

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100119\
 Data File : BF117277.D
 Acq On : 1 Oct 2019 15:21
 Operator : JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
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 10/2/2019 3:56:33 PM

Quant Time: Oct 01 16:45:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	67097	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	295593	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	155338	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	249651	20.00	ng	0.00
76) Chrysene-d12	13.98	240	154089	20.00	ng	0.00
87) Perylene-d12	15.43	264	125291	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.43	112	335244	78.01	ng	0.00
7) Phenol-d6	6.46	99	461400	83.07	ng	0.00
23) Nitrobenzene-d5	7.38	82	460464	81.85	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	104335	80.36	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	855124	86.07	ng	0.00
79) Terphenyl-d14	12.92	244	795262	96.47	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.55	88	62885	34.968	ng	97
3) Pyridine	3.29	79	174777	35.508	ng	96
4) n-Nitrosodimethylamine	3.25	42	59995	35.517	ng	89
6) Aniline	6.48	93	291904	40.820	ng	# 84
8) 2-Chlorophenol	6.60	128	192733	41.570	ng	99
9) Benzaldehyde	6.36	77	120332	44.398	ng	96
10) Phenol	6.47	94	251354	41.051	ng	85
11) bis(2-Chloroethyl)ether	6.55	93	188272	41.837	ng	99
12) 1,3-Dichlorobenzene	6.75	146	211986	40.746	ng	99
13) 1,4-Dichlorobenzene	6.83	146	214069	40.320	ng	99
14) 1,2-Dichlorobenzene	6.99	146	206401	41.755	ng	97
15) Benzyl Alcohol	6.96	79	183673	43.124	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	194754	43.804	ng	78
17) 2-Methylphenol	7.07	107	161681	41.610	ng	# 91
18) Hexachloroethane	7.32	117	84835	41.535	ng	93
19) n-Nitroso-di-n-propylamine	7.23	70	158929	46.992	ng	95
20) 3+4-Methylphenols	7.23	107	212011	43.804	ng	# 78
22) Acetophenone	7.23	105	313313	41.719	ng	# 98
24) Nitrobenzene	7.40	77	223465	40.223	ng	99
25) Isophorone	7.64	82	417728	41.937	ng	99
26) 2-Nitrophenol	7.72	139	103289	43.283	ng	97
27) 2,4-Dimethylphenol	7.76	122	155399	41.064	ng	97
28) bis(2-Chloroethoxy)methane	7.85	93	258055	42.049	ng	99
29) 2,4-Dichlorophenol	7.96	162	164910	41.589	ng	95
30) 1,2,4-Trichlorobenzene	8.04	180	170132	39.714	ng	99
31) Naphthalene	8.12	128	578231	40.674	ng	99
32) Benzoic acid	7.92	122	107537	39.058	ng	98
33) 4-Chloroaniline	8.17	127	259646	41.179	ng	99
34) Hexachlorobutadiene	8.23	225	99552	40.960	ng	99
35) Caprolactam	8.56	113	51161m	38.119	ng	
36) 4-Chloro-3-methylphenol	8.66	107	188440	40.757	ng	97
37) 2-Methylnaphthalene	8.80	142	399882	41.772	ng	99
38) 1-Methylnaphthalene	8.90	142	376482	41.990	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	164760	41.075	ng	99

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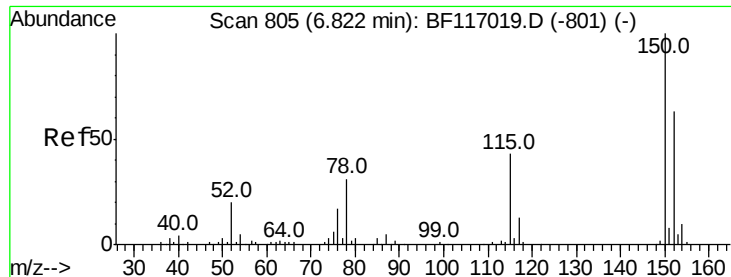
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	69549	43.225	nq	99
43) 2,4,6-Trichlorophenol	9.09	196	109441	40.204	nq	99
44) 2,4,5-Trichlorophenol	9.14	196	112359	38.633	nq	94
46) 1,1'-Biphenyl	9.27	154	498061	40.876	nq	99
47) 2-Chloronaphthalene	9.30	162	389512	40.505	nq	98
48) 2-Nitroaniline	9.40	65	124942	40.507	nq	94
49) Acenaphthylene	9.71	152	568063	39.433	nq	99
50) Dimethylphthalate	9.57	163	451855	41.083	nq	99
51) 2,6-Dinitrotoluene	9.64	165	93504	41.741	nq #	86
52) Acenaphthene	9.89	154	343535	40.229	nq	99
53) 3-Nitroaniline	9.82	138	111461	39.437	nq	96
54) 2,4-Dinitrophenol	9.93	184	34477	40.727	nq	93
55) Dibenzofuran	10.06	168	512045	40.640	nq	98
56) 4-Nitrophenol	9.99	139	64512	35.219	nq	97
57) 2,4-Dinitrotoluene	10.05	165	123654	42.526	nq #	85
58) Fluorene	10.40	166	419292	41.312	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.18	232	89023	39.999	nq	98
60) Diethylphthalate	10.27	149	457496	42.279	nq	98
61) 4-Chlorophenyl-phenylether	10.39	204	191950	43.712	nq	99
62) 4-Nitroaniline	10.43	138	113538	38.628	nq	98
63) Azobenzene	10.55	77	457912	41.434	nq	98
65) 4,6-Dinitro-2-methylphenol	10.47	198	50216	44.699	nq	99
66) n-Nitrosodiphenylamine	10.51	169	362682	42.065	nq	99
67) 4-Bromophenyl-phenylether	10.87	248	109692	43.024	nq	97
68) Hexachlorobenzene	10.95	284	115528	41.429	nq	93
69) Atrazine	11.03	200	95260	44.191	nq	99
70) Pentachlorophenol	11.15	266	54819	41.938	nq	96
71) Phenanthrene	11.36	178	571820	40.326	nq	99
72) Anthracene	11.42	178	590406	40.783	nq	99
73) Carbazole	11.57	167	539388	39.253	nq	100
74) Di-n-butylphthalate	11.89	149	725689	44.387	nq	99
75) Fluoranthene	12.55	202	562538	38.609	nq	98
77) Benzidine	12.67	184	220150	44.353	nq	100
78) Pyrene	12.78	202	564661	43.673	nq	99
80) Butylbenzylphthalate	13.39	149	278476	45.583	nq	98
81) Benzo(a)anthracene	13.97	228	413650	40.180	nq	98
82) 3,3'-Dichlorobenzidine	13.93	252	131963	39.778	nq	98
83) Chrysene	14.00	228	405432	40.378	nq	97
84) Bis(2-ethylhexyl)phthalate	13.94	149	366876	46.575	nq	100
85) Di-n-octyl phthalate	14.55	149	531686	42.885	nq	100
86) Indeno(1,2,3-cd)pyrene	16.89	276	292644	39.949	nq	99
88) Benzo(b)fluoranthene	15.01	252	296160	39.023	nq	100
89) Benzo(k)fluoranthene	15.04	252	305580	42.506	nq	99
90) Benzo(a)pyrene	15.37	252	270268	40.582	nq	98
91) Dibenzo(a,h)anthracene	16.89	278	244040	45.999	nq	99
92) Benzo(g,h,i)perylene	17.32	276	234640	44.382	nq	98

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



#1

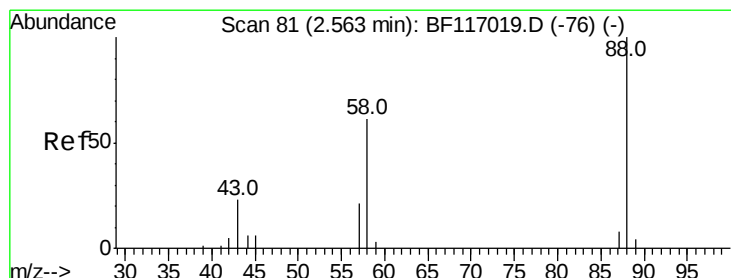
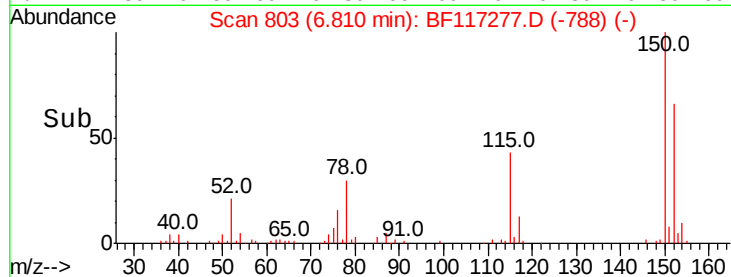
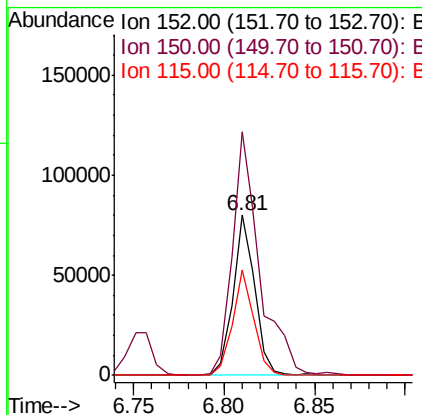
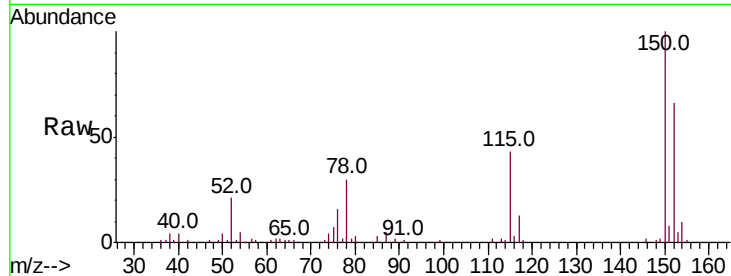
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF117277.D
Acq: 1 Oct 2019 15:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.1	127.5	191.3
115	65.8	55.0	82.4

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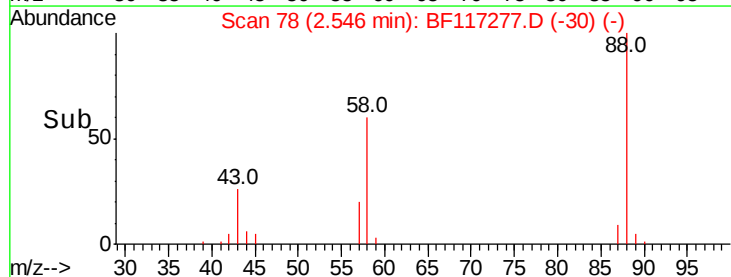
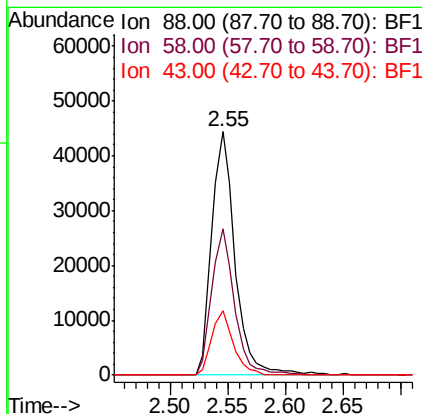
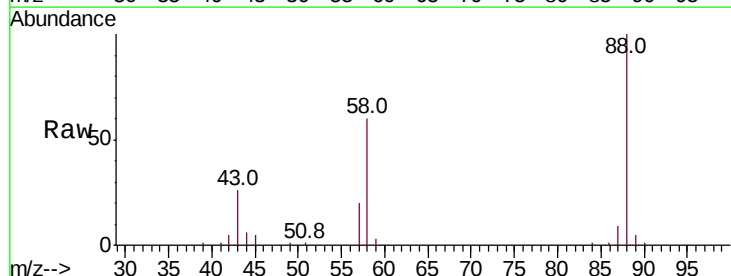
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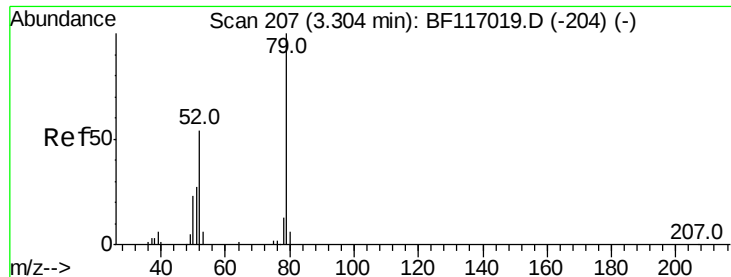


#2

1,4-Dioxane
Concen: 34.968 ng
RT: 2.55 min Scan# 78
Delta R.T. -0.02 min
Lab File: BF117277.D
Acq: 1 Oct 2019 15:21

Tgt Ion	Ratio	Lower	Upper
88	100		
58	58.4	49.3	73.9
43	24.2	18.8	28.2





#3

Pvridine

Concen: 35.508 ng

RT: 3.29 min Scan# 204

Delta R.T. -0.02 min

Lab File: BF117277.D

Acq: 1 Oct 2019 15:21

Instrument :

BNA_F

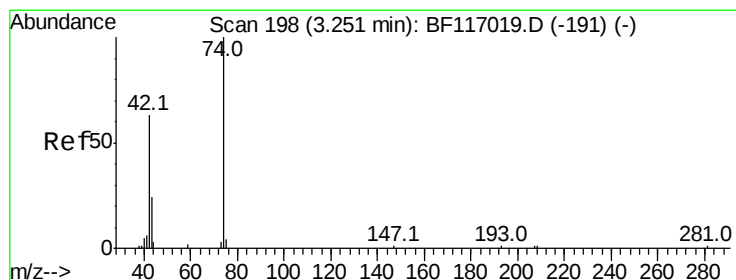
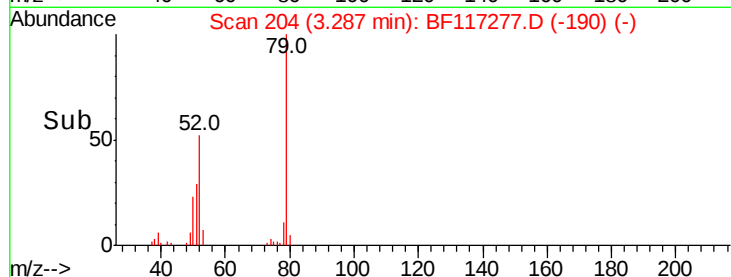
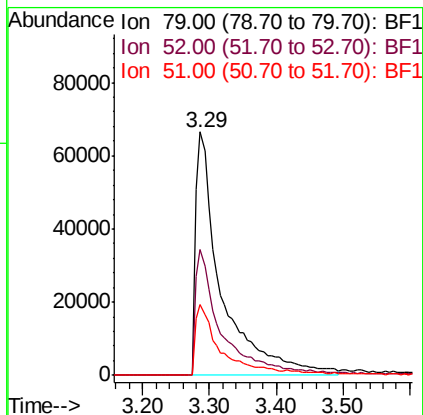
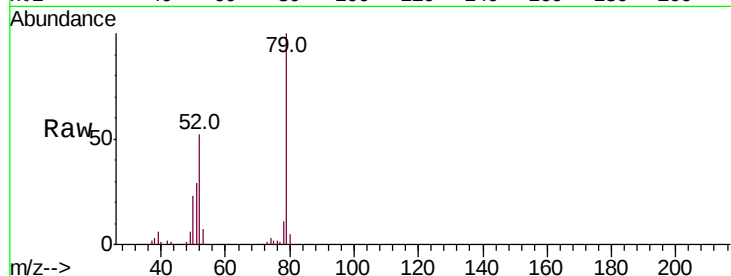
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	174777
Ion Ratio	Lower	Upper	
79	100		
52	51.6	43.5	65.3
51	29.1	21.8	32.6

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#4

n-Nitrosodimethylamine

Concen: 35.517 ng

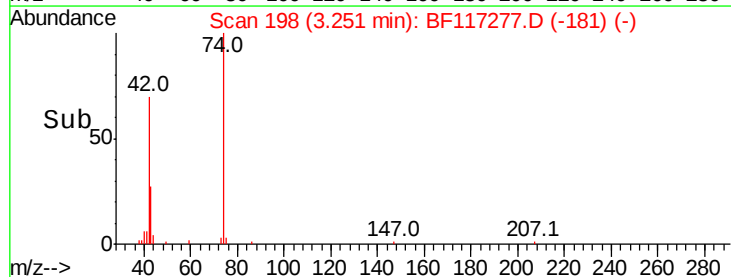
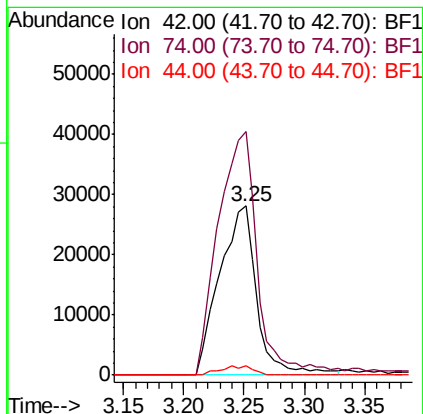
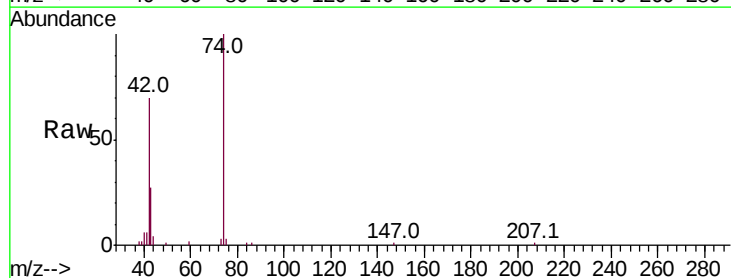
RT: 3.25 min Scan# 198

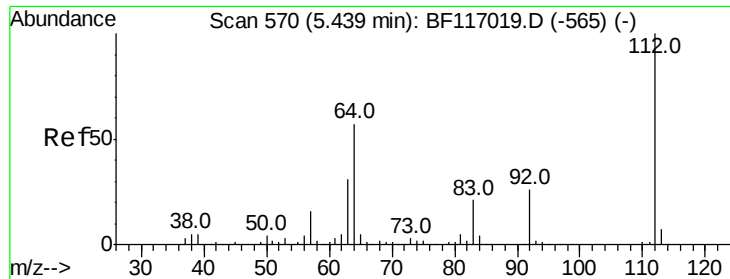
Delta R.T. -0.00 min

Lab File: BF117277.D

Acq: 1 Oct 2019 15:21

Tgt Ion:	42	Resp:	59995
Ion Ratio	Lower	Upper	
42	100		
74	143.9	127.1	190.7
44	5.7	4.3	6.5





#5

2-Fluorophenol

Concen: 78.006 ng

RT: 5.43 min Scan# 569

Delta R.T. -0.01 min

Lab File: BF117277.D

Acq: 1 Oct 2019 15:21

Instrument :

BNA_F

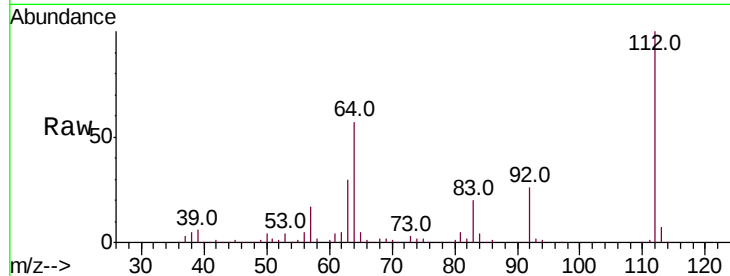
ClientSampleId :

SSTDCCC040

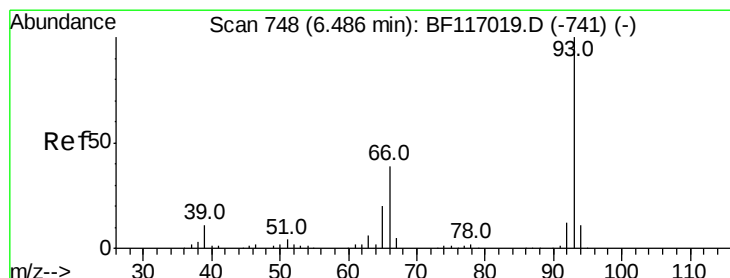
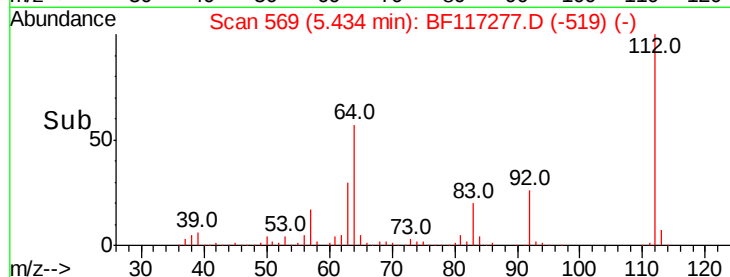
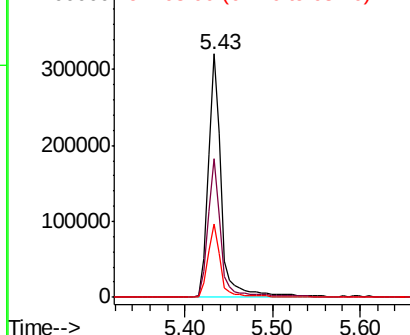
Tot Ion:	112	Resp:	335244
Ion Ratio	Lower	Upper	
112	100		
64	57.1	45.7	68.5
63	30.2	24.9	37.3

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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: 40.820 ng

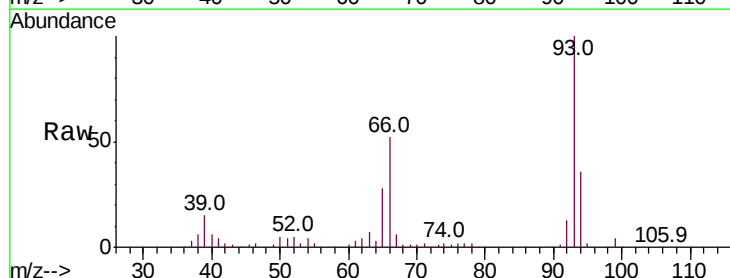
RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

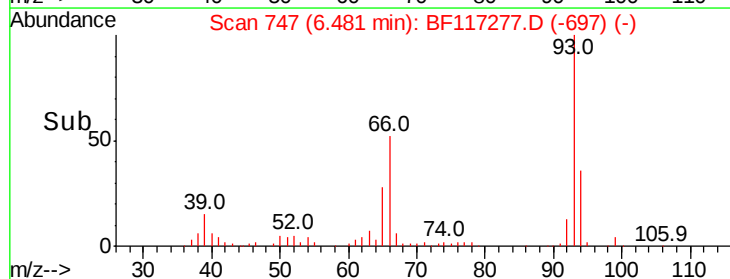
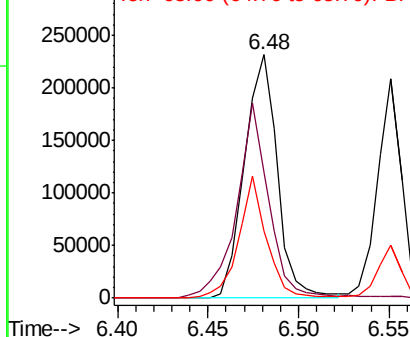
Lab File: BF117277.D

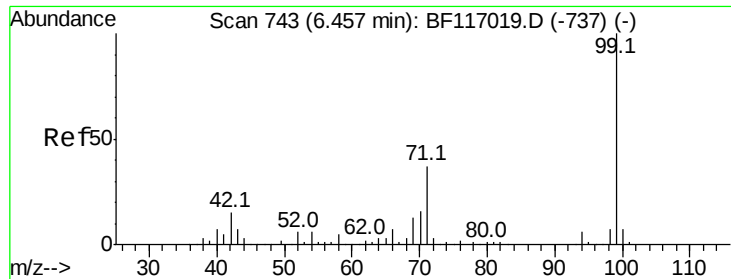
Acq: 1 Oct 2019 15:21

Tgt Ion:	93	Resp:	291904
Ion Ratio	Lower	Upper	
93	100		
66	51.5	32.6	49.0#
65	27.7	16.7	25.1#



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: 83.074 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF117277.D

Acq: 1 Oct 2019 15:21

Instrument :

BNA_F

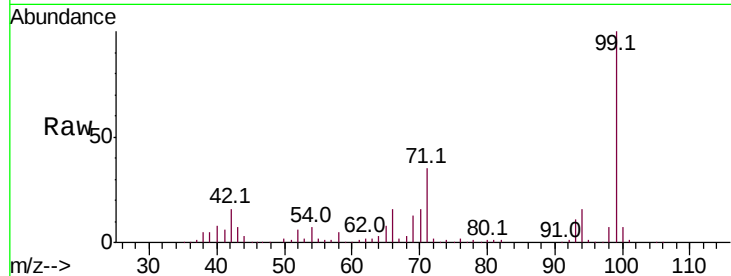
ClientSampleId :

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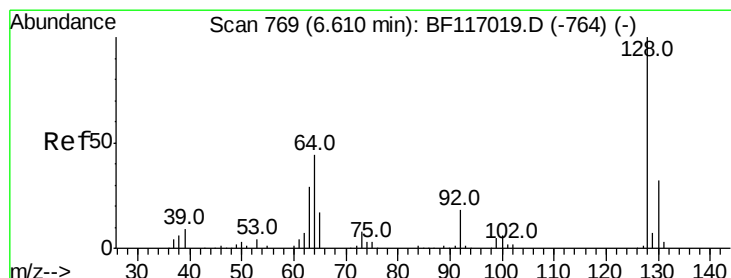
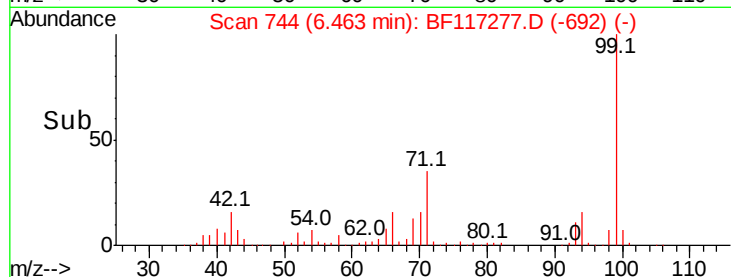
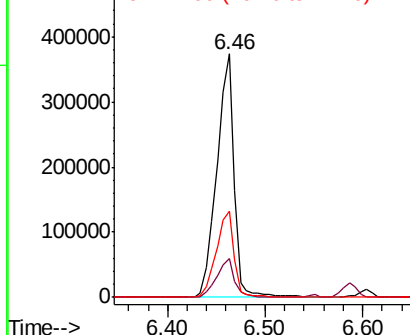
Tot Ion:	99	Resp:	461400
Ion Ratio	Lower	Upper	
99	100		
42	15.7	12.2	18.2
71	35.5	29.8	44.8

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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.570 ng

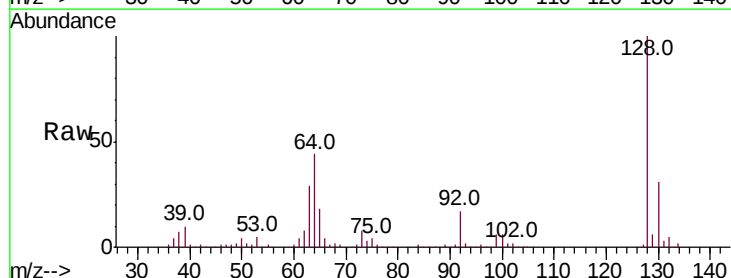
RT: 6.60 min Scan# 768

Delta R.T. -0.01 min

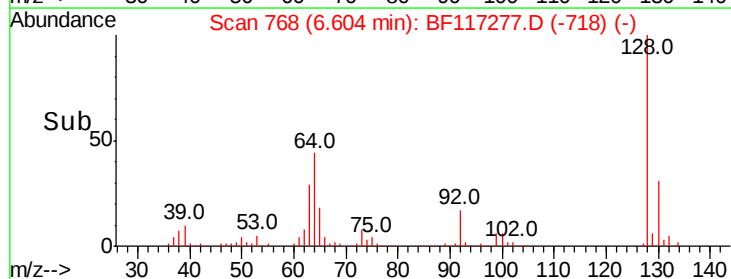
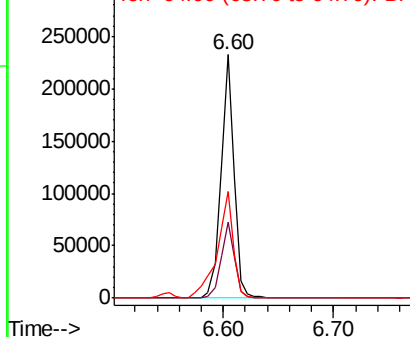
Lab File: BF117277.D

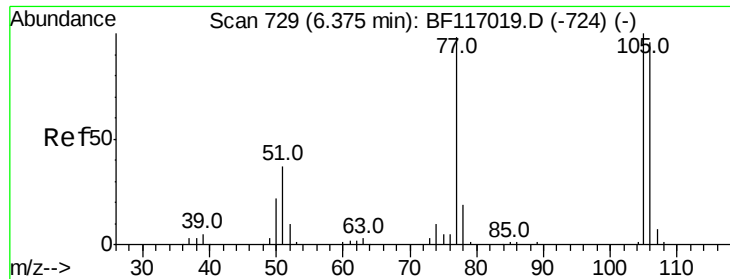
Acq: 1 Oct 2019 15:21

Tgt Ion:	128	Resp:	192733
Ion Ratio	Lower	Upper	
128	100		
130	31.3	11.8	51.8
64	44.0	25.0	65.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 44.398 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF117277.D

Acq: 1 Oct 2019 15:21

Instrument :

BNA_F

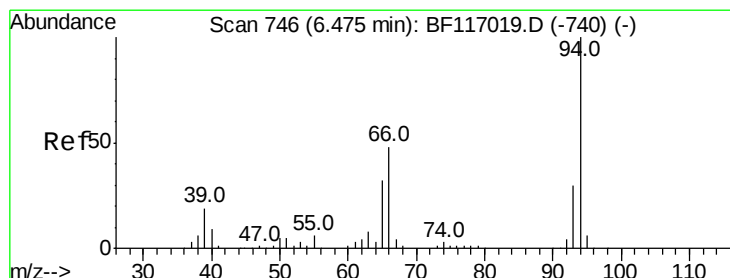
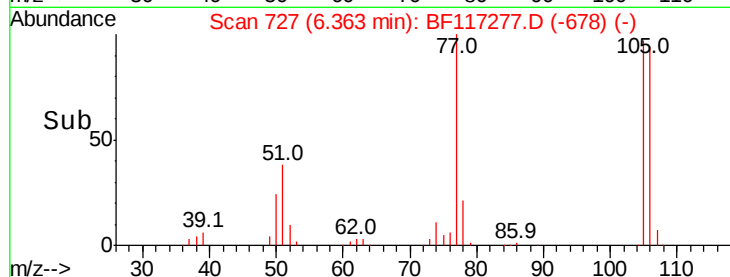
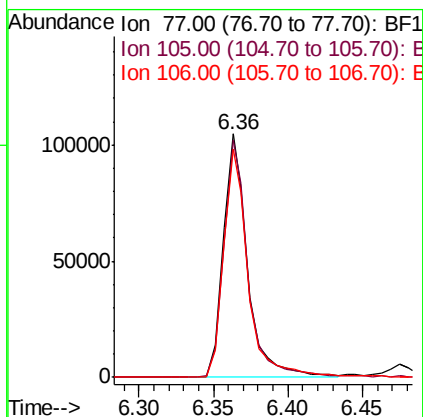
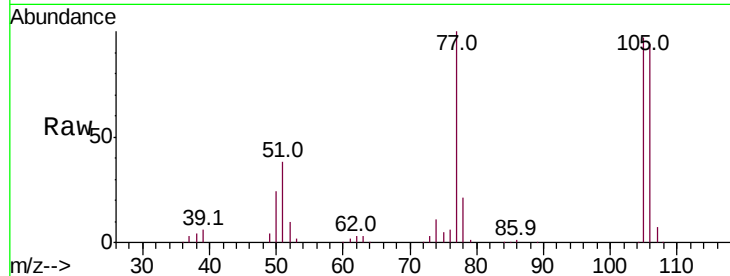
ClientSampled :

SSTDCCC040

Tot Ion:	77	Resp:	120332
Ion Ratio	Lower	Upper	
77	100		
105	97.4	81.8	121.8
106	93.6	77.3	117.3

