

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101819\
 Data File : BF117440.D
 Acq On : 18 Oct 2019 15:13
 Operator : JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Manual Integrations
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mohammad
 10/20/2019 8:04:26 PM

Quant Time: Oct 18 18:28:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 17:56:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	47679	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	200921	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	107483	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	173534	20.00	ng	0.00
76) Chrysene-d12	13.89	240	132059	20.00	ng	0.00
87) Perylene-d12	15.32	264	129802	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.36	112	62262	20.09	ng	0.00
7) Phenol-d6	6.37	99	87964	21.39	ng	0.00
23) Nitrobenzene-d5	7.30	82	83001	20.94	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	18764	21.45	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	160032	21.71	ng	0.00
79) Terphenyl-d14	12.83	244	163286	20.16	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.41	88	13399	10.503	ng	98
3) Pyridine	3.16	79	26569m	8.184	ng	
4) n-Nitrosodimethylamine	3.08	42	9558	8.355	ng	# 93
6) Aniline	6.40	93	50056	9.746	ng	# 88
8) 2-Chlorophenol	6.52	128	34351	9.971	ng	97
9) Benzaldehyde	6.29	77	25782	12.861	ng	93
10) Phenol	6.39	94	42991	9.685	ng	95
11) bis(2-Chloroethyl)ether	6.47	93	30682	9.092	ng	97
12) 1,3-Dichlorobenzene	6.67	146	38309	9.943	ng	96
13) 1,4-Dichlorobenzene	6.75	146	37253	9.485	ng	93
14) 1,2-Dichlorobenzene	6.90	146	37125	10.008	ng	95
15) Benzyl Alcohol	6.89	79	29314	9.319	ng	90
16) 2,2'-oxybis(1-Chloropropan	7.01	45	36222	10.222	ng	82
17) 2-Methylphenol	7.00	107	28760	10.000	ng	98
18) Hexachloroethane	7.24	117	15068	9.868	ng	93
19) n-Nitroso-di-n-propylamine	7.15	70	26686	10.180	ng	98
20) 3+4-Methylphenols	7.16	107	37077	10.012	ng	# 79
22) Acetophenone	7.15	105	53561	10.159	ng	# 92
24) Nitrobenzene	7.32	77	39002	9.823	ng	96
25) Isophorone	7.56	82	73806	10.453	ng	98
26) 2-Nitrophenol	7.65	139	16545	9.392	ng	96
27) 2,4-Dimethylphenol	7.68	122	26619	9.942	ng	99
28) bis(2-Chloroethoxy)methane	7.77	93	44517	10.170	ng	99
29) 2,4-Dichlorophenol	7.89	162	27096	9.808	ng	92
30) 1,2,4-Trichlorobenzene	7.96	180	30151	10.124	ng	97
31) Naphthalene	8.03	128	104406	10.405	ng	99
32) Benzoic acid	7.79	122	13795	8.275	ng	96
33) 4-Chloroaniline	8.10	127	44685	10.486	ng	97
34) Hexachlorobutadiene	8.16	225	17303	10.145	ng	98
35) Caprolactam	8.44	113	8899	10.286	ng	96
36) 4-Chloro-3-methylphenol	8.58	107	32892	10.464	ng	94
37) 2-Methylnaphthalene	8.73	142	70589	10.418	ng	98
38) 1-Methylnaphthalene	8.83	142	66674	10.444	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	28581	9.880	ng	97

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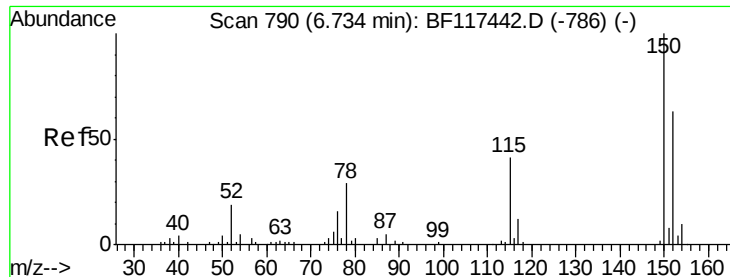
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.88	237	906	1.677	nq	89
43) 2,4,6-Trichlorophenol	9.02	196	18132	9.905	nq	98
44) 2,4,5-Trichlorophenol	9.07	196	18245	9.771	nq	95
46) 1,1'-Biphenyl	9.19	154	92026	10.480	nq	98
47) 2-Chloronaphthalene	9.22	162	69709	10.184	nq	97
48) 2-Nitroaniline	9.32	65	22091	10.115	nq	93
49) Acenaphthylene	9.63	152	103444	10.309	nq	98
50) Dimethylphthalate	9.49	163	79885	10.349	nq	98
51) 2,6-Dinitrotoluene	9.56	165	15854	9.771	nq	97
52) Acenaphthene	9.80	154	64234	10.535	nq	96
53) 3-Nitroaniline	9.73	138	19653	9.919	nq	90
54) 2,4-Dinitrophenol	9.87	184	3432	5.521	nq #	89
55) Dibenzofuran	9.97	168	92138	10.359	nq	99
56) 4-Nitrophenol	9.93	139	5562	7.054	nq	94
57) 2,4-Dinitrotoluene	9.97	165	21546	10.064	nq #	89
58) Fluorene	10.32	166	75996	10.262	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.10	232	15529	10.757	nq #	98
60) Diethylphthalate	10.19	149	82348	10.583	nq	99
61) 4-Chlorophenyl-phenylether	10.30	204	34456	10.508	nq	92
62) 4-Nitroaniline	10.34	138	18995	10.086	nq	93
63) Azobenzene	10.46	77	81879	10.256	nq	99
65) 4,6-Dinitro-2-methylphenol	10.39	198	6475	7.428	nq	98
66) n-Nitrosodiphenylamine	10.42	169	65273	10.069	nq	98
67) 4-Bromophenyl-phenylether	10.79	248	18980	9.972	nq	96
68) Hexachlorobenzene	10.87	284	20642	10.098	nq	90
69) Atrazine	10.95	200	19669	18.711	nq	97
70) Pentachlorophenol	11.07	266	4855	7.939	nq	95
71) Phenanthrene	11.27	178	105449	10.279	nq	100
72) Anthracene	11.33	178	108573	10.253	nq	99
73) Carbazole	11.49	167	99782	10.373	nq	99
74) Di-n-butylphthalate	11.81	149	132940	10.206	nq	99
75) Fluoranthene	12.46	202	107728	10.561	nq	99
77) Benzidine	12.59	184	52353	16.029	nq	99
78) Pyrene	12.69	202	110392	9.457	nq	99
80) Butylbenzylphthalate	13.30	149	54520	9.288	nq	94
81) Benzo(a)anthracene	13.88	228	91614	10.111	nq	97
82) 3,3'-Dichlorobenzidine	13.84	252	32682	11.408	nq #	96
83) Chrysene	13.92	228	93107	10.420	nq	97
84) Bis(2-ethylhexyl)phthalate	13.86	149	79288	9.580	nq	93
85) Di-n-octyl phthalate	14.47	149	126223	10.018	nq	98
86) Indeno(1,2,3-cd)pyrene	16.72	276	67908	10.869	nq	100
88) Benzo(b)fluoranthene	14.91	252	76984	9.527	nq	97
89) Benzo(k)fluoranthene	14.94	252	79915	9.951	nq	97
90) Benzo(a)pyrene	15.26	252	71172	9.946	nq	97
91) Dibenzo(a,h)anthracene	16.73	278	56636	9.237	nq	95
92) Benzo(g,h,i)perylene	17.14	276	51976	8.905	nq	97

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



#1

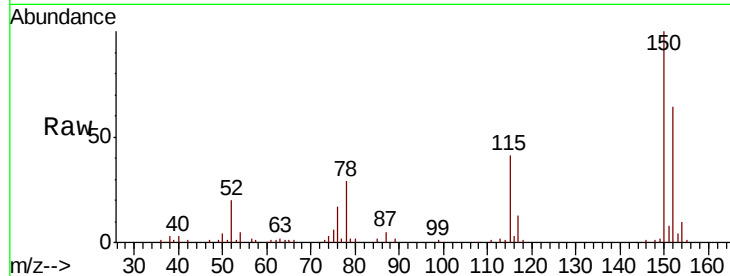
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF117440.D
Acq: 18 Oct 2019 15:13

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	126.8	190.2
115	64.2	51.6	77.4

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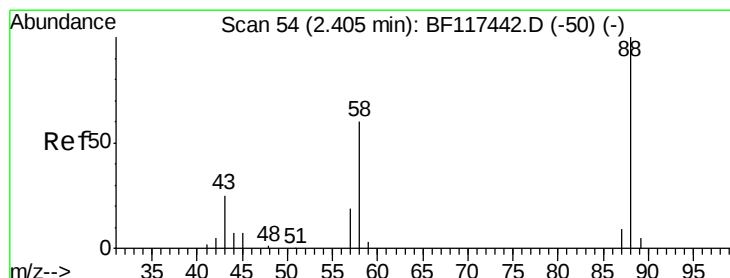
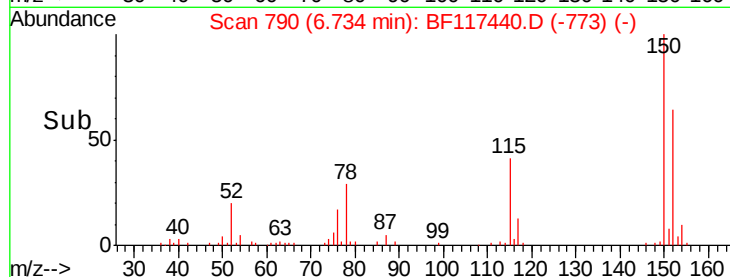
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E

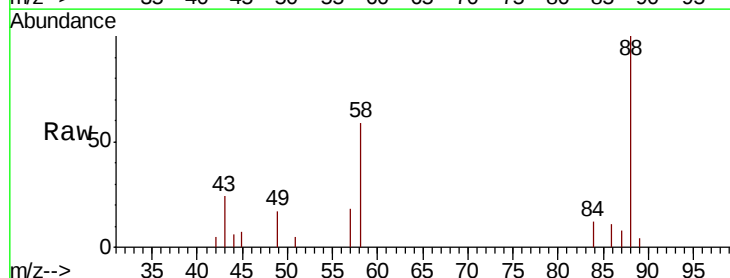
Time-->



#2

1,4-Dioxane
Concen: 10.503 ng
RT: 2.41 min Scan# 55
Delta R.T. 0.01 min
Lab File: BF117440.D
Acq: 18 Oct 2019 15:13

Tgt Ion	Ratio	Lower	Upper
88	100		
58	59.4	48.8	73.2
43	24.6	18.5	27.7



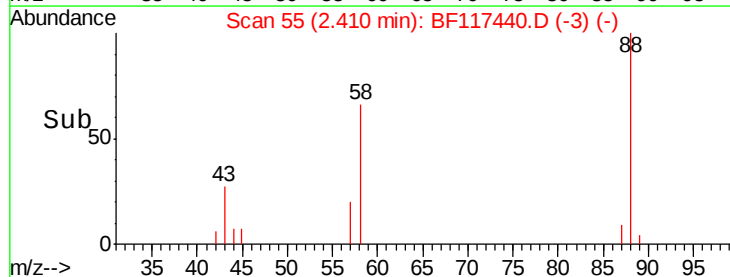
Abundance

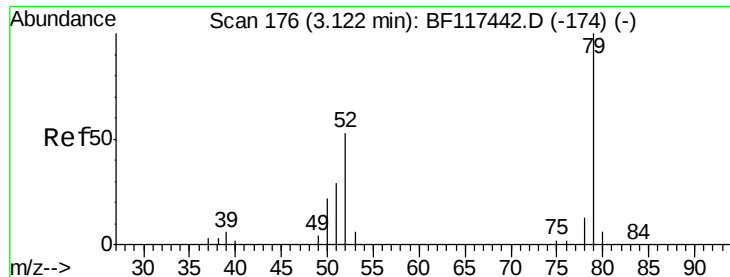
Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1

Time-->





#3

Pvridine

Concen: 8.184 ng/mL

RT: 3.16 min Scan# 182

Delta R.T. 0.04 min

Lab File: BF117440.D

Acq: 18 Oct 2019 15:13

Instrument :

BNA_F

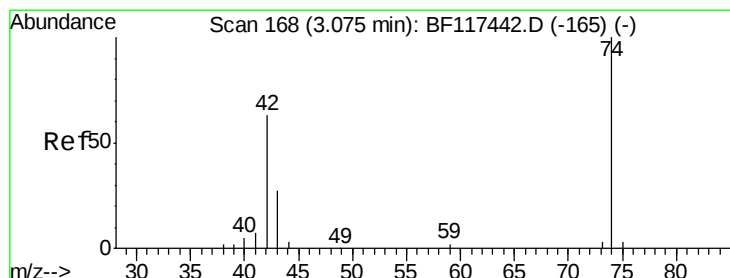
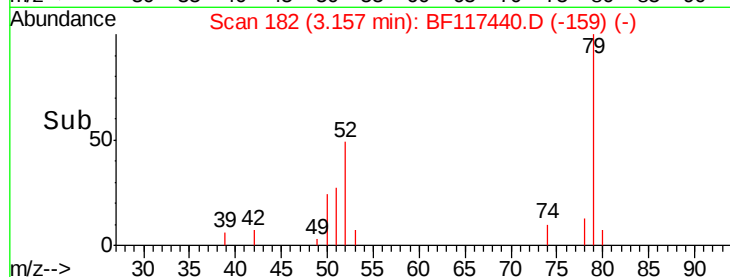
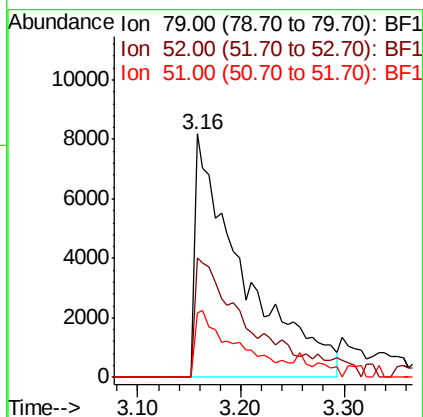
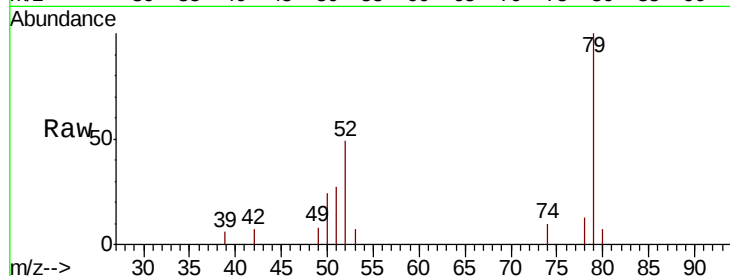
ClientSampleID :

SSTDIC010

Tot Ion:	79	Resp:	26569
Ion	Ratio	Lower	Upper
79	100		
52	49.2	42.4	63.6
51	26.5	23.3	34.9

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#4

n-Nitrosodimethylamine

Concen: 8.355 ng/mL

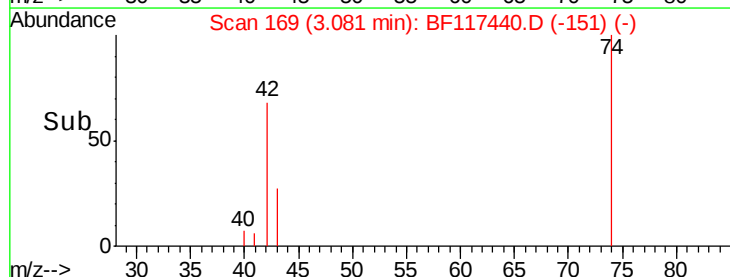
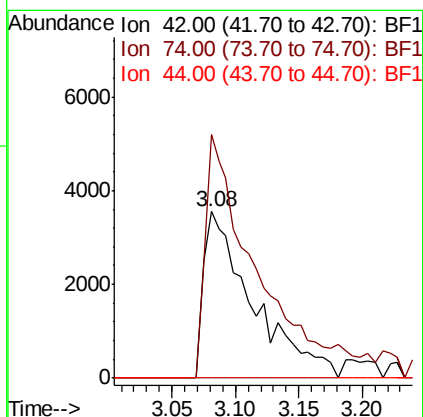
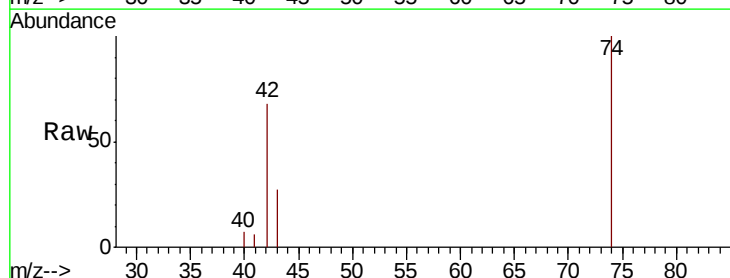
RT: 3.08 min Scan# 169

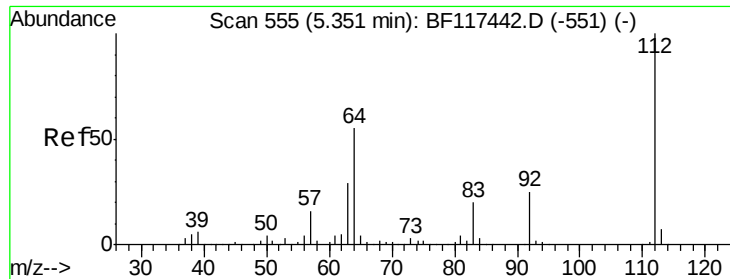
Delta R.T. 0.01 min

Lab File: BF117440.D

Acq: 18 Oct 2019 15:13

Tgt Ion:	42	Resp:	9558
Ion	Ratio	Lower	Upper
42	100		
74	146.2	124.2	186.4
44	0.0	4.2	6.4





#5

2-Fluorophenol

Concen: 20.092 ng

RT: 5.36 min Scan# 556

Delta R.T. 0.01 min

Lab File: BF117440.D

Acq: 18 Oct 2019 15:13

Instrument :

BNA_F

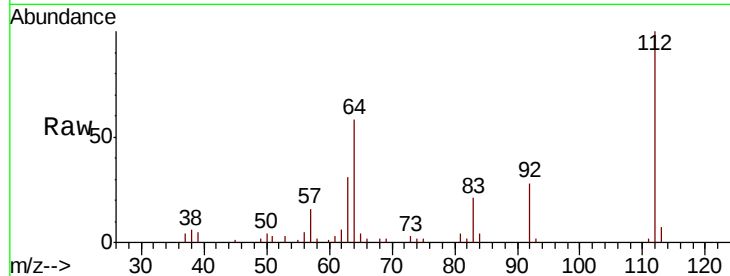
ClientSampleId :

SSTDICC010

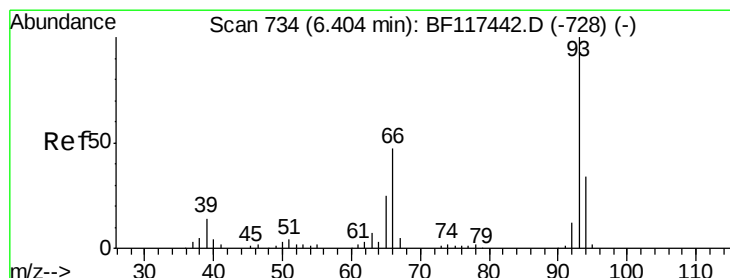
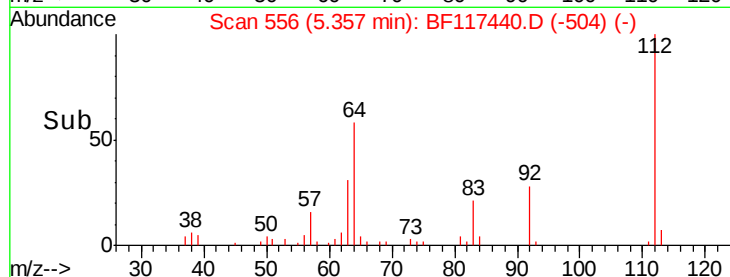
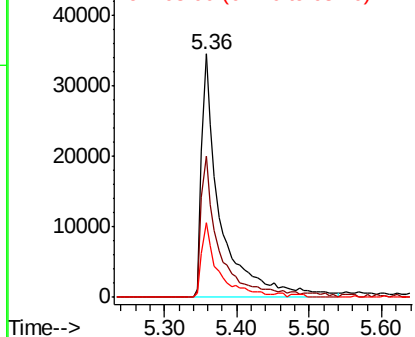
Tot Ion:	112	Resp:	62262
Ion Ratio	Lower	Upper	
112	100		
64	58.1	44.1	66.1
63	30.5	23.4	35.2

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Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 9.746 ng

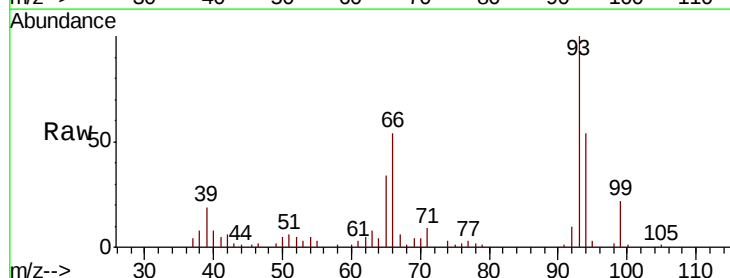
RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

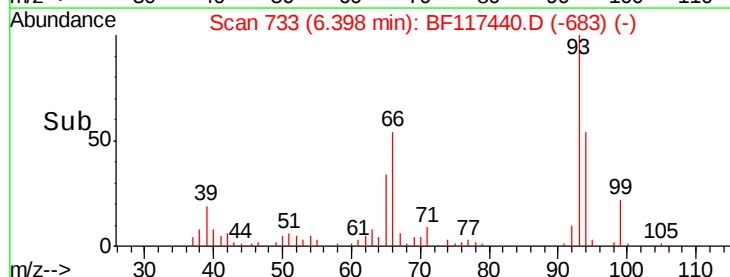
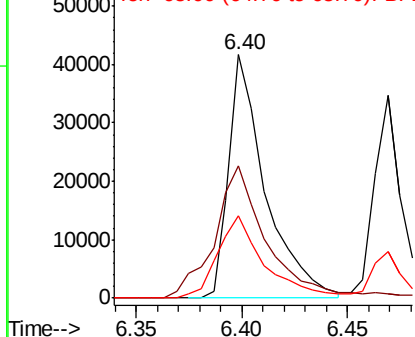
Lab File: BF117440.D

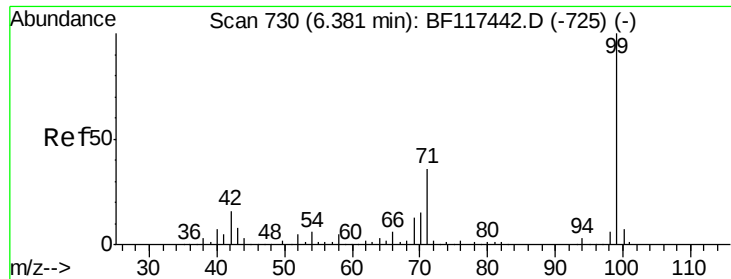
Acq: 18 Oct 2019 15:13

Tgt Ion:	93	Resp:	50056
Ion Ratio	Lower	Upper	
93	100		
66	54.2	38.7	58.1
65	33.9	20.1	30.1#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 21.395 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF117440.D

Acq: 18 Oct 2019 15:13

Instrument :

BNA_F

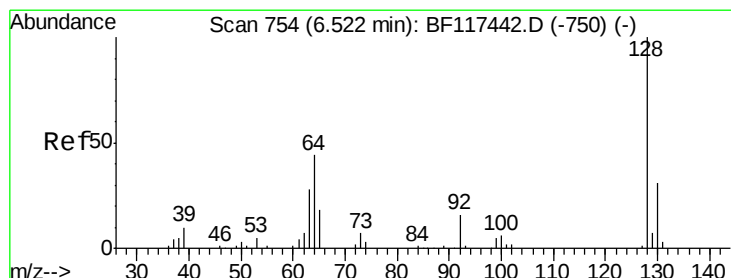
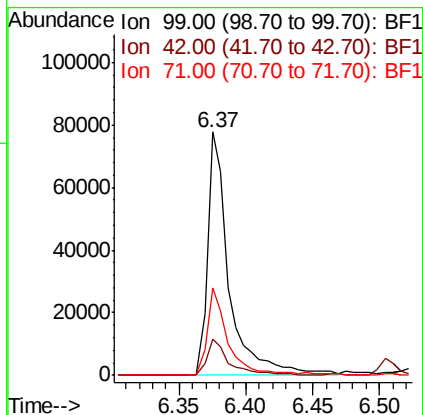
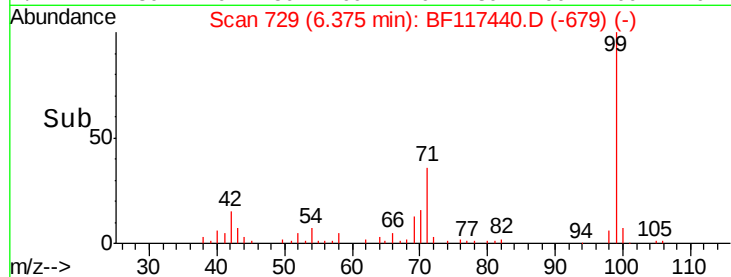
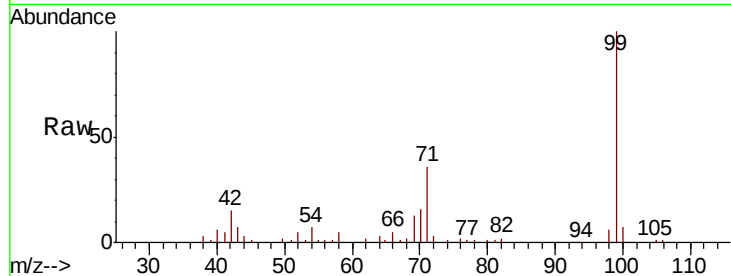
ClientSampled :

SSTDIC010

Tot Ion:	99	Resp:	87964
Ion Ratio	Lower	Upper	
99	100		
42	15.0	12.8	19.2
71	36.2	28.6	43.0

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#8

2-Chlorophenol

Concen: 9.971 ng

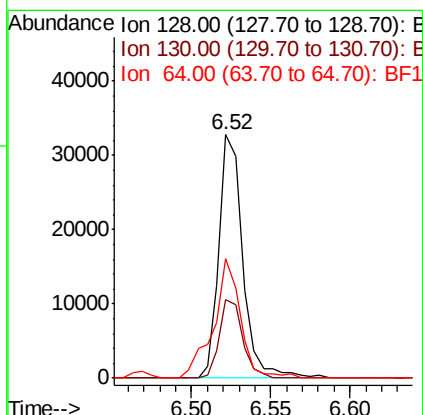
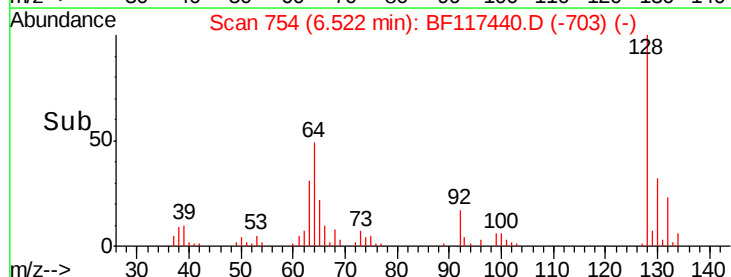
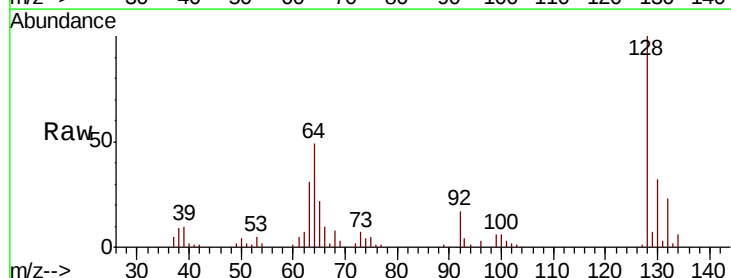
RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF117440.D

Acq: 18 Oct 2019 15:13

Tgt Ion:	128	Resp:	34351
Ion Ratio	Lower	Upper	
128	100		
130	32.2	11.1	51.1
64	49.1	27.1	67.1





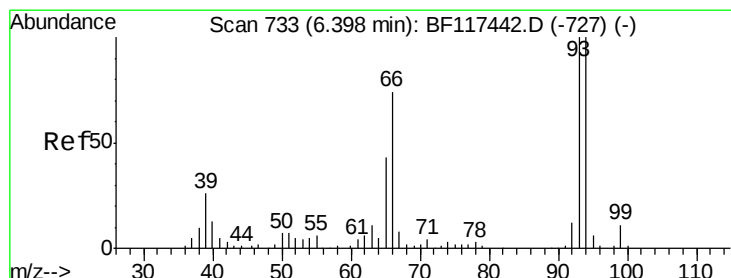
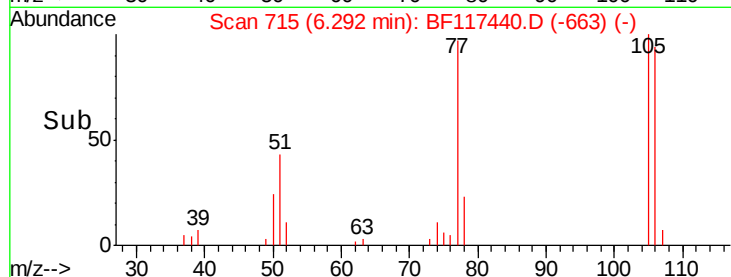
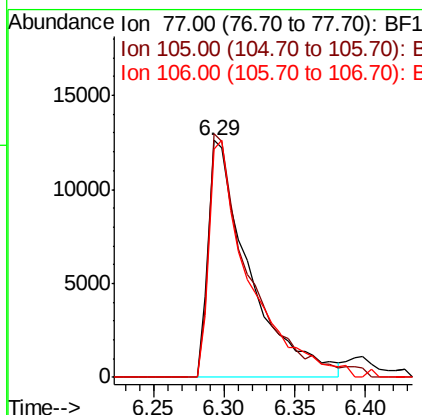
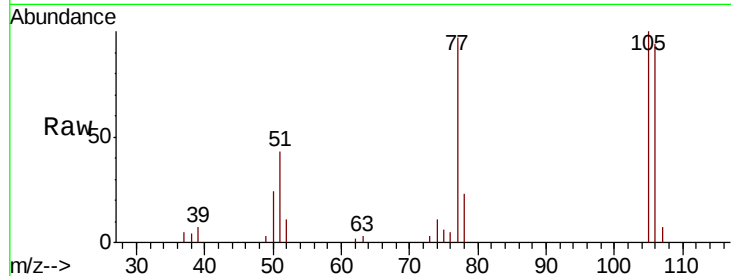
#9
Benzaldehyde
Concen: 12.861 ng
RT: 6.29 min Scan# 715
Delta R.T. 0.01 min
Lab File: BF117440.D
Acq: 18 Oct 2019 15:13

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Lower	Upper
77	100		
105	102.7	73.4	113.4
106	96.3	73.0	113.0

