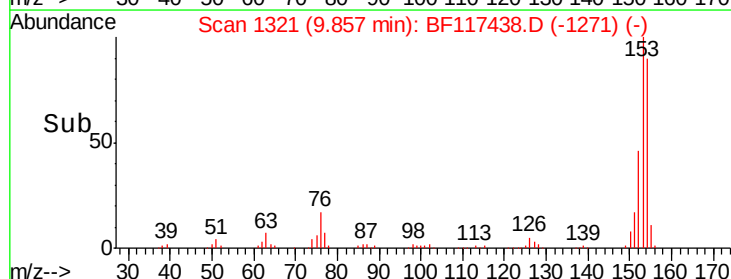
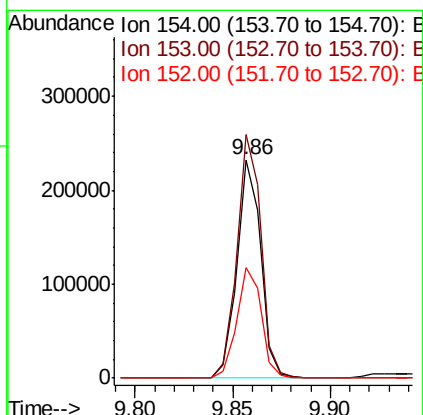
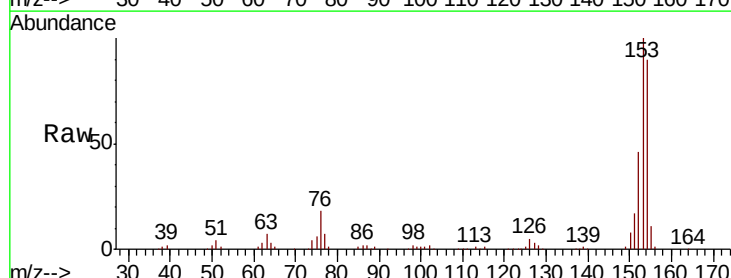
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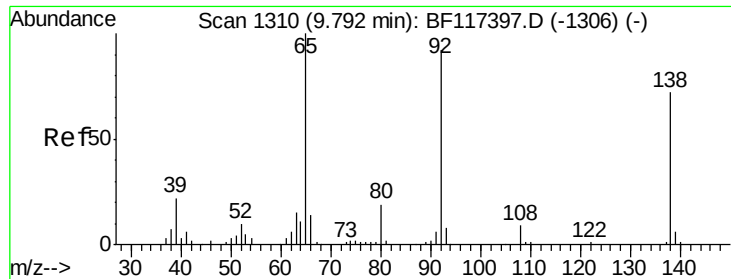
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#52
Acenaphthene
Concen: 41.240 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF117438.D
Acq: 17 Oct 2019 22:46

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.6	87.9	131.9
152	50.8	40.8	61.2





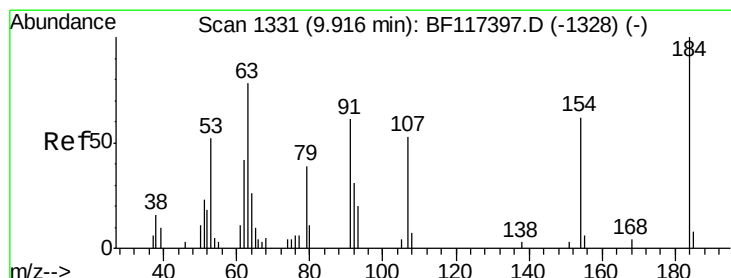
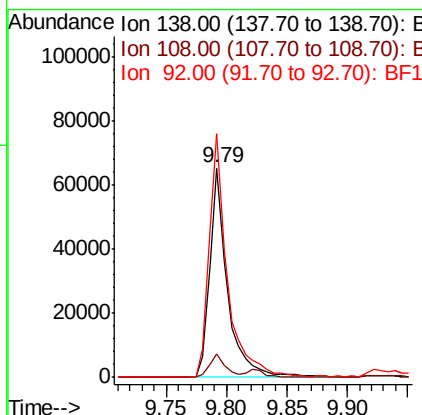
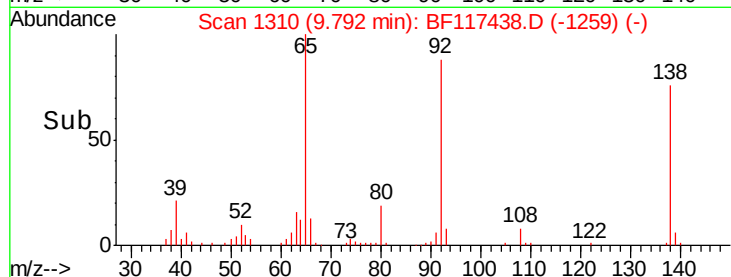
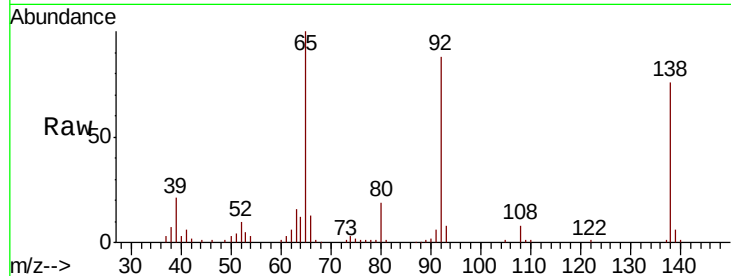
#53
3-Nitroaniline
Concen: 42.640 ng
RT: 9.79 min Scan# 1310
Delta R.T. 0.00 min
Lab File: BF117438.D
Acq: 17 Oct 2019 22:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.9	9.5	14.3
92	116.3	102.2	153.4

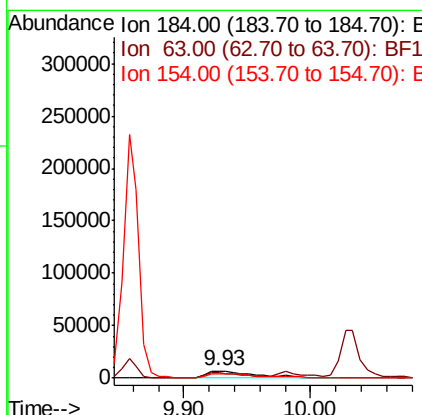
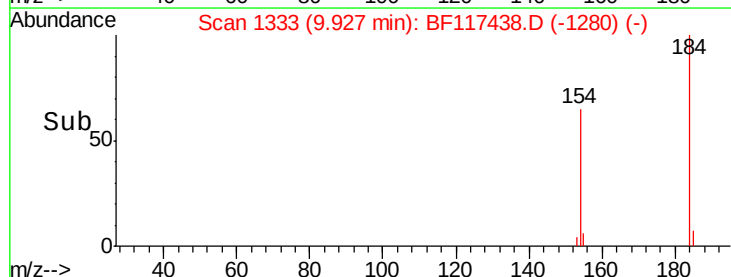
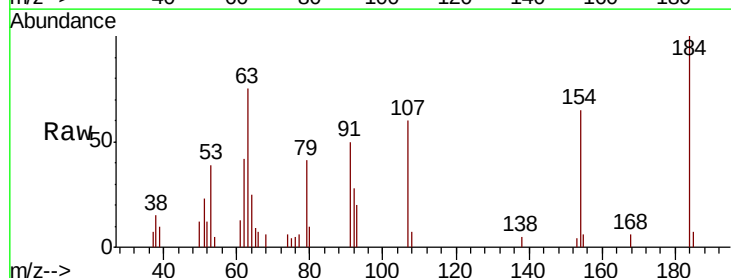
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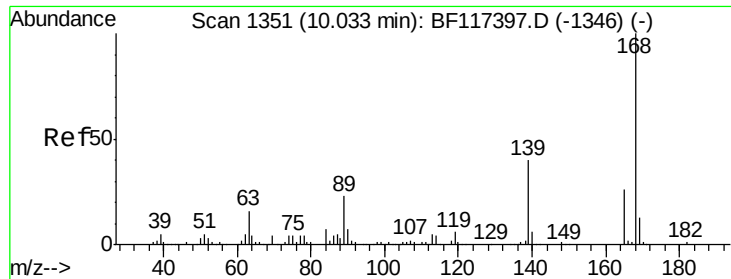
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#54
2,4-Dinitrophenol
Concen: 36.907 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.01 min
Lab File: BF117438.D
Acq: 17 Oct 2019 22:46

Tgt Ion	Ratio	Lower	Upper
184	100		
63	74.5	62.4	93.6
154	65.0	53.5	80.3





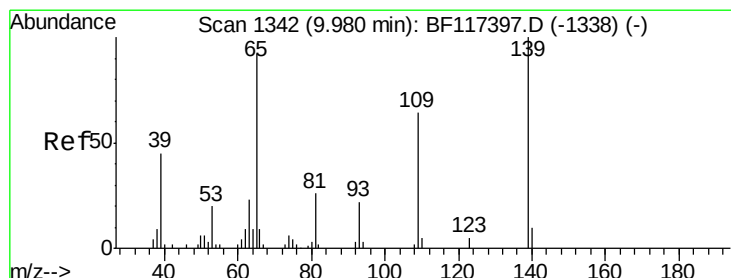
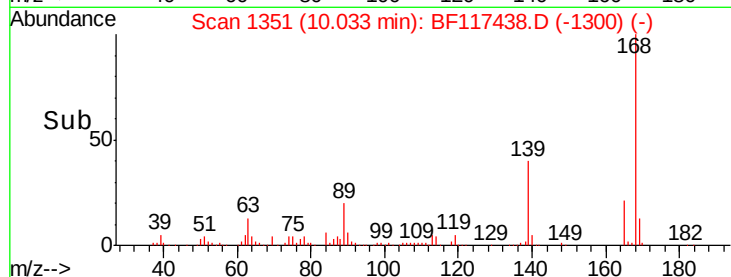
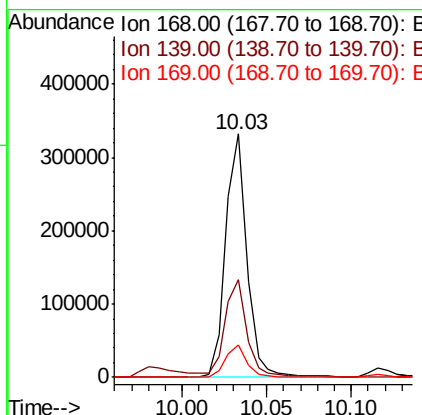
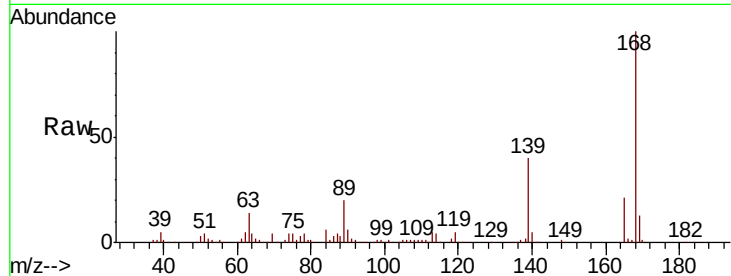
#55
Dibenzofuran
Concen: 41.712 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BF117438.D
Acq: 17 Oct 2019 22:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.9	33.3	49.9
169	13.4	10.7	16.1

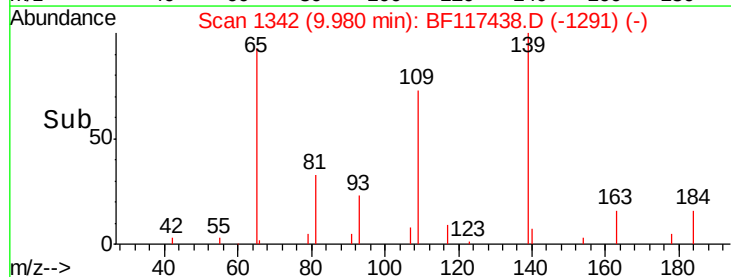
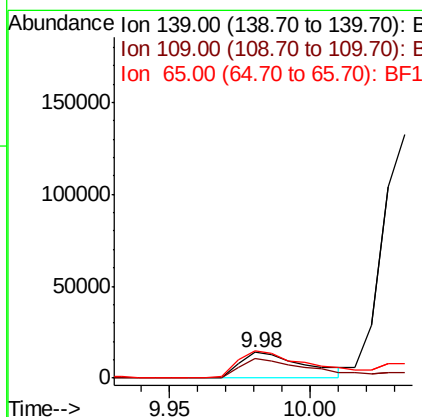
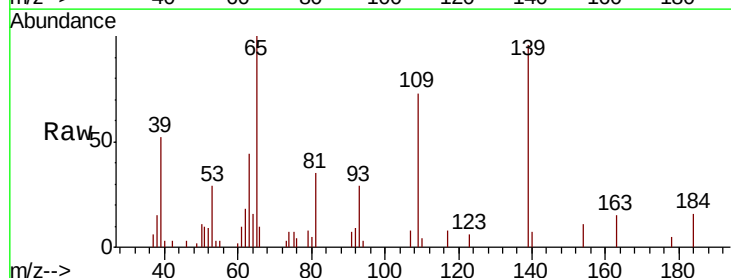
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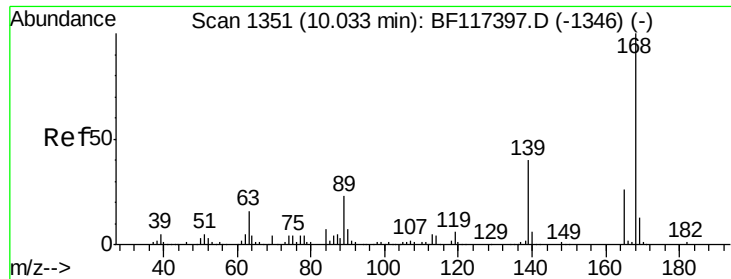
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#56
4-Nitrophenol
Concen: 35.093 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BF117438.D
Acq: 17 Oct 2019 22:46