Manual Integrations
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#10

Phenol

Concen: 41.051 ng

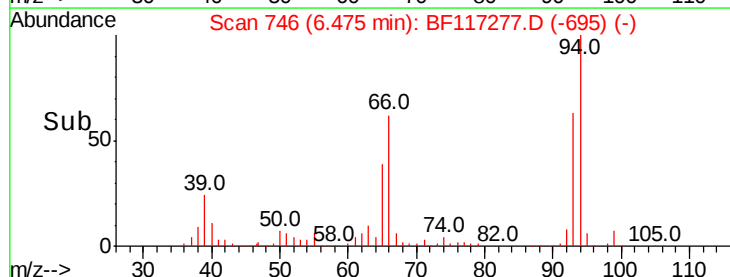
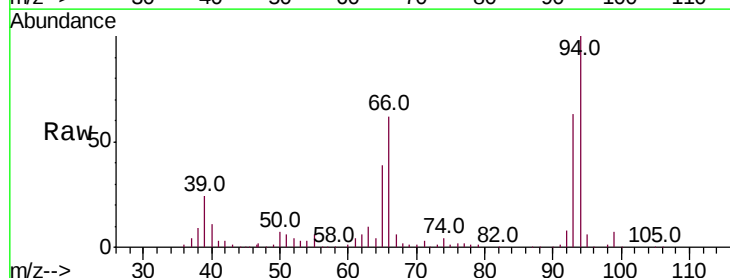
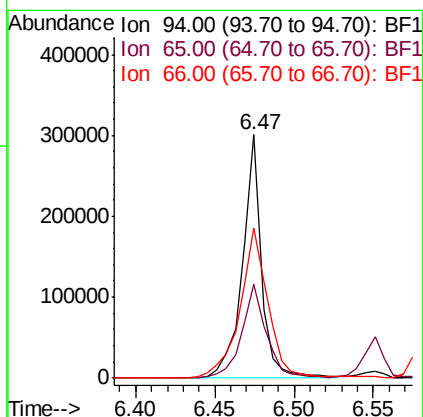
RT: 6.47 min Scan# 746

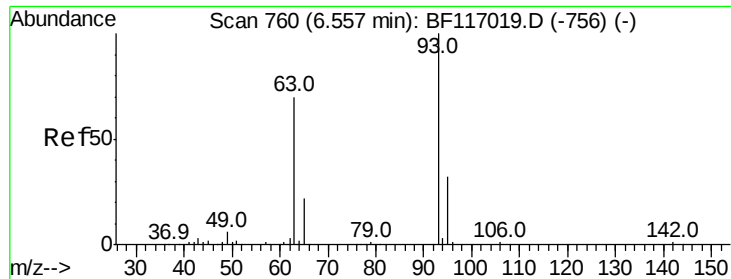
Delta R.T. -0.00 min

Lab File: BF117277.D

Acq: 1 Oct 2019 15:21

Tgt Ion:	94	Resp:	251354
Ion Ratio	Lower	Upper	
94	100		
65	38.6	12.5	52.5
66	61.5	28.9	68.9





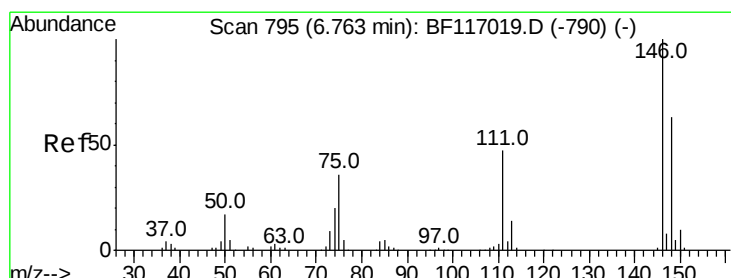
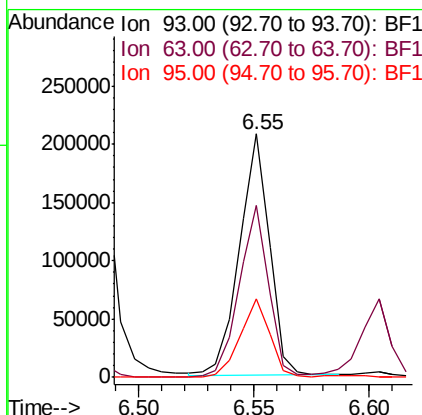
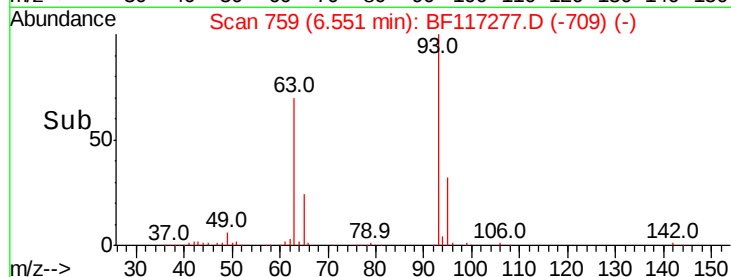
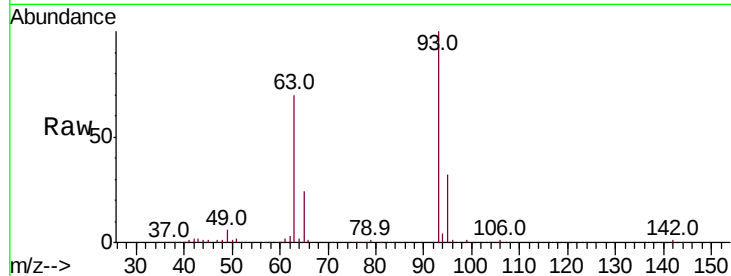
#11
bis(2-Chloroethyl)ether
Concen: 41.837 ng
RT: 6.55 min Scan# 759
Delta R.T. -0.01 min
Lab File: BF117277.D
Acq: 1 Oct 2019 15:21

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	93	Ratio	100	Resp	188272
Ion	93	100		Lower	Upper
	63	70.5		49.3	89.3
	95	32.2		11.5	51.5

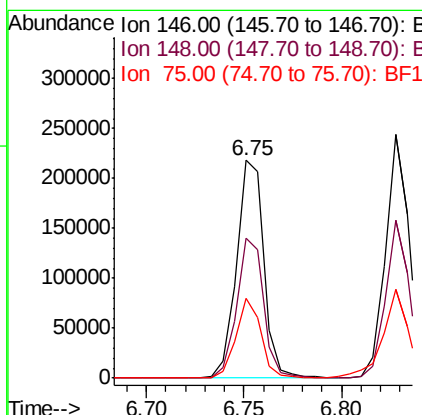
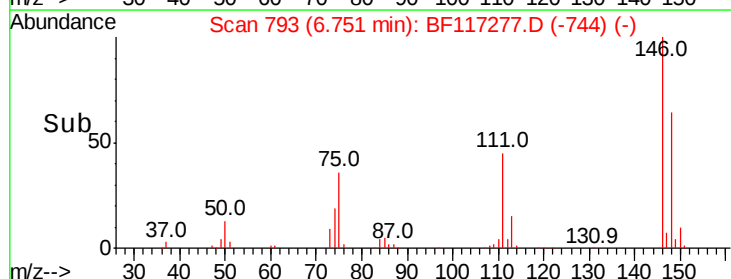
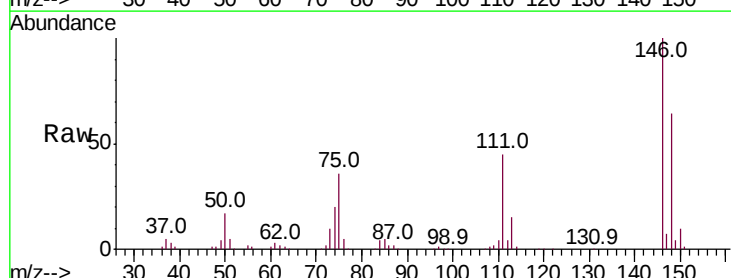
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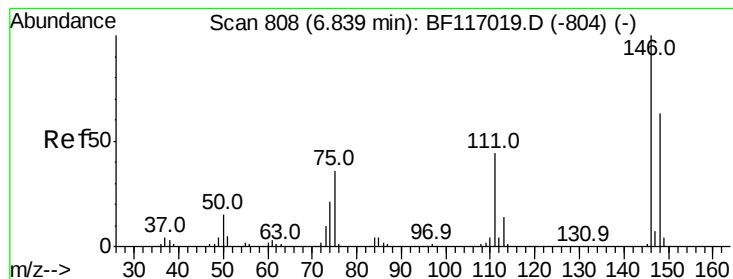
mohammad
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#12
1,3-Dichlorobenzene
Concen: 40.746 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF117277.D
Acq: 1 Oct 2019 15:21

Tgt Ion	146	Ratio	100	Resp	211986
Ion	146	100		Lower	Upper
	148	64.2		50.8	76.2
	75	36.5		28.7	43.1





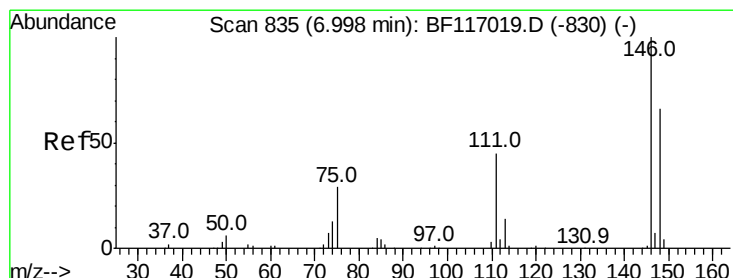
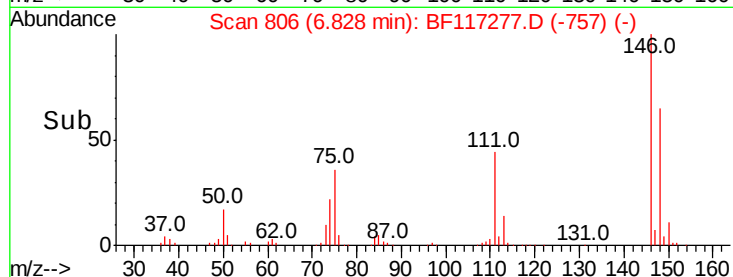
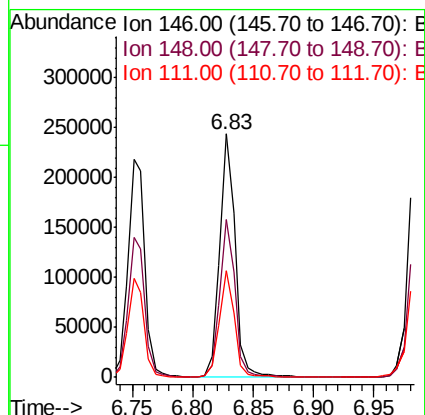
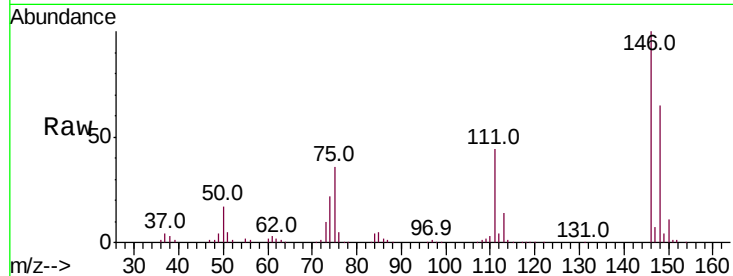
#13
 1,4-Dichlorobenzene
 Concen: 40.320 ng
 RT: 6.83 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: BF117277.D
 Acq: 1 Oct 2019 15:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.1	50.6	76.0
111	43.9	35.0	52.6

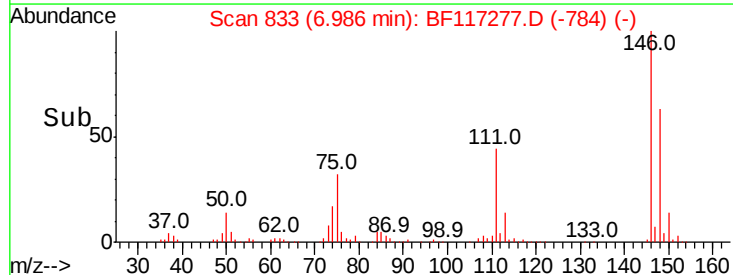
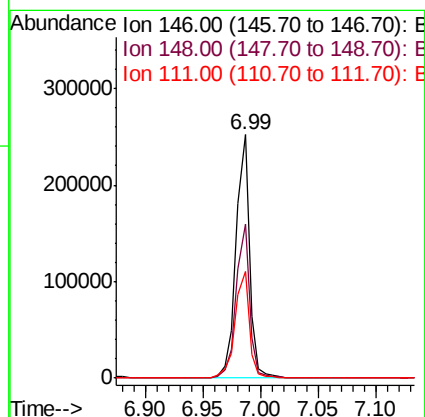
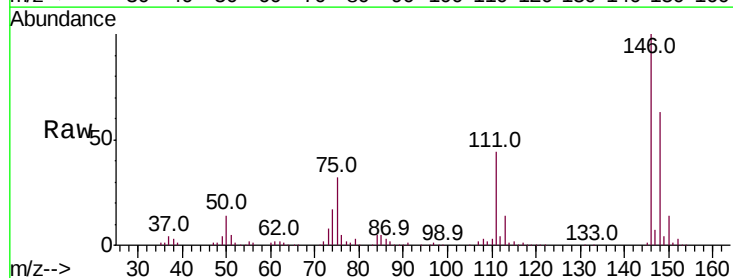
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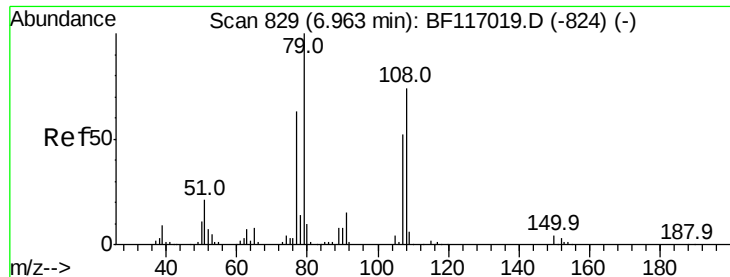
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 41.755 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.01 min
 Lab File: BF117277.D
 Acq: 1 Oct 2019 15:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	52.6	78.8
111	43.6	36.2	54.2





#15

Benzyl Alcohol

Concen: 43.124 ng

RT: 6.96 min Scan# 829

Delta R.T. -0.00 min

Lab File: BF117277.D

Acq: 1 Oct 2019 15:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 79 Resp: 183673

Ion Ratio Lower Upper

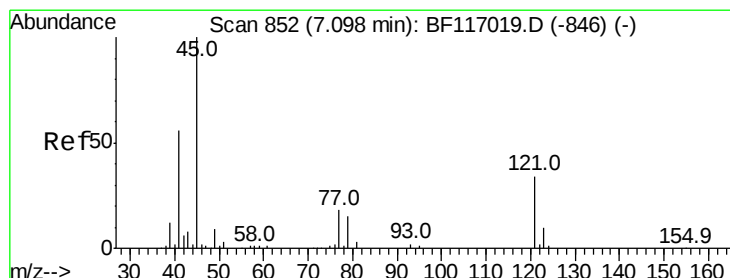
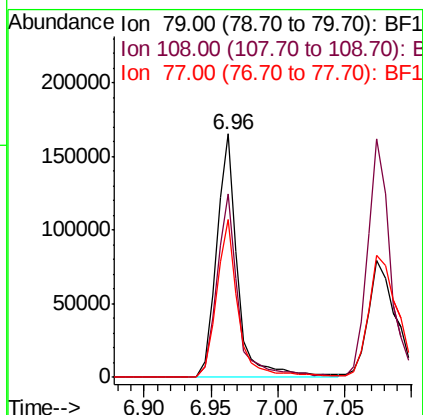
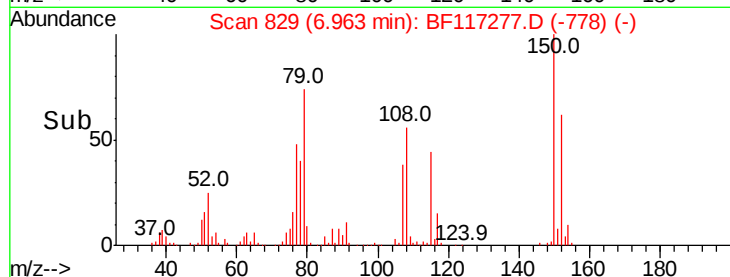
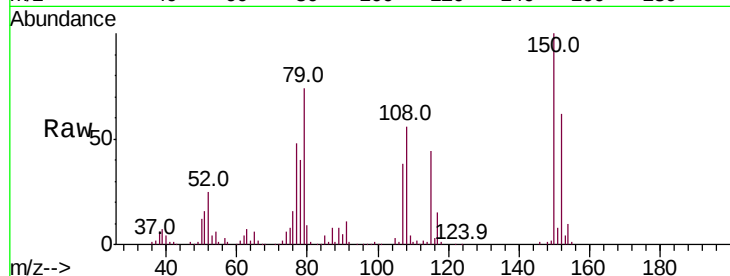
79 100

108 75.2 59.4 89.0

77 65.0 50.2 75.2

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.804 ng

RT: 7.09 min Scan# 850

Delta R.T. -0.01 min

Lab File: BF117277.D

Acq: 1 Oct 2019 15:21

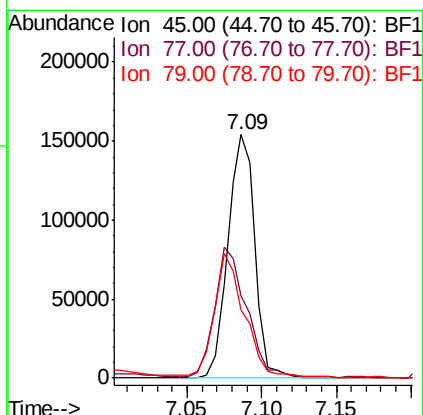
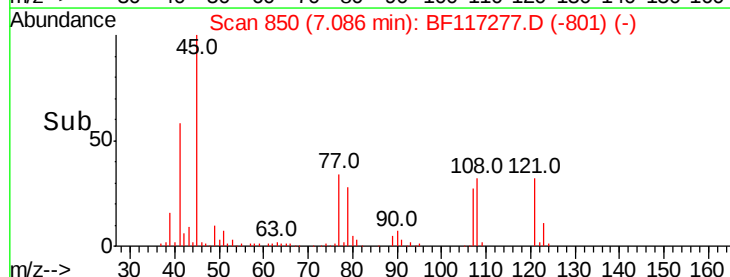
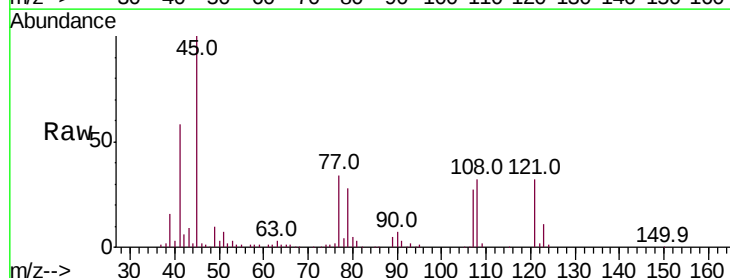
Tgt Ion: 45 Resp: 194754

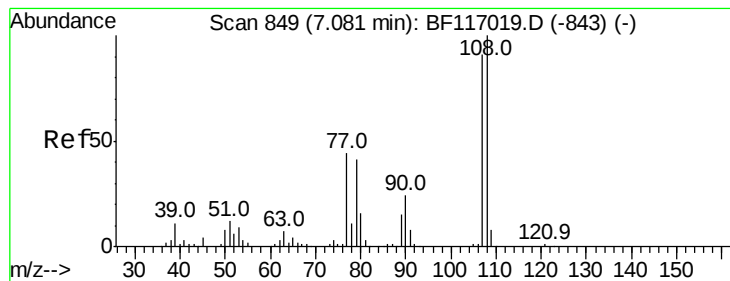
Ion Ratio Lower Upper

45 100

77 34.0 2.7 42.7

79 28.2 0.0 38.9





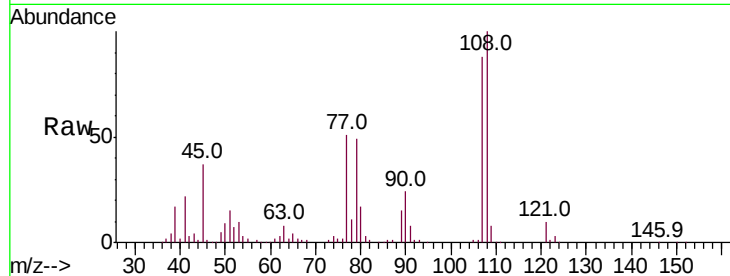
#17
2-Methylphenol
Concen: 41.610 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BF117277.D
Acq: 1 Oct 2019 15:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

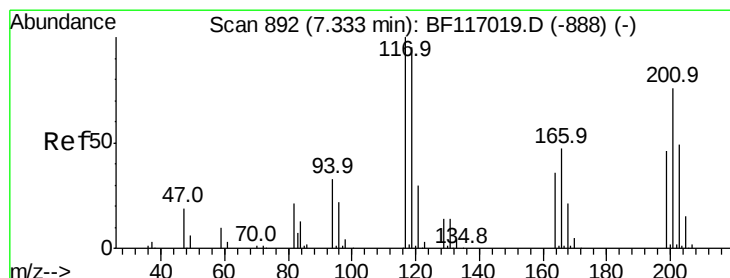
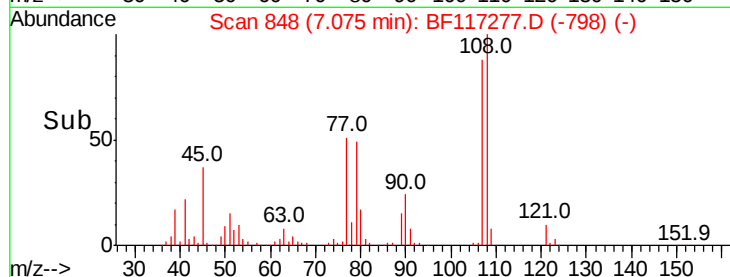
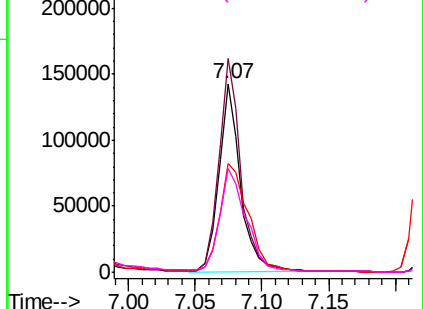
Tot Ion:	107	Resp:	161681
Ion Ratio	Lower	Upper	
107	100		
108	113.4	87.7	131.5
77	58.0	38.6	58.0#
79	55.3	36.8	55.2#

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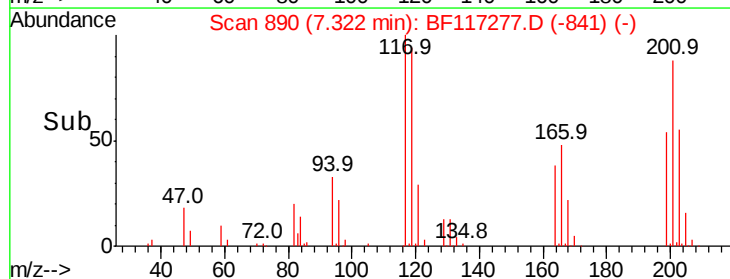
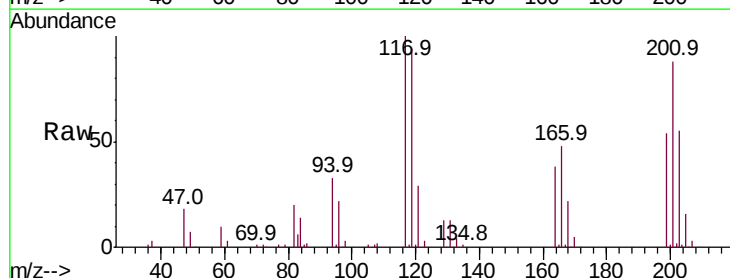
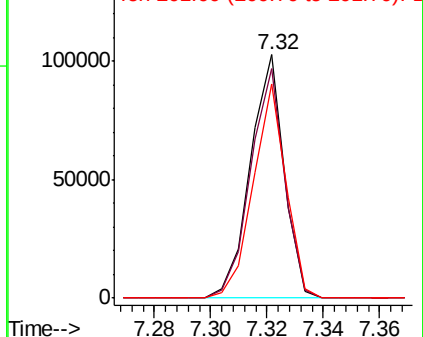
Abundance Ion 107.00 (106.70 to 107.70): E
250000
Ion 108.00 (107.70 to 108.70): E
200000
Ion 77.00 (76.70 to 77.70): BF1
150000
Ion 79.00 (78.70 to 79.70): BF1
100000
50000
0

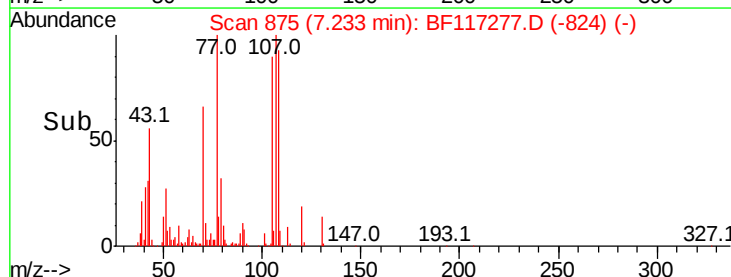
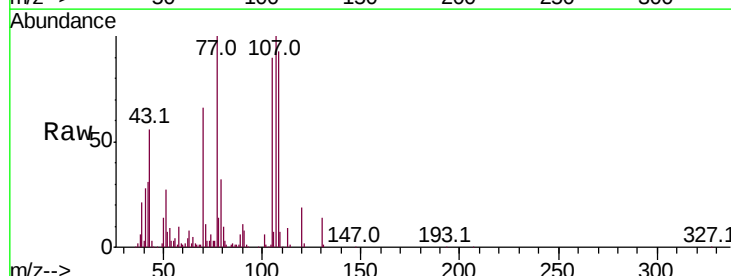
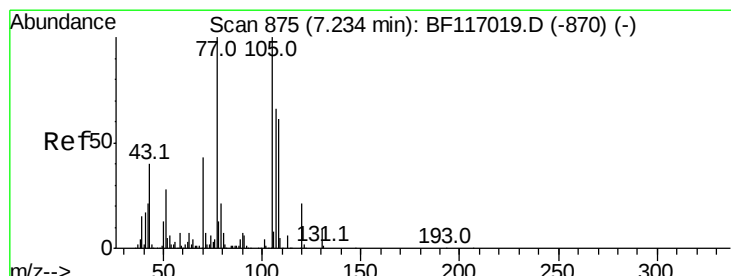
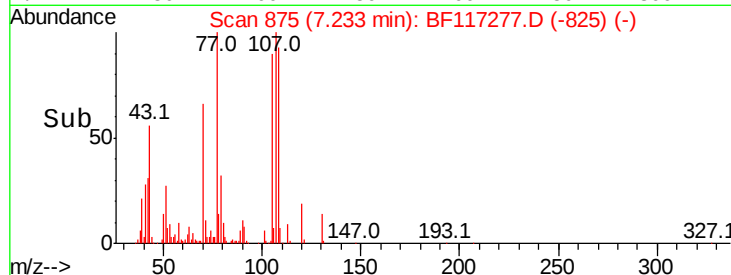
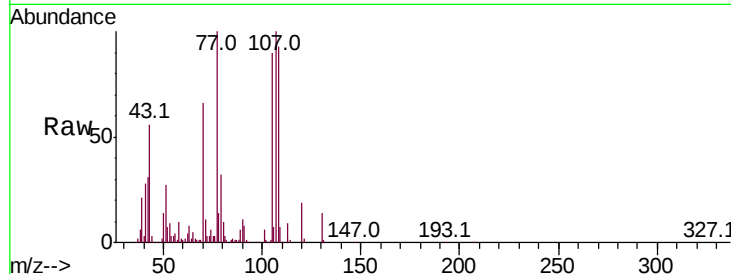
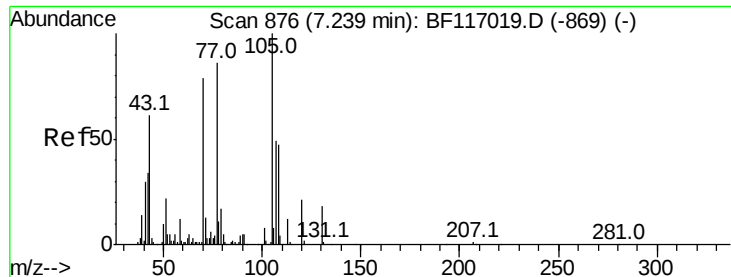


#18
Hexachloroethane
Concen: 41.535 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF117277.D
Acq: 1 Oct 2019 15:21

Tgt Ion:	117	Resp:	84835
Ion Ratio	Lower	Upper	
117	100		
119	94.0	75.8	113.8
201	87.9	60.9	91.3

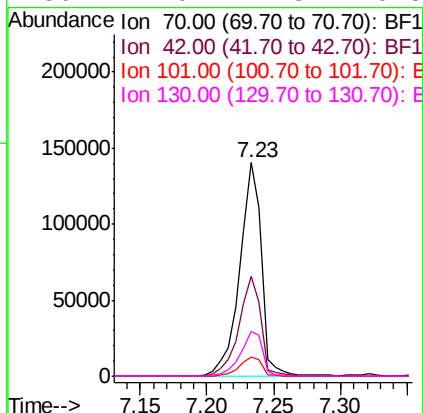
Abundance Ion 117.00 (116.70 to 117.70): E
100000
Ion 119.00 (118.70 to 119.70): E
50000
Ion 201.00 (200.70 to 201.70): E
0





#19
n-Nitroso-di-n-propylamine
Concen: 46.992 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF117277.D
Acq: 1 Oct 2019 15:21

Tot Ion	Ratio	Lower	Upper
70	100		
42	46.7	34.0	51.0
101	8.8	7.8	11.6
130	21.0	17.8	26.8



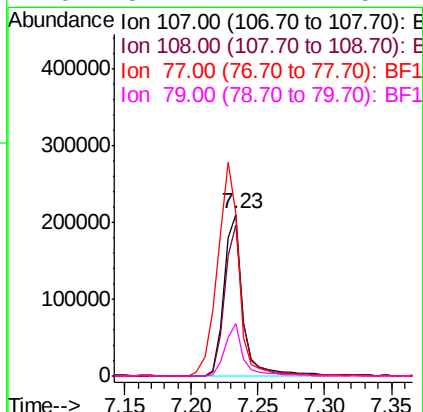
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

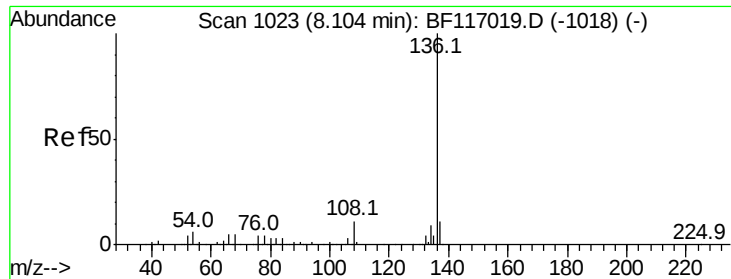
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#20
3+4-Methylphenols
Concen: 43.804 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.00 min
Lab File: BF117277.D
Acq: 1 Oct 2019 15:21

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.2	72.6	112.6
77	100.5	132.1	172.1#
79	32.2	12.1	52.1





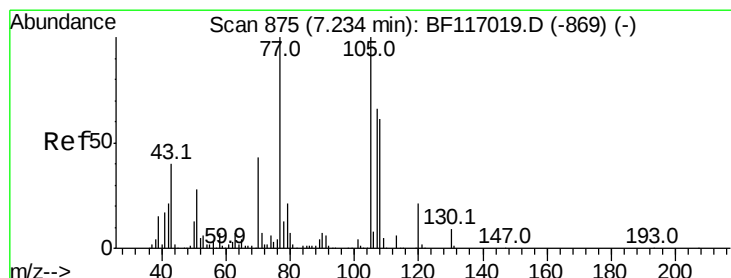
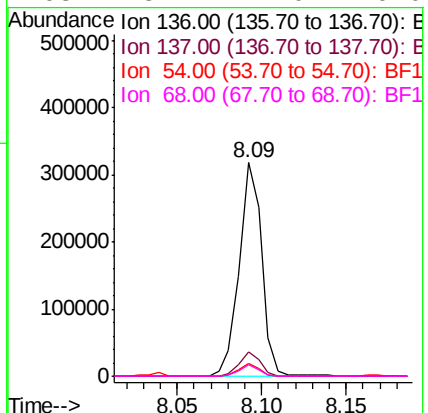
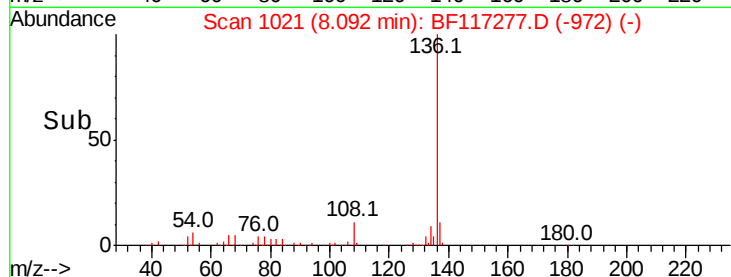
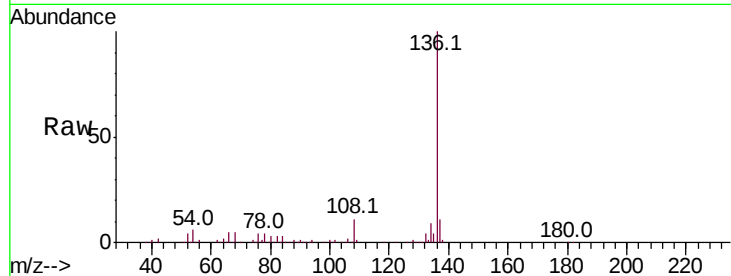
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF117277.D
Acq: 1 Oct 2019 15:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	295593		
137	11.3	9.0	13.4	
54	5.9	4.5	6.7	
68	5.2	4.0	6.0	