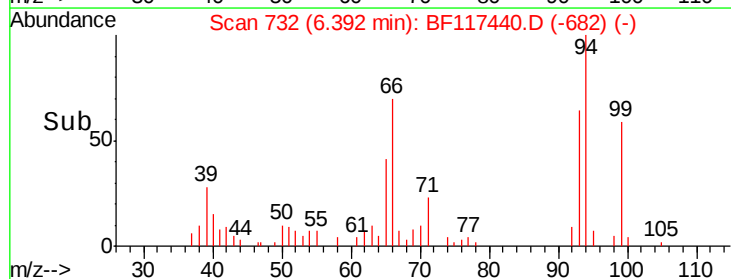
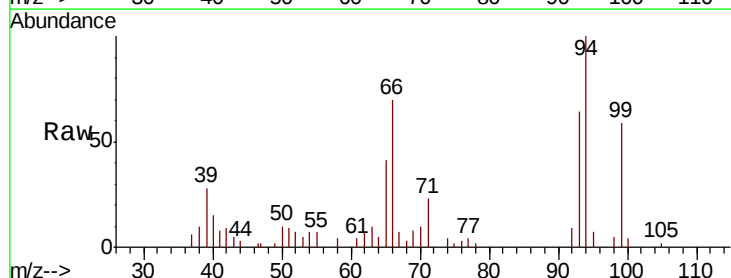
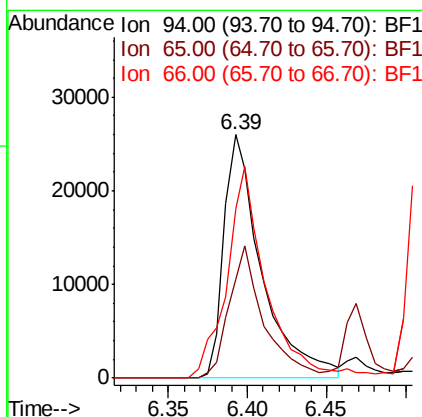
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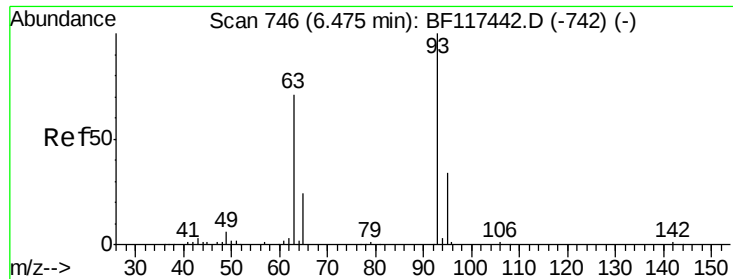
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#10
Phenol
Concen: 9.685 ng
RT: 6.39 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF117440.D
Acq: 18 Oct 2019 15:13

Tgt Ion	Ratio	Lower	Upper
94	100		
65	40.6	23.4	63.4
66	69.5	54.7	94.7





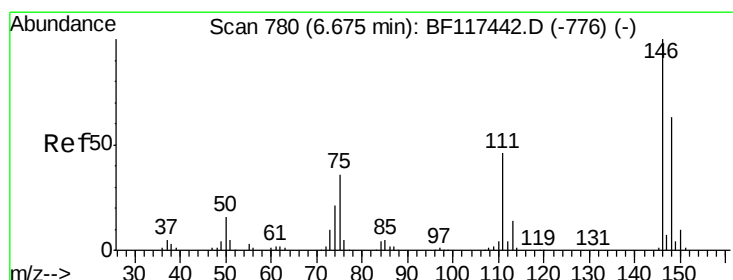
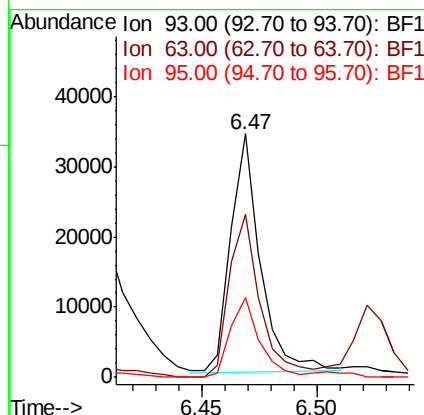
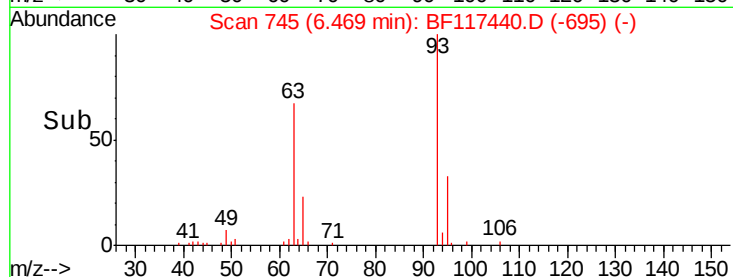
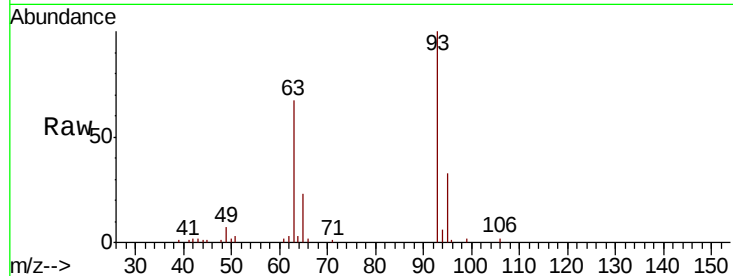
#11
bis(2-Chloroethyl)ether
Concen: 9.092 ng
RT: 6.47 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF117440.D
Acq: 18 Oct 2019 15:13

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion:	93	Resp:	30682
Ion	Ratio	Lower	Upper
93	100		
63	66.8	50.2	90.2
95	32.7	13.9	53.9

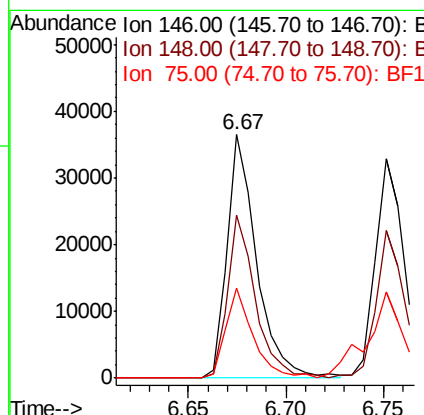
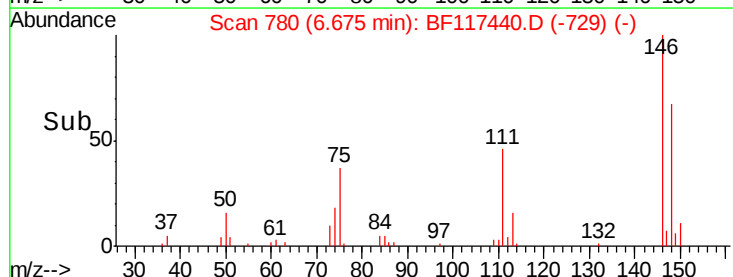
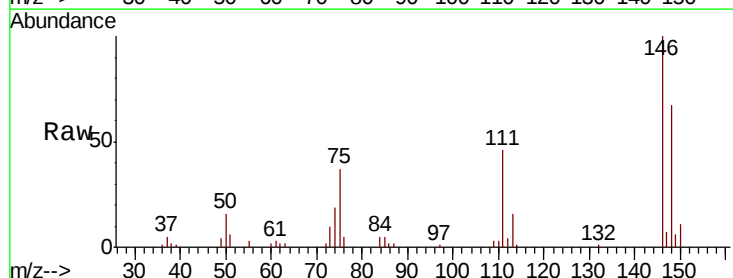
Manual Integrations
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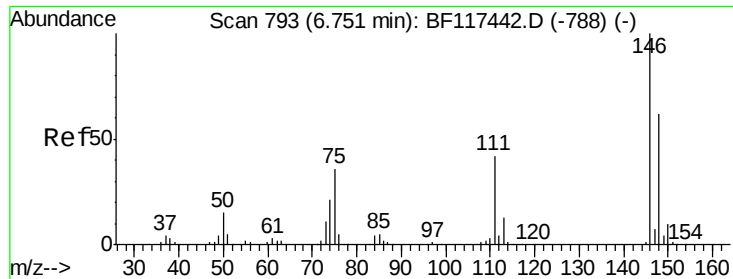
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#12
1,3-Dichlorobenzene
Concen: 9.943 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.00 min
Lab File: BF117440.D
Acq: 18 Oct 2019 15:13

Tgt Ion:	146	Resp:	38309
Ion	Ratio	Lower	Upper
146	100		
148	66.7	50.6	75.8
75	36.8	28.6	43.0





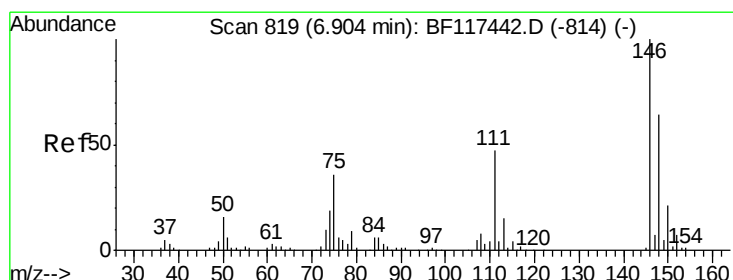
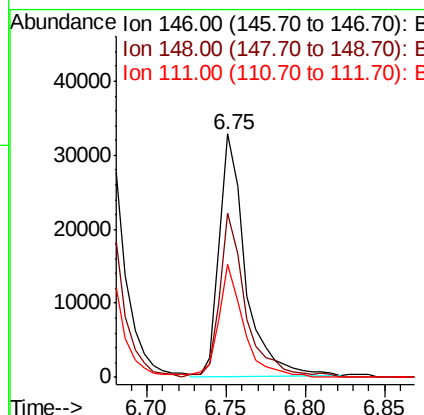
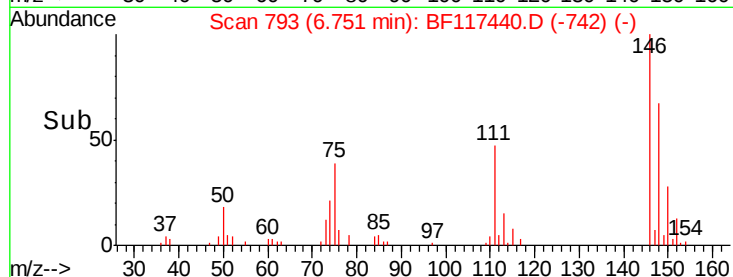
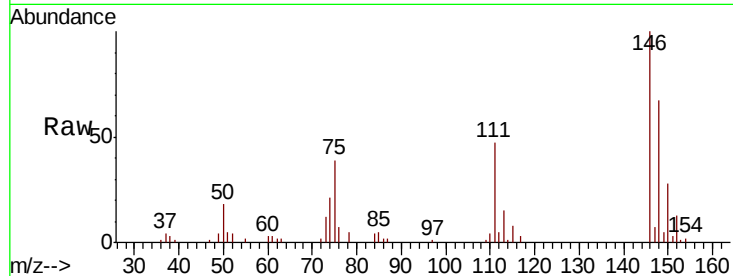
#13
 1,4-Dichlorobenzene
 Concen: 9.485 ng
 RT: 6.75 min Scan# 793
 Delta R.T. -0.00 min
 Lab File: BF117440.D
 Acq: 18 Oct 2019 15:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Tot Ion	Ratio	Lower	Upper
146	100		
148	67.3	49.3	73.9
111	46.6	33.6	50.4

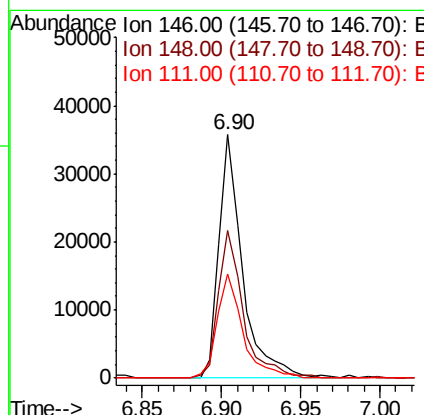
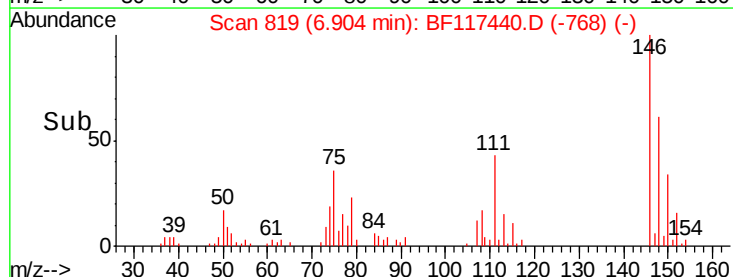
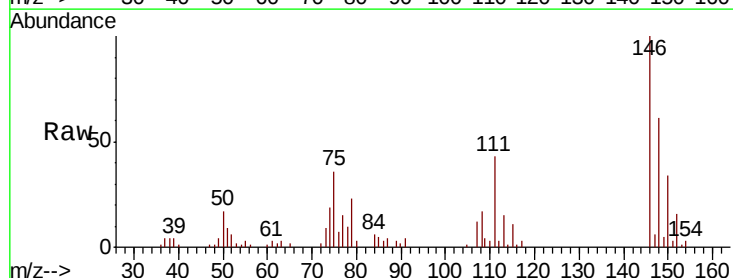
Manual Integrations
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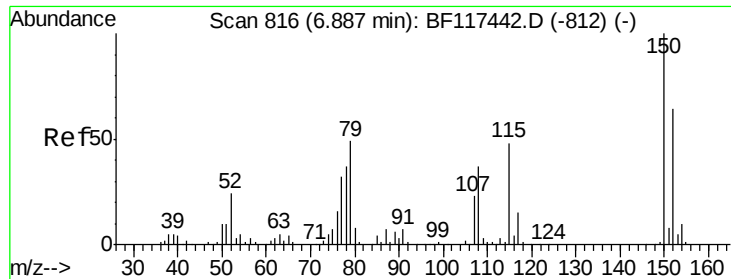
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#14
 1,2-Dichlorobenzene
 Concen: 10.008 ng
 RT: 6.90 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BF117440.D
 Acq: 18 Oct 2019 15:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	60.8	51.4	77.0
111	42.5	37.7	56.5





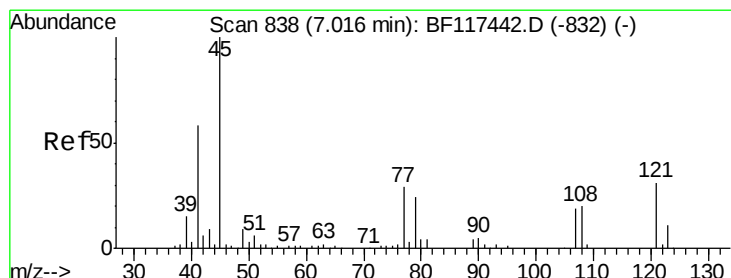
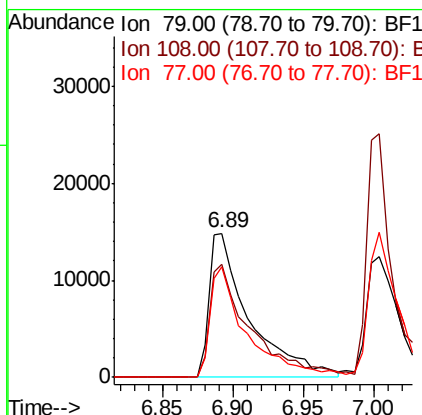
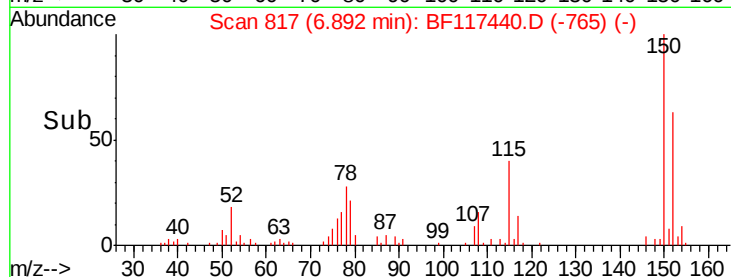
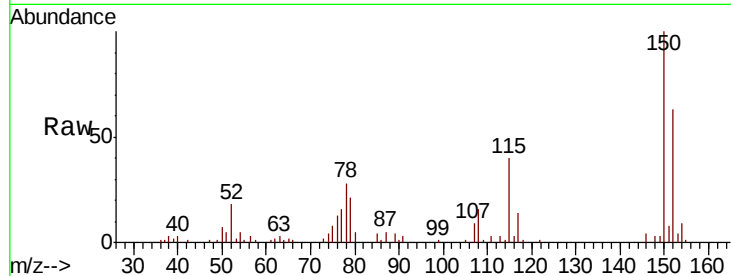
#15
Benzyl Alcohol
Concen: 9.319 ng
RT: 6.89 min Scan# 817
Delta R.T. 0.01 min
Lab File: BF117440.D
Acq: 18 Oct 2019 15:13

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Lower	Upper
79	100		
108	78.5	59.8	89.8
77	76.5	51.4	77.0

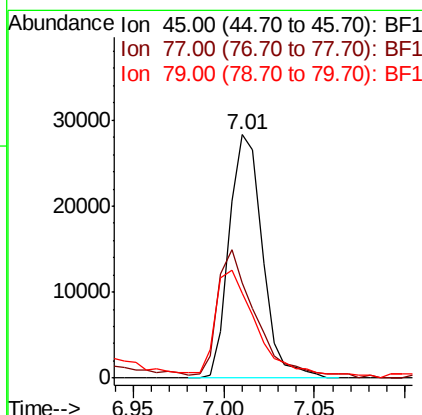
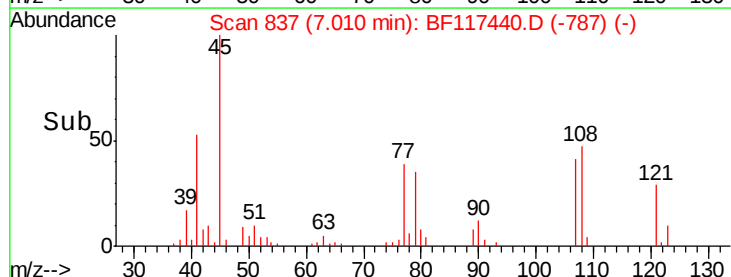
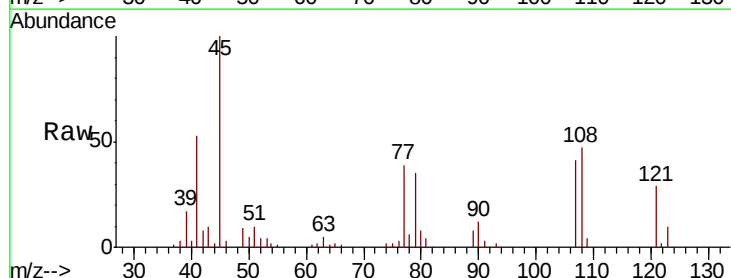
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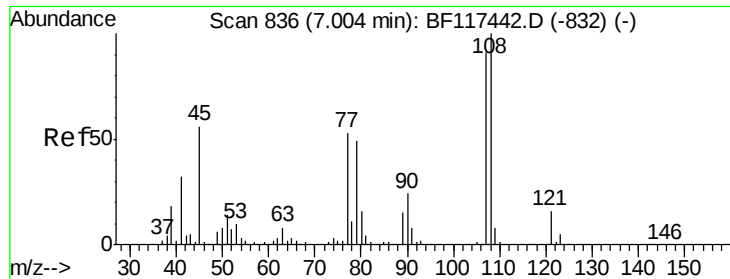
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 10.222 ng
RT: 7.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BF117440.D
Acq: 18 Oct 2019 15:13

Tgt Ion	Ratio	Lower	Upper
45	100		
77	39.1	9.9	49.9
79	35.0	5.5	45.5





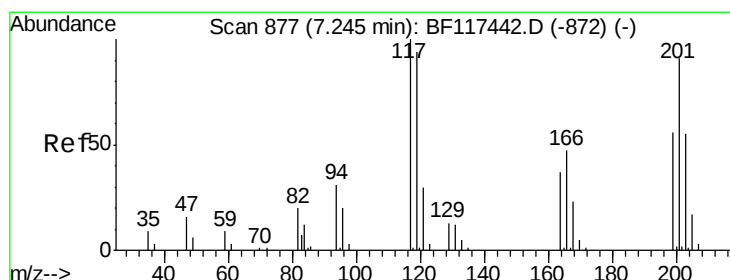
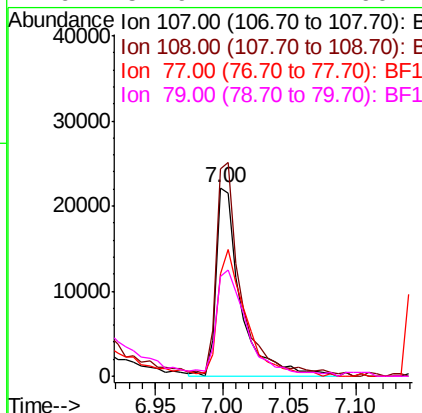
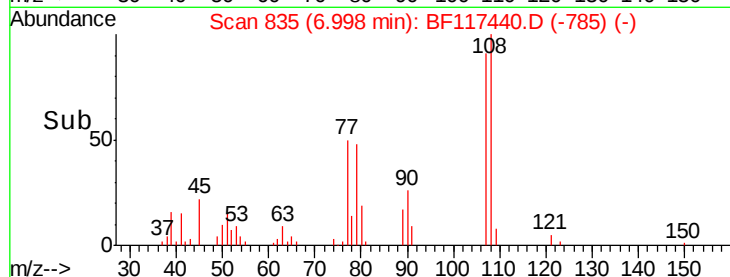
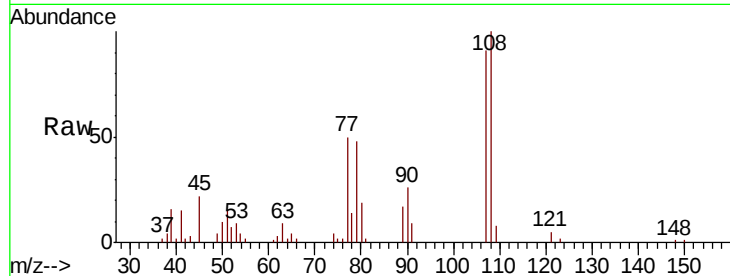
#17
2-Methylphenol
Concen: 10.000 ng
RT: 7.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BF117440.D
Acq: 18 Oct 2019 15:13

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion:	107	Resp:	28760
Ion Ratio	Lower	Upper	
107	100		
108	110.2	88.0	132.0
77	54.6	47.2	70.8
79	52.9	44.1	66.1

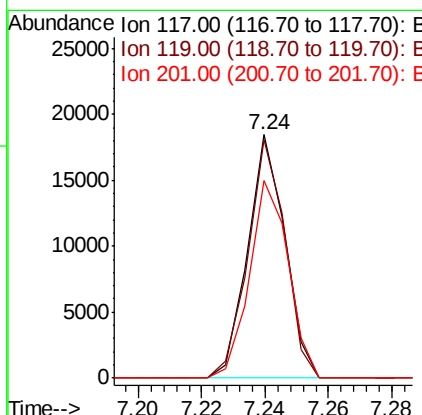
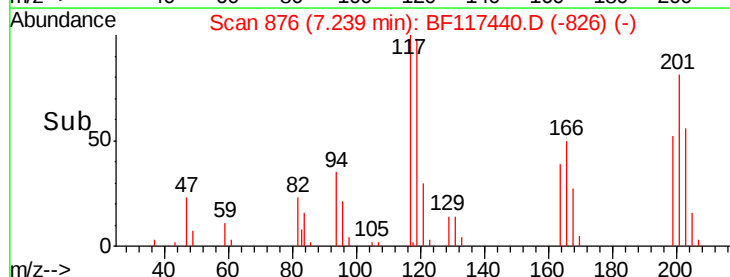
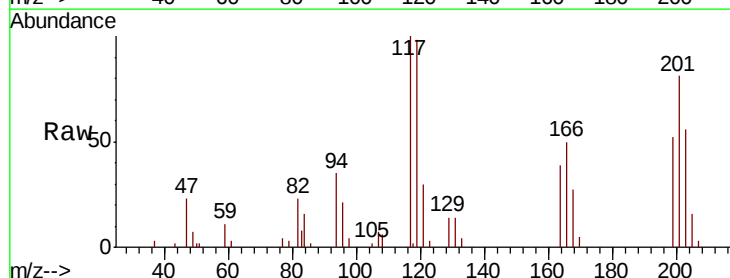
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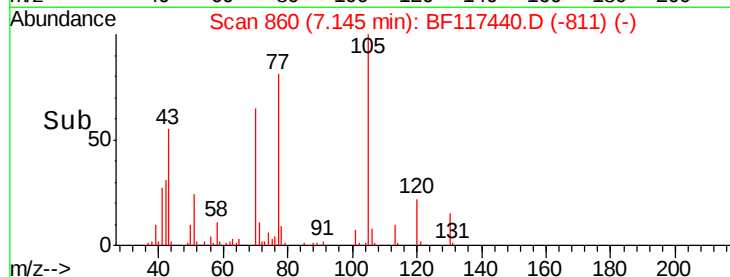
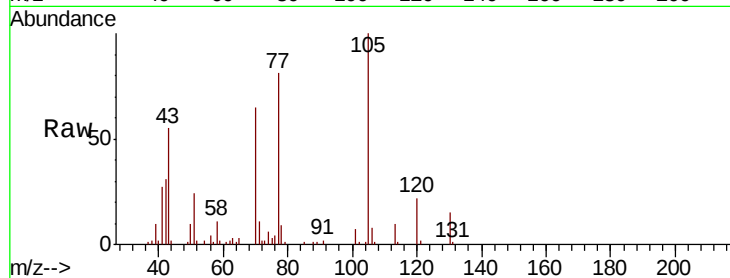
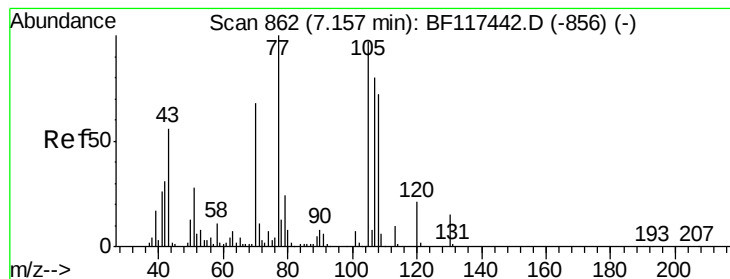
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#18
Hexachloroethane
Concen: 9.868 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: BF117440.D
Acq: 18 Oct 2019 15:13

Tgt Ion:	117	Resp:	15068
Ion Ratio	Lower	Upper	
117	100		
119	98.1	75.4	113.0
201	81.0	72.5	108.7





#19

n-Nitroso-di-n-propylamine

Concen: 10.180 ng

RT: 7.15 min Scan# 860

Delta R.T. -0.01 min

Lab File: BF117440.D

Acq: 18 Oct 2019 15:13

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

Tot Ion: 70 Resp: 26686

Ion Ratio Lower Upper

70 100

42 47.4 36.7 55.1

101 11.1 8.3 12.5

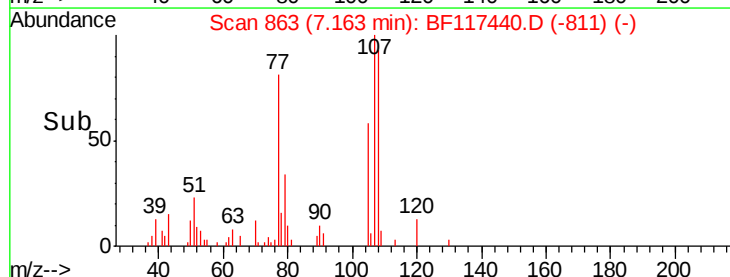
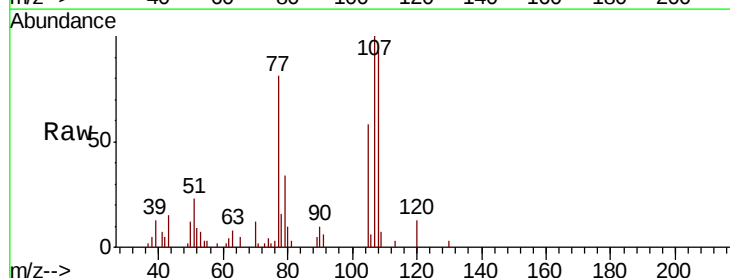
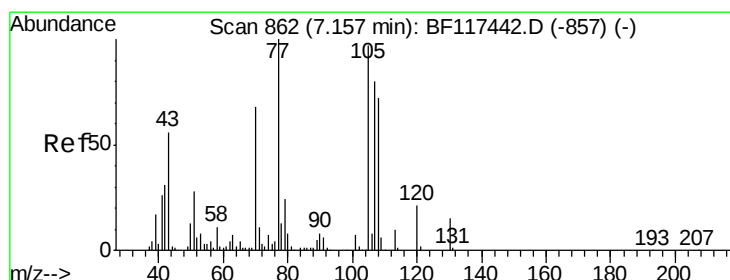
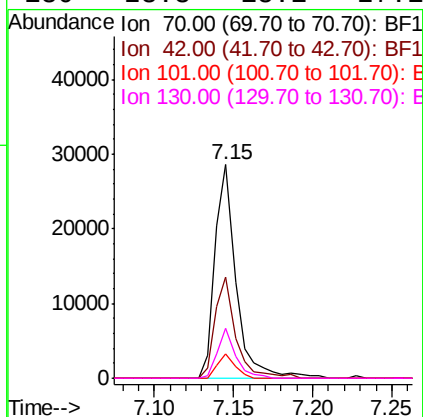
130 23.3 18.1 27.1

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#20

3+4-Methylphenols

Concen: 10.012 ng

RT: 7.16 min Scan# 863

Delta R.T. 0.01 min

Lab File: BF117440.D

Acq: 18 Oct 2019 15:13

Tgt Ion: 107 Resp: 37077

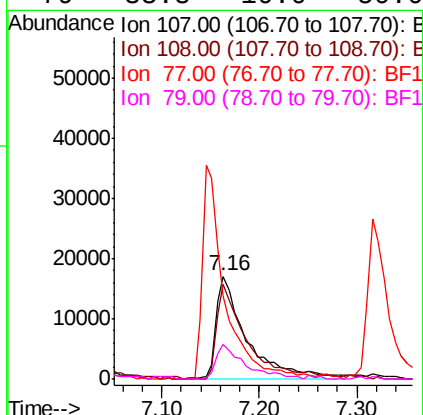
Ion Ratio Lower Upper

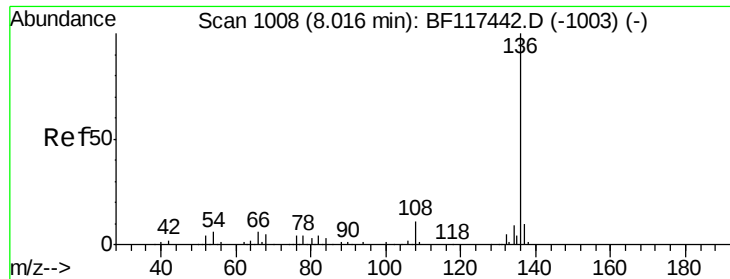
107 100

108 92.5 70.3 110.3

77 80.6 104.8 144.8#

79 33.8 10.0 50.0





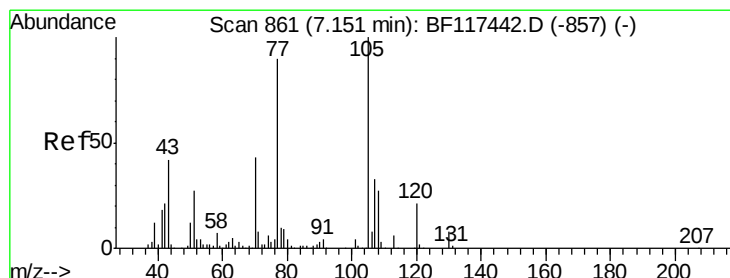
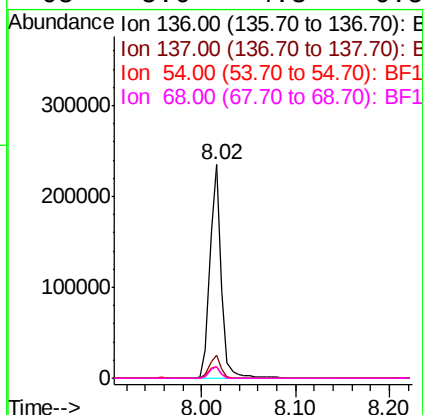
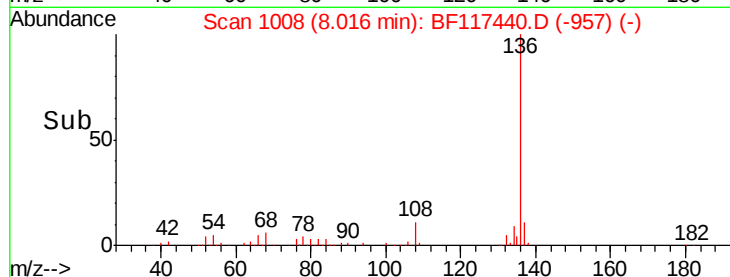
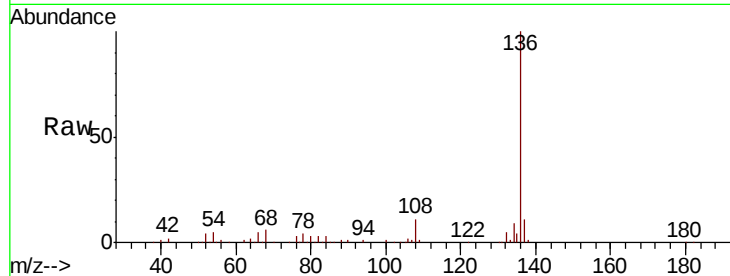
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BF117440.D
Acq: 18 Oct 2019 15:13