Tgt Ion	Ratio	Lower	Upper
139	100		
109	76.0	43.8	83.8
65	103.8	73.9	113.9





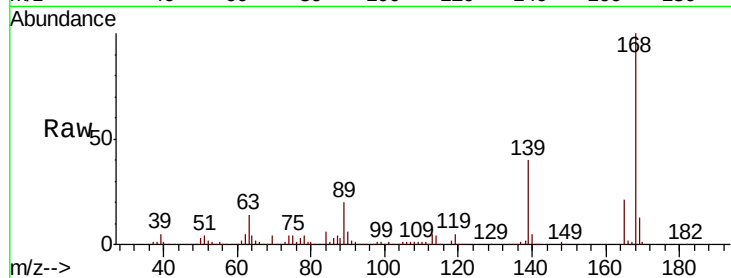
#57
 2,4-Dinitrotoluene
 Concen: 44.999 ng
 RT: 10.03 min Scan# 1351
 Delta R.T. 0.00 min
 Lab File: BF117438.D
 Acq: 17 Oct 2019 22:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
165	100		
63	64.6	51.0	76.4
89	93.5	70.7	106.1
182	2.2	2.1	3.1

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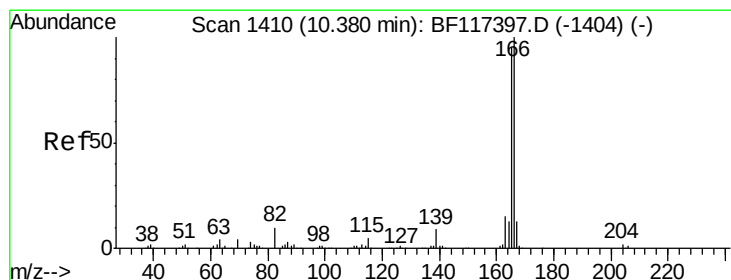
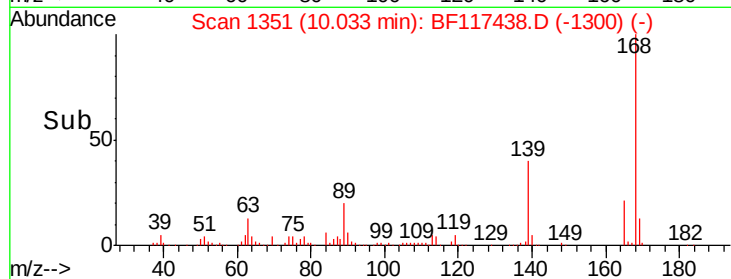
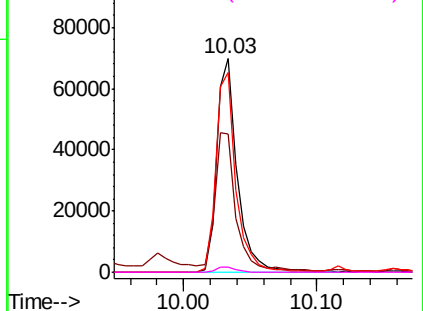
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 42.075 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. -0.01 min
 Lab File: BF117438.D
 Acq: 17 Oct 2019 22:46

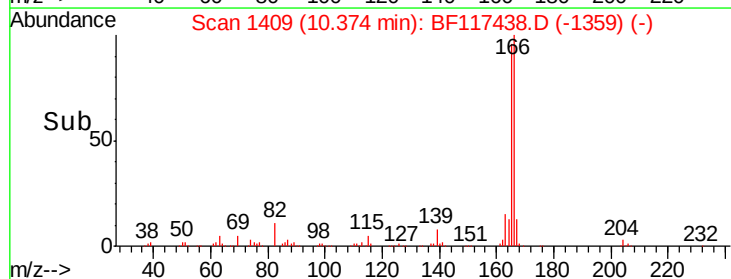
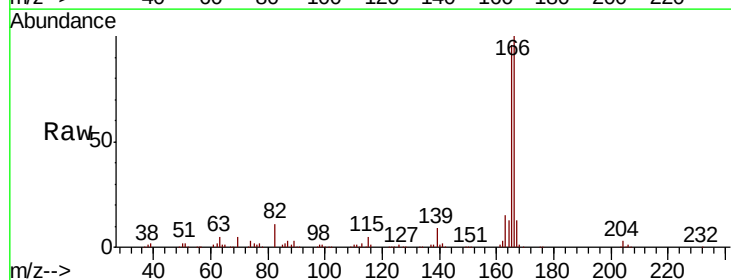
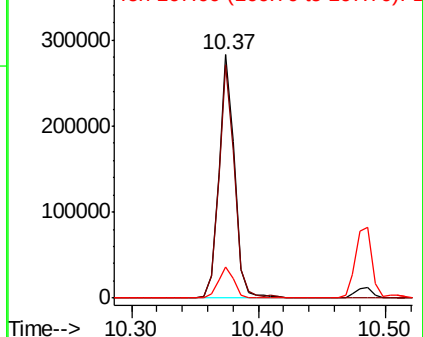
Tgt Ion	Ratio	Lower	Upper
166	100		
165	95.9	75.7	113.5
167	13.0	10.4	15.6

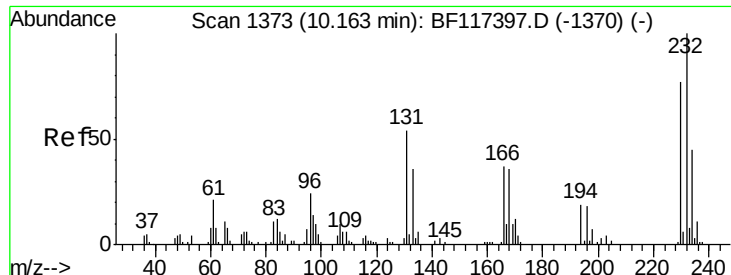
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





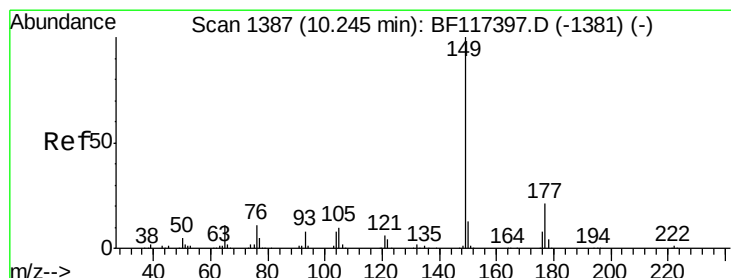
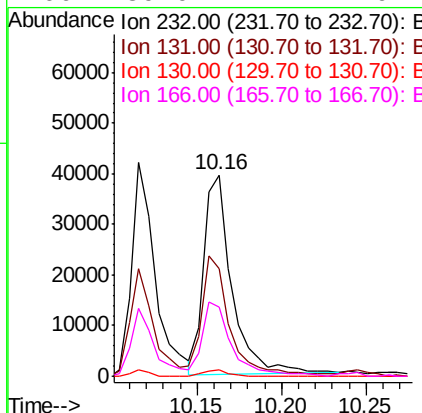
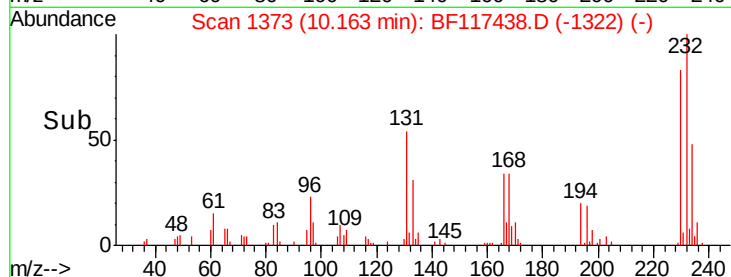
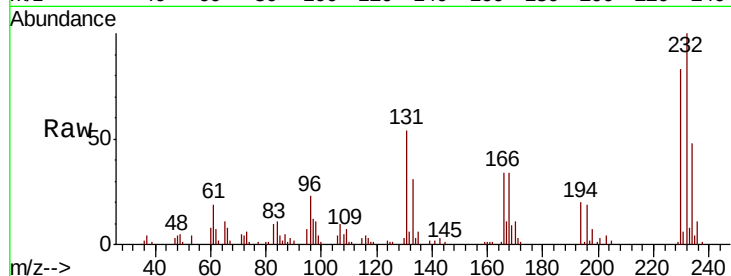
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.422 ng
RT: 10.16 min Scan# 1373
Delta R.T. 0.00 min
Lab File: BF117438.D
Acq: 17 Oct 2019 22:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
232	100		
131	62.3	44.5	66.7
130	2.7	2.0	3.0
166	39.0	27.1	40.7

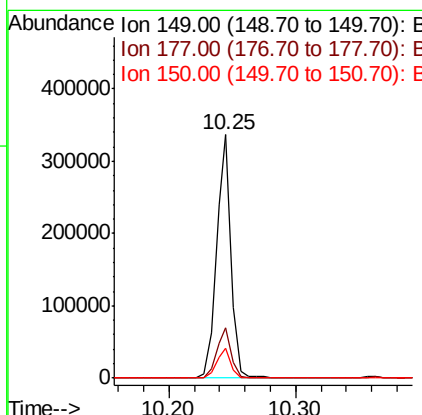
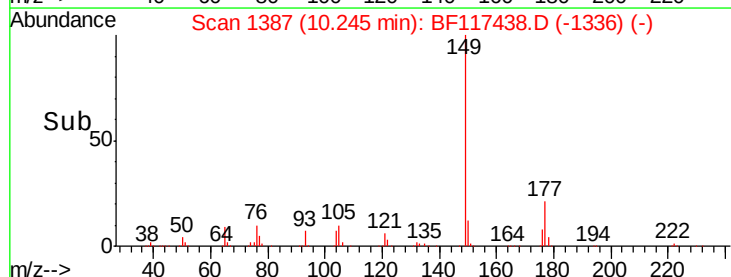
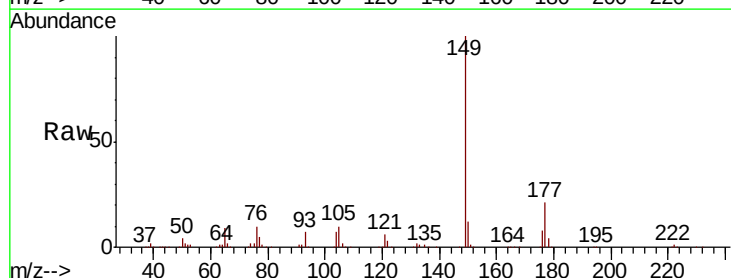
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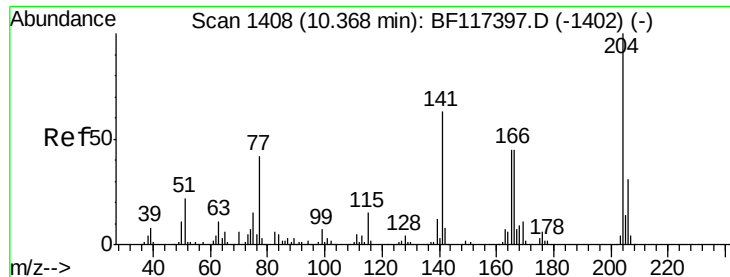
mohammad
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#60
Diethylphthalate
Concen: 44.174 ng
RT: 10.25 min Scan# 1387
Delta R.T. 0.00 min
Lab File: BF117438.D
Acq: 17 Oct 2019 22:46

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.9	16.5	24.7
150	12.0	10.1	15.1





#61

4-Chlorophenyl-phenylether

Concen: 42.338 ng

RT: 10.36 min Scan# 1407

Delta R.T. -0.01 min

Lab File: BF117438.D

Acq: 17 Oct 2019 22:46

Instrument :

BNA_F

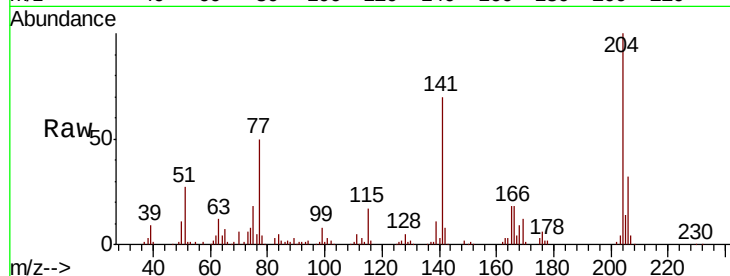
ClientSampleId :

SSTDCCC040EC

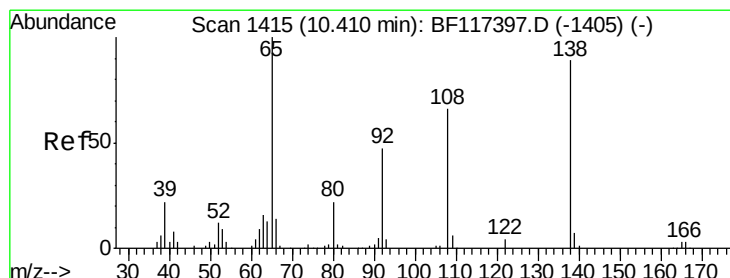
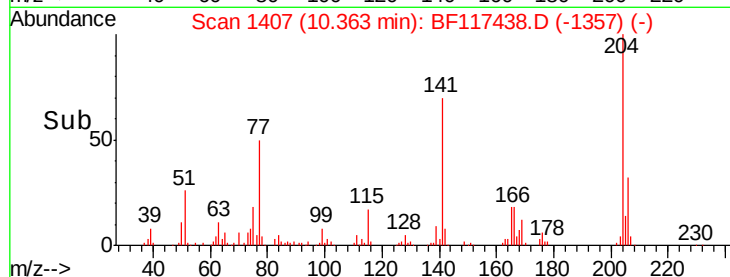
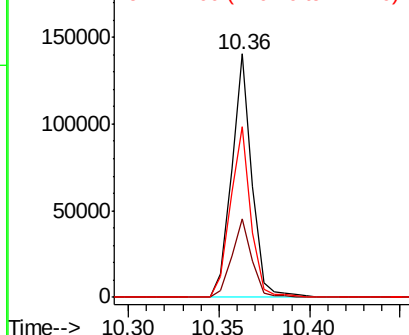
Tot Ion:	204	Resp:	108935
Ion Ratio	Lower	Upper	
204	100		
206	32.3	25.0	37.4
141	70.3	50.7	76.1