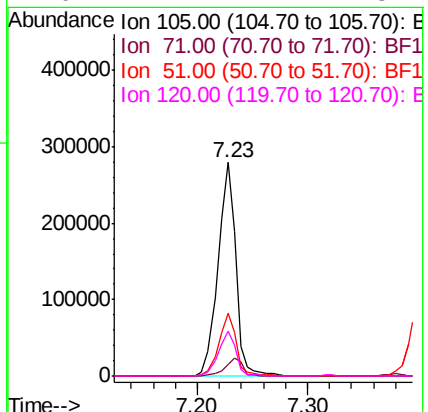
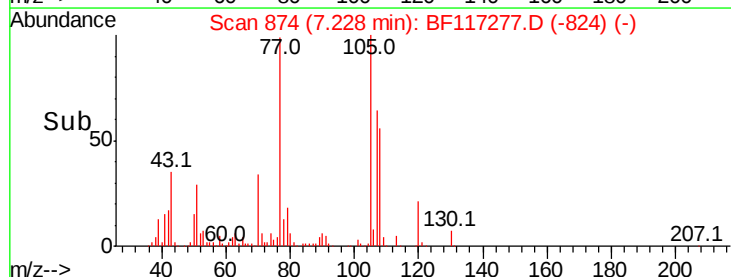
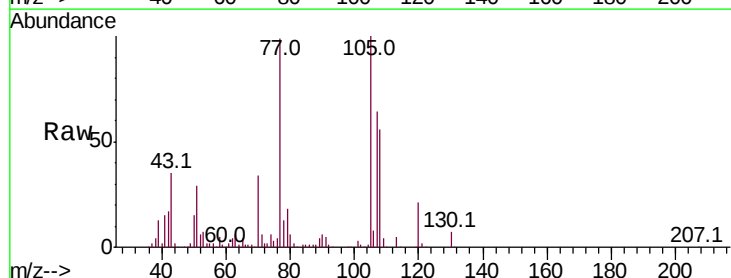
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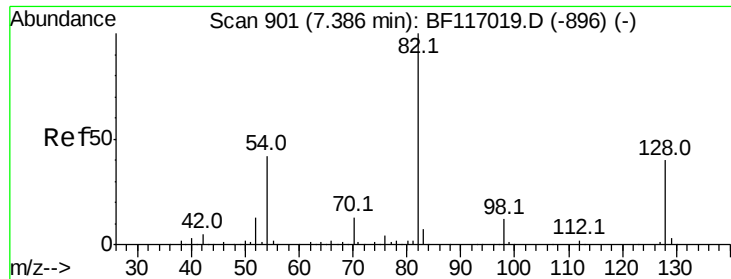
mohammad
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#22
Acetophenone
Concen: 41.719 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF117277.D
Acq: 1 Oct 2019 15:21

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	313313		
71	5.6	5.7	8.5#	
51	29.3	22.1	33.1	
120	21.1	17.1	25.7	





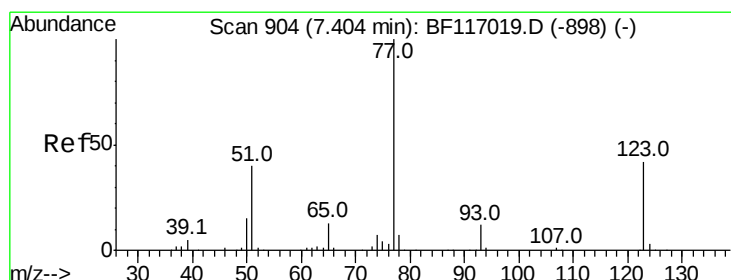
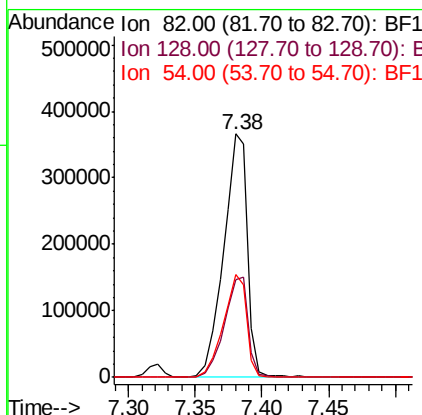
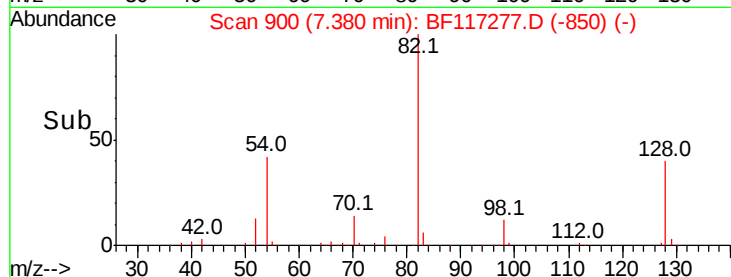
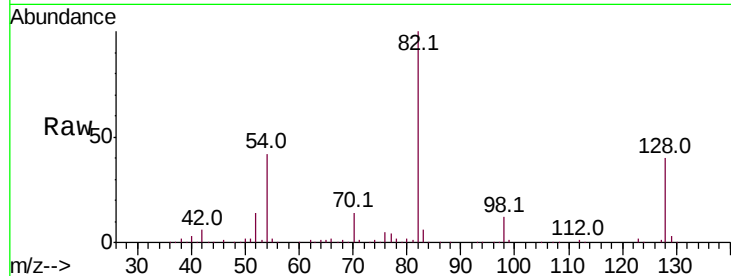
#23
 Nitrobenzene-d5
 Concen: 81.849 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BF117277.D
 Acq: 1 Oct 2019 15:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
82	100	460464		
128	40.2		32.3	48.5
54	42.2		33.3	49.9

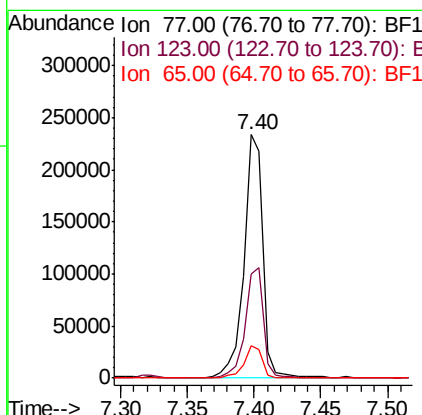
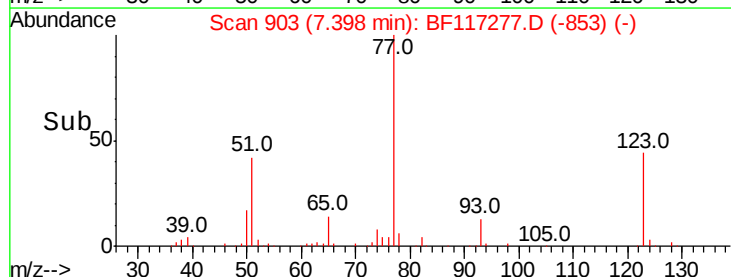
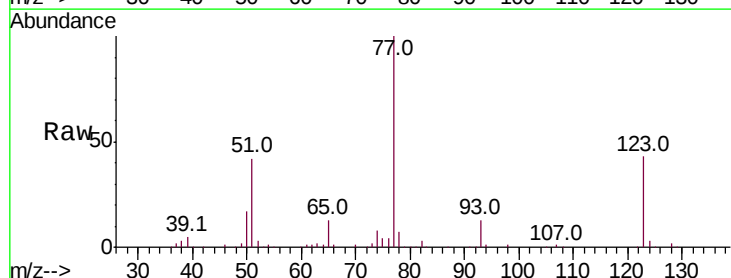
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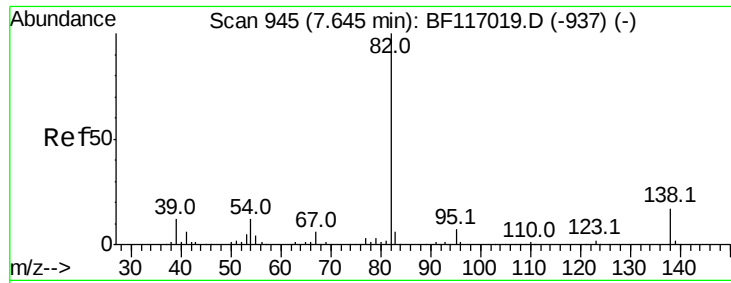
mohammad
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#24
 Nitrobenzene
 Concen: 40.223 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF117277.D
 Acq: 1 Oct 2019 15:21

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	223465		
123	42.8		33.5	50.3
65	13.4		10.5	15.7





#25

Isophorone

Concen: 41.937 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF117277.D

Acq: 1 Oct 2019 15:21

Instrument :

BNA_F

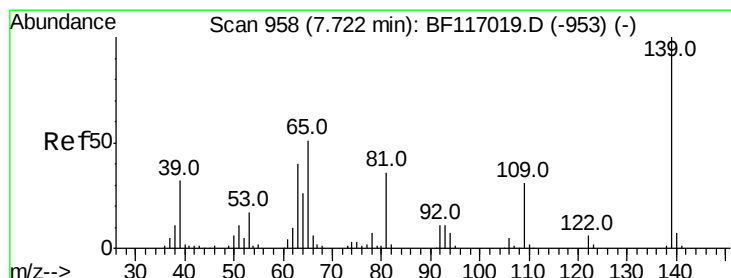
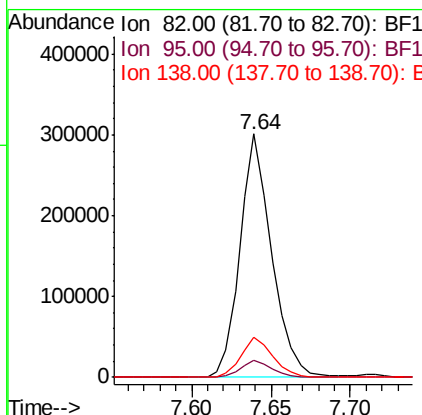
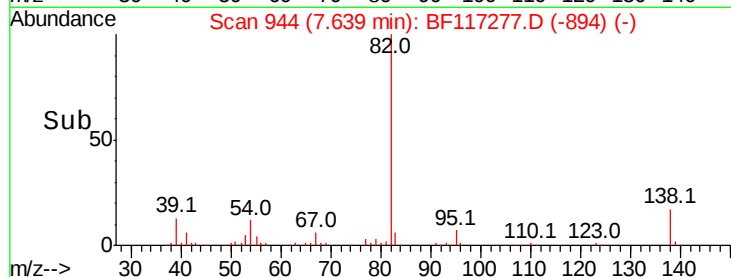
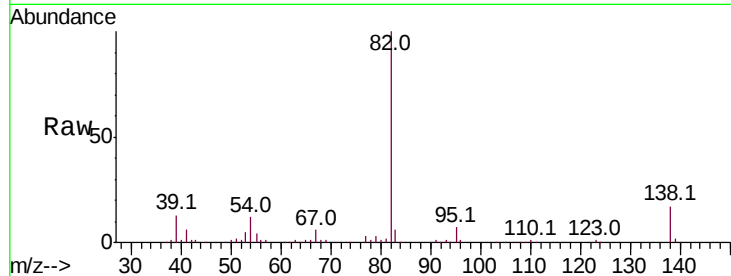
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	417728
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.8	8.6
138	16.6	13.5	20.3

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#26

2-Nitrophenol

Concen: 43.283 ng

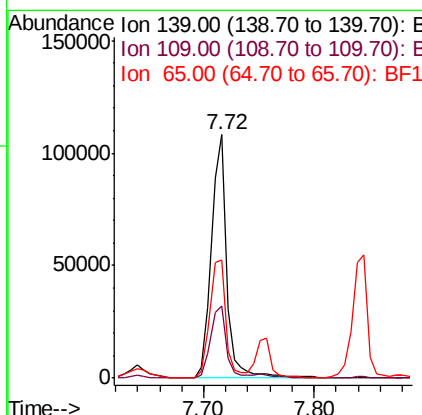
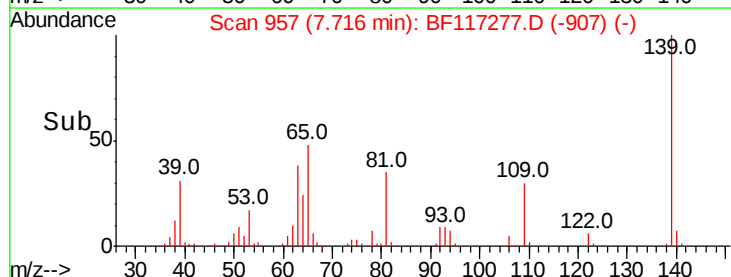
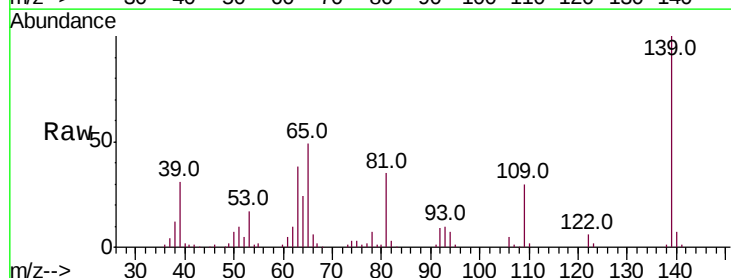
RT: 7.72 min Scan# 957

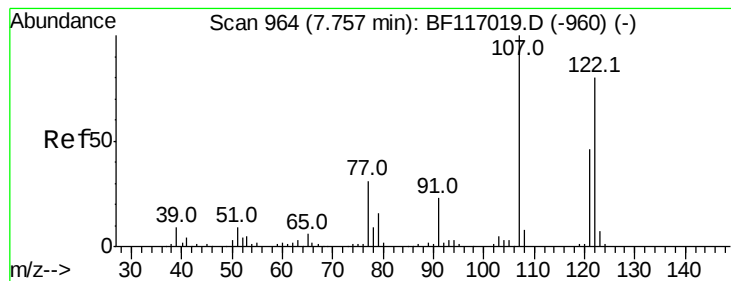
Delta R.T. -0.01 min

Lab File: BF117277.D

Acq: 1 Oct 2019 15:21

Tgt Ion:	139	Resp:	103289
Ion Ratio	Lower	Upper	
139	100		
109	29.9	24.6	36.8
65	48.5	40.9	61.3





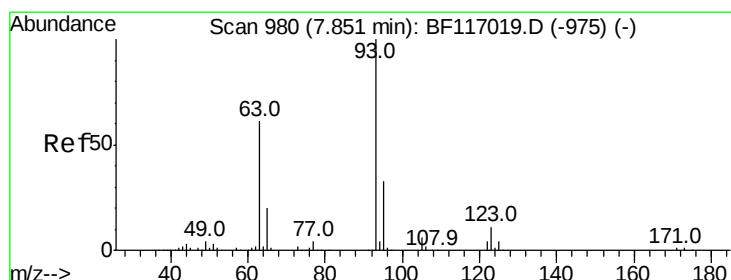
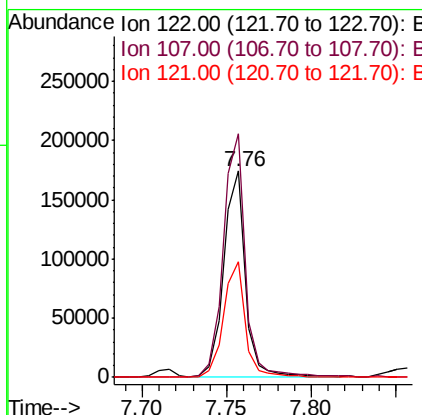
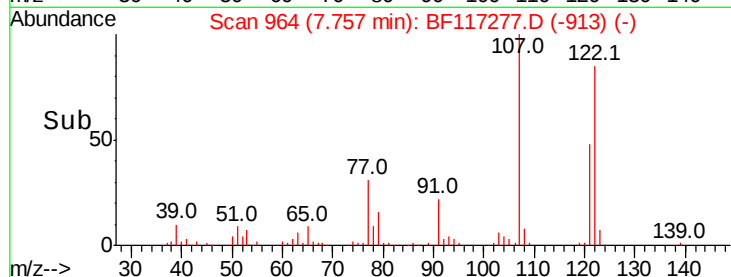
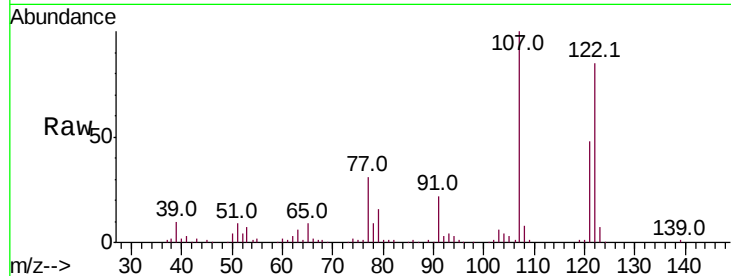
#27
2,4-Dimethylphenol
Concen: 41.064 ng
RT: 7.76 min Scan# 964
Delta R.T. -0.00 min
Lab File: BF117277.D
Acq: 1 Oct 2019 15:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	118.1	98.9	148.3
121	56.4	45.3	67.9

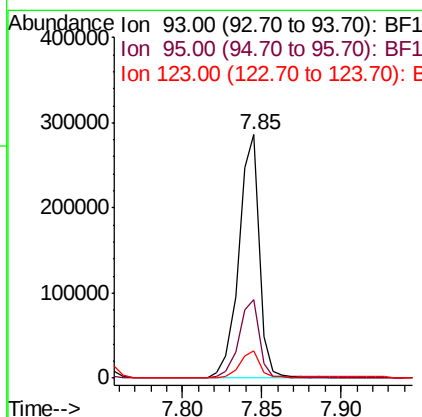
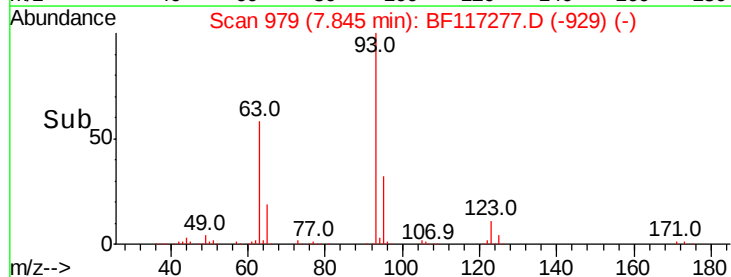
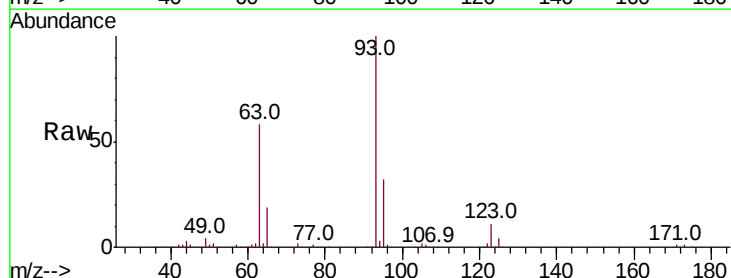
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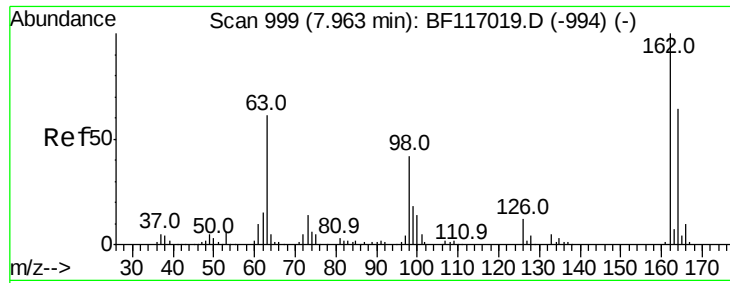
mohammad
10/2/2019 3:56:33 PM



#28
bis(2-Chloroethoxy)methane
Concen: 42.049 ng
RT: 7.85 min Scan# 979
Delta R.T. -0.01 min
Lab File: BF117277.D
Acq: 1 Oct 2019 15:21

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.0	26.2	39.4
123	11.4	9.0	13.6





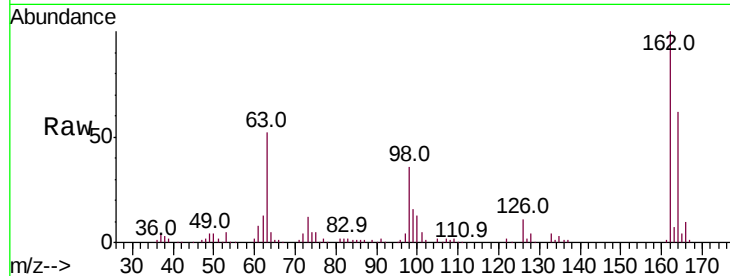
#29
2,4-Dichlorophenol
Concen: 41.589 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.00 min
Lab File: BF117277.D
Acq: 1 Oct 2019 15:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	62.0	43.8	83.8
98	35.6	22.1	62.1

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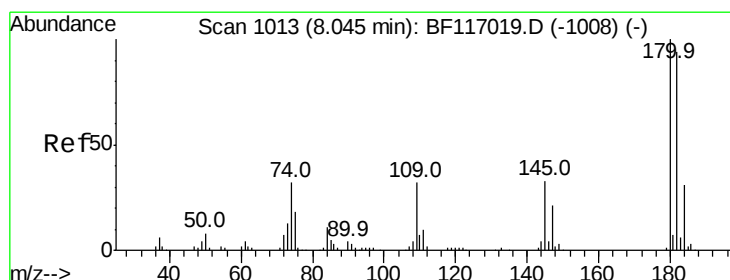
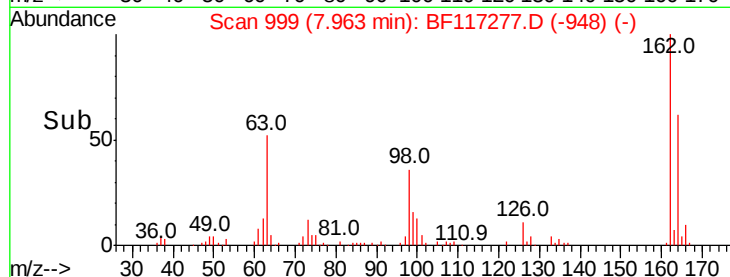
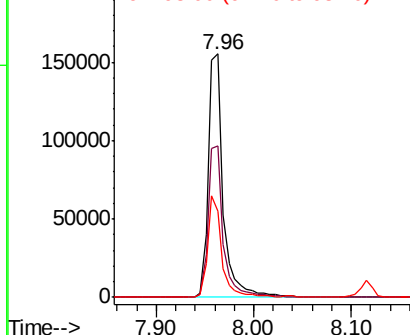


Abundance

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: 39.714 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF117277.D
Acq: 1 Oct 2019 15:21

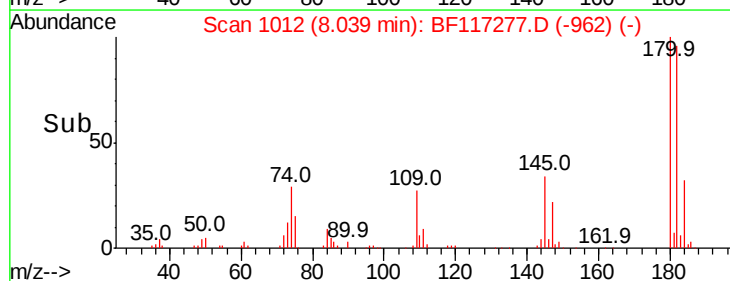
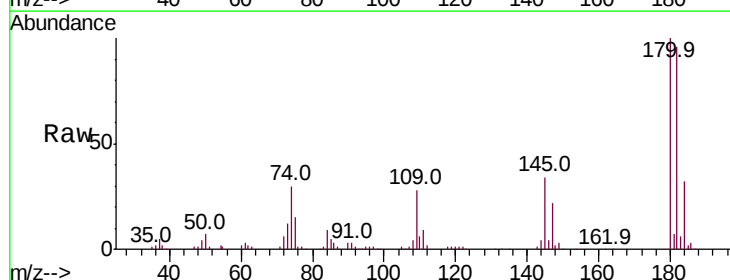
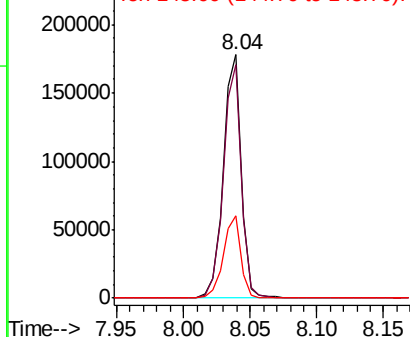
Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.9	75.4	113.0
145	33.7	26.7	40.1

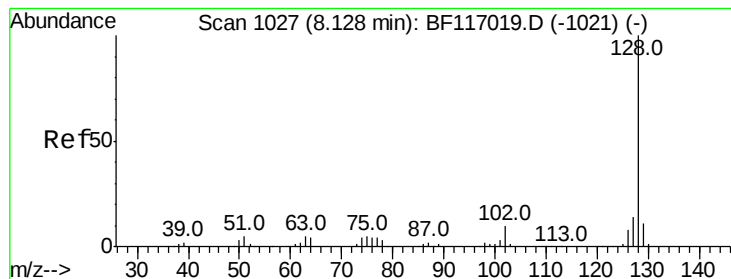
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.674 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF117277.D

Acq: 1 Oct 2019 15:21

Instrument :

BNA_F

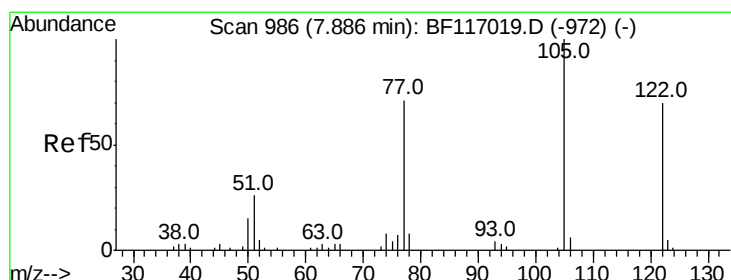
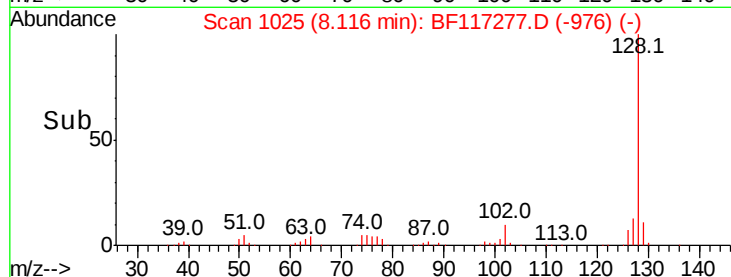
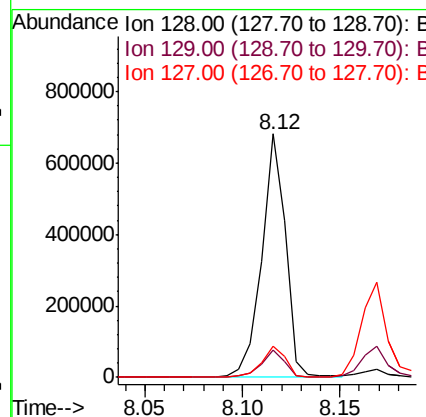
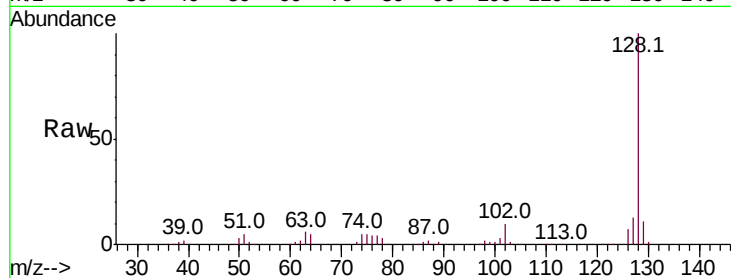
ClientSampleId :

SSTDCCC040

Tot Ion:128	Resp:	578231
Ion Ratio	Lower	Upper
128	100	
129	11.1	9.0 13.4
127	13.0	10.8 16.2

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#32

Benzoic acid

Concen: 39.058 ng

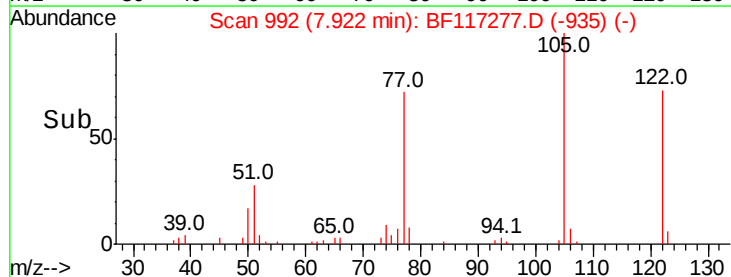
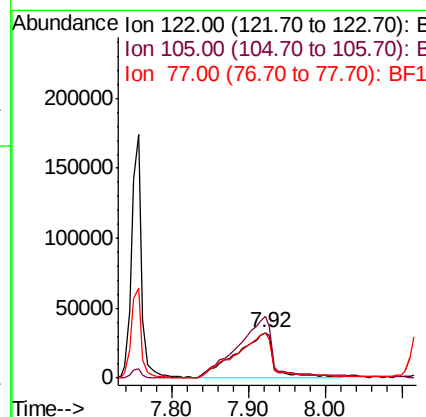
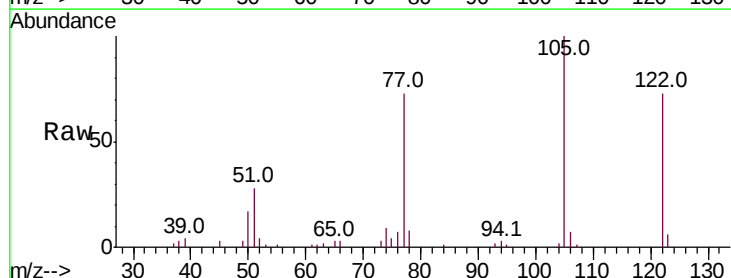
RT: 7.92 min Scan# 992

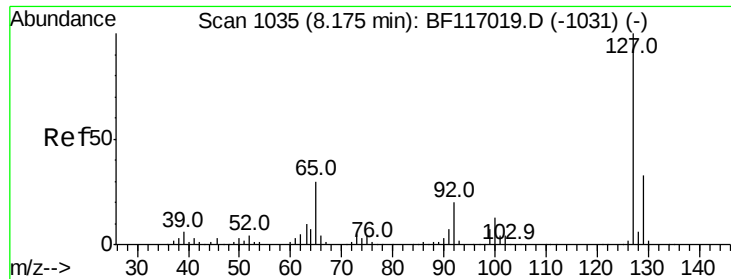
Delta R.T. 0.04 min

Lab File: BF117277.D

Acq: 1 Oct 2019 15:21

Tgt Ion:122	Resp:	107537
Ion Ratio	Lower	Upper
122	100	
105	137.1	114.8 154.8
77	100.2	78.7 118.7