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
136	100	200921		
137	11.1		8.2	12.4
54	5.2		4.5	6.7
68	5.6		4.3	6.5

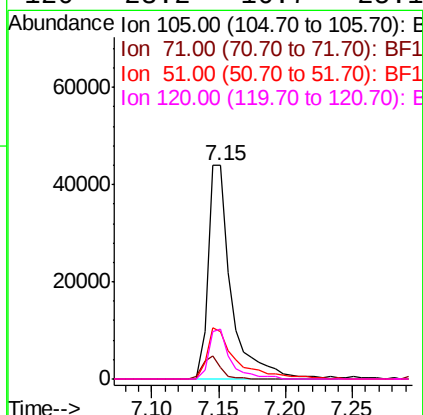
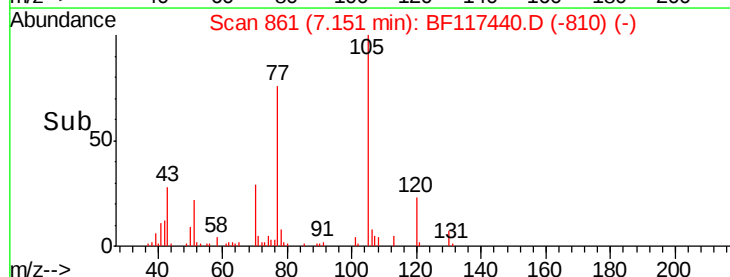
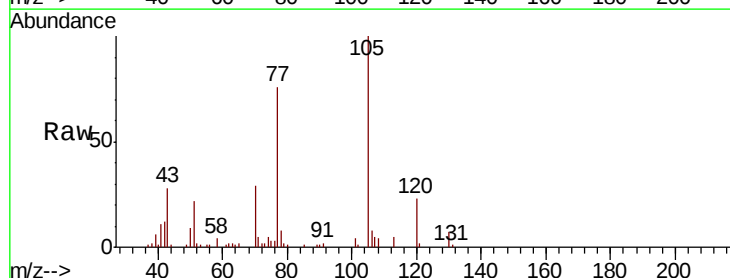
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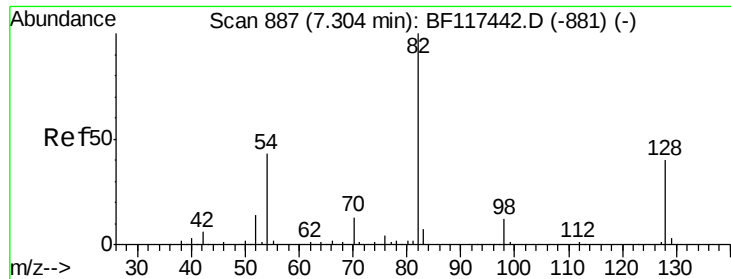
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#22
Acetophenone
Concen: 10.159 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.00 min
Lab File: BF117440.D
Acq: 18 Oct 2019 15:13

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	53561		
71	5.4		6.2	9.2#
51	22.0		21.8	32.6
120	23.2		16.7	25.1





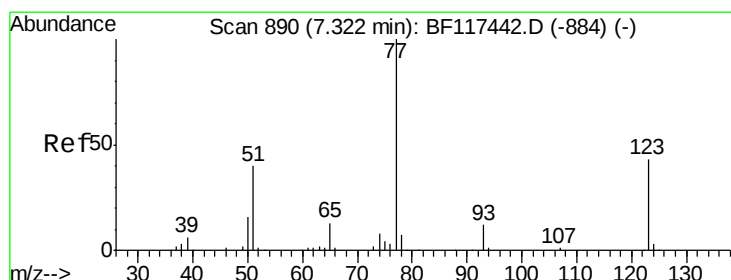
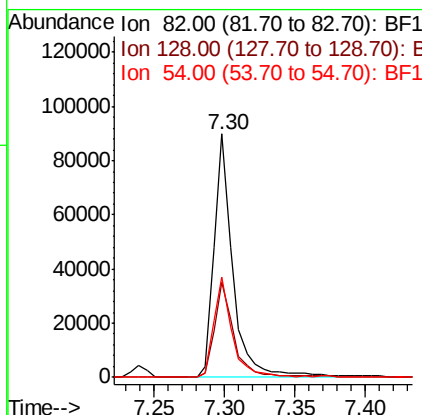
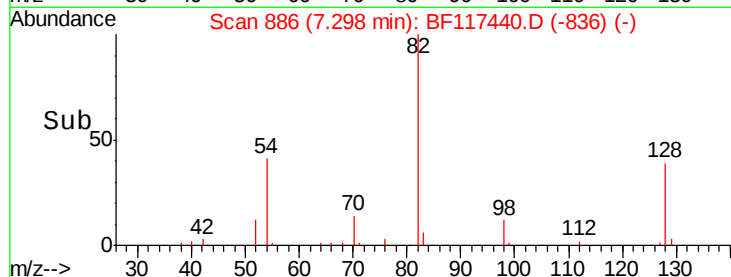
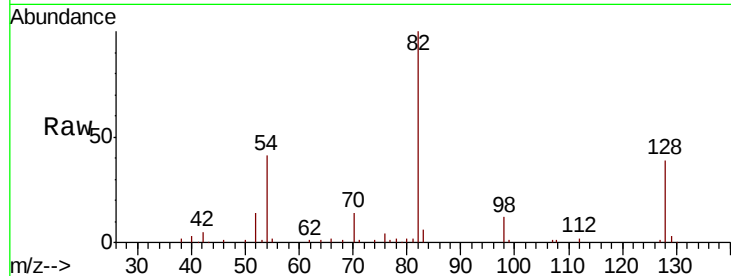
#23
 Nitrobenzene-d5
 Concen: 20.940 ng
 RT: 7.30 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: BF117440.D
 Acq: 18 Oct 2019 15:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Tot Ion	Ratio	Lower	Upper
82	100		
128	39.1	32.2	48.2
54	41.4	34.2	51.2

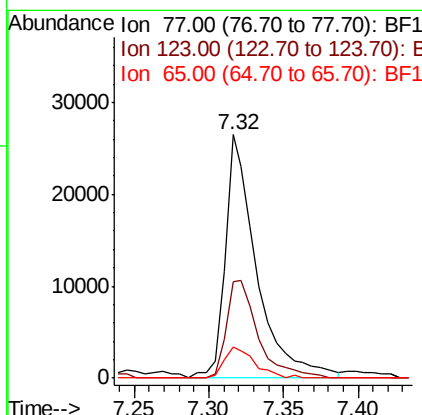
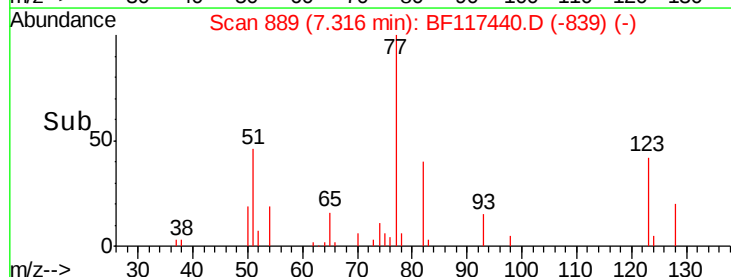
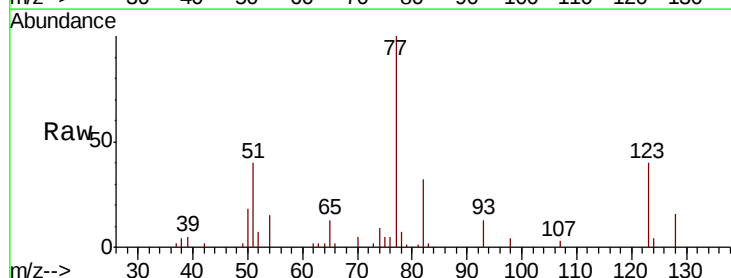
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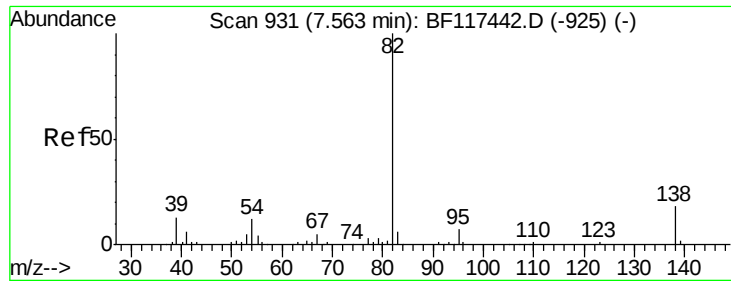
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#24
 Nitrobenzene
 Concen: 9.823 ng
 RT: 7.32 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF117440.D
 Acq: 18 Oct 2019 15:13

Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.6	34.2	51.2
65	13.0	10.3	15.5





#25

Isophorone

Concen: 10.453 ng

RT: 7.56 min Scan# 930

Delta R.T. -0.01 min

Lab File: BF117440.D

Acq: 18 Oct 2019 15:13

Instrument :

BNA_F

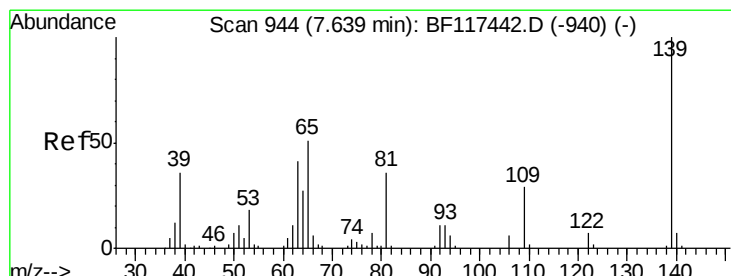
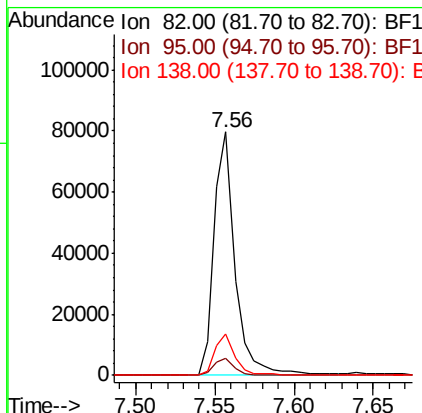
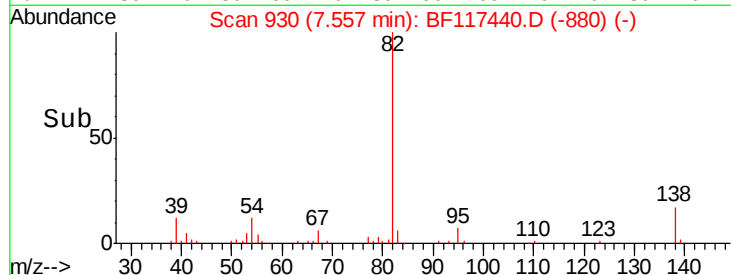
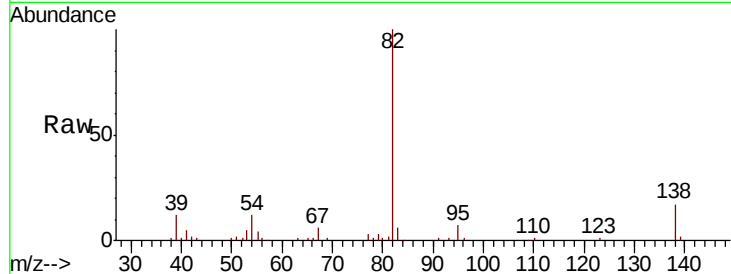
ClientSampleId :

SSTDIC010

Tot Ion:	82	Resp:	73806
Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.4	8.0
138	16.8	14.2	21.2

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#26

2-Nitrophenol

Concen: 9.392 ng

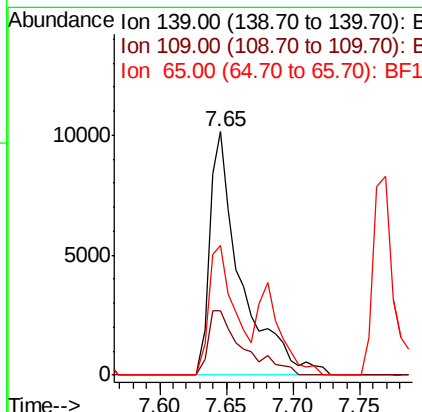
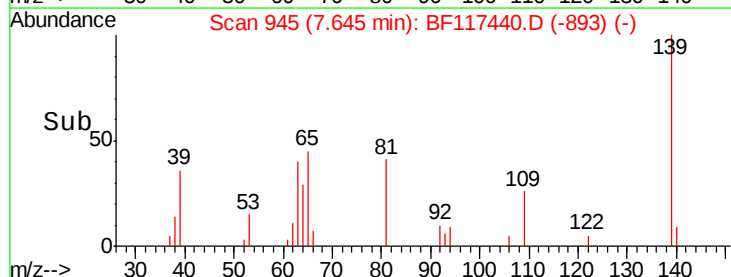
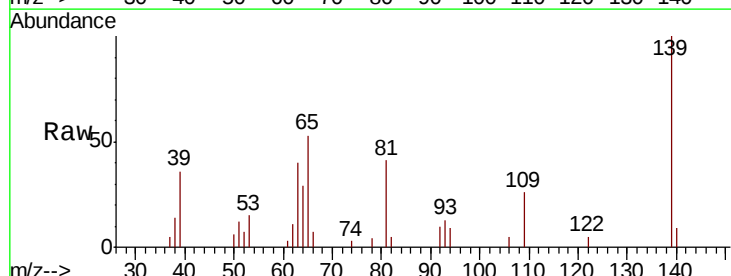
RT: 7.65 min Scan# 945

Delta R.T. 0.01 min

Lab File: BF117440.D

Acq: 18 Oct 2019 15:13

Tgt Ion:	139	Resp:	16545
Ion	Ratio	Lower	Upper
139	100		
109	26.2	23.2	34.8
65	53.5	41.1	61.7





#27

2,4-Dimethylphenol

Concen: 9.942 ng

RT: 7.68 min Scan# 951

Delta R.T. -0.00 min

Lab File: BF117440.D

Acq: 18 Oct 2019 15:13

Instrument :

BNA_F

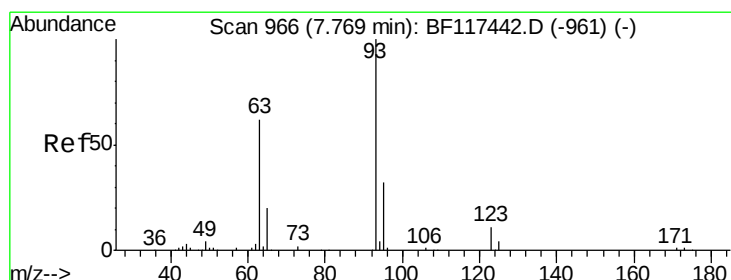
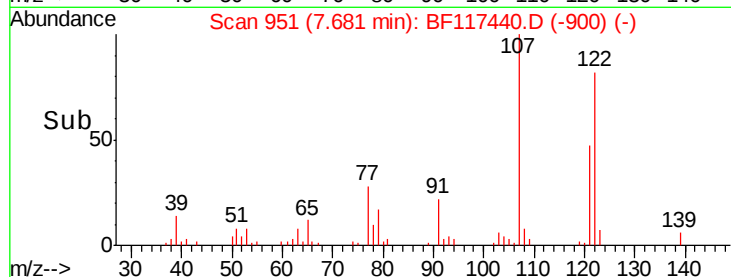
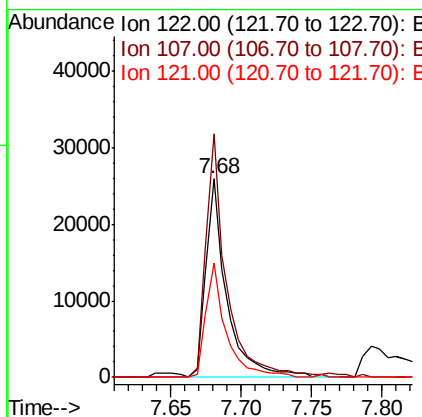
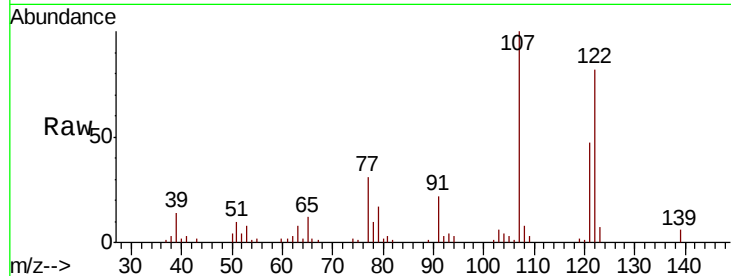
ClientSampleId :

SSTDIC010

Tot Ion	Ratio	Lower	Upper
122	100		
107	122.7	96.8	145.2
121	57.6	46.4	69.6

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#28

bis(2-Chloroethoxy)methane

Concen: 10.170 ng

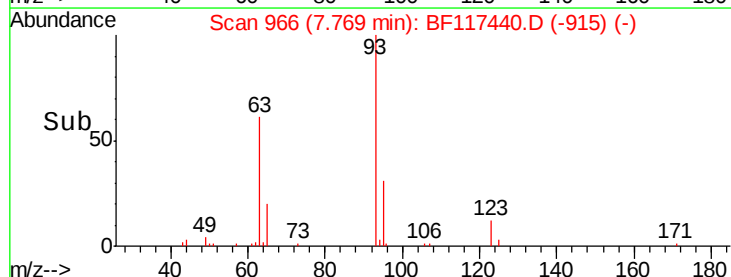
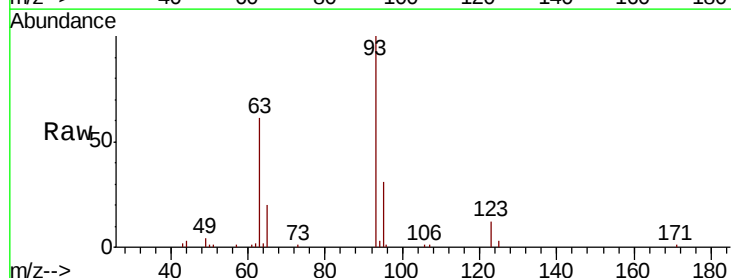
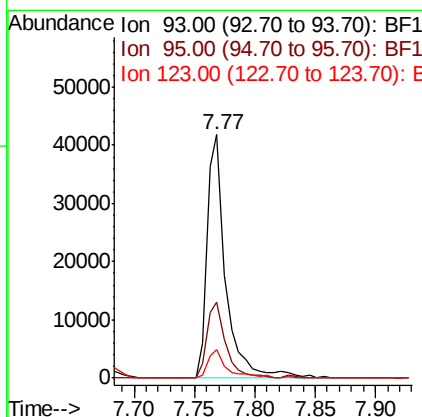
RT: 7.77 min Scan# 966

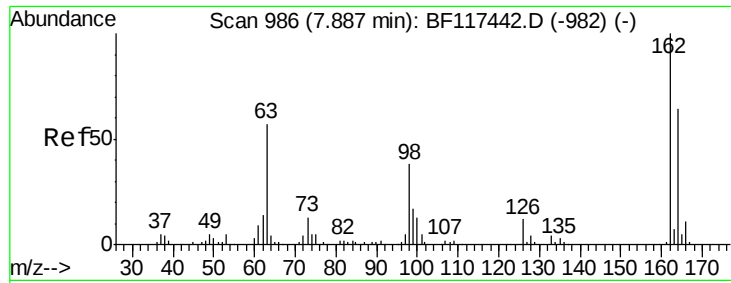
Delta R.T. -0.00 min

Lab File: BF117440.D

Acq: 18 Oct 2019 15:13

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.2	25.5	38.3
123	11.9	9.0	13.6





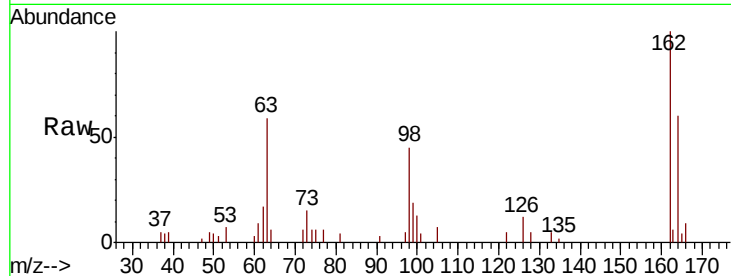
#29
2,4-Dichlorophenol
Concen: 9.808 ng
RT: 7.89 min Scan# 987
Delta R.T. 0.01 min
Lab File: BF117440.D
Acq: 18 Oct 2019 15:13

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Lower	Upper
162	100		
164	60.0	44.4	84.4
98	45.5	18.2	58.2

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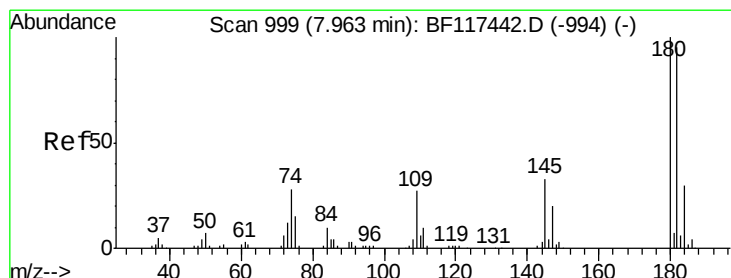
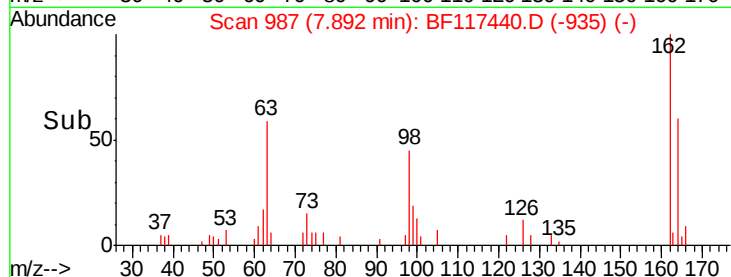
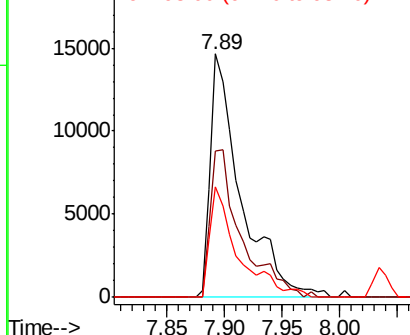


Abundance

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: 10.124 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.00 min
Lab File: BF117440.D
Acq: 18 Oct 2019 15:13

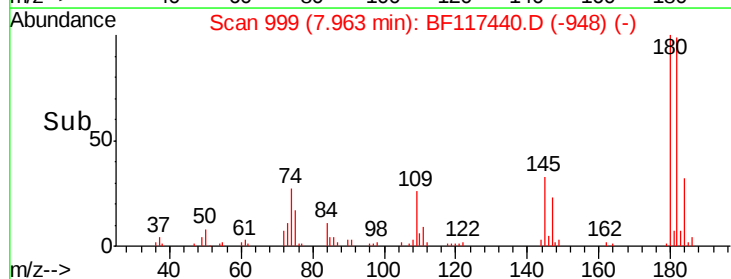
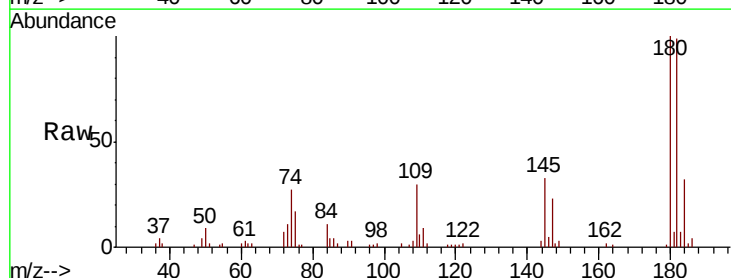
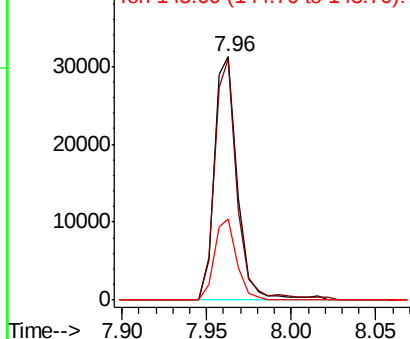
Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.8	75.8	113.8
145	33.2	26.5	39.7

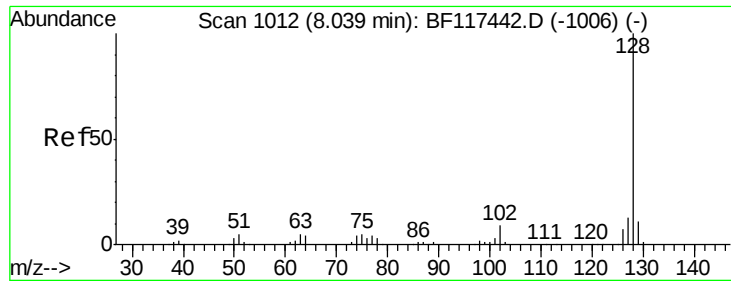
Abundance

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





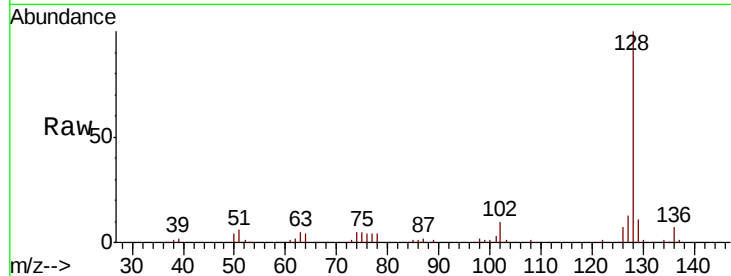
#31
Naphthalene
Concen: 10.405 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF117440.D
Acq: 18 Oct 2019 15:13

Instrument :
BNA_F
ClientSampled :
SSTDICC010

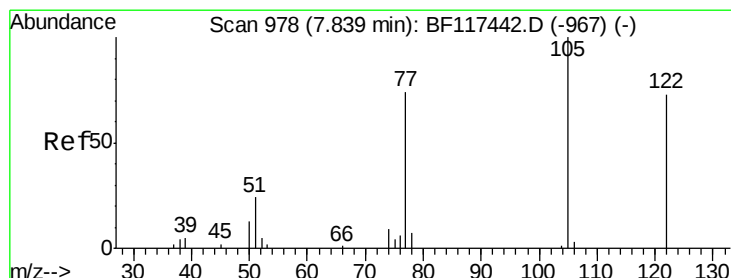
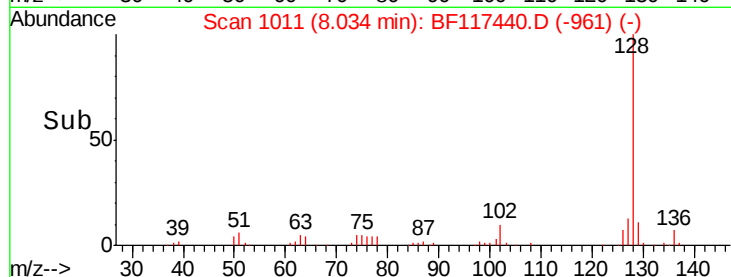
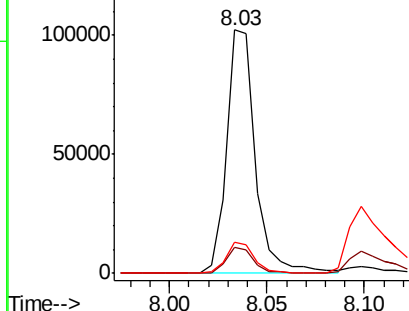
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.0	13.4
127	12.9	10.2	15.2

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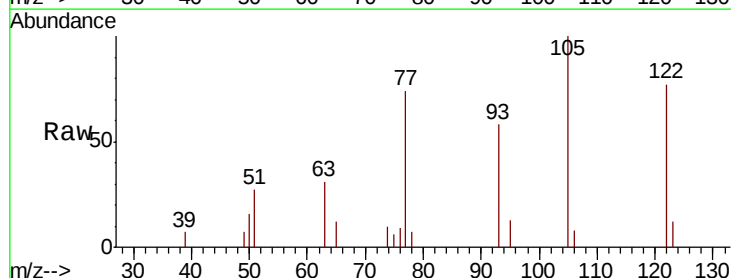


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

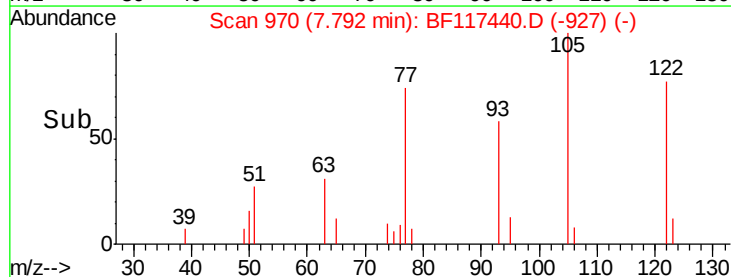
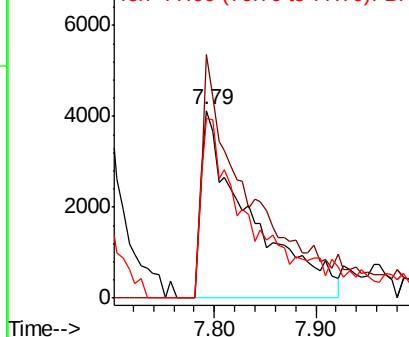


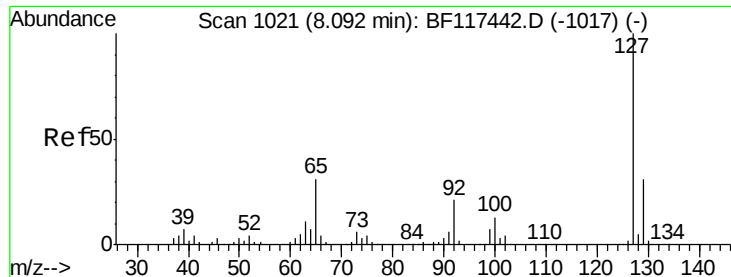
#32
Benzoic acid
Concen: 8.275 ng
RT: 7.79 min Scan# 970
Delta R.T. -0.05 min
Lab File: BF117440.D
Acq: 18 Oct 2019 15:13

Tgt Ion	Ratio	Lower	Upper
122	100		
105	129.7	115.0	155.0
77	96.0	79.7	119.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





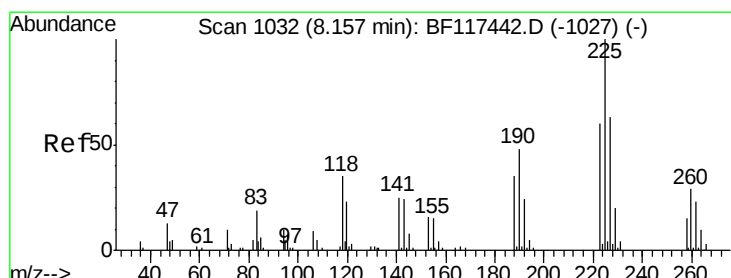
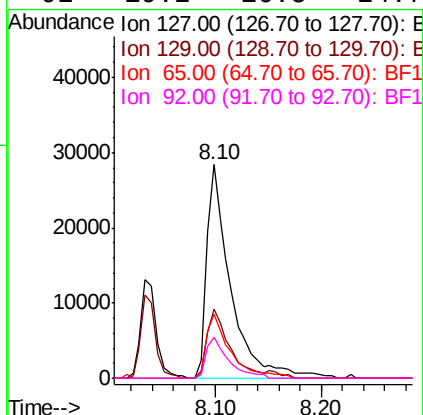
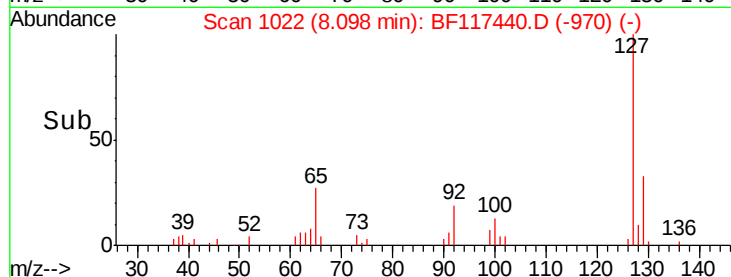
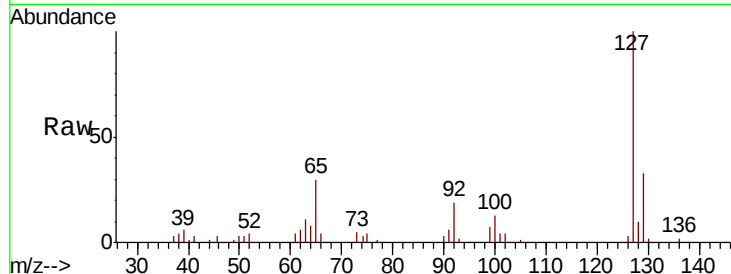
#33
4-Chloroaniline
Concen: 10.486 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.01 min
Lab File: BF117440.D
Acq: 18 Oct 2019 15:13

