

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120419\
 Data File : BF118104.D
 Acq On : 4 Dec 2019 23:34
 Operator : JU
 Sample : K5675-11MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-112619MSD

Manual Integrations
 APPROVED

mohammad
 12/5/2019 10:50:52 AM

Quant Time: Dec 05 03:10:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 03 15:16:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	176513	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	626492	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	313067	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	761661	20.00	ng	0.00
76) Chrysene-d12	14.07	240	530686	20.00	ng	0.00
87) Perylene-d12	15.57	264	483531	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	1067974	107.10	ng	0.02
7) Phenol-d6	6.52	99	1307718	108.73	ng	0.00
23) Nitrobenzene-d5	7.45	82	781147	74.12	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	433874	130.91	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1617827	92.71	ng	0.00
79) Terphenyl-d14	13.01	244	1859225	64.03	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.79	88	127717	27.400	ng	# 84
3) Pyridine	3.52	79	240361	19.658	ng	98
4) n-Nitrosodimethylamine	3.45	42	156851	29.387	ng	93
6) Aniline	6.54	93	308969	19.439	ng	98
8) 2-Chlorophenol	6.67	128	370786	34.267	ng	94
9) Benzaldehyde	6.43	77	86419	7.235	ng	97
10) Phenol	6.53	94	482177	38.579	ng	99
11) bis(2-Chloroethyl)ether	6.62	93	349212	34.793	ng	97
12) 1,3-Dichlorobenzene	6.82	146	406328	31.897	ng	97
13) 1,4-Dichlorobenzene	6.90	146	420765	32.677	ng	96
14) 1,2-Dichlorobenzene	7.05	146	394827	32.061	ng	98
15) Benzyl Alcohol	7.02	79	349018	37.586	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	402609	26.054	ng	98
17) 2-Methylphenol	7.13	107	322858	35.234	ng	99
18) Hexachloroethane	7.39	117	146258	30.920	ng	93
19) n-Nitroso-di-n-propylamine	7.29	70	251436	33.886	ng	95
20) 3+4-Methylphenols	7.29	107	409273	35.981	ng	91
22) Acetophenone	7.29	105	546442	38.823	ng	# 93
24) Nitrobenzene	7.46	77	383457	35.269	ng	93
25) Isophorone	7.70	82	732906	37.943	ng	98
26) 2-Nitrophenol	7.78	139	227325	42.958	ng	95
27) 2,4-Dimethylphenol	7.82	122	359964	43.776	ng	98
28) bis(2-Chloroethoxy)methane	7.91	93	389686	31.792	ng	99
29) 2,4-Dichlorophenol	8.02	162	308592	34.598	ng	99
30) 1,2,4-Trichlorobenzene	8.10	180	329107	31.810	ng	98
31) Naphthalene	8.19	128	1131143	38.729	ng	99
32) Benzoic acid	7.94	122	198052	28.765	ng	99
33) 4-Chloroaniline	8.23	127	264298	20.214	ng	98
34) Hexachlorobutadiene	8.30	225	206671	34.166	ng	97
35) Caprolactam	8.60	113	109924m	38.777	ng	
36) 4-Chloro-3-methylphenol	8.72	107	382621	42.269	ng	94
37) 2-Methylnaphthalene	8.88	142	833628	42.244	ng	98
38) 1-Methylnaphthalene	8.98	142	775547	41.570	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	373405	41.071	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	345197	67.752	nq	99
43) 2,4,6-Trichlorophenol	9.16	196	252299	38.743	nq	98
44) 2,4,5-Trichlorophenol	9.20	196	287823	42.569	nq	96
46) 1,1'-Biphenyl	9.35	154	1012189	43.579	nq	99
47) 2-Chloronaphthalene	9.37	162	790718	41.383	nq	96
48) 2-Nitroaniline	9.47	65	232653	40.331	nq	98
49) Acenaphthylene	9.79	152	1057588	37.964	nq	99
50) Dimethylphthalate	9.65	163	955046	43.503	nq	99
51) 2,6-Dinitrotoluene	9.71	165	182551	38.047	nq	94
52) Acenaphthene	9.96	154	610603	34.216	nq	98
53) 3-Nitroaniline	9.88	138	159048	27.703	nq	97
54) 2,4-Dinitrophenol	9.99	184	158076	65.554	nq	96
55) Dibenzofuran	10.13	168	936747	37.907	nq	99
56) 4-Nitrophenol	10.05	139	288127	67.234	nq	93
57) 2,4-Dinitrotoluene	10.12	165	244174	40.006	nq	98
58) Fluorene	10.48	166	756171	39.487	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.26	232	198949	35.811	nq	99
60) Diethylphthalate	10.35	149	788091	36.821	nq	100
61) 4-Chlorophenyl-phenylether	10.47	204	362306	37.281	nq	97
62) 4-Nitroaniline	10.50	138	214151	37.254	nq	98
63) Azobenzene	10.63	77	698793	35.887	nq	95
65) 4,6-Dinitro-2-methylphenol	10.53	198	119581	33.631	nq	97
66) n-Nitrosodiphenylamine	10.59	169	686628	30.976	nq	100
67) 4-Bromophenyl-phenylether	10.96	248	279933	34.062	nq	97
68) Hexachlorobenzene	11.03	284	324245	33.836	nq	94
69) Atrazine	11.12	200	191634	26.281	nq	99
70) Pentachlorophenol	11.23	266	341467	60.991	nq	99
71) Phenanthrene	11.45	178	1406933	36.740	nq	99
72) Anthracene	11.50	178	1295179	34.113	nq	99
73) Carbazole	11.66	167	1291830	38.936	nq	99
74) Di-n-butylphthalate	11.98	149	1511367	36.587	nq	99
75) Fluoranthene	12.64	202	1204939	32.456	nq	99
77) Benzidine	12.76	184	7625	0.439	nq	# 95
78) Pyrene	12.87	202	1231858	28.723	nq	100
80) Butylbenzylphthalate	13.49	149	659165	35.785	nq	98
81) Benzo(a)anthracene	14.06	228	1212159	34.565	nq	100
82) 3,3'-Dichlorobenzidine	14.02	252	402036	32.774	nq	100
83) Chrysene	14.10	228	1018913	29.984	nq	99
84) Bis(2-ethylhexyl)phthalate	14.04	149	892847	39.981	nq	100
85) Di-n-octyl phthalate	14.66	149	1371383	41.801	nq	100
86) Indeno(1,2,3-cd)pyrene	17.09	276	1134616	39.231	nq	98
88) Benzo(b)fluoranthene	15.13	252	909105	28.938	nq	99
89) Benzo(k)fluoranthene	15.16	252	815989	27.567	nq	99
90) Benzo(a)pyrene	15.51	252	986658	35.717	nq	99
91) Dibenzo(a,h)anthracene	17.10	278	943181	39.668	nq	98
92) Benzo(g,h,i)perylene	17.55	276	708662	29.923	nq	99

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

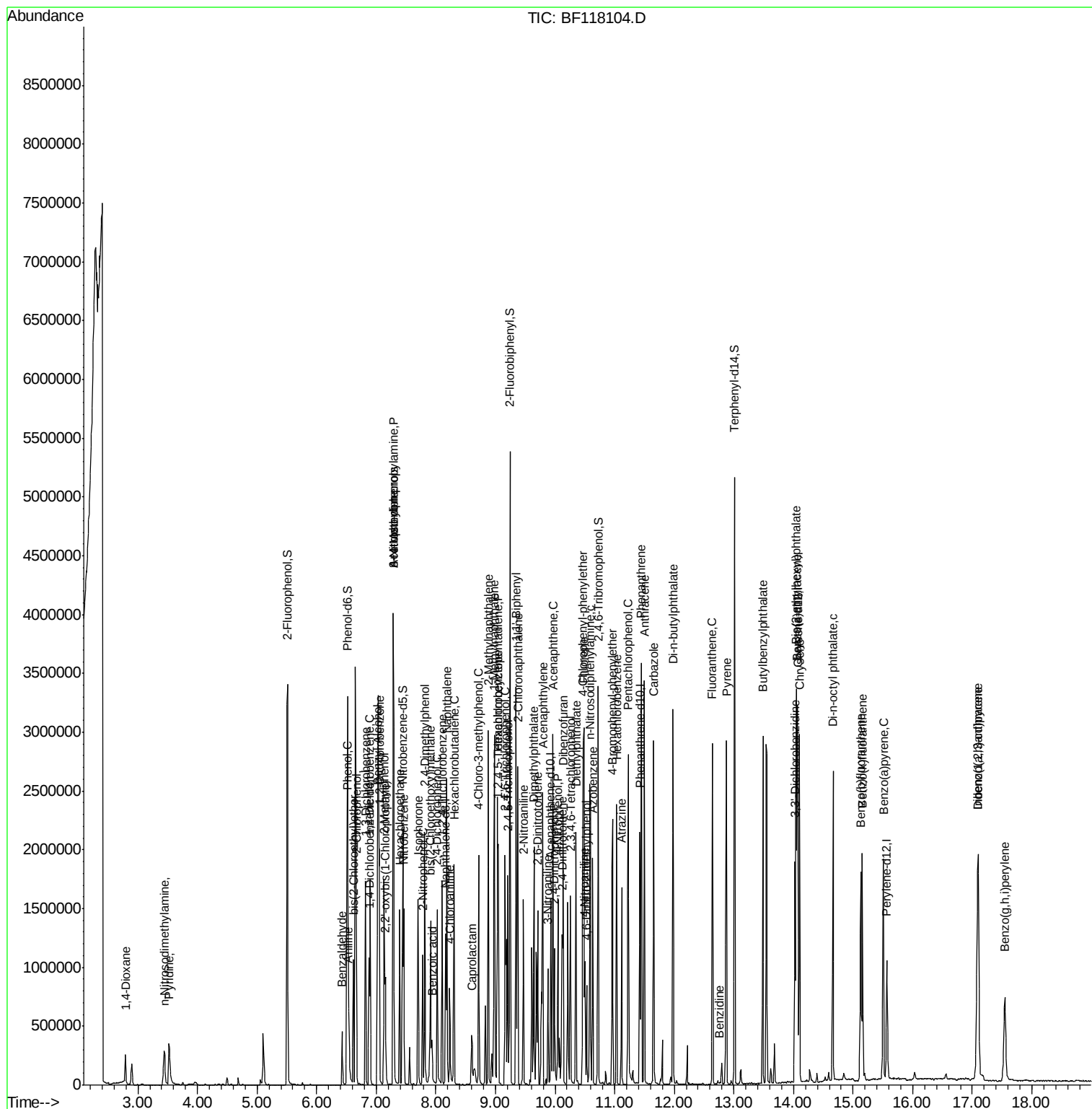
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#1

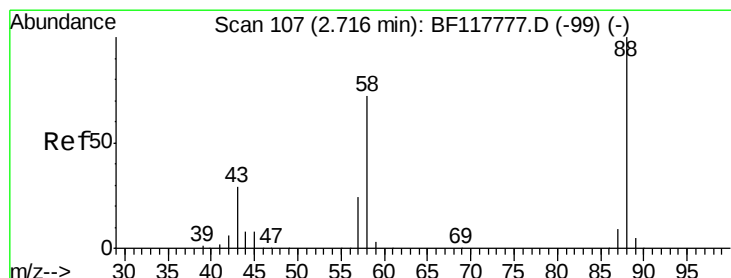
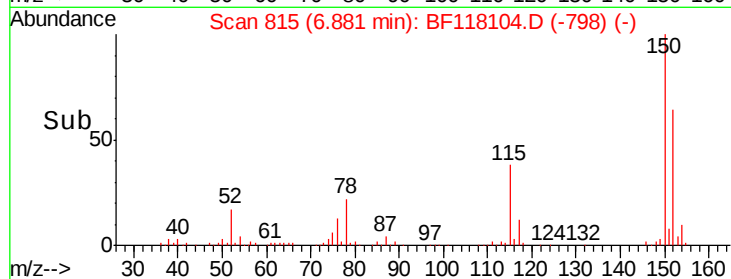
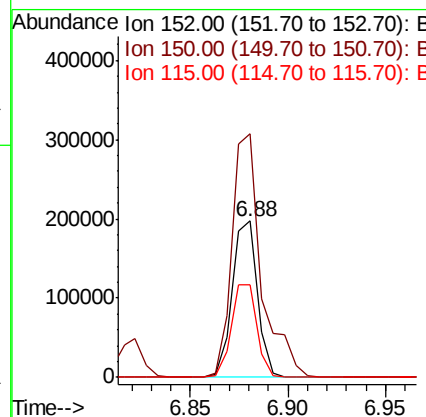
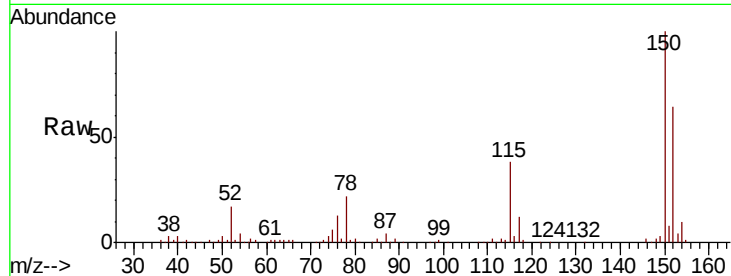
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF118104.D
Acq: 4 Dec 2019 23:34

Instrument :
BNA_F
ClientSampleId :
TR-05-112619MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	121.4	182.2
115	59.0	48.8	73.2

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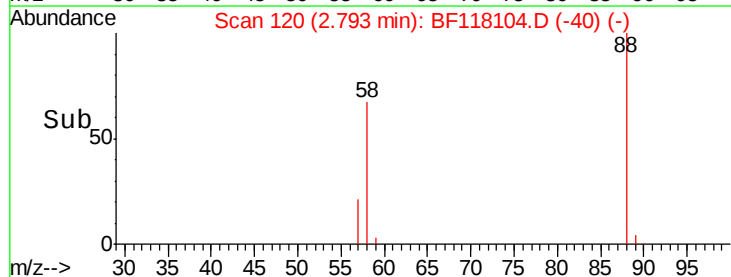
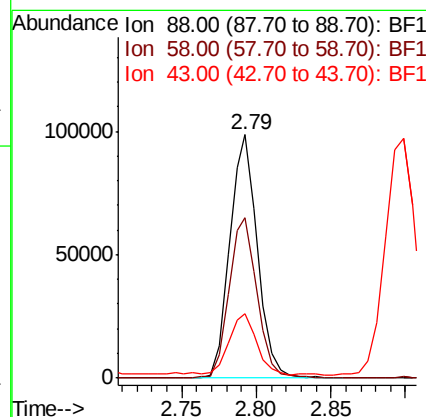
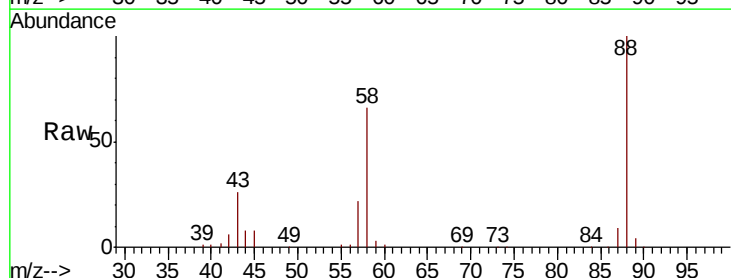
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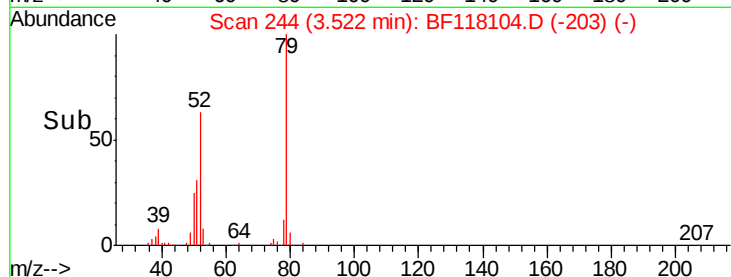
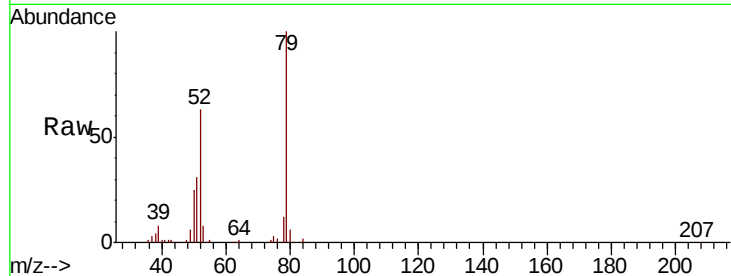
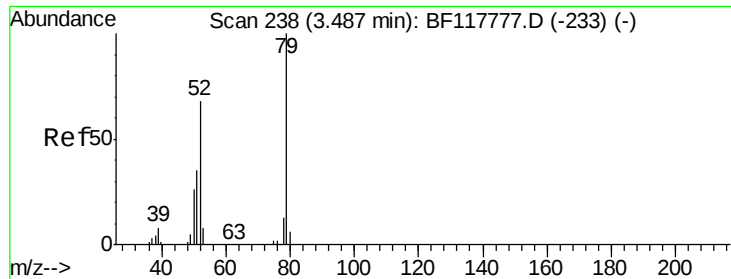


#2

1,4-Dioxane
Concen: 27.400 ng
RT: 2.79 min Scan# 120
Delta R.T. 0.17 min
Lab File: BF118104.D
Acq: 4 Dec 2019 23:34

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.7	52.6	78.8
43	0.0	21.8	32.6





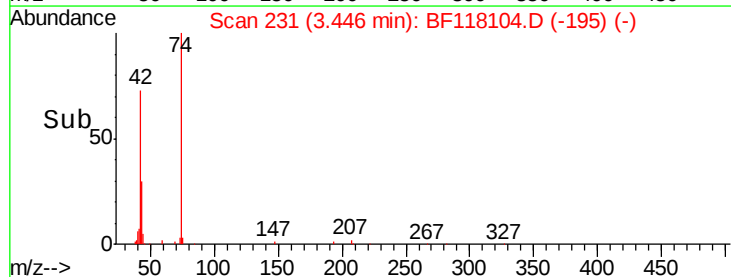
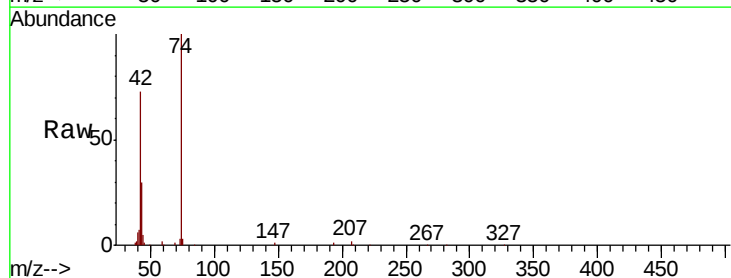
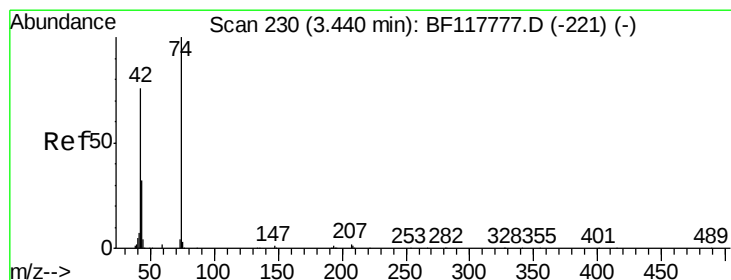
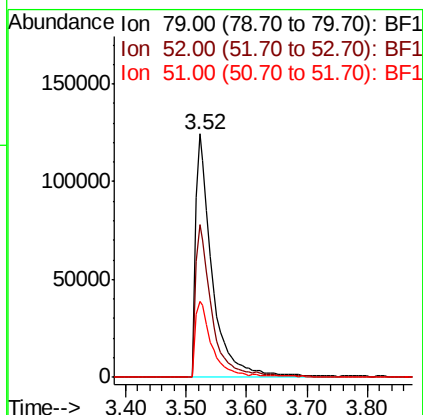
#3
 Pvridine
 Concen: 19.658 ng
 RT: 3.52 min Scan# 244
 Delta R.T. 0.14 min
 Lab File: BF118104.D
 Acq: 4 Dec 2019 23:34

Tot Ion	Ratio	Lower	Upper
79	100		
52	62.7	50.6	75.8
51	31.3	26.8	40.2

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-112619MSD

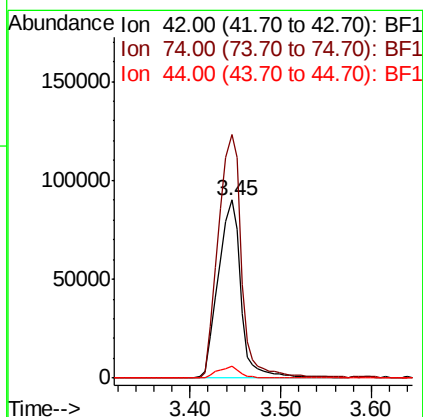
Manual Integrations
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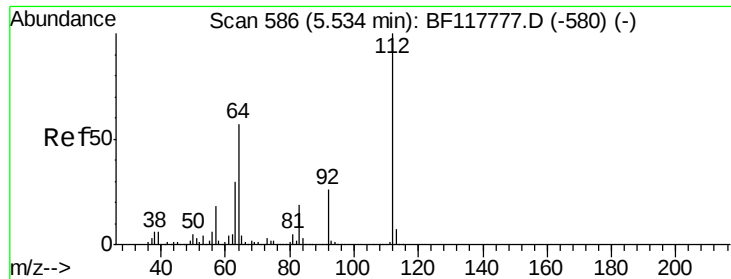
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#4
 n-Nitrosodimethylamine
 Concen: 29.387 ng
 RT: 3.45 min Scan# 231
 Delta R.T. 0.11 min
 Lab File: BF118104.D
 Acq: 4 Dec 2019 23:34

Tgt Ion	Ratio	Lower	Upper
42	100		
74	137.0	102.8	154.2
44	6.6	4.7	7.1





#5

2-Fluorophenol

Concen: 107.098 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.02 min

Lab File: BF118104.D

Acq: 4 Dec 2019 23:34

Instrument :

BNA_F

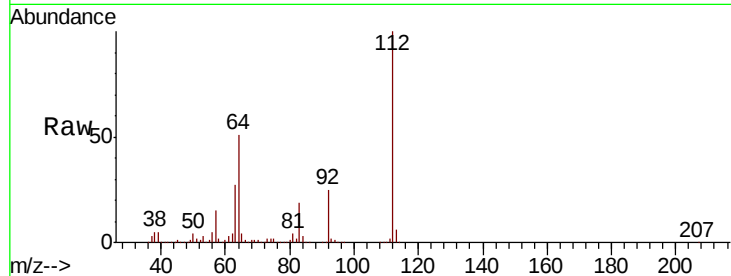
ClientSampleId :

TR-05-112619MSD

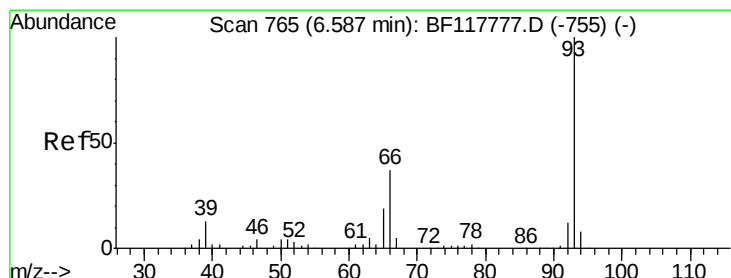
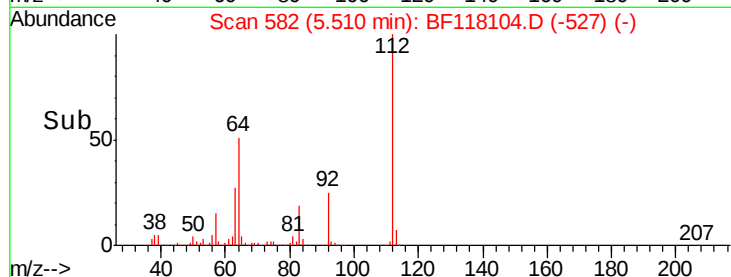
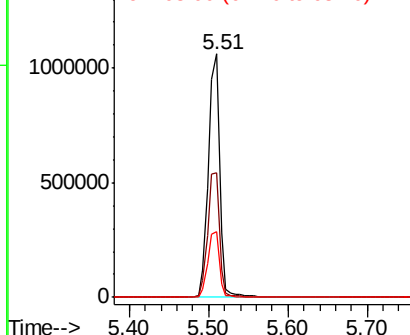
Tot Ion:	112	Resp:	1067974
Ion	Ratio	Lower	Upper
112	100		
64	51.0	45.1	67.7
63	26.9	24.6	37.0

Manual Integrations
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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: 19.439 ng

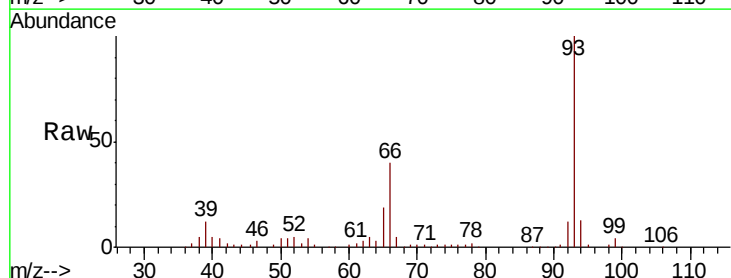
RT: 6.54 min Scan# 757

Delta R.T. -0.00 min

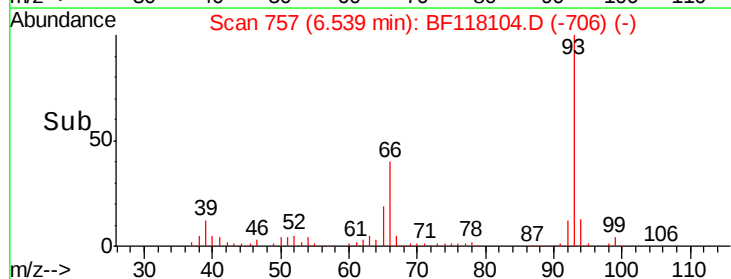
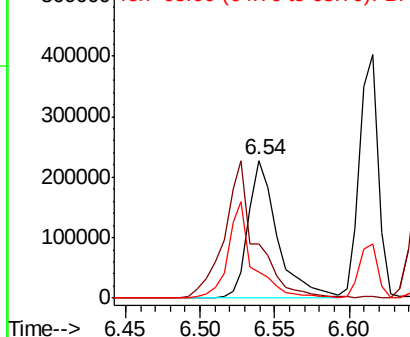
Lab File: BF118104.D

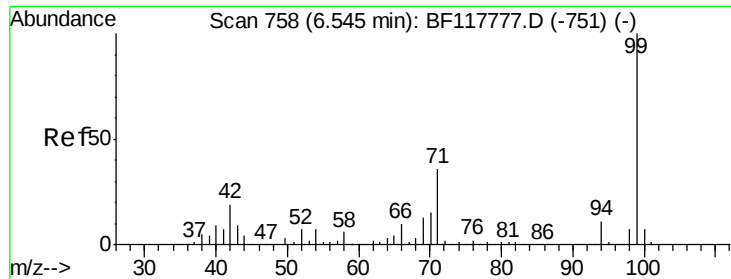
Acq: 4 Dec 2019 23:34

Tgt Ion:	93	Resp:	308969
Ion	Ratio	Lower	Upper
93	100		
66	39.6	31.0	46.6
65	19.0	15.8	23.8



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: 108.725 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF118104.D

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ClientSampleId :

TR-05-112619MSD

Tot Ion: 99 Resp: 1307718

Ion Ratio Lower Upper

99 100

42 16.0 14.0 21.0

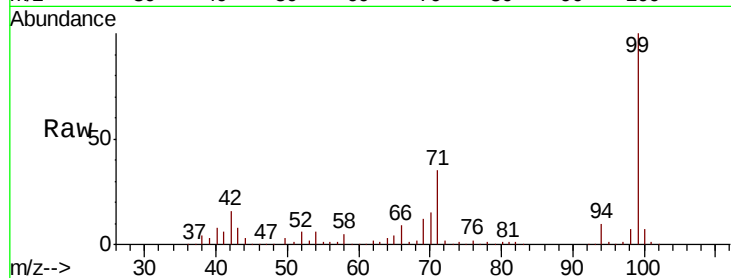
71 35.2 29.2 43.8

Manual Integrations

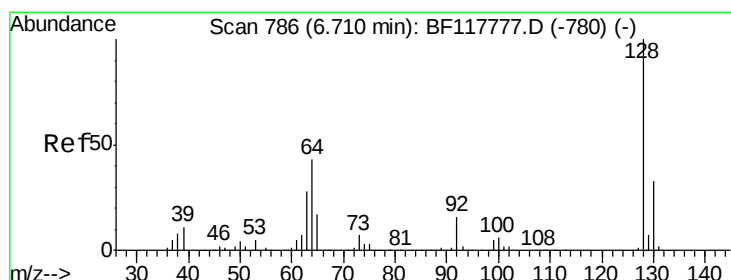
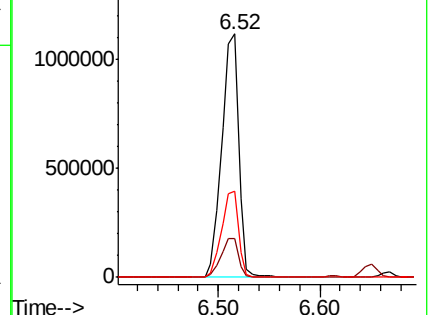
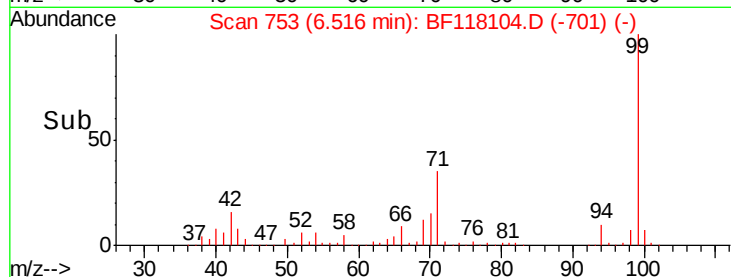
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Abundance Ion 99.00 (98.70 to 99.70): BF1
1500000
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 34.267 ng