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Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 47.720 ng

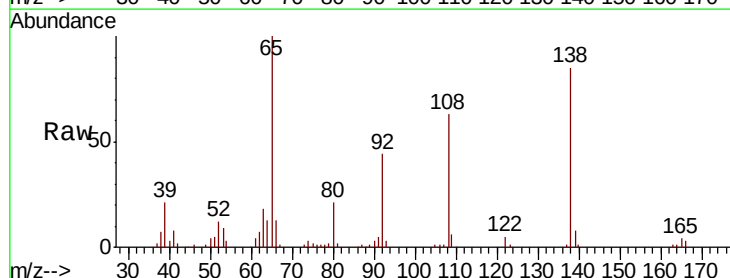
RT: 10.41 min Scan# 1415

Delta R.T. 0.00 min

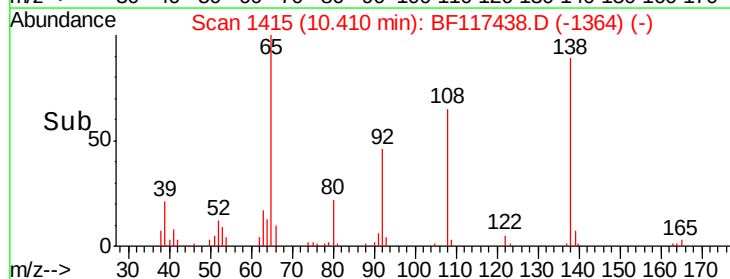
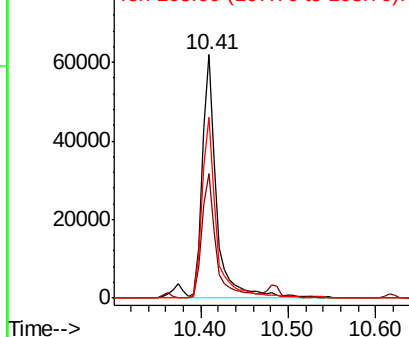
Lab File: BF117438.D

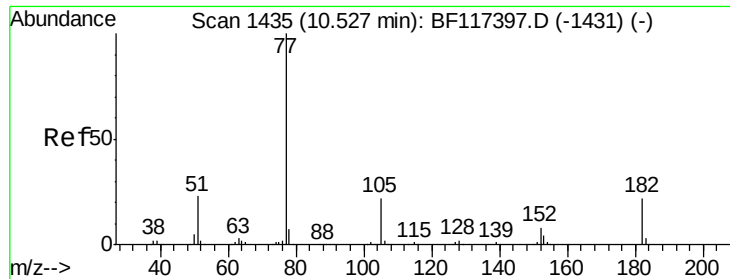
Acq: 17 Oct 2019 22:46

Tgt Ion:	138	Resp:	70527
Ion Ratio	Lower	Upper	
138	100		
92	51.3	32.4	72.4
108	74.5	53.8	93.8



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E





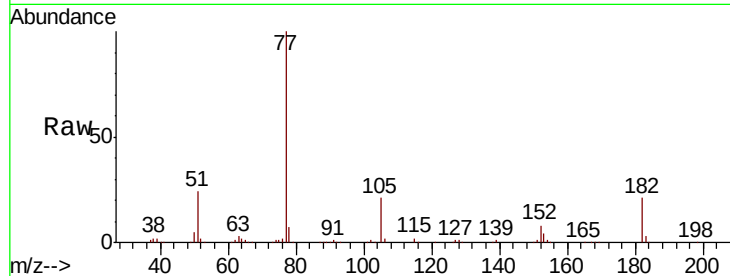
#63
Azobenzene
Concen: 42.560 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF117438.D
Acq: 17 Oct 2019 22:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

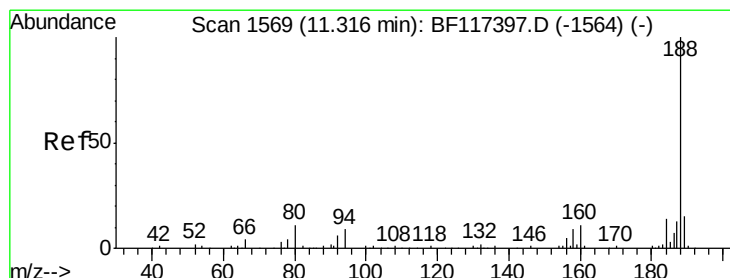
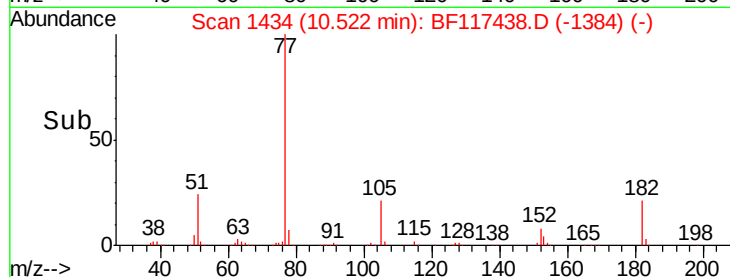
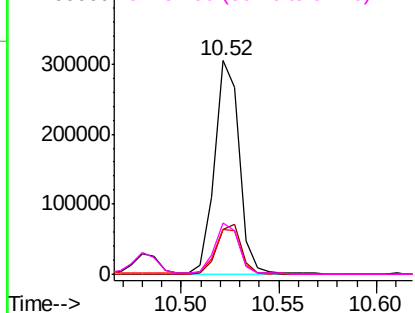
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		266637		
182	20.9	1.5	41.5		
105	20.9	1.8	41.8		
51	24.1	3.3	43.3		

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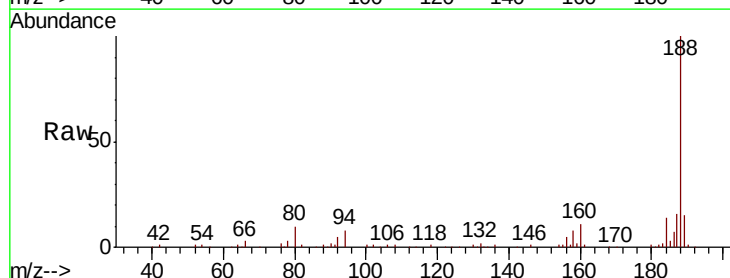


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

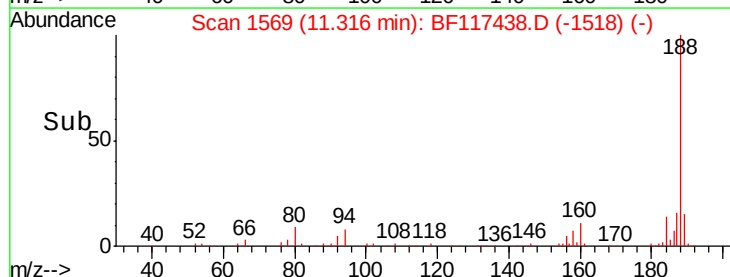
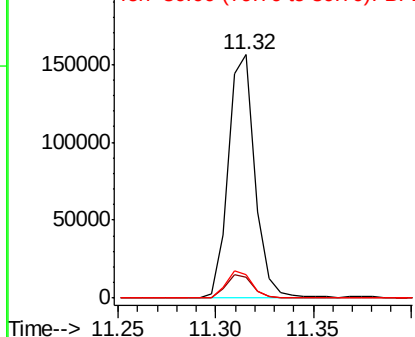


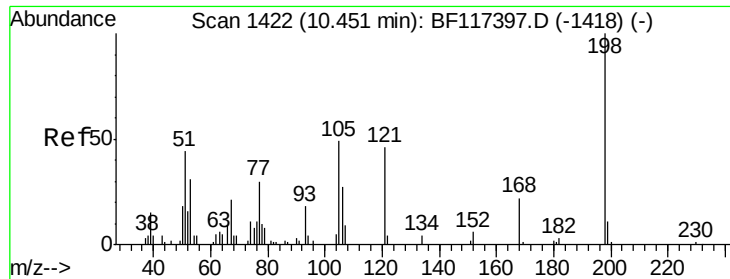
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BF117438.D
Acq: 17 Oct 2019 22:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		148739		
94	8.4	7.5	11.3		
80	9.6	8.7	13.1		



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





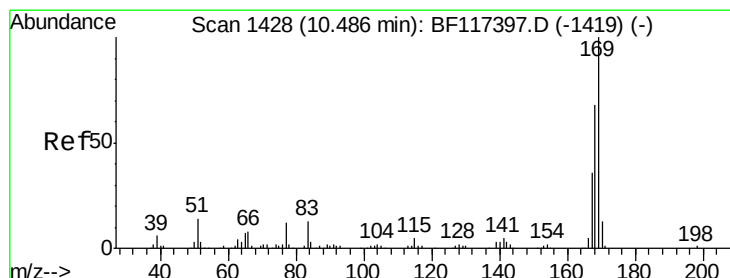
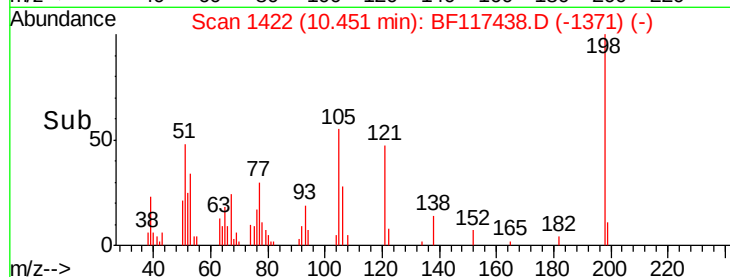
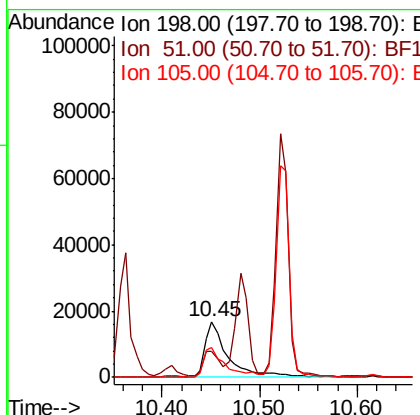
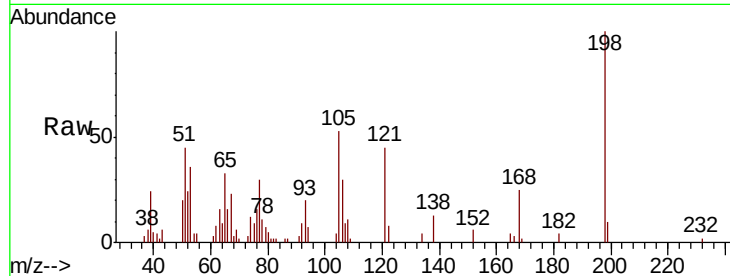
#65
 4,6-Dinitro-2-methylphenol
 Concen: 35.825 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. 0.00 min
 Lab File: BF117438.D
 Acq: 17 Oct 2019 22:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
198	100		
51	45.4	25.9	65.9
105	52.7	29.4	69.4

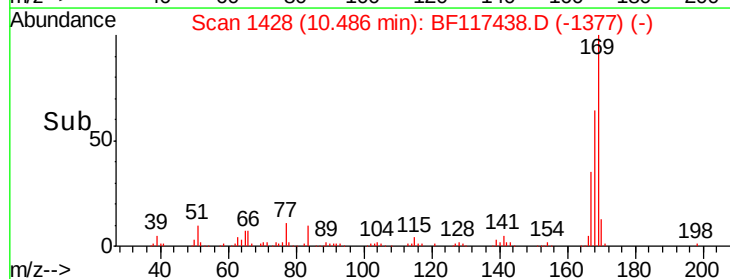
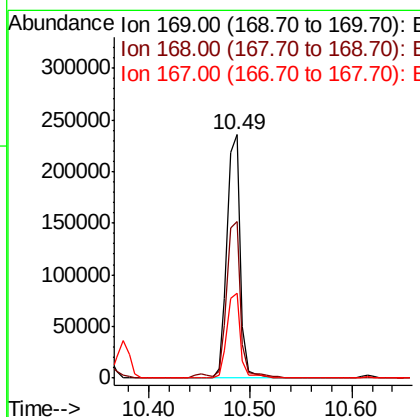
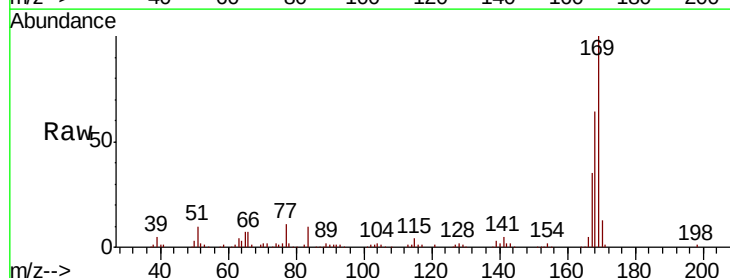
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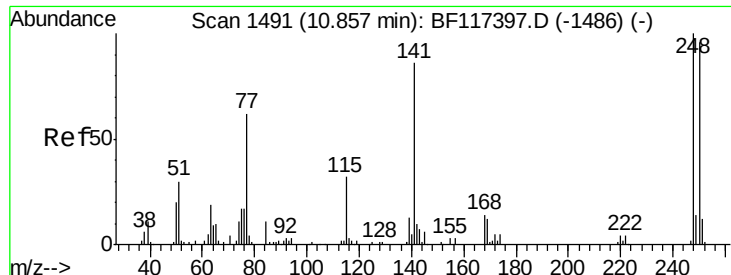
mohammad
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#66
 n-Nitrosodiphenylamine
 Concen: 38.803 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. 0.00 min
 Lab File: BF117438.D
 Acq: 17 Oct 2019 22:46

Tgt Ion	Ratio	Lower	Upper
169	100		
168	64.4	54.1	81.1
167	34.9	28.8	43.2





#67

4-Bromophenyl-phenylether

Concen: 38.671 ng

RT: 10.85 min Scan# 1490

Delta R.T. -0.01 min

Lab File: BF117438.D

Acq: 17 Oct 2019 22:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:248 Resp: 63088