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		44685		
129	32.6	24.8	37.2		
65	29.8	24.6	37.0		
92	19.2	16.5	24.7		

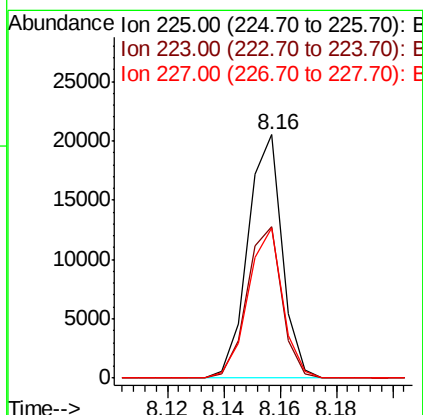
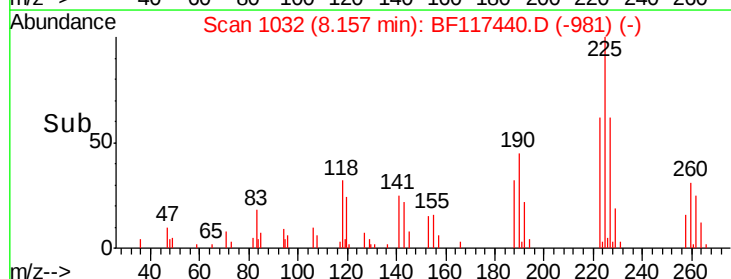
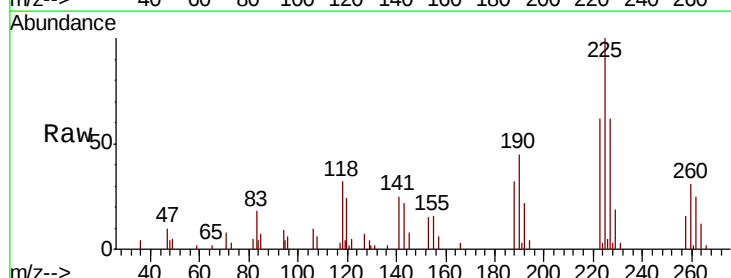
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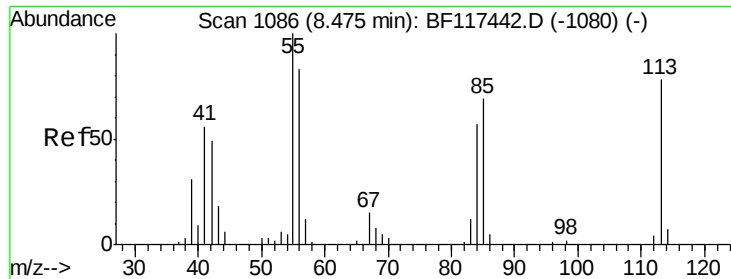
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#34
Hexachlorobutadiene
Concen: 10.145 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF117440.D
Acq: 18 Oct 2019 15:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		17303		
223	62.1	48.2	72.4		
227	61.6	50.2	75.4		





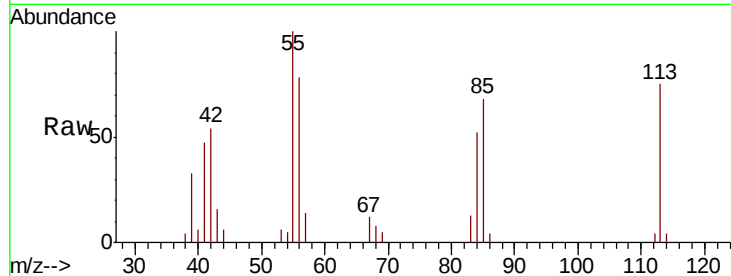
#35
Caprolactam
Concen: 10.286 ng
RT: 8.44 min Scan# 1080
Delta R.T. -0.04 min
Lab File: BF117440.D
Acq: 18 Oct 2019 15:13

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Lower	Upper
113	100		
55	133.0	108.8	148.8
56	103.3	87.2	127.2

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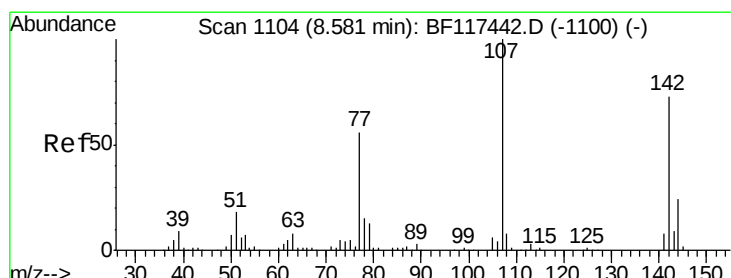
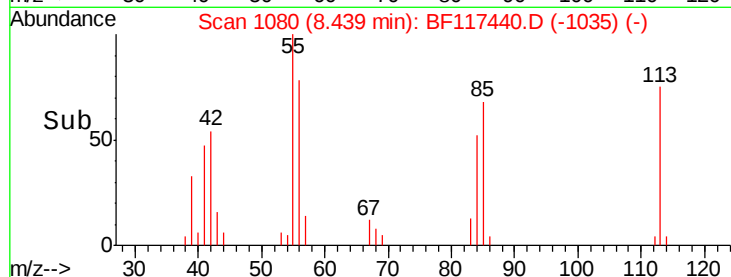
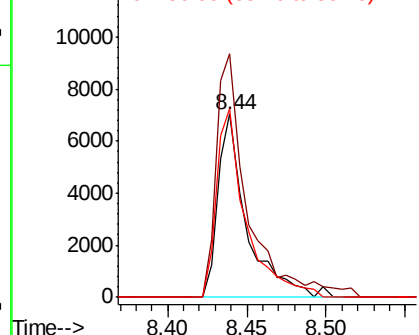


Abundance

Ion 113.00 (112.70 to 113.70): E

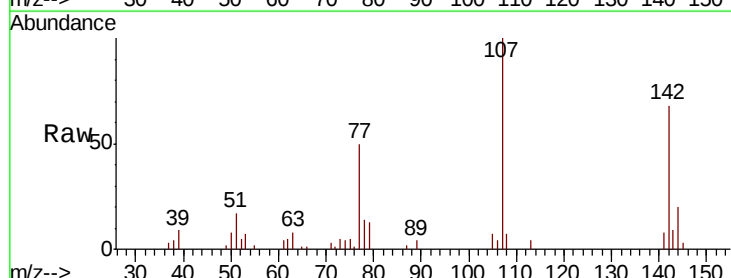
Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36
4-Chloro-3-methylphenol
Concen: 10.464 ng
RT: 8.58 min Scan# 1104
Delta R.T. -0.00 min
Lab File: BF117440.D
Acq: 18 Oct 2019 15:13

Tgt Ion	Ratio	Lower	Upper
107	100		
144	20.1	18.9	28.3
142	68.5	58.6	88.0

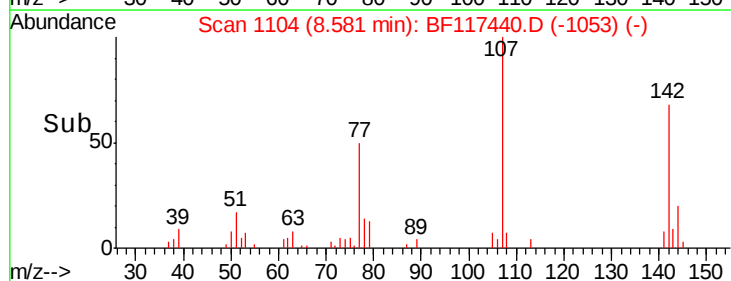
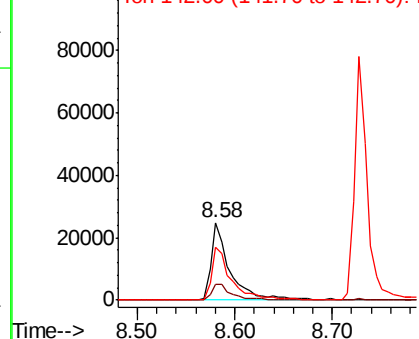


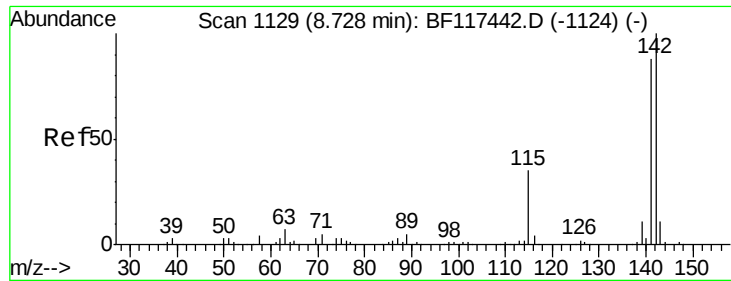
Abundance

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





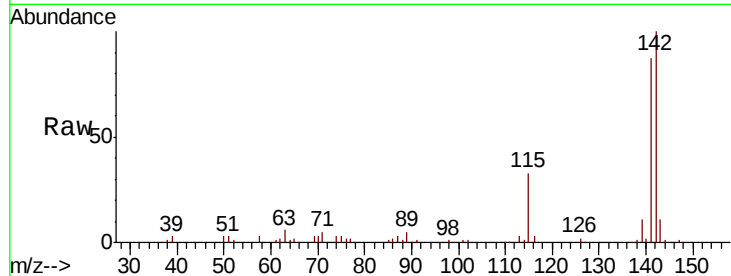
#37
2-Methylnaphthalene
Concen: 10.418 ng
RT: 8.73 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BF117440.D
Acq: 18 Oct 2019 15:13

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.6	70.3	105.5
115	32.7	28.2	42.2

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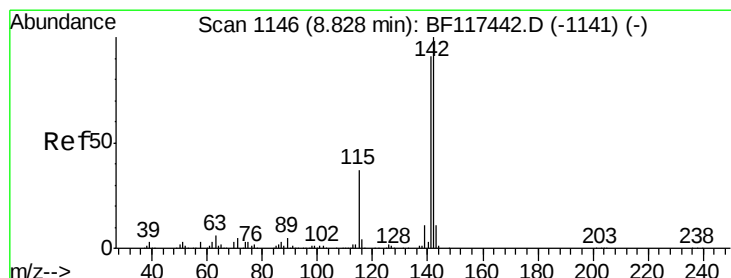
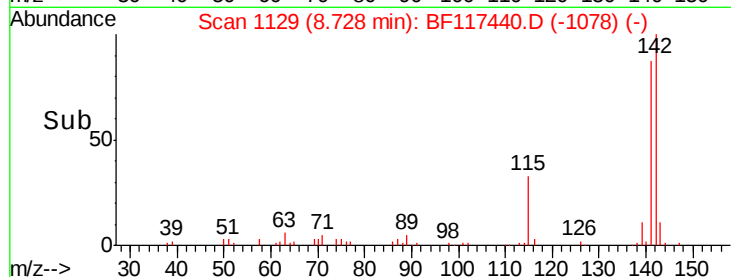
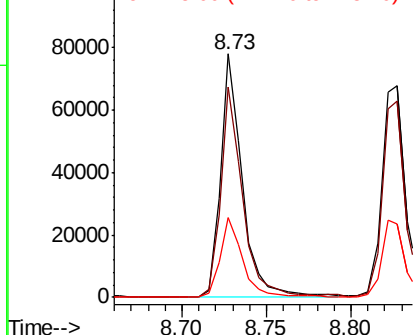


Abundance

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: 10.444 ng
RT: 8.83 min Scan# 1146
Delta R.T. -0.00 min
Lab File: BF117440.D
Acq: 18 Oct 2019 15:13

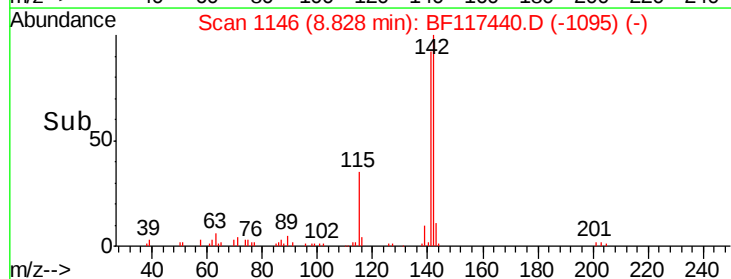
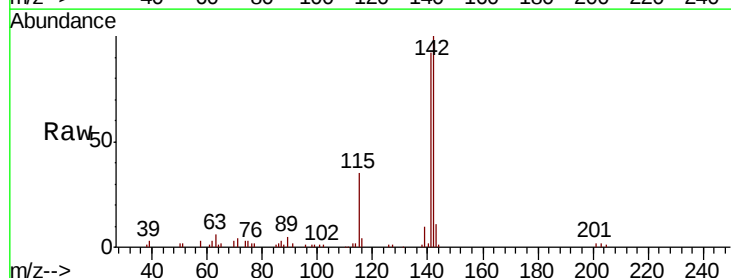
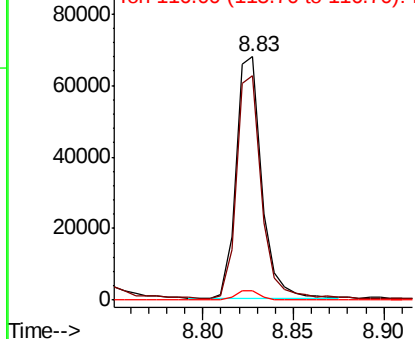
Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.3	73.3	109.9
116	3.6	3.1	4.7

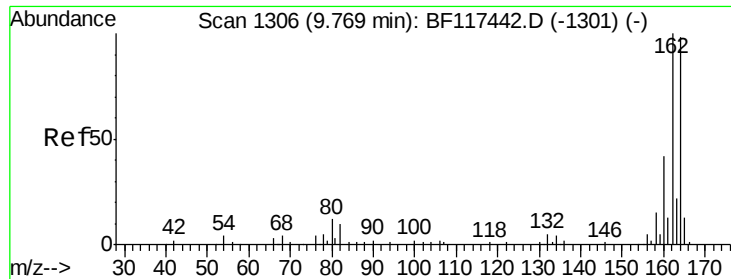
Abundance

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





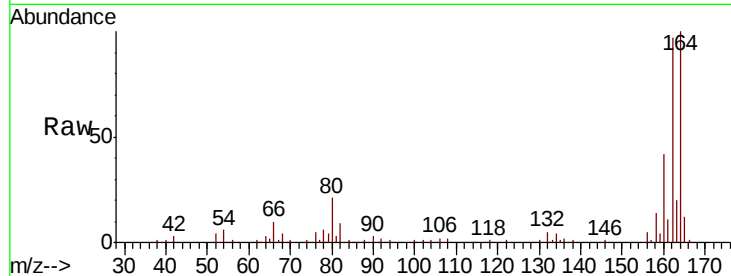
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF117440.D
Acq: 18 Oct 2019 15:13

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Lower	Upper
164	100		
162	97.2	81.8	122.6
160	42.4	34.4	51.6

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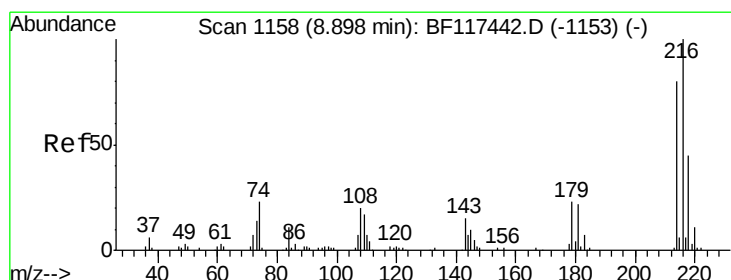
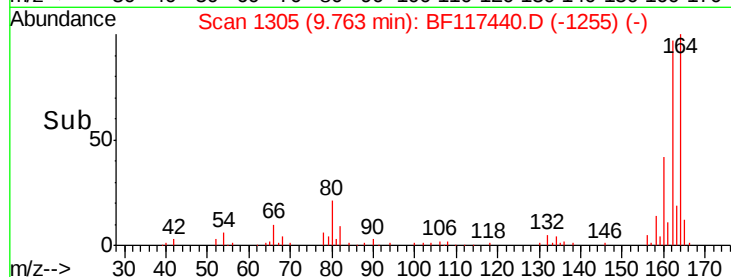
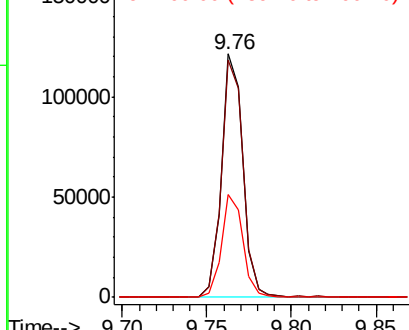


Abundance

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: 9.880 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BF117440.D
Acq: 18 Oct 2019 15:13

Tgt Ion	Ratio	Lower	Upper
216	100		
214	81.4	62.4	93.6
179	21.7	18.1	27.1
108	20.9	16.6	24.8

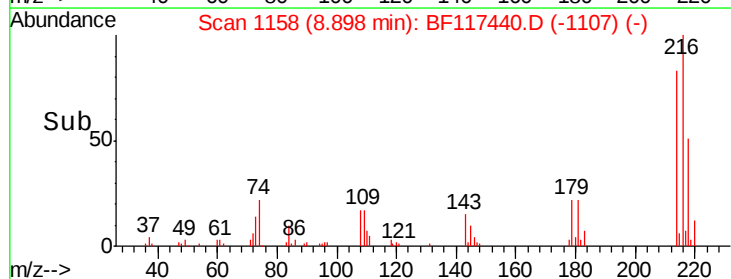
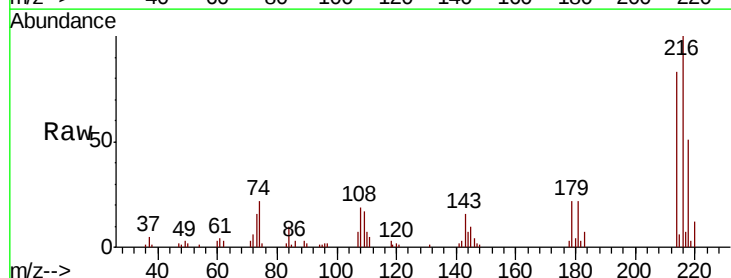
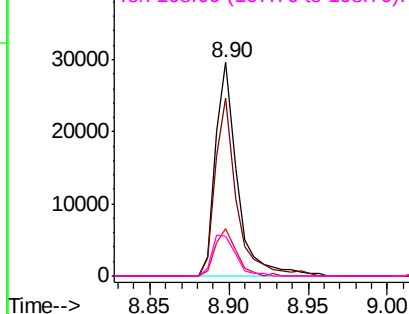
Abundance

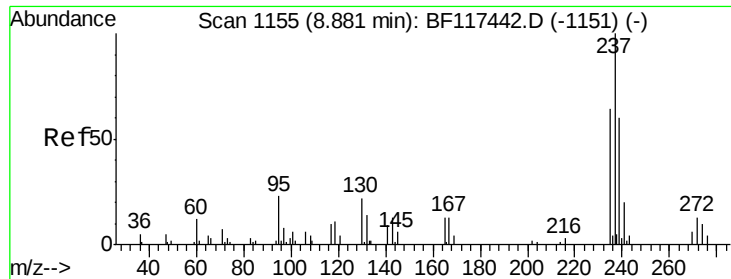
Ion 216.00 (215.70 to 216.70): E

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: 1.677 ng

RT: 8.88 min Scan# 1155

Delta R.T. -0.00 min

Lab File: BF117440.D

Acq: 18 Oct 2019 15:13

Instrument :

BNA_F

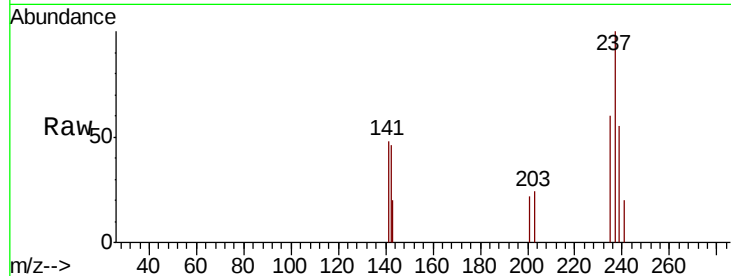
ClientSampleId :

SSTDIC010

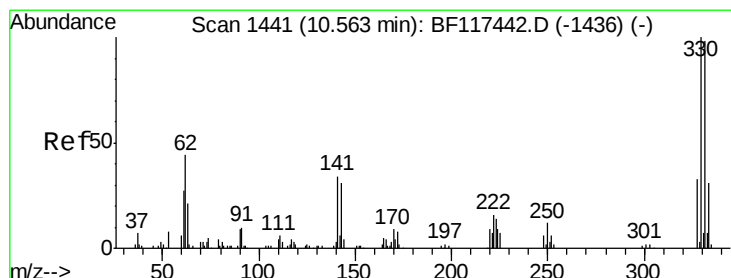
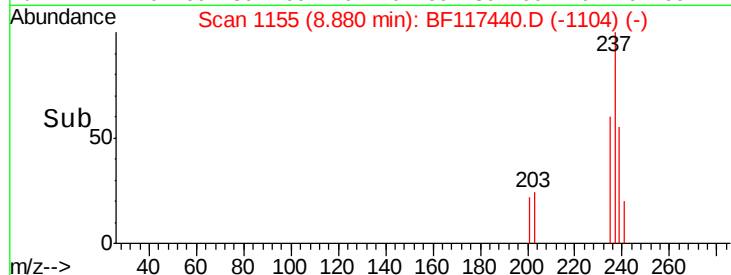
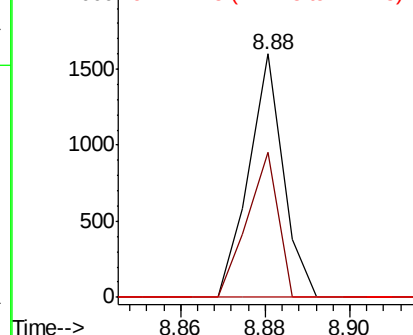
Tot Ion:	237	Resp:	906
Ion Ratio	Lower	Upper	
237	100		
235	59.5	44.3	84.3
272	0.0	0.0	33.2

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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: 21.450 ng

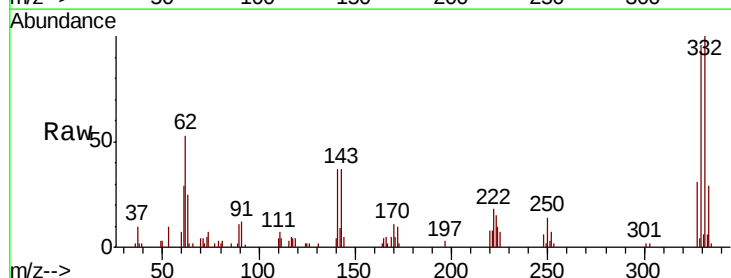
RT: 10.56 min Scan# 1440

Delta R.T. -0.01 min

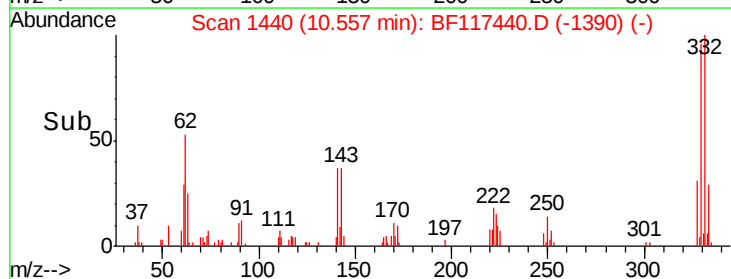
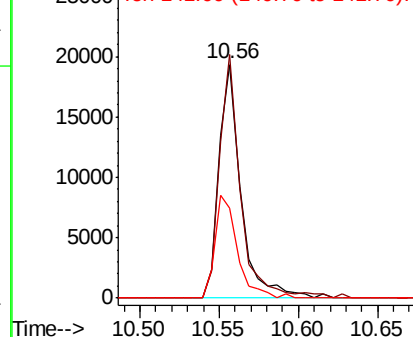
Lab File: BF117440.D

Acq: 18 Oct 2019 15:13

Tgt Ion:	330	Resp:	18764
Ion Ratio	Lower	Upper	
330	100		
332	100.0	78.5	117.7
141	44.7	37.0	55.6



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





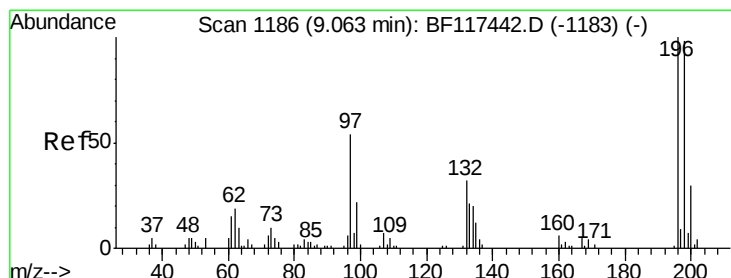
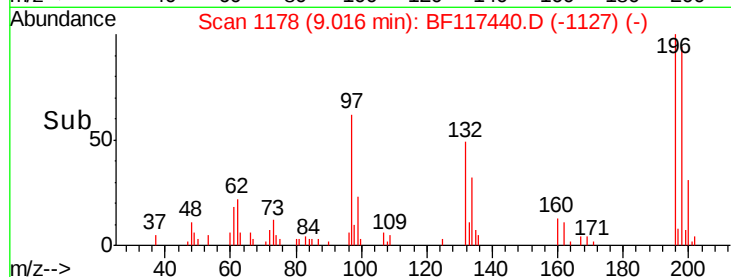
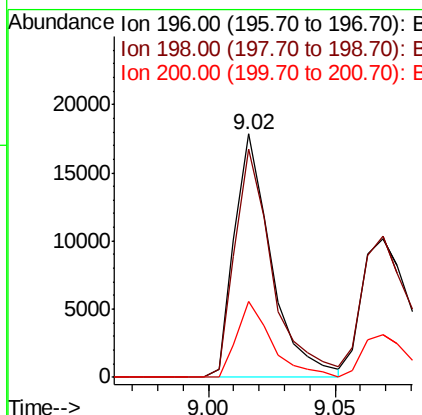
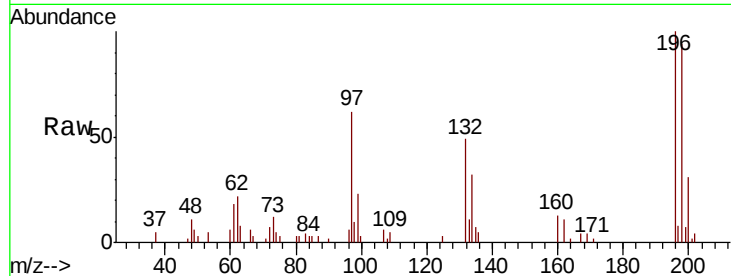
#43
 2,4,6-Trichlorophenol
 Concen: 9.905 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: BF117440.D
 Acq: 18 Oct 2019 15:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Tot Ion:	196	Resp:	18132
Ion Ratio	Lower	Upper	
196	100		
198	93.8	74.1	111.1
200	31.2	23.9	35.9

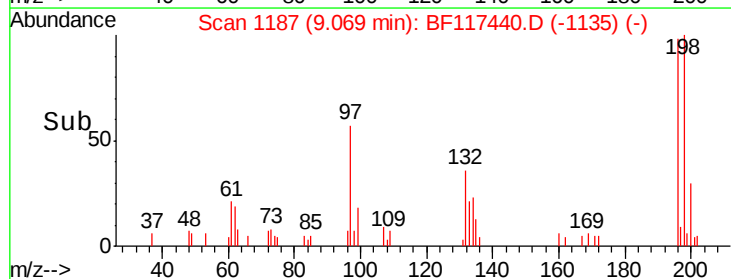
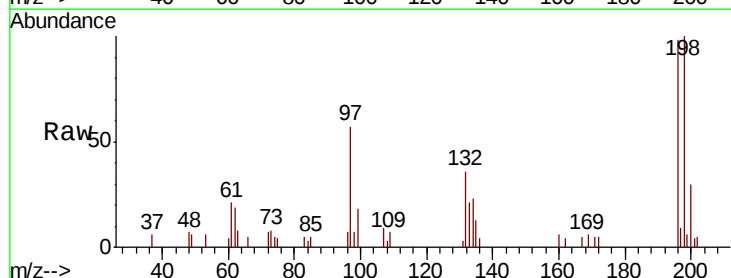
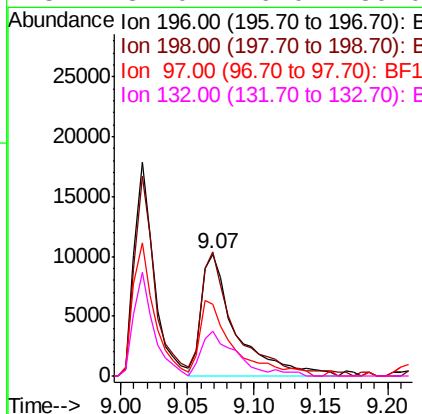
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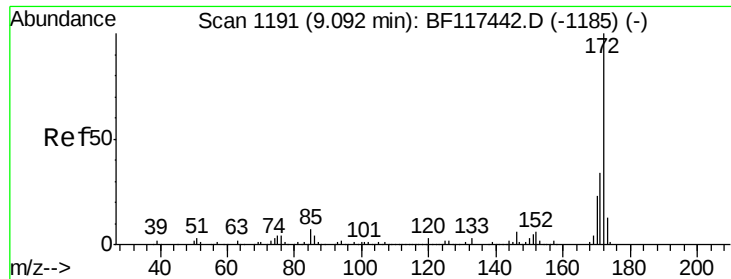
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 9.771 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. 0.01 min
 Lab File: BF117440.D
 Acq: 18 Oct 2019 15:13

Tgt Ion:	196	Resp:	18245
Ion Ratio	Lower	Upper	
196	100		
198	101.7	78.6	117.8
97	58.5	43.4	65.2
132	37.0	26.0	39.0





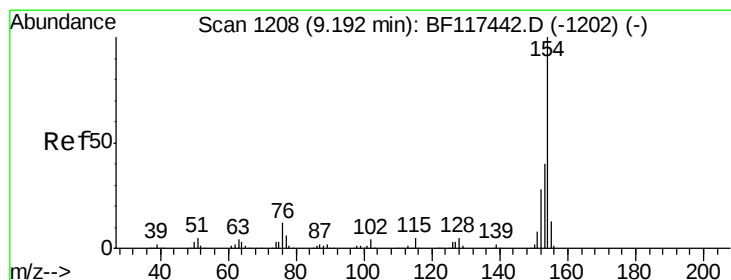
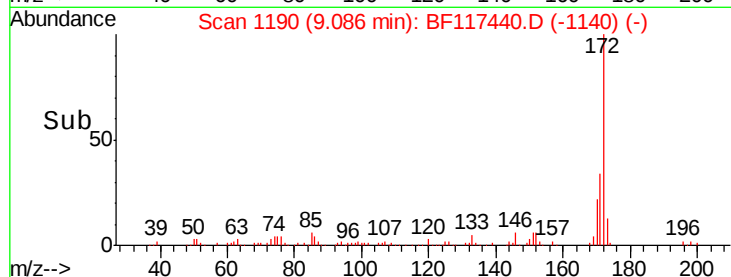
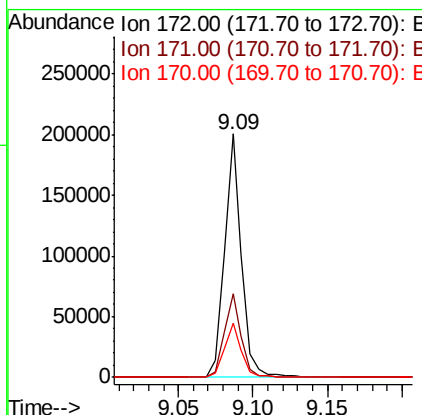
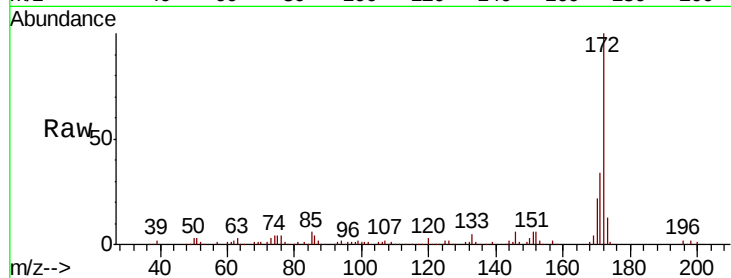
#45
2-Fluorobiphenyl
Concen: 21.706 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF117440.D
Acq: 18 Oct 2019 15:13