RT: 6.67 min Scan# 779

Delta R.T. 0.01 min

Lab File: BF118104.D

Acq: 4 Dec 2019 23:34

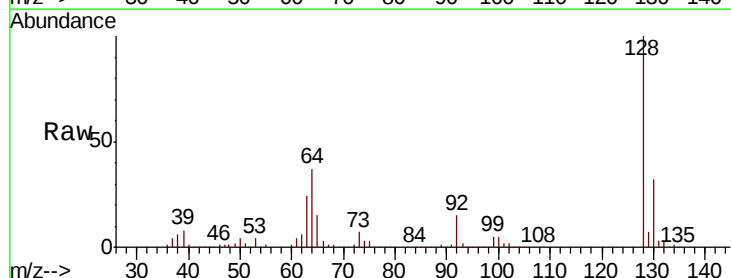
Tgt Ion:128 Resp: 370786

Ion Ratio Lower Upper

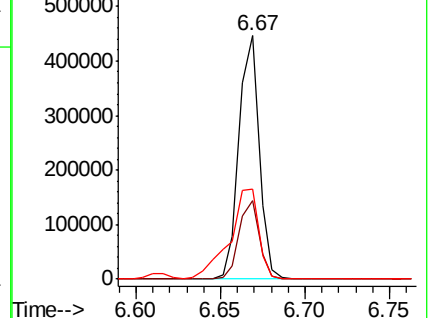
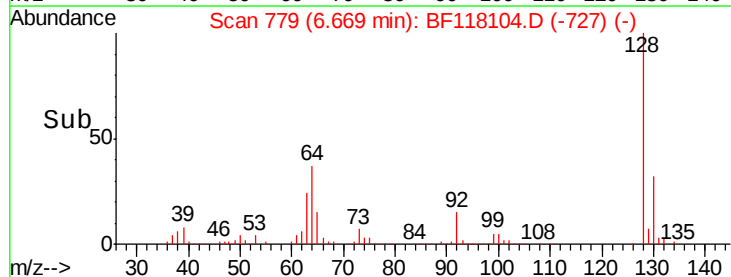
128 100

130 32.3 12.4 52.4

64 37.0 23.2 63.2



Abundance Ion 128.00 (127.70 to 128.70): E
600000
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





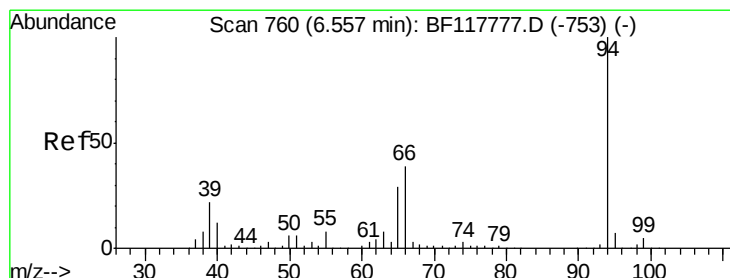
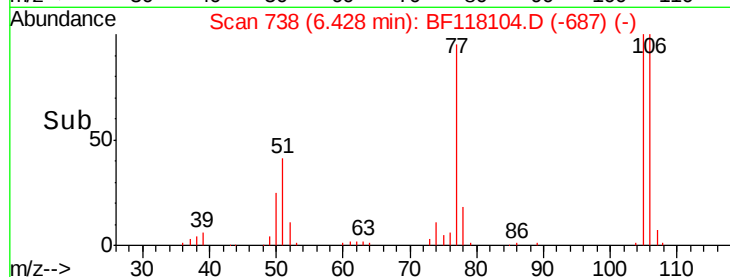
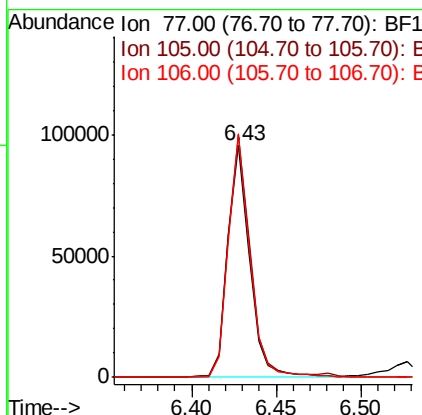
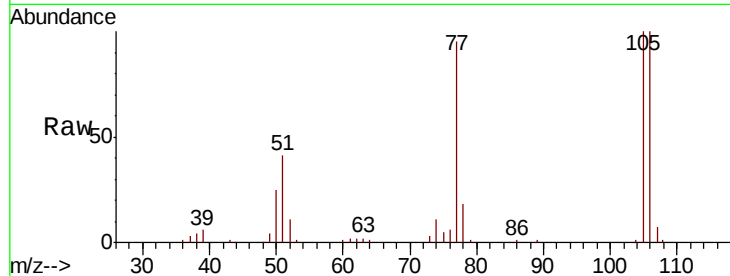
#9
Benzaldehyde
Concen: 7.235 ng
RT: 6.43 min Scan# 738
Delta R.T. -0.00 min
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Tot Ion	Ratio	Lower	Upper
77	100		
105	104.8	83.3	123.3
106	105.2	80.9	120.9

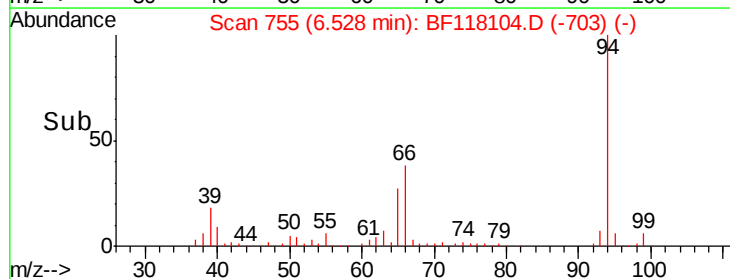
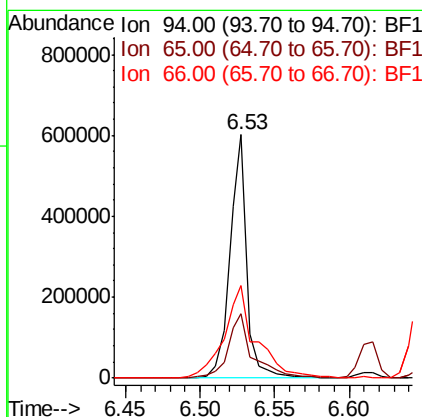
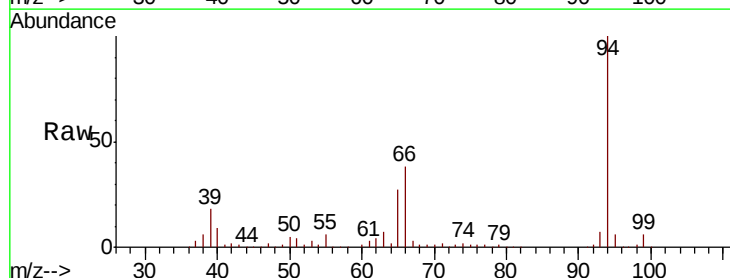
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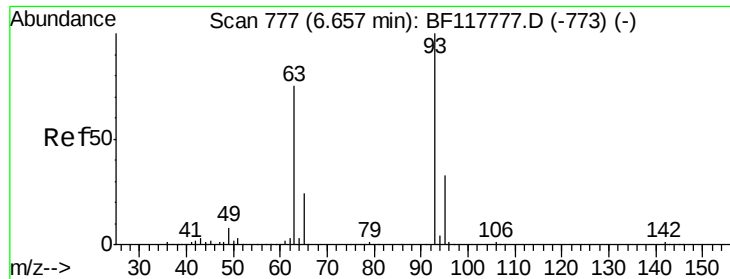
mohammad
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#10
Phenol
Concen: 38.579 ng
RT: 6.53 min Scan# 755
Delta R.T. 0.01 min
Lab File: BF118104.D
Acq: 4 Dec 2019 23:34

Tgt Ion	Ratio	Lower	Upper
94	100		
65	26.6	6.9	46.9
66	37.8	18.6	58.6





#11

bis(2-Chloroethyl)ether

Concen: 34.793 ng

RT: 6.62 min Scan# 770

Delta R.T. -0.00 min

Lab File: BF118104.D

Acq: 4 Dec 2019 23:34

Instrument :

BNA_F

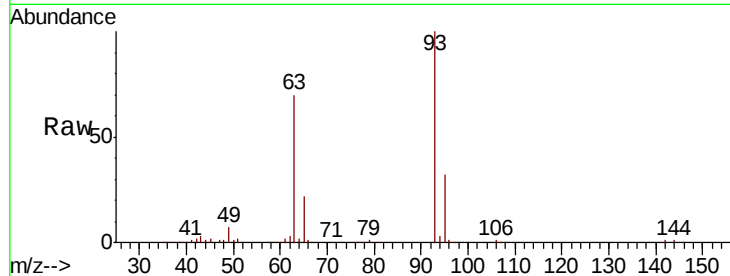
ClientSampleId :

TR-05-112619MSD

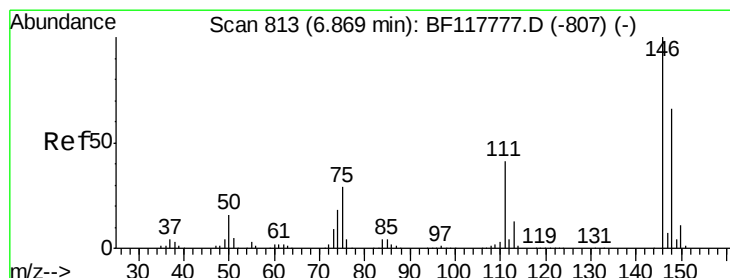
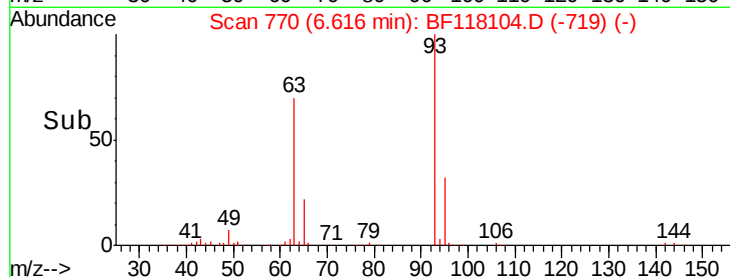
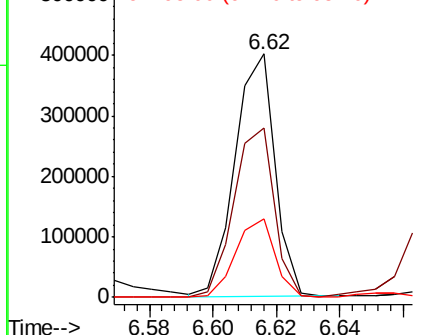
Tot Ion:	93	Resp:	349212
Ion	Ratio	Lower	Upper
93	100		
63	69.5	46.8	86.8
95	32.4	12.0	52.0

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Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 31.897 ng

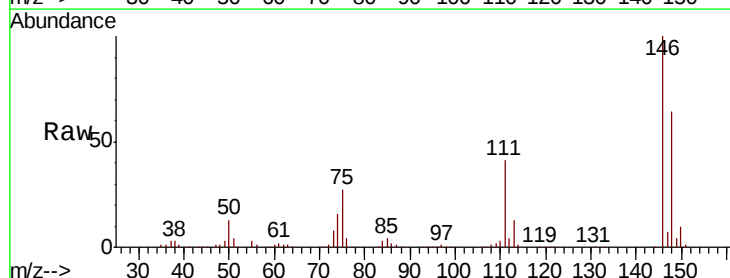
RT: 6.82 min Scan# 805

Delta R.T. -0.00 min

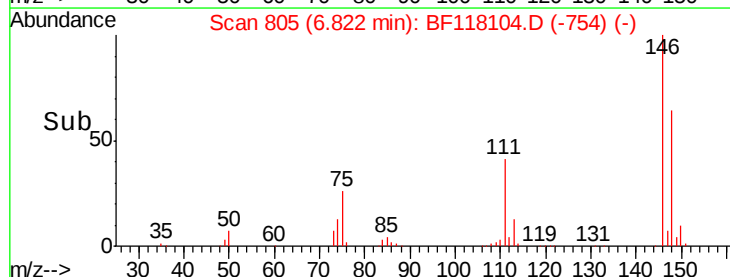
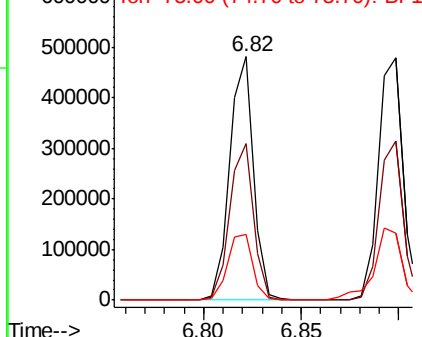
Lab File: BF118104.D

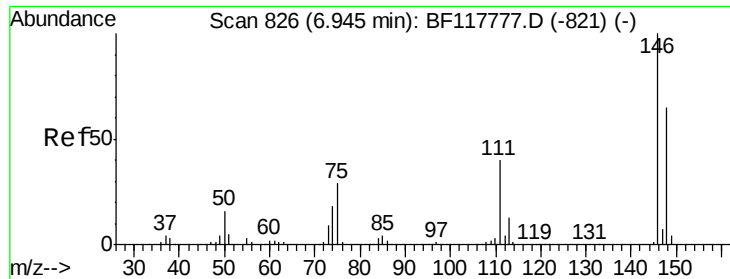
Acq: 4 Dec 2019 23:34

Tgt Ion:	146	Resp:	406328
Ion	Ratio	Lower	Upper
146	100		
148	64.4	52.7	79.1
75	26.9	24.5	36.7



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





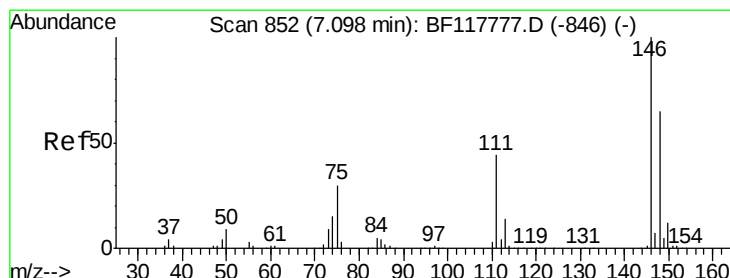
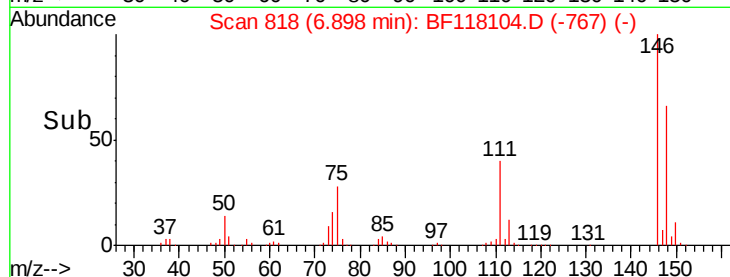
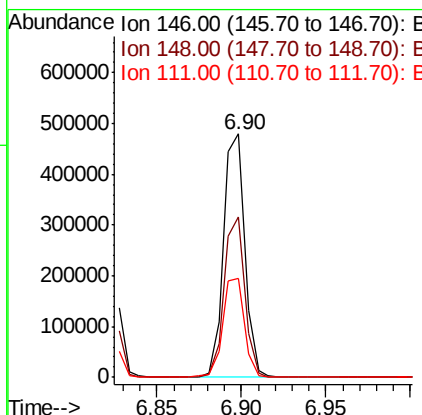
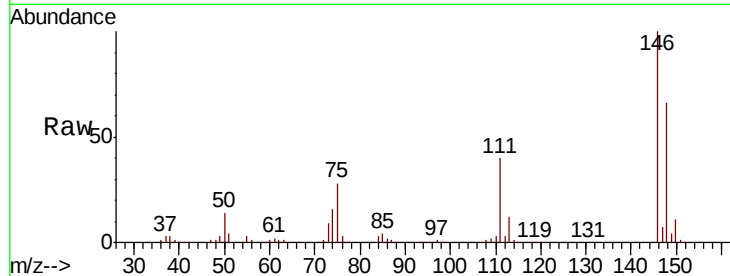
#13
 1,4-Dichlorobenzene
 Concen: 32.677 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BF118104.D
 Acq: 4 Dec 2019 23:34

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-112619MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.8	50.8	76.2
111	40.4	34.6	51.8

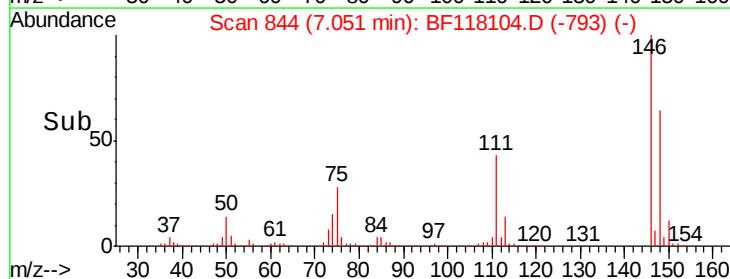
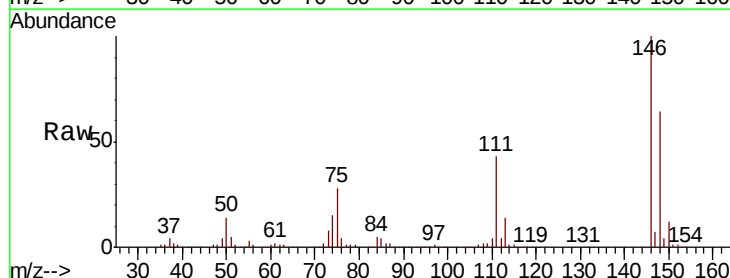
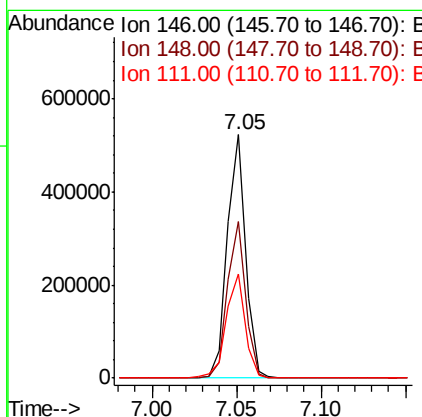
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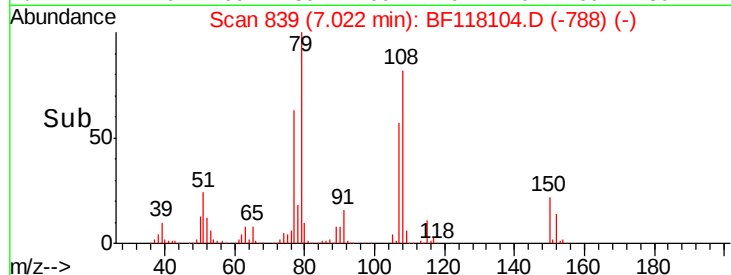
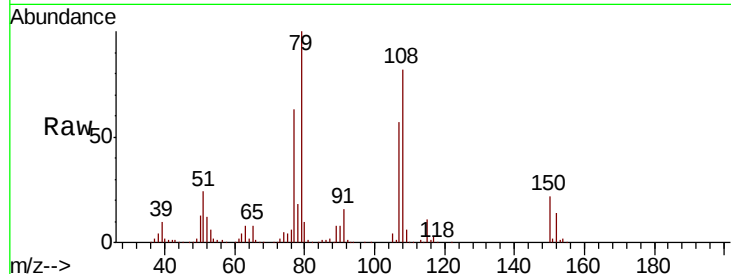
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#14
 1,2-Dichlorobenzene
 Concen: 32.061 ng
 RT: 7.05 min Scan# 844
 Delta R.T. -0.00 min
 Lab File: BF118104.D
 Acq: 4 Dec 2019 23:34

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.6	77.4
111	42.7	35.8	53.8





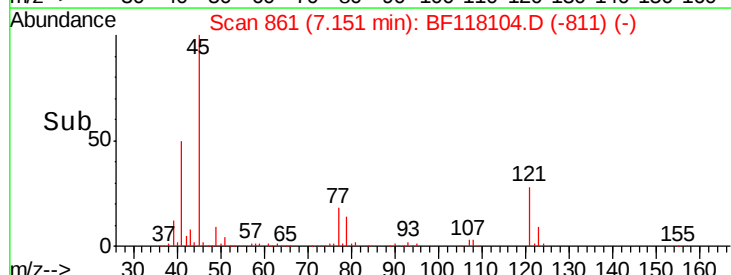
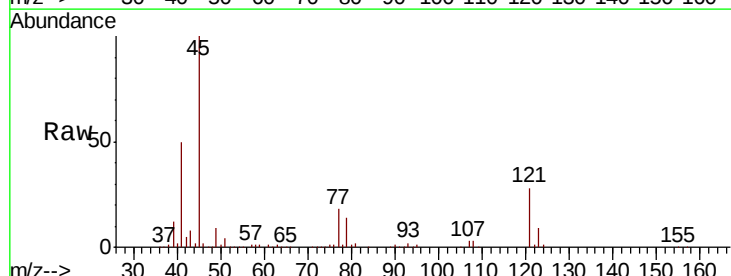
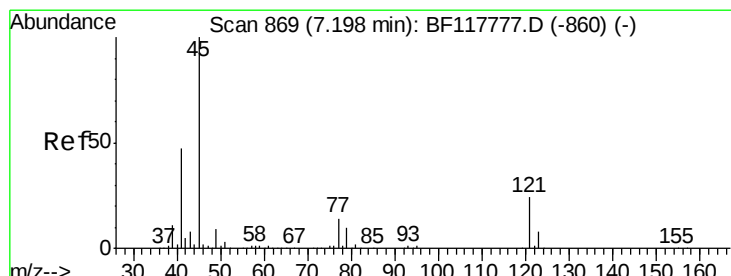
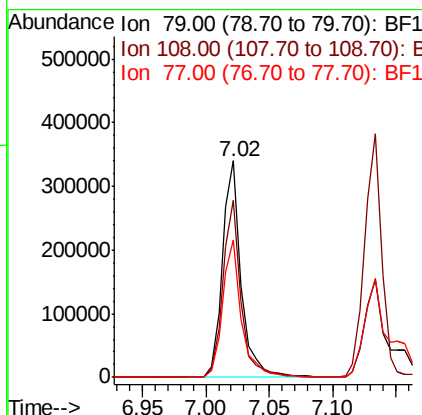
#15
Benzyl Alcohol
Concen: 37.586 ng
RT: 7.02 min Scan# 839
Delta R.T. -0.00 min
Lab File: BF118104.D
Acq: 4 Dec 2019 23:34

Tot Ion	Ratio	Lower	Upper
79	100		
108	81.6	63.1	94.7
77	63.3	50.6	76.0

Instrument :
BNA_F
ClientSampleId :
TR-05-112619MSD

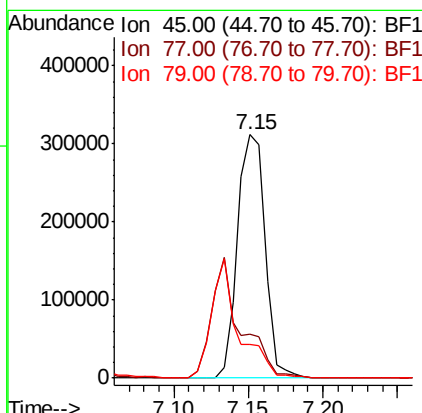
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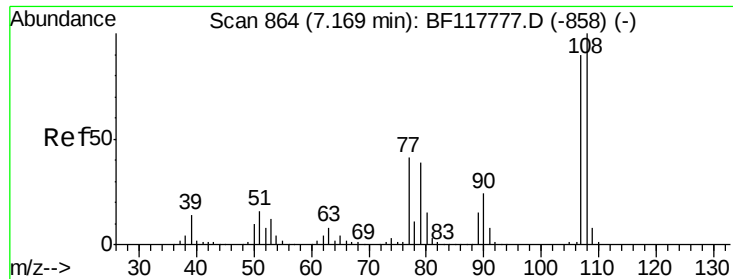
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 26.054 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF118104.D
Acq: 4 Dec 2019 23:34

Tgt Ion	Ratio	Lower	Upper
45	100		
77	18.3	0.0	36.8
79	13.6	0.0	33.5





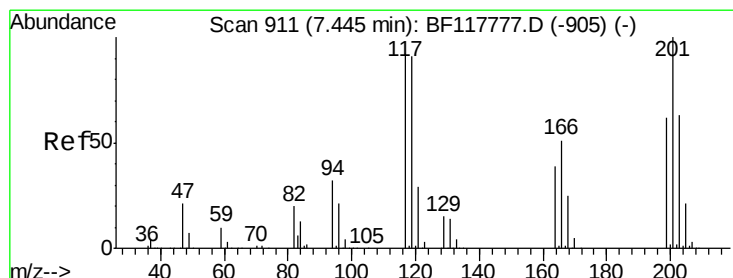
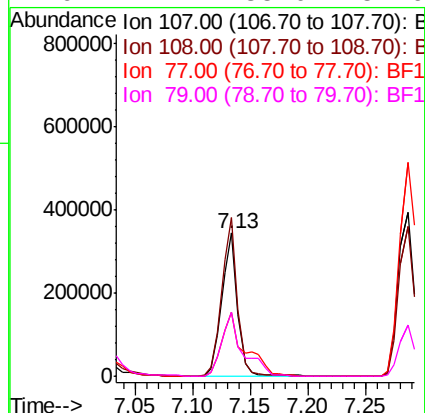
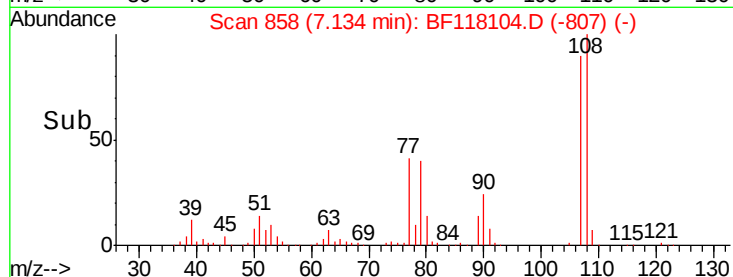
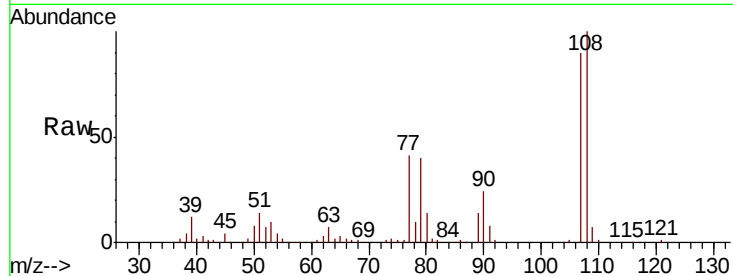
#17
2-Methylphenol
Concen: 35.234 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.00 min
Lab File: BF118104.D
Acq: 4 Dec 2019 23:34

Instrument :
BNA_F
ClientSampleId :
TR-05-112619MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.3	89.8	134.8	
77	45.1	35.0	52.6	
79	44.4	35.0	52.6	