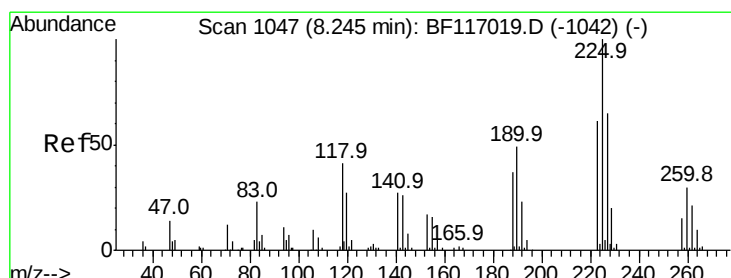
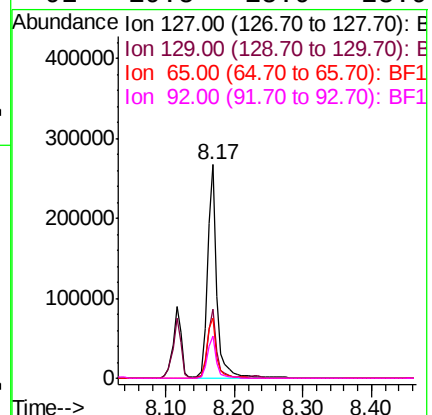
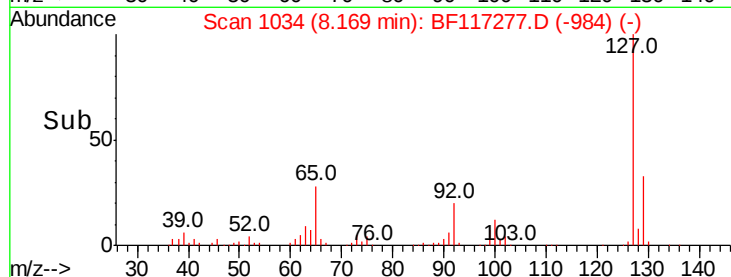
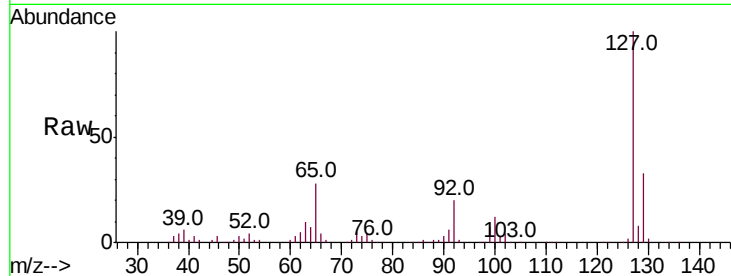
#33
4-Chloroaniline
Concen: 41.179 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF117277.D
Acq: 1 Oct 2019 15:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.7	26.2	39.2		
65	28.5	23.5	35.3		
92	19.5	15.9	23.9		

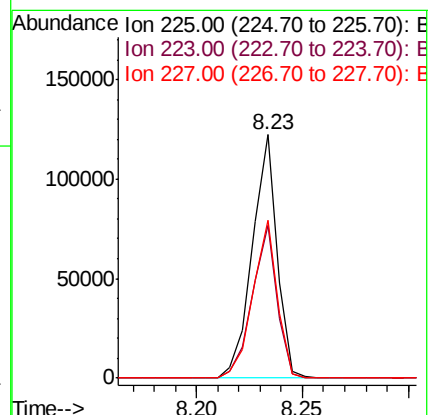
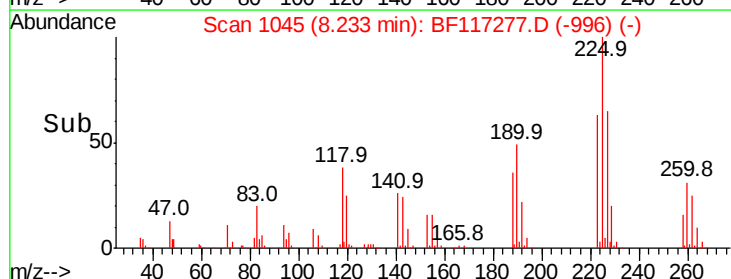
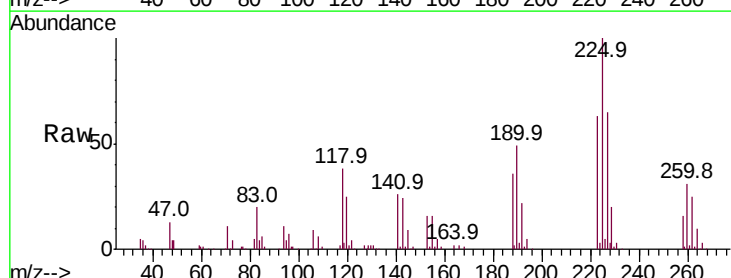
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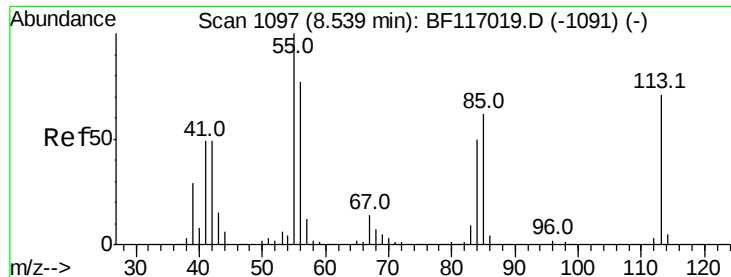
mohammad
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#34
Hexachlorobutadiene
Concen: 40.960 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BF117277.D
Acq: 1 Oct 2019 15:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.0	49.1	73.7		
227	64.9	52.2	78.2		





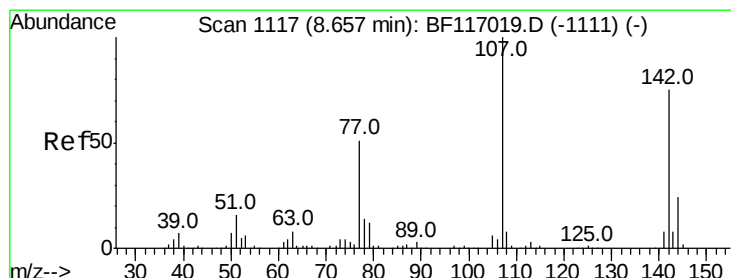
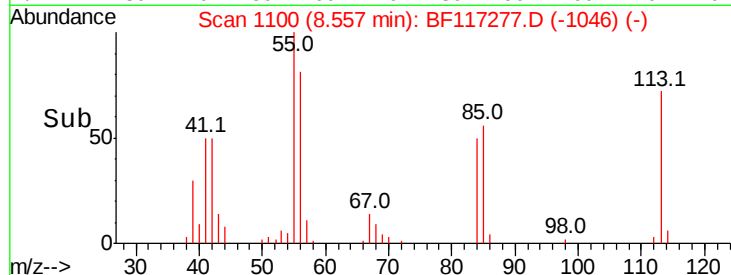
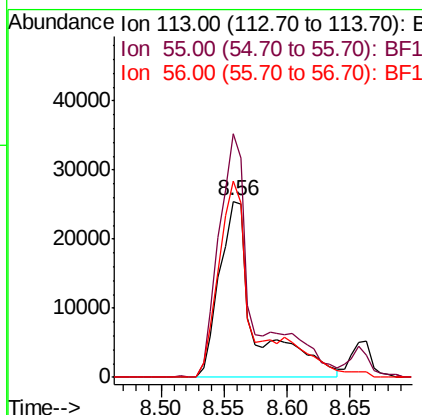
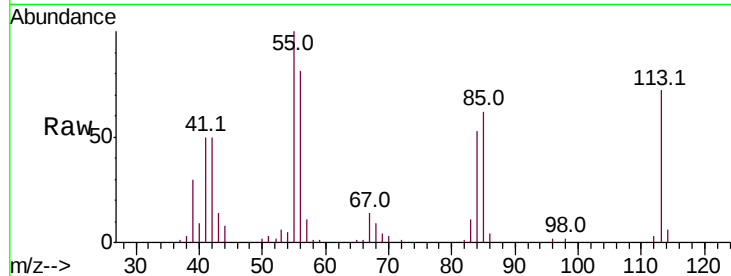
#35
 Caprolactam
 Concen: 38.119 ng/ml
 RT: 8.56 min Scan# 1100
 Delta R.T. 0.02 min
 Lab File: BF117277.D
 Acq: 1 Oct 2019 15:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	138.3	120.6	160.6	
56	111.7	88.8	128.8	

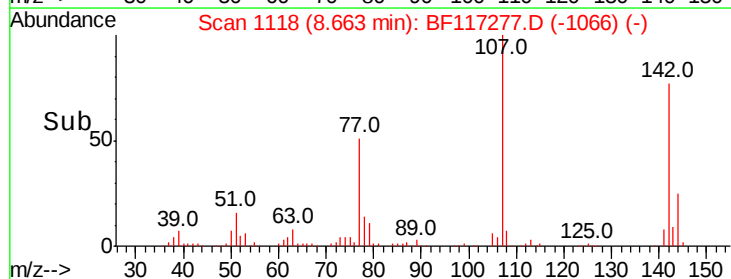
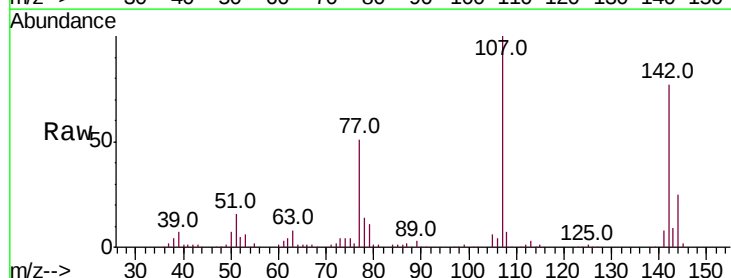
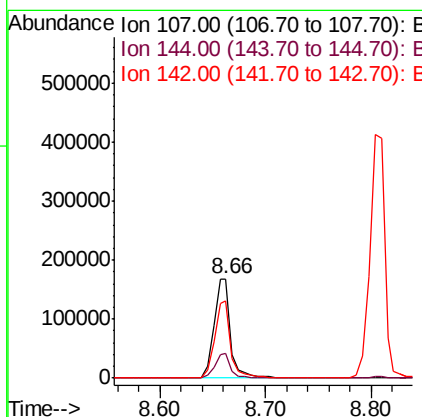
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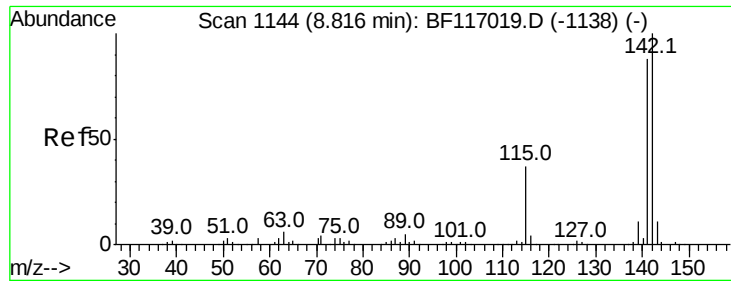
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#36
 4-Chloro-3-methylphenol
 Concen: 40.757 ng/ml
 RT: 8.66 min Scan# 1118
 Delta R.T. 0.01 min
 Lab File: BF117277.D
 Acq: 1 Oct 2019 15:21

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	25.4	19.2	28.8	
142	77.3	59.6	89.4	





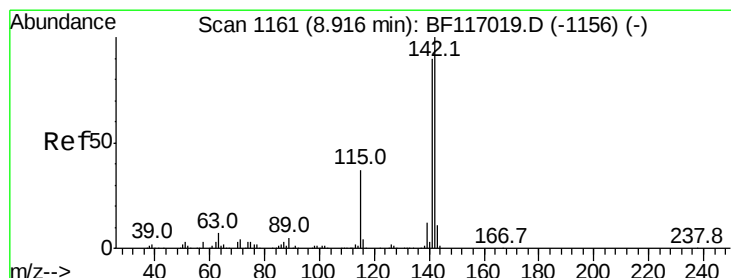
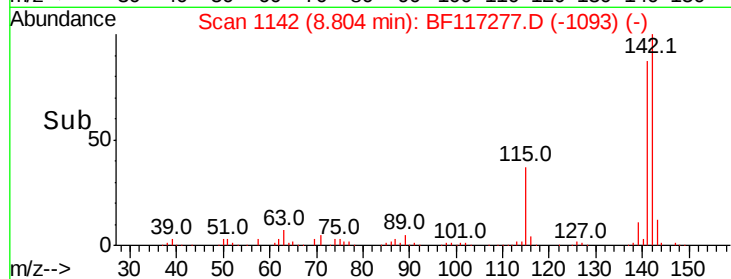
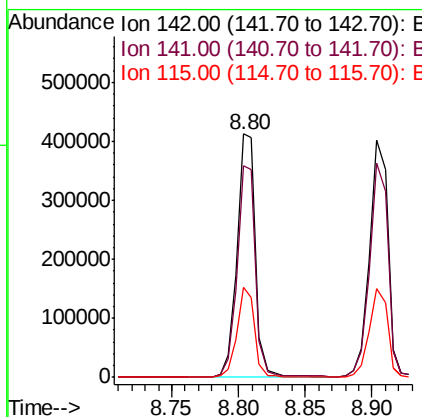
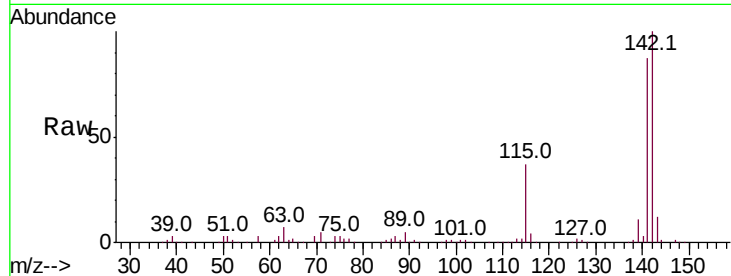
#37
2-Methylnaphthalene
Concen: 41.772 ng
RT: 8.80 min Scan# 1142
Delta R.T. -0.01 min
Lab File: BF117277.D
Acq: 1 Oct 2019 15:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
142	100	399882		
141	86.7	70.7	106.1	
115	36.7	29.4	44.0	

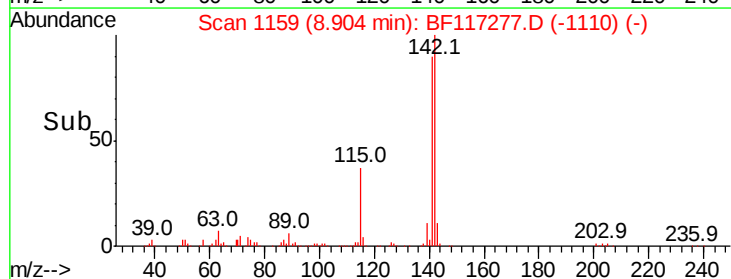
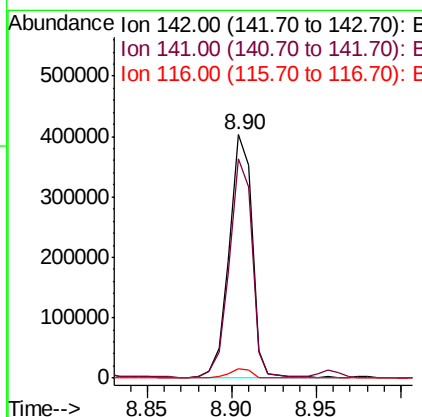
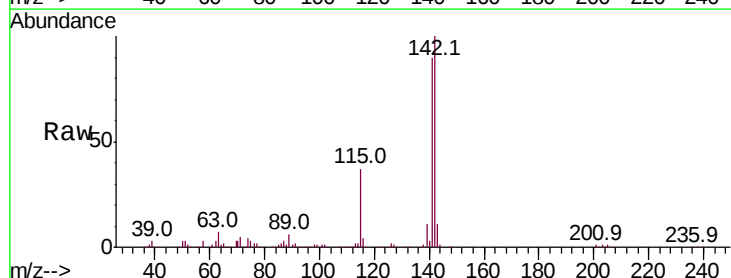
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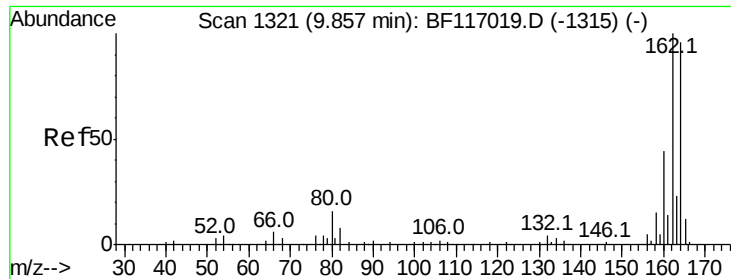
mohammad
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#38
1-Methylnaphthalene
Concen: 41.990 ng
RT: 8.90 min Scan# 1159
Delta R.T. -0.01 min
Lab File: BF117277.D
Acq: 1 Oct 2019 15:21

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	376482		
141	89.9	71.9	107.9	
116	3.9	3.2	4.8	





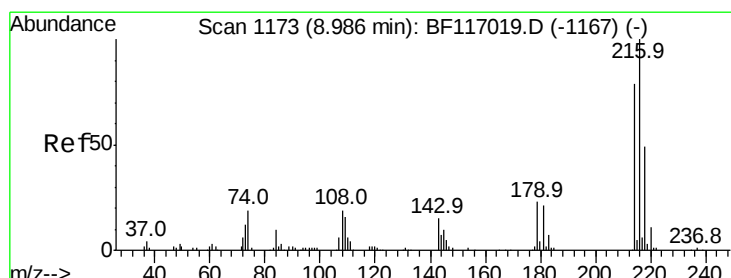
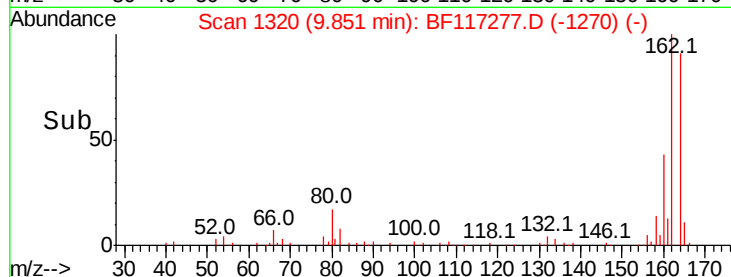
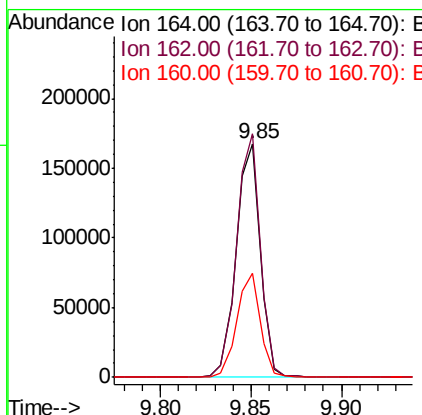
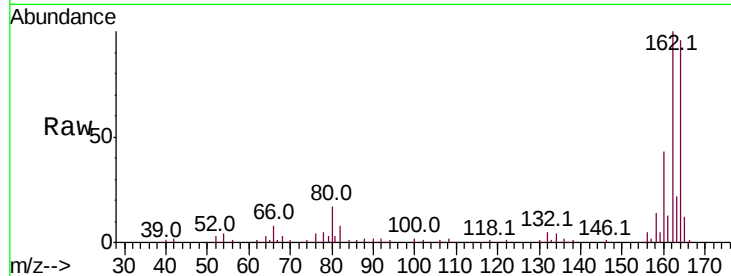
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF117277.D
Acq: 1 Oct 2019 15:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.1	83.4	125.2
160	44.6	36.4	54.6

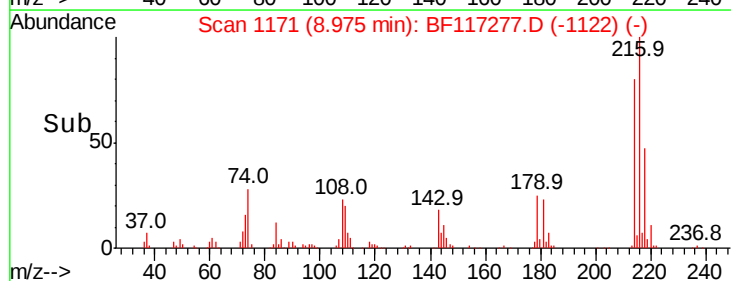
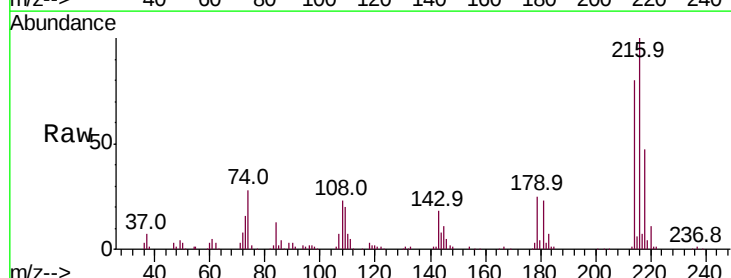
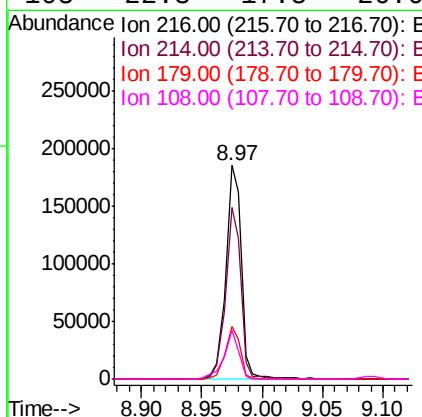
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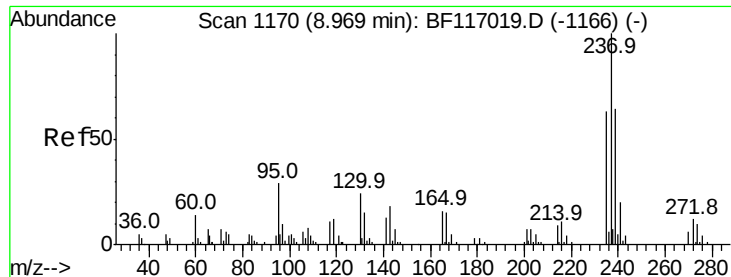
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.075 ng
RT: 8.97 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BF117277.D
Acq: 1 Oct 2019 15:21

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.6	95.4
179	23.4	18.3	27.5
108	22.3	17.8	26.6





#41

Hexachlorocyclopentadiene

Concen: 43.225 ng

RT: 8.96 min Scan# 1168

Delta R.T. -0.01 min

Lab File: BF117277.D

Acq: 1 Oct 2019 15:21

Instrument :

BNA_F

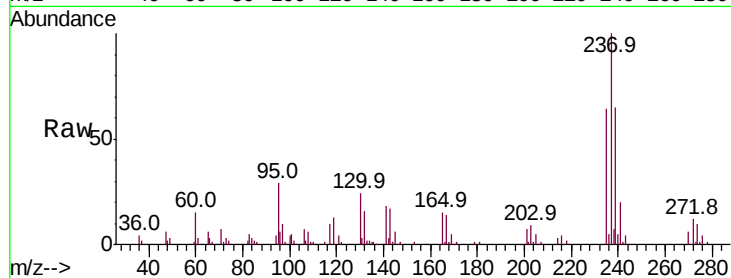
ClientSampleId :

SSTDCCC040

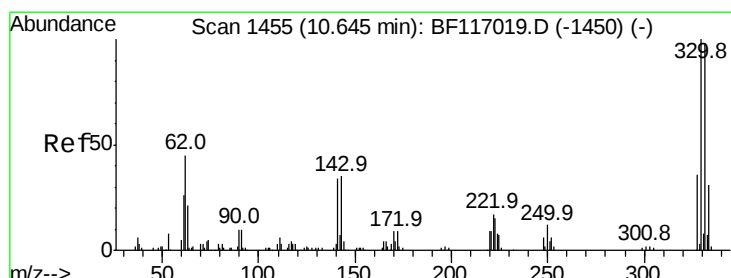
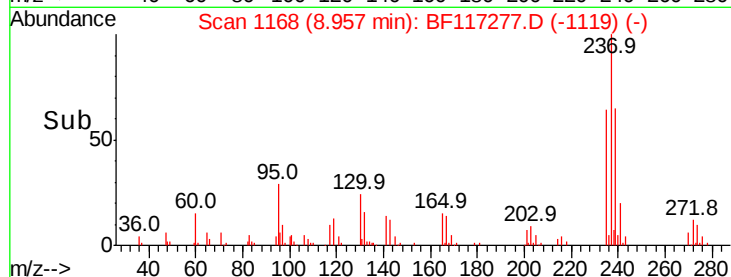
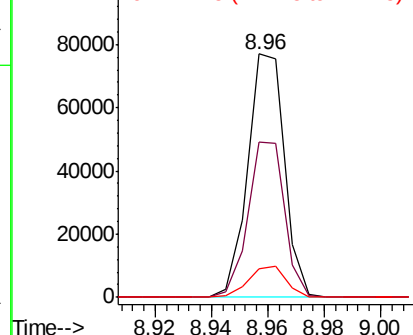
Tot Ion:	237	Resp:	69549
Ion Ratio	Lower	Upper	
237	100		
235	63.9	43.2	83.2
272	11.9	0.0	31.9

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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: 80.365 ng

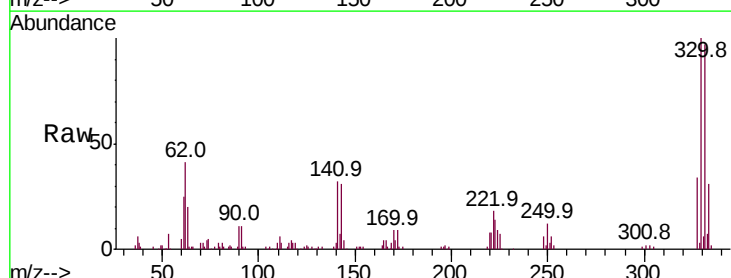
RT: 10.64 min Scan# 1455

Delta R.T. -0.00 min

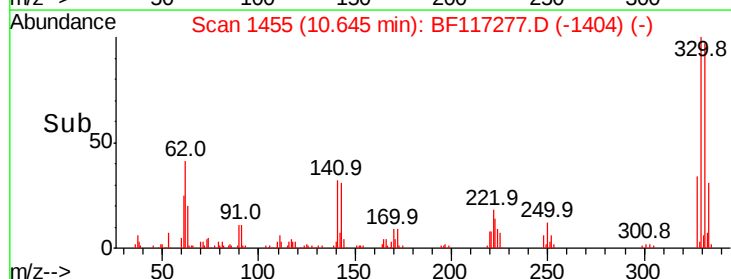
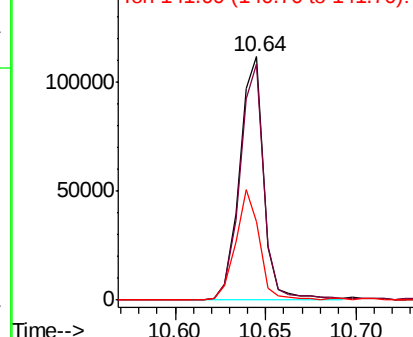
Lab File: BF117277.D

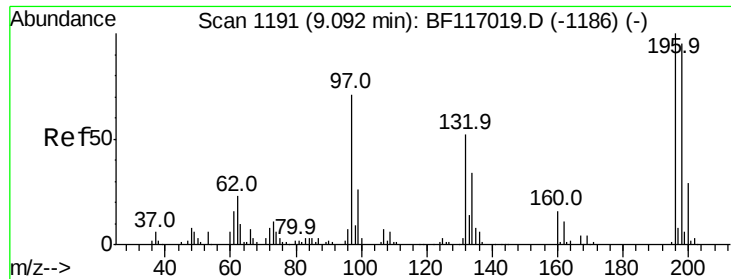
Acq: 1 Oct 2019 15:21

Tgt Ion:	330	Resp:	104335
Ion Ratio	Lower	Upper	
330	100		
332	98.0	78.0	117.0
141	44.8	35.8	53.6



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





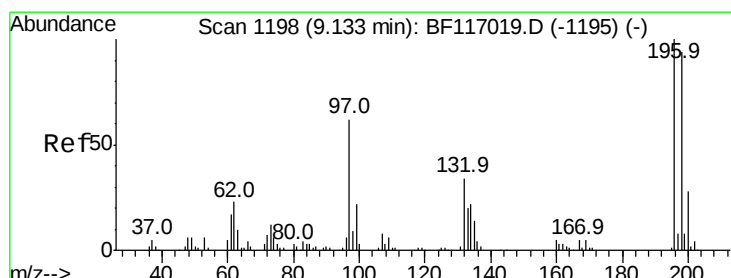
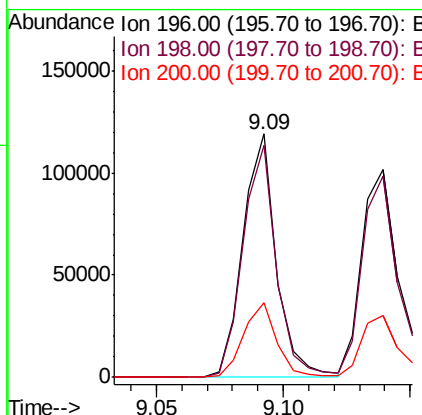
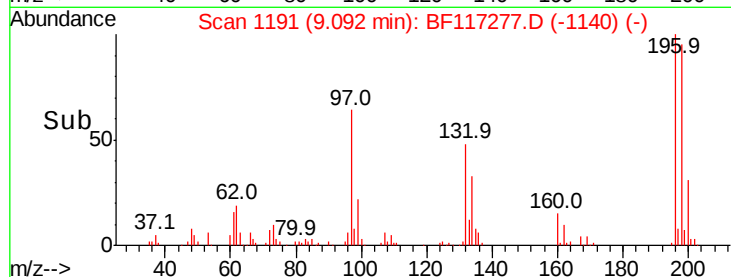
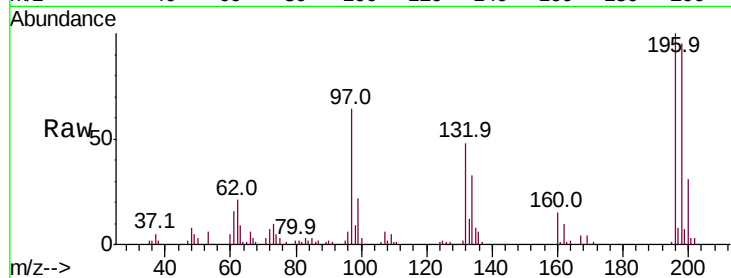
#43
 2,4,6-Trichlorophenol
 Concen: 40.204 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: BF117277.D
 Acq: 1 Oct 2019 15:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	196	Resp	109441
Ion Ratio	Lower	Upper	
196	100		
198	95.3	75.7	113.5
200	30.8	23.3	34.9

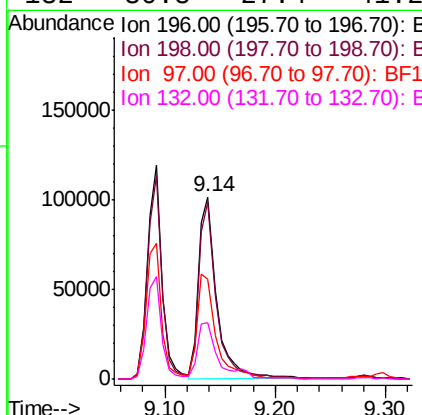
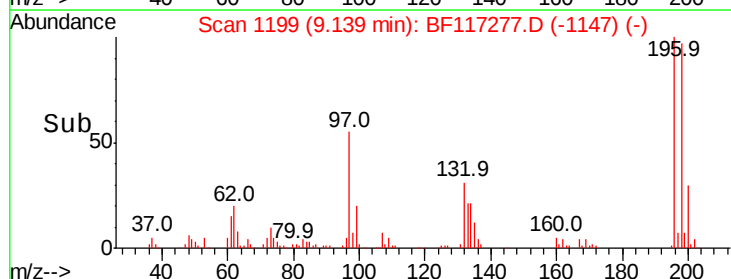
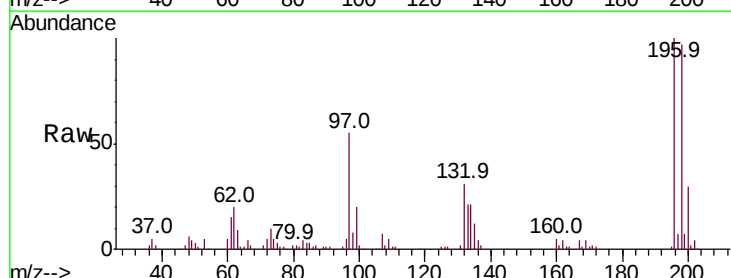
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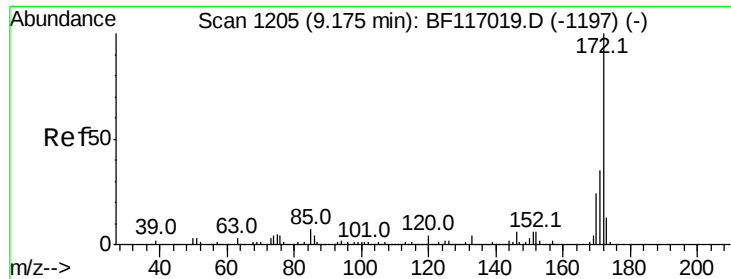
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 38.633 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF117277.D
 Acq: 1 Oct 2019 15:21

Tgt Ion	196	Resp	112359
Ion Ratio	Lower	Upper	
196	100		
198	96.8	74.6	112.0
97	55.1	49.5	74.3
132	30.8	27.4	41.2