Ion Ratio Lower Upper

248 100

250 96.3 77.1 115.7

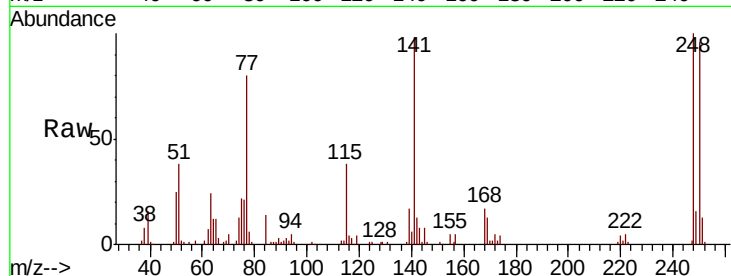
141 97.8 69.1 103.7

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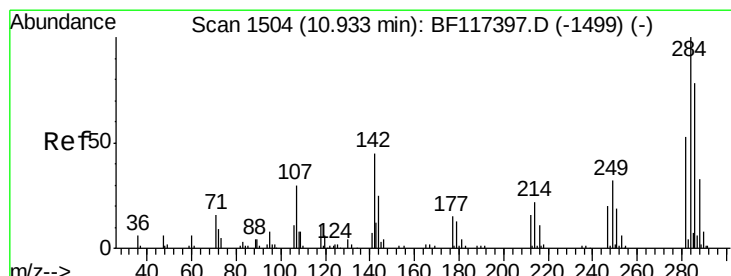
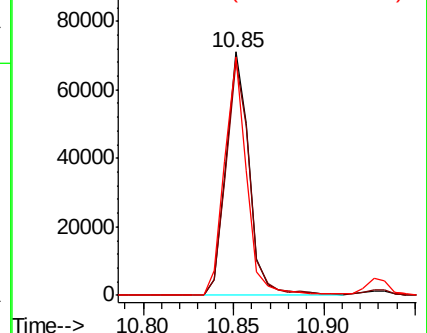
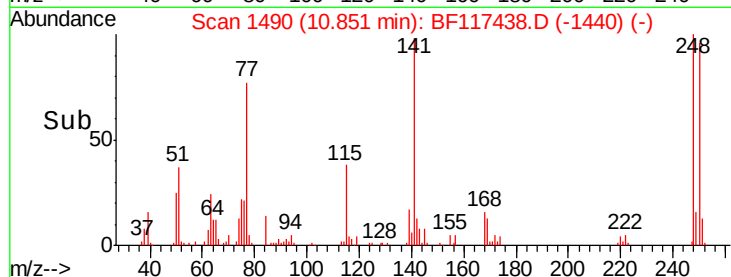
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Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 38.822 ng

RT: 10.93 min Scan# 1504

Delta R.T. 0.00 min

Lab File: BF117438.D

Acq: 17 Oct 2019 22:46

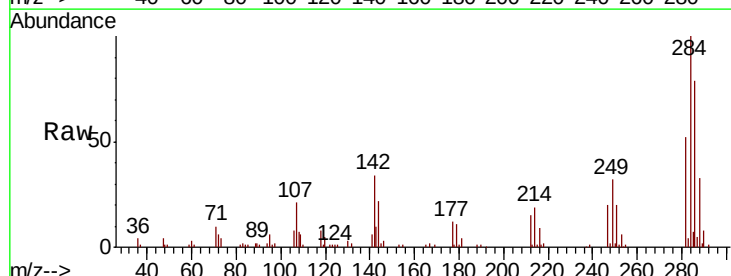
Tgt Ion:284 Resp: 68018

Ion Ratio Lower Upper

284 100

142 34.3 35.7 53.5#

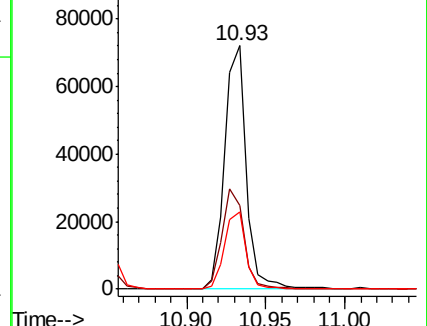
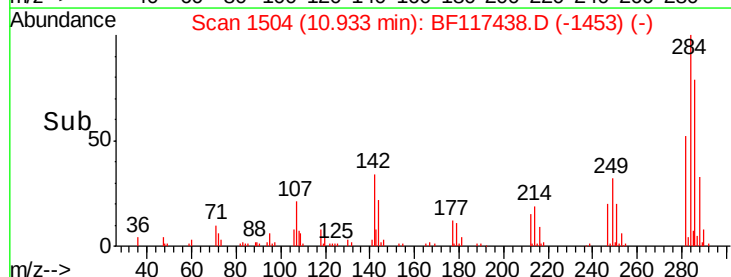
249 31.9 25.8 38.6

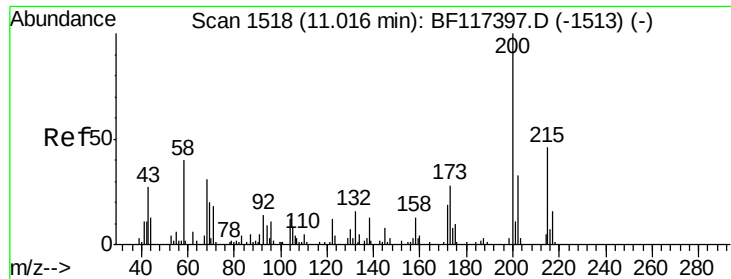


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





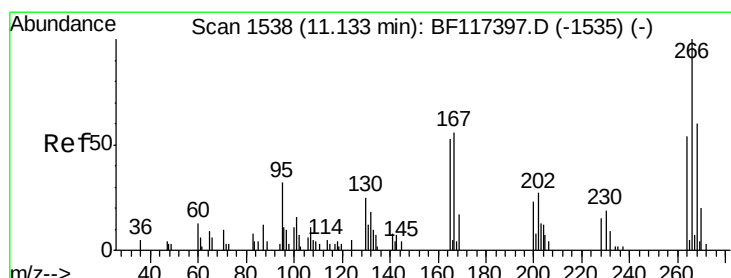
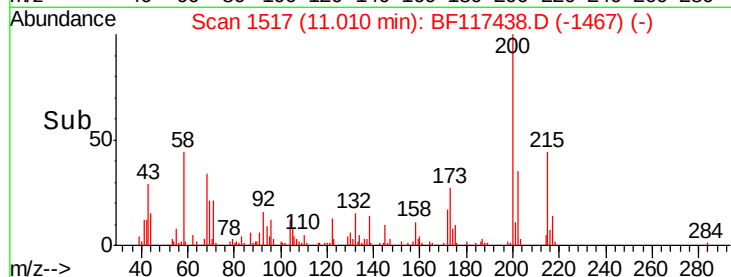
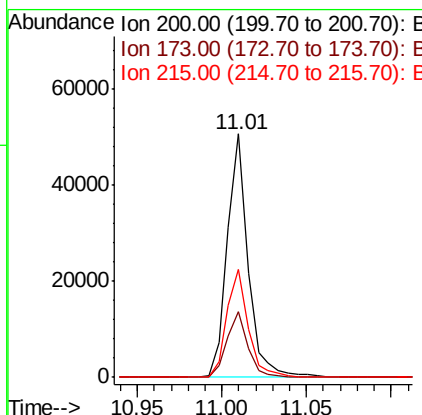
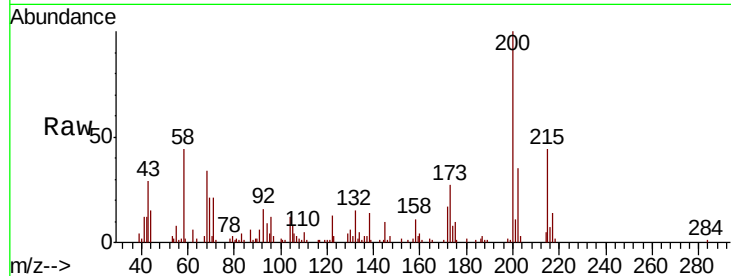
#69
Atrazine
Concen: 48.410 ng
RT: 11.01 min Scan# 1517
Delta R.T. -0.01 min
Lab File: BF117438.D
Acq: 17 Oct 2019 22:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.0	8.0	48.0
215	44.5	25.8	65.8

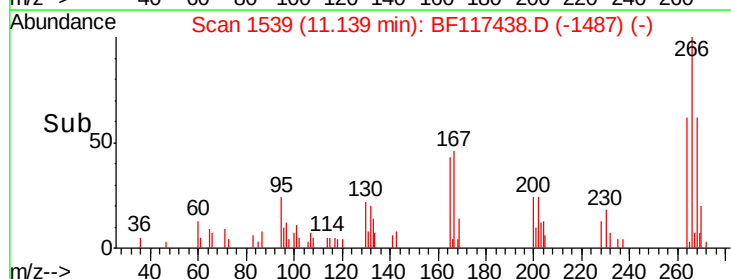
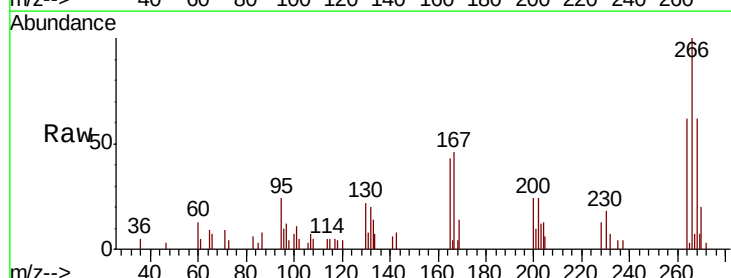
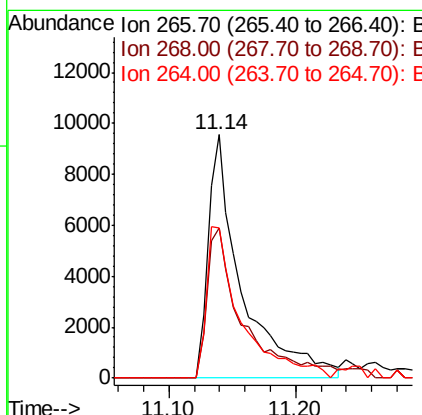
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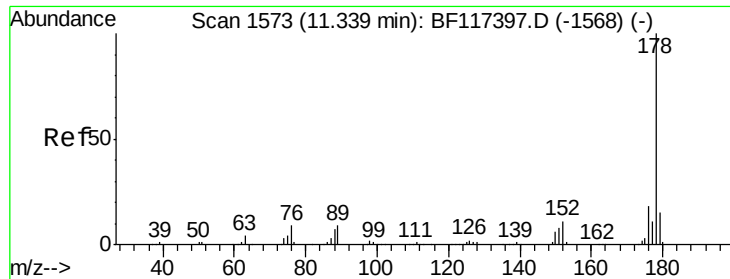
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#70
Pentachlorophenol
Concen: 33.668 ng
RT: 11.14 min Scan# 1539
Delta R.T. 0.01 min
Lab File: BF117438.D
Acq: 17 Oct 2019 22:46

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.6	47.8	71.6
264	61.7	42.9	64.3





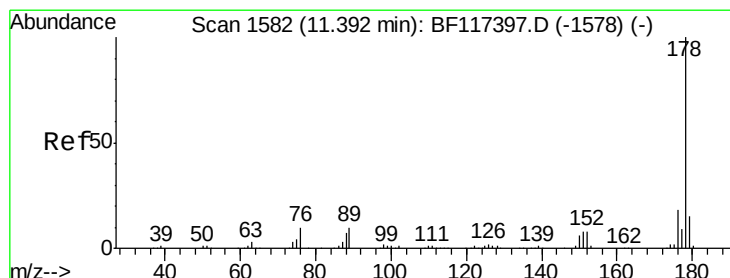
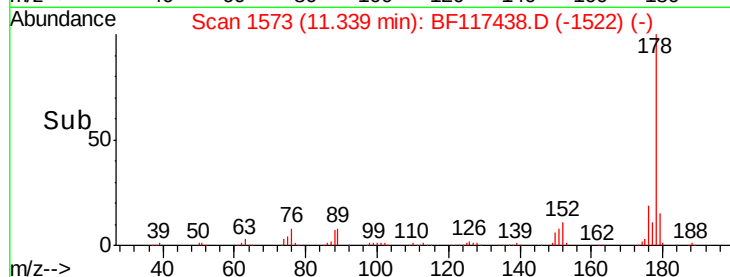
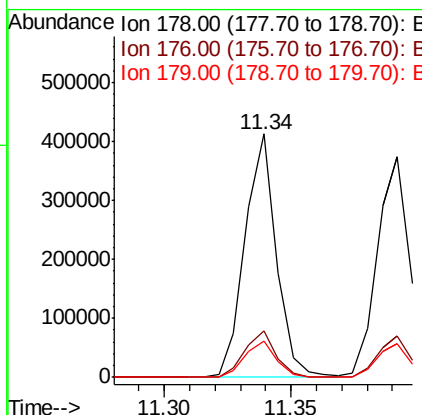
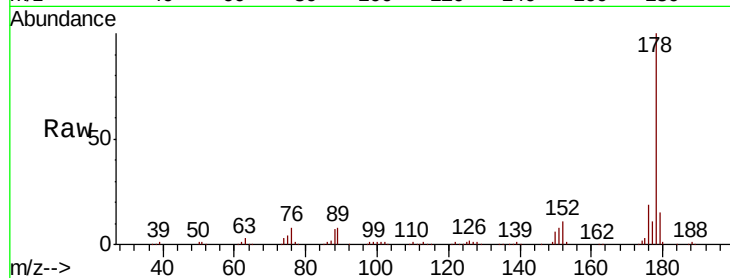
#71
 Phenanthrene
 Concen: 40.585 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: BF117438.D
 Acq: 17 Oct 2019 22:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.6	22.0
179	15.0	12.3	18.5