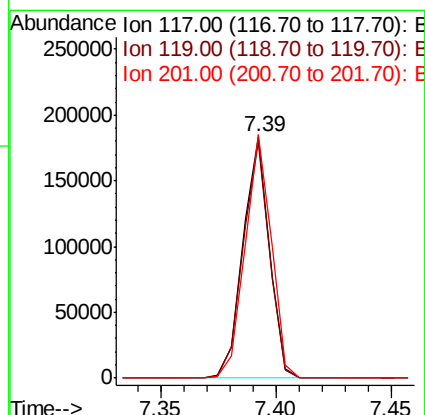
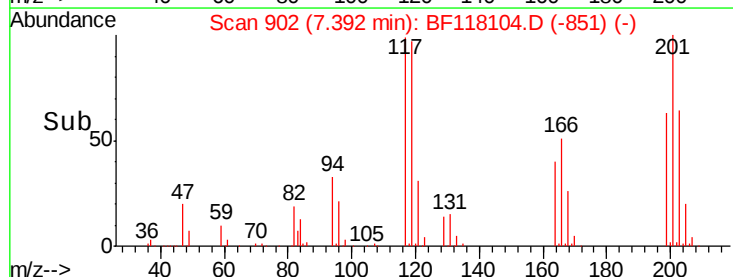
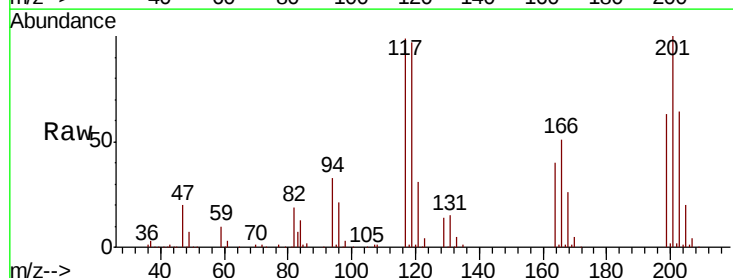
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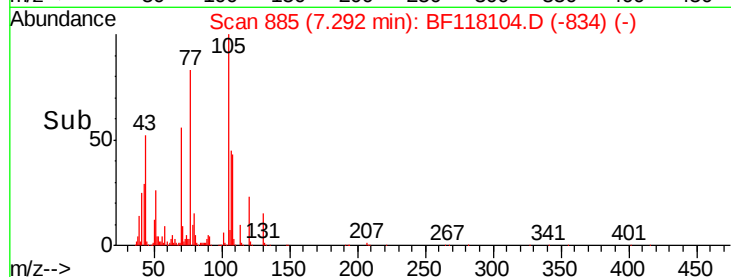
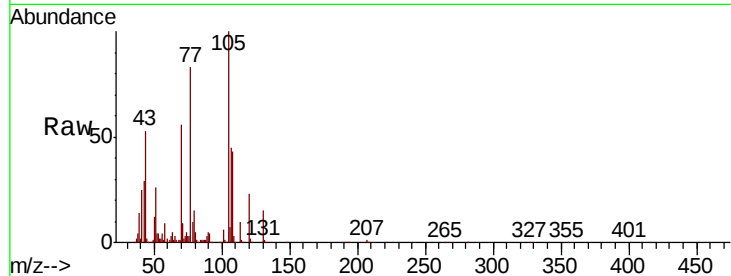
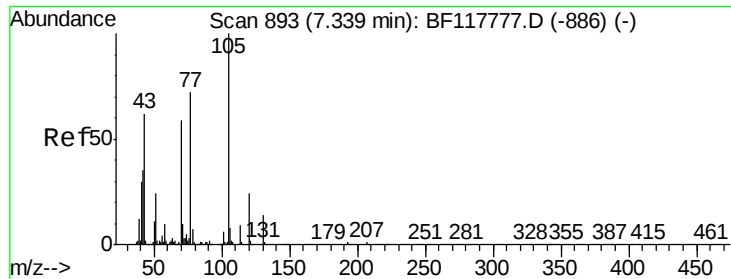
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#18
Hexachloroethane
Concen: 30.920 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.00 min
Lab File: BF118104.D
Acq: 4 Dec 2019 23:34

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.0	76.4	114.6	
201	101.0	71.7	107.5	





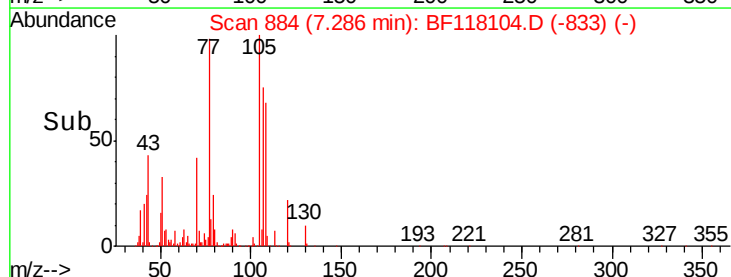
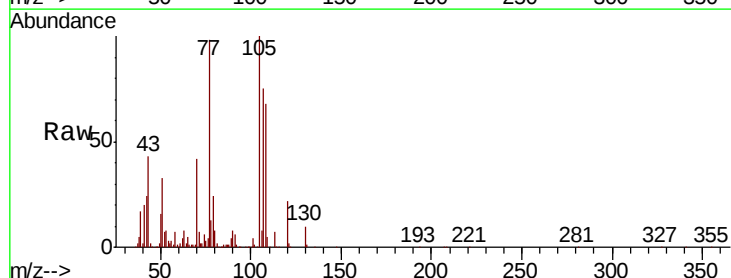
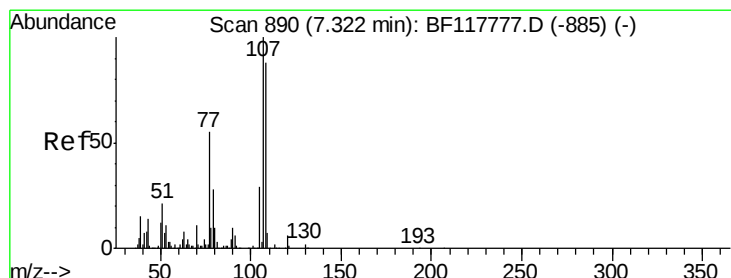
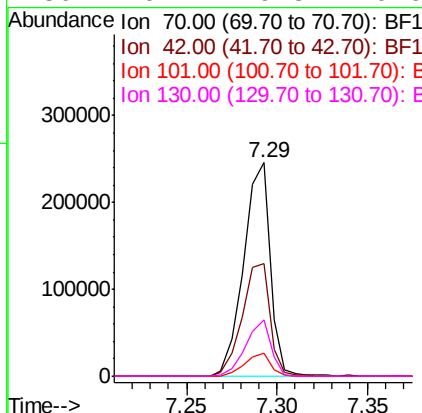
#19
n-Nitroso-di-n-propylamine
Concen: 33.886 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.00 min
Lab File: BF118104.D
Acq: 4 Dec 2019 23:34

Instrument :
BNA_F
ClientSampleId :
TR-05-112619MSD

Tot Ion	70	Resp	251436
Ion Ratio	Lower	Upper	
70	100		
42	52.8	46.0	69.0
101	11.0	8.8	13.2
130	26.2	19.8	29.6

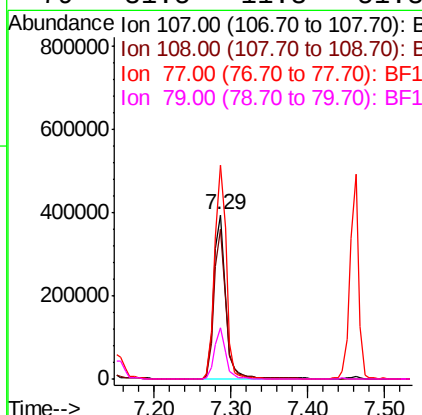
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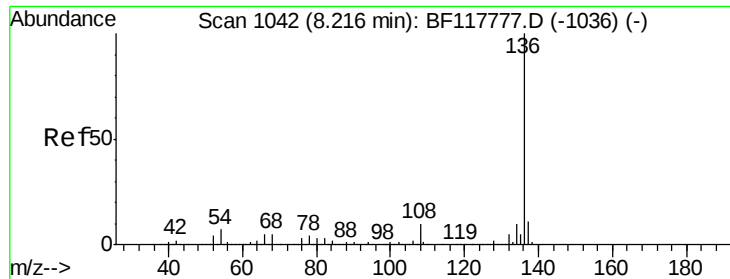
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#20
3+4-Methylphenols
Concen: 35.981 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF118104.D
Acq: 4 Dec 2019 23:34

Tgt Ion	107	Resp	409273
Ion Ratio	Lower	Upper	
107	100		
108	91.0	71.9	111.9
77	130.2	91.6	131.6
79	31.5	11.3	51.3





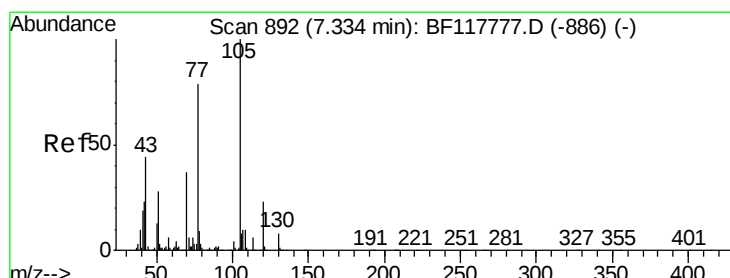
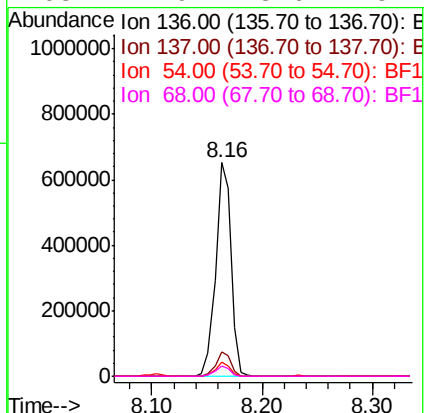
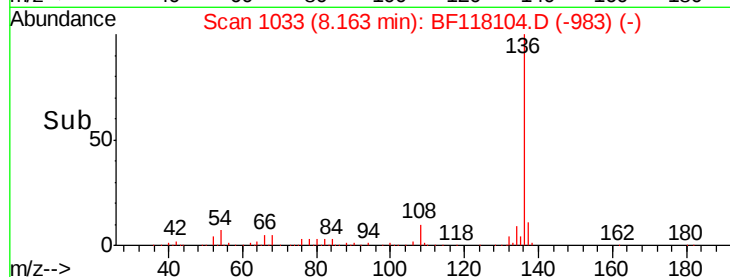
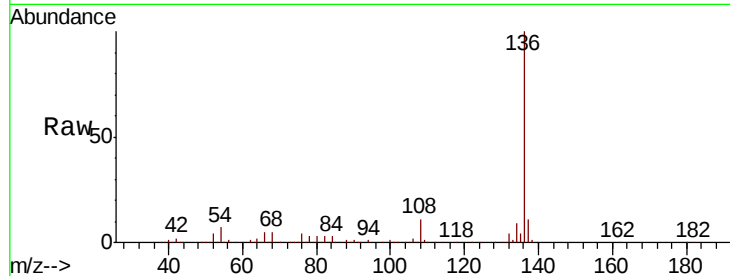
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF118104.D
Acq: 4 Dec 2019 23:34

Instrument :
BNA_F
ClientSampleId :
TR-05-112619MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	626492		
137	11.1	9.1	13.7	
54	6.7	4.9	7.3	
68	4.9	3.6	5.4	

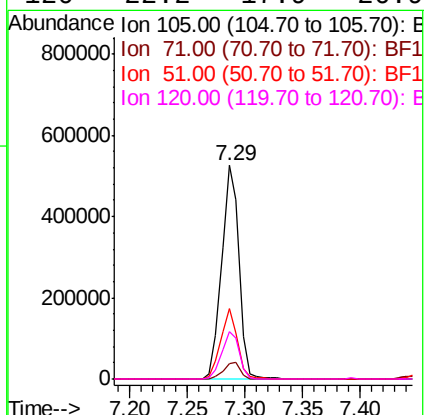
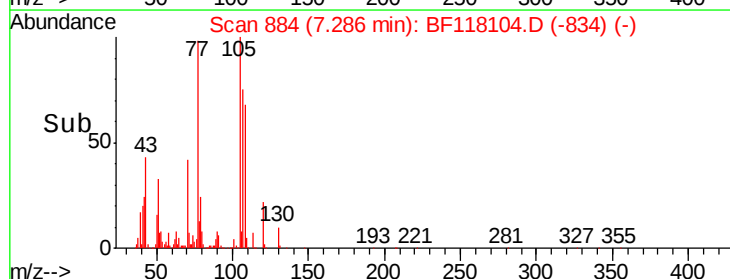
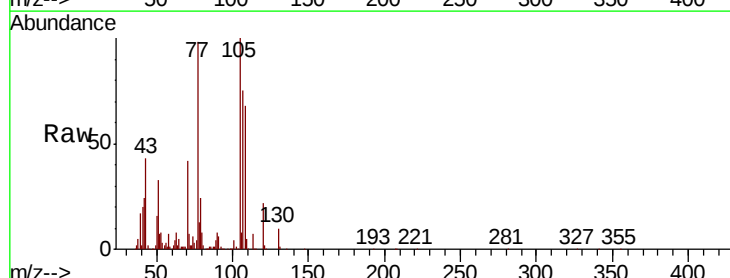
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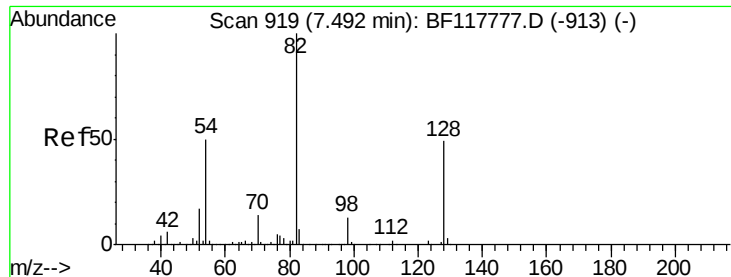
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#22
Acetophenone
Concen: 38.823 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF118104.D
Acq: 4 Dec 2019 23:34

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	546442		
71	7.0	5.9	8.9	
51	33.0	20.2	30.2	
120	22.2	17.9	26.9	





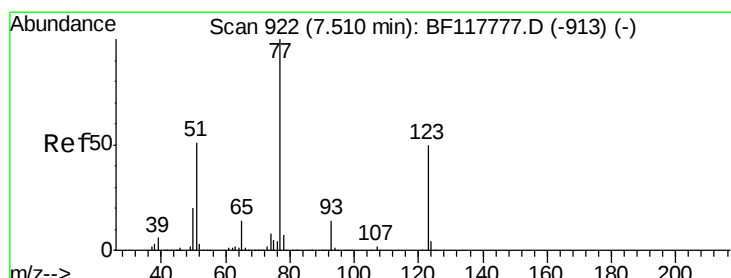
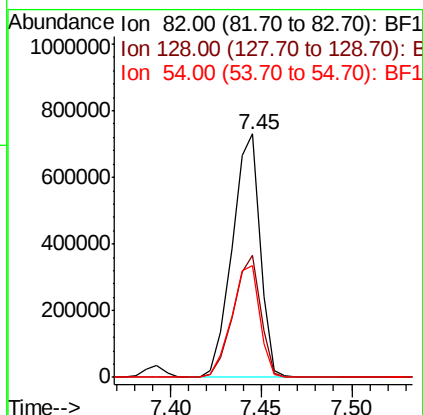
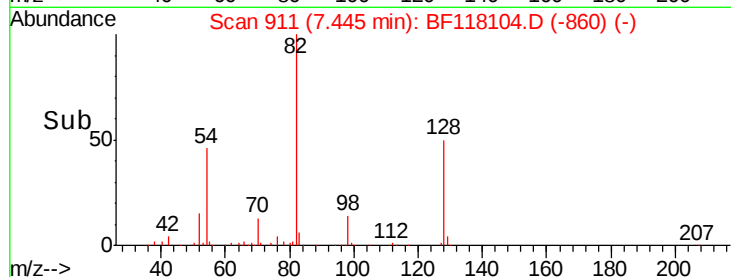
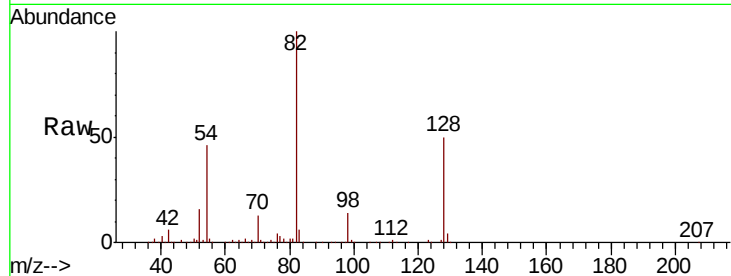
#23
 Nitrobenzene-d5
 Concen: 74.121 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.00 min
 Lab File: BF118104.D
 Acq: 4 Dec 2019 23:34

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-112619MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	50.2	38.2	57.4
54	46.0	39.0	58.4

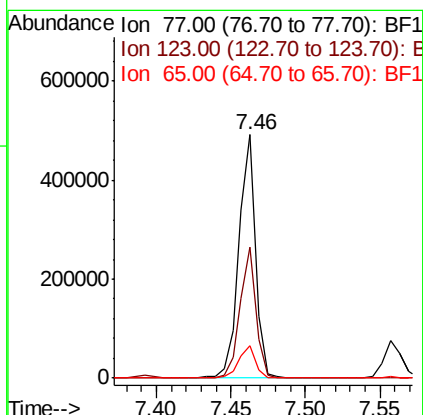
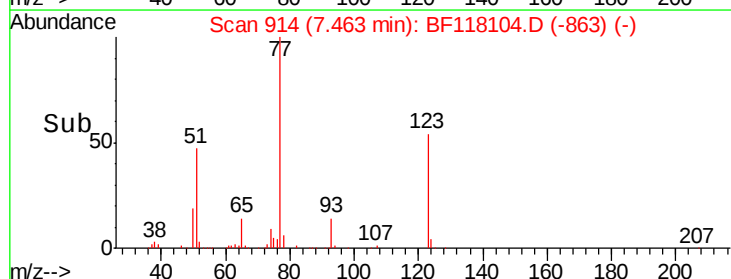
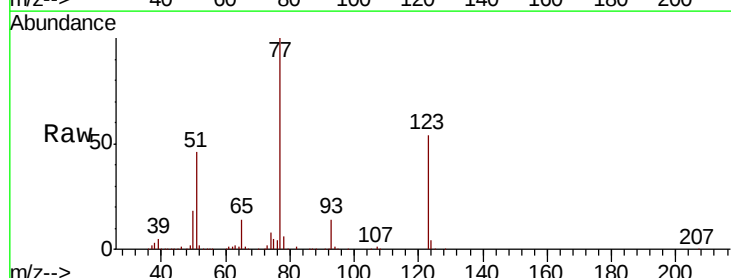
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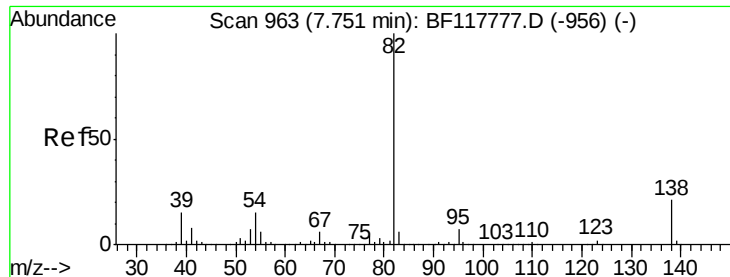
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#24
 Nitrobenzene
 Concen: 35.269 ng
 RT: 7.46 min Scan# 914
 Delta R.T. -0.00 min
 Lab File: BF118104.D
 Acq: 4 Dec 2019 23:34

Tgt Ion	Ratio	Lower	Upper
77	100		
123	53.6	38.2	57.2
65	13.5	11.1	16.7





#25

Isophorone

Concen: 37.943 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.00 min

Lab File: BF118104.D

Acq: 4 Dec 2019 23:34

Instrument :

BNA_F

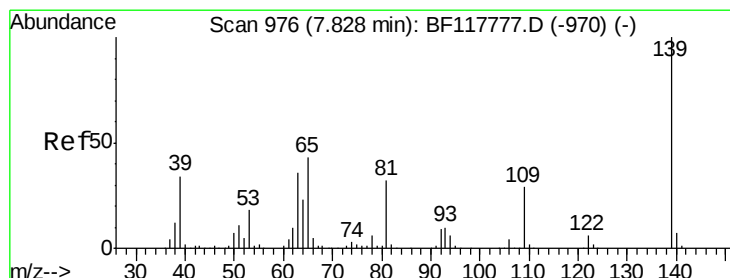
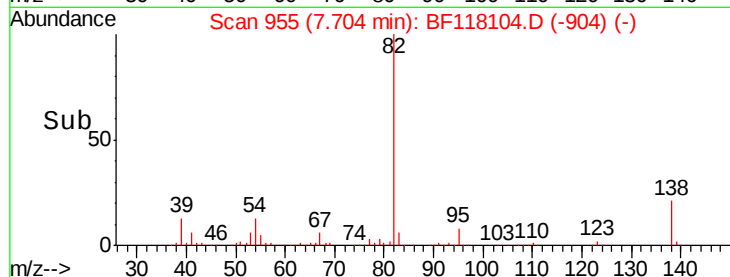
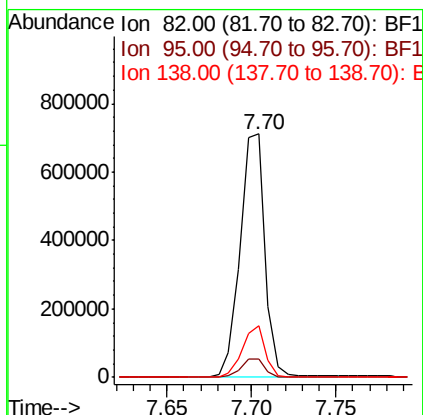
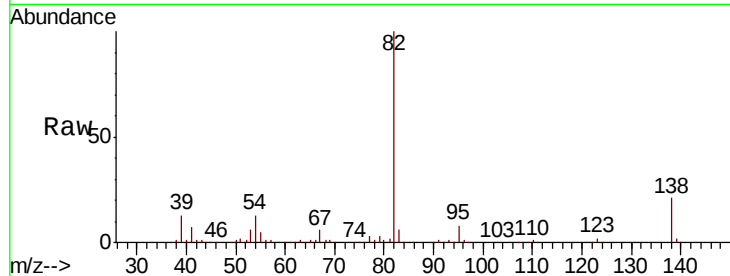
ClientSampleId :

TR-05-112619MSD

Tot Ion:	82	Resp:	732906
Ion Ratio	Lower	Upper	
82	100		
95	7.6	6.2	9.2
138	21.0	15.9	23.9

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#26

2-Nitrophenol

Concen: 42.958 ng

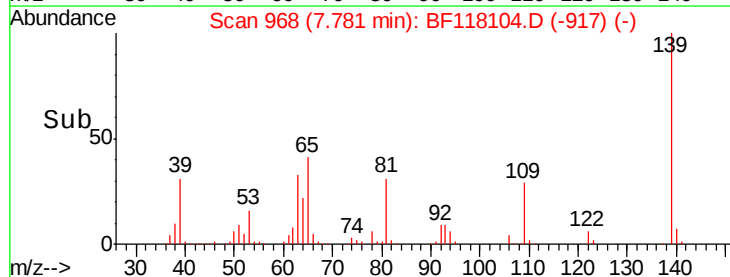
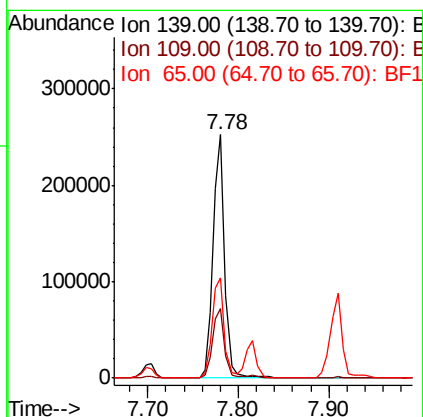
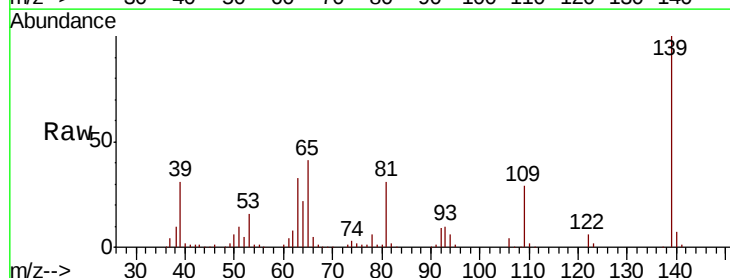
RT: 7.78 min Scan# 968

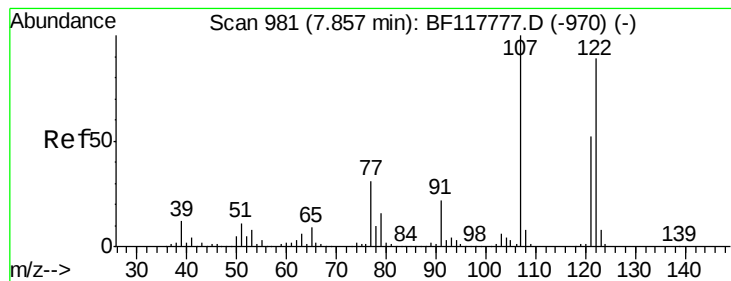
Delta R.T. -0.00 min

Lab File: BF118104.D

Acq: 4 Dec 2019 23:34

Tgt Ion:	139	Resp:	227325
Ion Ratio	Lower	Upper	
139	100		
109	28.6	23.8	35.6
65	41.2	36.2	54.4





#27

2,4-Dimethylphenol

Concen: 43.776 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.00 min

Lab File: BF118104.D

Acq: 4 Dec 2019 23:34

Instrument :

BNA_F

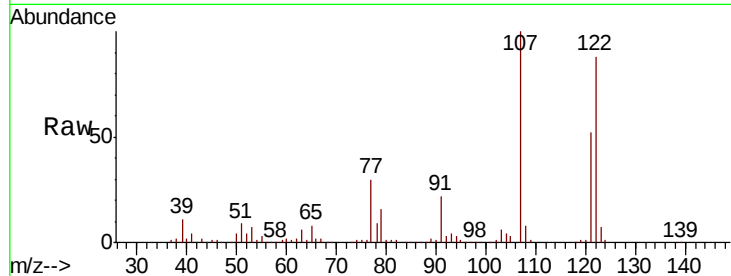
ClientSampleId :

TR-05-112619MSD

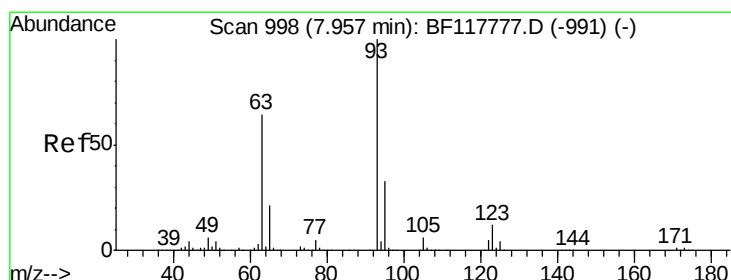
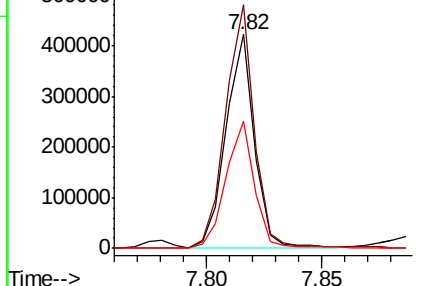
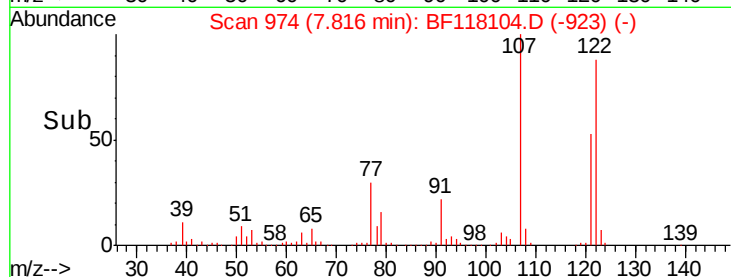
Tot Ion:	122	Resp:	359964
Ion Ratio	Lower	Upper	
122	100		
107	114.0	92.6	138.8
121	59.8	46.9	70.3