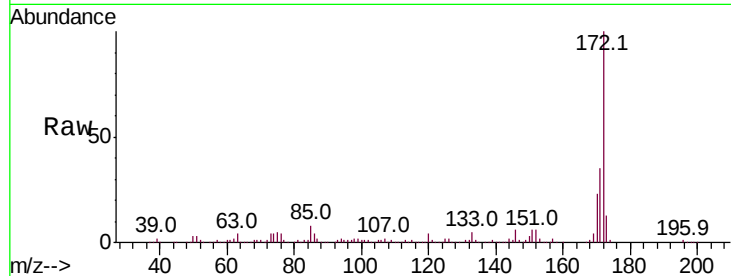
#45
2-Fluorobiphenyl
Concen: 86.074 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF117277.D
Acq: 1 Oct 2019 15:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
172	100	855124		
171	35.3		28.2	42.2
170	23.5		18.9	28.3

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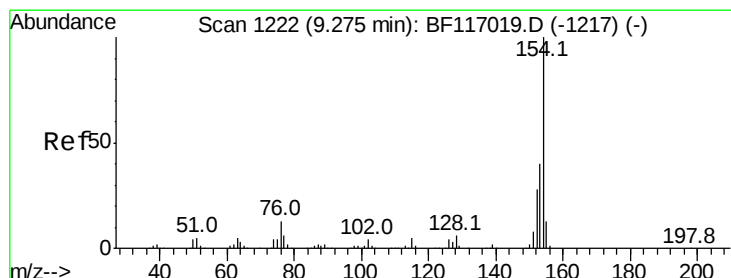
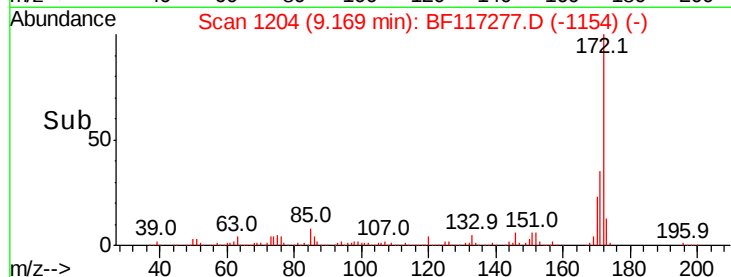
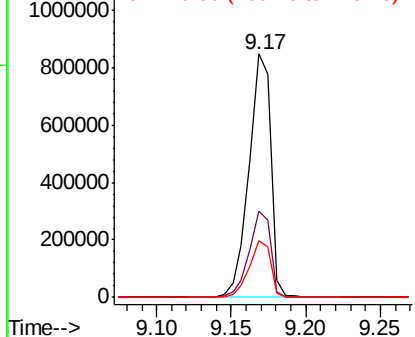


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 40.876 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.00 min
Lab File: BF117277.D
Acq: 1 Oct 2019 15:21

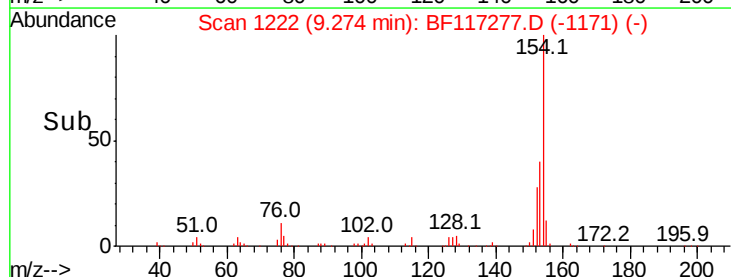
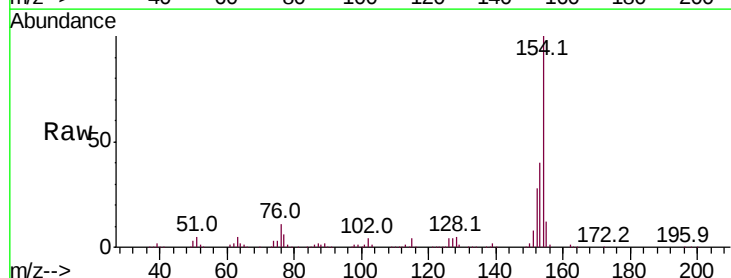
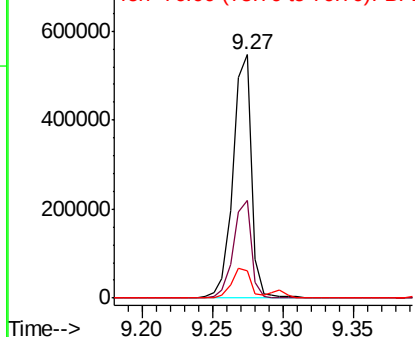
Tgt Ion	Ratio	Resp	Lower	Upper
154	100	498061		
153	40.3		20.0	60.0
76	11.5		0.0	32.7

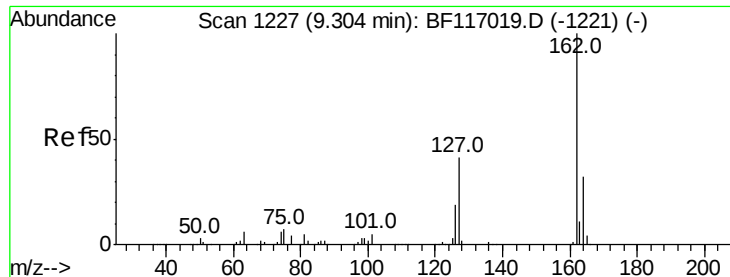
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





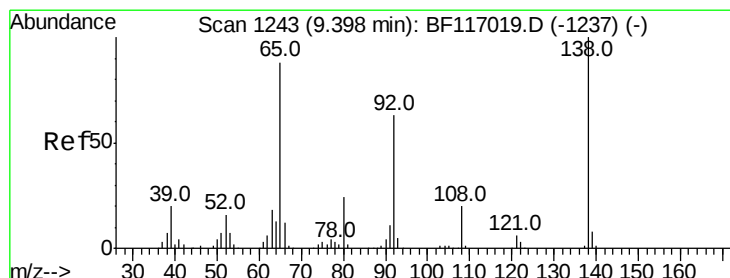
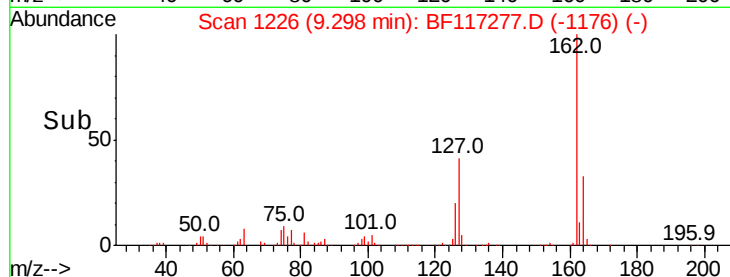
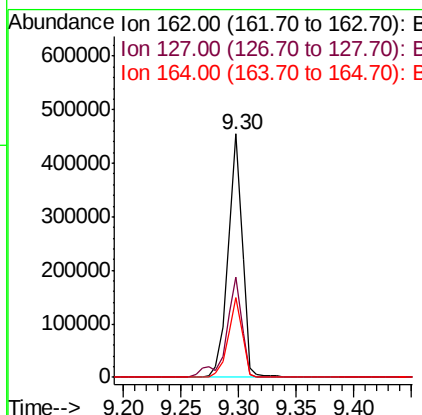
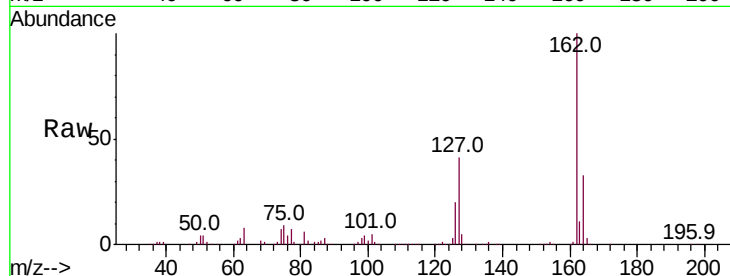
#47
2-Chloronaphthalene
Concen: 40.505 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF117277.D
Acq: 1 Oct 2019 15:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	41.2	34.1	51.1	
164	32.9	25.9	38.9	

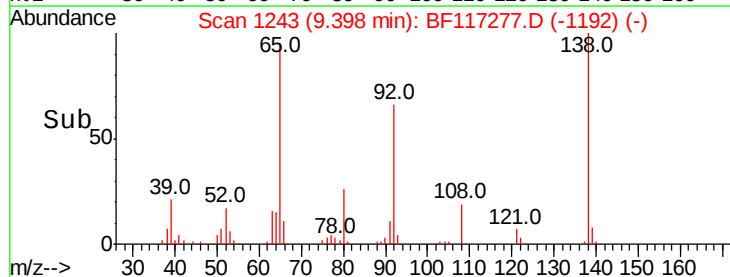
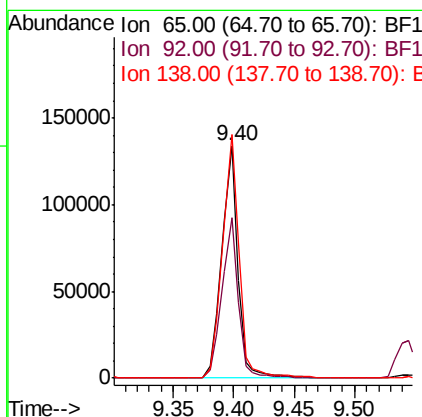
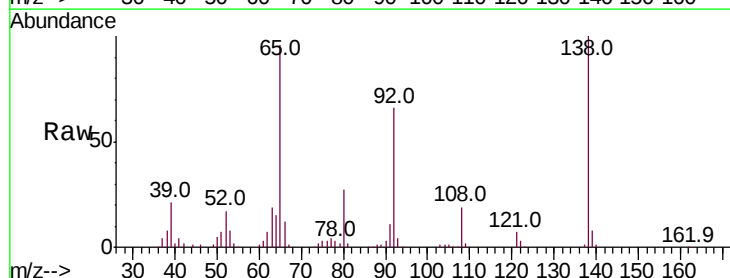
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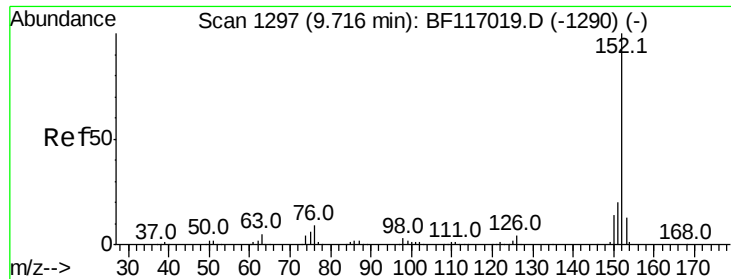
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#48
2-Nitroaniline
Concen: 40.507 ng
RT: 9.40 min Scan# 1243
Delta R.T. -0.00 min
Lab File: BF117277.D
Acq: 1 Oct 2019 15:21

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	69.2	57.5	86.3	
138	104.6	90.6	136.0	





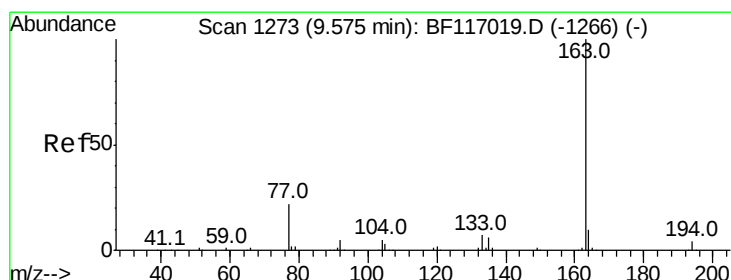
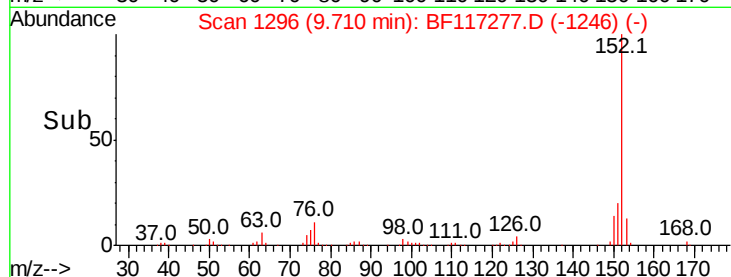
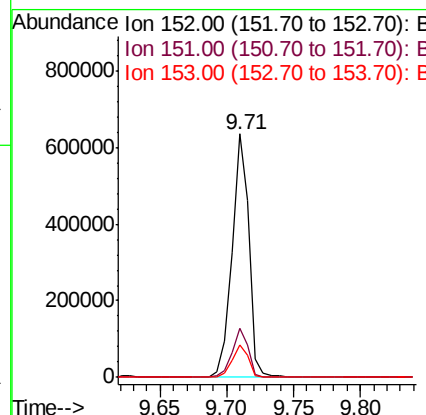
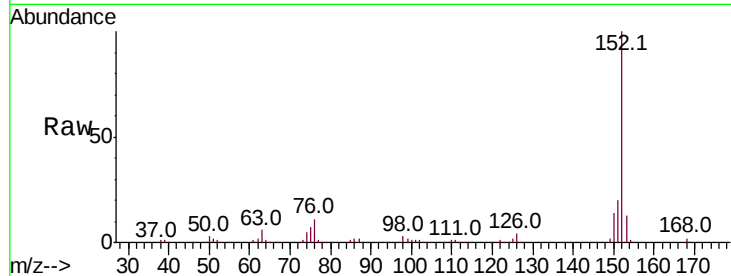
#49
Acenaphthylene
Concen: 39.433 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF117277.D
Acq: 1 Oct 2019 15:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
152	100			
151	20.0	16.2	24.2	
153	13.3	10.2	15.4	

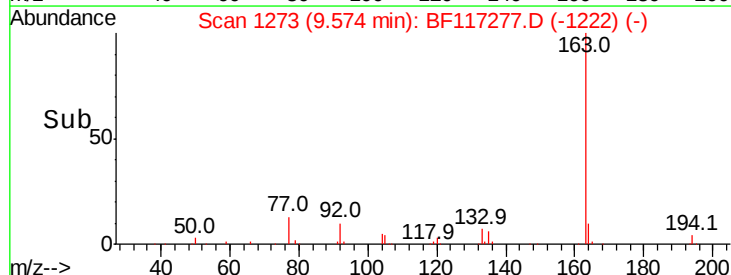
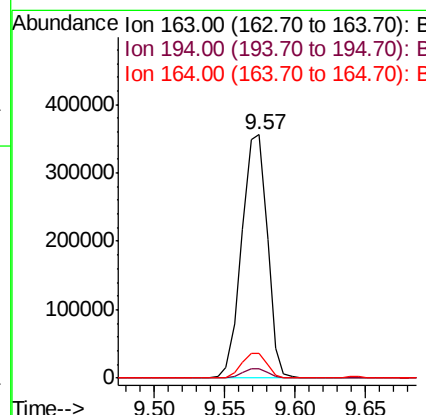
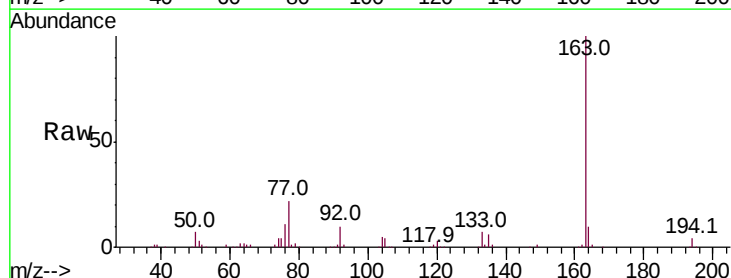
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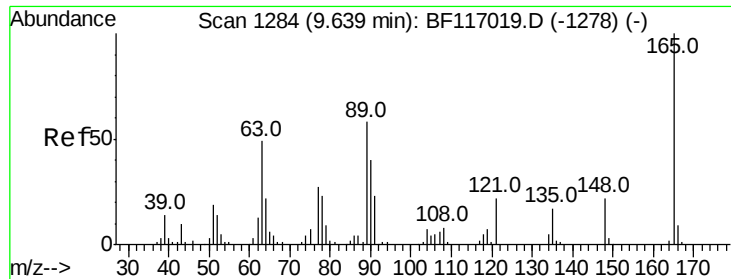
mohammad
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#50
Dimethylphthalate
Concen: 41.083 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.00 min
Lab File: BF117277.D
Acq: 1 Oct 2019 15:21

Tgt Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.6	2.9	4.3	
164	9.9	8.2	12.4	





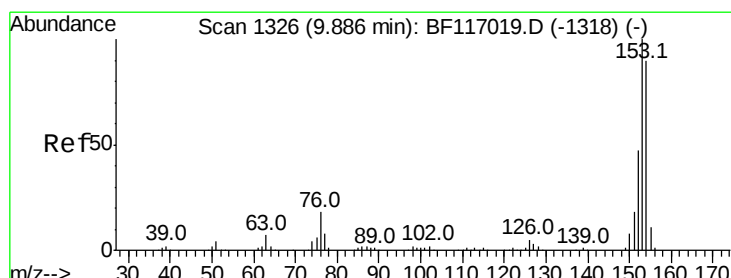
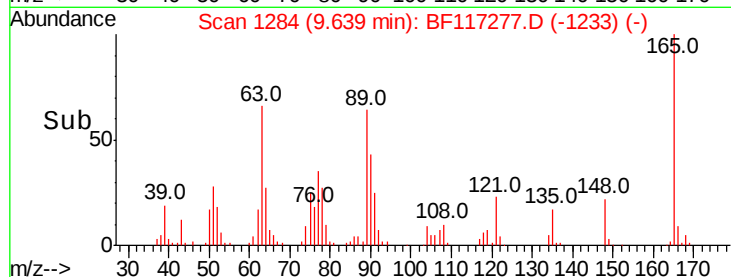
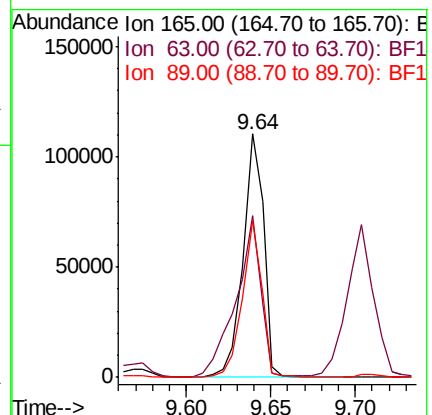
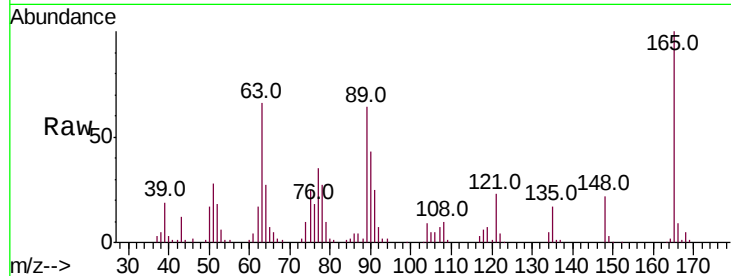
#51
2,6-Dinitrotoluene
Concen: 41.741 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BF117277.D
Acq: 1 Oct 2019 15:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	66.4	41.8	62.8#
89	64.2	46.5	69.7

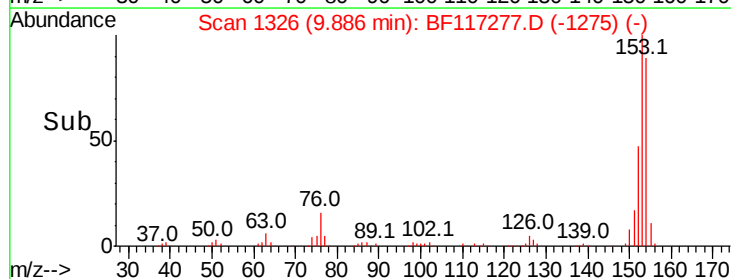
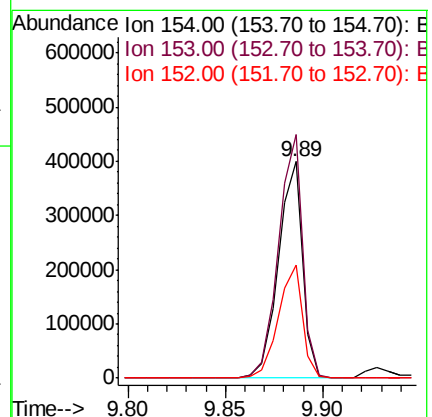
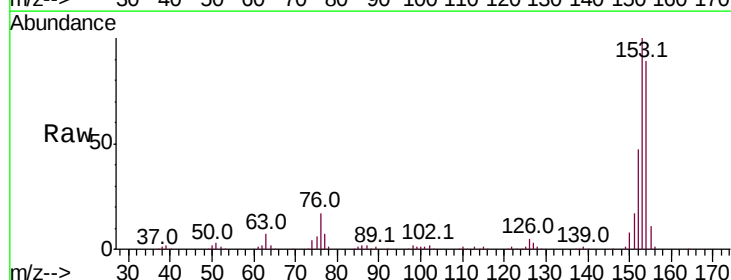
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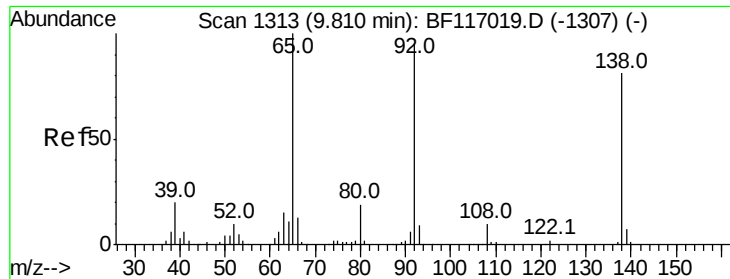
mohammad
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#52
Acenaphthene
Concen: 40.229 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BF117277.D
Acq: 1 Oct 2019 15:21

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.6	89.0	133.6
152	52.5	41.9	62.9





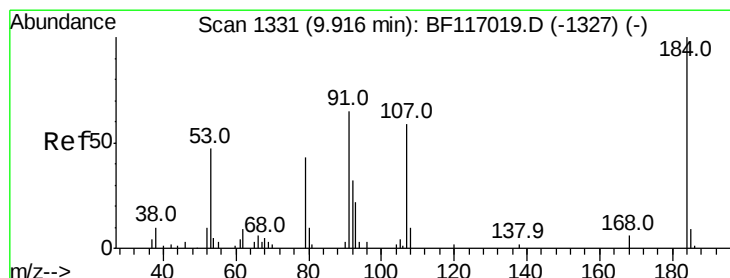
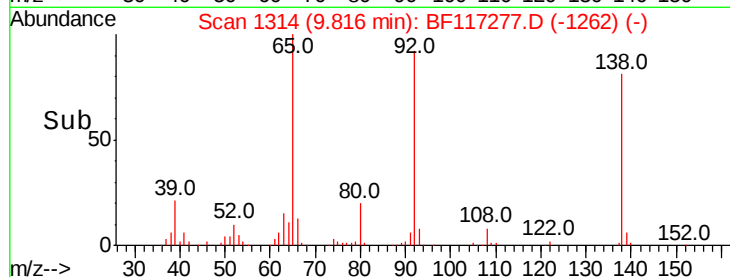
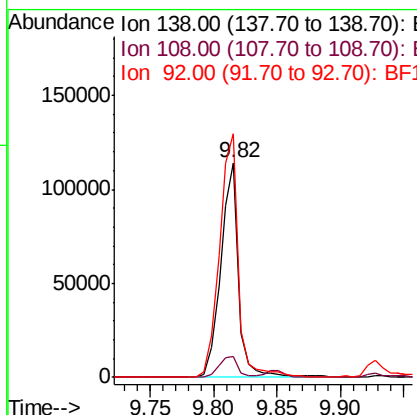
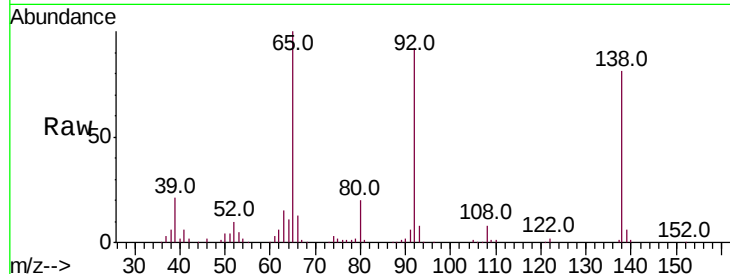
#53
 3-Nitroaniline
 Concen: 39.437 ng
 RT: 9.82 min Scan# 1314
 Delta R.T. 0.01 min
 Lab File: BF117277.D
 Acq: 1 Oct 2019 15:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	138	Resp:	111461
Ion Ratio	Lower	Upper	
138	100		
108	9.7	9.5	14.3
92	113.6	94.1	141.1

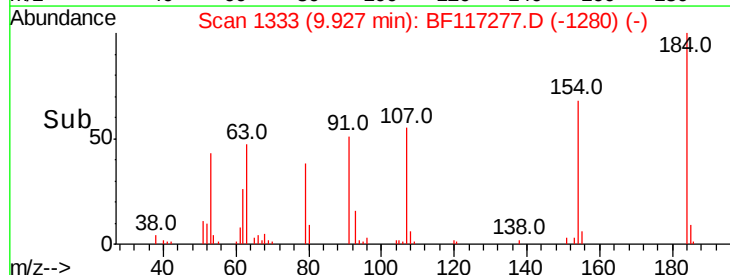
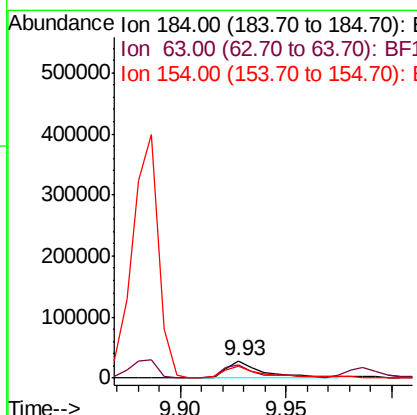
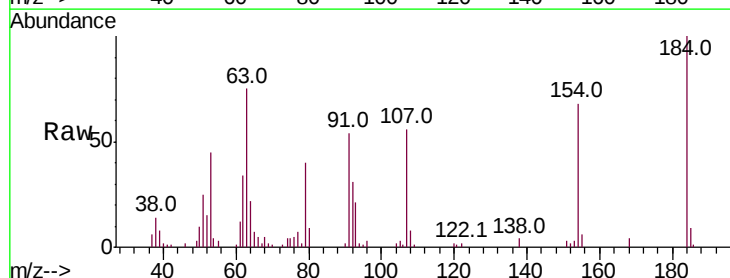
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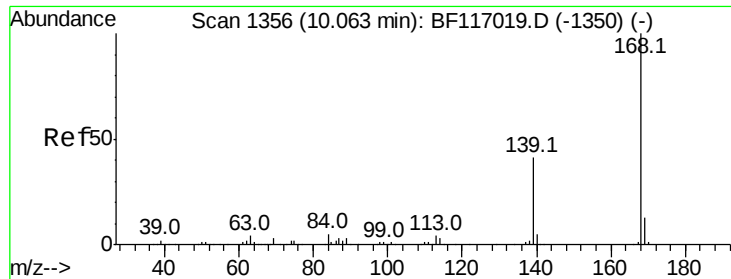
mohammad
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#54
 2,4-Dinitrophenol
 Concen: 40.727 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. 0.01 min
 Lab File: BF117277.D
 Acq: 1 Oct 2019 15:21

Tgt Ion:	184	Resp:	34477
Ion Ratio	Lower	Upper	
184	100		
63	75.3	63.8	95.6
154	67.9	60.4	90.6





#55

Dibenzofuran

Concen: 40.640 ng

RT: 10.06 min Scan# 1355

Delta R.T. -0.01 min

Lab File: BF117277.D

Acq: 1 Oct 2019 15:21

Instrument :

BNA_F

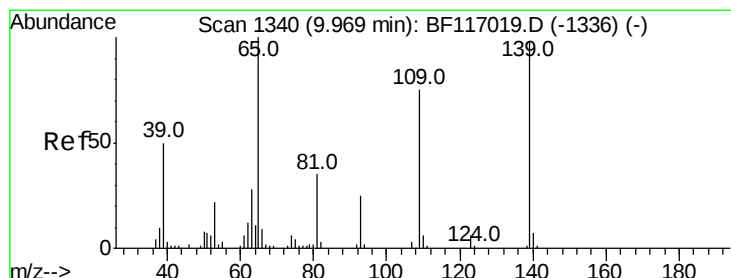
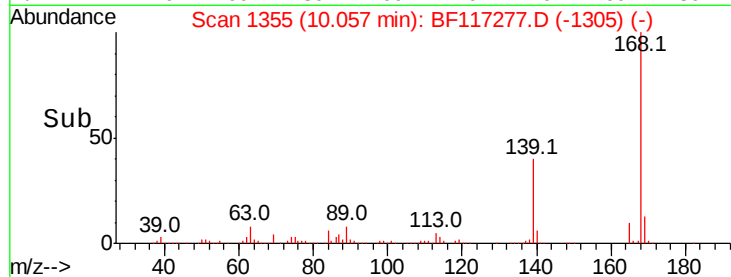
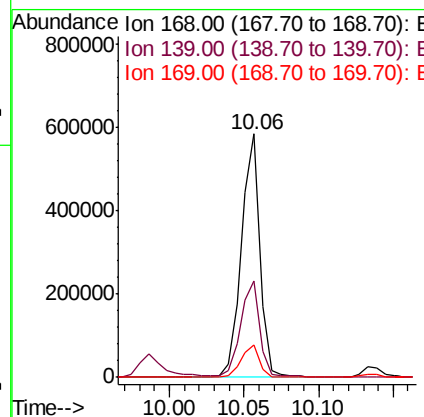
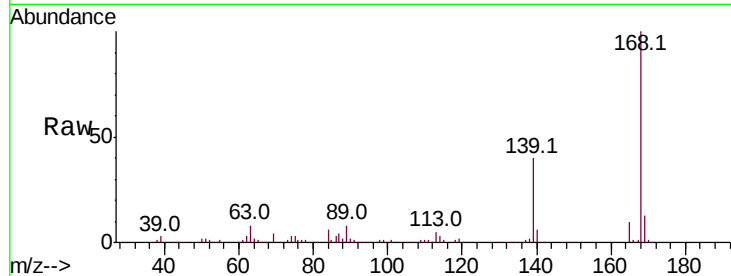
ClientSampleId :

SSTDCCC040

Tot Ion:	168	Resp:	512045
Ion Ratio	Lower	Upper	
168	100		
139	39.6	32.8	49.2
169	13.1	10.5	15.7

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#56

4-Nitrophenol

Concen: 35.219 ng

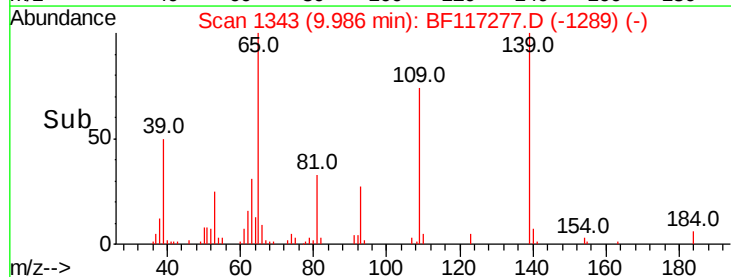
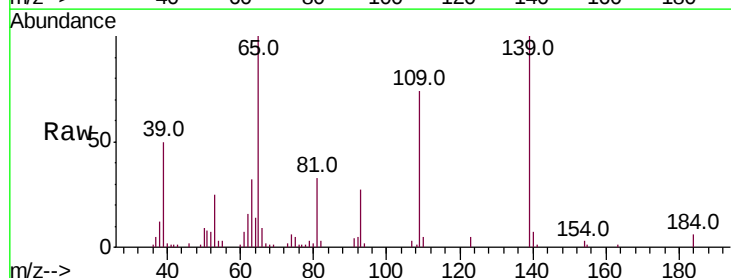
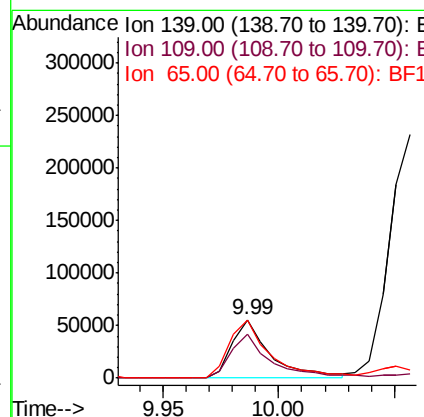
RT: 9.99 min Scan# 1343