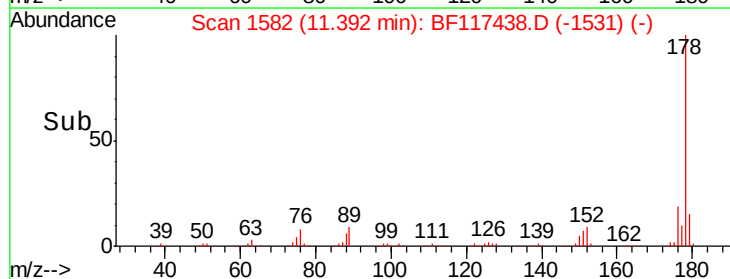
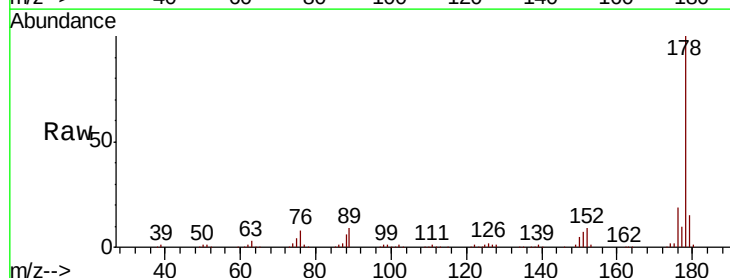
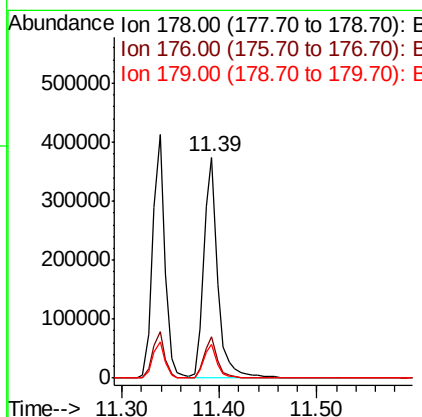
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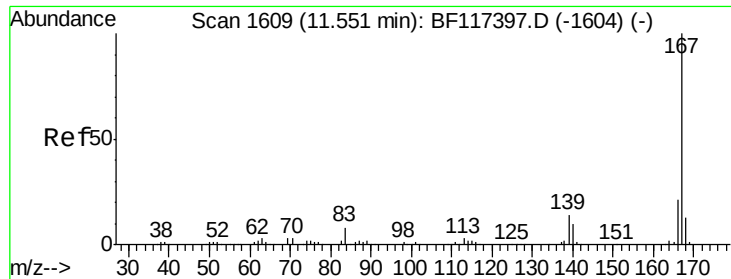
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#72
 Anthracene
 Concen: 40.705 ng
 RT: 11.39 min Scan# 1582
 Delta R.T. 0.00 min
 Lab File: BF117438.D
 Acq: 17 Oct 2019 22:46

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.4	21.6
179	15.2	12.1	18.1





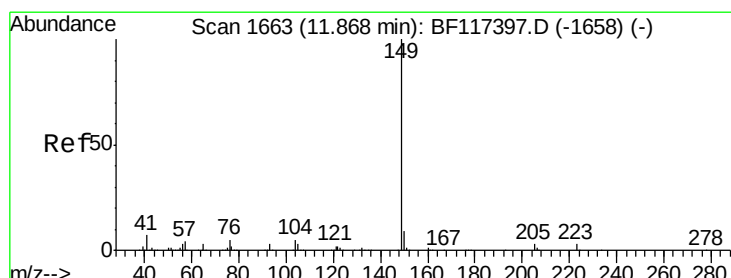
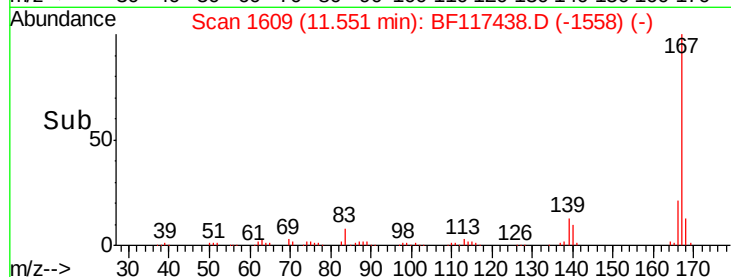
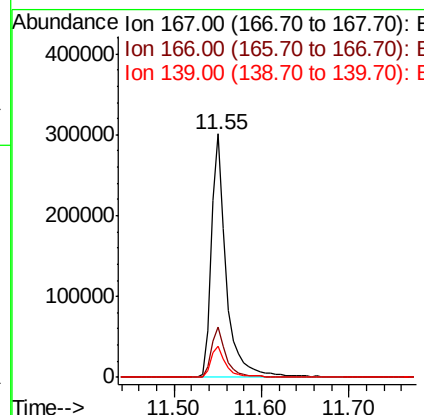
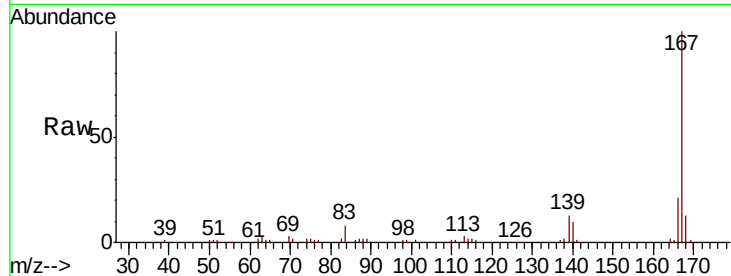
#73
 Carbazole
 Concen: 42.951 ng
 RT: 11.55 min Scan# 1609
 Delta R.T. 0.00 min
 Lab File: BF117438.D
 Acq: 17 Oct 2019 22:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
167	100	354132		
166	20.7	17.0	25.4	
139	12.5	10.8	16.2	

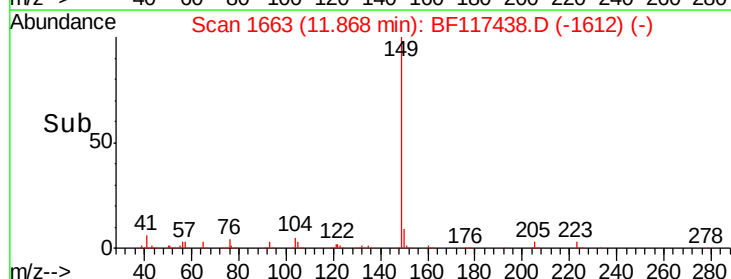
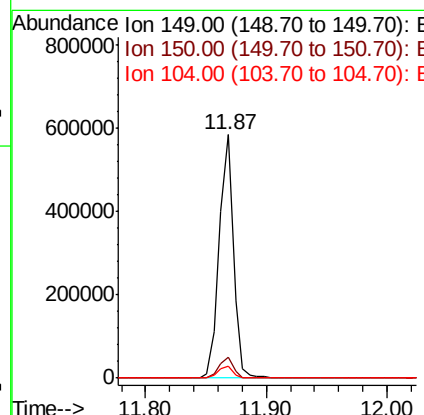
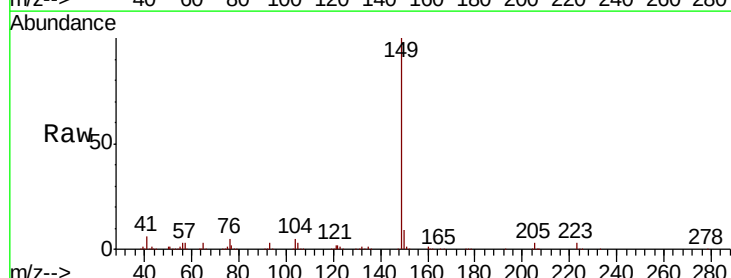
Manual Integrations
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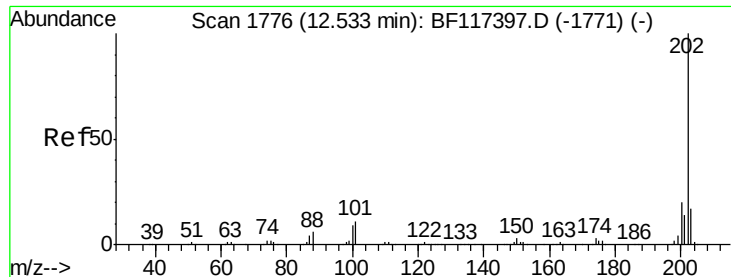
mohammad
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#74
 Di-n-butylphthalate
 Concen: 42.403 ng
 RT: 11.87 min Scan# 1663
 Delta R.T. 0.00 min
 Lab File: BF117438.D
 Acq: 17 Oct 2019 22:46

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	473409		
150	8.8	7.0	10.6	
104	4.6	4.2	6.2	





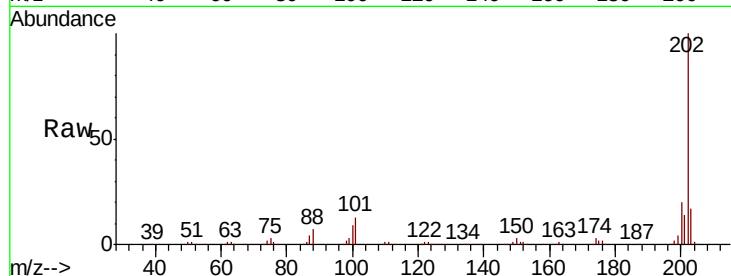
#75
Fluoranthene
Concen: 44.687 ng
RT: 12.53 min Scan# 1775
Delta R.T. -0.01 min
Lab File: BF117438.D
Acq: 17 Oct 2019 22:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.6	0.0	31.3
203	17.3	0.0	36.9

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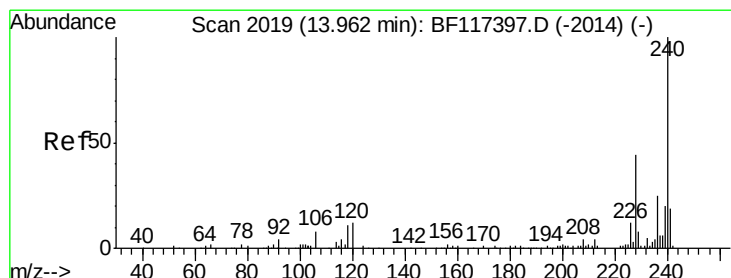
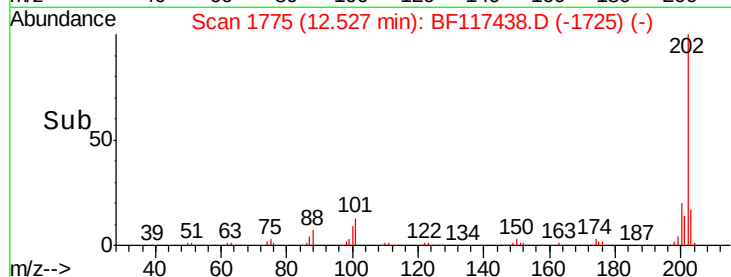
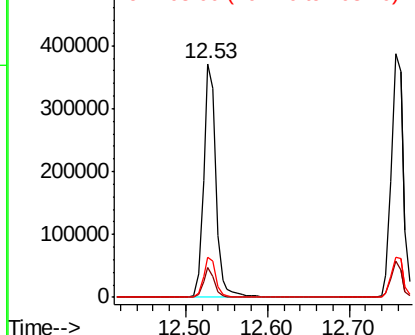


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BF117438.D
Acq: 17 Oct 2019 22:46

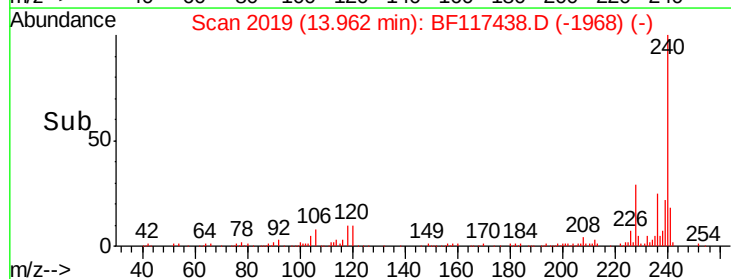
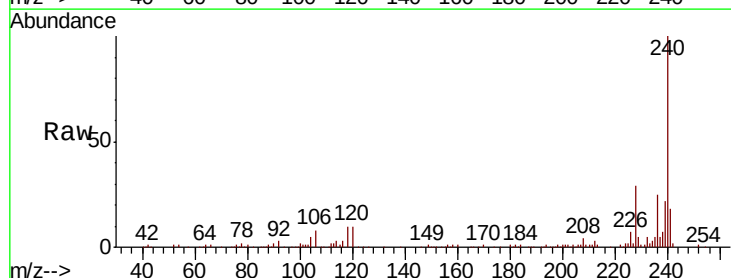
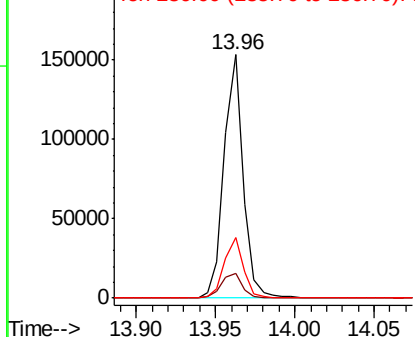
Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	10.3	9.4	14.0
236	24.7	19.8	29.6

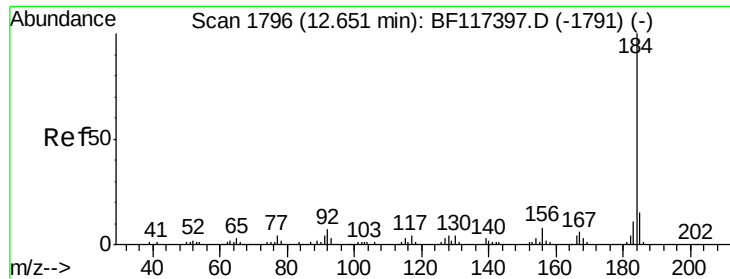
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 46.059 ng

RT: 12.65 min Scan# 1796

Delta R.T. 0.00 min

Lab File: BF117438.D

Acq: 17 Oct 2019 22:46

Instrument :