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



#28

bis(2-Chloroethoxy)methane

Concen: 31.792 ng

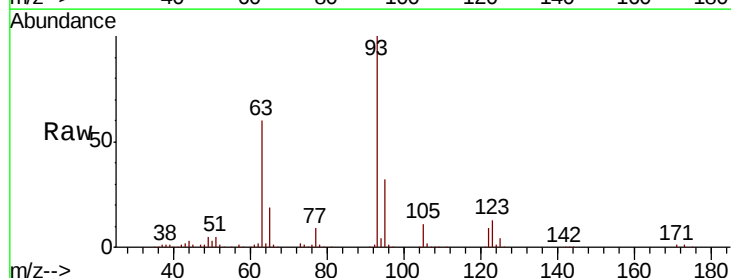
RT: 7.91 min Scan# 990

Delta R.T. -0.00 min

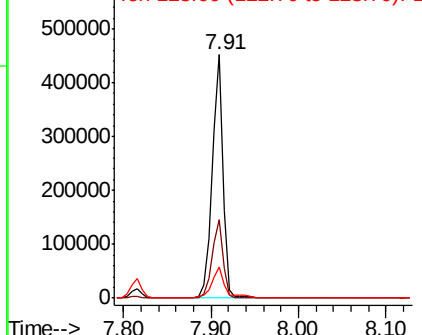
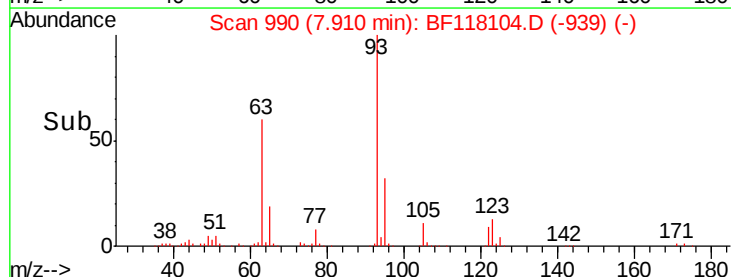
Lab File: BF118104.D

Acq: 4 Dec 2019 23:34

Tgt Ion:	93	Resp:	389686
Ion Ratio	Lower	Upper	
93	100		
95	32.3	26.4	39.6
123	13.0	10.2	15.4



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





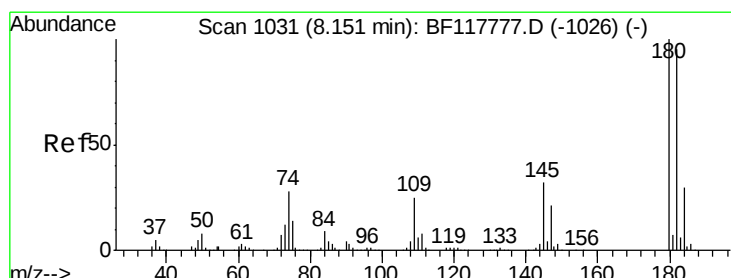
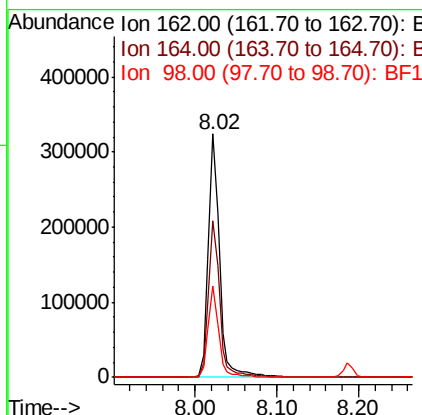
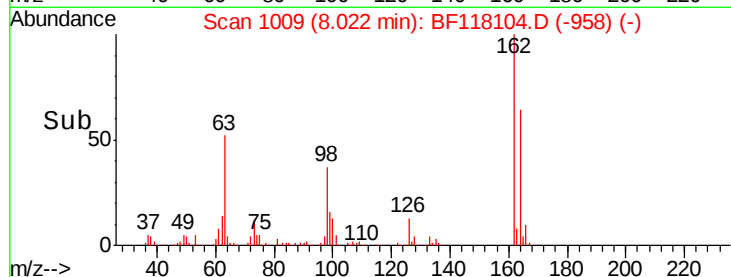
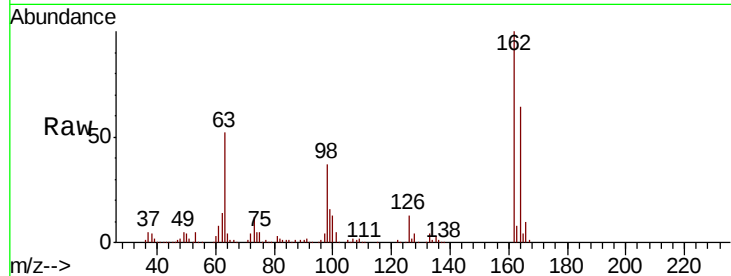
#29
2,4-Dichlorophenol
Concen: 34.598 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BF118104.D
Acq: 4 Dec 2019 23:34

Instrument :
BNA_F
ClientSampleId :
TR-05-112619MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	308592		
164	64.1	42.9	82.9	
98	37.5	16.7	56.7	

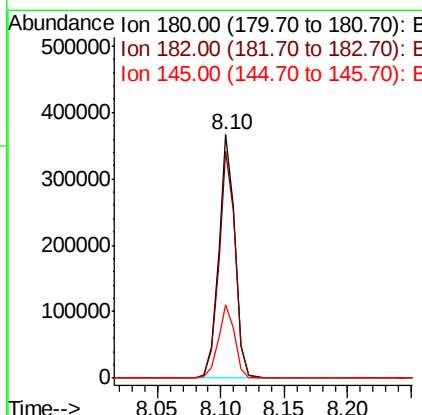
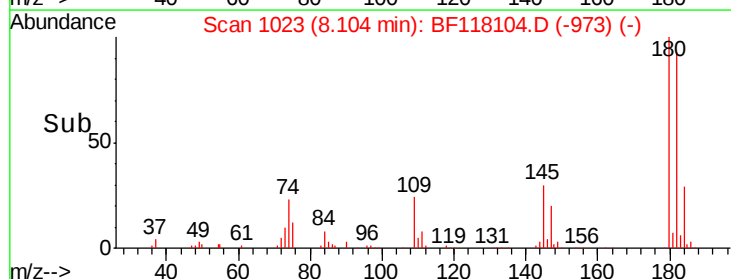
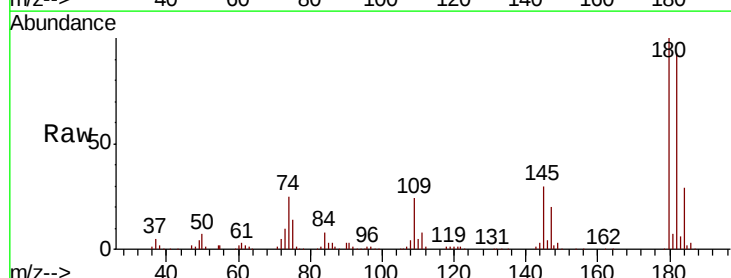
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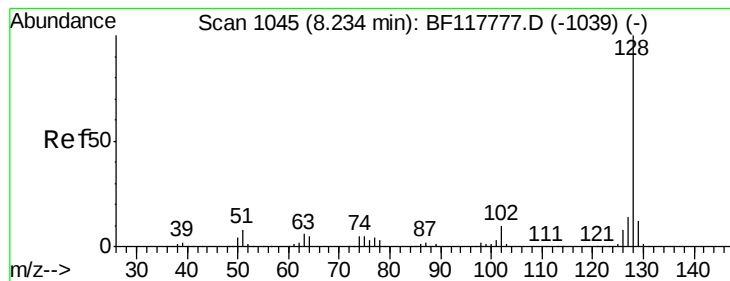
mohammad
12/5/2019 10:50:52 AM



#30
1,2,4-Trichlorobenzene
Concen: 31.810 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF118104.D
Acq: 4 Dec 2019 23:34

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	329107		
182	93.4	76.6	114.8	
145	30.4	25.1	37.7	





#31

Naphthalene

Concen: 38.729 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF118104.D

Acq: 4 Dec 2019 23:34

Instrument :

BNA_F

ClientSampleId :

TR-05-112619MSD

Tot Ion:128 Resp: 1131143

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

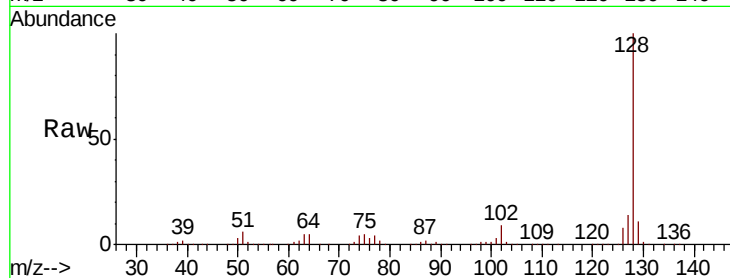
127 13.7 10.6 16.0

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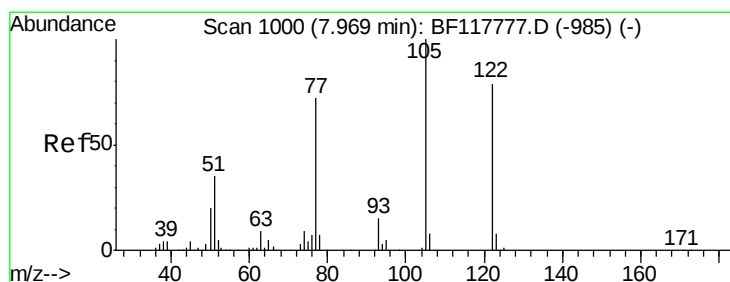
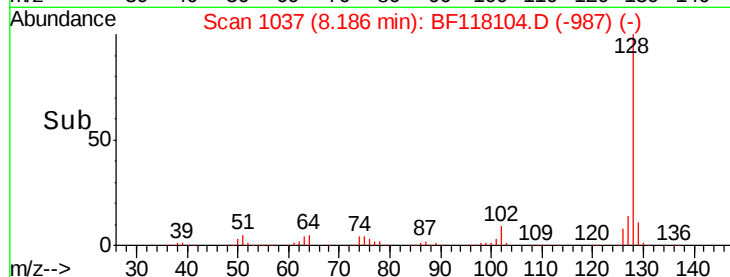
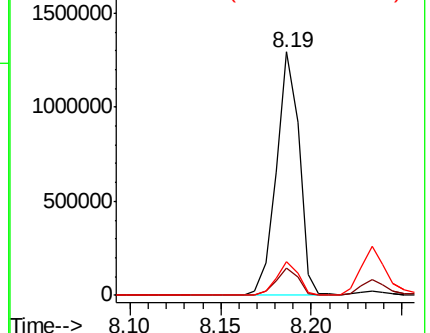
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 28.765 ng

RT: 7.94 min Scan# 995

Delta R.T. -0.00 min

Lab File: BF118104.D

Acq: 4 Dec 2019 23:34

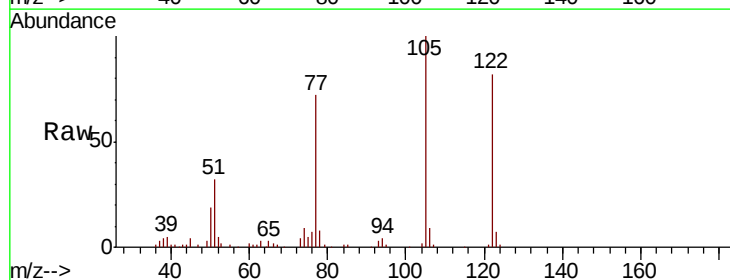
Tgt Ion:122 Resp: 198052

Ion Ratio Lower Upper

122 100

105 121.5 101.4 141.4

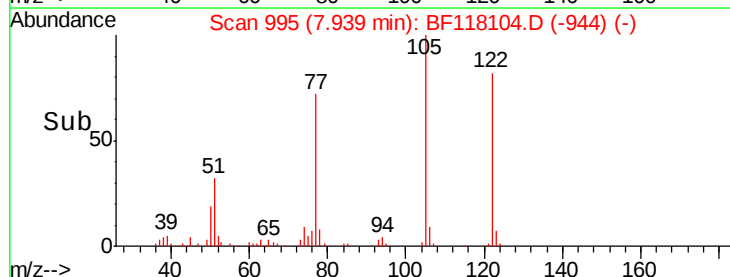
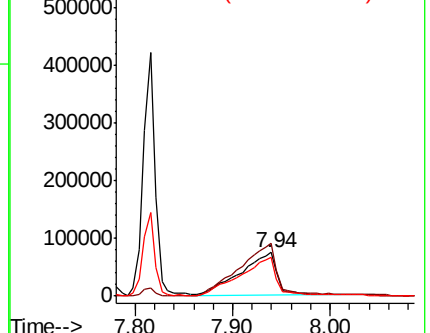
77 87.7 66.4 106.4

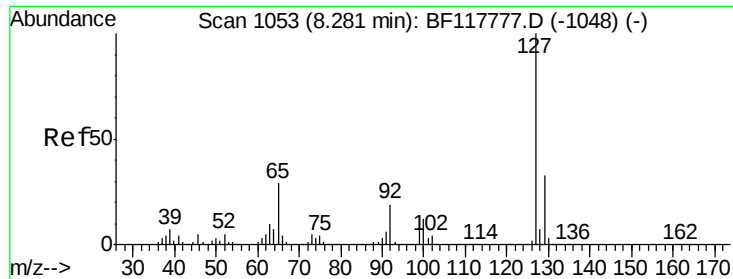


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





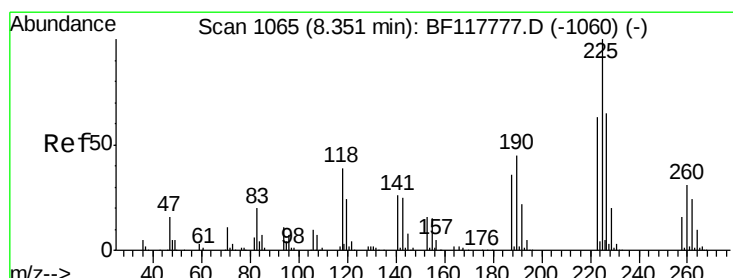
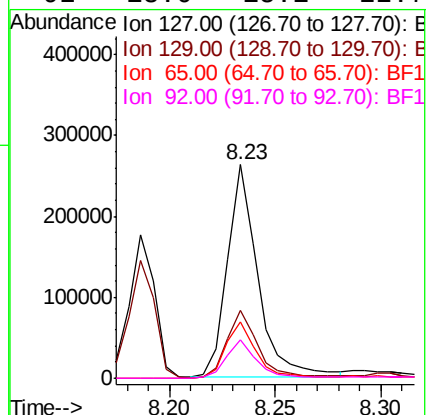
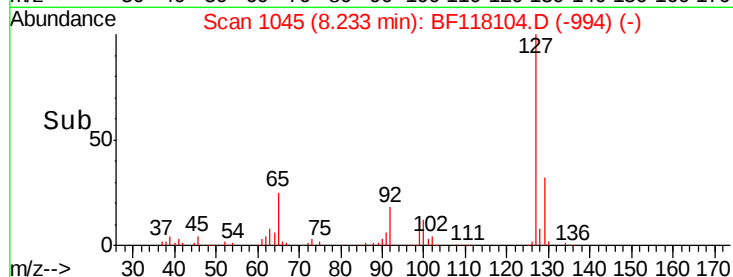
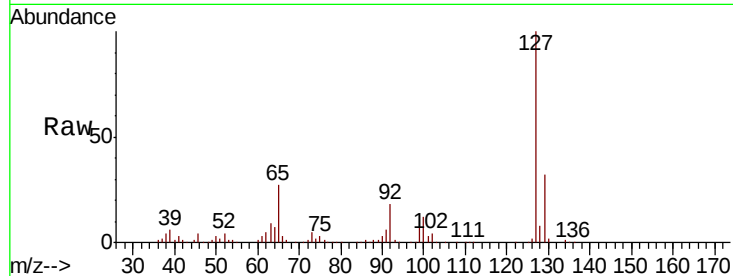
#33
4-Chloroaniline
Concen: 20.214 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BF118104.D
Acq: 4 Dec 2019 23:34

Instrument :
BNA_F
ClientSampleId :
TR-05-112619MSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100	264298		
129	31.9	25.4	38.0	
65	26.6	23.4	35.0	
92	18.0	15.1	22.7	

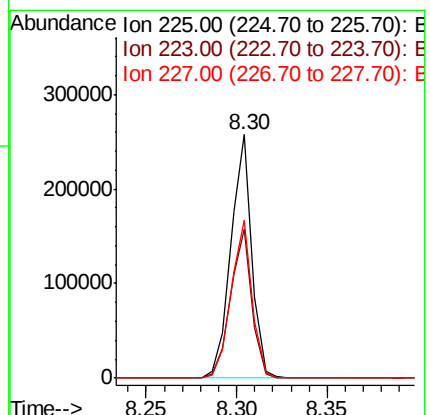
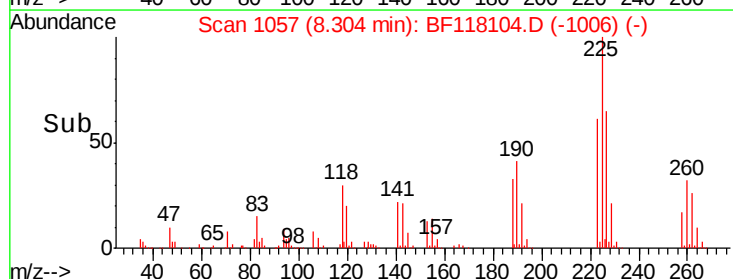
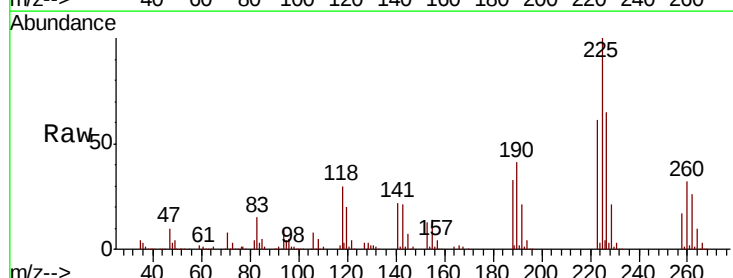
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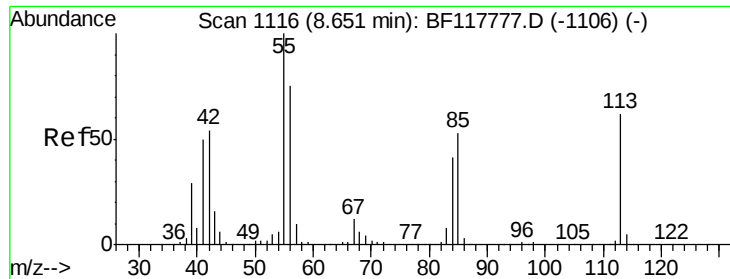
mohammad
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#34
Hexachlorobutadiene
Concen: 34.166 ng
RT: 8.30 min Scan# 1057
Delta R.T. -0.00 min
Lab File: BF118104.D
Acq: 4 Dec 2019 23:34

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	206671		
223	61.0	51.4	77.2	
227	64.6	52.6	78.8	





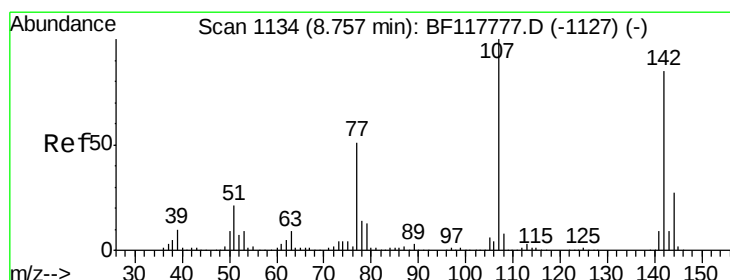
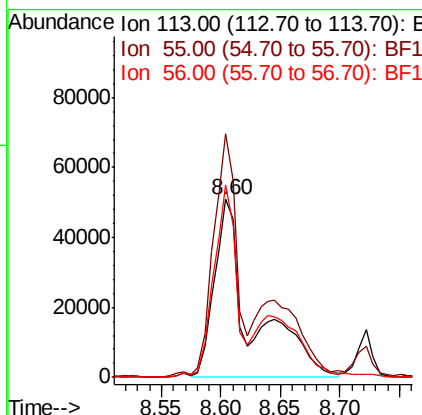
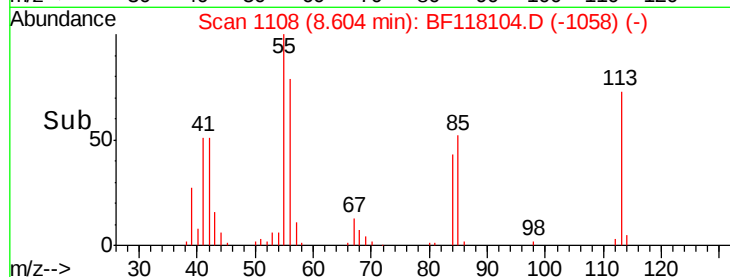
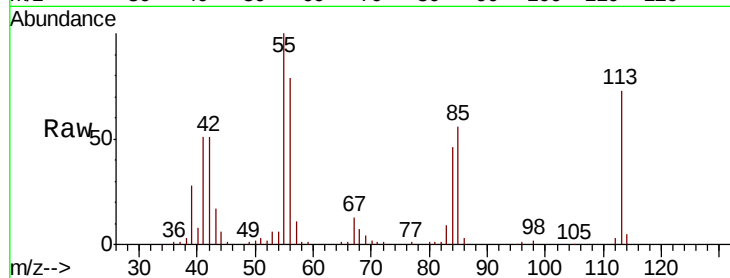
#35
Caprolactam
Concen: 38.777 ng/ml
RT: 8.60 min Scan# 1108
Delta R.T. -0.01 min
Lab File: BF118104.D
Acq: 4 Dec 2019 23:34

Instrument :
BNA_F
ClientSampleId :
TR-05-112619MSD

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	136.8	125.5	165.5	
56	108.0	88.0	128.0	

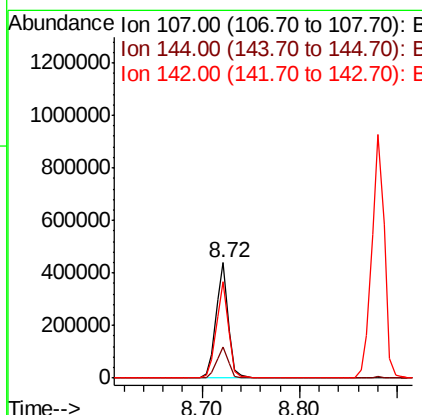
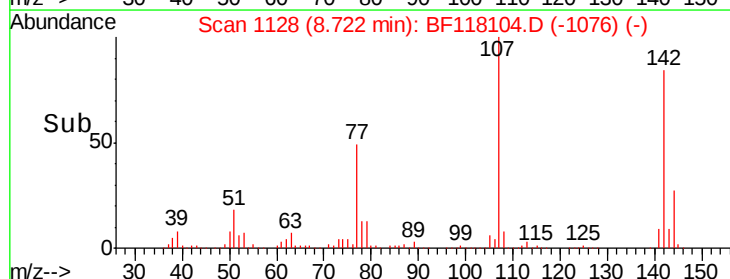
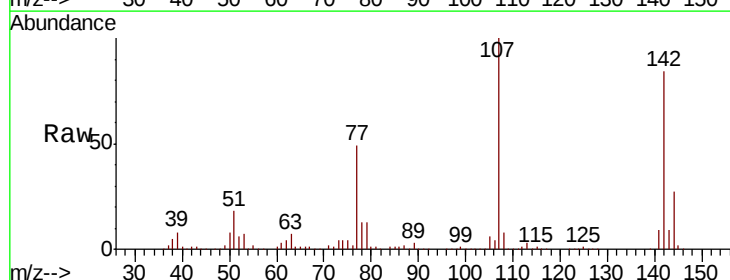
Manual Integrations
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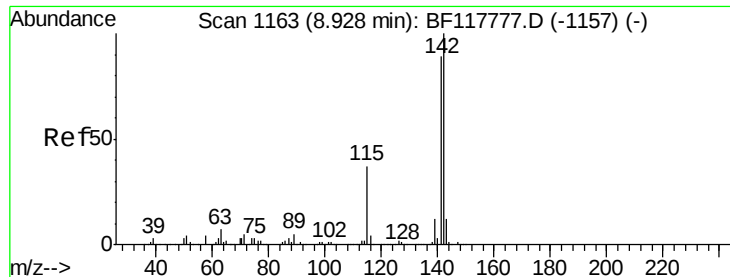
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#36
4-Chloro-3-methylphenol
Concen: 42.269 ng/ml
RT: 8.72 min Scan# 1128
Delta R.T. 0.01 min
Lab File: BF118104.D
Acq: 4 Dec 2019 23:34

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	26.8	20.6	30.8	
142	84.1	62.5	93.7	





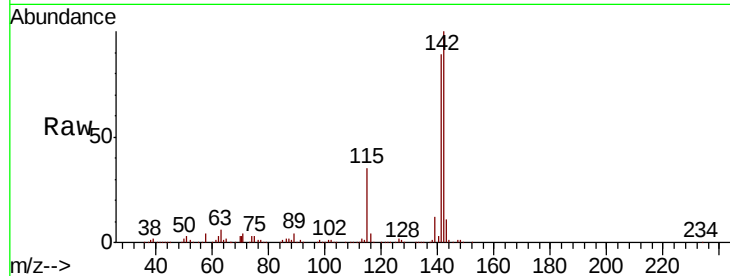
#37
2-Methylnaphthalene
Concen: 42.244 ng
RT: 8.88 min Scan# 1155
Delta R.T. -0.00 min
Lab File: BF118104.D
Acq: 4 Dec 2019 23:34

Instrument :
BNA_F
ClientSampleId :
TR-05-112619MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	70.2	105.4
115	35.0	29.2	43.8

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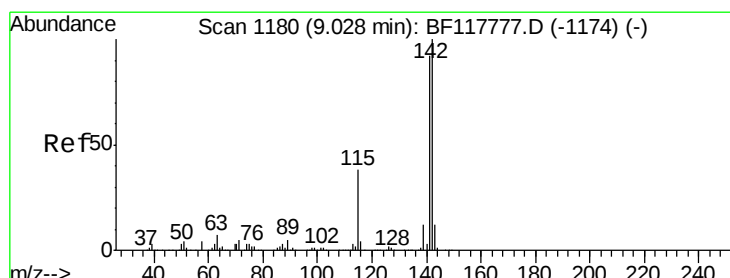
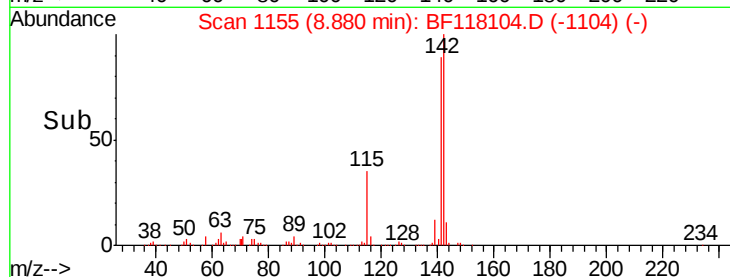
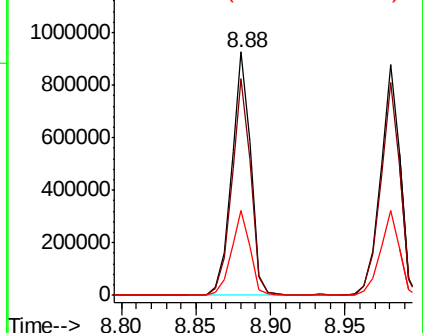


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 41.570 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.00 min
Lab File: BF118104.D
Acq: 4 Dec 2019 23:34

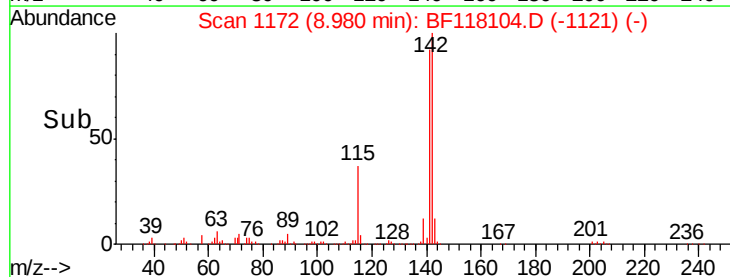
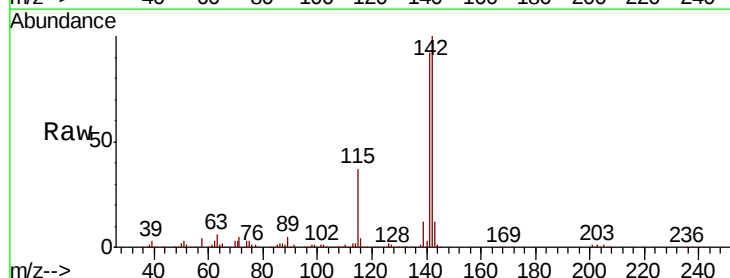
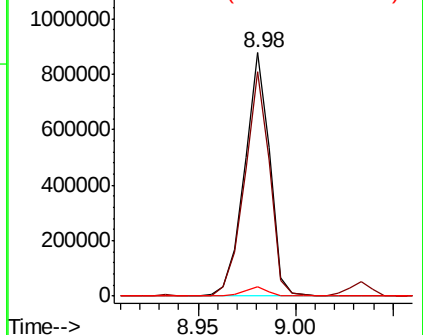
Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.3	73.6	110.4
116	3.7	3.1	4.7