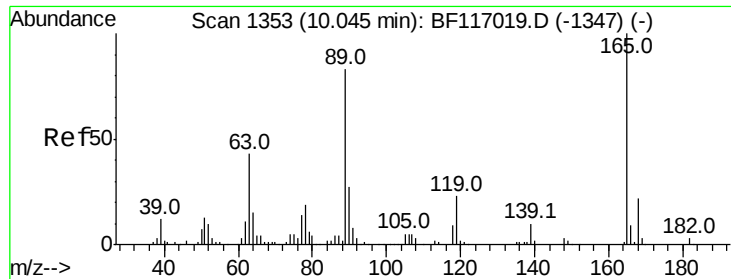
Delta R.T. 0.02 min

Lab File: BF117277.D

Acq: 1 Oct 2019 15:21

Tgt Ion:	139	Resp:	64512
Ion Ratio	Lower	Upper	
139	100		
109	74.3	56.4	96.4
65	99.8	82.5	122.5





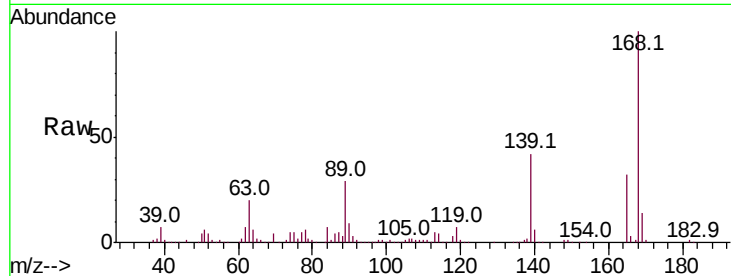
#57
2,4-Dinitrotoluene
Concen: 42.526 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.01 min
Lab File: BF117277.D
Acq: 1 Oct 2019 15:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

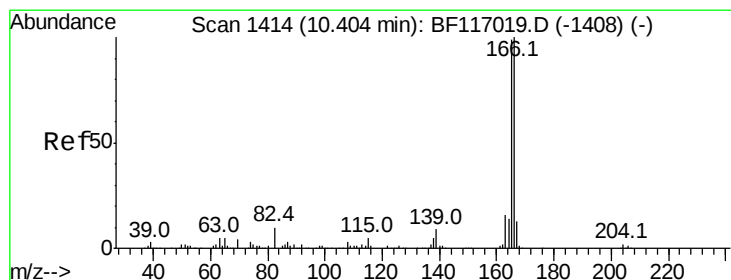
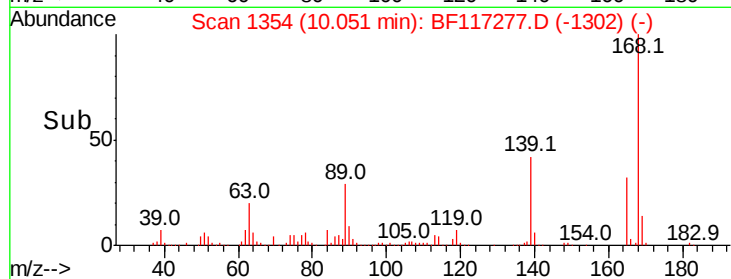
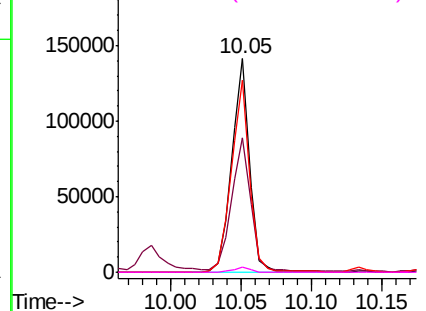
Tot Ion	Ratio	Lower	Upper
165	100		
63	62.7	35.0	52.4#
89	89.7	66.1	99.1
182	2.2	2.0	3.0

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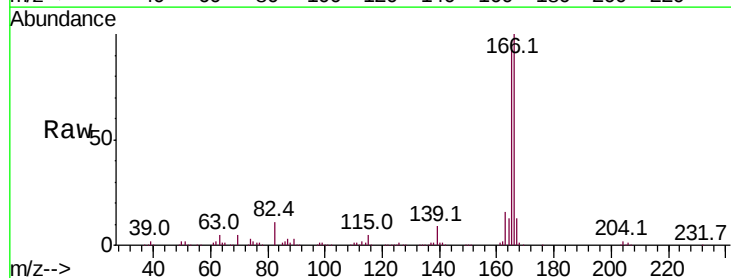


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

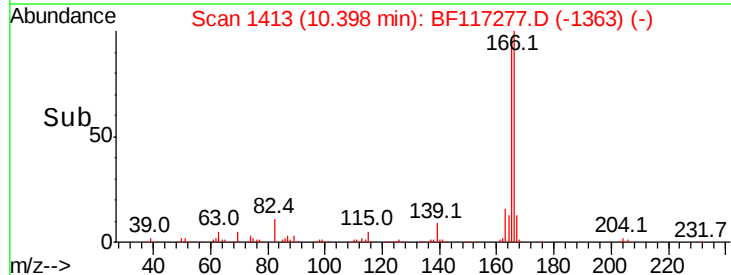
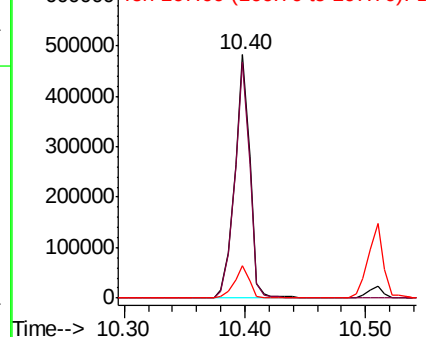


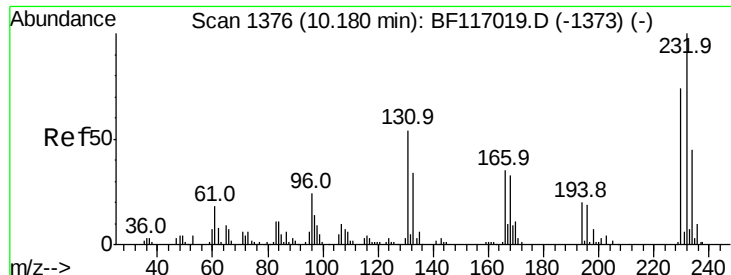
#58
Fluorene
Concen: 41.312 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BF117277.D
Acq: 1 Oct 2019 15:21

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.7	78.9	118.3
167	13.1	10.6	15.8



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 39.999 ng

RT: 10.18 min Scan# 1376

Delta R.T. -0.00 min

Lab File: BF117277.D

Acq: 1 Oct 2019 15:21

Instrument :

BNA_F

ClientSampled :

SSTDCCC040

Tot Ion:232 Resp: 89023

Ion Ratio Lower Upper

232 100

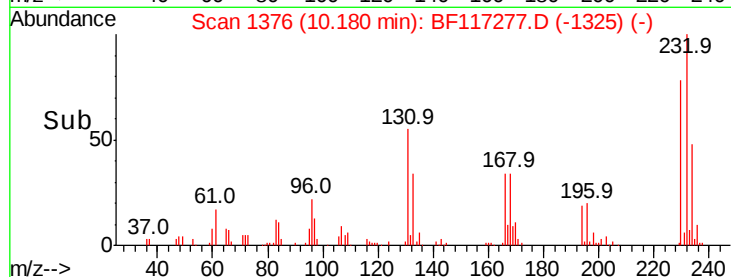
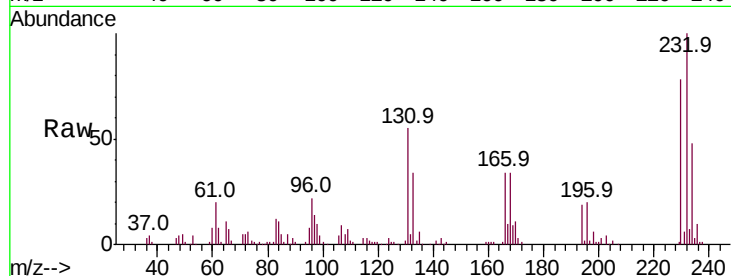
131 58.2 45.3 67.9

130 2.7 1.8 2.8

166 35.3 29.4 44.2

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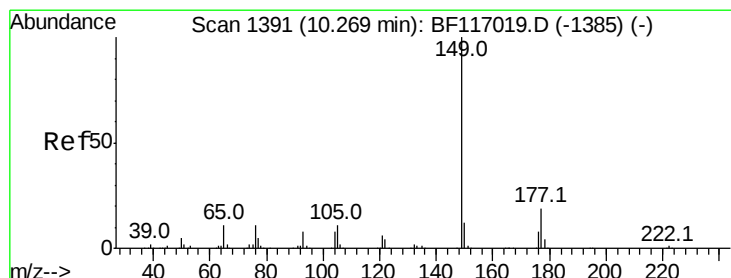
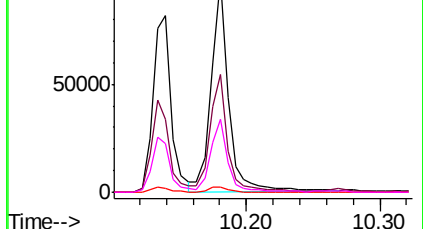


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 42.279 ng

RT: 10.27 min Scan# 1391

Delta R.T. -0.00 min

Lab File: BF117277.D

Acq: 1 Oct 2019 15:21

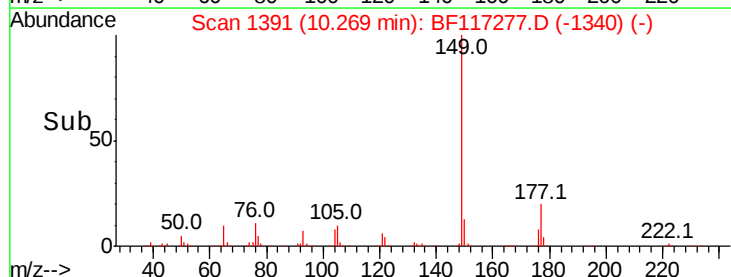
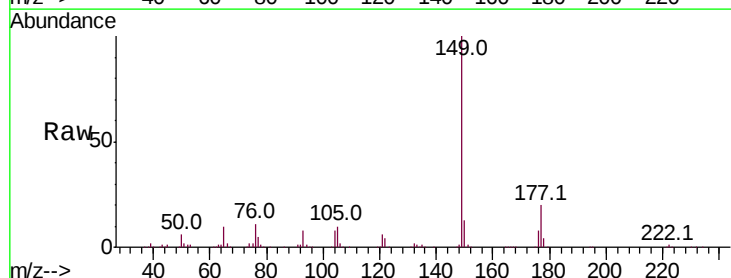
Tgt Ion:149 Resp: 457496

Ion Ratio Lower Upper

149 100

177 20.1 15.2 22.8

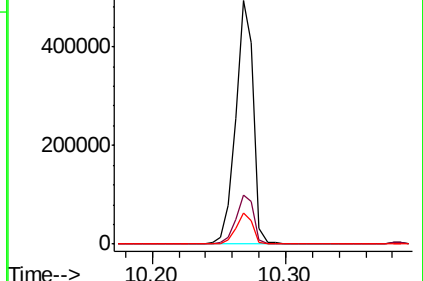
150 12.7 9.9 14.9

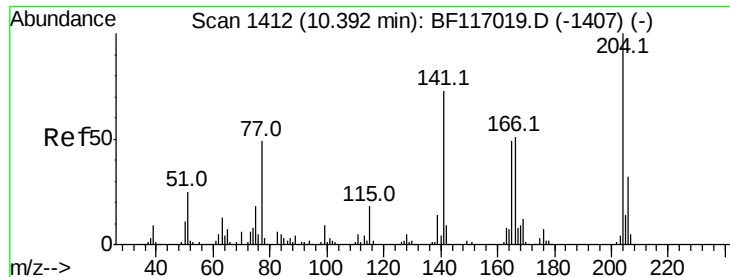


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





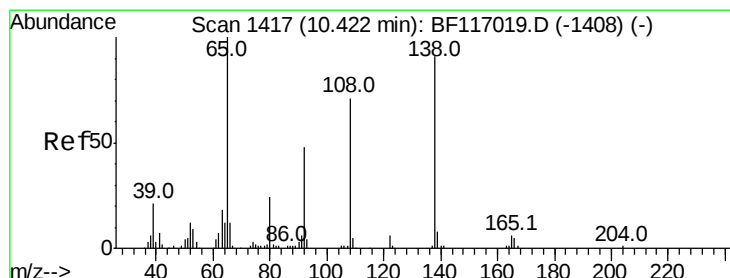
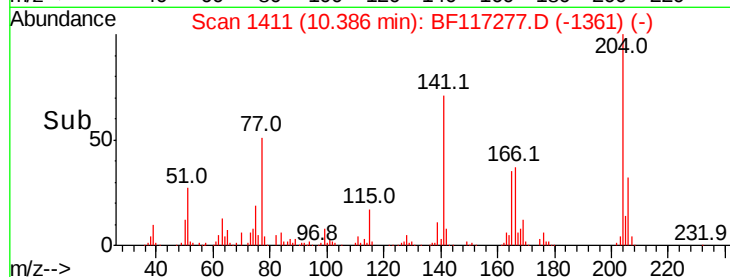
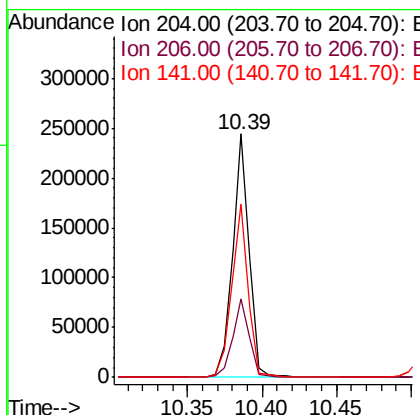
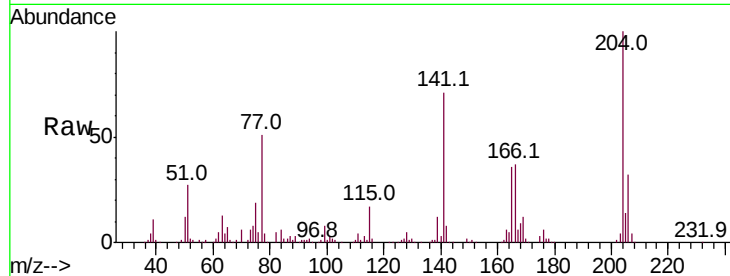
#61
4-Chlorophenyl-phenylether
Concen: 43.712 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF117277.D
Acq: 1 Oct 2019 15:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.4	26.0	39.0
141	71.2	58.2	87.2

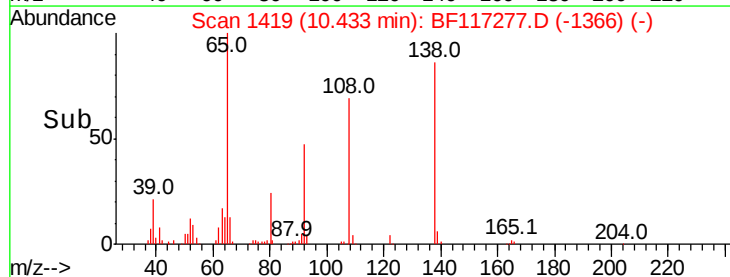
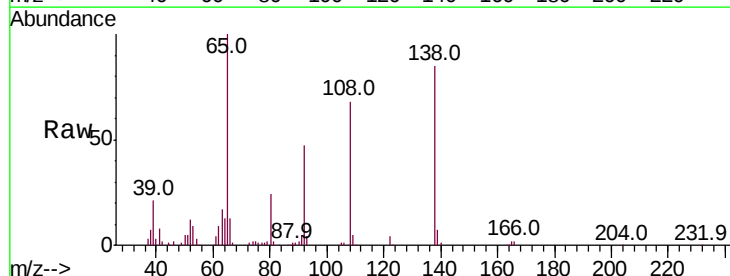
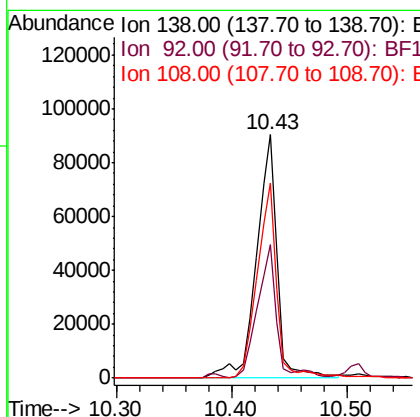
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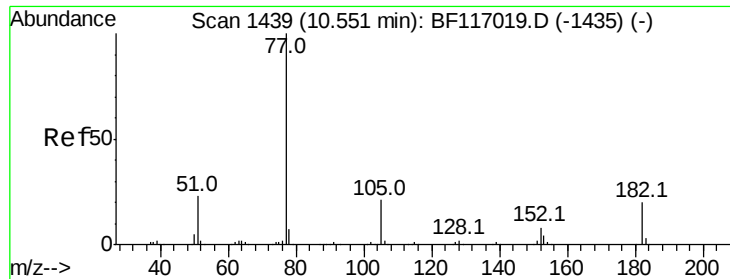
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#62
4-Nitroaniline
Concen: 38.628 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.01 min
Lab File: BF117277.D
Acq: 1 Oct 2019 15:21

Tgt Ion	Ratio	Lower	Upper
138	100		
92	55.1	32.9	72.9
108	80.1	58.3	98.3





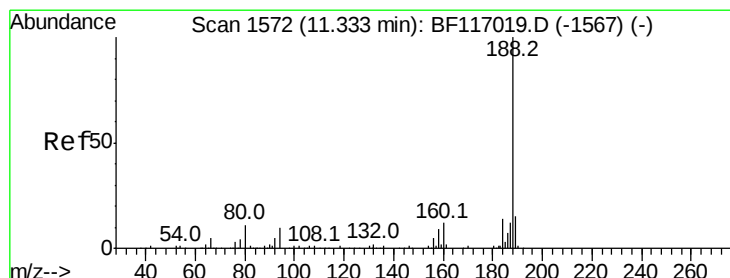
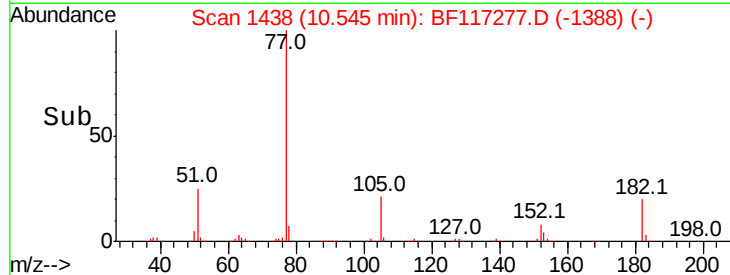
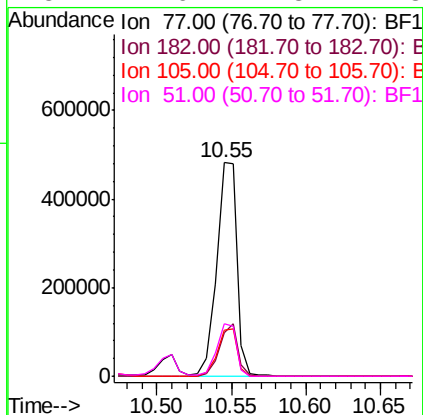
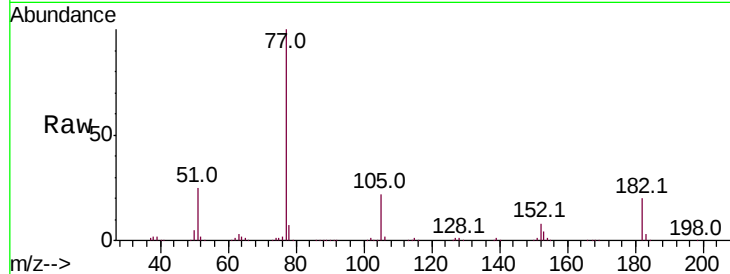
#63
Azobenzene
Concen: 41.434 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF117277.D
Acq: 1 Oct 2019 15:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		457912		
182	20.4	0.4	40.4		
105	21.8	0.9	40.9		
51	24.6	2.8	42.8		

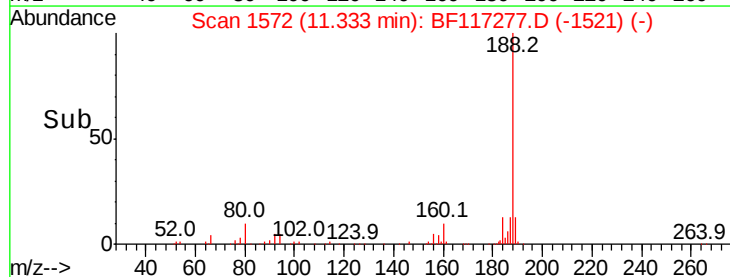
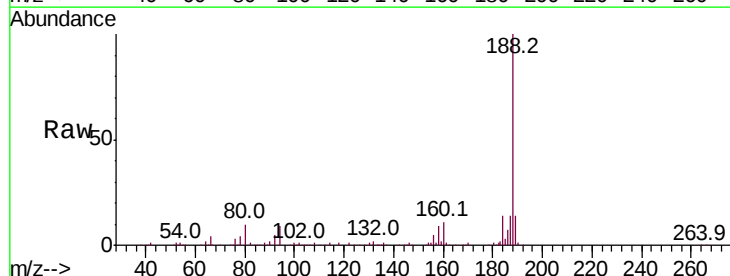
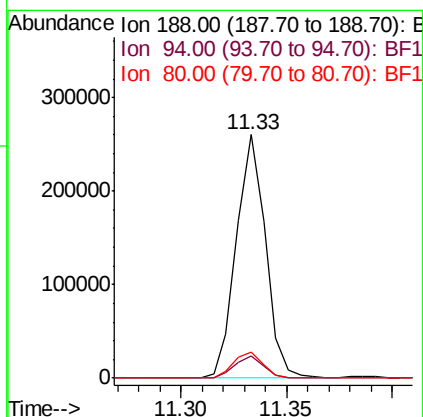
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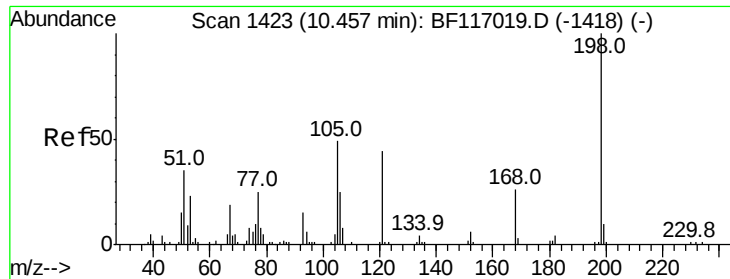
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF117277.D
Acq: 1 Oct 2019 15:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		249651		
94	9.2	8.2	12.2		
80	10.4	9.0	13.6		





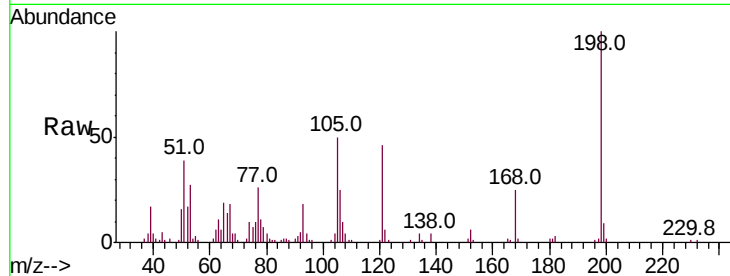
#65
4,6-Dinitro-2-methylphenol
Concen: 44.699 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BF117277.D
Acq: 1 Oct 2019 15:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

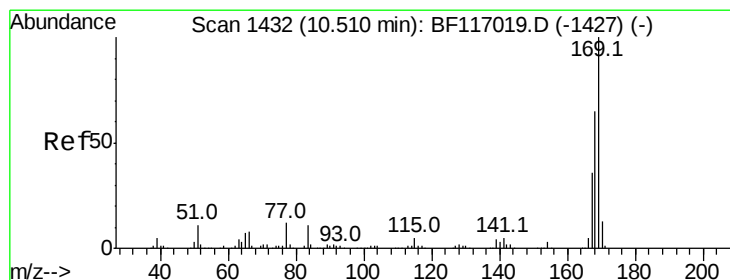
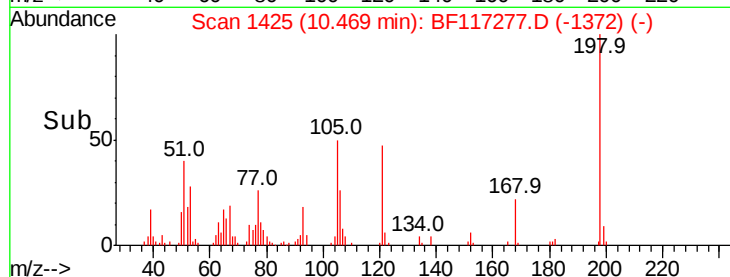
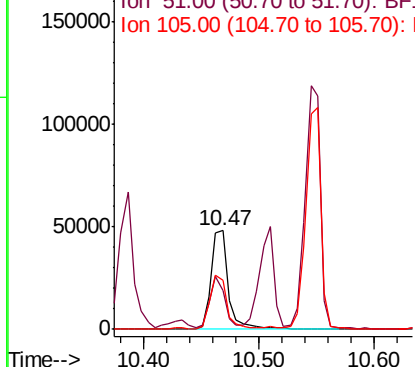
Tot Ion	Ratio	Lower	Upper
198	100		
51	39.5	18.7	58.7
105	49.7	30.2	70.2

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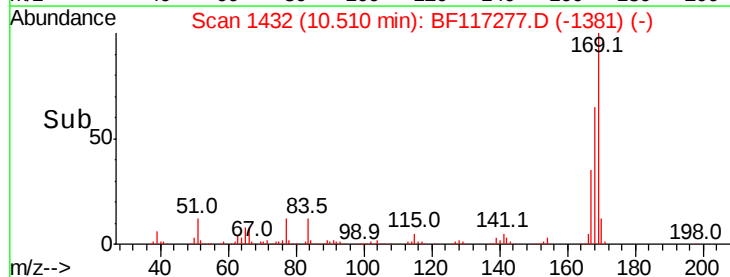
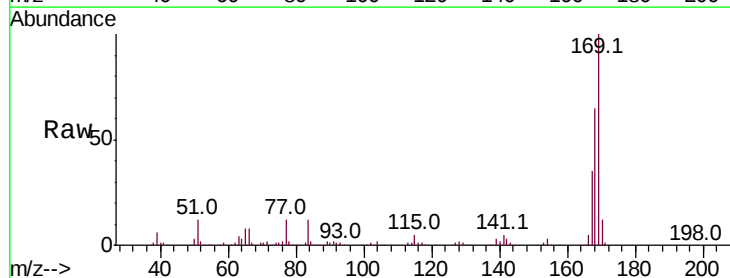
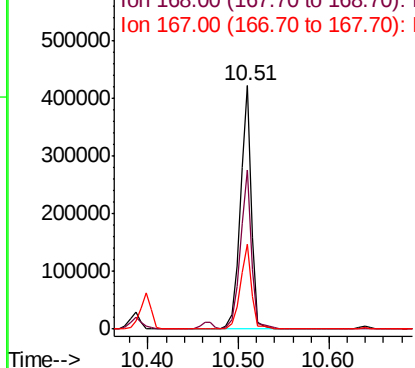
Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

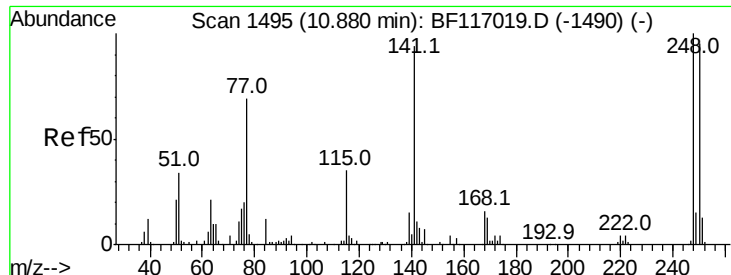


#66
n-Nitrosodiphenylamine
Concen: 42.065 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.00 min
Lab File: BF117277.D
Acq: 1 Oct 2019 15:21

Tgt Ion	Ratio	Lower	Upper
169	100		
168	65.3	52.2	78.2
167	35.1	28.8	43.2

Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 43.024 ng

RT: 10.87 min Scan# 1494

Delta R.T. -0.01 min

Lab File: BF117277.D

Acq: 1 Oct 2019 15:21

Instrument :

BNA_F

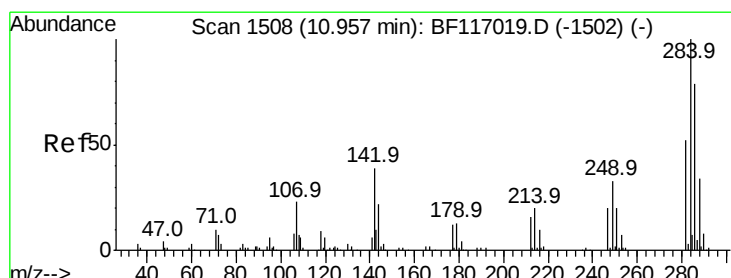
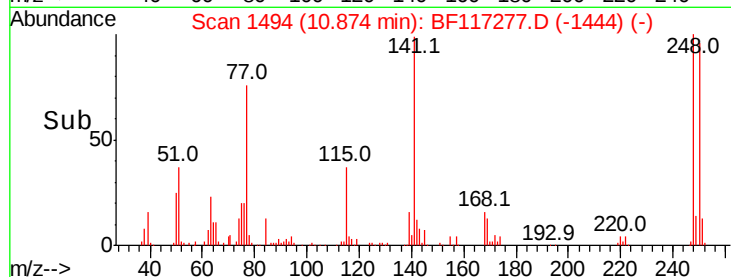
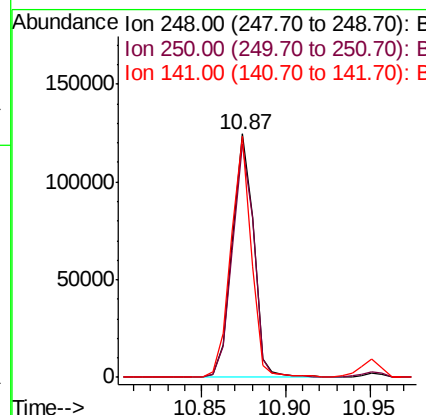
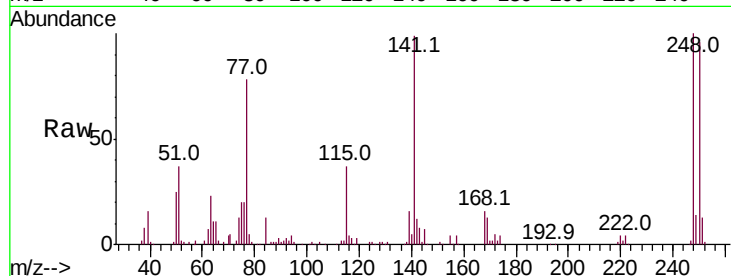
ClientSampleId :

SSTDCCC040

Tot Ion:	248	Resp:	109692
Ion Ratio	Lower	Upper	
248	100		
250	95.9	76.2	114.4
141	98.9	75.0	112.4

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#68

Hexachlorobenzene

Concen: 41.429 ng

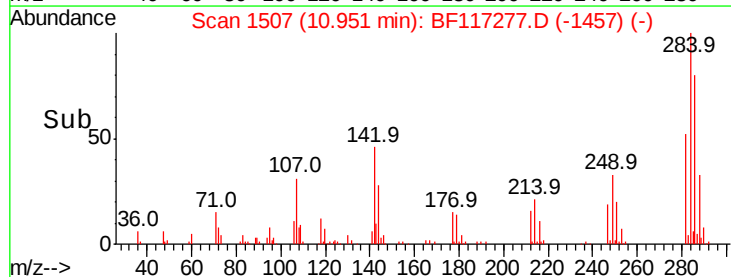
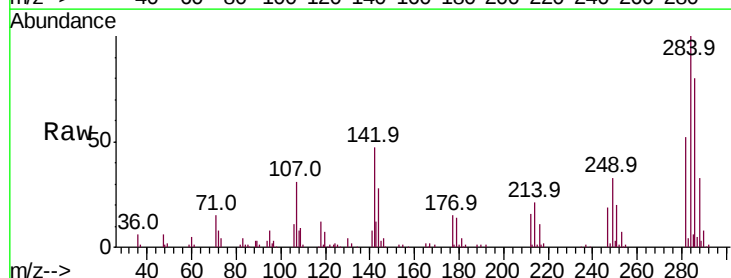
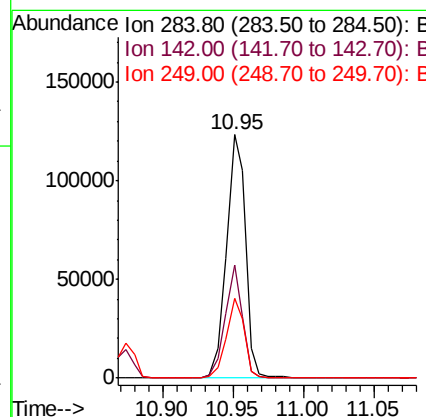
RT: 10.95 min Scan# 1507