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.2	27.5	41.3
170	22.0	18.6	27.8

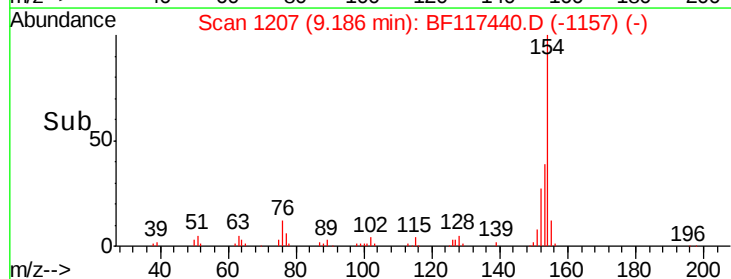
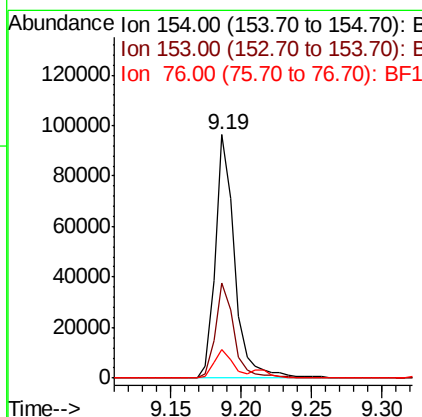
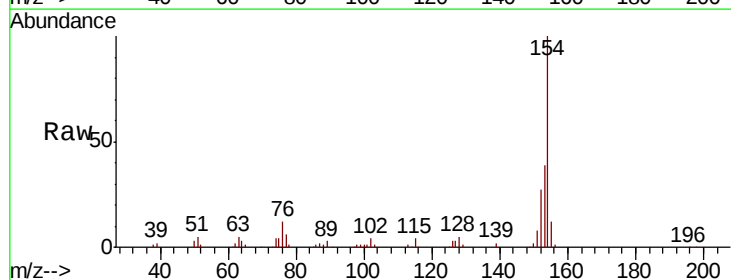
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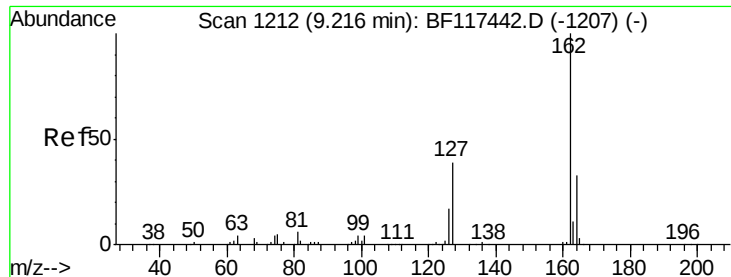
mohammad
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#46
1,1'-Biphenyl
Concen: 10.480 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BF117440.D
Acq: 18 Oct 2019 15:13

Tgt Ion	Ratio	Lower	Upper
154	100		
153	38.8	20.2	60.2
76	11.6	0.0	32.1





#47

2-Chloronaphthalene

Concen: 10.184 ng

RT: 9.22 min Scan# 1212

Delta R.T. -0.00 min

Lab File: BF117440.D

Acq: 18 Oct 2019 15:13

Instrument :

BNA_F

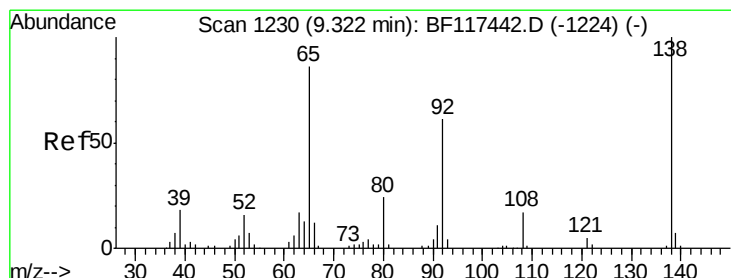
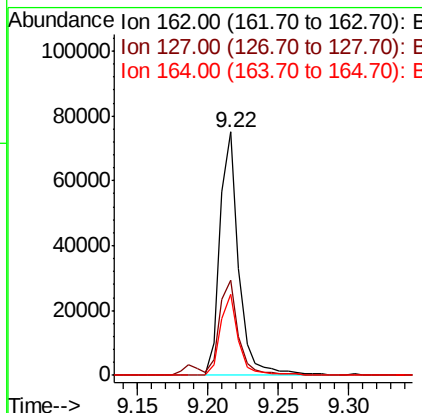
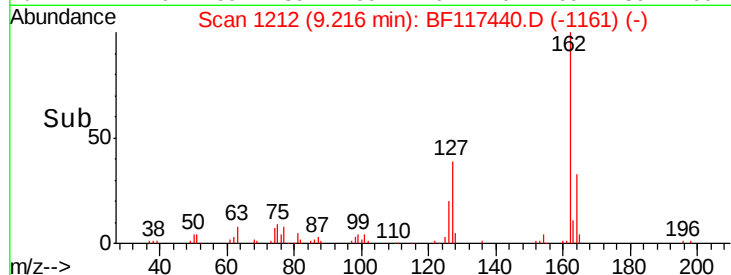
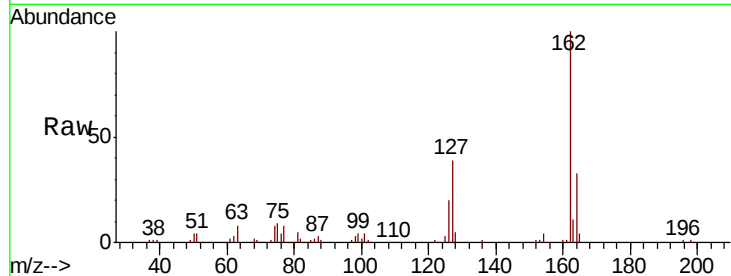
ClientSampleId :

SSTDIC010

Tot Ion:	162	Resp:	69709
Ion Ratio	Lower	Upper	
162	100		
127	39.2	34.2	51.4
164	33.3	26.4	39.6

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#48

2-Nitroaniline

Concen: 10.115 ng

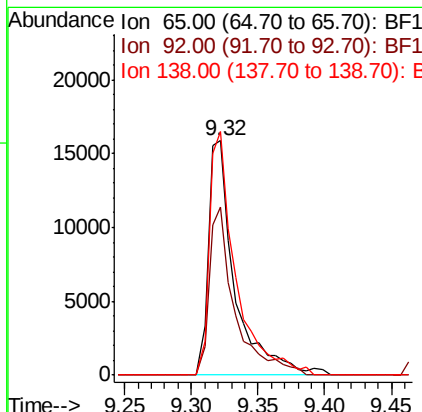
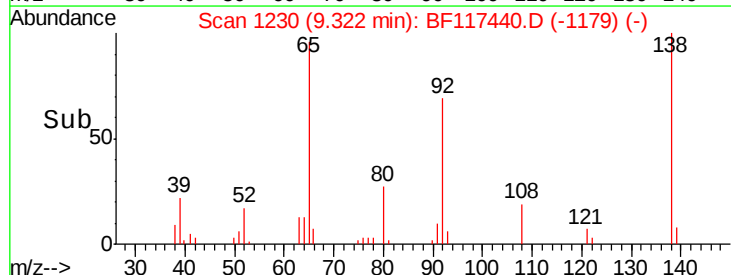
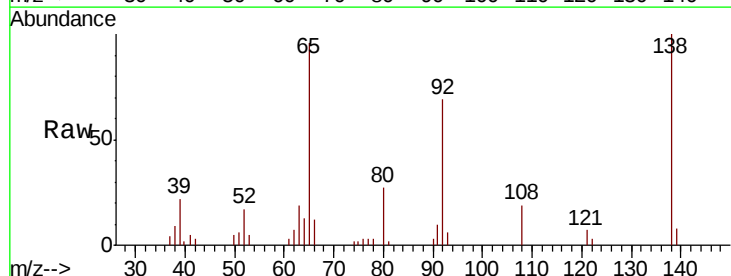
RT: 9.32 min Scan# 1230

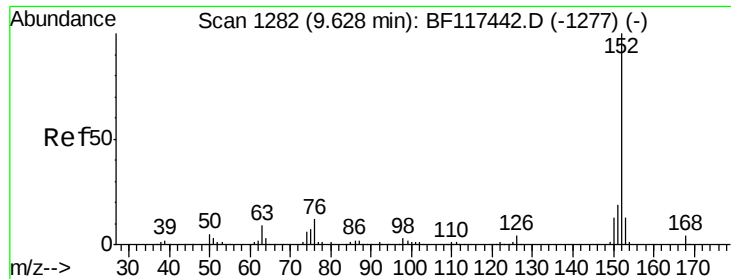
Delta R.T. -0.00 min

Lab File: BF117440.D

Acq: 18 Oct 2019 15:13

Tgt Ion:	65	Resp:	22091
Ion Ratio	Lower	Upper	
65	100		
92	71.5	57.3	85.9
138	103.9	93.3	139.9





#49

Acenaphthylene

Concen: 10.309 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.00 min

Lab File: BF117440.D

Acq: 18 Oct 2019 15:13

Instrument :

BNA_F

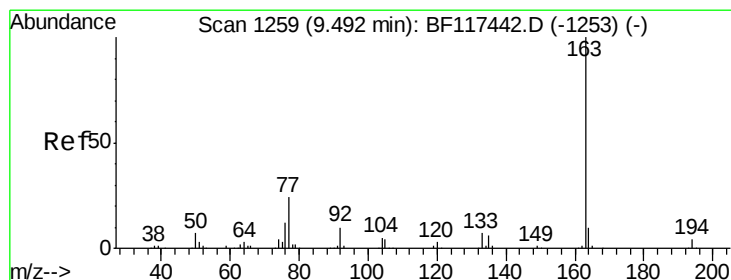
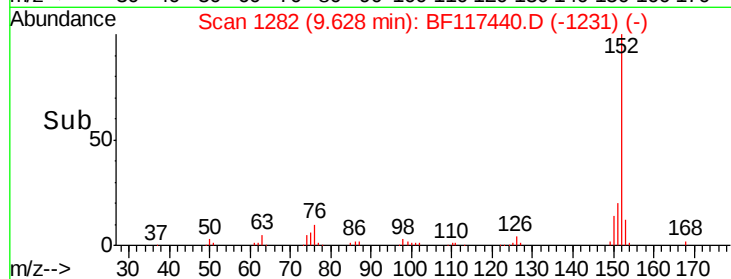
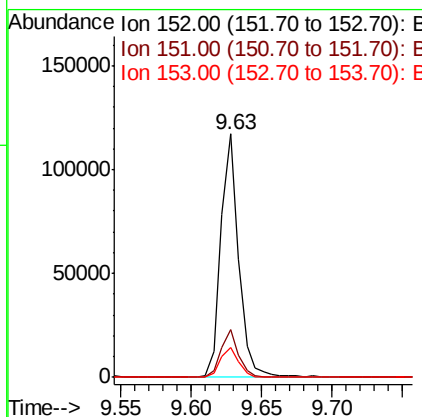
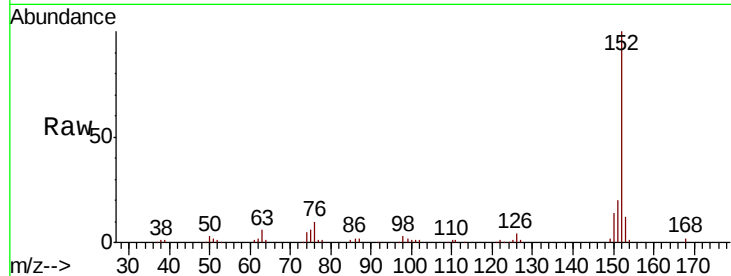
ClientSampleId :

SSTDICC010

Tot Ion:	152	Resp:	103444
Ion Ratio	Lower	Upper	
152	100		
151	19.8	15.4	23.0
153	12.0	10.3	15.5

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#50

Dimethylphthalate

Concen: 10.349 ng

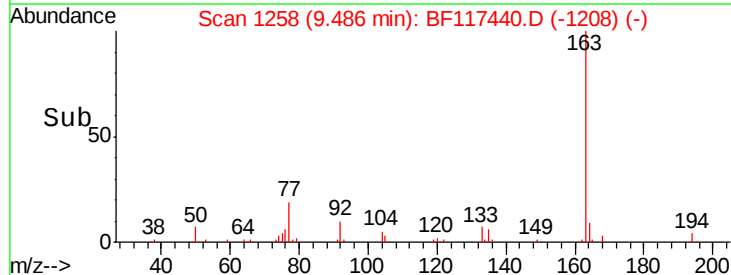
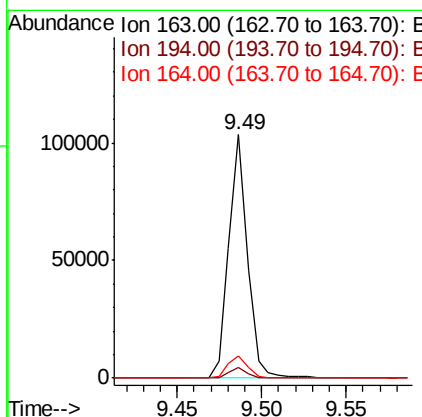
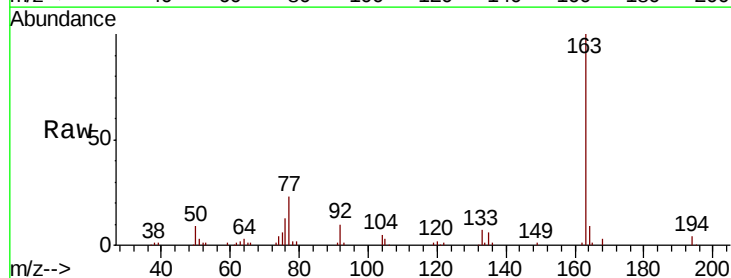
RT: 9.49 min Scan# 1258

Delta R.T. -0.01 min

Lab File: BF117440.D

Acq: 18 Oct 2019 15:13

Tgt Ion:	163	Resp:	79885
Ion Ratio	Lower	Upper	
163	100		
194	4.2	2.9	4.3
164	9.4	8.2	12.2





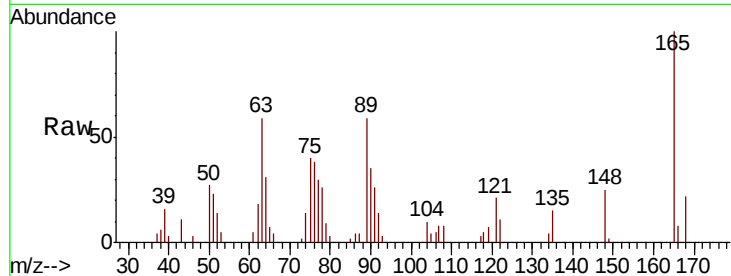
#51
2,6-Dinitrotoluene
Concen: 9.771 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF117440.D
Acq: 18 Oct 2019 15:13

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Lower	Upper
165	100		
63	59.3	43.8	65.8
89	59.1	47.6	71.4

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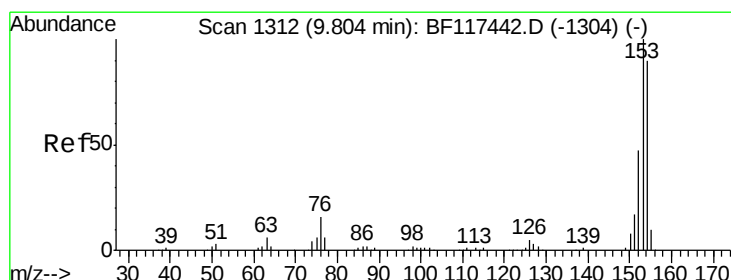
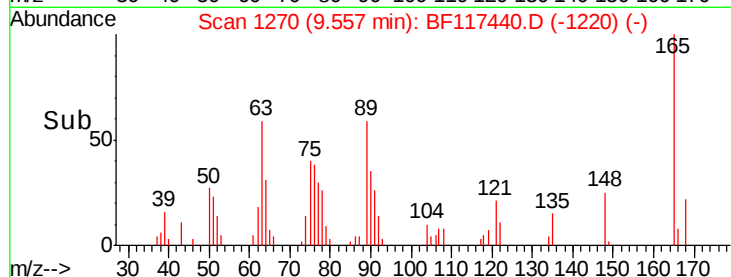
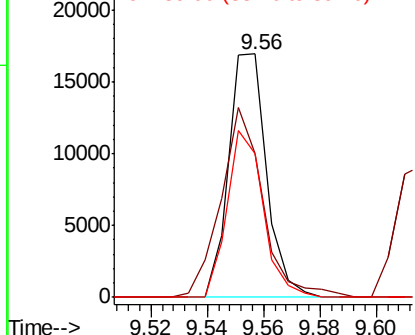


Abundance

Ion 165.00 (164.70 to 165.70): E

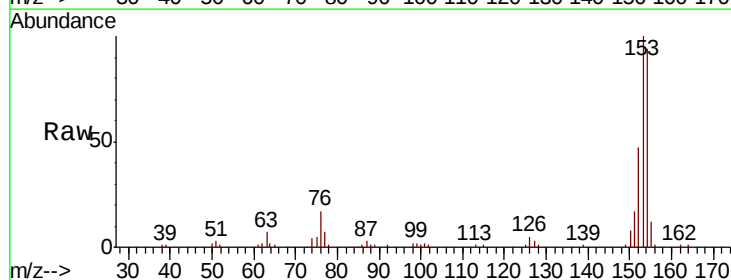
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52
Acenaphthene
Concen: 10.535 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF117440.D
Acq: 18 Oct 2019 15:13

Tgt Ion	Ratio	Lower	Upper
154	100		
153	106.2	89.2	133.8
152	49.7	41.8	62.6

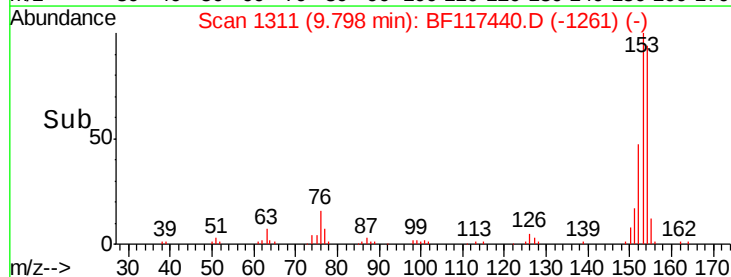
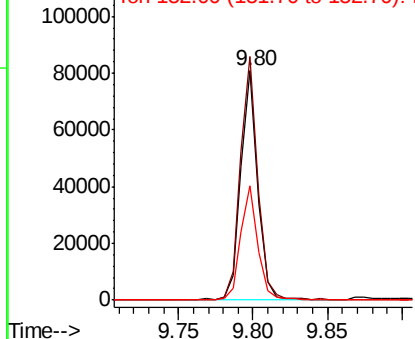


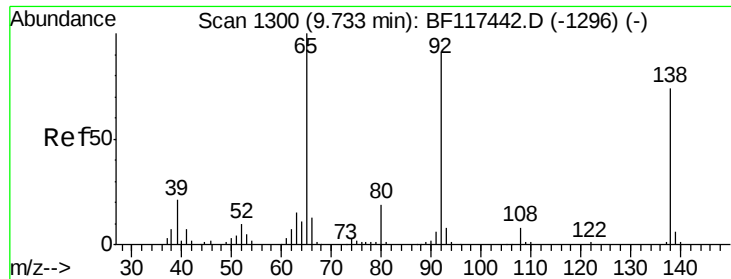
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





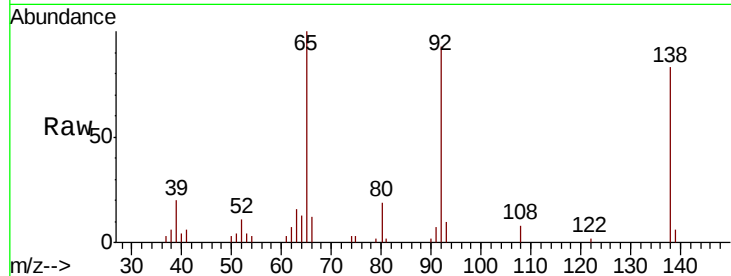
#53
3-Nitroaniline
Concen: 9.919 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BF117440.D
Acq: 18 Oct 2019 15:13

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.8	8.7	13.1
92	111.3	98.4	147.6

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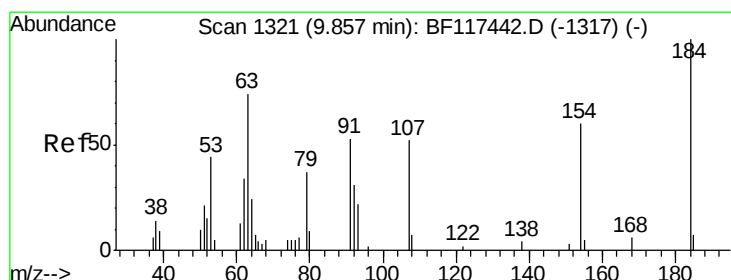
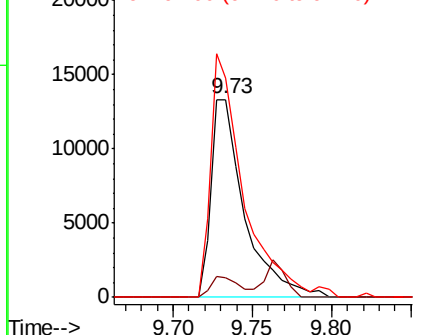
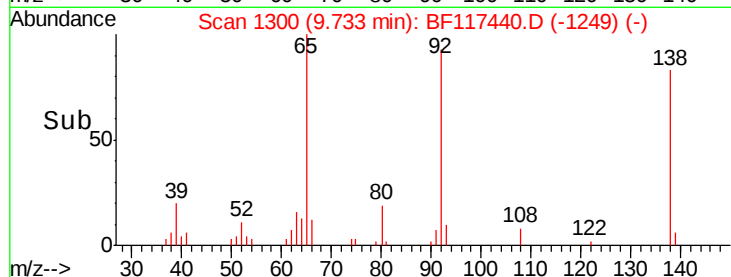


Abundance

Ion 138.00 (137.70 to 138.70): E

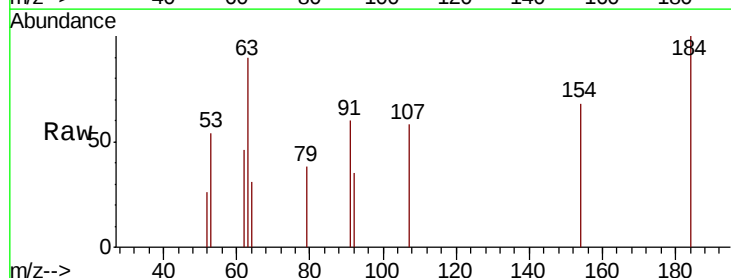
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 5.521 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.02 min
Lab File: BF117440.D
Acq: 18 Oct 2019 15:13

Tgt Ion	Ratio	Lower	Upper
184	100		
63	90.2	59.2	88.8#
154	68.2	53.4	80.0

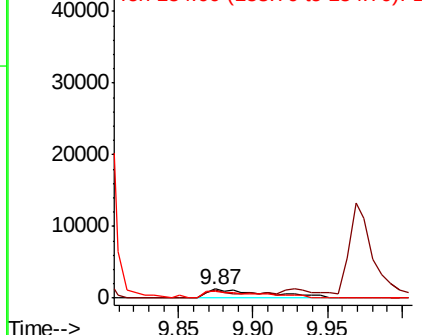
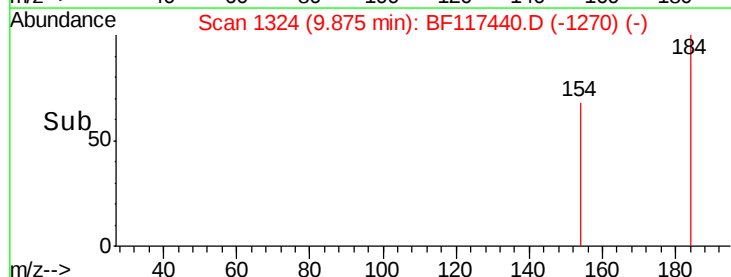


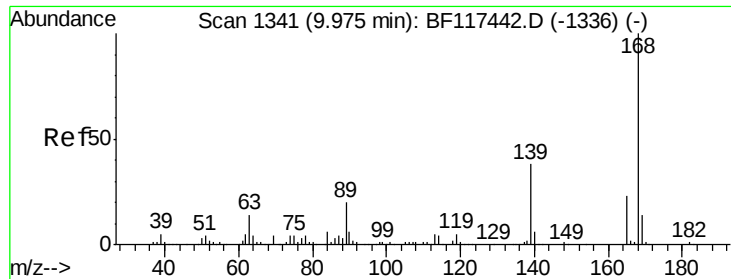
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





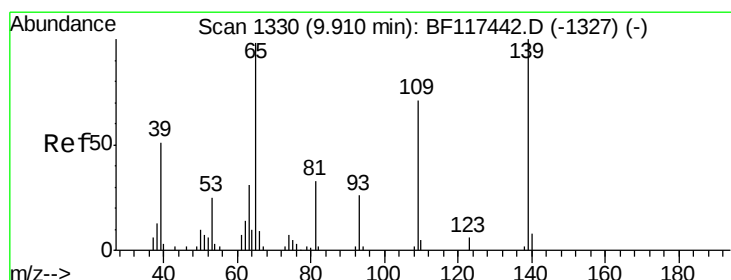
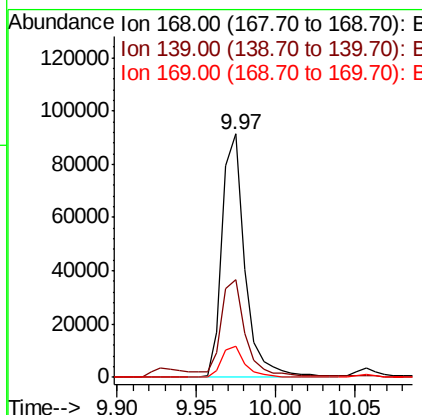
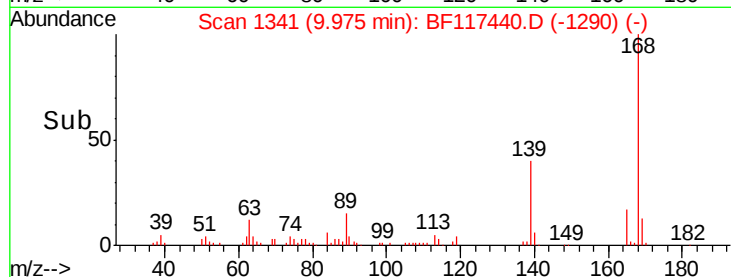
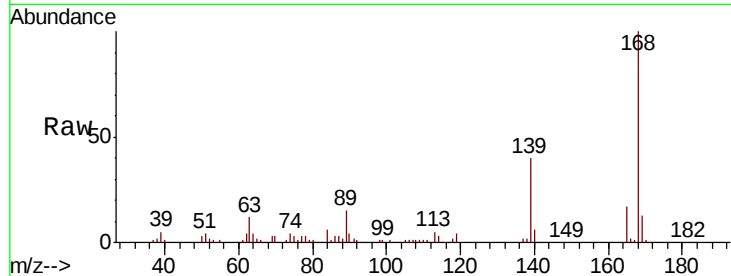
#55
Dibenzofuran
Concen: 10.359 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF117440.D
Acq: 18 Oct 2019 15:13

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.9	31.8	47.6
169	12.8	11.2	16.8

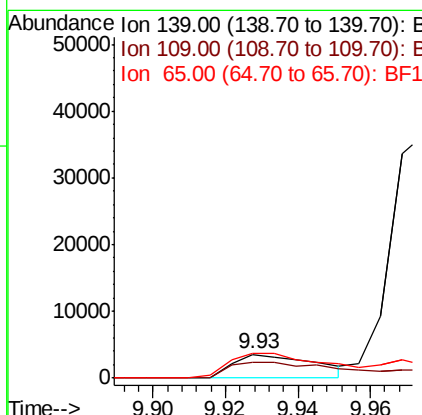
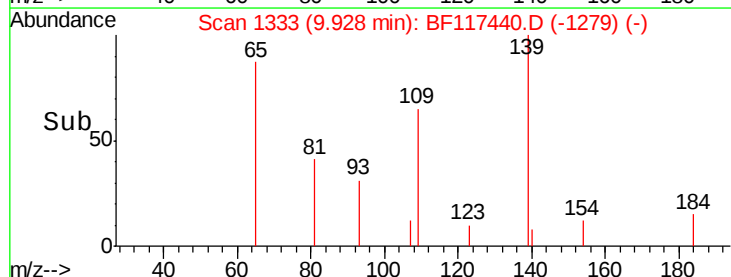
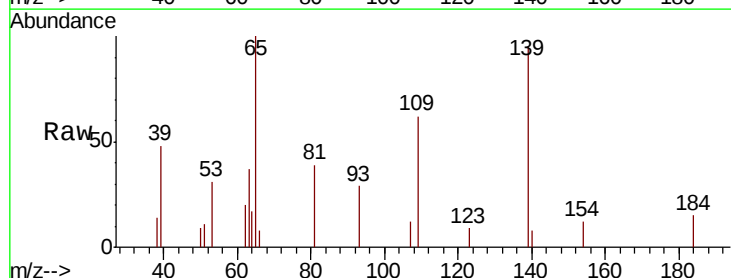
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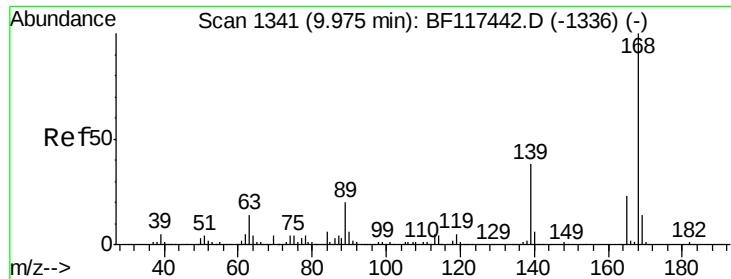
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#56
4-Nitrophenol
Concen: 7.054 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.02 min
Lab File: BF117440.D
Acq: 18 Oct 2019 15:13