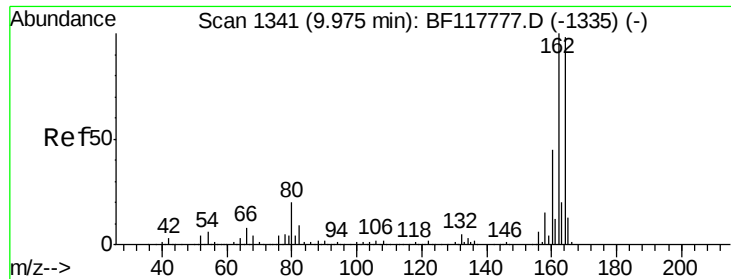
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





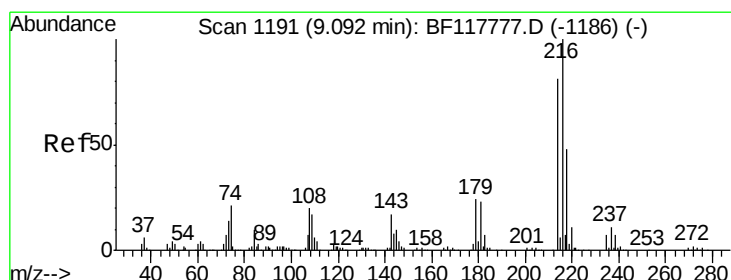
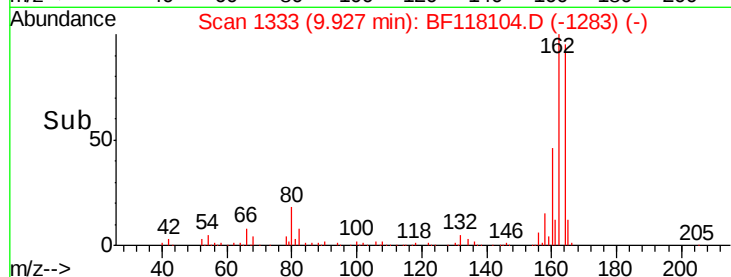
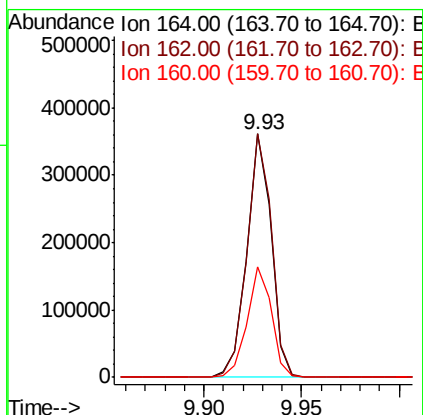
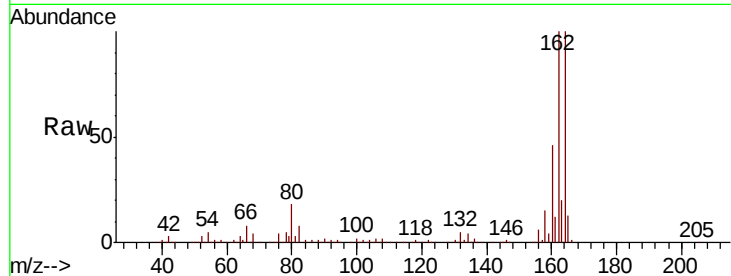
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF118104.D
Acq: 4 Dec 2019 23:34

Instrument :
BNA_F
ClientSampleId :
TR-05-112619MSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	100.1	81.8	122.8	
160	45.6	35.9	53.9	

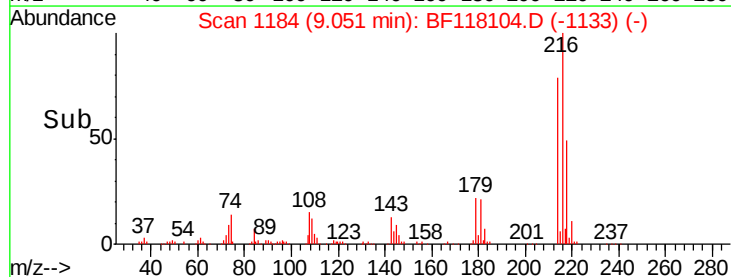
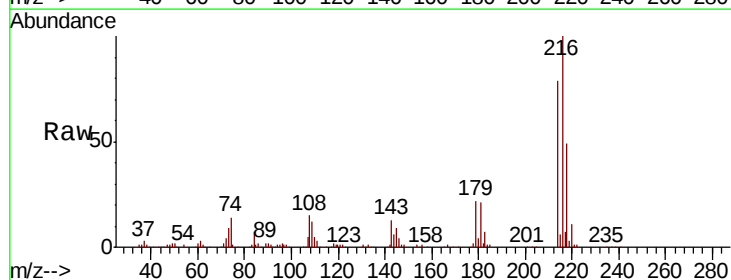
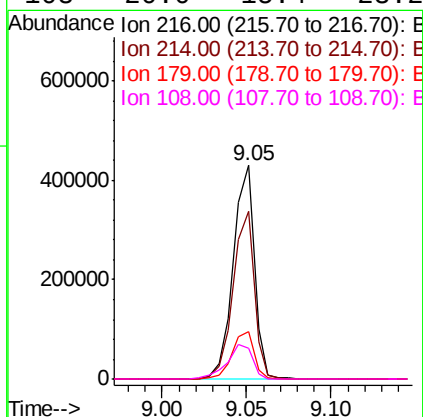
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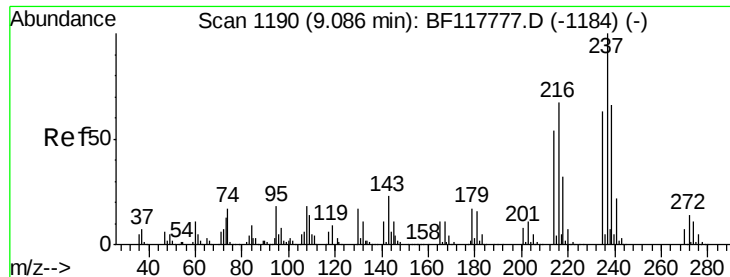
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.071 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.00 min
Lab File: BF118104.D
Acq: 4 Dec 2019 23:34

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.8	63.0	94.4	
179	22.8	18.5	27.7	
108	20.0	15.4	23.2	





#41

Hexachlorocyclopentadiene

Concen: 67.752 ng

RT: 9.03 min Scan# 1181

Delta R.T. -0.00 min

Lab File: BF118104.D

Acq: 4 Dec 2019 23:34

Instrument :

BNA_F

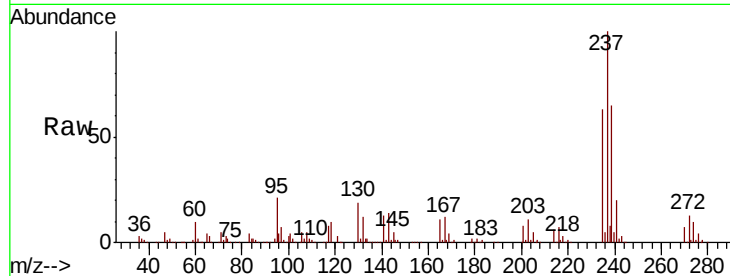
ClientSampleId :

TR-05-112619MSD

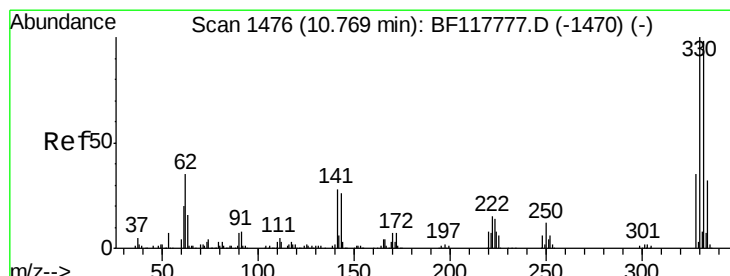
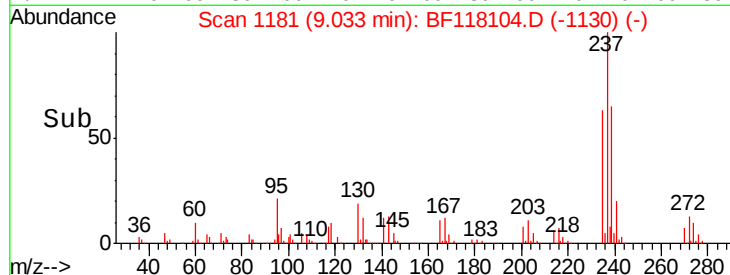
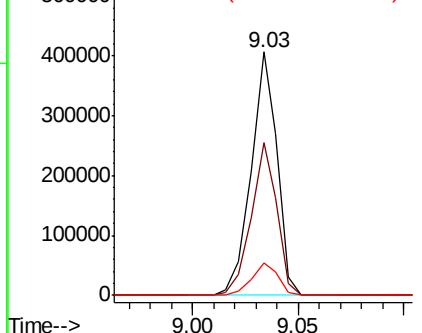
Tot Ion:	237	Resp:	345197
Ion Ratio		Lower	Upper
237	100		
235	62.6	43.7	83.7
272	13.2	0.0	32.7

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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: 130.905 ng

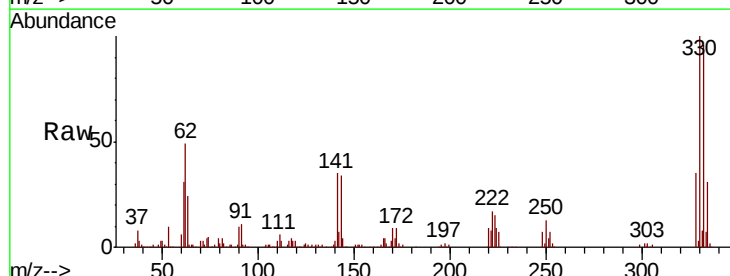
RT: 10.72 min Scan# 1468

Delta R.T. -0.00 min

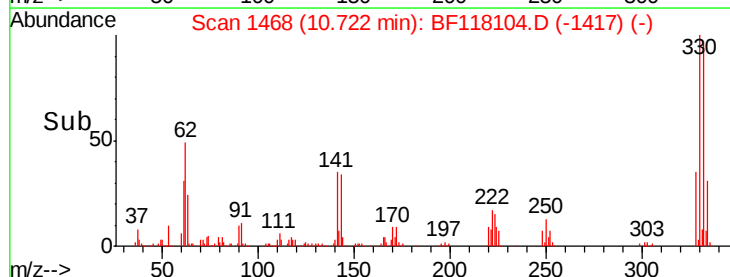
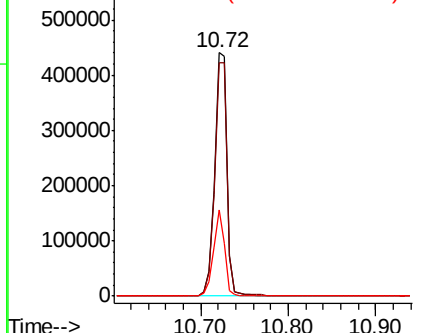
Lab File: BF118104.D

Acq: 4 Dec 2019 23:34

Tgt Ion:	330	Resp:	433874
Ion Ratio		Lower	Upper
330	100		
332	96.4	78.3	117.5
141	31.6	26.4	39.6



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





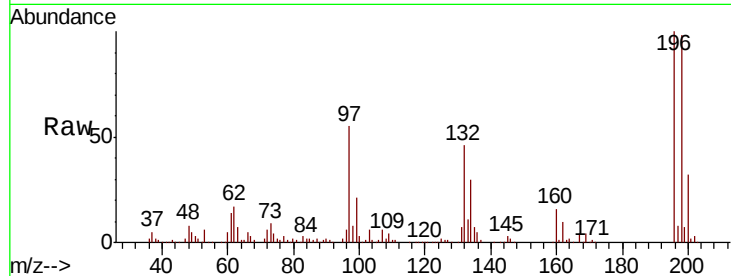
#43
 2,4,6-Trichlorophenol
 Concen: 38.743 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.00 min
 Lab File: BF118104.D
 Acq: 4 Dec 2019 23:34

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-112619MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	252299		
198	97.7	76.9	115.3	
200	32.0	24.2	36.4	

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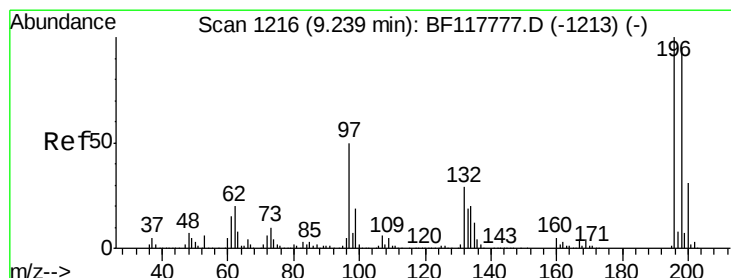
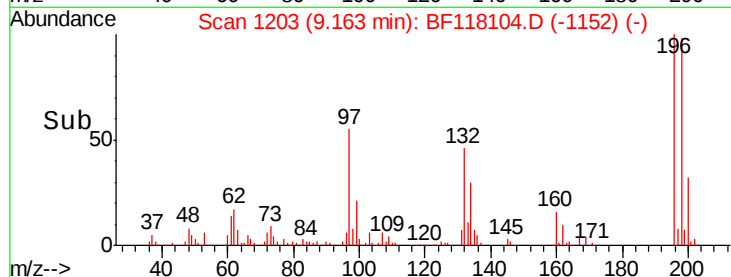
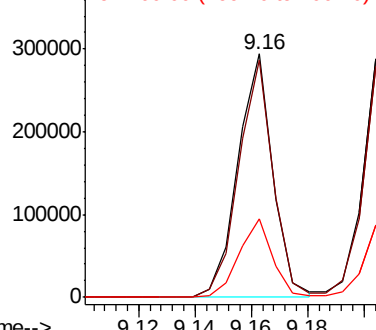


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 42.569 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.00 min
 Lab File: BF118104.D
 Acq: 4 Dec 2019 23:34

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	287823		
198	97.0	78.1	117.1	
97	53.7	37.4	56.2	
132	31.3	22.7	34.1	

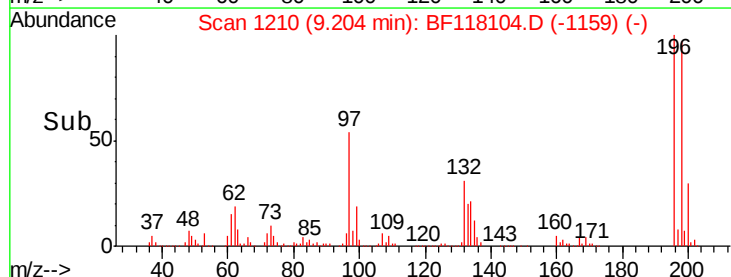
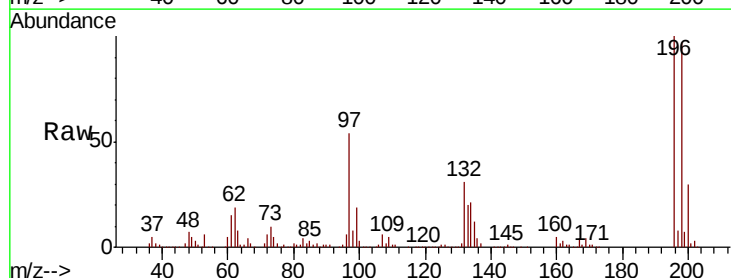
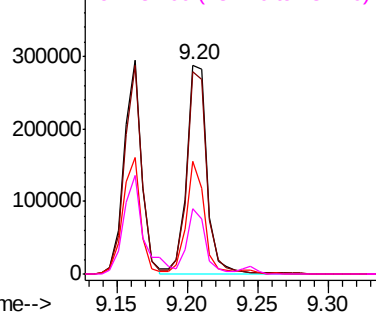
Abundance

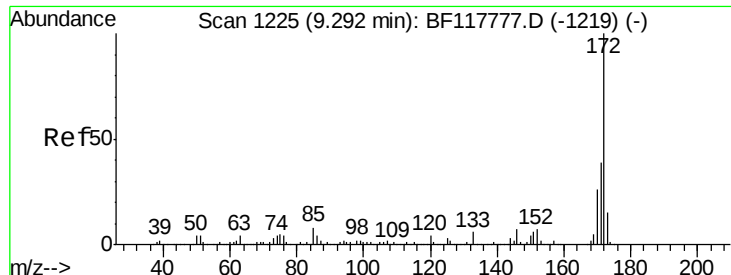
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





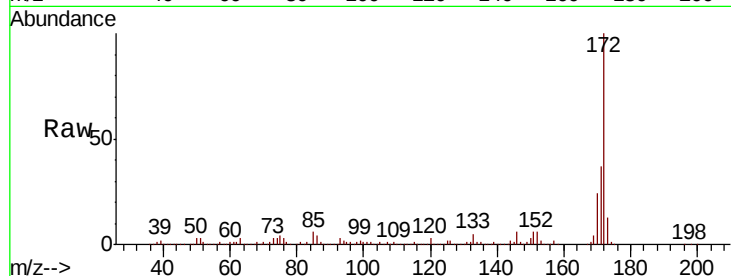
#45
2-Fluorobiphenyl
Concen: 92.710 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.00 min
Lab File: BF118104.D
Acq: 4 Dec 2019 23:34

Instrument :
BNA_F
ClientSampleId :
TR-05-112619MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.2	43.8
170	24.4	19.3	28.9

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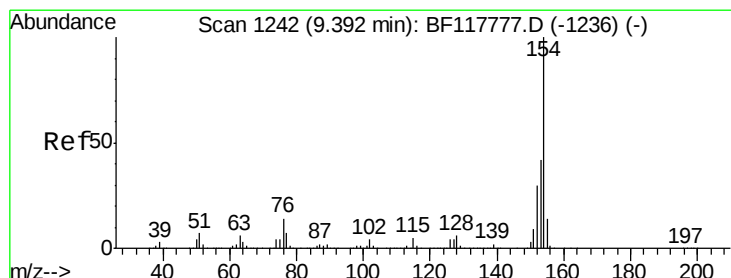
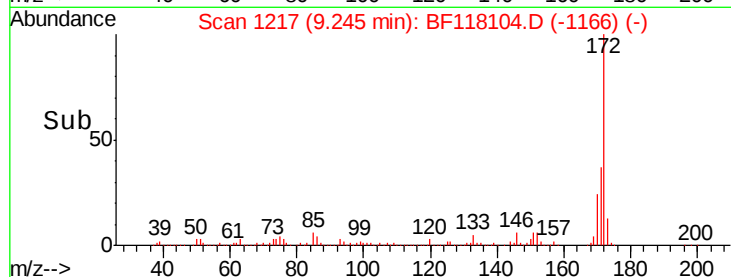
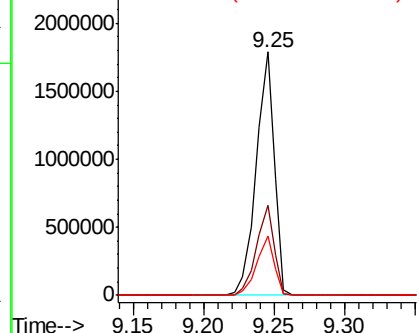


Abundance

Ion 172.00 (171.70 to 172.70): E

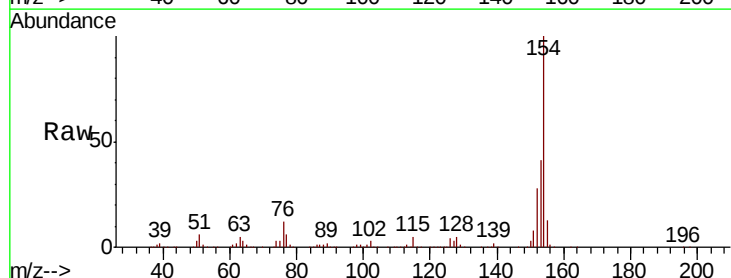
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 43.579 ng
RT: 9.35 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BF118104.D
Acq: 4 Dec 2019 23:34

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	21.1	61.1
76	12.1	0.0	30.8

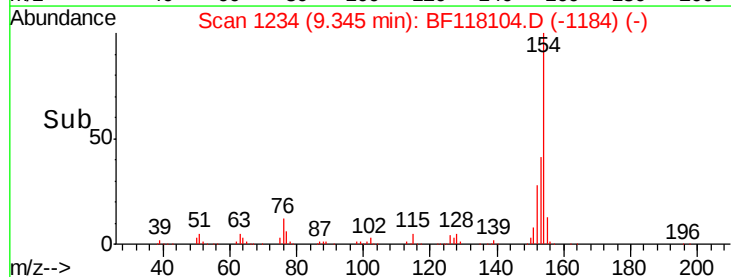
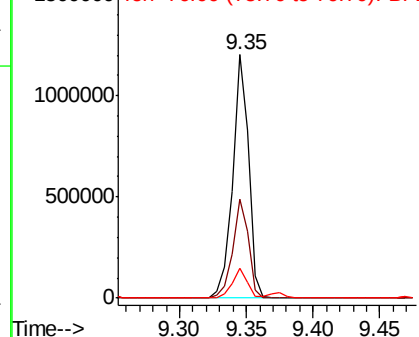


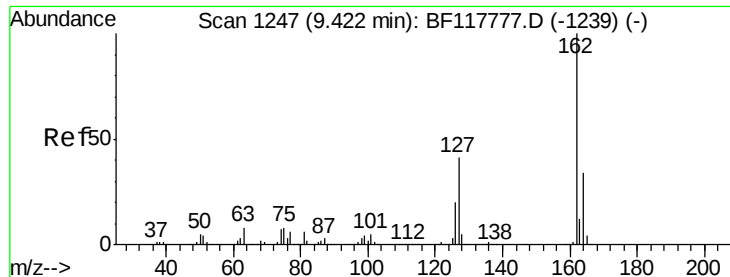
Abundance

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





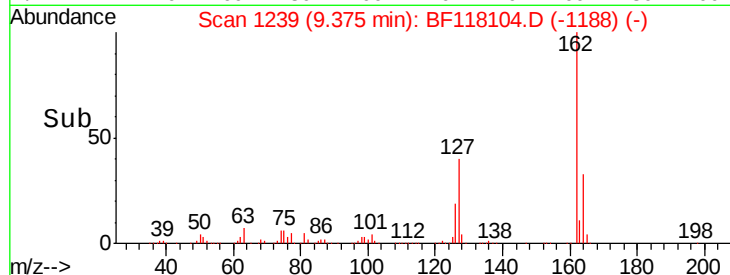
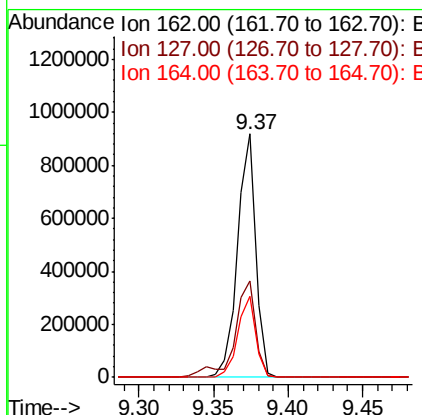
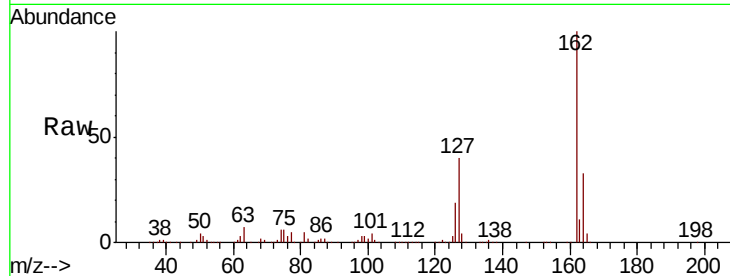
#47
2-Chloronaphthalene
Concen: 41.383 ng
RT: 9.37 min Scan# 1239
Delta R.T. -0.00 min
Lab File: BF118104.D
Acq: 4 Dec 2019 23:34

Instrument :
BNA_F
ClientSampleId :
TR-05-112619MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.8	34.6	52.0
164	33.3	26.0	39.0

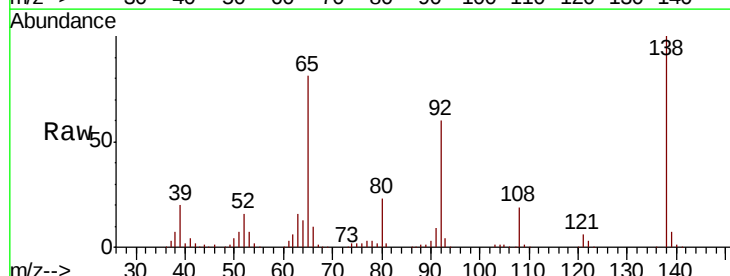
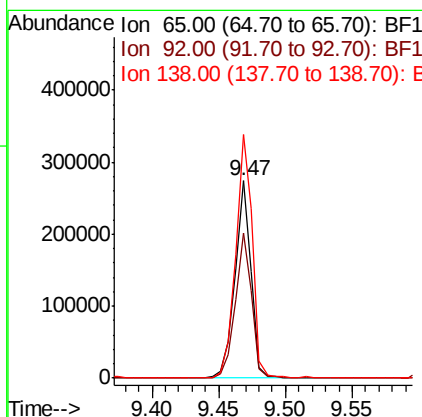
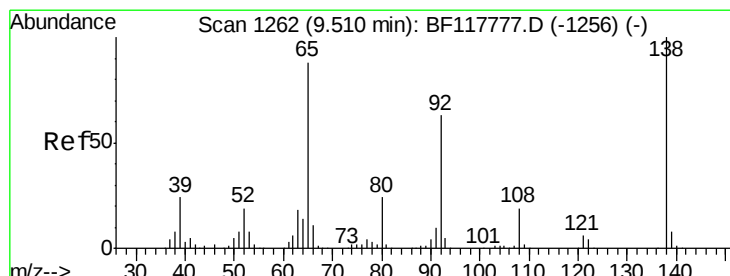
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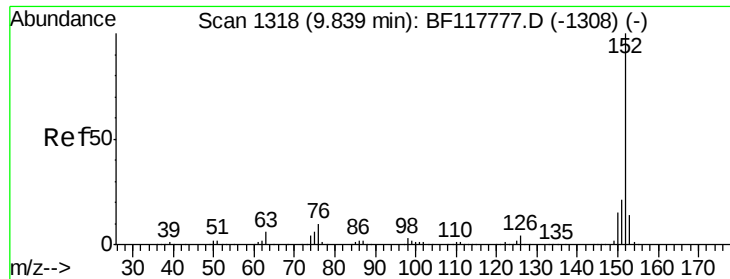
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#48
2-Nitroaniline
Concen: 40.331 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.00 min
Lab File: BF118104.D
Acq: 4 Dec 2019 23:34

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.6	57.9	86.9
138	123.6	96.2	144.2





#49

Acenaphthylene

Concen: 37.964 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.00 min

Lab File: BF118104.D

Acq: 4 Dec 2019 23:34

Instrument :

BNA_F

ClientSampleId :

TR-05-112619MSD

Tot Ion:152 Resp: 1057588

Ion Ratio Lower Upper

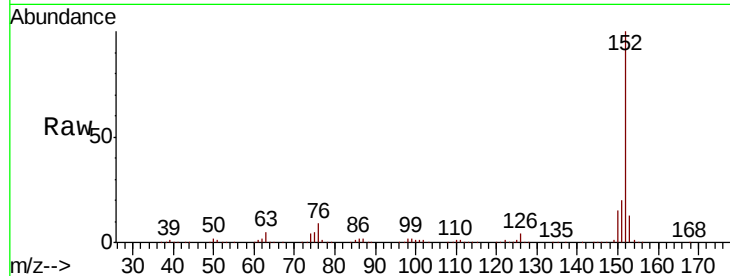
152 100

151 20.4 16.7 25.1

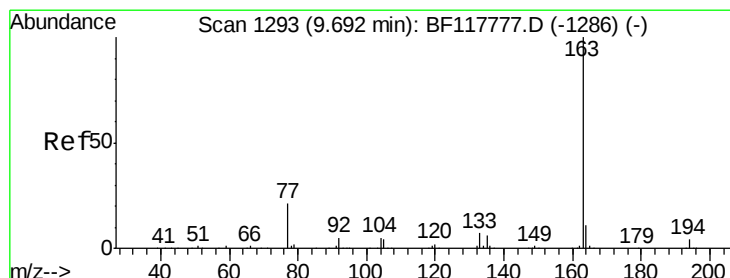
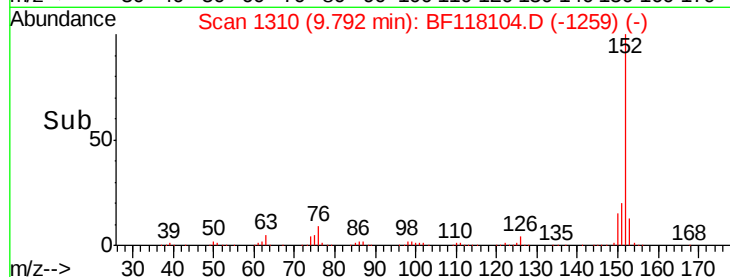
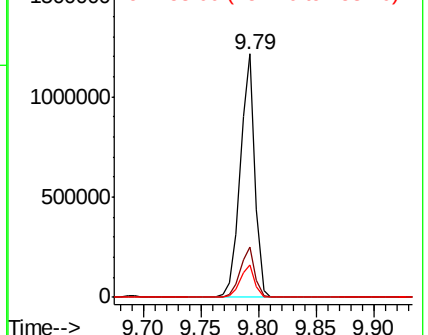
153 13.2 11.1 16.7