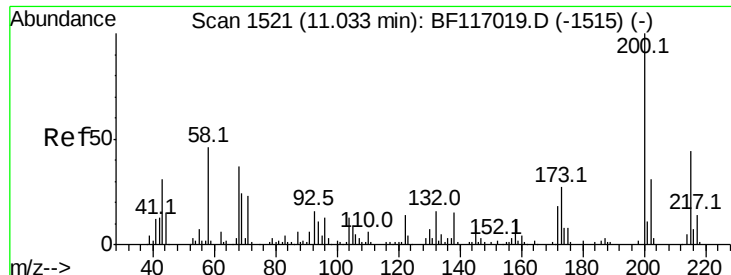
Delta R.T. -0.01 min

Lab File: BF117277.D

Acq: 1 Oct 2019 15:21

Tgt Ion:	284	Resp:	115528
Ion Ratio	Lower	Upper	
284	100		
142	46.5	31.4	47.2
249	32.5	26.5	39.7





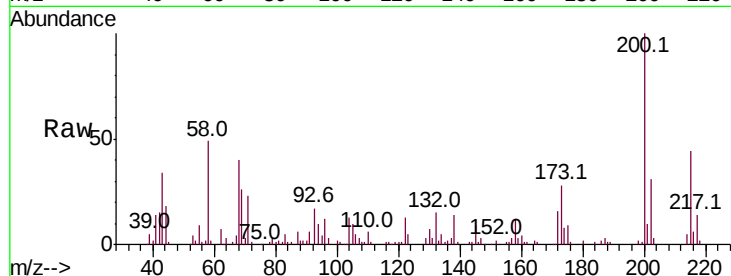
#69
Atrazine
Concen: 44.191 ng
RT: 11.03 min Scan# 1521
Delta R.T. 0.00 min
Lab File: BF117277.D
Acq: 1 Oct 2019 15:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.7	6.9	46.9
215	43.8	23.8	63.8

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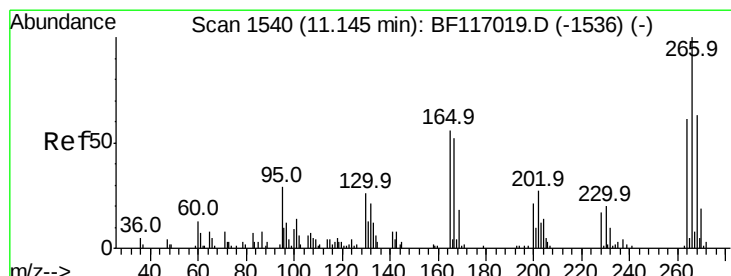
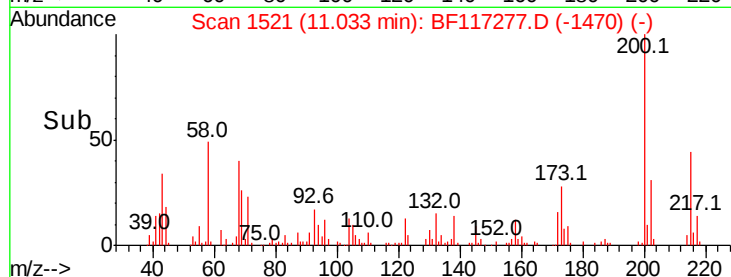
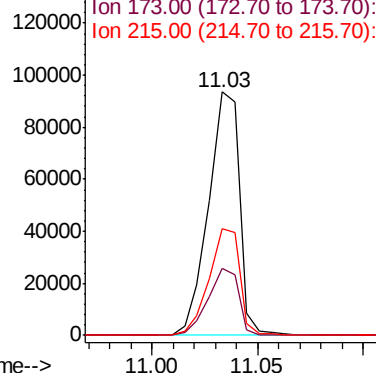


Abundance

Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 41.938 ng
RT: 11.15 min Scan# 1541
Delta R.T. 0.01 min
Lab File: BF117277.D
Acq: 1 Oct 2019 15:21

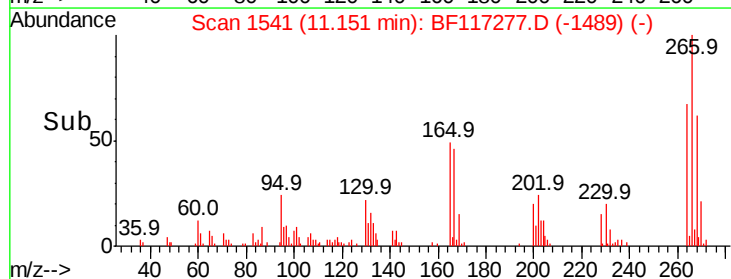
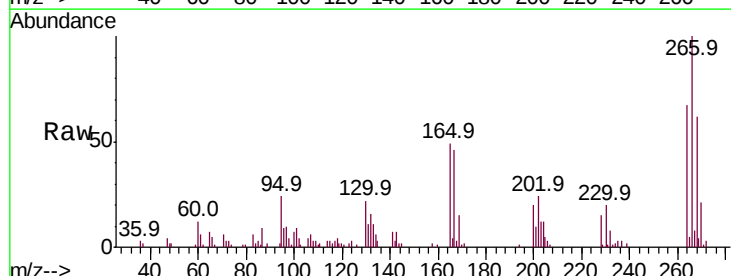
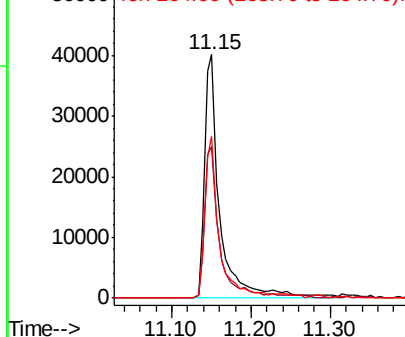
Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.2	50.5	75.7
264	66.5	48.8	73.2

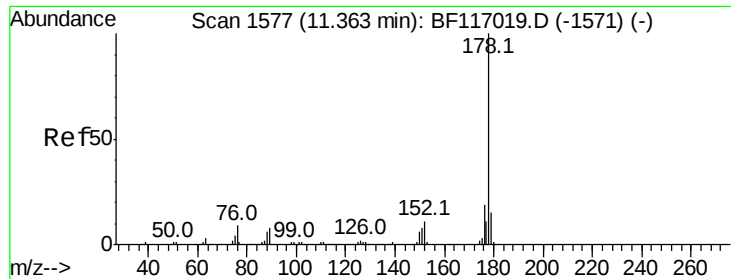
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





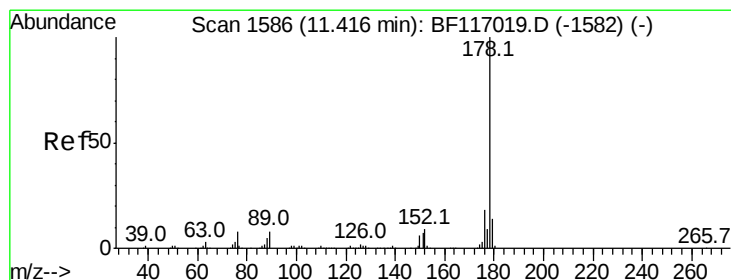
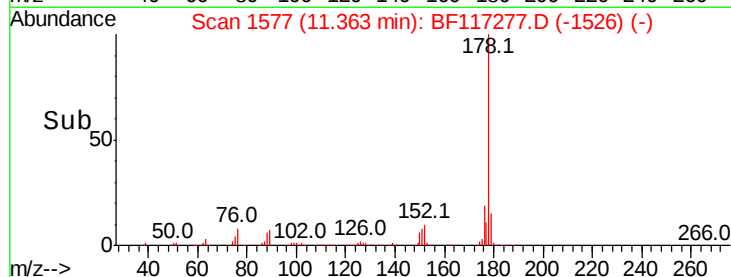
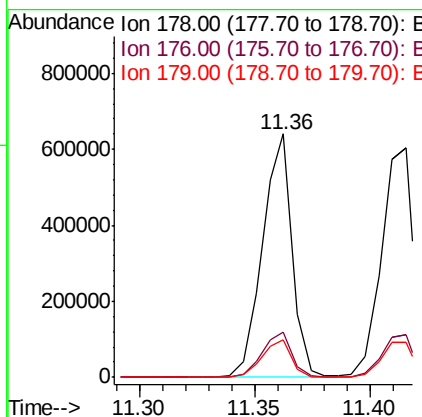
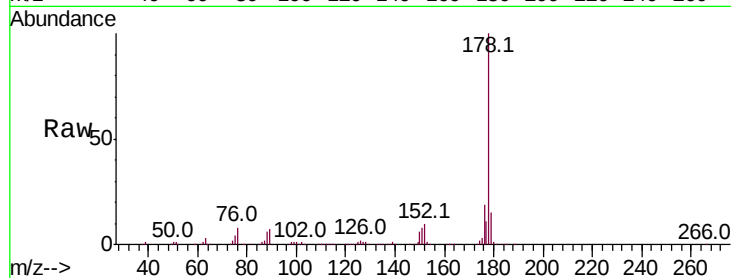
#71
Phenanthrene
Concen: 40.326 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.00 min
Lab File: BF117277.D
Acq: 1 Oct 2019 15:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.2
179	15.2	12.4	18.6

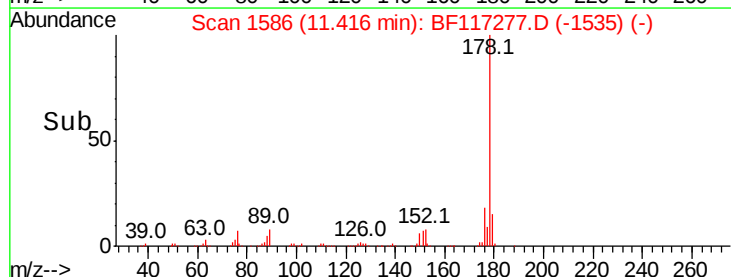
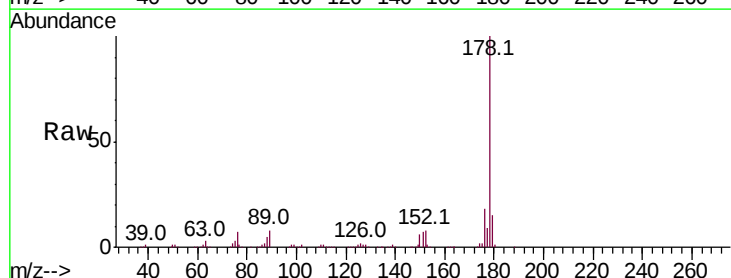
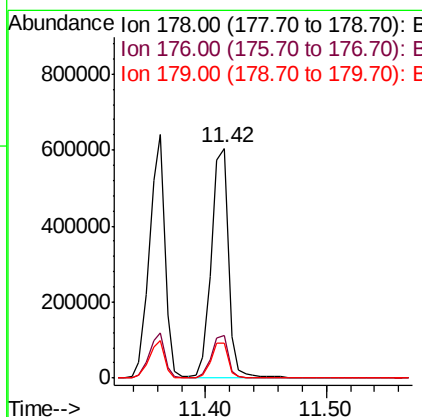
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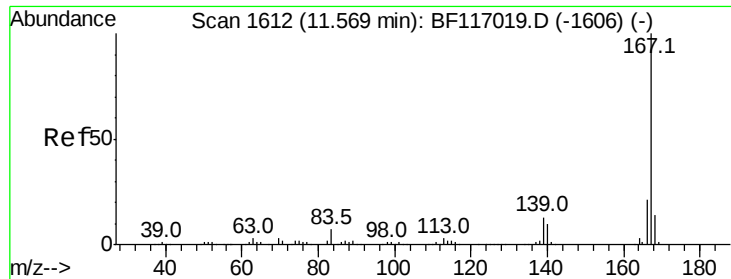
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#72
Anthracene
Concen: 40.783 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF117277.D
Acq: 1 Oct 2019 15:21

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.6	21.8
179	15.3	11.6	17.4





#73

Carbazole

Concen: 39.253 ng

RT: 11.57 min Scan# 1612

Delta R.T. -0.00 min

Lab File: BF117277.D

Acq: 1 Oct 2019 15:21

Instrument :

BNA_F

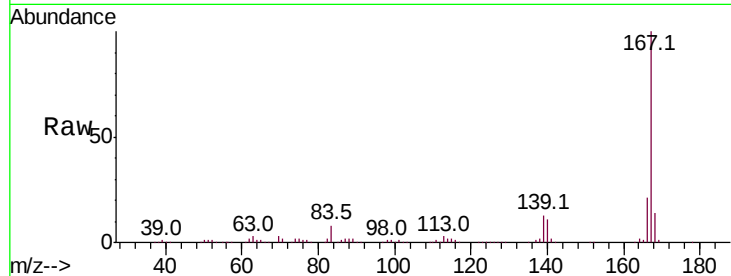
ClientSampleId :

SSTDCCC040

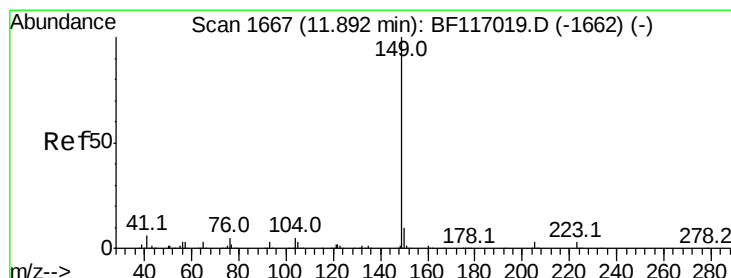
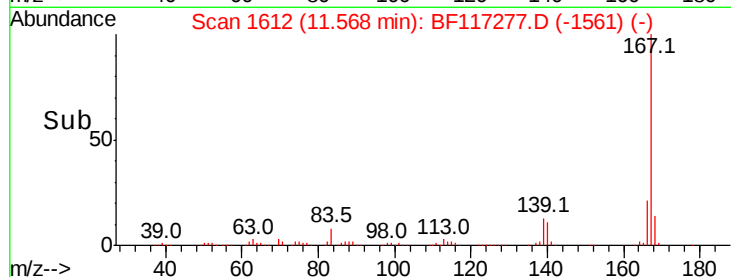
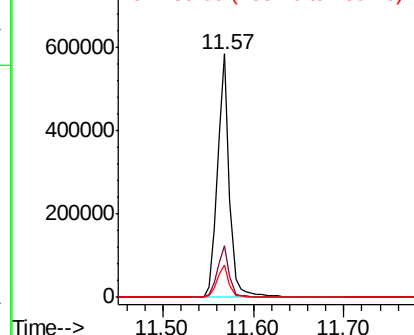
Tot Ion:	167	Resp:	539388
Ion Ratio	Lower	Upper	
167	100		
166	21.3	17.2	25.8
139	13.1	10.6	16.0

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Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 44.387 ng

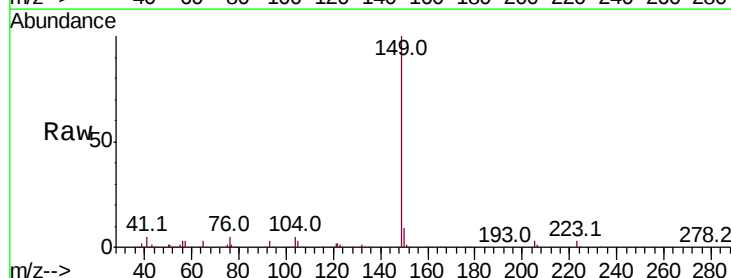
RT: 11.89 min Scan# 1667

Delta R.T. -0.00 min

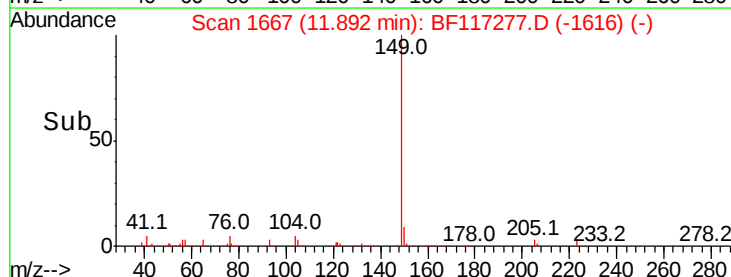
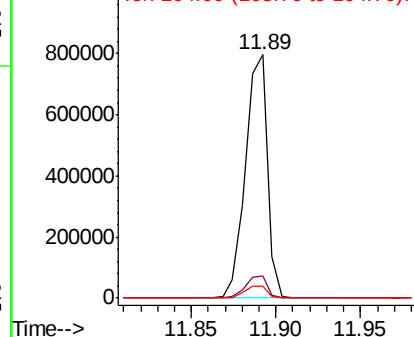
Lab File: BF117277.D

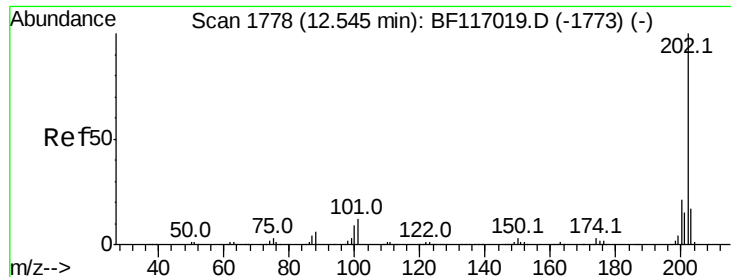
Acq: 1 Oct 2019 15:21

Tgt Ion:	149	Resp:	725689
Ion Ratio	Lower	Upper	
149	100		
150	9.3	7.7	11.5
104	5.0	4.2	6.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 38.609 ng

RT: 12.55 min Scan# 1779

Delta R.T. 0.01 min

Lab File: BF117277.D

Acq: 1 Oct 2019 15:21

Instrument :

BNA_F

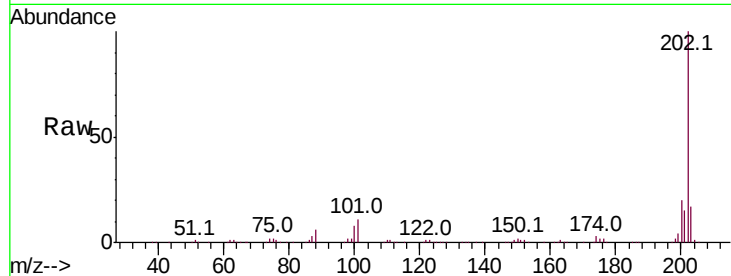
ClientSampleId :

SSTDCCC040

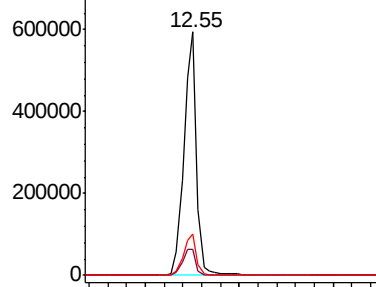
Tot Ion	Ratio	Resp	Lower	Upper
202	100	562538		
101	10.8	0.0	32.3	
203	17.2	0.0	37.1	

Manual Integrations
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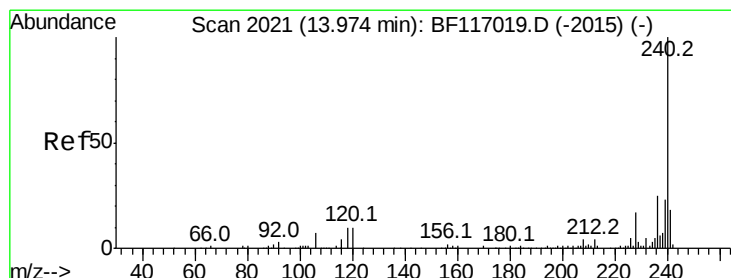
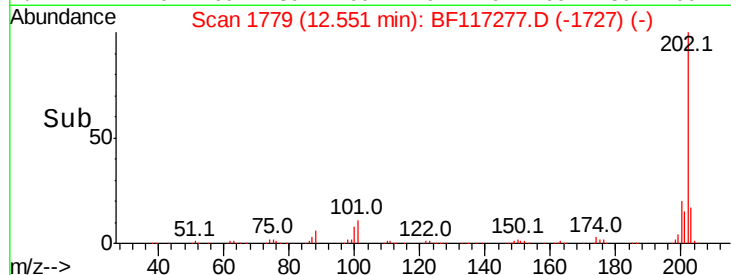
mohammad
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

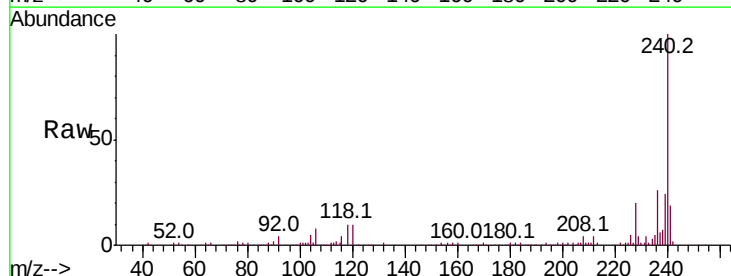
RT: 13.98 min Scan# 2022

Delta R.T. 0.01 min

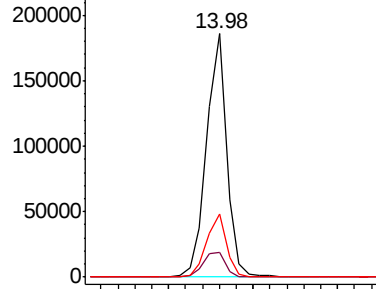
Lab File: BF117277.D

Acq: 1 Oct 2019 15:21

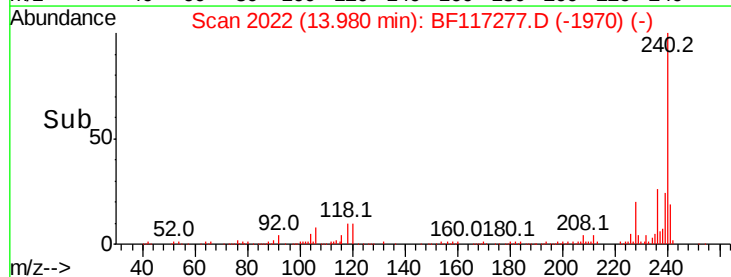
Tgt Ion	Ratio	Resp	Lower	Upper
240	100	154089		
120	10.2	8.3	12.5	
236	25.9	20.3	30.5	

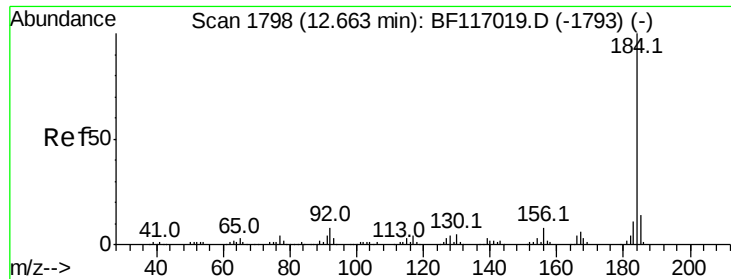


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time-->





#77

Benzidine

Concen: 44.353 ng

RT: 12.67 min Scan# 1799

Delta R.T. 0.01 min

Lab File: BF117277.D

Acq: 1 Oct 2019 15:21

Instrument :

BNA_F

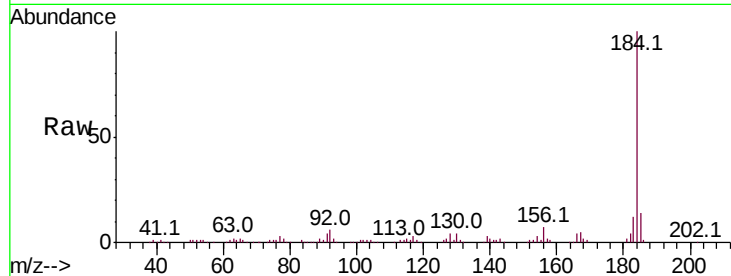
ClientSampleId :

SSTDCCC040

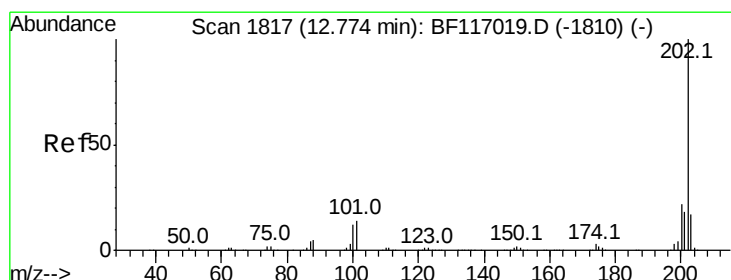
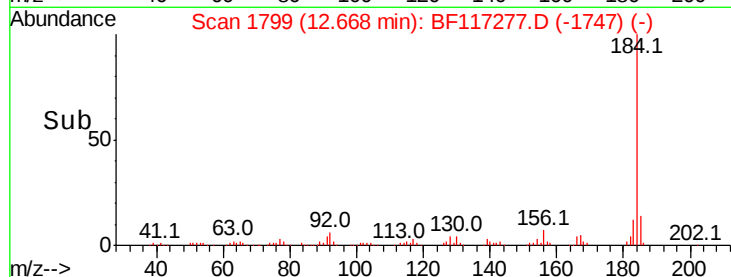
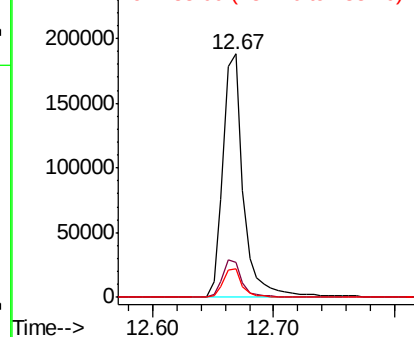
Tot Ion:	184	Resp:	220150
Ion Ratio	Lower	Upper	
184	100		
185	14.5	11.6	17.4
183	11.5	9.0	13.4

Manual Integrations
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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: 43.673 ng

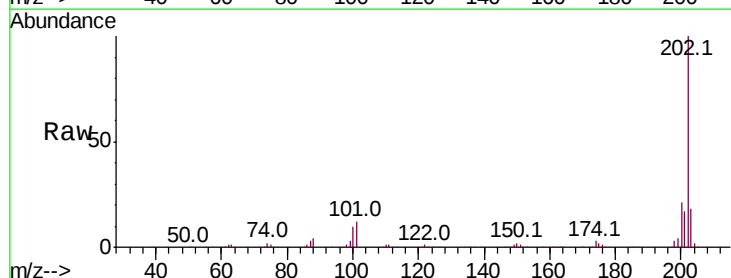
RT: 12.78 min Scan# 1818

Delta R.T. 0.01 min

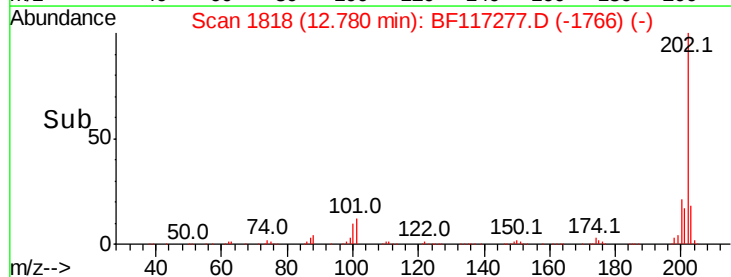
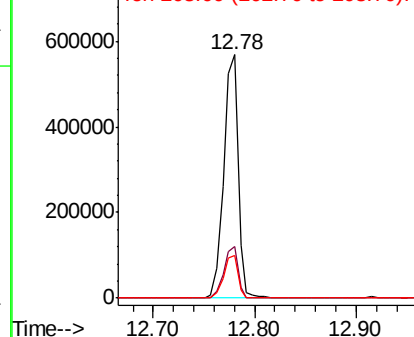
Lab File: BF117277.D

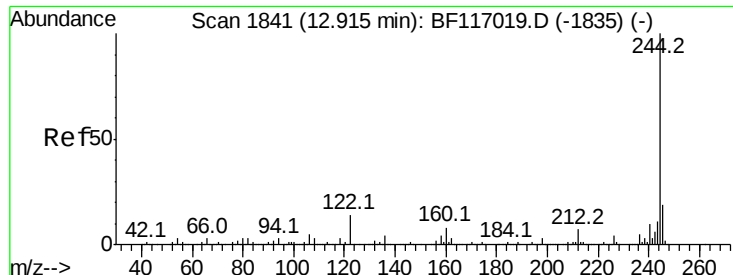
Acq: 1 Oct 2019 15:21

Tgt Ion:	202	Resp:	564661
Ion Ratio	Lower	Upper	
202	100		
200	21.0	17.2	25.8
203	17.7	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





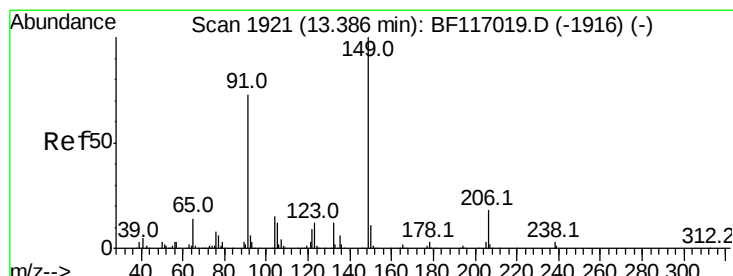
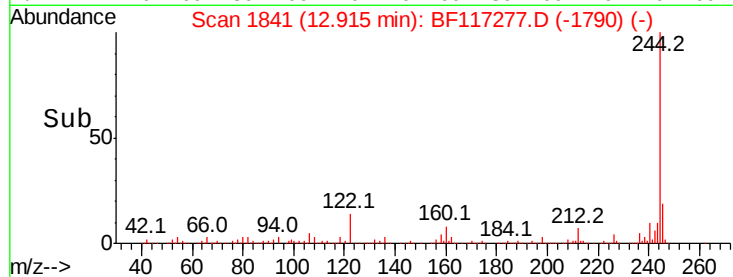
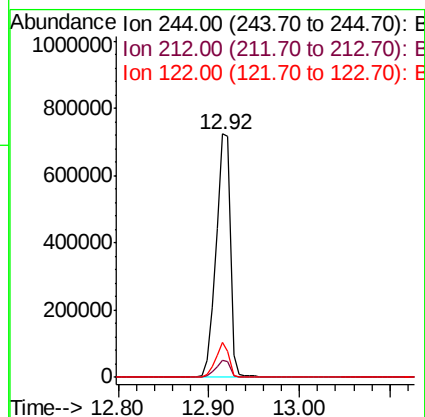
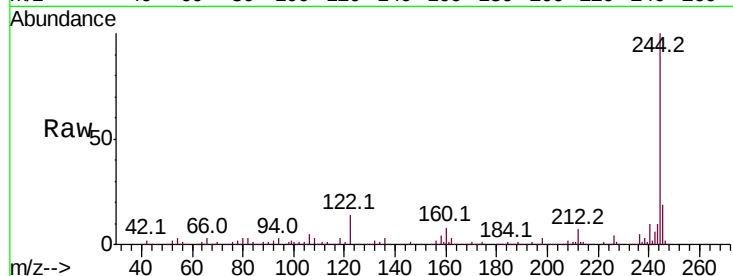
#79
 Terphenyl-d14
 Concen: 96.472 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BF117277.D
 Acq: 1 Oct 2019 15:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	14.4	11.3	16.9

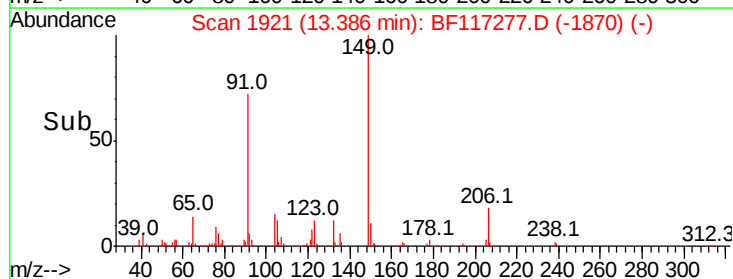
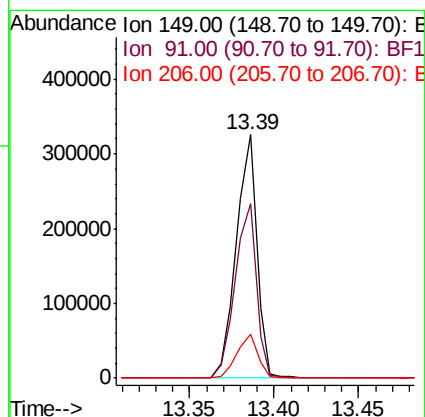
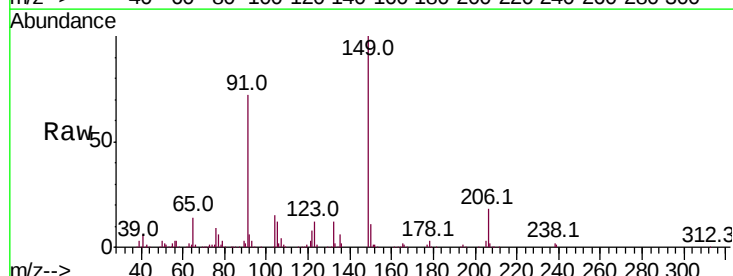
Manual Integrations
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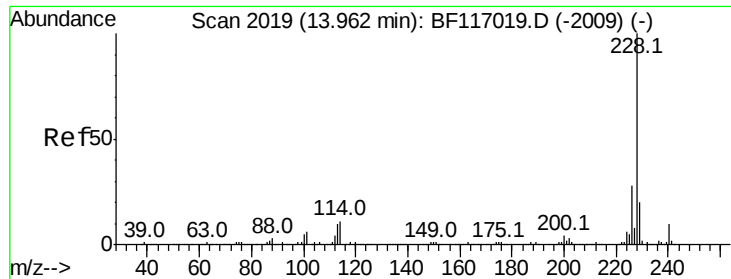
mohammad
 10/2/2019 3:56:33 PM