BNA_F

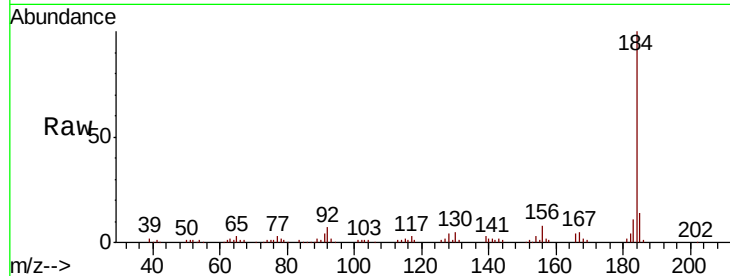
ClientSampleId :

SSTDCCC040EC

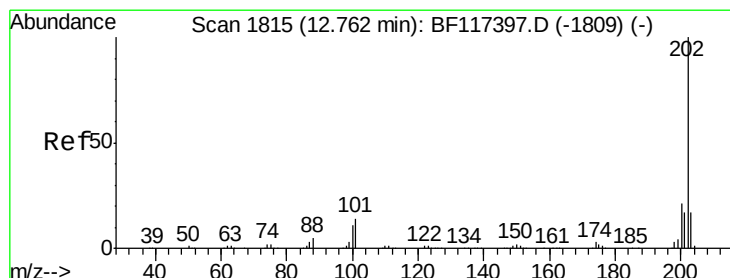
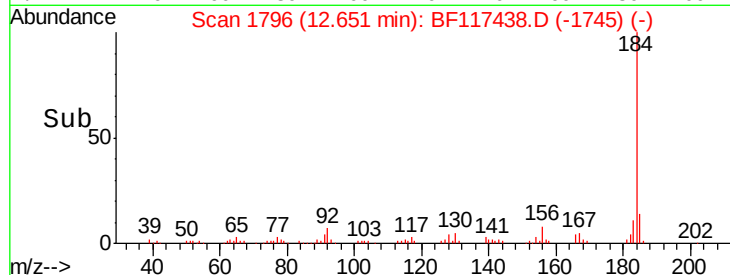
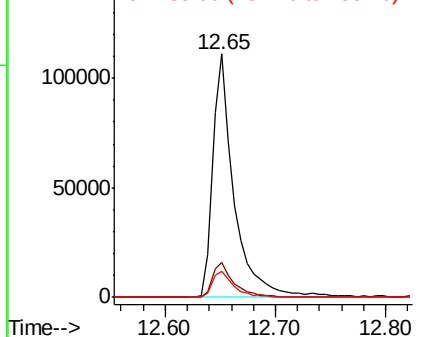
Tot Ion:	184	Resp:	146708
Ion Ratio	Lower	Upper	
184	100		
185	14.4	12.2	18.2
183	10.9	8.9	13.3

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 35.277 ng

RT: 12.76 min Scan# 1814

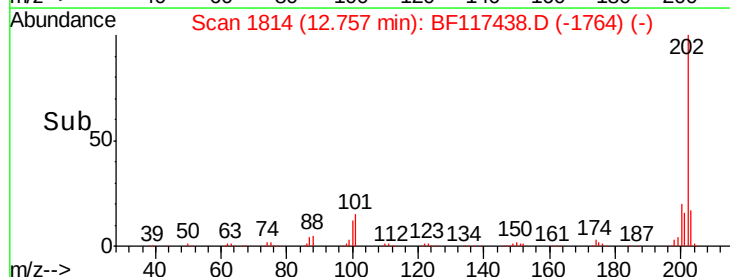
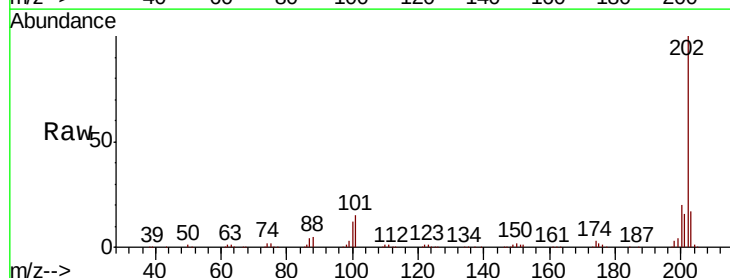
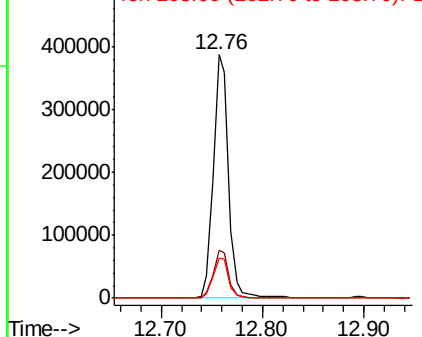
Delta R.T. -0.01 min

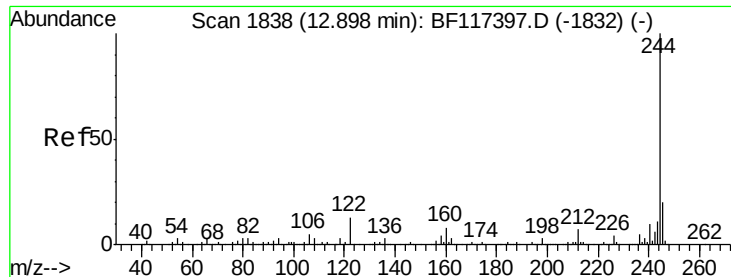
Lab File: BF117438.D

Acq: 17 Oct 2019 22:46

Tgt Ion:	202	Resp:	401597
Ion Ratio	Lower	Upper	
202	100		
200	19.8	16.8	25.2
203	16.6	14.0	21.0

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





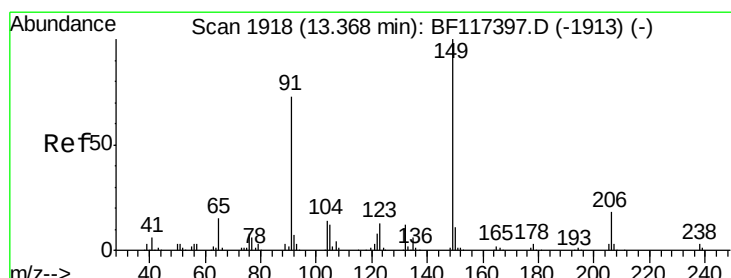
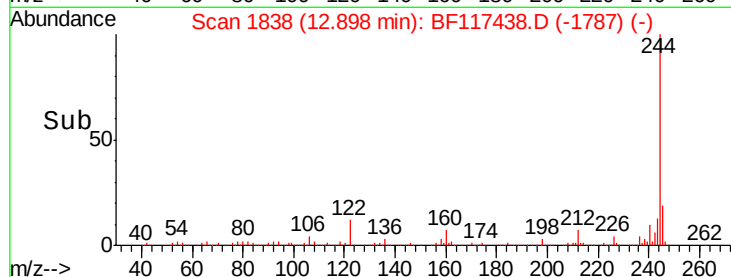
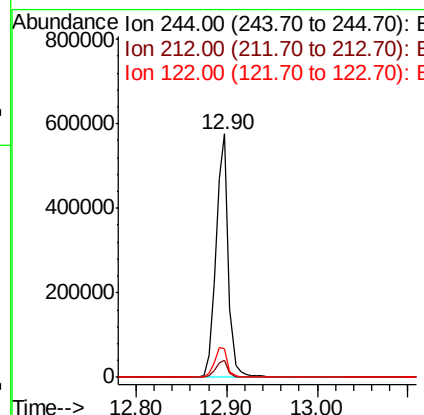
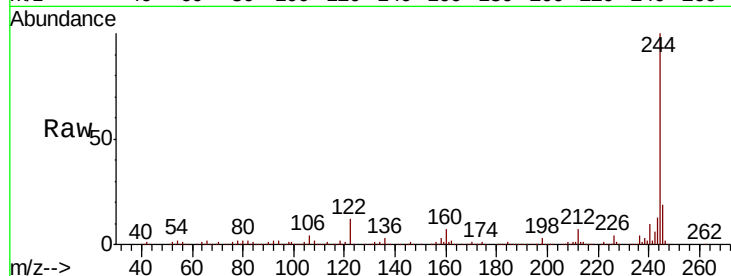
#79
 Terphenyl-d14
 Concen: 69.783 ng
 RT: 12.90 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: BF117438.D
 Acq: 17 Oct 2019 22:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.7	8.5
122	11.8	10.7	16.1

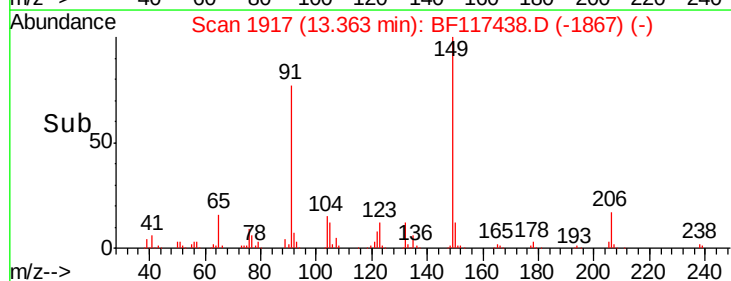
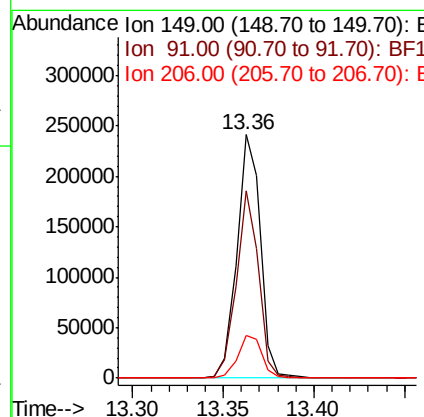
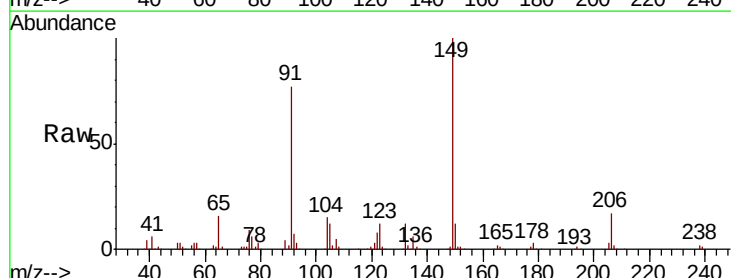
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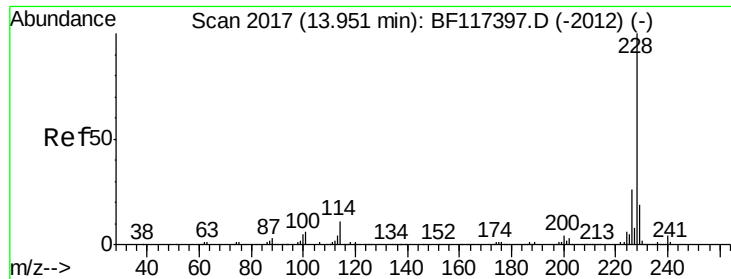
mohammad
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#80
 Butylbenzylphthalate
 Concen: 38.096 ng
 RT: 13.36 min Scan# 1917
 Delta R.T. -0.01 min
 Lab File: BF117438.D
 Acq: 17 Oct 2019 22:46

Tgt Ion	Ratio	Lower	Upper
149	100		
91	76.8	58.5	87.7
206	17.5	14.4	21.6





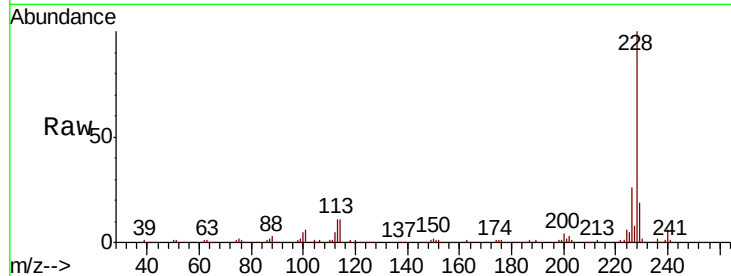
#81
Benzo(a)anthracene
Concen: 39.725 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BF117438.D
Acq: 17 Oct 2019 22:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.1	20.9	31.3
229	18.9	15.2	22.8

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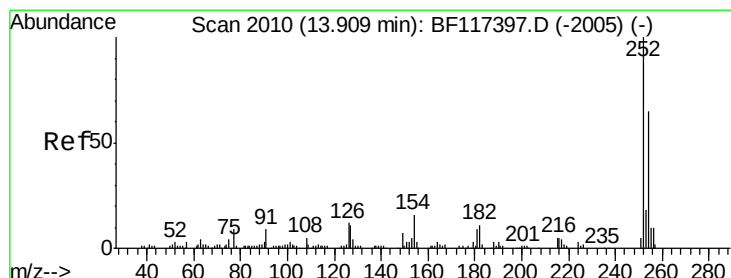
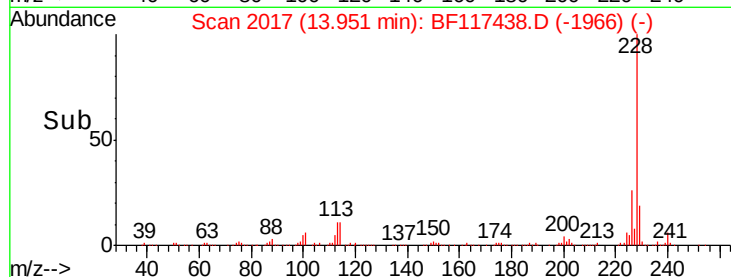
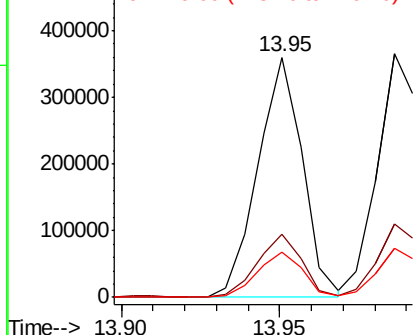