Tgt Ion	Ratio	Lower	Upper
139	100		
109	65.5	51.4	91.4
65	105.1	79.4	119.4





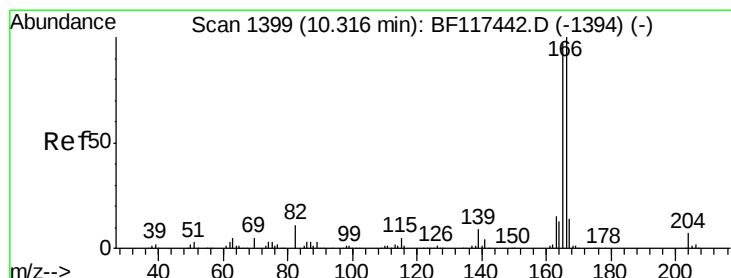
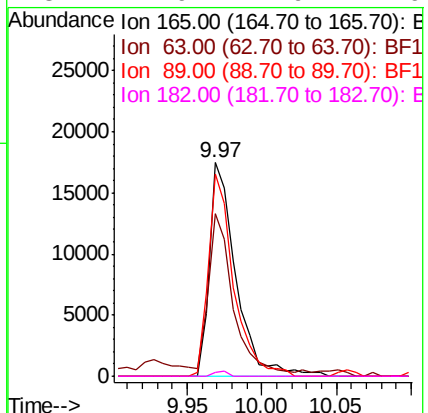
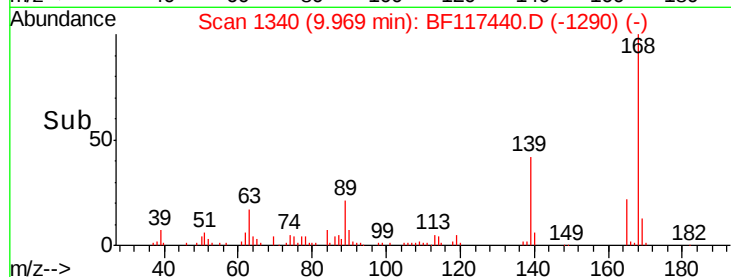
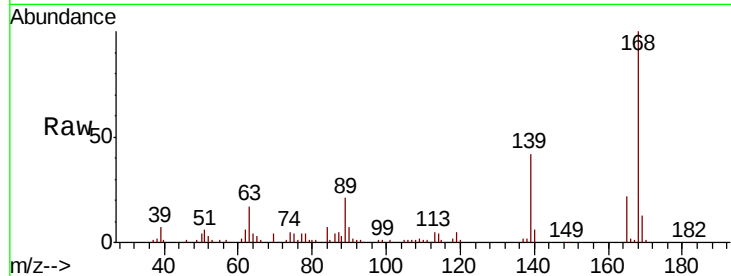
#57
 2,4-Dinitrotoluene
 Concen: 10.064 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. -0.01 min
 Lab File: BF117440.D
 Acq: 18 Oct 2019 15:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Tot Ion	Ratio	Lower	Upper
165	100		
63	76.1	51.4	77.0
89	94.9	69.9	104.9
182	1.9	1.9	2.9

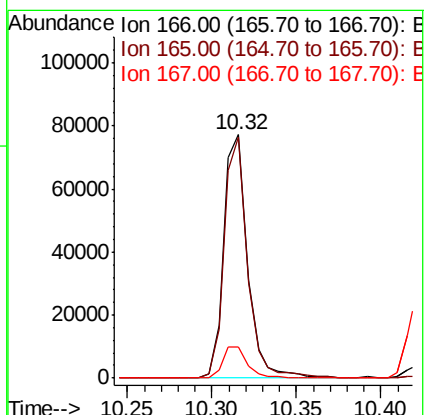
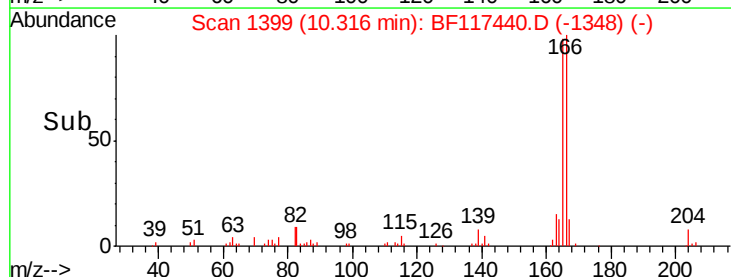
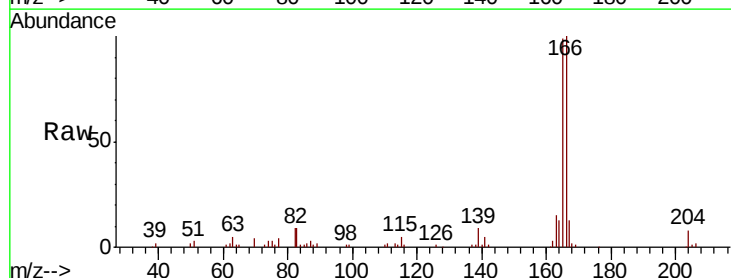
Manual Integrations
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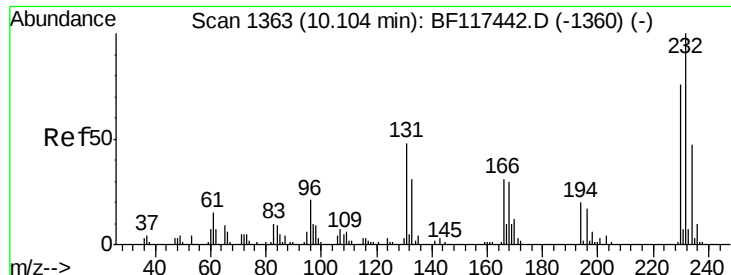
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#58
 Fluorene
 Concen: 10.262 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. -0.00 min
 Lab File: BF117440.D
 Acq: 18 Oct 2019 15:13

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.9	77.6	116.4
167	12.8	11.0	16.4





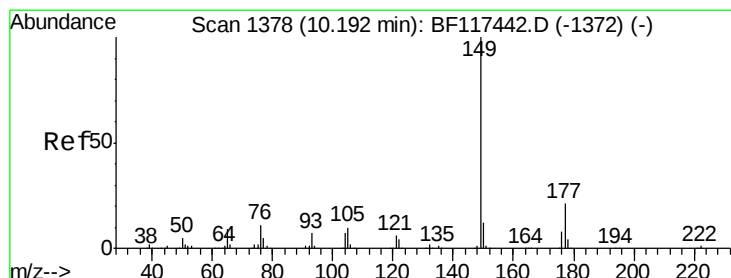
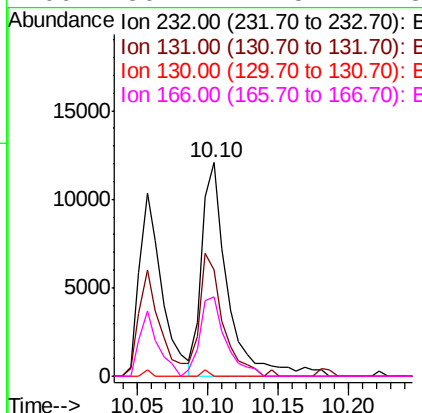
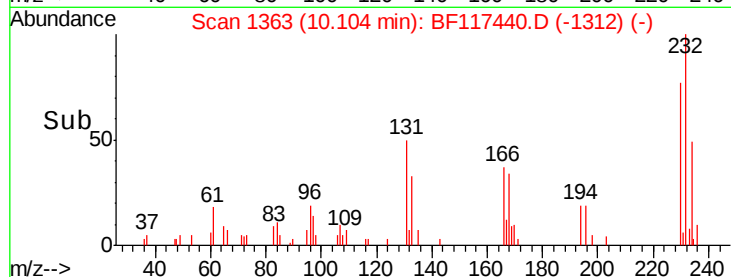
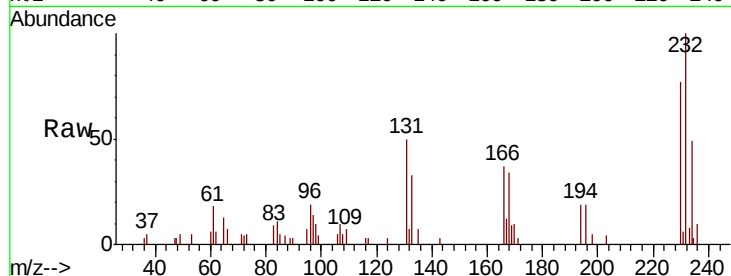
#59
2,3,4,6-Tetrachlorophenol
Concen: 10.757 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.00 min
Lab File: BF117440.D
Acq: 18 Oct 2019 15:13

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Lower	Upper
232	100		
131	52.2	42.6	63.8
130	0.8	2.2	3.4
166	36.7	27.5	41.3

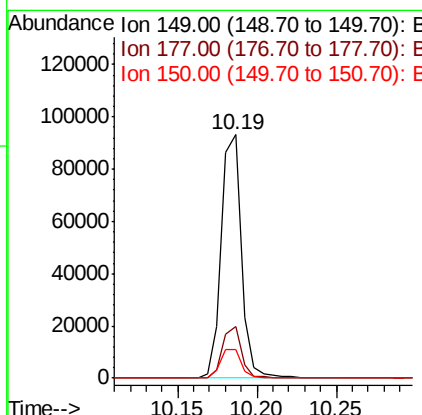
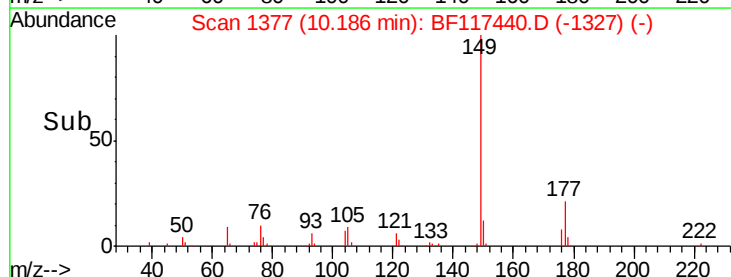
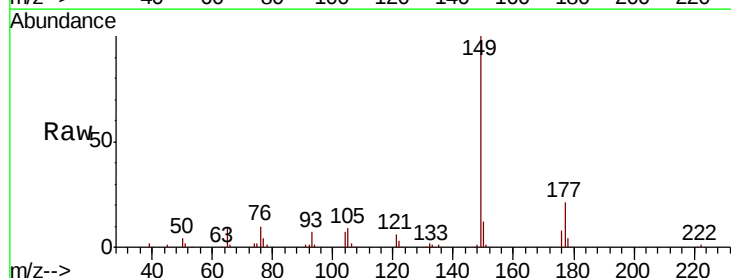
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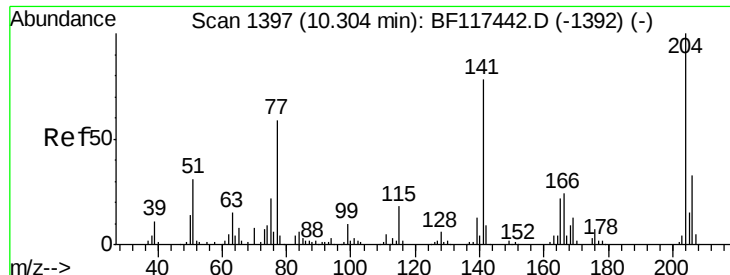
mohammad
10/20/2019 8:04:26 PM



#60
Diethylphthalate
Concen: 10.583 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BF117440.D
Acq: 18 Oct 2019 15:13

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.4	17.0	25.4
150	11.5	9.8	14.6





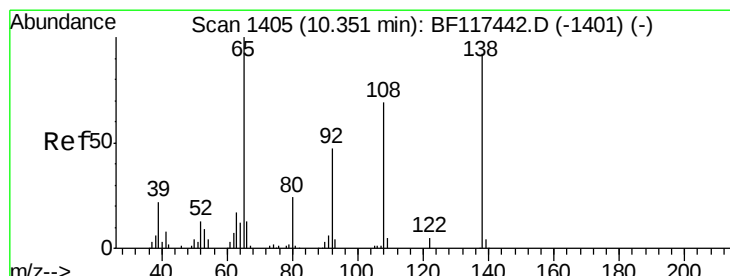
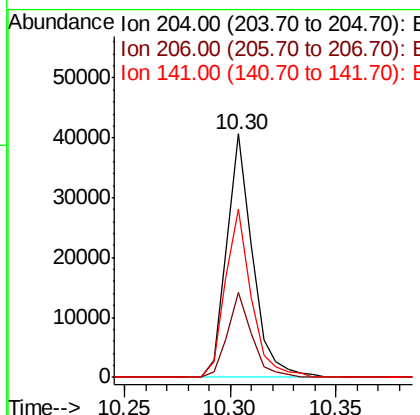
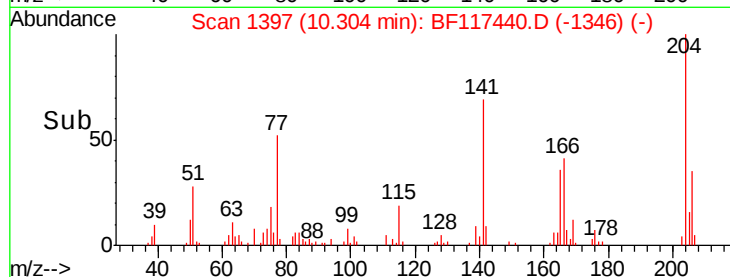
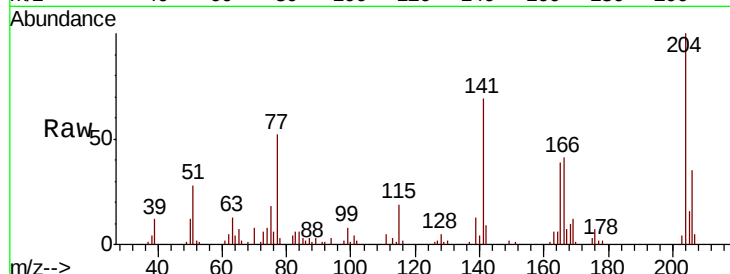
#61
4-Chlorophenyl-phenylether
Concen: 10.508 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.00 min
Lab File: BF117440.D
Acq: 18 Oct 2019 15:13

Instrument :
BNA_F
ClientSampled :
SSTDIC010

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.7	26.3	39.5
141	69.1	62.2	93.4

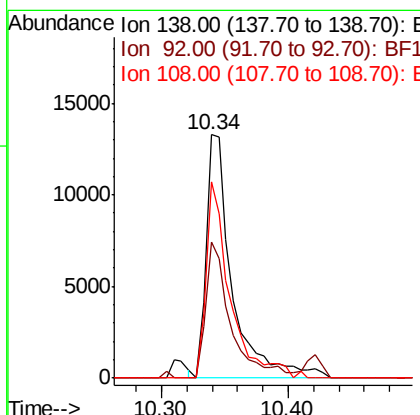
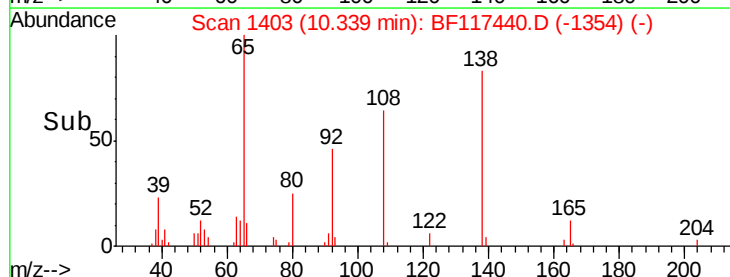
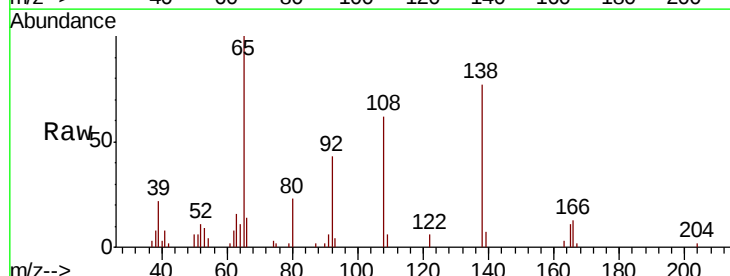
Manual Integrations
APPROVED

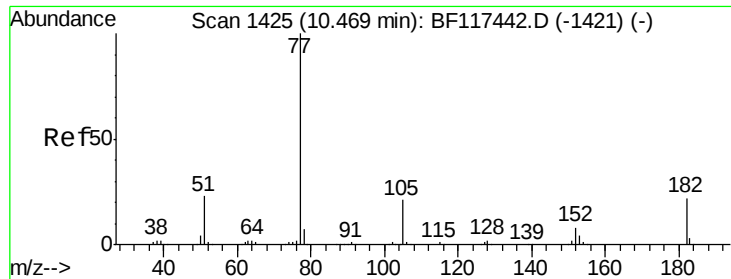
mohammad
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#62
4-Nitroaniline
Concen: 10.086 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF117440.D
Acq: 18 Oct 2019 15:13

Tgt Ion	Ratio	Lower	Upper
138	100		
92	55.7	30.3	70.3
108	80.5	54.9	94.9





#63

Azobenzene

Concen: 10.256 ng

RT: 10.46 min Scan# 1424

Delta R.T. -0.01 min

Lab File: BF117440.D

Acq: 18 Oct 2019 15:13

Instrument :

BNA_F

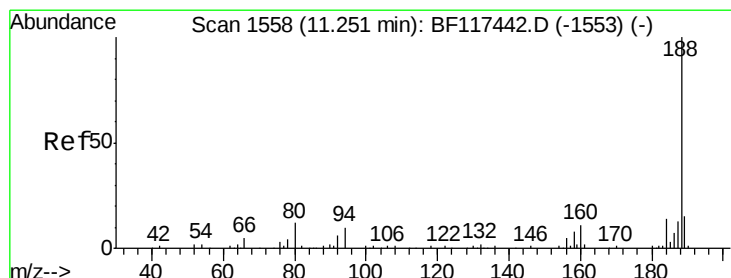
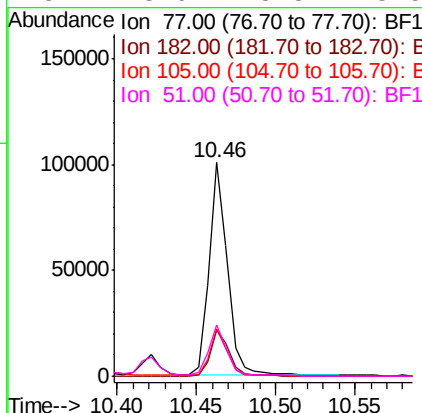
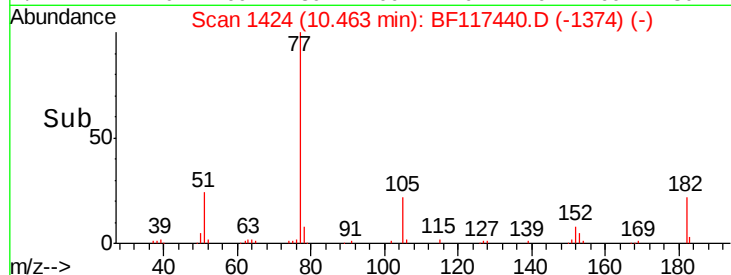
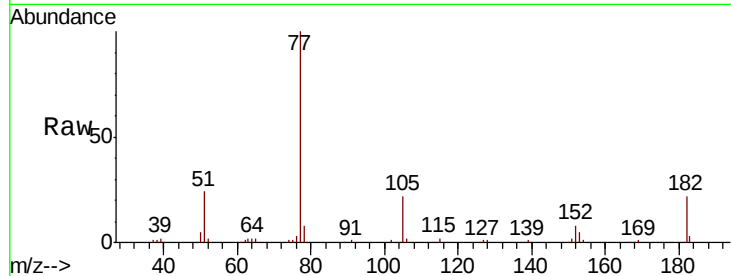
ClientSampleId :

SSTDIC010

Tot Ion	Ratio	Lower	Upper
77	100		
182	21.7	2.3	42.3
105	22.1	1.3	41.3
51	23.9	3.5	43.5

Manual Integrations
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#64

Phenanthrene-d10

Concen: 20.000 ng

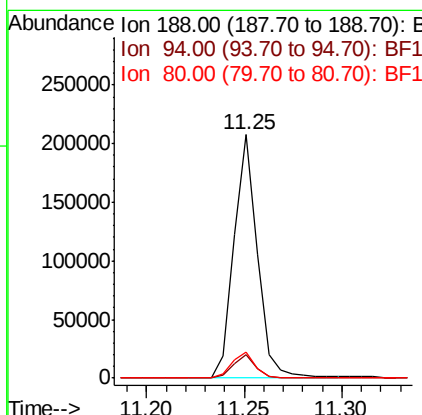
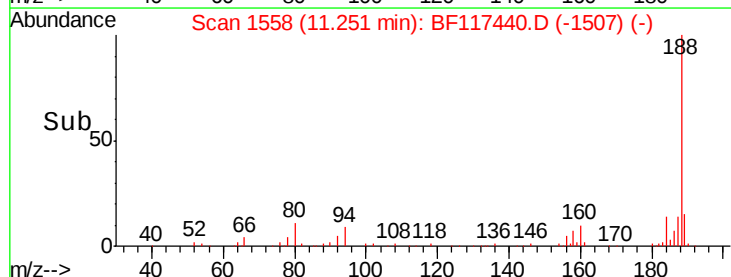
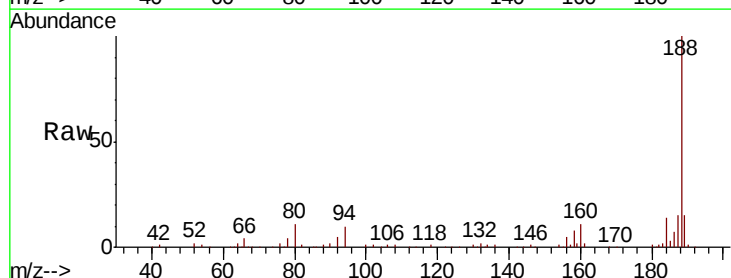
RT: 11.25 min Scan# 1558

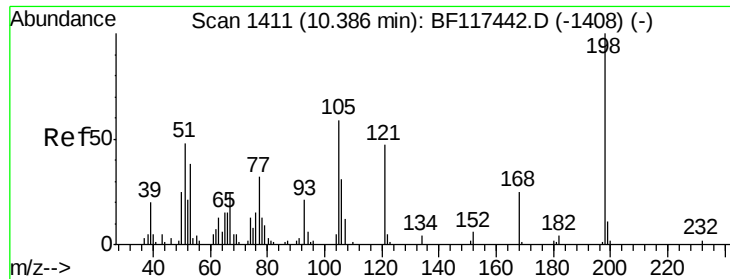
Delta R.T. -0.00 min

Lab File: BF117440.D

Acq: 18 Oct 2019 15:13

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.0	12.0
80	10.5	9.5	14.3





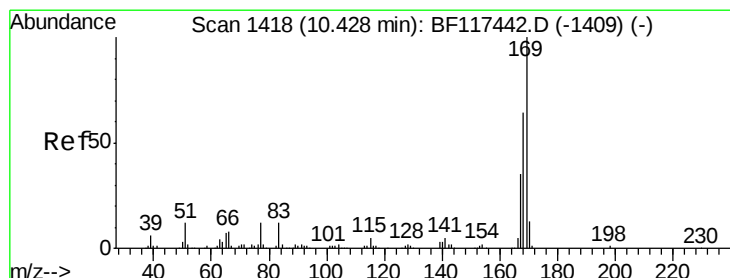
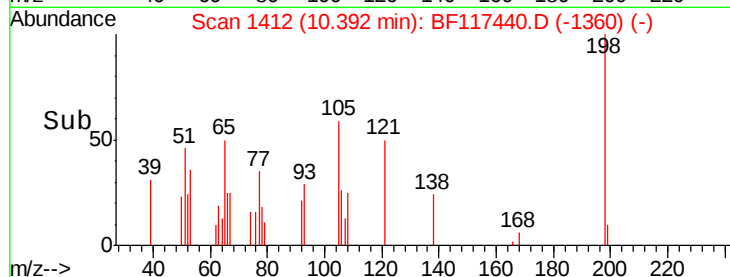
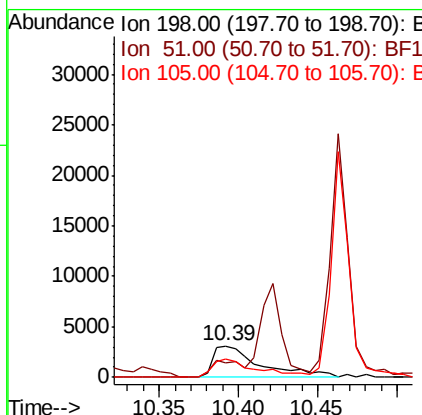
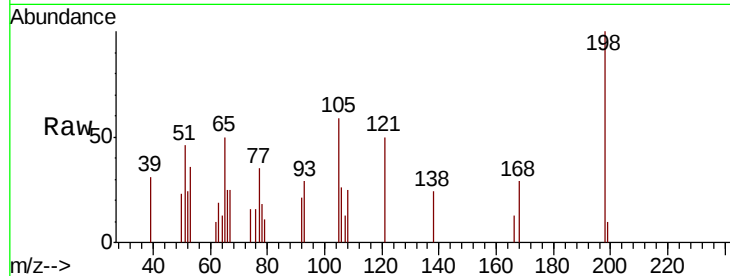
#65
4,6-Dinitro-2-methylphenol
Concen: 7.428 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.01 min
Lab File: BF117440.D
Acq: 18 Oct 2019 15:13

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Lower	Upper
198	100		
51	46.0	29.1	69.1
105	59.4	39.4	79.4

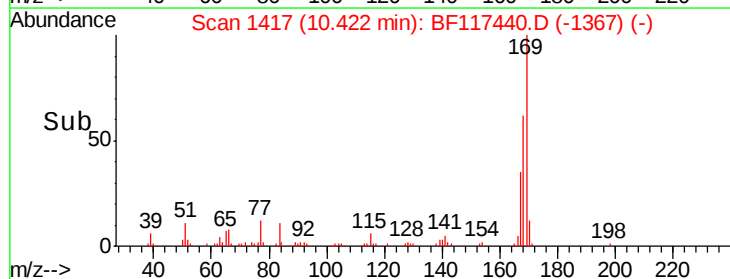
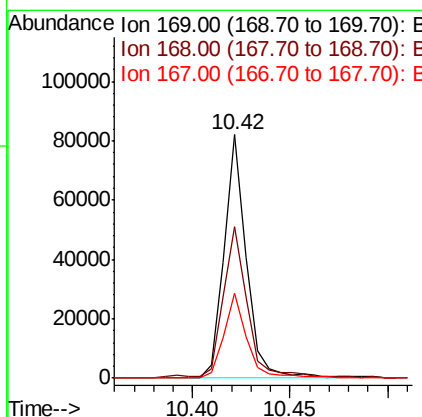
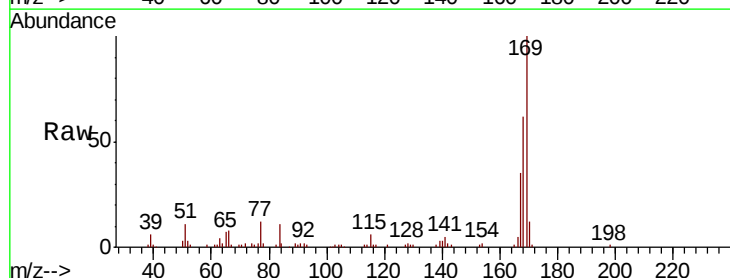
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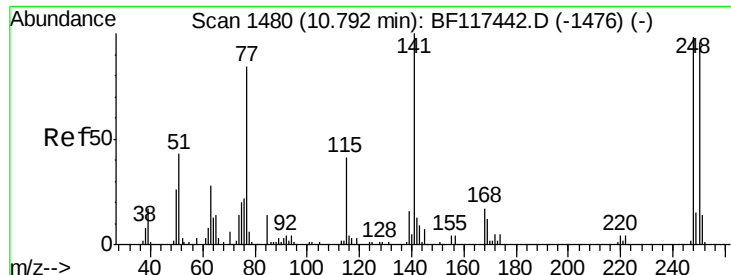
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#66
n-Nitrosodiphenylamine
Concen: 10.069 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF117440.D
Acq: 18 Oct 2019 15:13

Tgt Ion	Ratio	Lower	Upper
169	100		
168	62.4	51.3	76.9
167	35.0	28.2	42.4





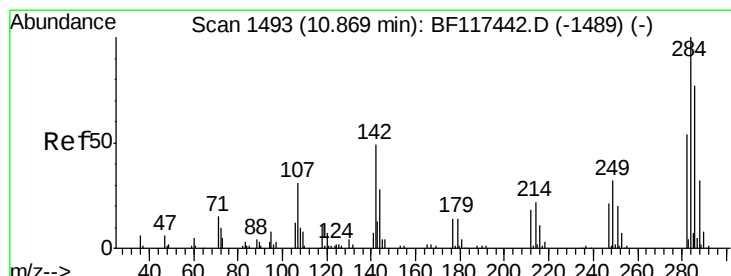
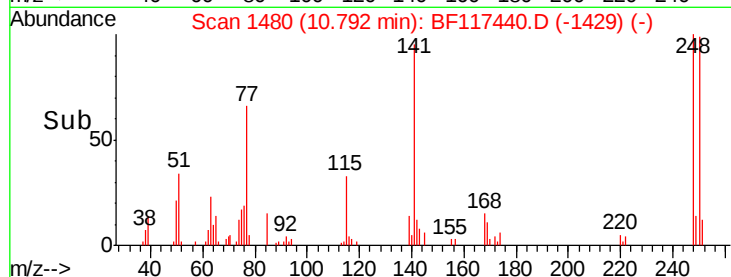
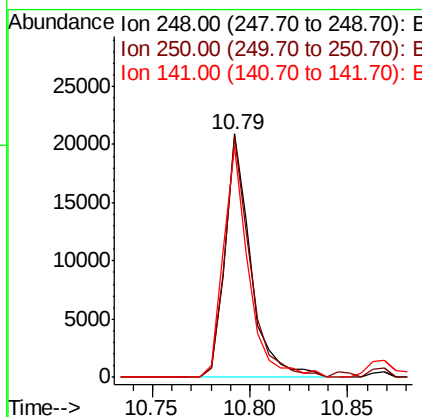
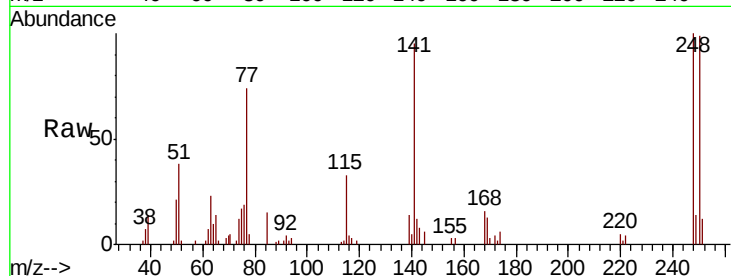
#67
 4-Bromophenyl-phenylether
 Concen: 9.972 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. -0.00 min
 Lab File: BF117440.D
 Acq: 18 Oct 2019 15:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.9	78.0	117.0
141	94.9	81.7	122.5

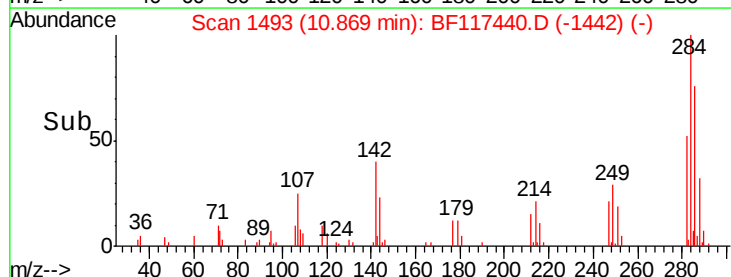
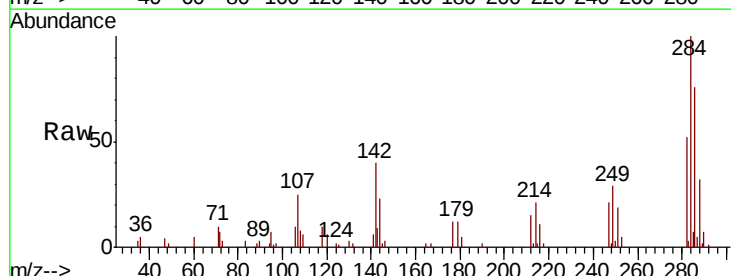
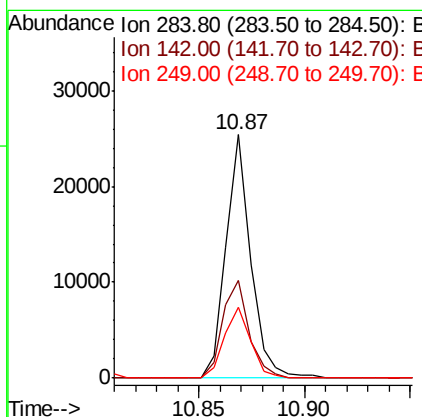
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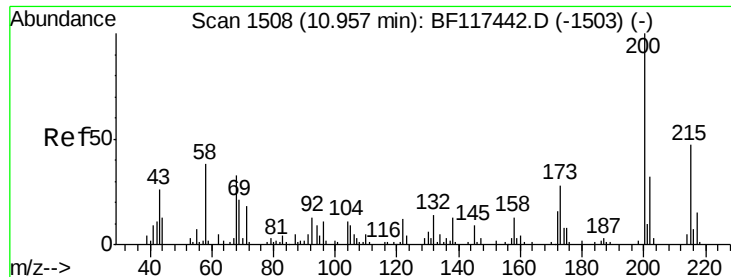
mohammad
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#68
 Hexachlorobenzene
 Concen: 10.098 ng
 RT: 10.87 min Scan# 1493
 Delta R.T. -0.00 min
 Lab File: BF117440.D
 Acq: 18 Oct 2019 15:13