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



#50

Dimethylphthalate

Concen: 43.503 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BF118104.D

Acq: 4 Dec 2019 23:34

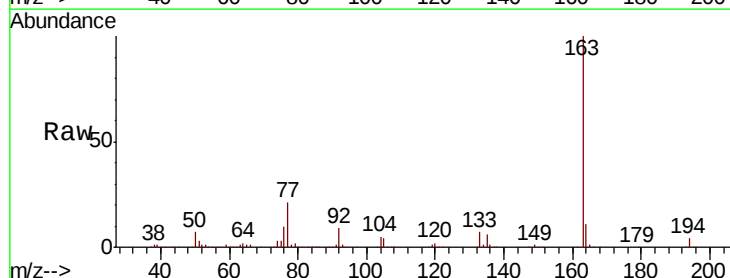
Tgt Ion:163 Resp: 955046

Ion Ratio Lower Upper

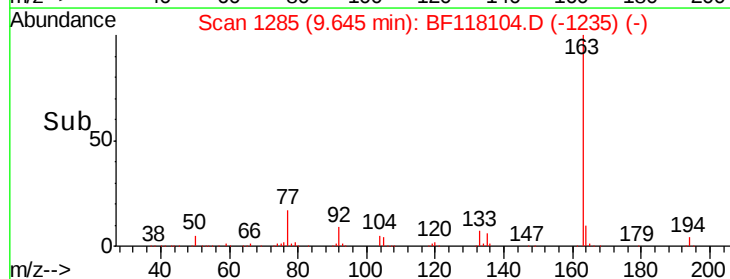
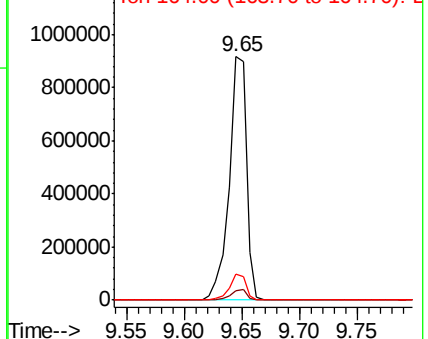
163 100

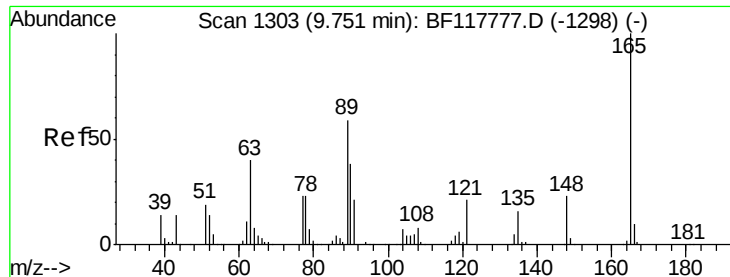
194 3.9 3.1 4.7

164 10.6 7.9 11.9



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





#51

2,6-Dinitrotoluene

Concen: 38.047 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.00 min

Lab File: BF118104.D

Acq: 4 Dec 2019 23:34

Instrument :

BNA_F

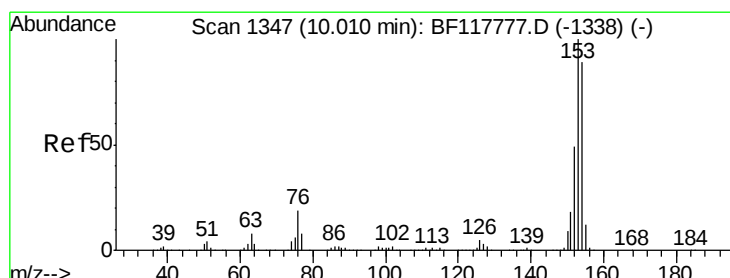
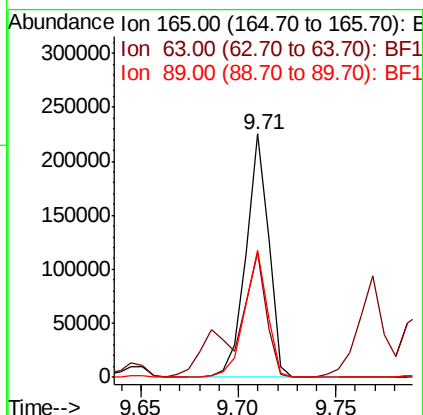
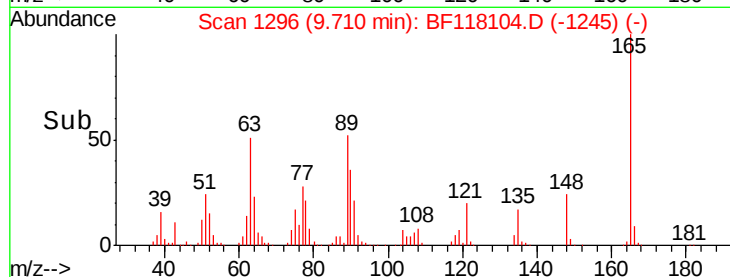
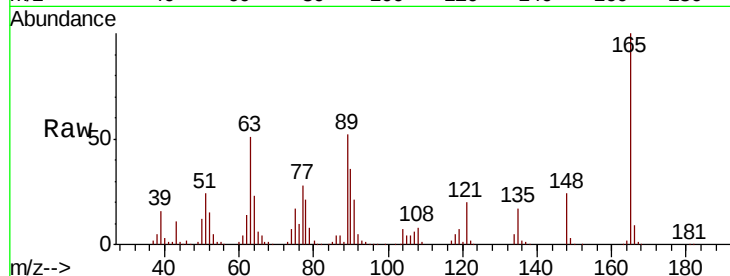
ClientSampleId :

TR-05-112619MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	182551		
63	51.1	43.9	65.9	
89	52.1	45.5	68.3	

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#52

Acenaphthene

Concen: 34.216 ng

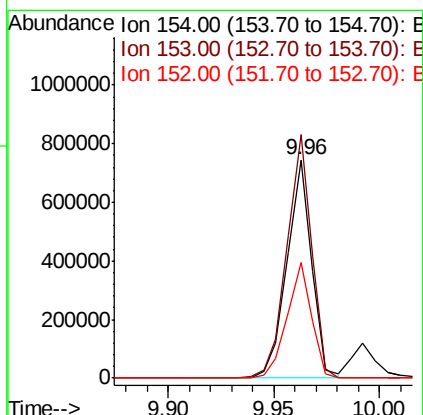
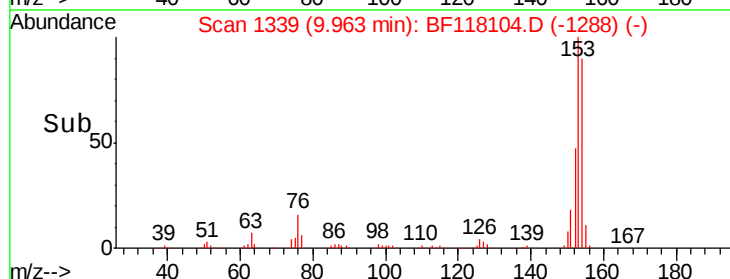
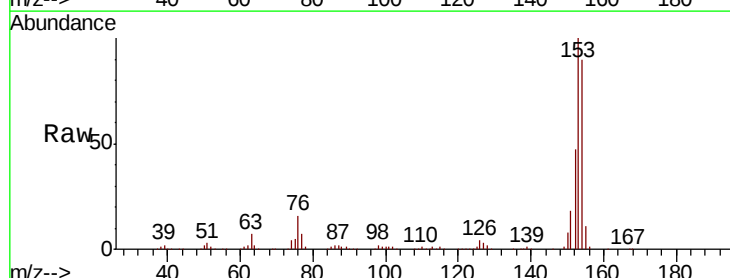
RT: 9.96 min Scan# 1339

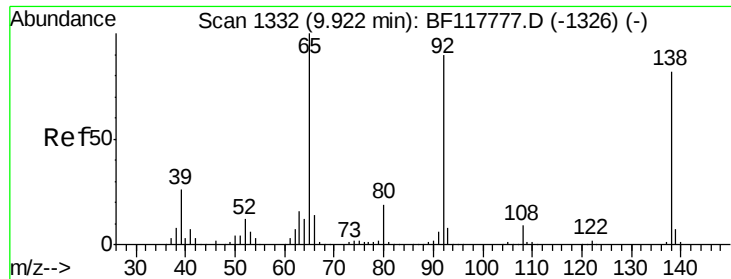
Delta R.T. -0.00 min

Lab File: BF118104.D

Acq: 4 Dec 2019 23:34

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	610603		
153	111.7	91.2	136.8	
152	52.9	43.6	65.4	





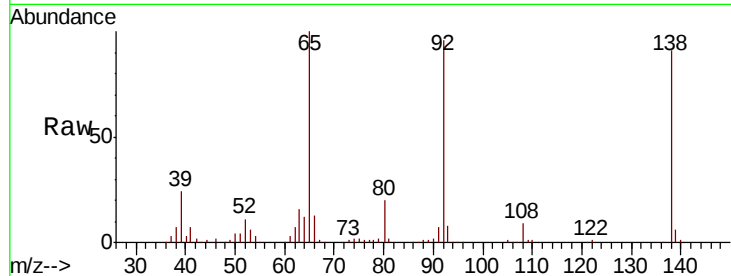
#53
3-Nitroaniline
Concen: 27.703 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BF118104.D
Acq: 4 Dec 2019 23:34

Instrument :
BNA_F
ClientSampleId :
TR-05-112619MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.1	8.7	13.1
92	105.5	87.4	131.0

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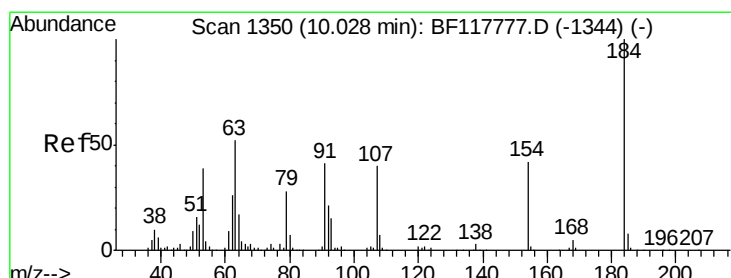
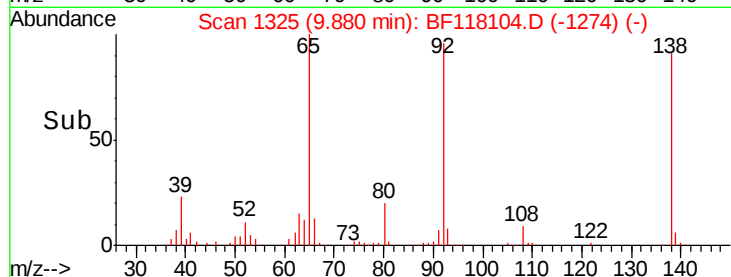
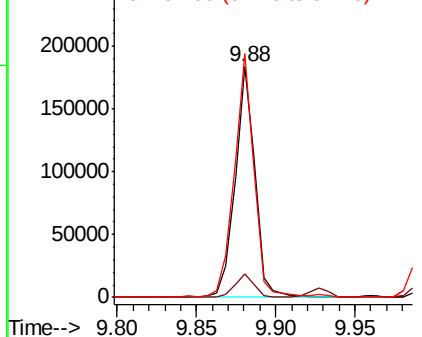


Abundance

Ion 138.00 (137.70 to 138.70): E

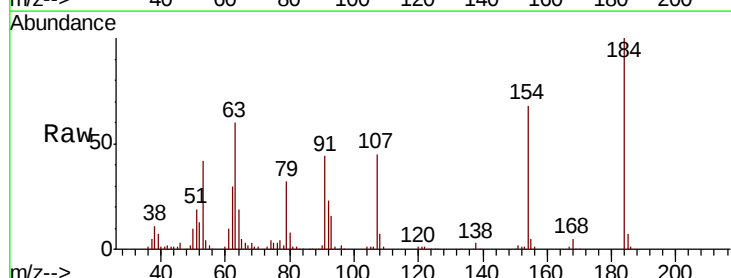
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 65.554 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.00 min
Lab File: BF118104.D
Acq: 4 Dec 2019 23:34

Tgt Ion	Ratio	Lower	Upper
184	100		
63	59.7	45.3	67.9
154	67.7	51.6	77.4

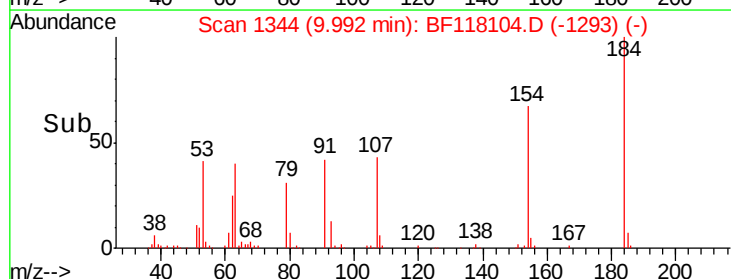
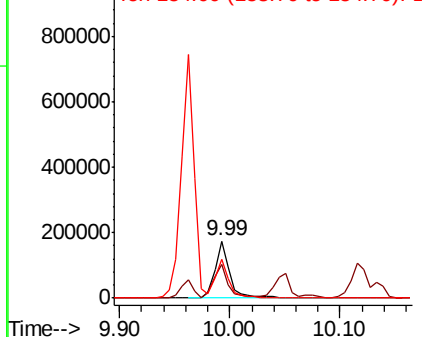


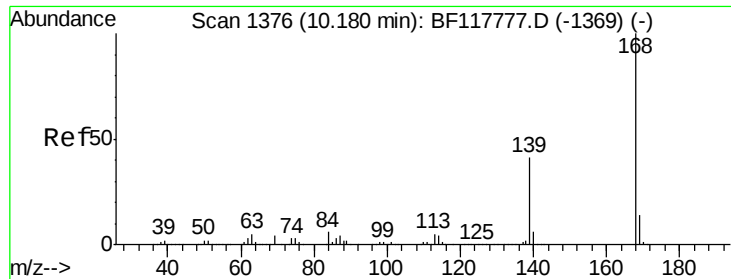
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





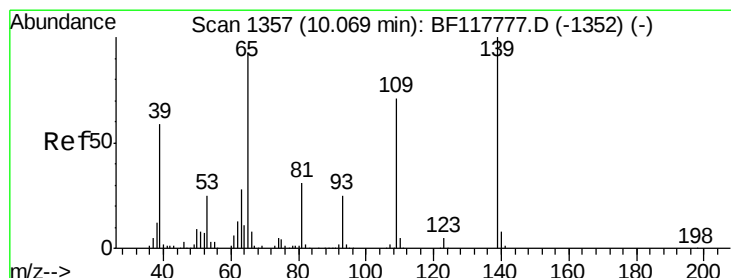
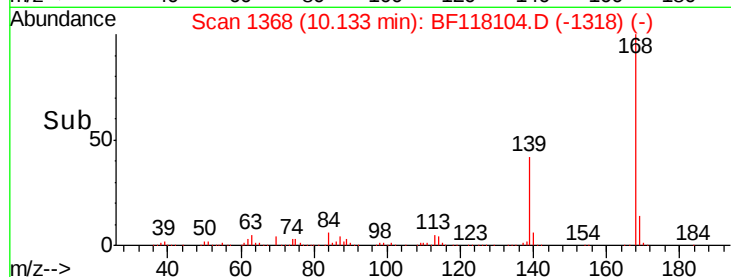
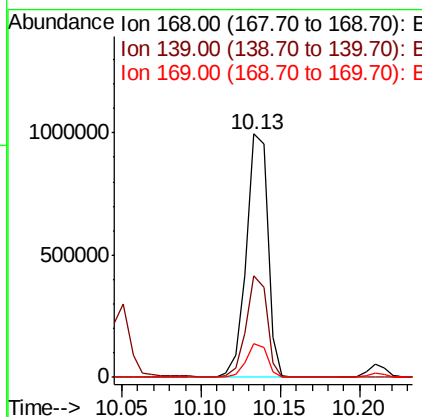
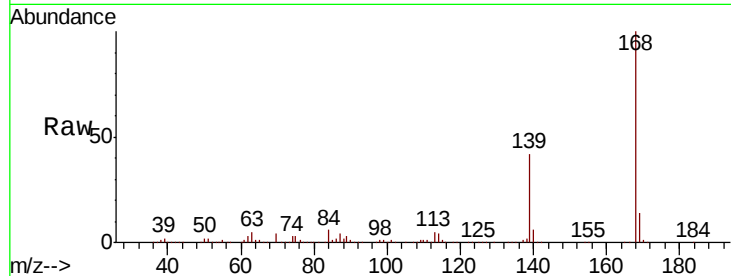
#55
Dibenzofuran
Concen: 37.907 ng
RT: 10.13 min Scan# 1368
Delta R.T. -0.01 min
Lab File: BF118104.D
Acq: 4 Dec 2019 23:34

Instrument :
BNA_F
ClientSampleId :
TR-05-112619MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.6	32.5	48.7
169	13.9	10.8	16.2

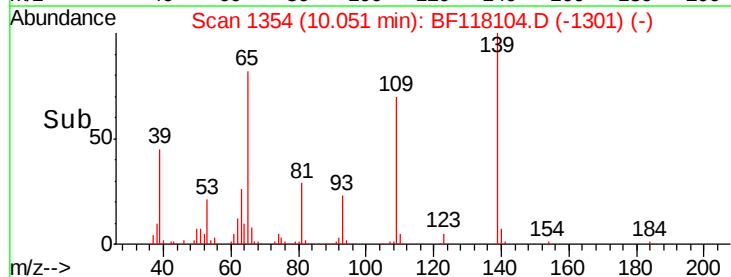
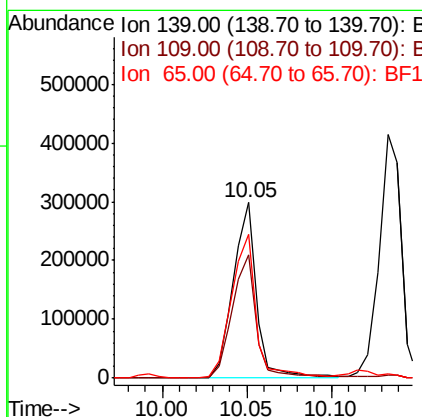
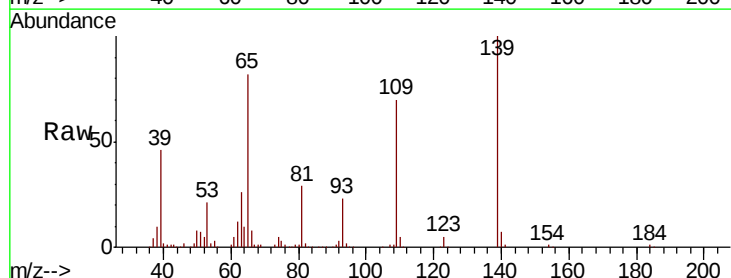
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#56
4-Nitrophenol
Concen: 67.234 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.01 min
Lab File: BF118104.D
Acq: 4 Dec 2019 23:34

Tgt Ion	Ratio	Lower	Upper
139	100		
109	70.3	55.2	95.2
65	82.0	68.7	108.7





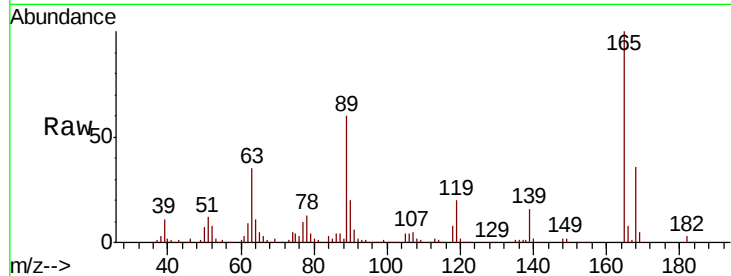
#57
2,4-Dinitrotoluene
Concen: 40.006 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.00 min
Lab File: BF118104.D
Acq: 4 Dec 2019 23:34

Instrument :
BNA_F
ClientSampleId :
TR-05-112619MSD

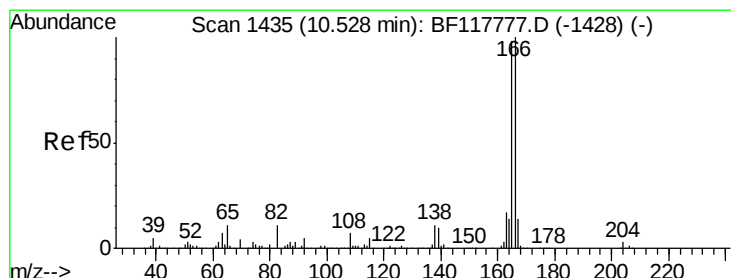
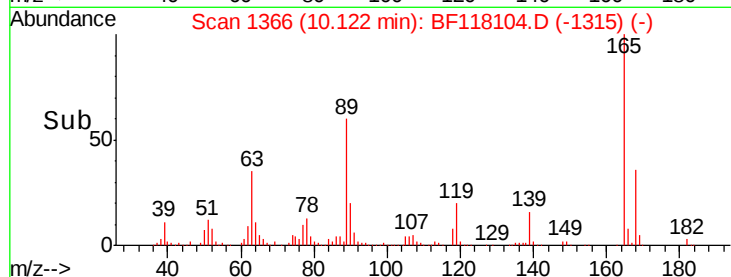
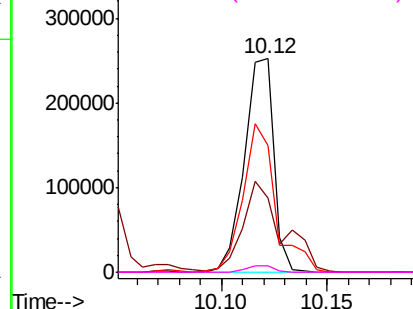
Tot Ion	Ratio	Resp	Lower	Upper
165	100	244174		
63	34.8	26.5	39.7	
89	59.6	47.2	70.8	
182	3.0	2.3	3.5	

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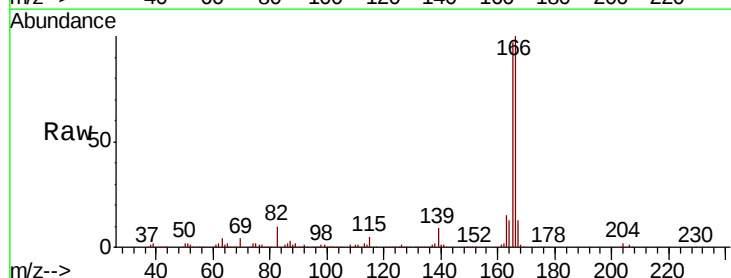


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

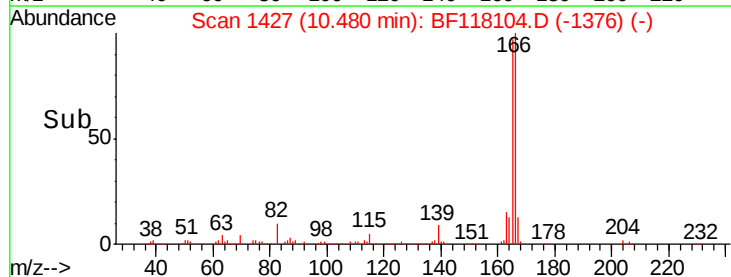
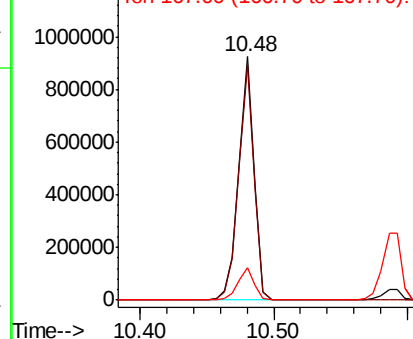


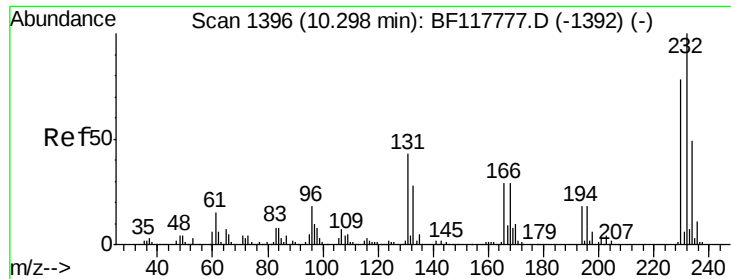
#58
Fluorene
Concen: 39.487 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.00 min
Lab File: BF118104.D
Acq: 4 Dec 2019 23:34

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	756171		
165	96.6	77.4	116.2	
167	13.3	10.7	16.1	



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: 35.811 ng

RT: 10.26 min Scan# 1389

Delta R.T. -0.00 min

Lab File: BF118104.D

Acq: 4 Dec 2019 23:34

Instrument :

BNA_F

ClientSampleId :

TR-05-112619MSD

Tot Ion:232 Resp: 198949

Ion Ratio Lower Upper

232 100

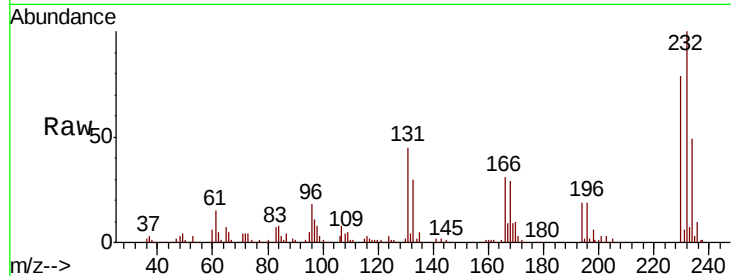
131 47.9 38.8 58.2

130 2.3 1.9 2.9

166 31.4 25.9 38.9

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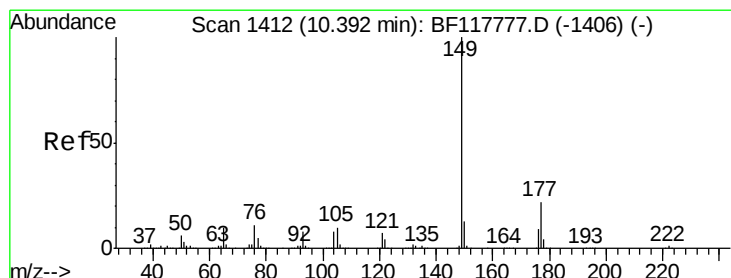
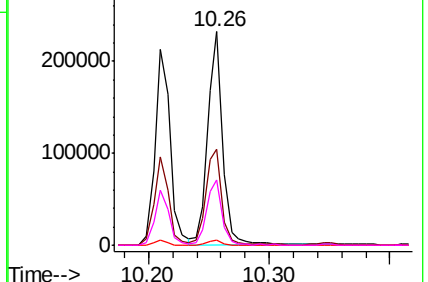
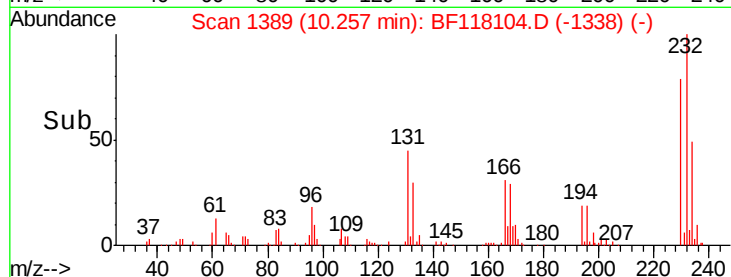