Abundance

Ion 228.00 (227.70 to 228.70): E

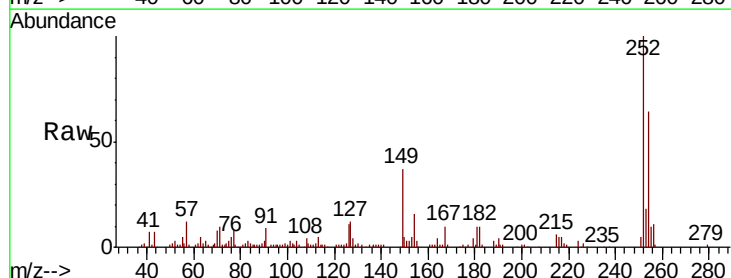
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 42.209 ng
RT: 13.91 min Scan# 2010
Delta R.T. 0.00 min
Lab File: BF117438.D
Acq: 17 Oct 2019 22:46

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.8	51.6	77.4
126	10.8	9.6	14.4

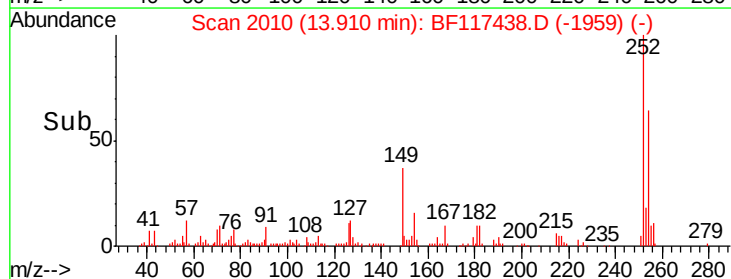
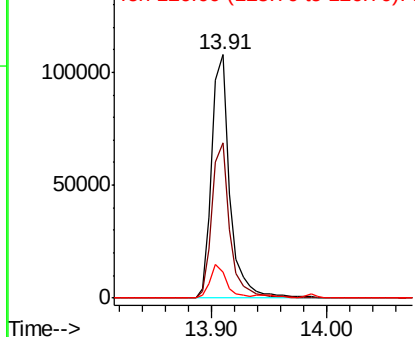


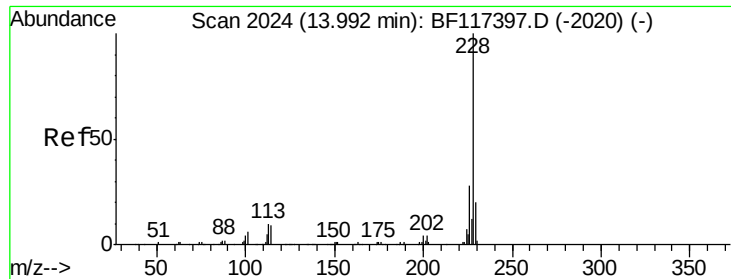
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





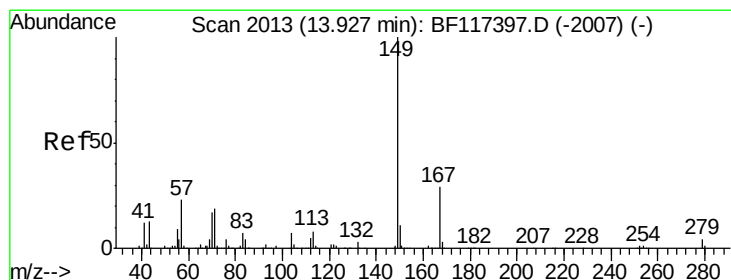
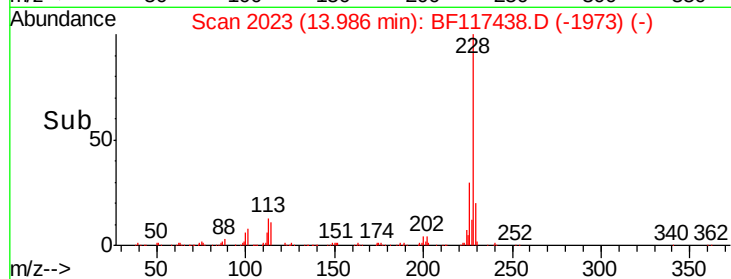
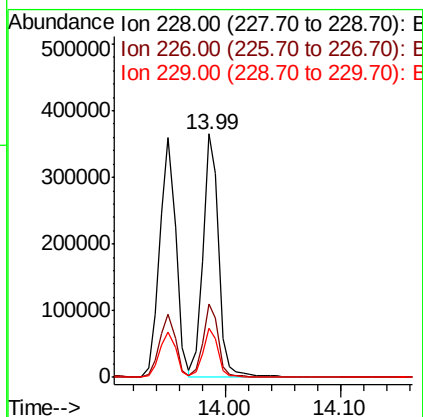
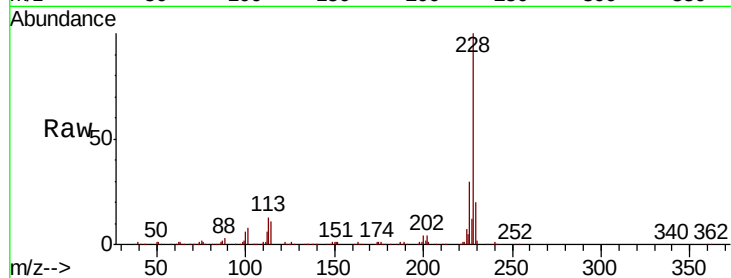
#83
Chrysene
Concen: 39.884 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF117438.D
Acq: 17 Oct 2019 22:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.0	22.8	34.2
229	20.1	15.7	23.5

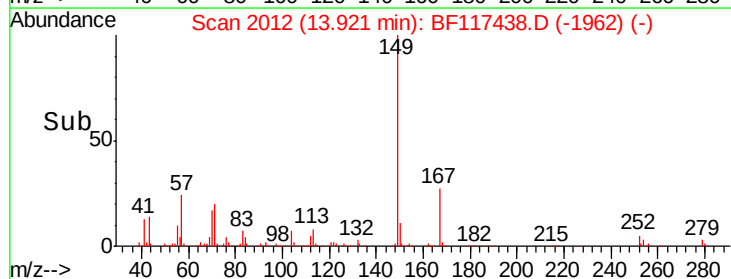
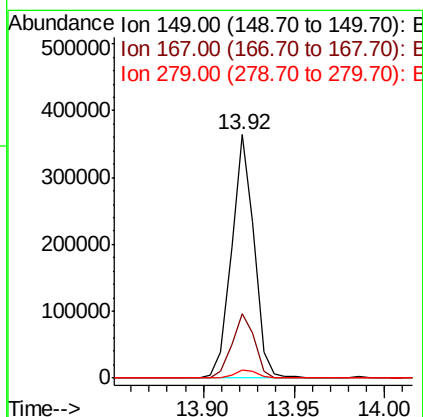
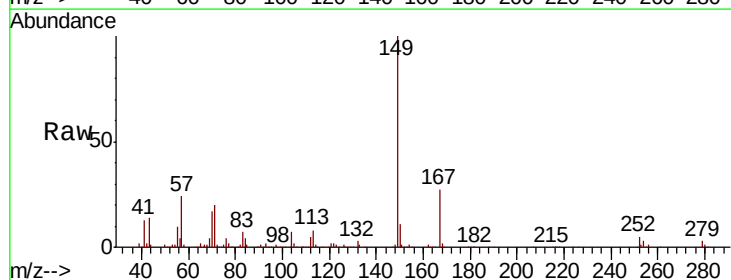
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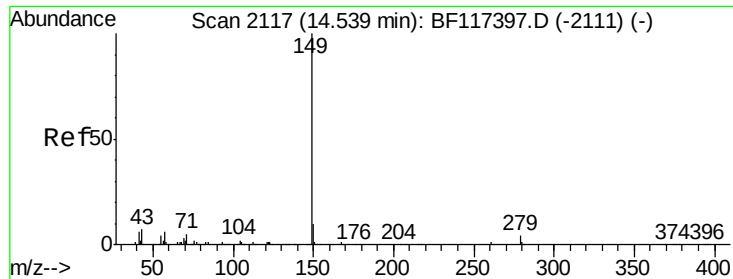
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 39.073 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF117438.D
Acq: 17 Oct 2019 22:46

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.7	23.0	34.6
279	3.3	3.0	4.6





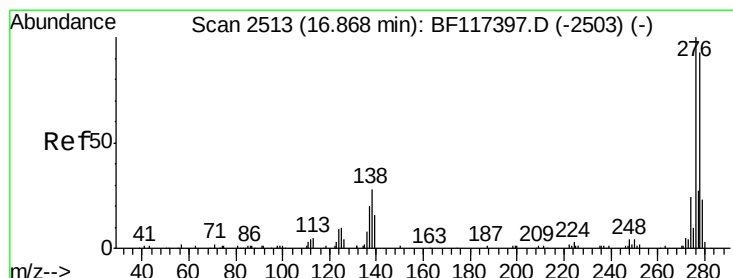
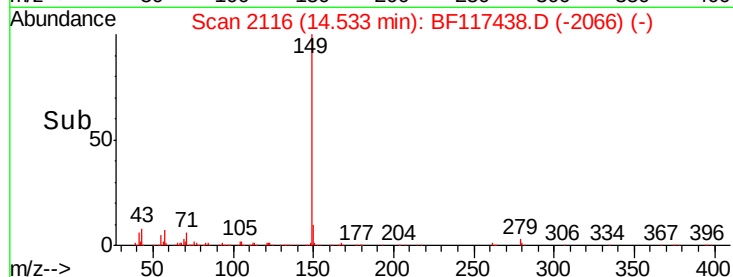
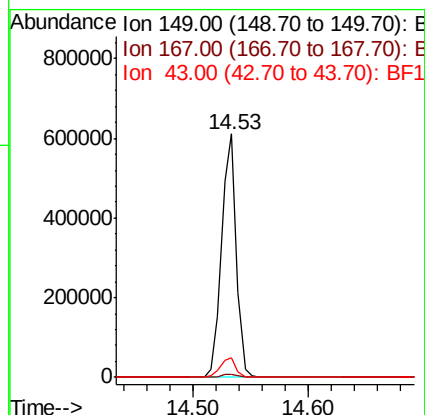
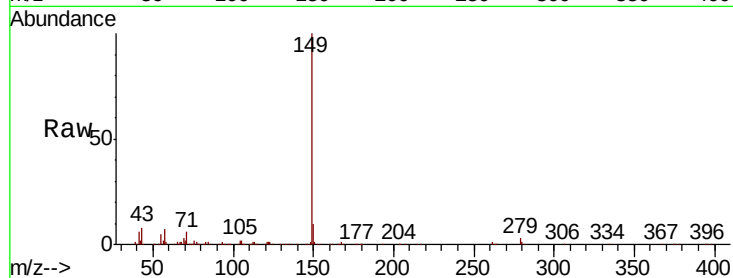
#85
Di-n-octyl phthalate
Concen: 43.647 ng
RT: 14.53 min Scan# 2116
Delta R.T. -0.01 min
Lab File: BF117438.D
Acq: 17 Oct 2019 22:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
149	100				
167	1.4		1.1	1.7	
43	8.5		6.6	9.8	

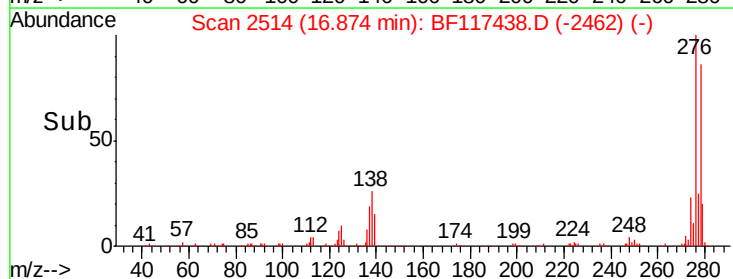
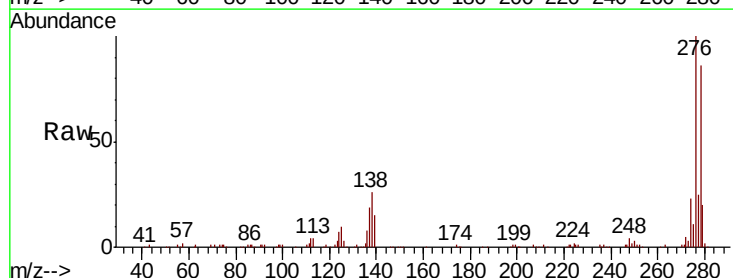
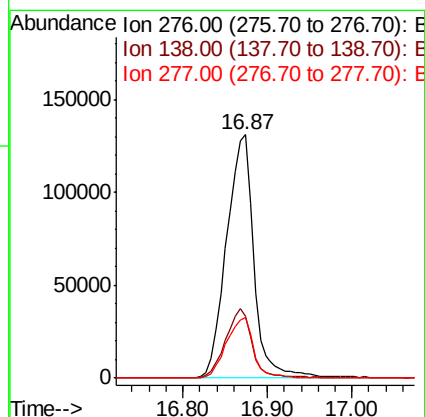
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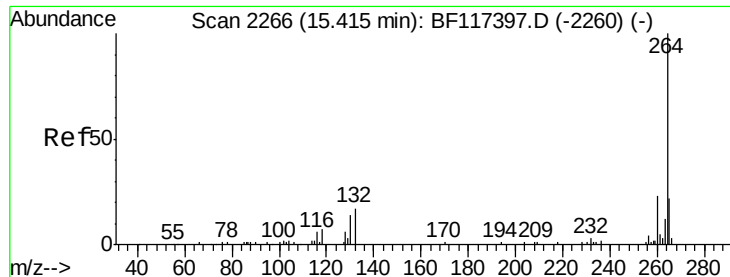
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 48.260 ng
RT: 16.87 min Scan# 2514
Delta R.T. 0.01 min
Lab File: BF117438.D
Acq: 17 Oct 2019 22:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
276	100				
138	27.5		21.5	32.3	
277	24.7		20.1	30.1	





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.41 min Scan# 2265

Delta R.T. -0.01 min

Lab File: BF117438.D

Acq: 17 Oct 2019 22:46

Instrument :

BNA_F

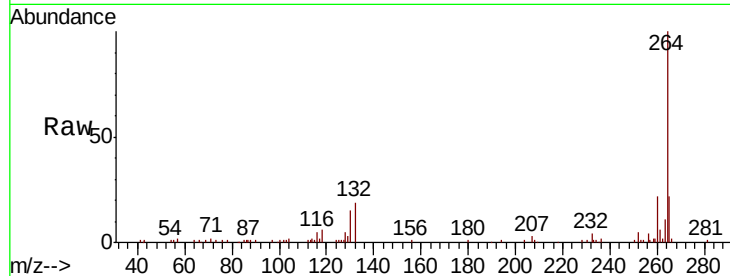
ClientSampleId :