Tgt Ion	Ratio	Lower	Upper
284	100		
142	40.0	39.0	58.6
249	29.1	25.7	38.5





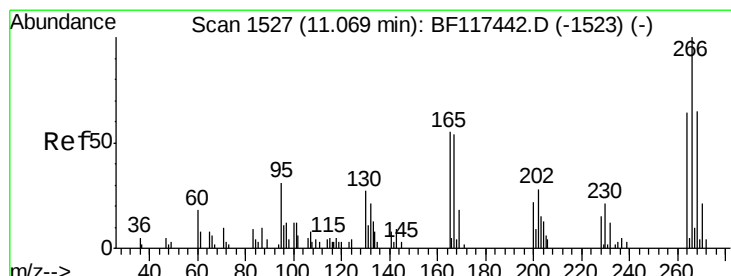
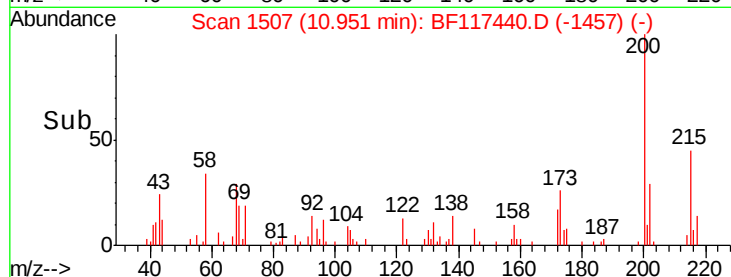
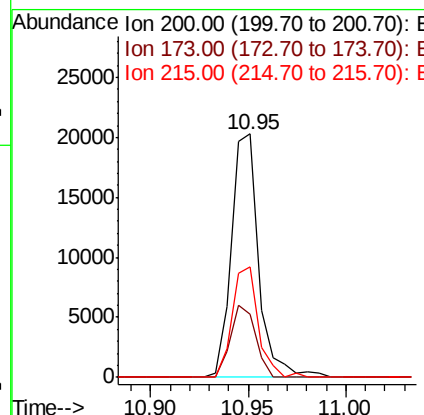
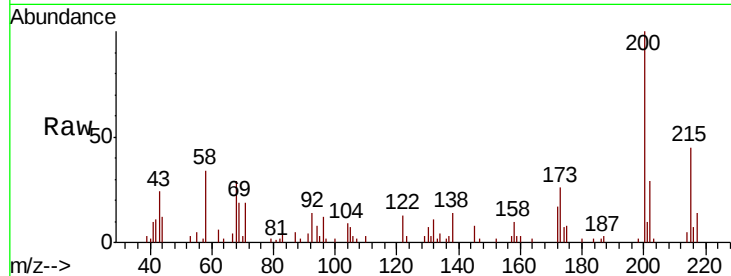
#69
Atrazine
Concen: 18.711 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF117440.D
Acq: 18 Oct 2019 15:13

Instrument :
BNA_F
ClientSampled :
SSTDIC010

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.0	8.2	48.2
215	45.2	26.8	66.8

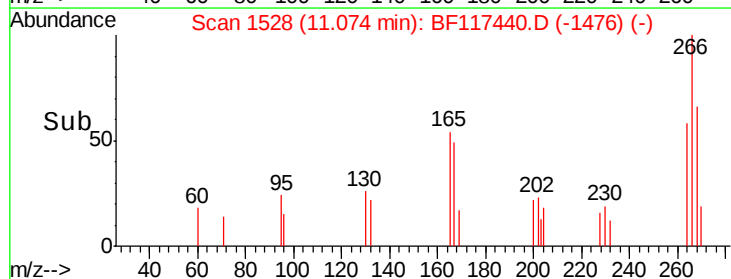
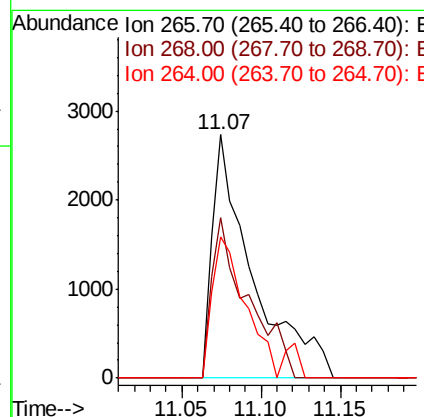
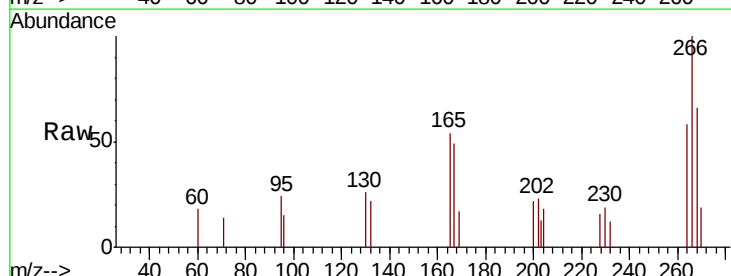
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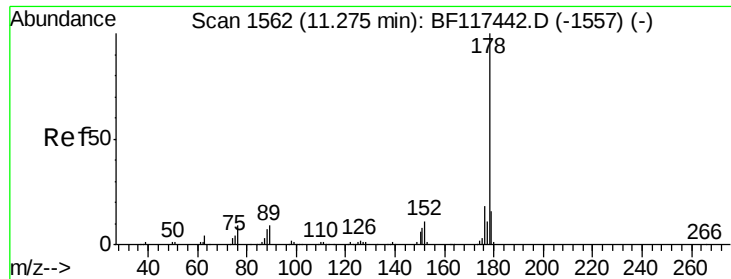
mohammad
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#70
Pentachlorophenol
Concen: 7.939 ng
RT: 11.07 min Scan# 1528
Delta R.T. 0.01 min
Lab File: BF117440.D
Acq: 18 Oct 2019 15:13

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.9	51.6	77.4
264	57.9	51.4	77.2





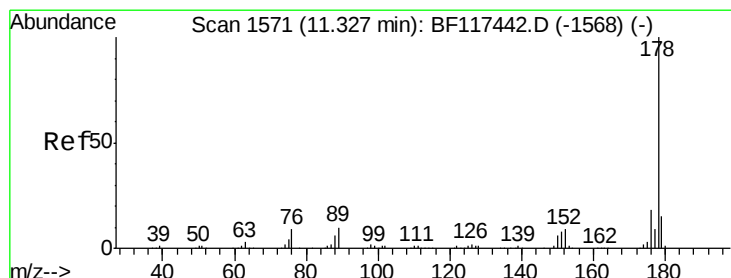
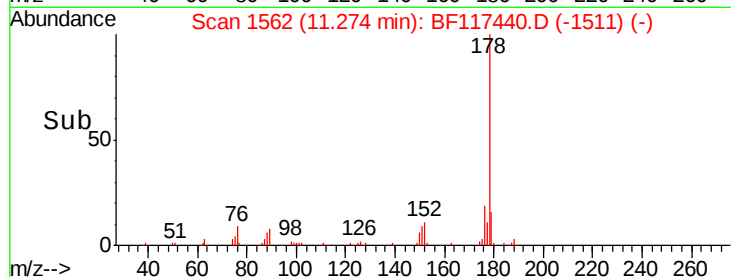
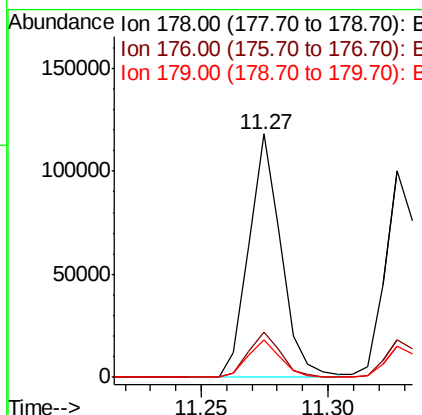
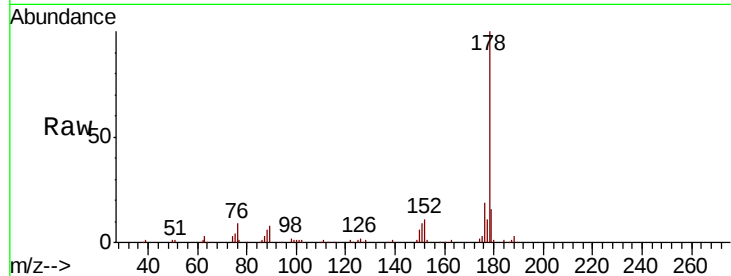
#71
Phenanthrene
Concen: 10.279 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.00 min
Lab File: BF117440.D
Acq: 18 Oct 2019 15:13

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.6	22.0
179	15.6	12.6	19.0

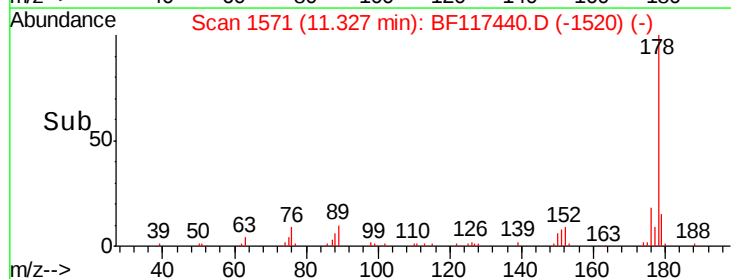
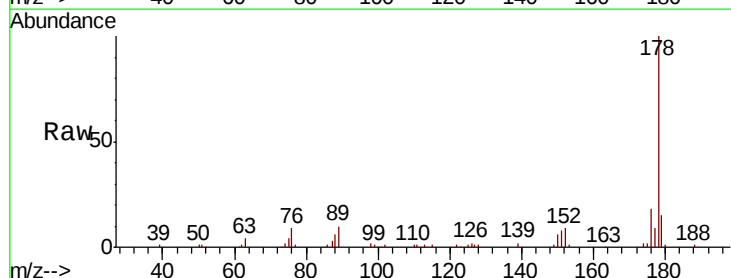
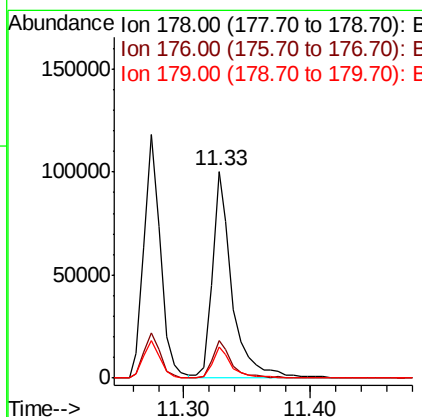
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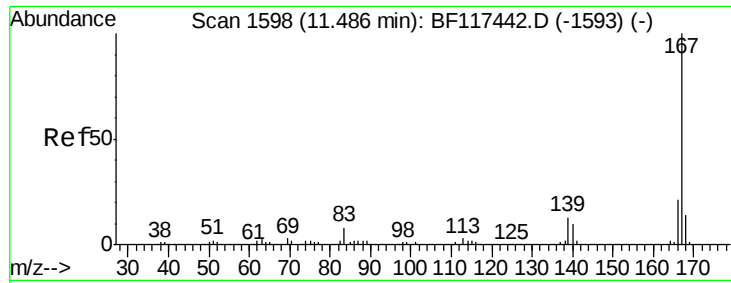
mohammad
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#72
Anthracene
Concen: 10.253 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BF117440.D
Acq: 18 Oct 2019 15:13

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.7	22.1
179	15.0	12.2	18.2





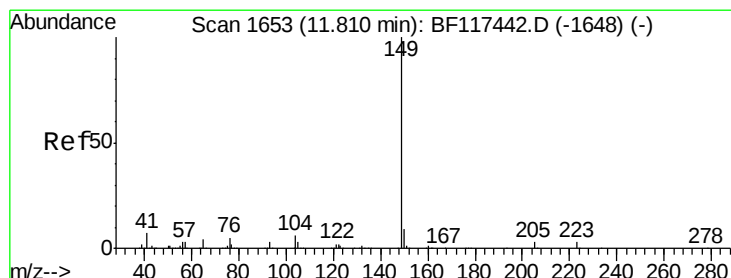
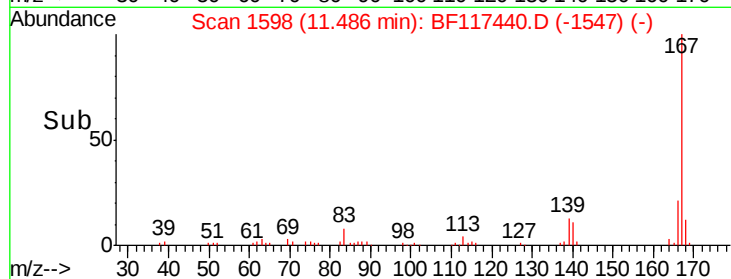
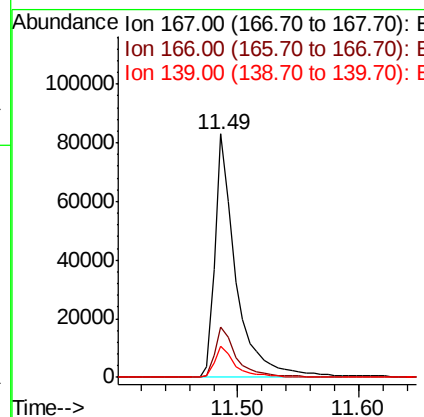
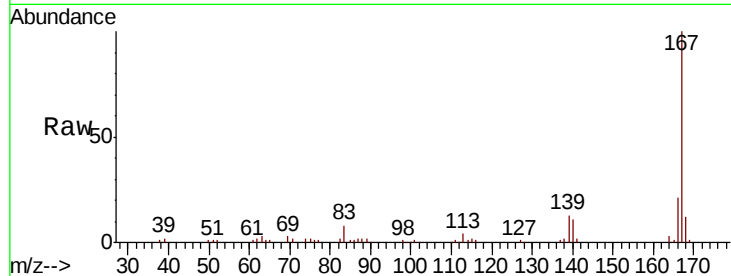
#73
 Carbazole
 Concen: 10.373 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.00 min
 Lab File: BF117440.D
 Acq: 18 Oct 2019 15:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Tot Ion	Ratio	Lower	Upper
167	100		
166	20.6	17.0	25.6
139	13.0	10.6	16.0

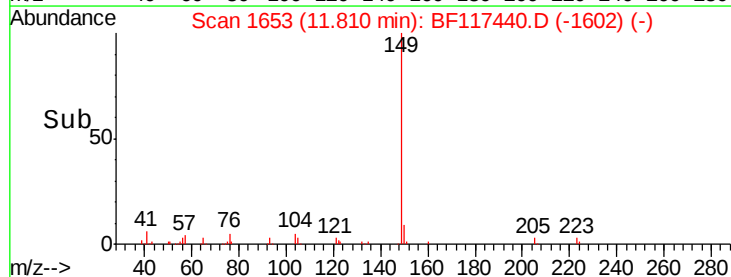
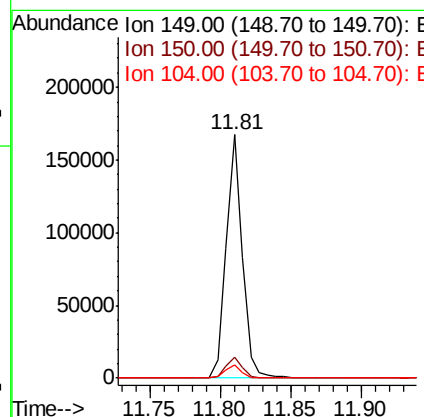
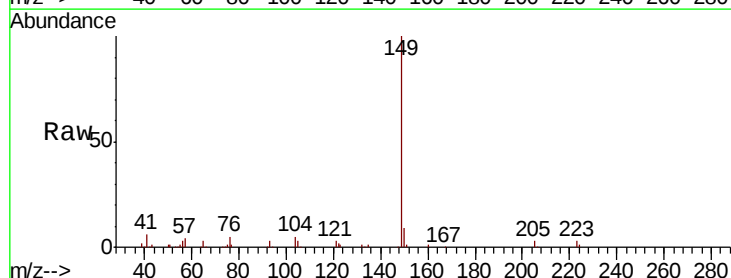
Manual Integrations
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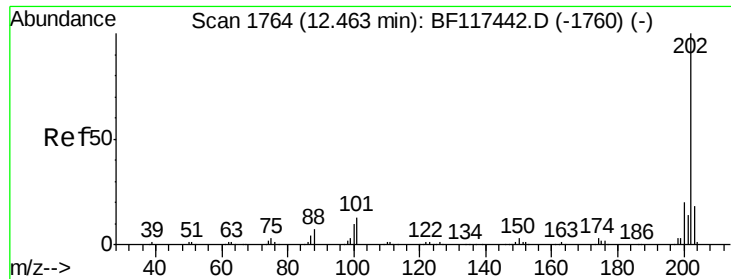
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#74
 Di-n-butylphthalate
 Concen: 10.206 ng
 RT: 11.81 min Scan# 1653
 Delta R.T. -0.00 min
 Lab File: BF117440.D
 Acq: 18 Oct 2019 15:13

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.8	7.5	11.3
104	5.3	4.6	6.8





#75

Fluoranthene

Concen: 10.561 ng

RT: 12.46 min Scan# 1764

Delta R.T. -0.00 min

Lab File: BF117440.D

Acq: 18 Oct 2019 15:13

Instrument :

BNA_F

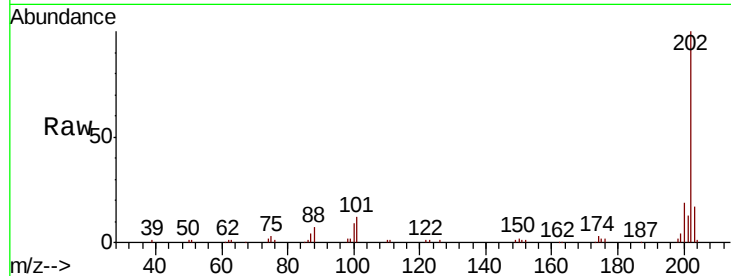
ClientSampleId :

SSTDIC010

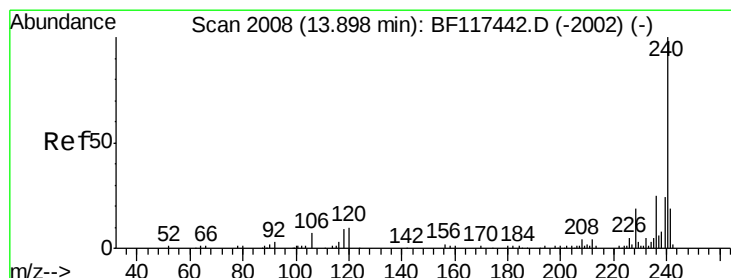
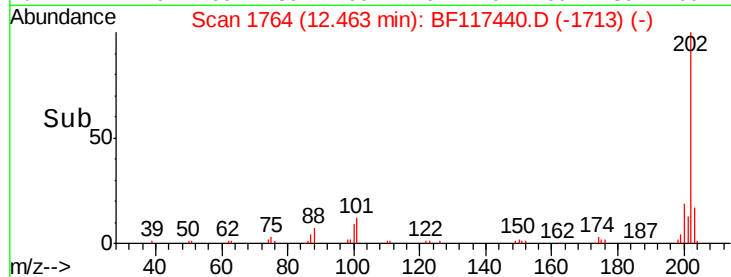
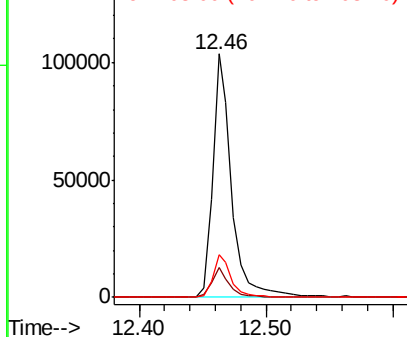
Tot Ion:	202	Resp:	107728
Ion Ratio	Lower	Upper	
202	100		
101	12.2	0.0	32.7
203	17.5	0.0	37.6

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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

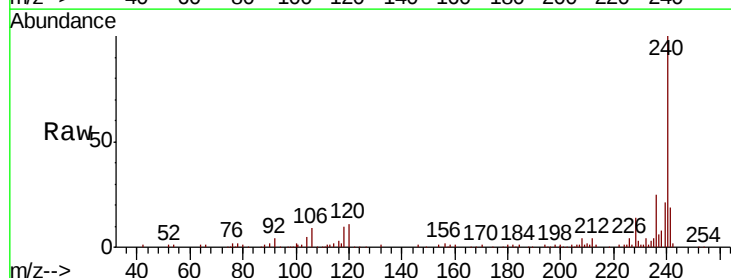
RT: 13.89 min Scan# 2007

Delta R.T. -0.01 min

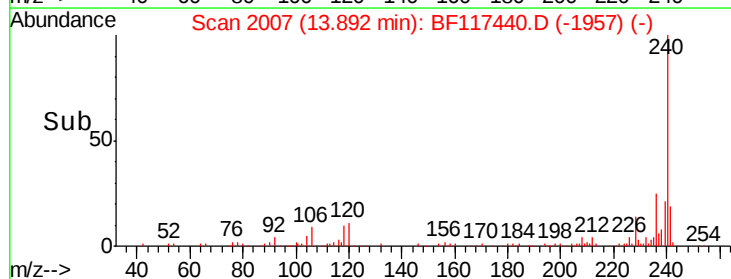
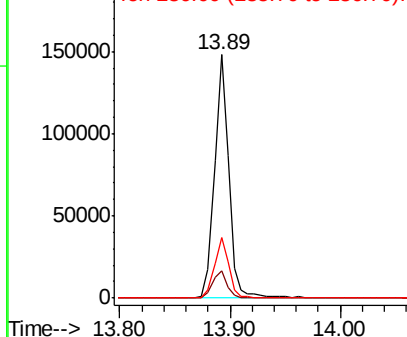
Lab File: BF117440.D

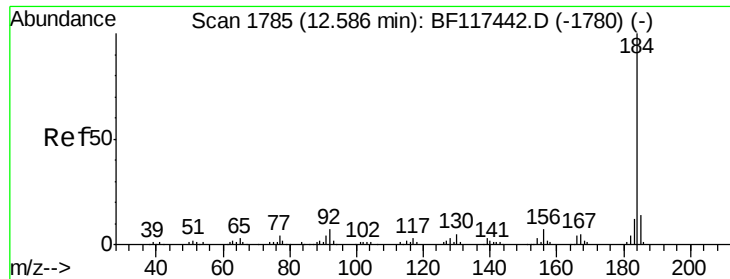
Acq: 18 Oct 2019 15:13

Tgt Ion:	240	Resp:	132059
Ion Ratio	Lower	Upper	
240	100		
120	11.1	8.4	12.6
236	24.9	20.0	30.0



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: 16.029 ng

RT: 12.59 min Scan# 1785

Delta R.T. -0.00 min

Lab File: BF117440.D

Acq: 18 Oct 2019 15:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tot Ion:184 Resp: 52353

Ion Ratio Lower Upper

184 100

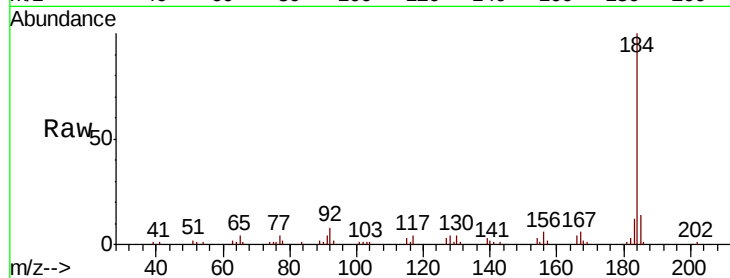
185 13.6 11.4 17.0

183 12.1 9.6 14.4

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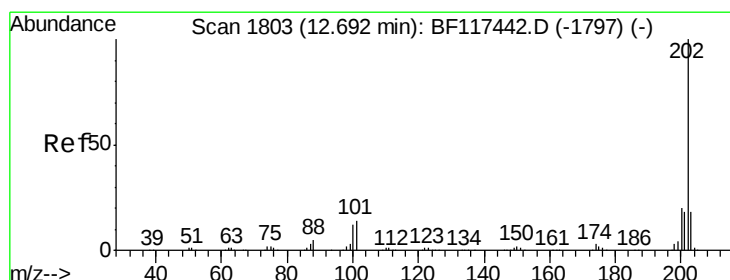
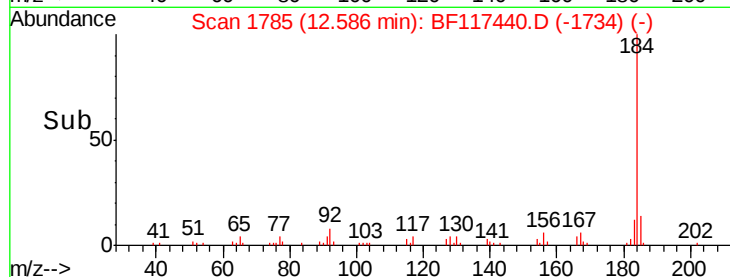
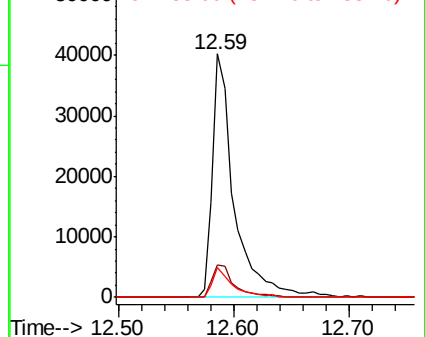
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 9.457 ng

RT: 12.69 min Scan# 1803

Delta R.T. -0.00 min

Lab File: BF117440.D

Acq: 18 Oct 2019 15:13

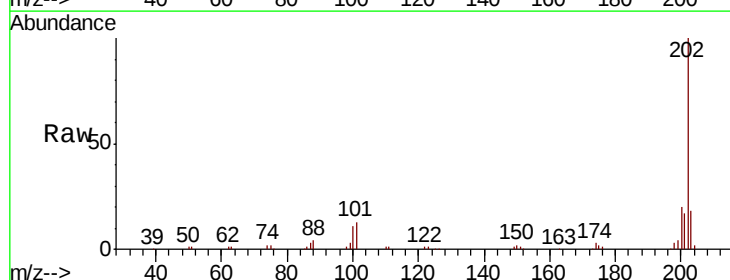
Tgt Ion:202 Resp: 110392

Ion Ratio Lower Upper

202 100

200 19.8 16.2 24.2

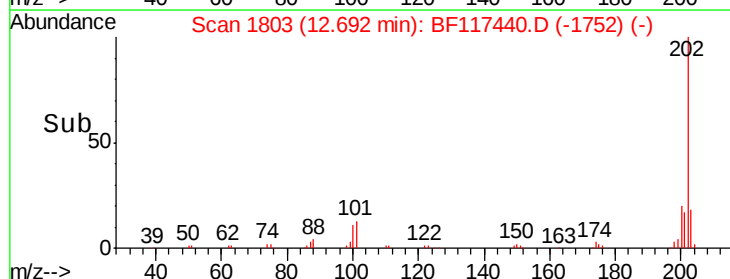
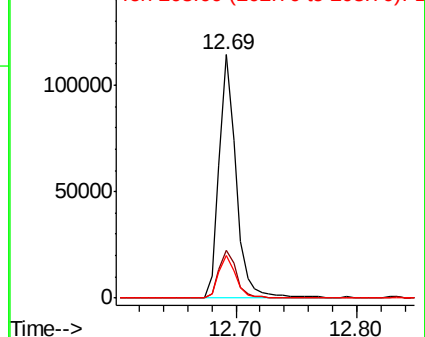
203 17.8 14.0 21.0

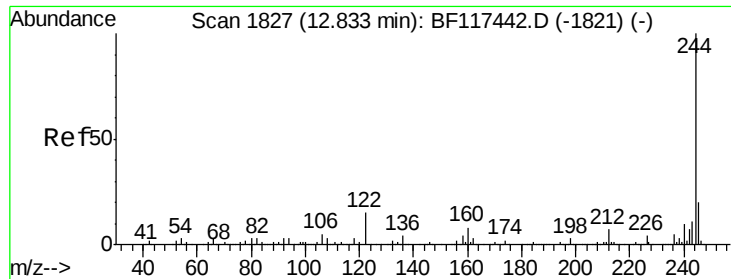


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





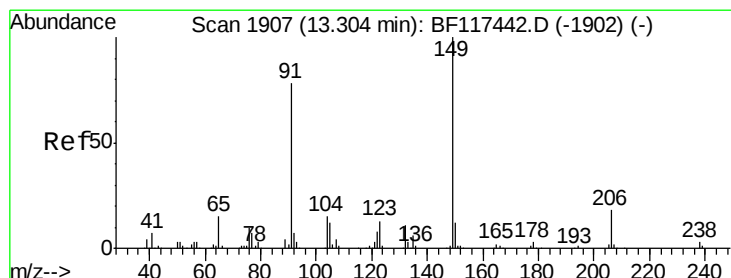
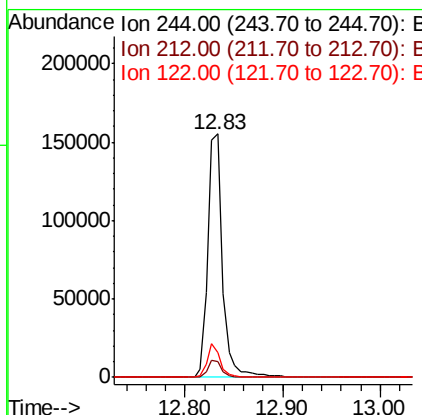
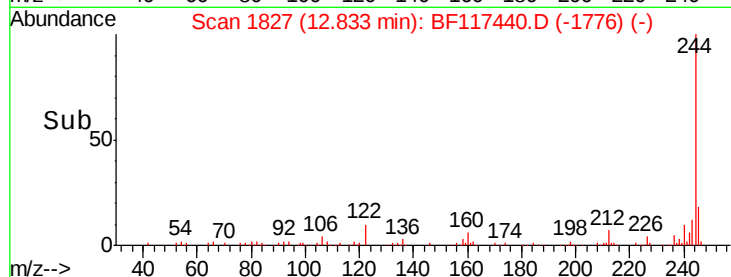
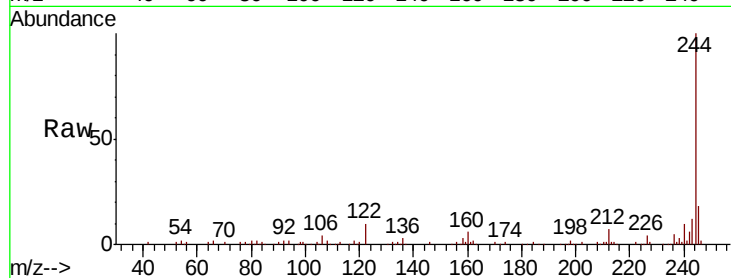
#79
 Terphenyl-d14
 Concen: 20.156 ng
 RT: 12.83 min Scan# 1827
 Delta R.T. -0.00 min
 Lab File: BF117440.D
 Acq: 18 Oct 2019 15:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.8	8.6
122	10.4	11.8	17.8