Abundance Ion 232.00 (231.70 to 232.70): E

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: 36.821 ng

RT: 10.35 min Scan# 1405

Delta R.T. -0.00 min

Lab File: BF118104.D

Acq: 4 Dec 2019 23:34

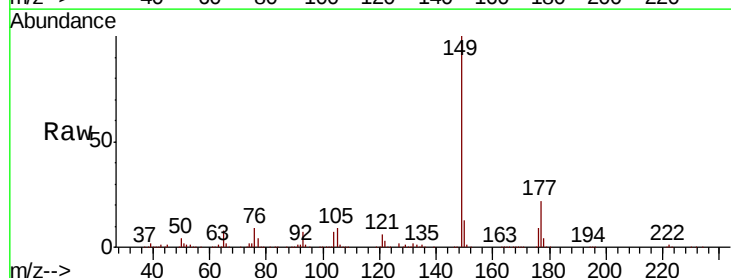
Tgt Ion:149 Resp: 788091

Ion Ratio Lower Upper

149 100

177 22.2 17.6 26.4

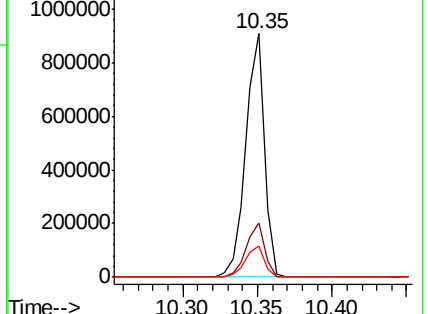
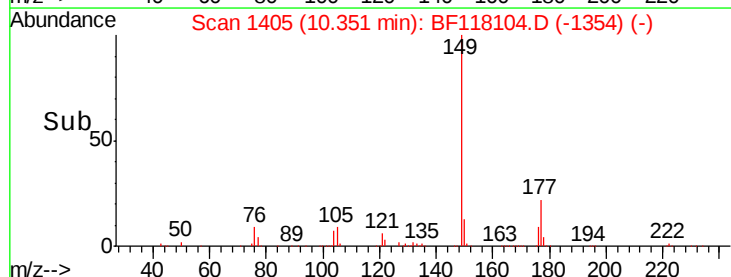
150 12.5 9.8 14.8

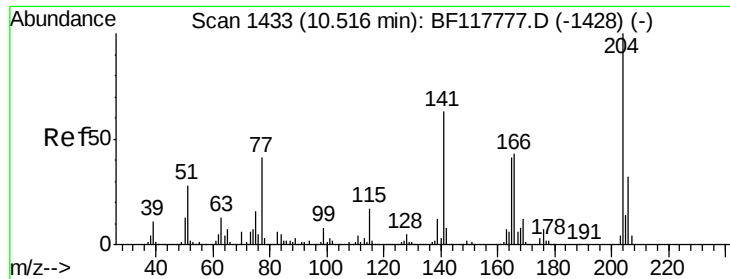


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





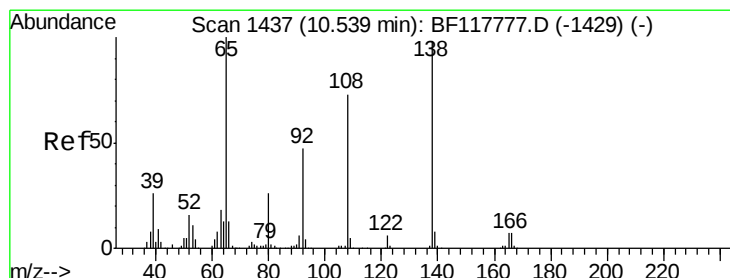
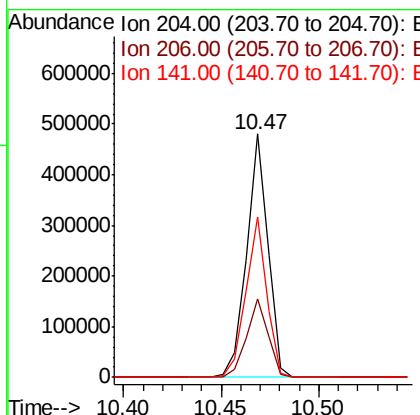
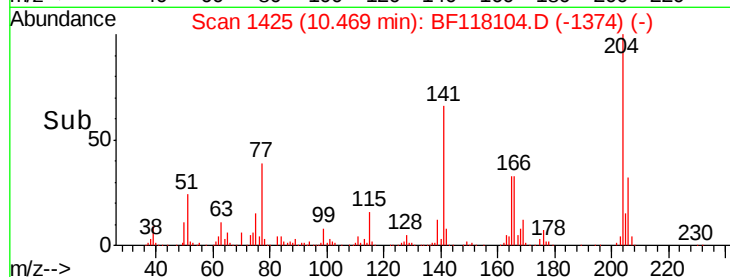
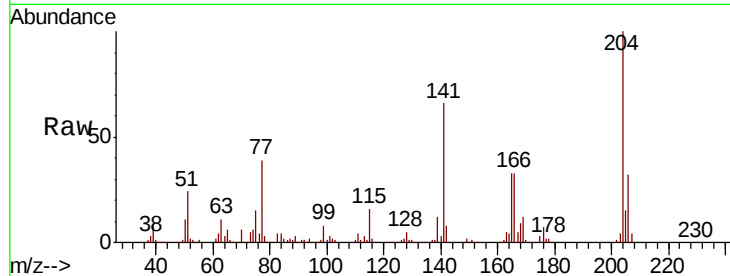
#61
 4-Chlorophenyl-phenylether
 Concen: 37.281 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. -0.00 min
 Lab File: BF118104.D
 Acq: 4 Dec 2019 23:34

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-112619MSD

Tot Ion:	204	Resp:	362306
Ion Ratio	Lower	Upper	
204	100		
206	32.3	26.0	39.0
141	65.7	55.1	82.7

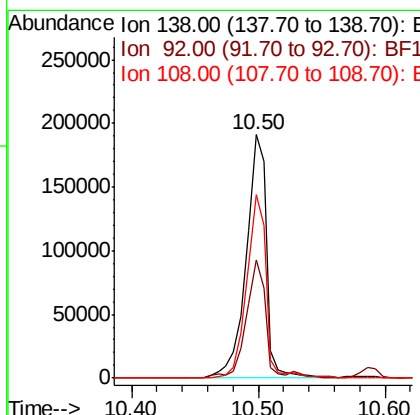
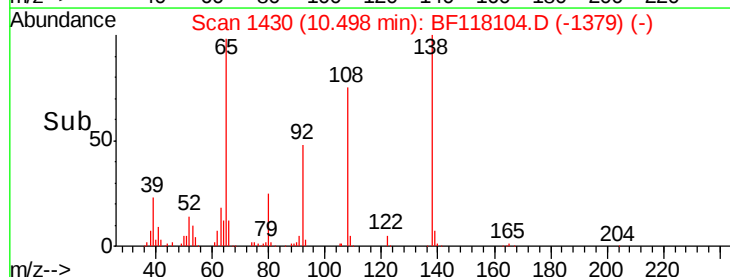
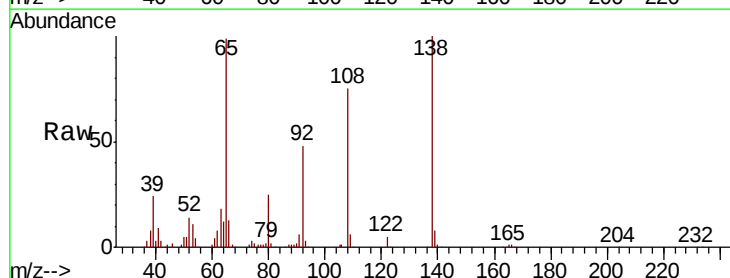
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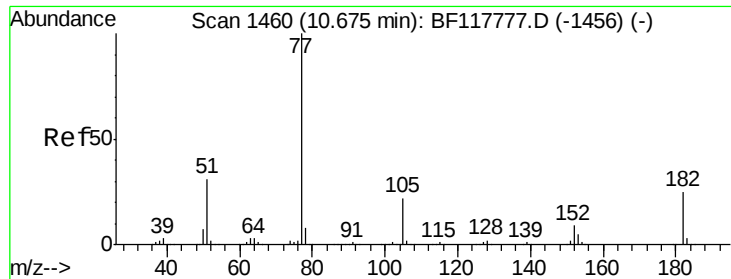
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#62
 4-Nitroaniline
 Concen: 37.254 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.00 min
 Lab File: BF118104.D
 Acq: 4 Dec 2019 23:34

Tgt Ion:	138	Resp:	214151
Ion Ratio	Lower	Upper	
138	100		
92	48.4	27.5	67.5
108	75.5	57.9	97.9





#63

Azobenzene

Concen: 35.887 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.00 min

Lab File: BF118104.D

Acq: 4 Dec 2019 23:34

Instrument :

BNA_F

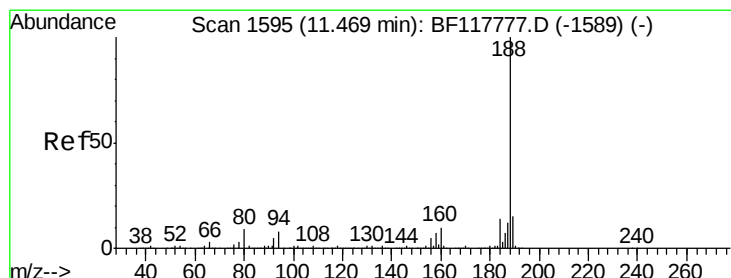
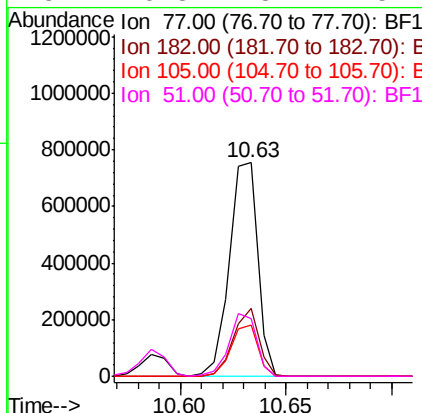
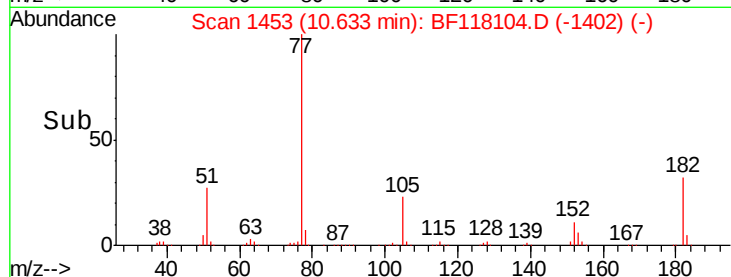
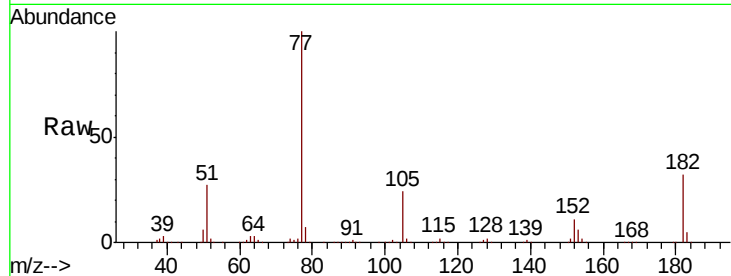
ClientSampleId :

TR-05-112619MSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	32.0	8.2	48.2
105	23.9	2.1	42.1
51	26.8	8.7	48.7

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#64

Phenanthrene-d10

Concen: 20.000 ng

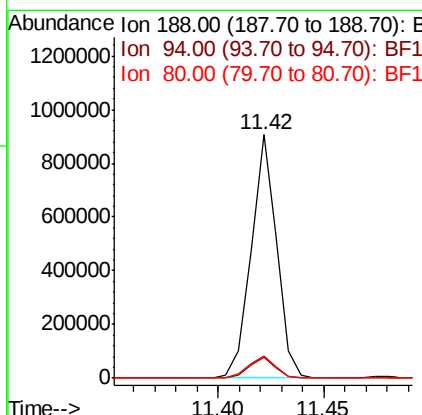
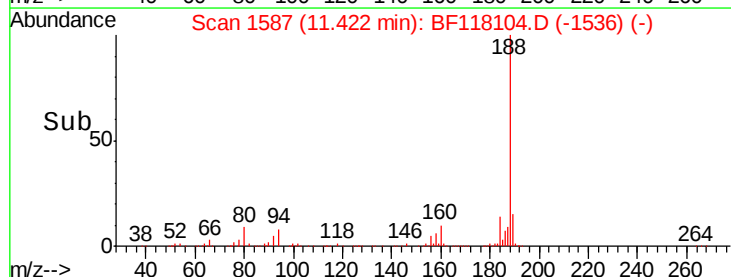
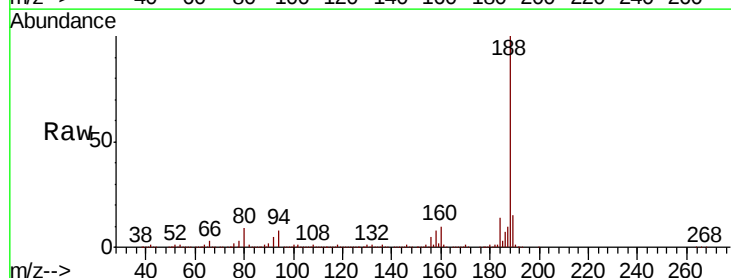
RT: 11.42 min Scan# 1587

Delta R.T. -0.00 min

Lab File: BF118104.D

Acq: 4 Dec 2019 23:34

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.0	10.6
80	8.9	7.2	10.8





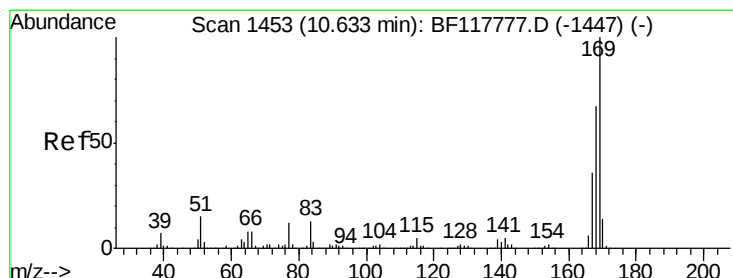
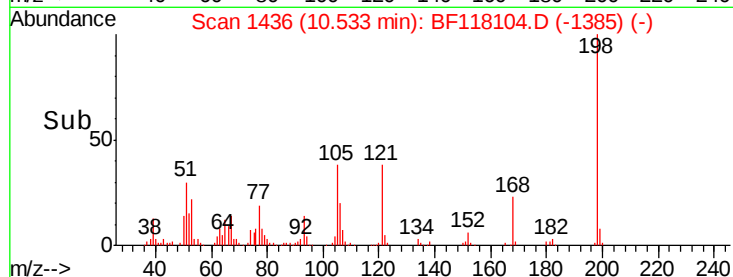
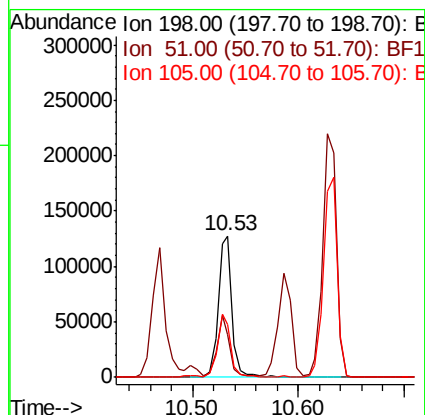
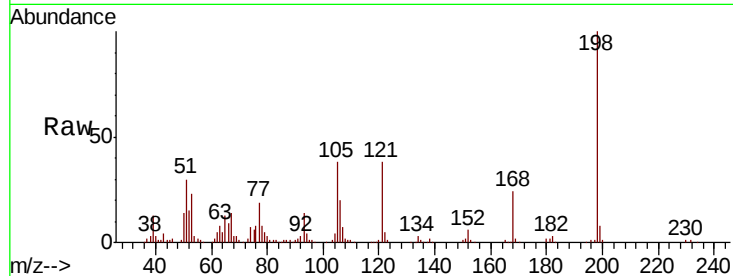
#65
4,6-Dinitro-2-methylphenol
Concen: 33.631 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.00 min
Lab File: BF118104.D
Acq: 4 Dec 2019 23:34

Instrument :
BNA_F
ClientSampleId :
TR-05-112619MSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	119581		
51	30.1	12.6	52.6	
105	37.7	17.0	57.0	

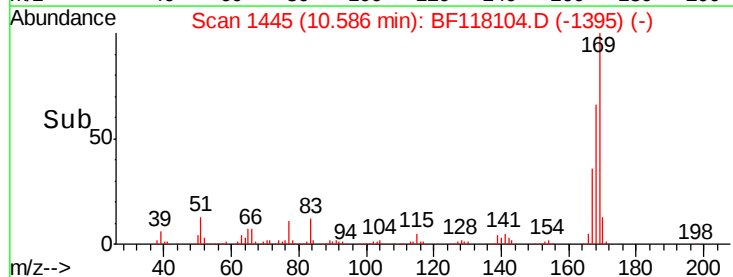
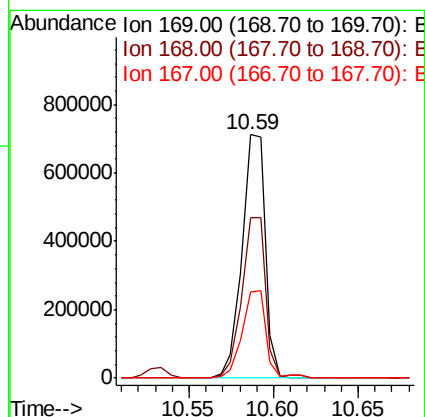
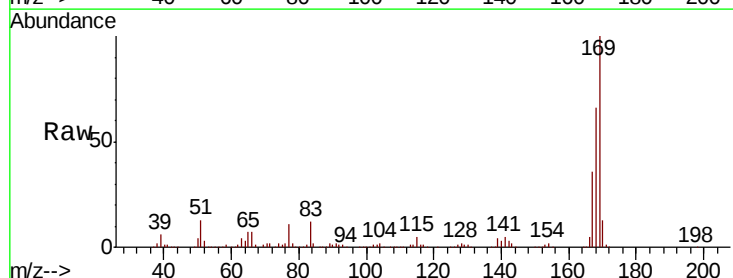
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#66
n-Nitrosodiphenylamine
Concen: 30.976 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF118104.D
Acq: 4 Dec 2019 23:34

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	686628		
168	65.6	52.5	78.7	
167	35.6	28.4	42.6	





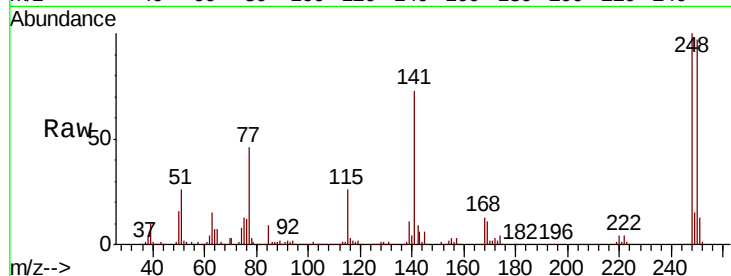
#67
 4-Bromophenyl-phenylether
 Concen: 34.062 ng
 RT: 10.96 min Scan# 1509
 Delta R.T. -0.00 min
 Lab File: BF118104.D
 Acq: 4 Dec 2019 23:34

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-112619MSD

Tot Ion	Ratio	Resp	Lower	Upper
248	100	279933		
250	97.4		78.0	117.0
141	73.4		64.0	96.0

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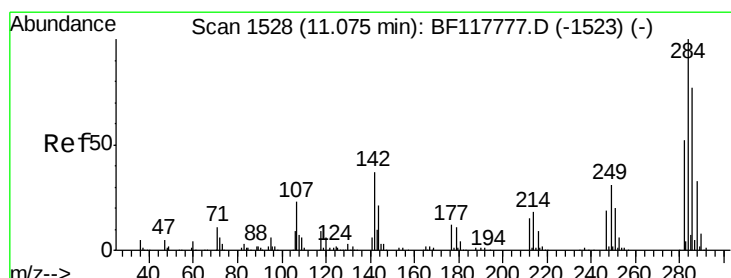
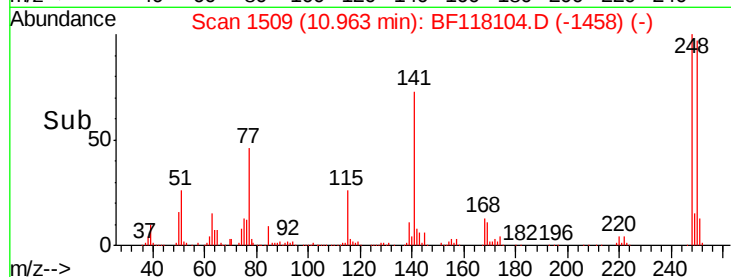
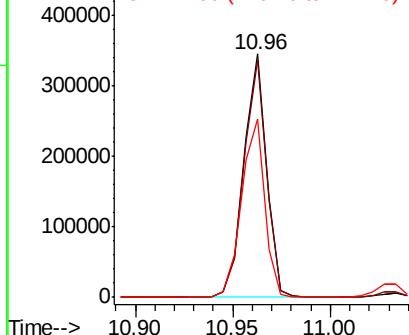


Abundance

Ion 248.00 (247.70 to 248.70): E

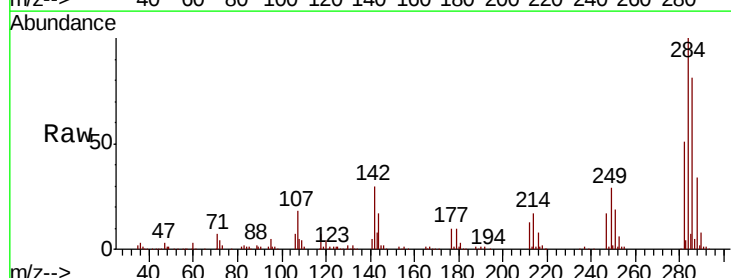
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 33.836 ng
 RT: 11.03 min Scan# 1521
 Delta R.T. -0.00 min
 Lab File: BF118104.D
 Acq: 4 Dec 2019 23:34

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	324245		
142	29.8		27.3	40.9
249	28.8		24.8	37.2

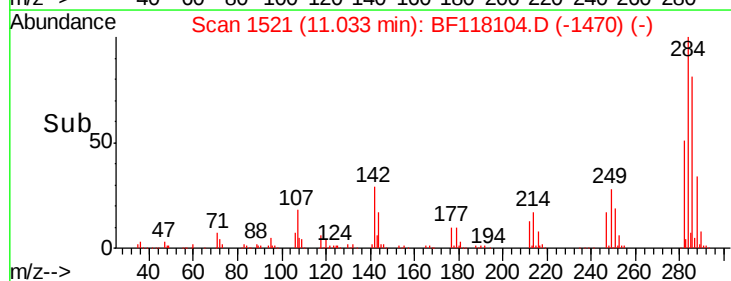
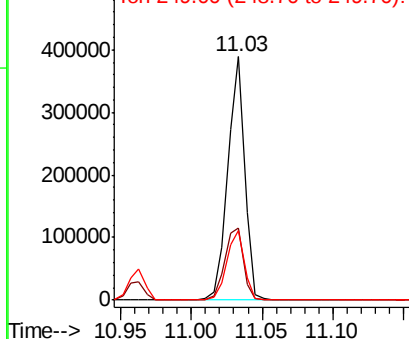


Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





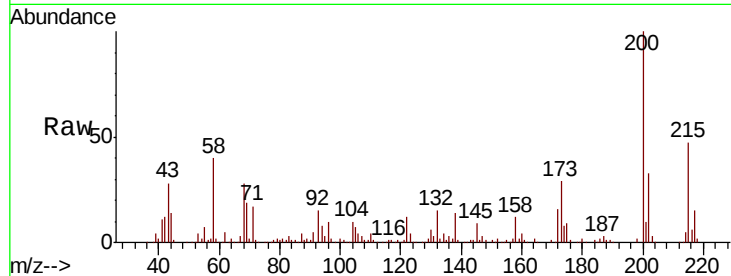
#69
Atrazine
Concen: 26.281 ng
RT: 11.12 min Scan# 1535
Delta R.T. -0.00 min
Lab File: BF118104.D
Acq: 4 Dec 2019 23:34

Instrument :
BNA_F
ClientSampleId :
TR-05-112619MSD

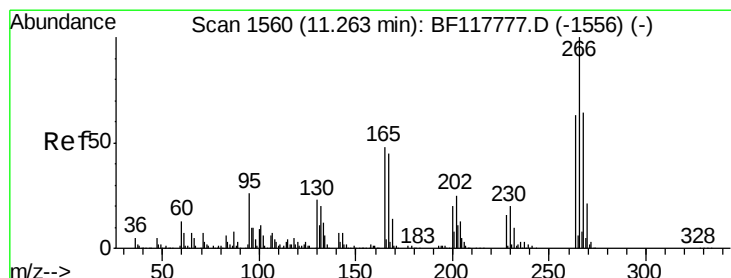
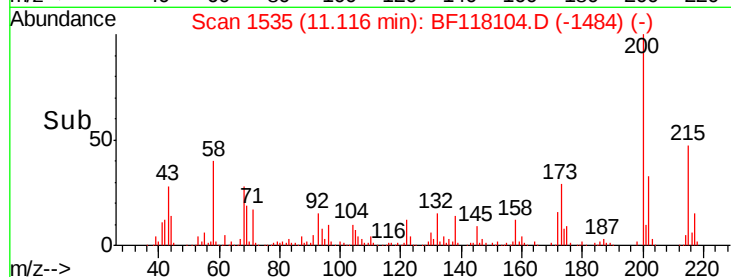
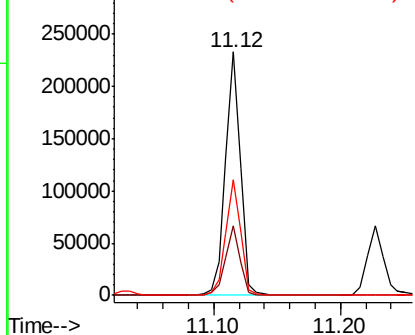
Tot Ion	Ratio	Lower	Upper
200	100		
173	28.5	7.9	47.9
215	47.3	27.0	67.0

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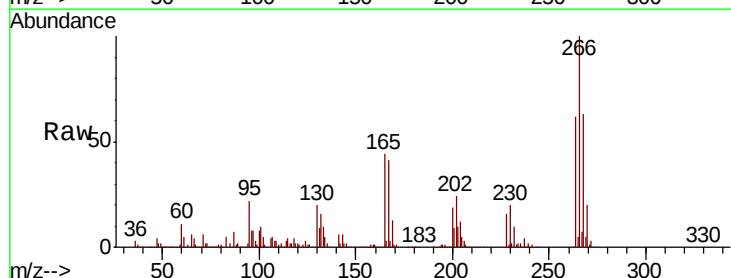


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

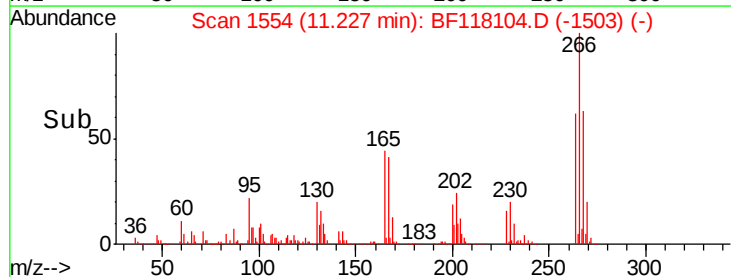
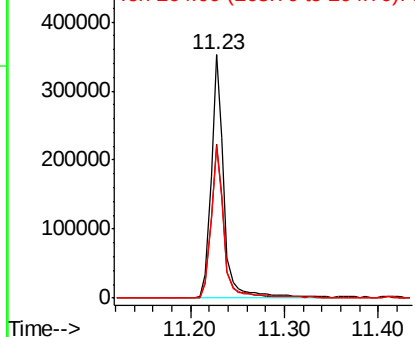


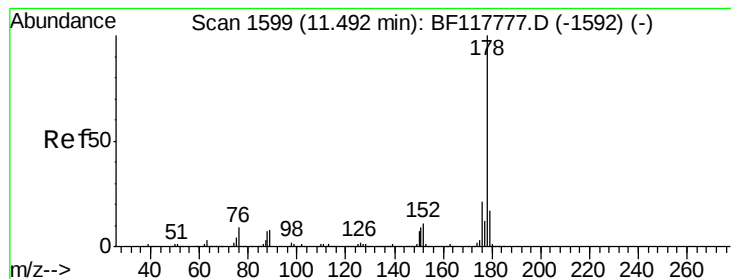
#70
Pentachlorophenol
Concen: 60.991 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.00 min
Lab File: BF118104.D
Acq: 4 Dec 2019 23:34

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.4	50.3	75.5
264	62.3	50.3	75.5



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: 36.740 ng

RT: 11.45 min Scan# 1591

Delta R.T. -0.01 min

Lab File: BF118104.D

Acq: 4 Dec 2019 23:34

Instrument :

BNA_F

ClientSampleId :