SSTDCCC040EC

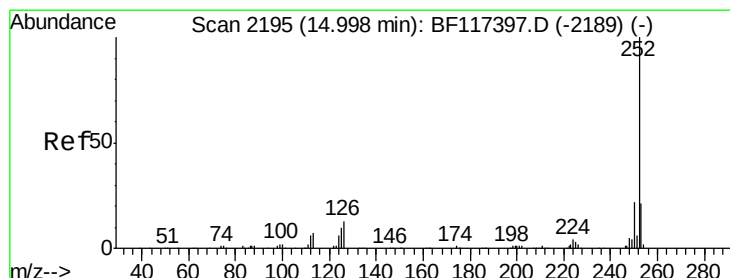
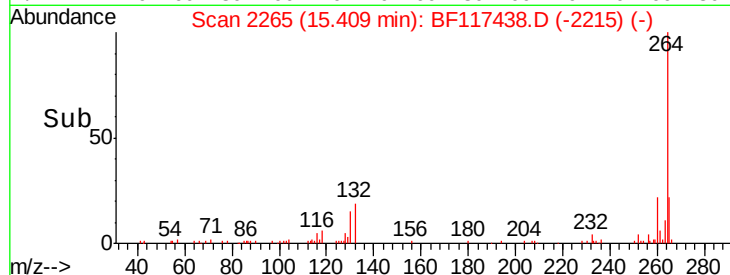
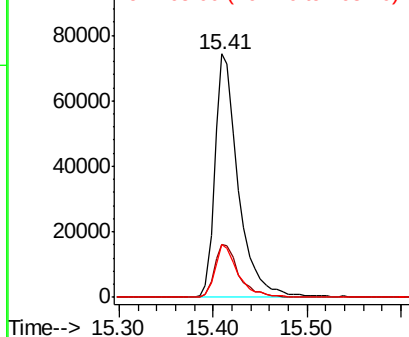
Tot Ion:	264	Resp:	129420
Ion Ratio	Lower	Upper	
264	100		
260	21.7	18.6	27.8
265	21.6	17.4	26.0

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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 40.668 ng

RT: 14.99 min Scan# 2194

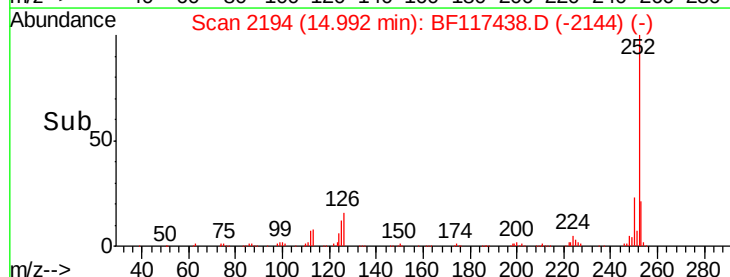
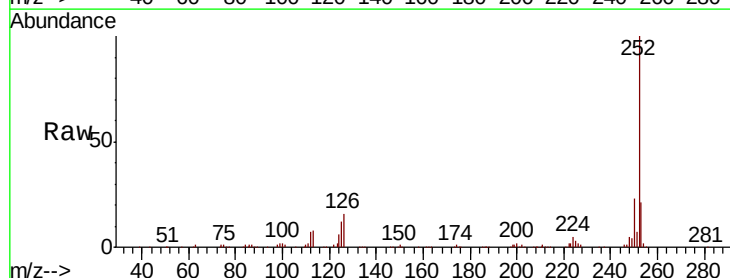
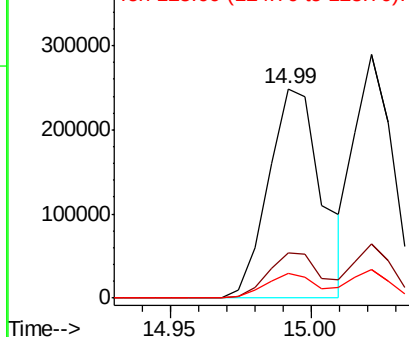
Delta R.T. -0.01 min

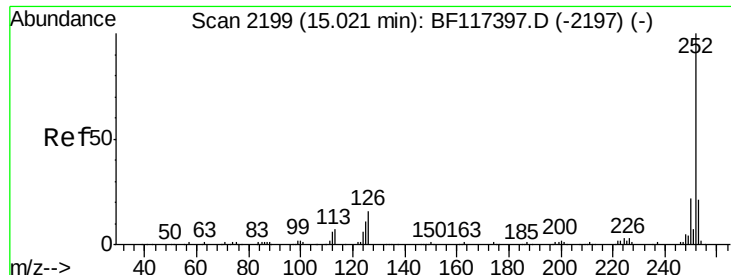
Lab File: BF117438.D

Acq: 17 Oct 2019 22:46

Tgt Ion:	252	Resp:	327663
Ion Ratio	Lower	Upper	
252	100		
253	21.3	17.2	25.8
125	11.7	8.2	12.2

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 36.155 ng

RT: 15.02 min Scan# 2199

Delta R.T. 0.00 min

Lab File: BF117438.D

Acq: 17 Oct 2019 22:46

Instrument :

BNA_F

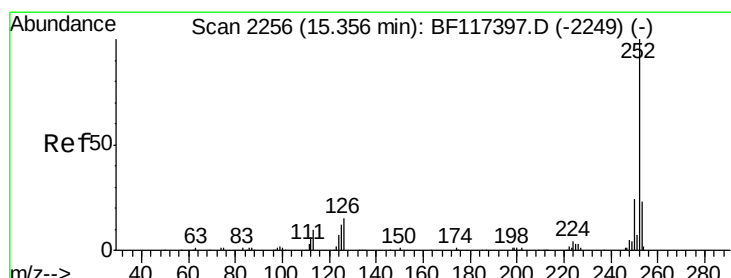
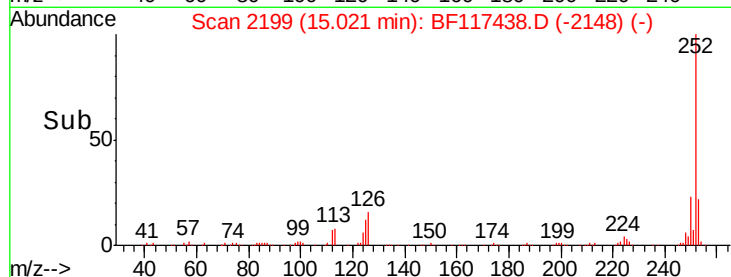
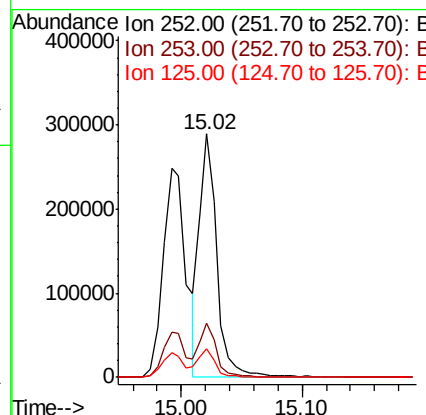
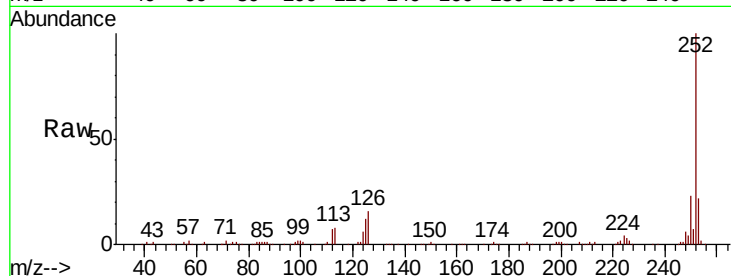
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.0	25.6
125	11.7	9.4	14.2

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#90

Benzo(a)pyrene

Concen: 40.266 ng

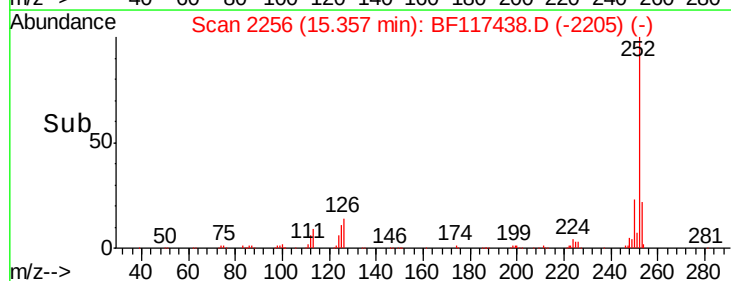
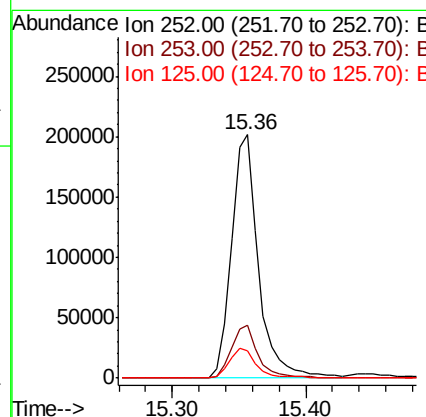
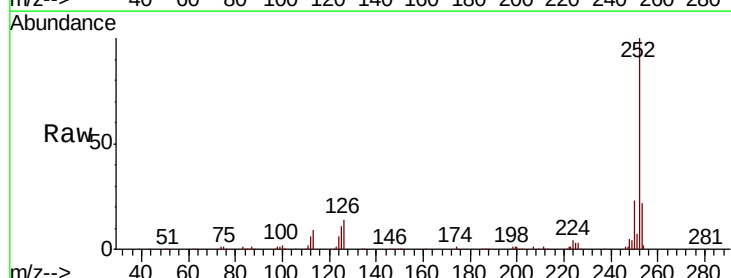
RT: 15.36 min Scan# 2256

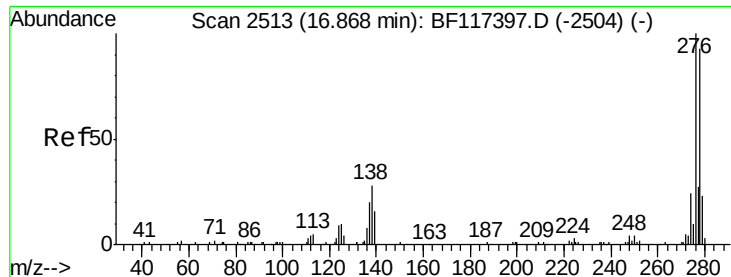
Delta R.T. 0.00 min

Lab File: BF117438.D

Acq: 17 Oct 2019 22:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.0	27.0
125	11.4	9.4	14.0





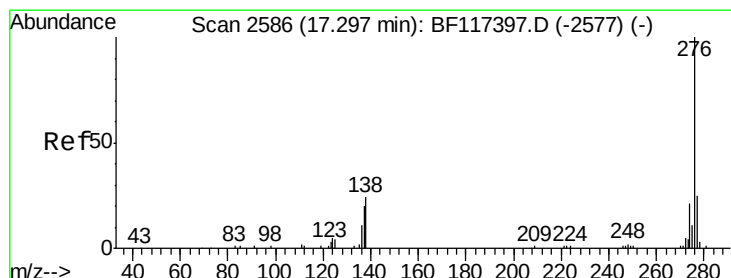
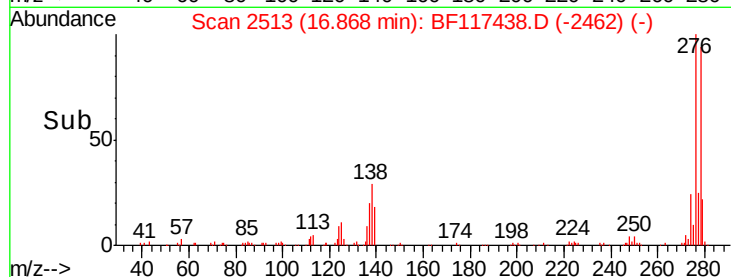
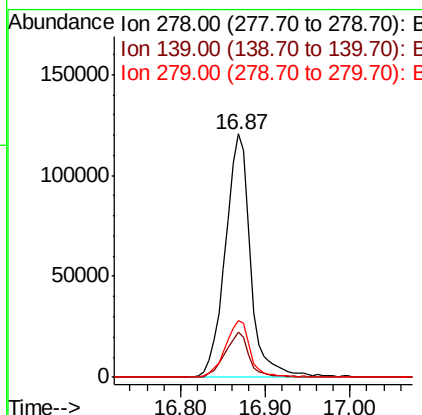
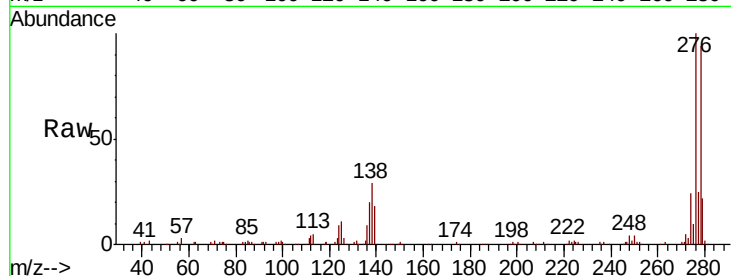
#91
Dibenzo(a,h)anthracene
Concen: 40.606 ng
RT: 16.87 min Scan# 2513
Delta R.T. 0.00 min
Lab File: BF117438.D
Acq: 17 Oct 2019 22:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.6	14.1	21.1
279	23.6	19.8	29.6

Manual Integrations
APPROVED

mohammad
10/20/2019 8:11:55 PM



#92
Benzo(g,h,i)perylene
Concen: 38.346 ng
RT: 17.30 min Scan# 2587
Delta R.T. 0.01 min
Lab File: BF117438.D
Acq: 17 Oct 2019 22:46

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.9	29.9
138	23.9	19.3	28.9