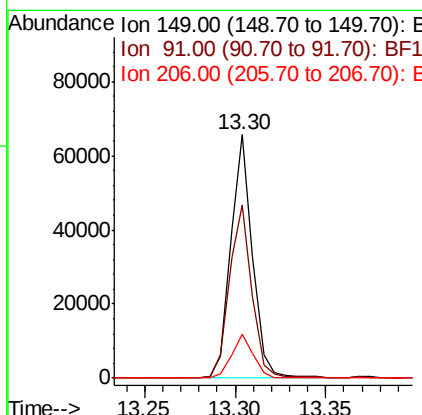
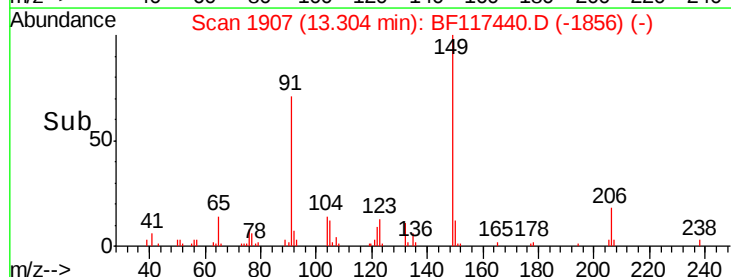
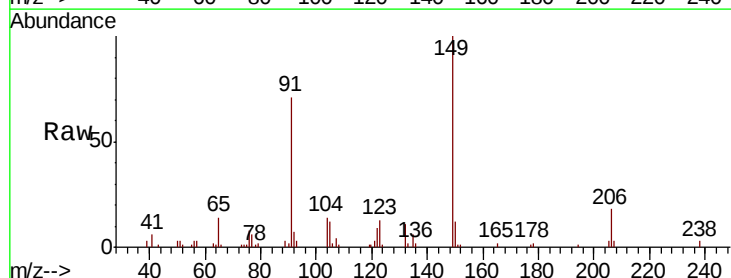
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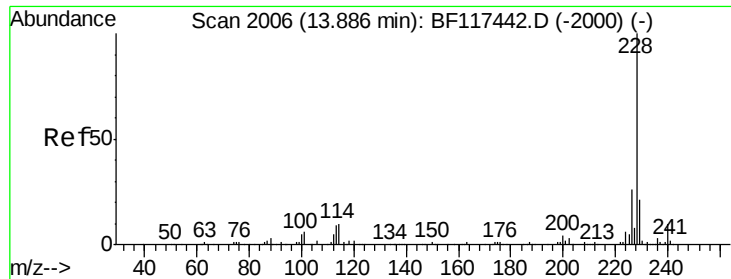
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#80
 Butylbenzylphthalate
 Concen: 9.288 ng
 RT: 13.30 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: BF117440.D
 Acq: 18 Oct 2019 15:13

Tgt Ion	Ratio	Lower	Upper
149	100		
91	71.4	62.1	93.1
206	18.0	14.3	21.5





#81

Benzo(a)anthracene

Concen: 10.111 ng

RT: 13.88 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BF117440.D

Acq: 18 Oct 2019 15:13

Instrument :

BNA_F

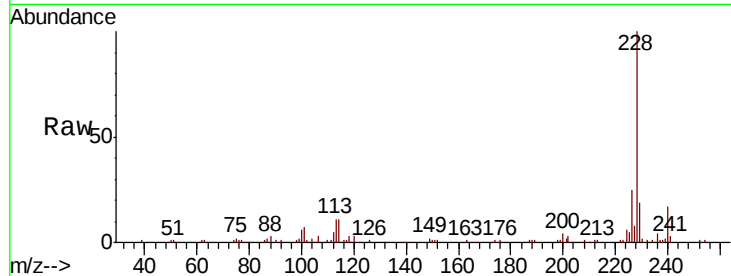
ClientSampled :

SSTDICC010

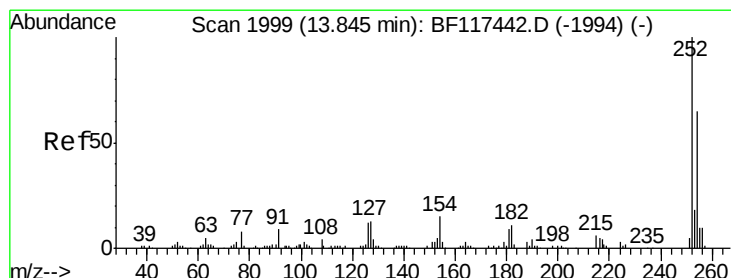
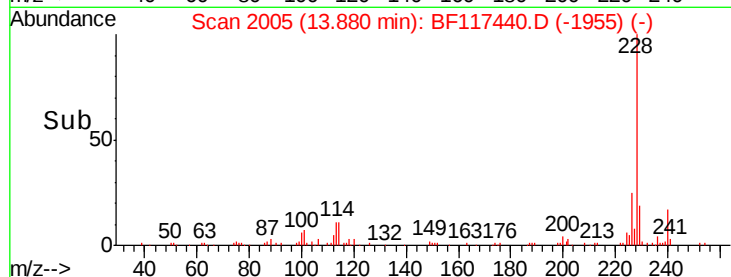
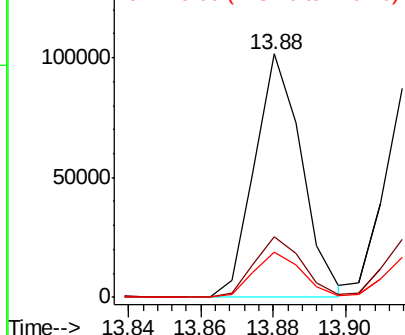
Tot Ion:	228	Resp:	91614
Ion Ratio	Lower	Upper	
228	100		
226	24.8	21.0	31.4
229	18.6	16.4	24.6

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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: 11.408 ng

RT: 13.84 min Scan# 1998

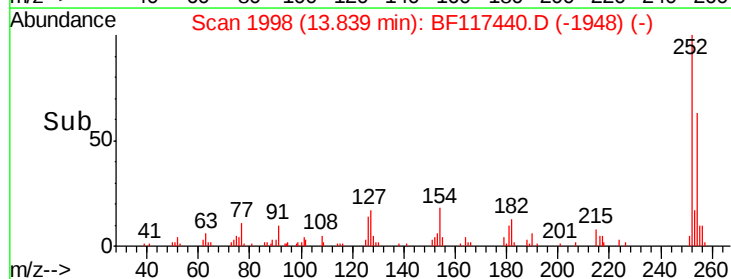
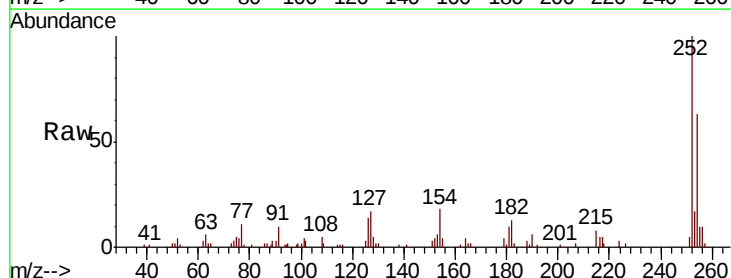
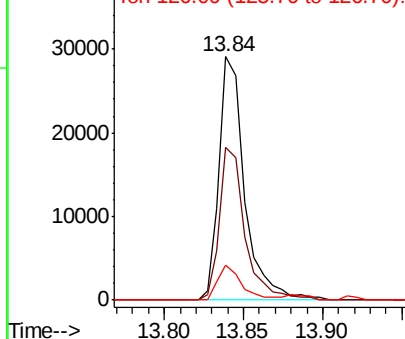
Delta R.T. -0.01 min

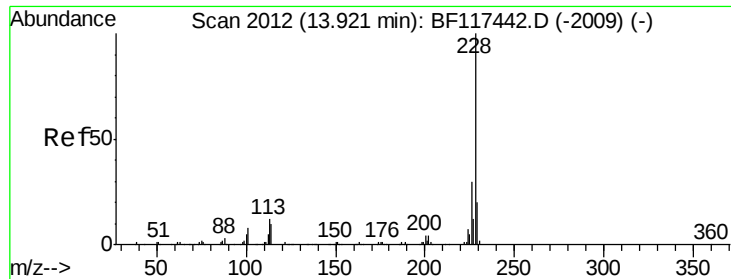
Lab File: BF117440.D

Acq: 18 Oct 2019 15:13

Tgt Ion:	252	Resp:	32682
Ion Ratio	Lower	Upper	
252	100		
254	63.0	52.2	78.4
126	14.5	9.2	13.8#

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





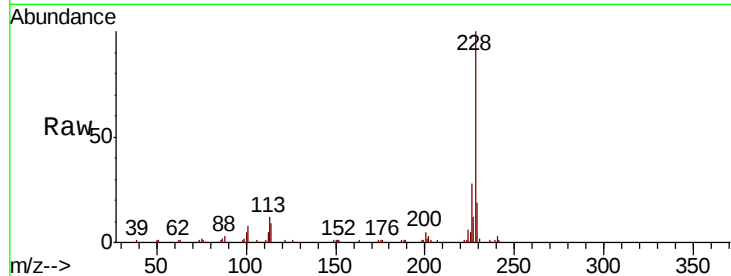
#83
Chrysene
Concen: 10.420 ng
RT: 13.92 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BF117440.D
Acq: 18 Oct 2019 15:13

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

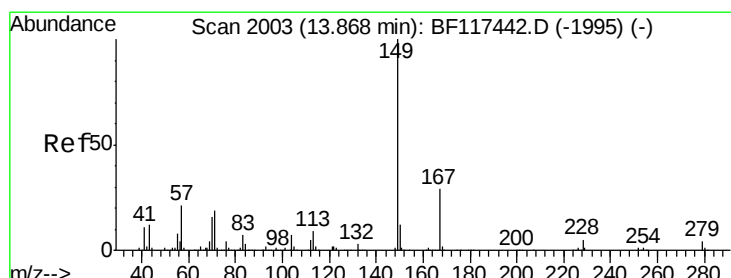
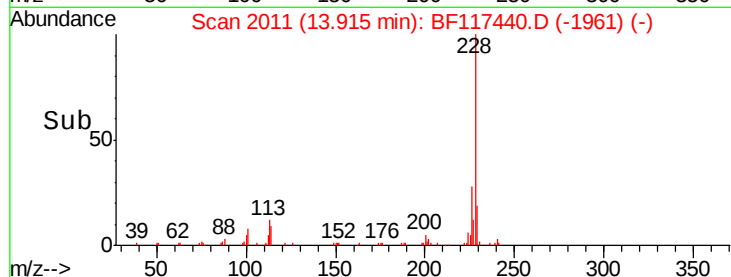
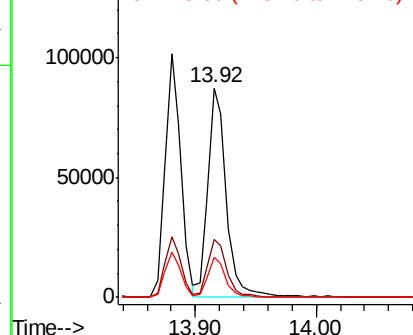
Tot Ion	Ratio	Lower	Upper
228	100		
226	28.0	23.9	35.9
229	19.2	15.8	23.6

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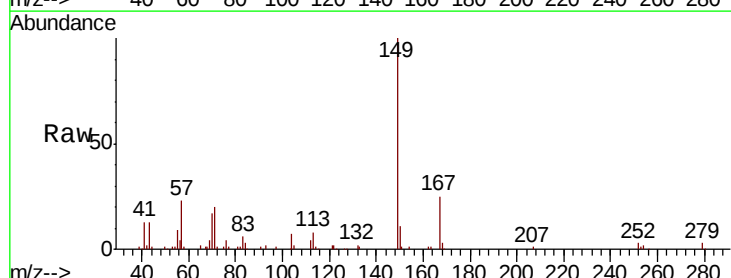


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

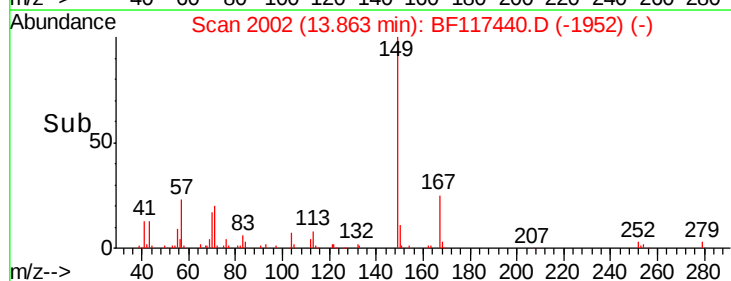
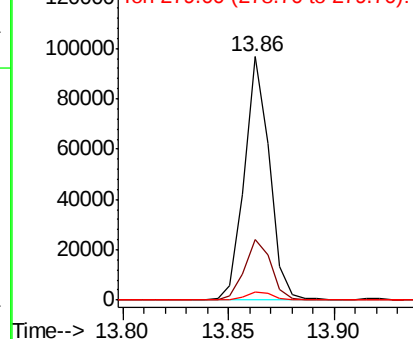


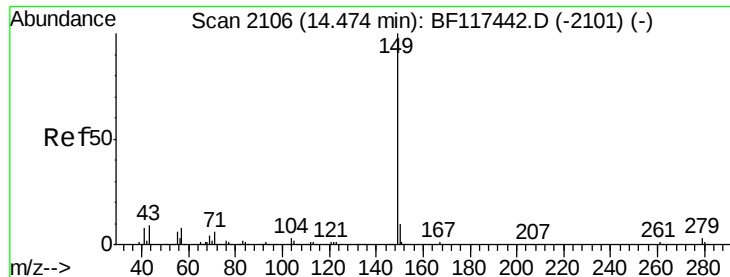
#84
Bis(2-ethylhexyl)phthalate
Concen: 9.580 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF117440.D
Acq: 18 Oct 2019 15:13

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.1	23.3	34.9
279	3.3	3.2	4.8



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





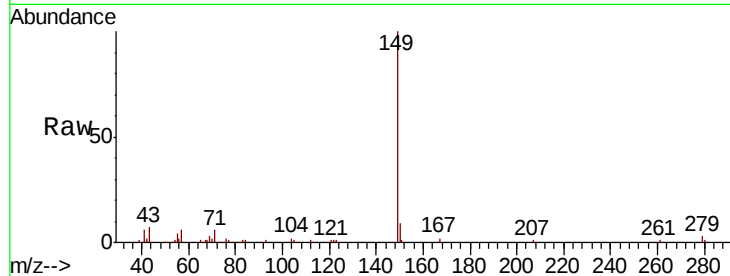
#85
Di-n-octyl phthalate
Concen: 10.018 ng
RT: 14.47 min Scan# 2106
Delta R.T. -0.00 min
Lab File: BF117440.D
Acq: 18 Oct 2019 15:13

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
149	100	126223		
167	1.5		1.2	1.8
43	7.6		6.8	10.2

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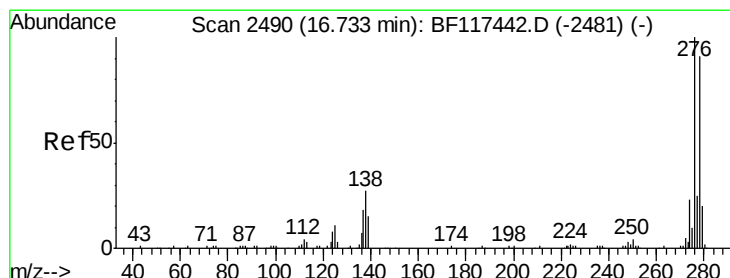
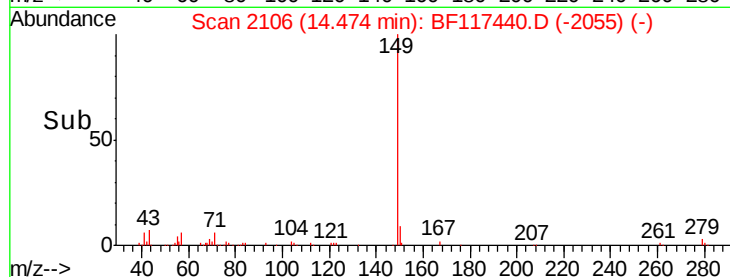
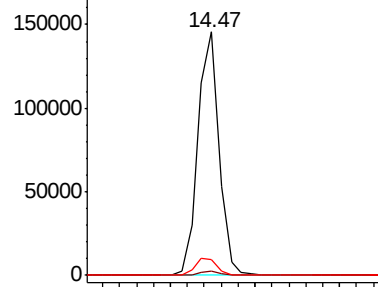


Abundance

Ion 149.00 (148.70 to 149.70): E

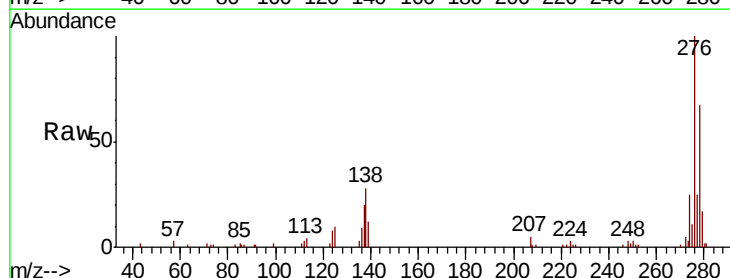
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86
Indeno(1,2,3-cd)pyrene
Concen: 10.869 ng
RT: 16.72 min Scan# 2488
Delta R.T. -0.01 min
Lab File: BF117440.D
Acq: 18 Oct 2019 15:13

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	67908		
138	27.3		21.8	32.8
277	24.5		20.0	30.0

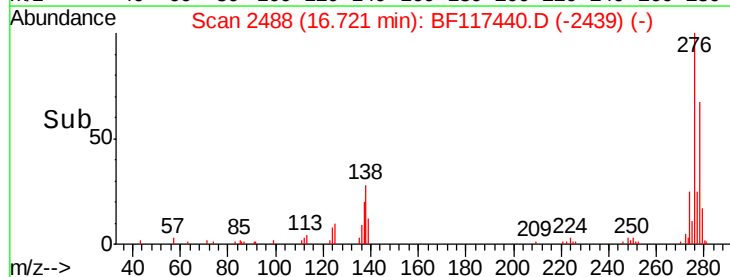
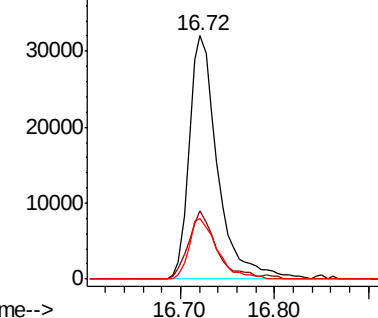


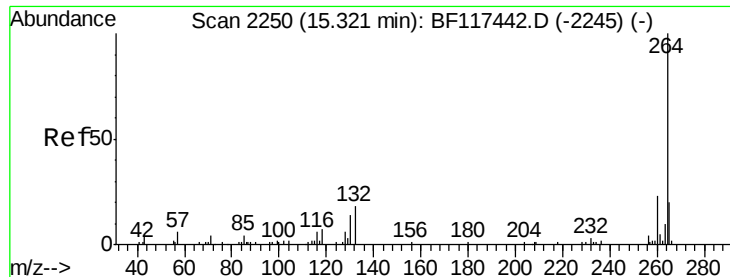
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





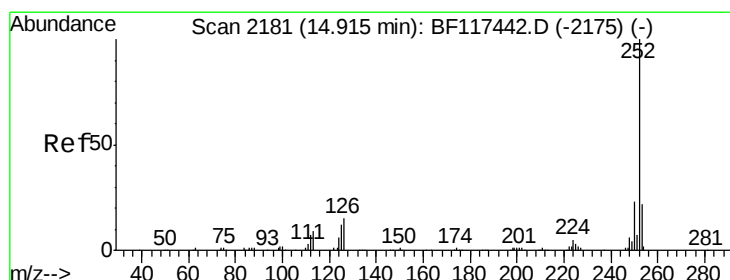
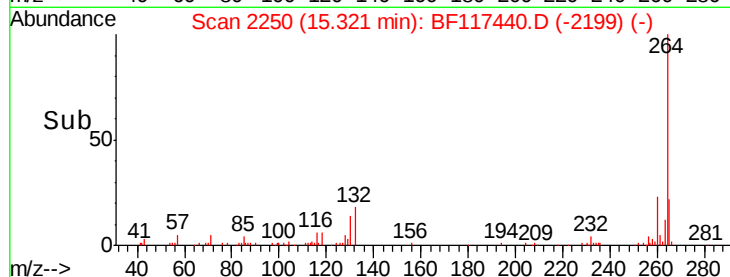
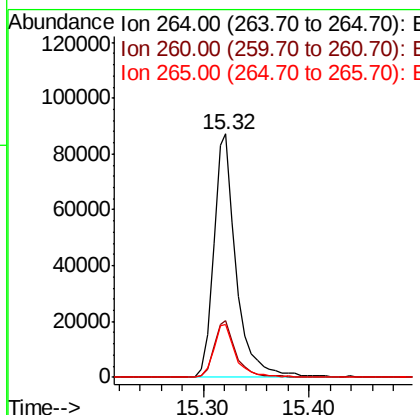
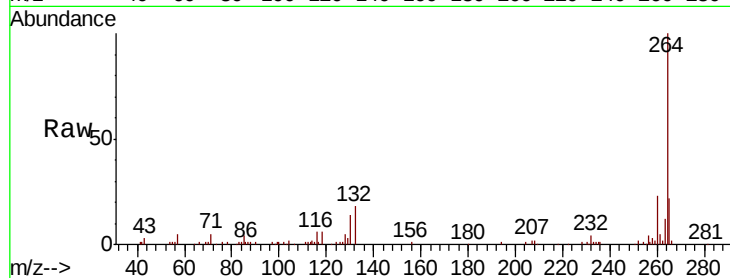
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2250
Delta R.T. -0.00 min
Lab File: BF117440.D
Acq: 18 Oct 2019 15:13

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.4	27.6
265	21.6	16.1	24.1

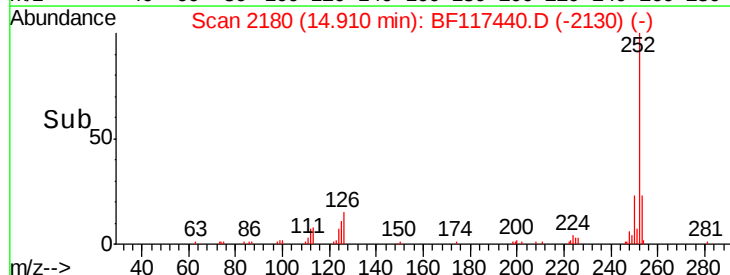
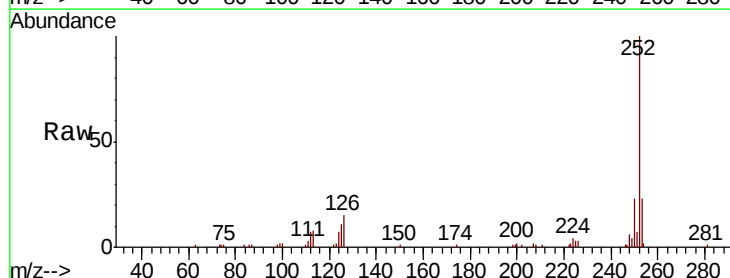
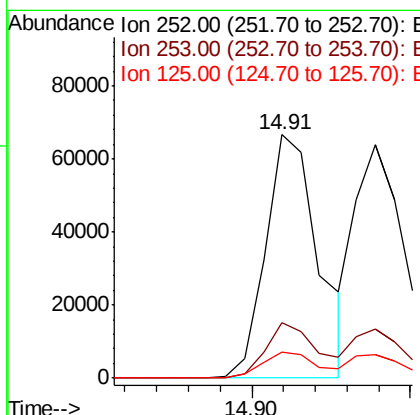
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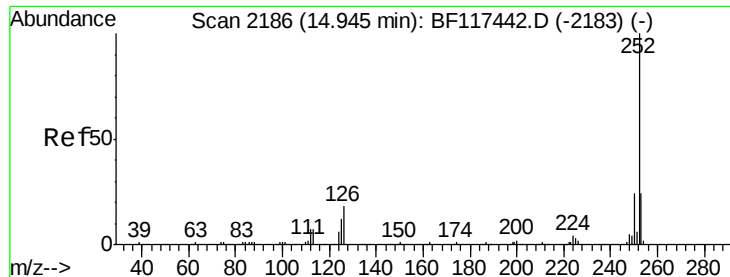
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#88
Benzo(b)fluoranthene
Concen: 9.527 ng
RT: 14.91 min Scan# 2180
Delta R.T. -0.01 min
Lab File: BF117440.D
Acq: 18 Oct 2019 15:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.6
125	10.6	9.9	14.9





#89

Benzo(k)fluoranthene

Concen: 9.951 ng

RT: 14.94 min Scan# 2185

Delta R.T. -0.01 min

Lab File: BF117440.D

Acq: 18 Oct 2019 15:13

Instrument :

BNA_F

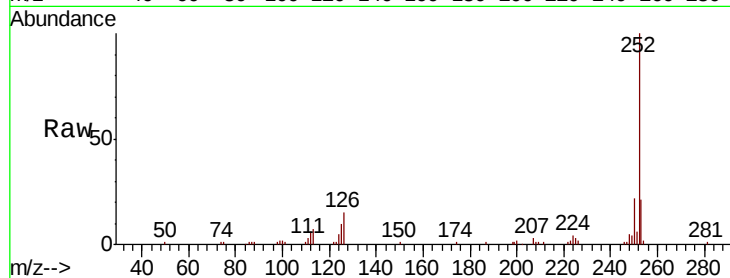
ClientSampleId :

SSTDIC010

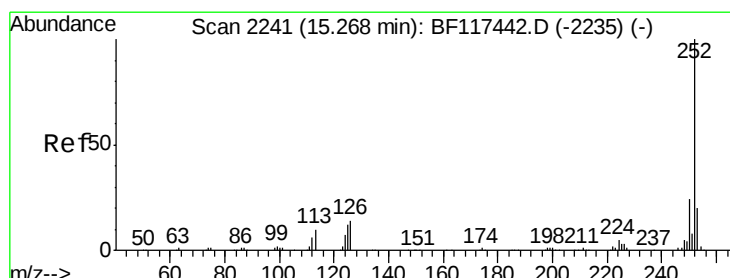
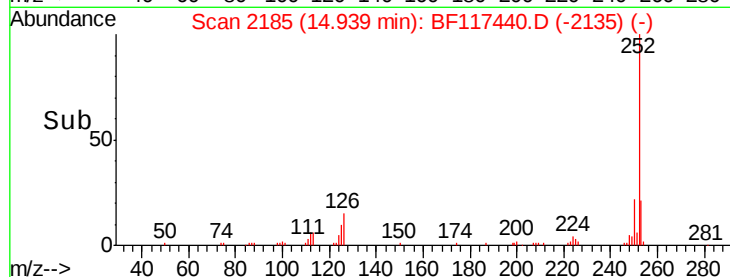
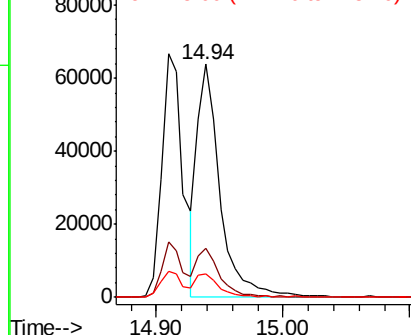
Tot Ion:	252	Resp:	79915
Ion Ratio	Lower	Upper	
252	100		
253	21.3	18.0	27.0
125	9.8	8.9	13.3

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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



#90

Benzo(a)pyrene

Concen: 9.946 ng

RT: 15.26 min Scan# 2240

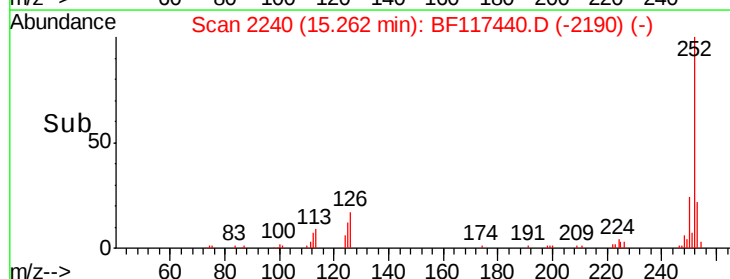
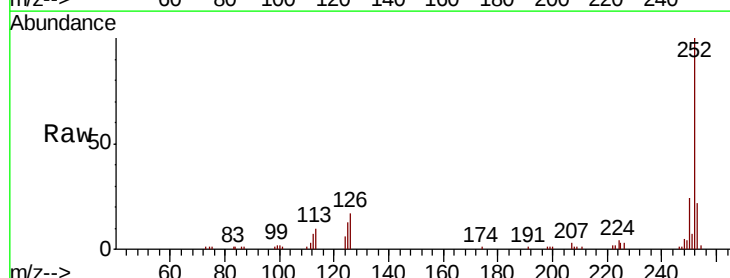
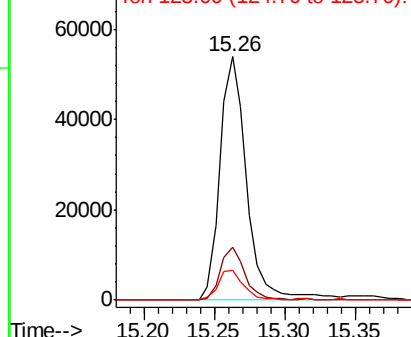
Delta R.T. -0.01 min

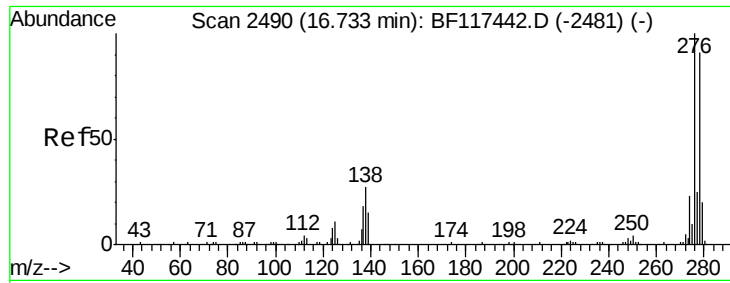
Lab File: BF117440.D

Acq: 18 Oct 2019 15:13

Tgt Ion:	252	Resp:	71172
Ion Ratio	Lower	Upper	
252	100		
253	21.7	16.3	24.5
125	12.5	9.2	13.8

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





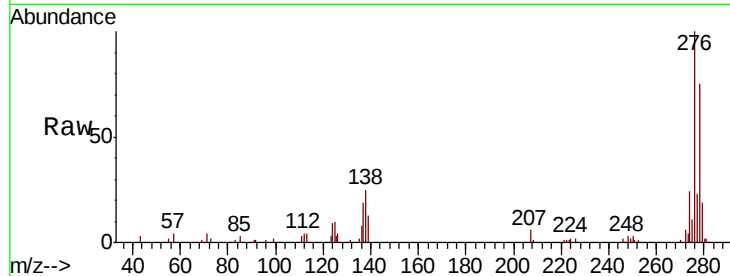
#91
Dibenzo(a,h)anthracene
Concen: 9.237 ng
RT: 16.73 min Scan# 2489
Delta R.T. -0.01 min
Lab File: BF117440.D
Acq: 18 Oct 2019 15:13

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.6	13.4	20.0
279	25.4	17.8	26.6

Manual Integrations
APPROVED

mohammad
10/20/2019 8:04:26 PM

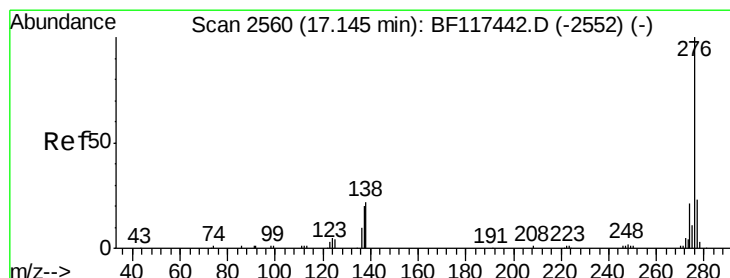
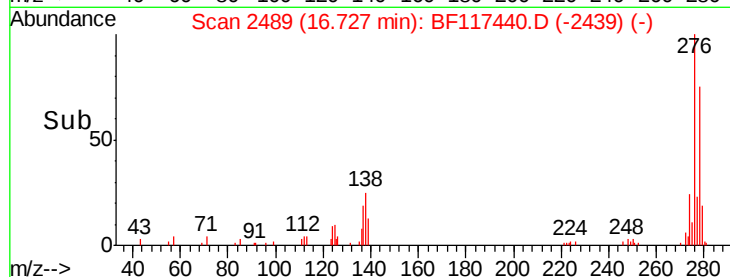
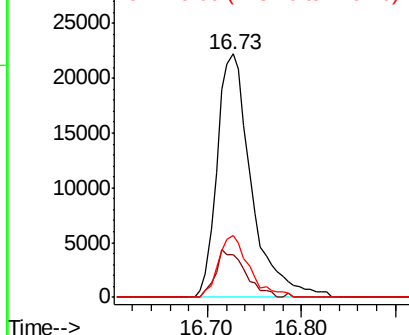


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 8.905 ng
RT: 17.14 min Scan# 2560
Delta R.T. -0.00 min
Lab File: BF117440.D
Acq: 18 Oct 2019 15:13

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.1	18.4	27.6
138	24.3	17.8	26.6

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