#80
 Butylbenzylphthalate
 Concen: 45.583 ng
 RT: 13.39 min Scan# 1921
 Delta R.T. -0.00 min
 Lab File: BF117277.D
 Acq: 1 Oct 2019 15:21

Tgt Ion	Ratio	Lower	Upper
149	100		
91	71.9	58.8	88.2
206	18.1	14.1	21.1





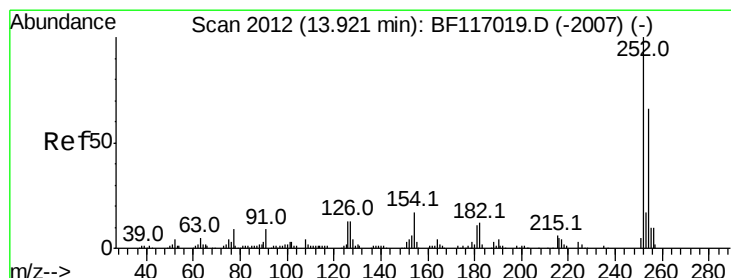
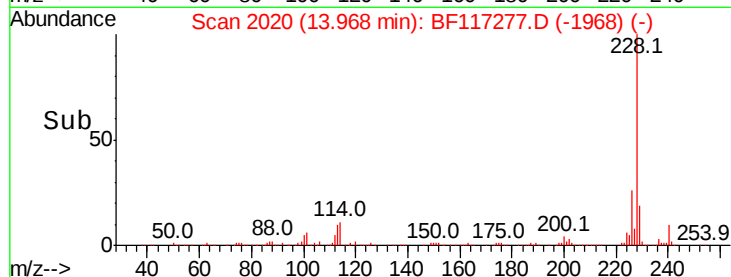
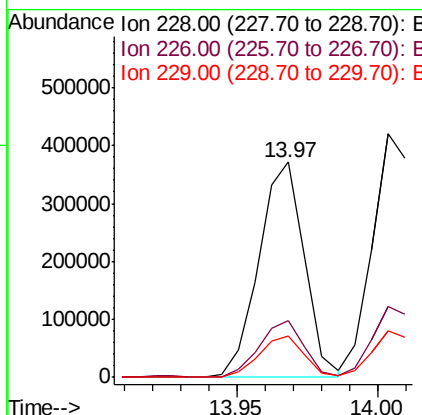
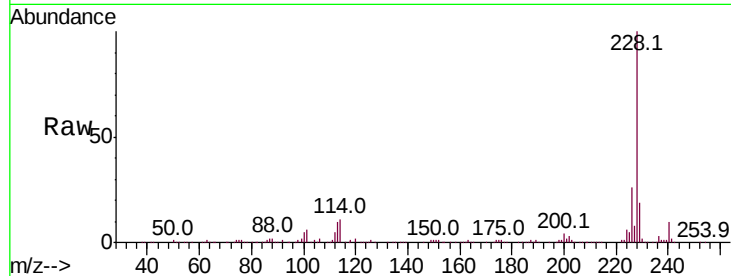
#81
Benzo(a)anthracene
Concen: 40.180 ng
RT: 13.97 min Scan# 2020
Delta R.T. 0.01 min
Lab File: BF117277.D
Acq: 1 Oct 2019 15:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.4	22.3	33.5
229	19.3	15.9	23.9

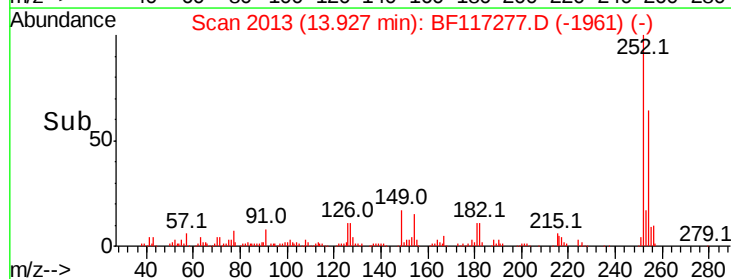
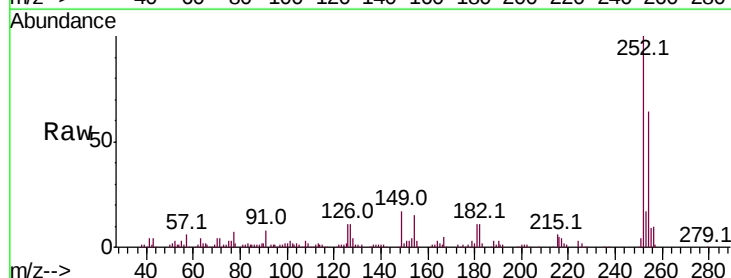
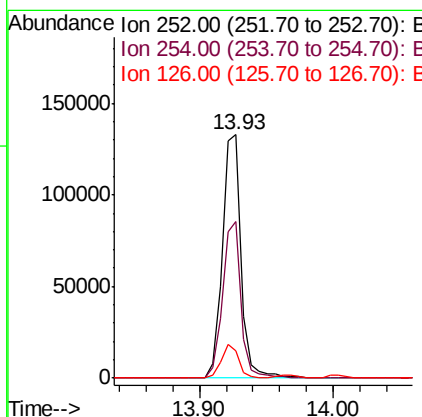
Manual Integrations
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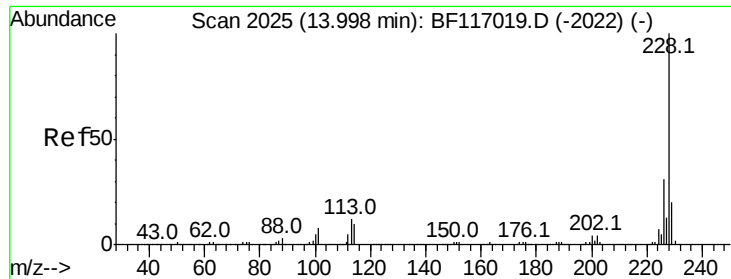
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 39.778 ng
RT: 13.93 min Scan# 2013
Delta R.T. 0.01 min
Lab File: BF117277.D
Acq: 1 Oct 2019 15:21

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.3	52.6	79.0
126	11.4	10.4	15.6





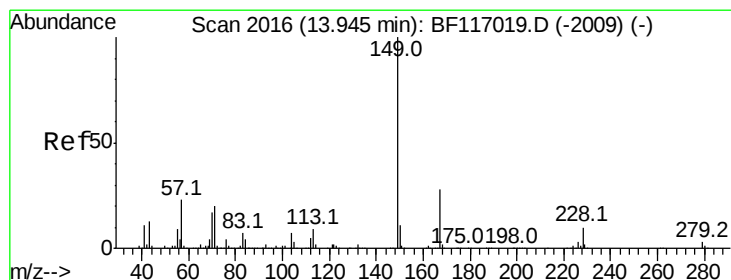
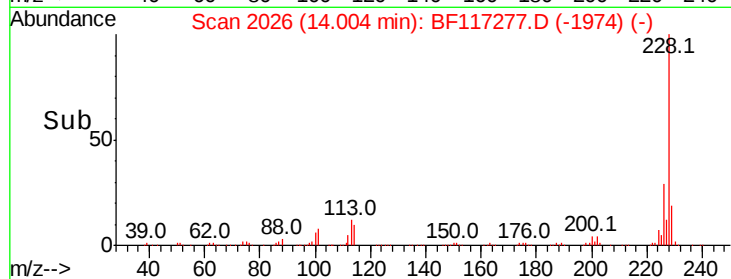
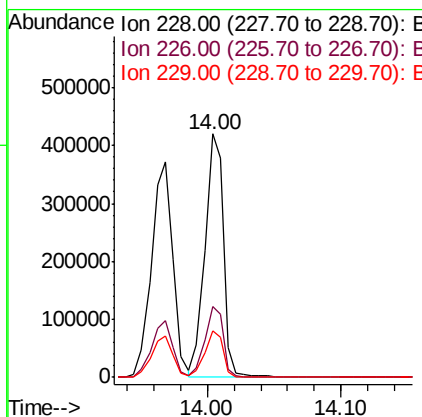
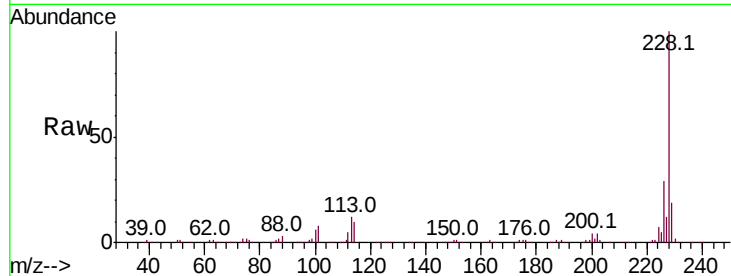
#83
 Chrysene
 Concen: 40.378 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. 0.01 min
 Lab File: BF117277.D
 Acq: 1 Oct 2019 15:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.0	24.8	37.2
229	19.1	15.8	23.8

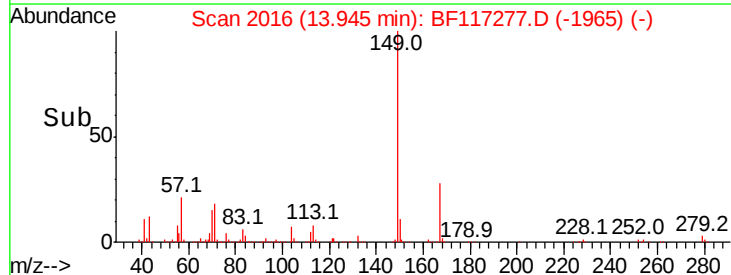
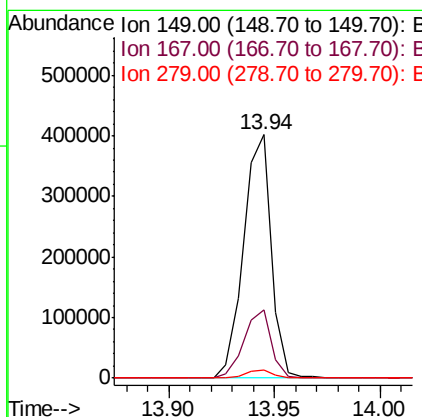
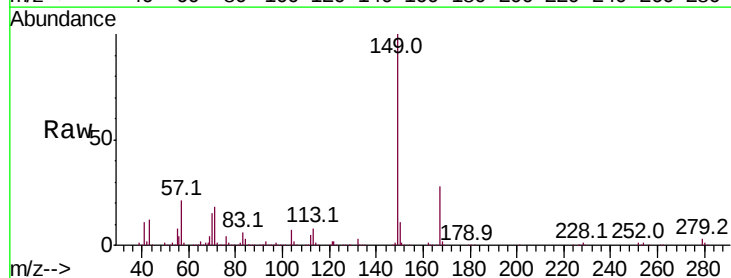
Manual Integrations
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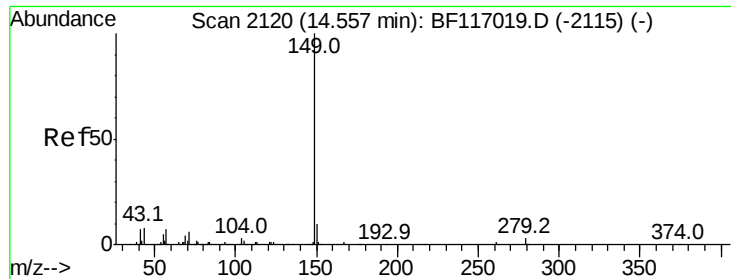
mohammad
 10/2/2019 3:56:33 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 46.575 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: BF117277.D
 Acq: 1 Oct 2019 15:21

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.2	33.2
279	3.4	2.8	4.2





#85

Di-n-octyl phthalate

Concen: 42.885 ng

RT: 14.55 min Scan# 2119

Delta R.T. -0.01 min

Lab File: BF117277.D

Acq: 1 Oct 2019 15:21

Instrument :

BNA_F

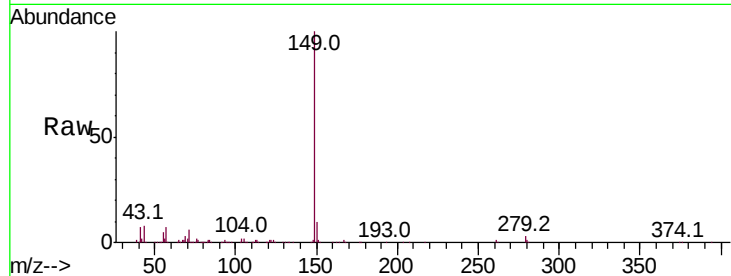
ClientSampleId :

SSTDCCC040

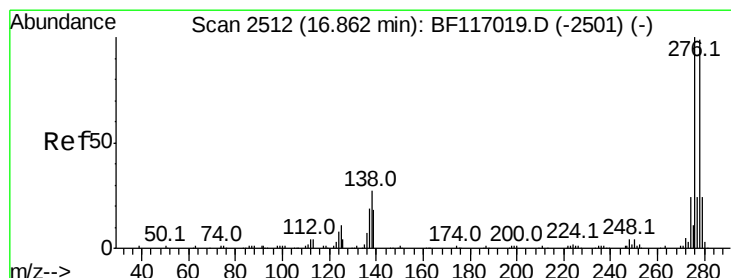
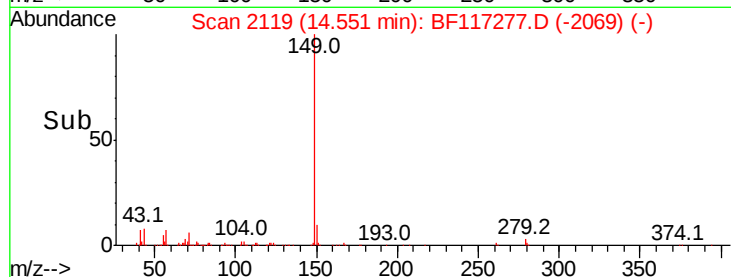
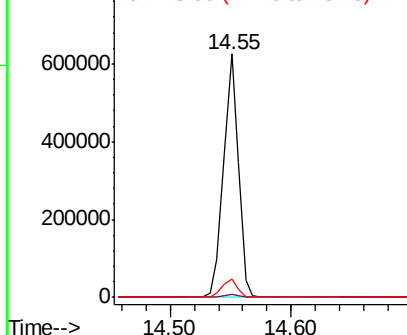
Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.3	1.2	1.8	
43	7.9	6.2	9.4	

Manual Integrations
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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: 39.949 ng

RT: 16.89 min Scan# 2517

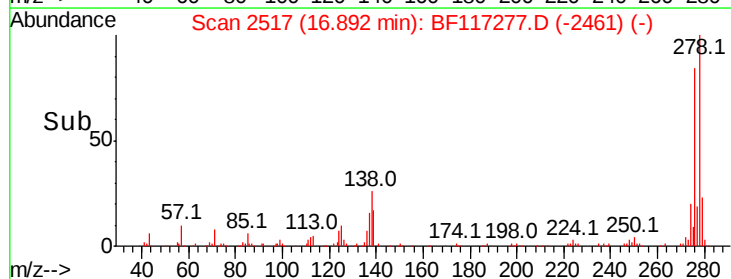
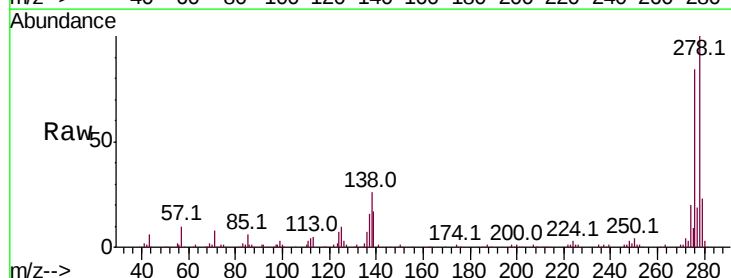
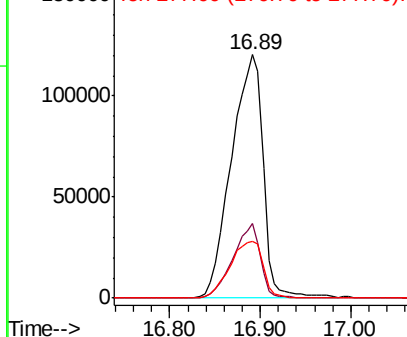
Delta R.T. 0.03 min

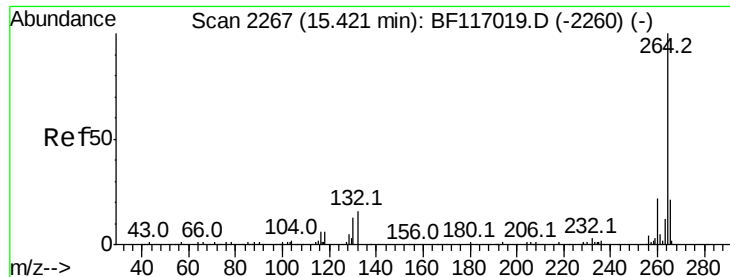
Lab File: BF117277.D

Acq: 1 Oct 2019 15:21

Tgt Ion	Ratio	Resp	Lower	Upper
276	100			
138	26.4	20.7	31.1	
277	24.3	19.8	29.8	

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: 15.43 min Scan# 2268

Delta R.T. 0.01 min

Lab File: BF117277.D

Acq: 1 Oct 2019 15:21

Instrument :

BNA_F

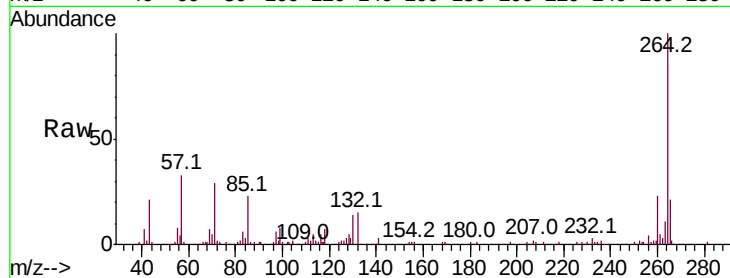
ClientSampleId :

SSTDCCC040

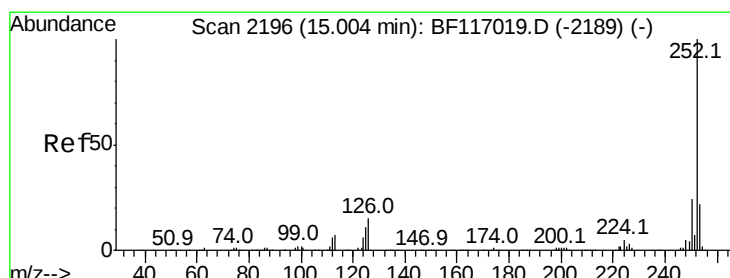
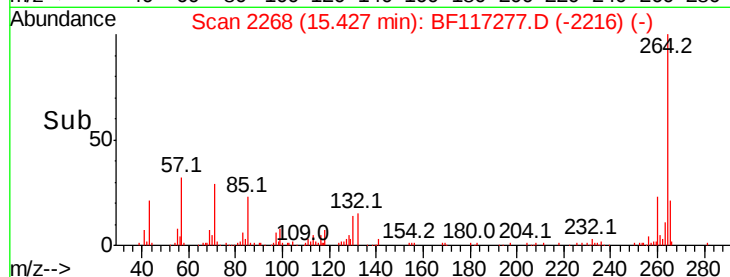
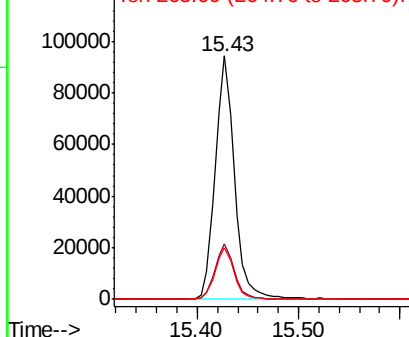
Tot Ion:	264	Resp:	125291
Ion Ratio	Lower	Upper	
264	100		
260	22.8	17.6	26.4
265	21.4	16.6	24.8

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



#88

Benzo(b)fluoranthene

Concen: 39.023 ng

RT: 15.01 min Scan# 2197

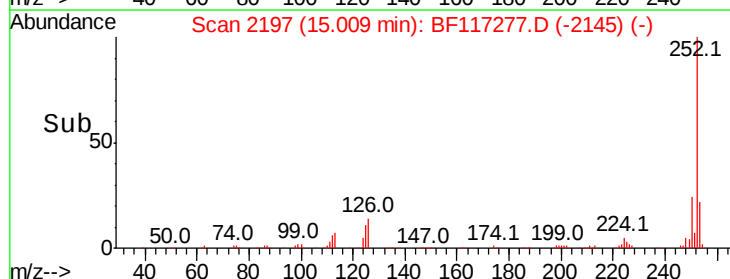
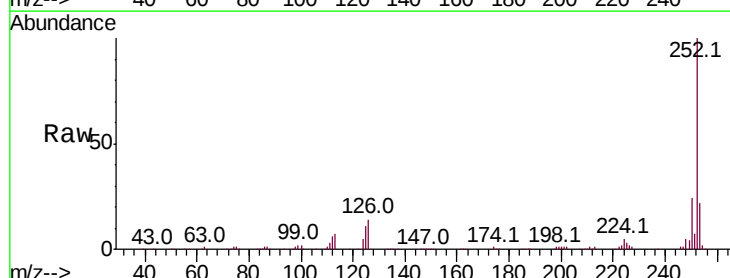
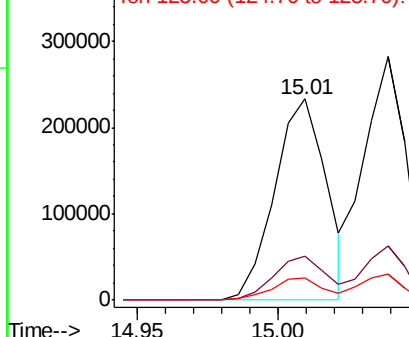
Delta R.T. 0.01 min

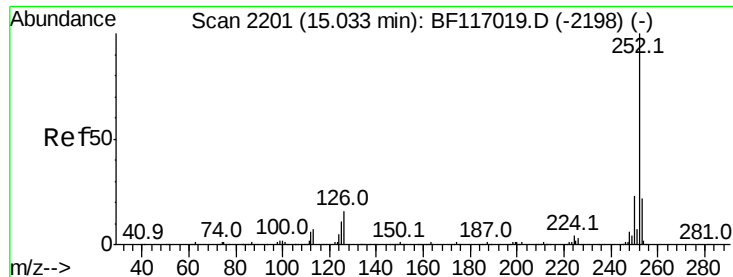
Lab File: BF117277.D

Acq: 1 Oct 2019 15:21

Tgt Ion:	252	Resp:	296160
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.6	26.4
125	10.9	8.6	12.8

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





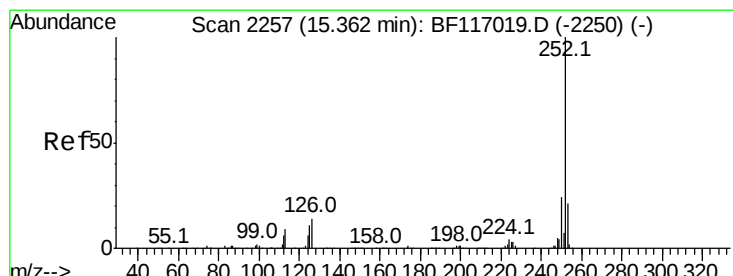
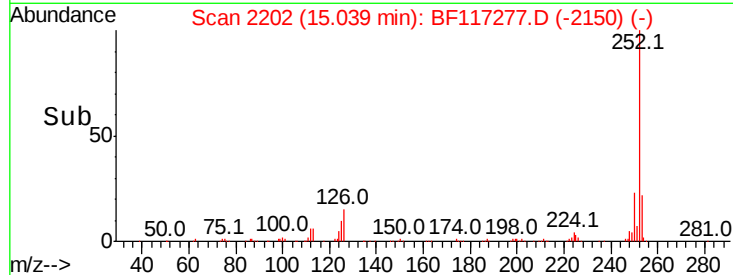
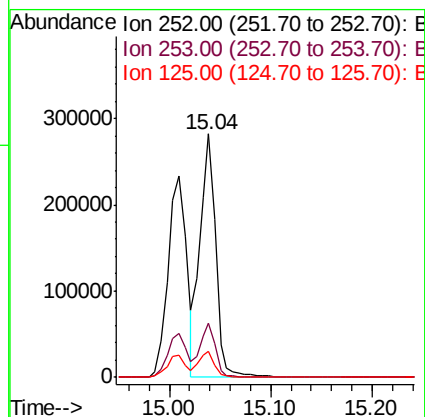
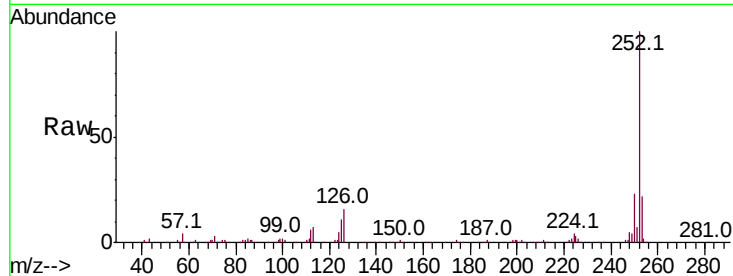
#89
Benzo(k)fluoranthene
Concen: 42.506 ng
RT: 15.04 min Scan# 2202
Delta R.T. 0.01 min
Lab File: BF117277.D
Acq: 1 Oct 2019 15:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
252	100	305580		
253	22.3	17.4	26.2	
125	10.7	8.8	13.2	

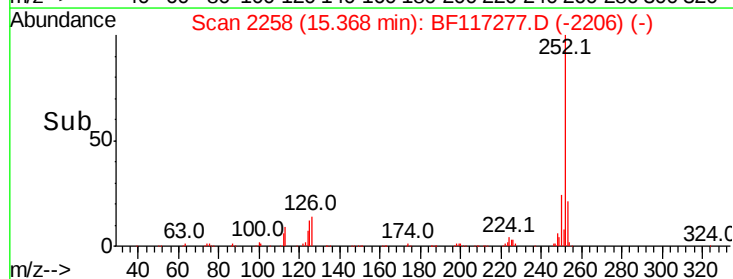
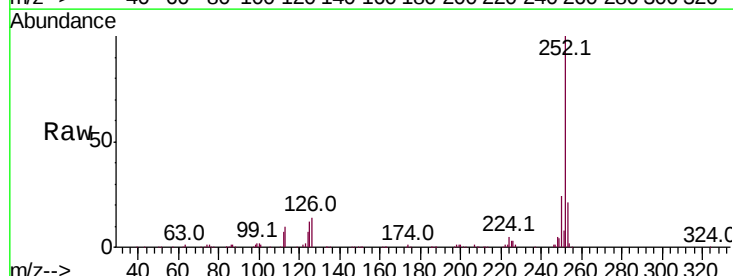
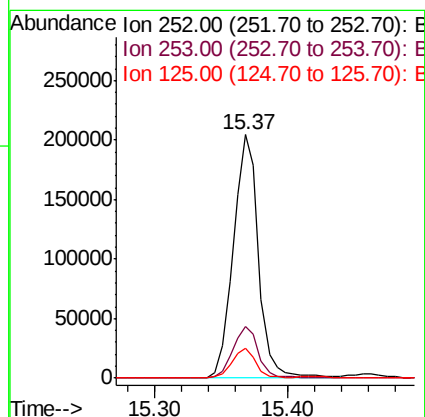
Manual Integrations
APPROVED

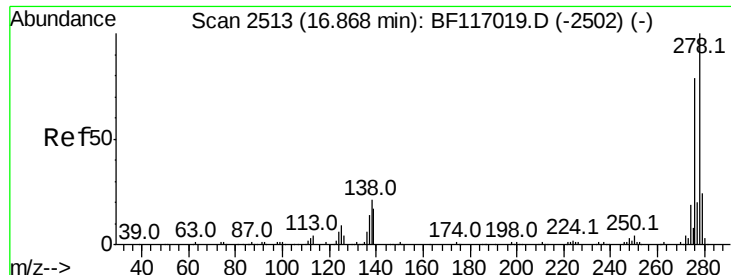
mohammad
10/2/2019 3:56:33 PM



#90
Benzo(a)pyrene
Concen: 40.582 ng
RT: 15.37 min Scan# 2258
Delta R.T. 0.01 min
Lab File: BF117277.D
Acq: 1 Oct 2019 15:21

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	270268		
253	21.2	16.6	25.0	
125	12.4	8.9	13.3	





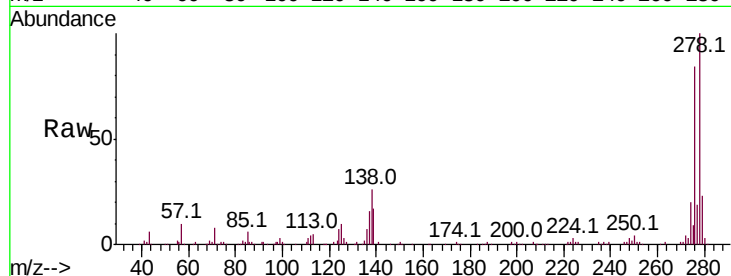
#91
Dibenzo(a,h)anthracene
Concen: 45.999 ng
RT: 16.89 min Scan# 2517
Delta R.T. 0.02 min
Lab File: BF117277.D
Acq: 1 Oct 2019 15:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

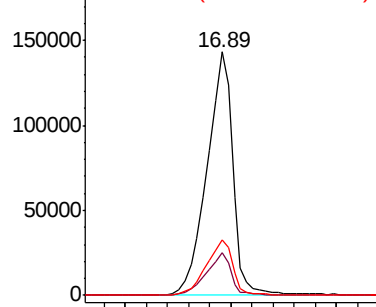
Tot Ion	Ratio	Lower	Upper
278	100		
139	17.3	13.5	20.3
279	22.8	18.8	28.2

Manual Integrations
APPROVED

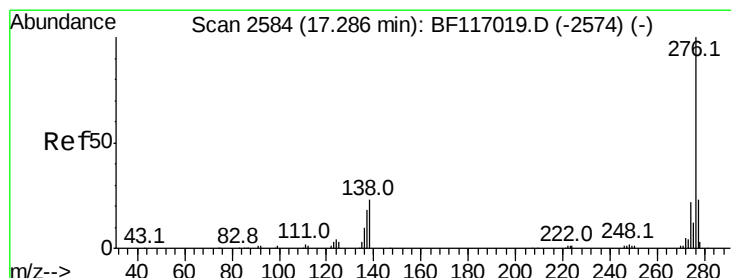
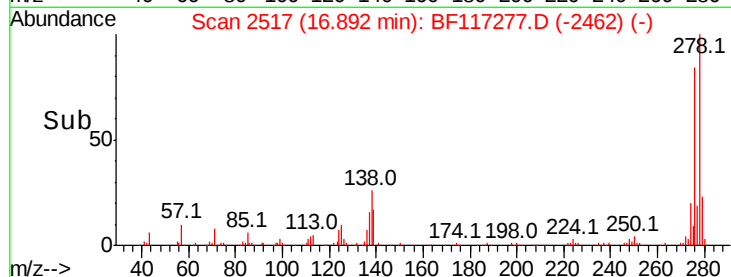
mohammad
10/2/2019 3:56:33 PM



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



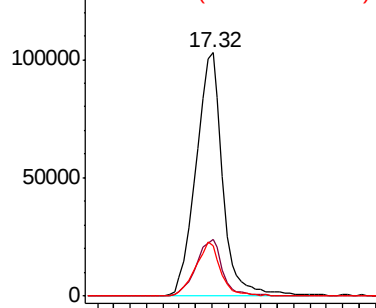
Time-->



#92
Benzo(g,h,i)perylene
Concen: 44.382 ng
RT: 17.32 min Scan# 2590
Delta R.T. 0.04 min
Lab File: BF117277.D
Acq: 1 Oct 2019 15:21

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.6	27.8
138	20.7	18.0	27.0

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



Time-->