TR-05-112619MSD

Tot Ion:178 Resp: 1406933

Ion Ratio Lower Upper

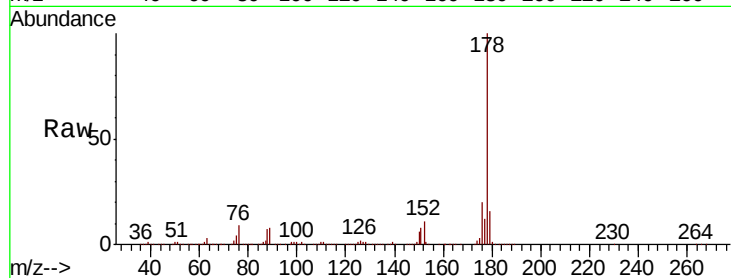
178 100

176 19.7 15.4 23.0

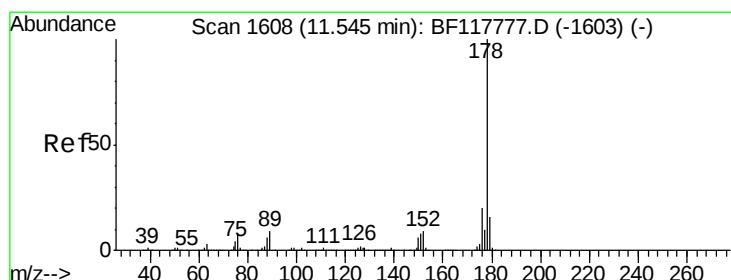
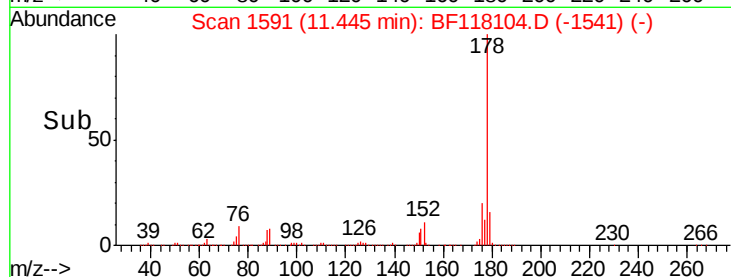
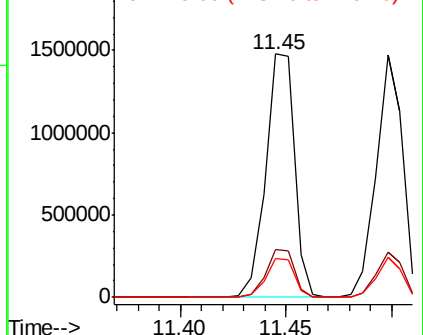
179 16.1 12.3 18.5

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Abundance Ion 178.00 (177.70 to 178.70): E
2000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 34.113 ng

RT: 11.50 min Scan# 1600

Delta R.T. -0.00 min

Lab File: BF118104.D

Acq: 4 Dec 2019 23:34

Tgt Ion:178 Resp: 1295179

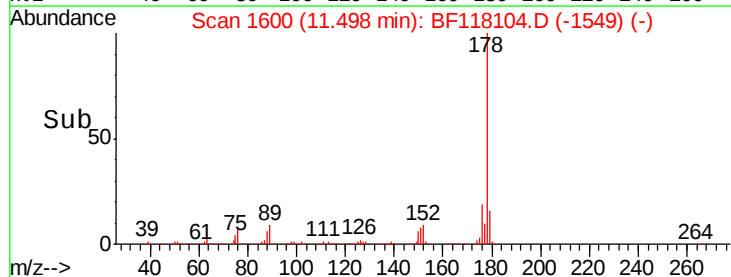
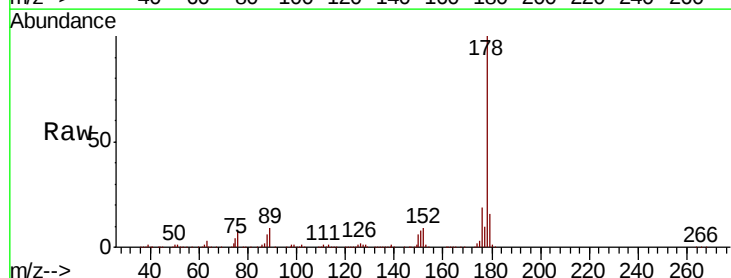
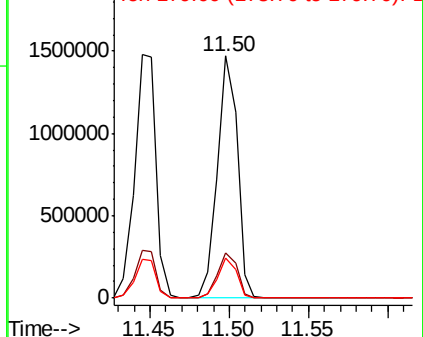
Ion Ratio Lower Upper

178 100

176 18.6 15.0 22.6

179 16.3 12.8 19.2

Abundance Ion 178.00 (177.70 to 178.70): E
2000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





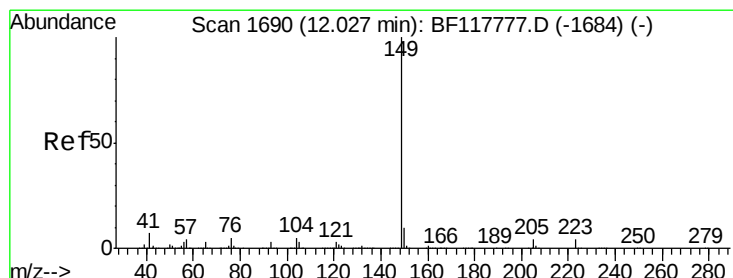
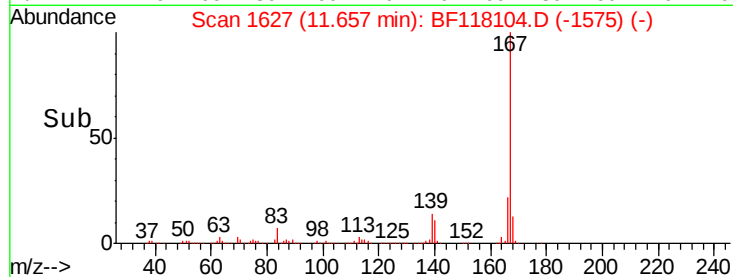
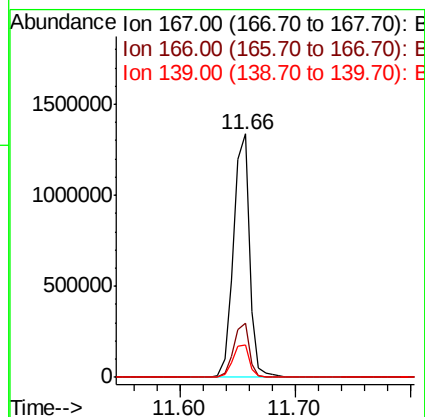
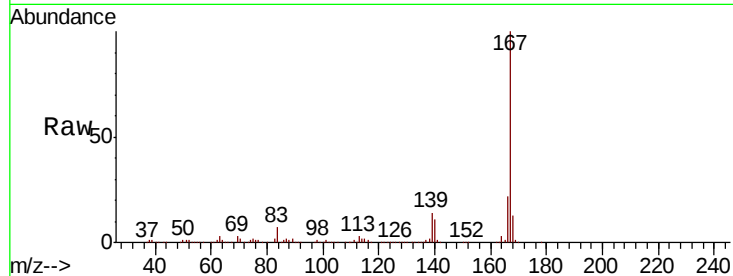
#73
 Carbazole
 Concen: 38.936 ng
 RT: 11.66 min Scan# 1627
 Delta R.T. 0.01 min
 Lab File: BF118104.D
 Acq: 4 Dec 2019 23:34

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-112619MSD

Tot Ion	Ion	Ratio	Lower	Upper
167	100			
166	22.0	17.6	26.4	
139	13.5	11.5	17.3	

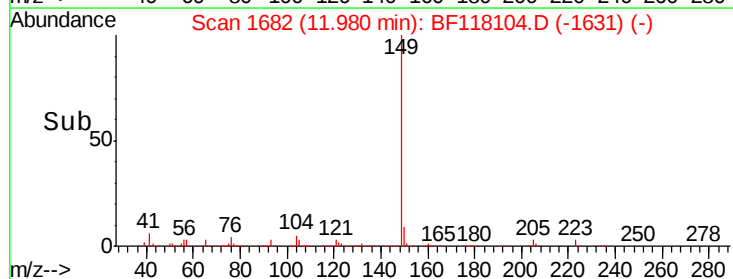
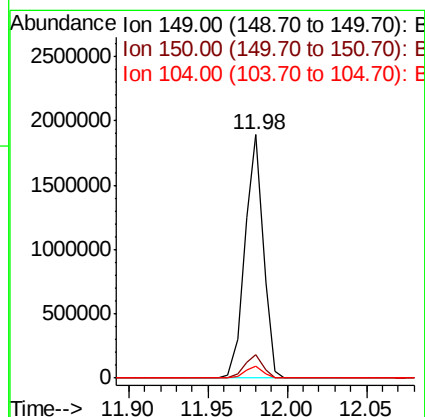
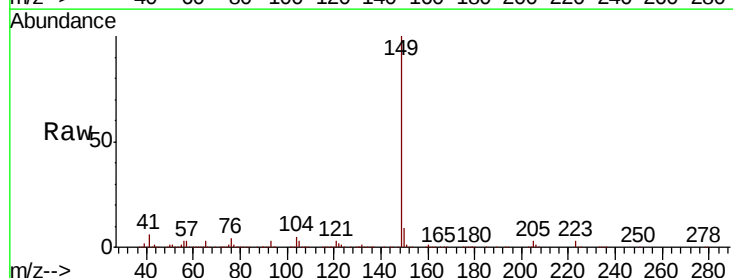
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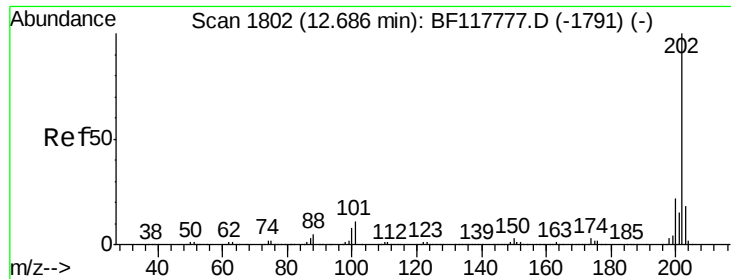
mohammad
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#74
 Di-n-butylphthalate
 Concen: 36.587 ng
 RT: 11.98 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BF118104.D
 Acq: 4 Dec 2019 23:34

Tgt Ion	Ion	Ratio	Lower	Upper
149	100			
150	9.5	7.5	11.3	
104	4.9	4.2	6.4	





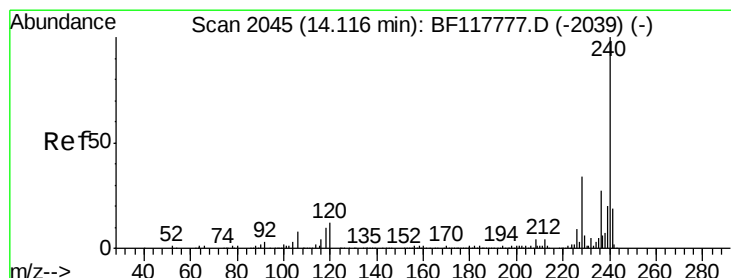
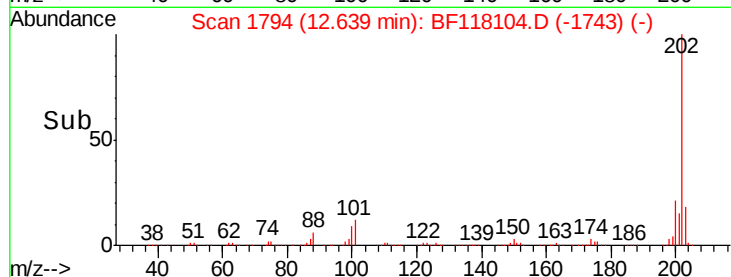
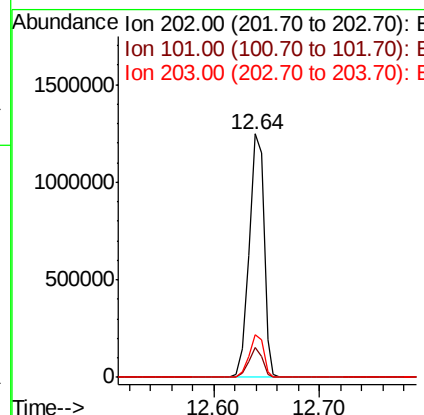
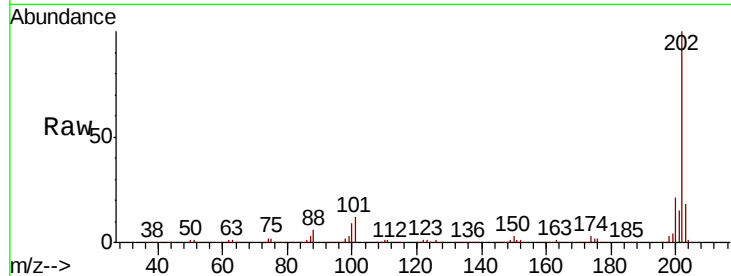
#75
 Fluoranthene
 Concen: 32.456 ng
 RT: 12.64 min Scan# 1794
 Delta R.T. -0.00 min
 Lab File: BF118104.D
 Acq: 4 Dec 2019 23:34

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-112619MSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	31.5
203	17.7	0.0	37.6

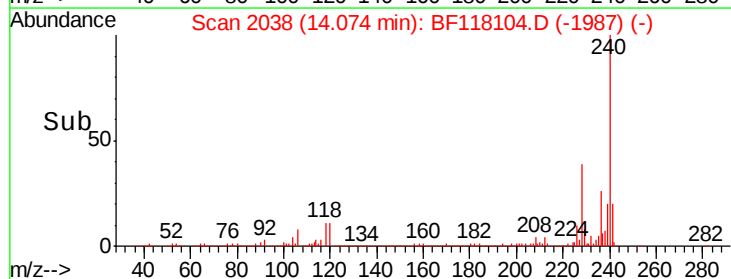
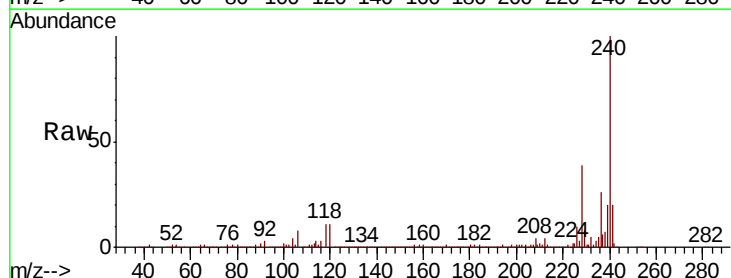
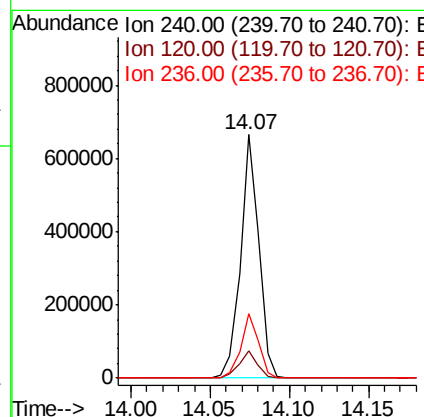
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.07 min Scan# 2038
 Delta R.T. -0.00 min
 Lab File: BF118104.D
 Acq: 4 Dec 2019 23:34

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.3	8.4	12.6
236	26.5	20.6	31.0





#77

Benzidine

Concen: 0.439 ng

RT: 12.76 min Scan# 1815

Delta R.T. 0.01 min

Lab File: BF118104.D

Acq: 4 Dec 2019 23:34

Instrument :

BNA_F

ClientSampleId :

TR-05-112619MSD

Tot Ion:184 Resp: 7625

Ion Ratio Lower Upper

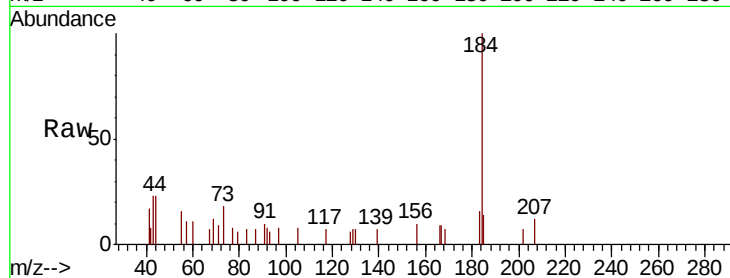
184 100

185 14.2 11.6 17.4

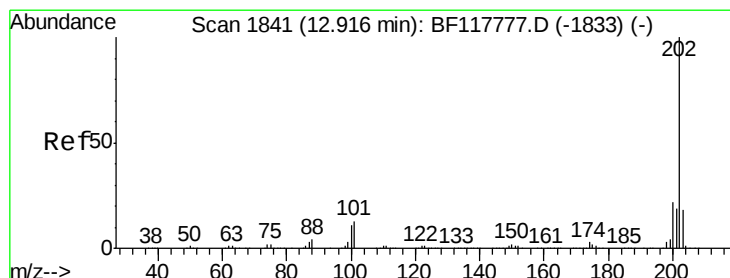
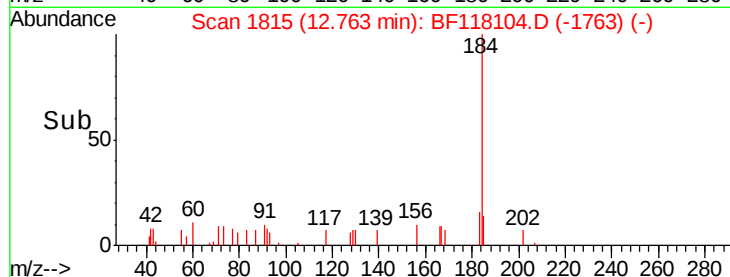
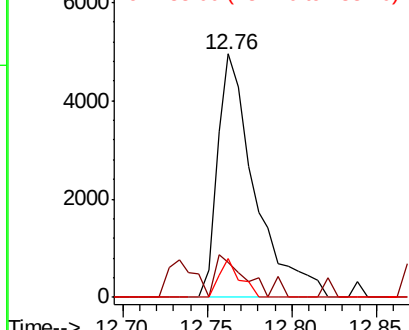
183 15.8 9.7 14.5#

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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: 28.723 ng

RT: 12.87 min Scan# 1834

Delta R.T. -0.00 min

Lab File: BF118104.D

Acq: 4 Dec 2019 23:34

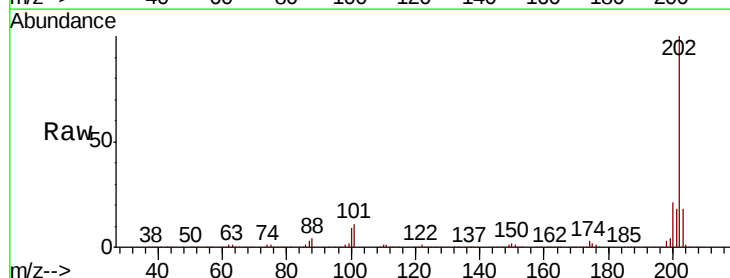
Tgt Ion:202 Resp: 1231858

Ion Ratio Lower Upper

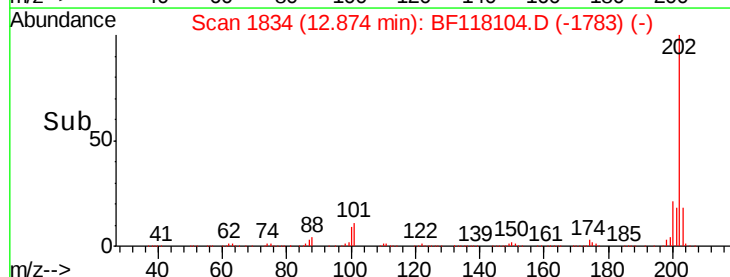
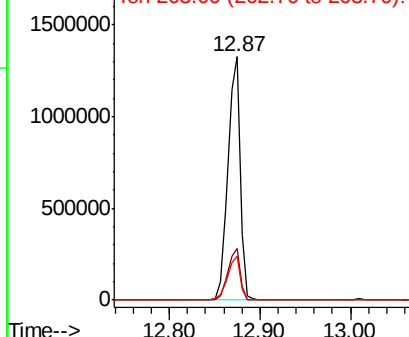
202 100

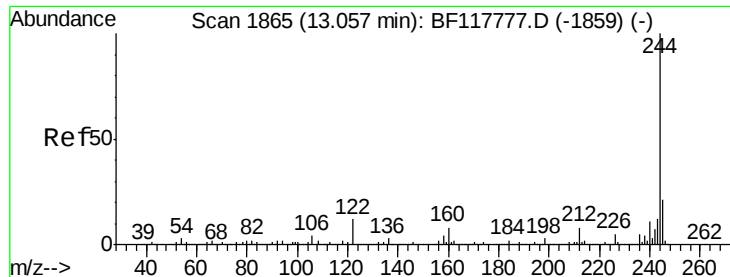
200 21.4 17.0 25.6

203 17.9 14.2 21.4



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





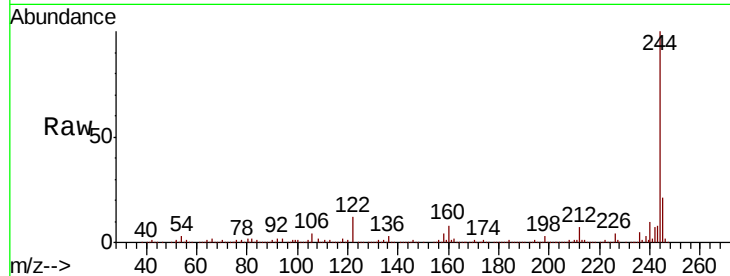
#79
 Terphenyl-d14
 Concen: 64.029 ng
 RT: 13.01 min Scan# 1857
 Delta R.T. -0.01 min
 Lab File: BF118104.D
 Acq: 4 Dec 2019 23:34

Instrument :
 BNA_F
 ClientSampleID :
 TR-05-112619MSD

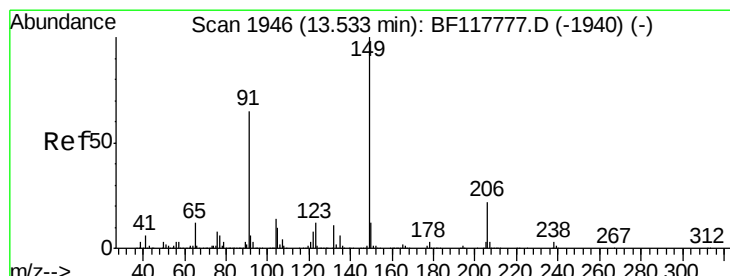
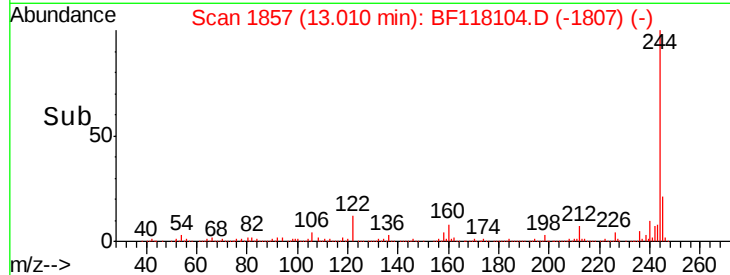
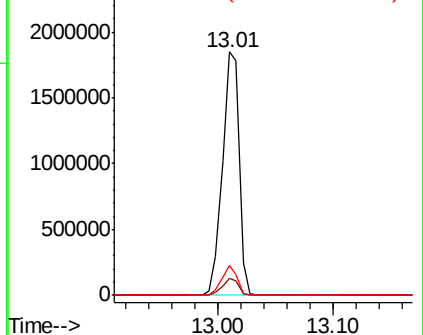
Tot Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.2	7.8
122	12.2	7.2	10.8

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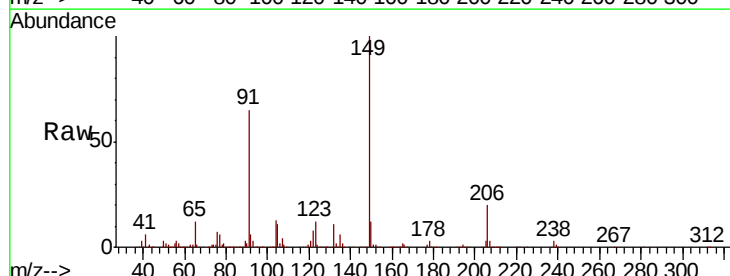


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

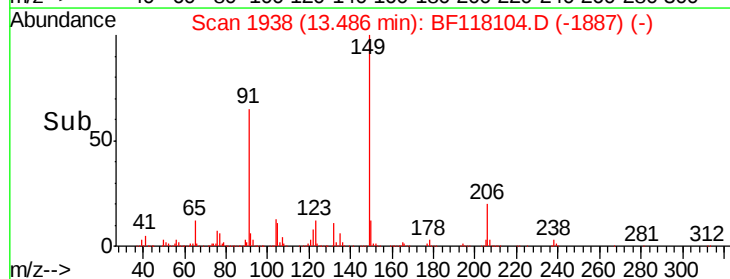
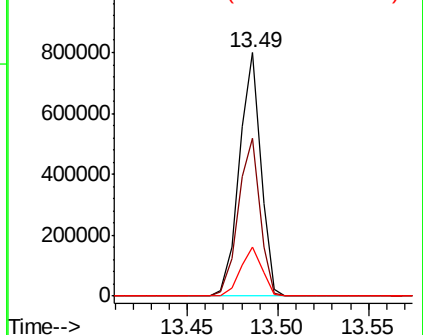


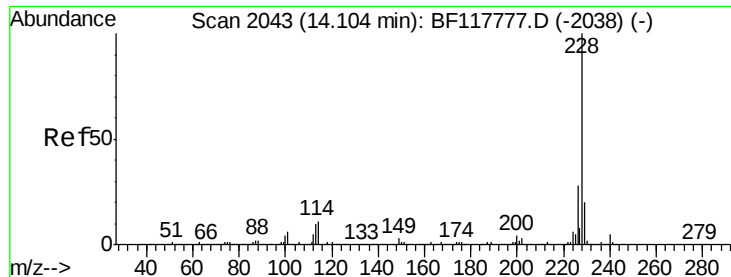
#80
 Butylbenzylphthalate
 Concen: 35.785 ng
 RT: 13.49 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: BF118104.D
 Acq: 4 Dec 2019 23:34

Tgt Ion	Ratio	Lower	Upper
149	100		
91	64.8	53.1	79.7
206	20.2	15.8	23.6



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BF1
 Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 34.565 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.00 min

Lab File: BF118104.D

Acq: 4 Dec 2019 23:34

Instrument :

BNA_F

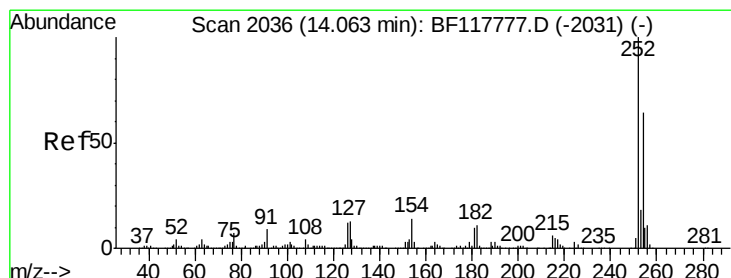
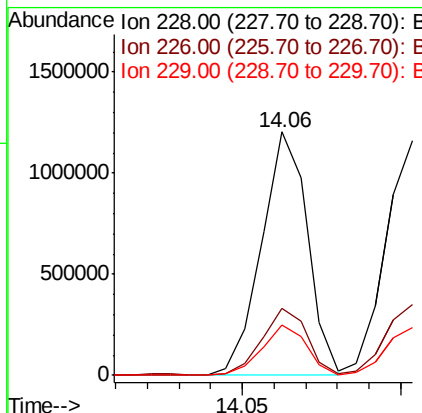
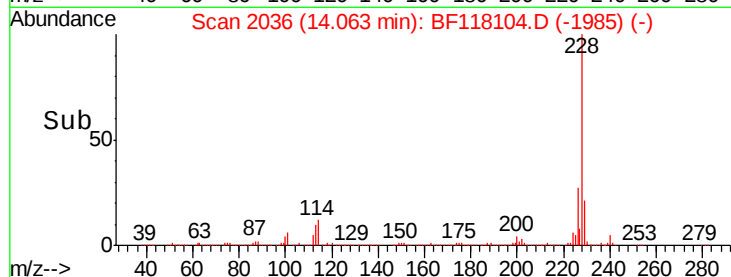
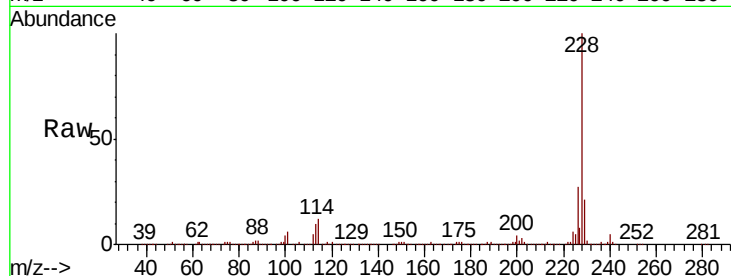
ClientSampleId :

TR-05-112619MSD

Tot Ion:	228	Resp:	1212159
Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.9	32.9
229	20.6	16.2	24.2

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#82

3,3'-Dichlorobenzidine

Concen: 32.774 ng

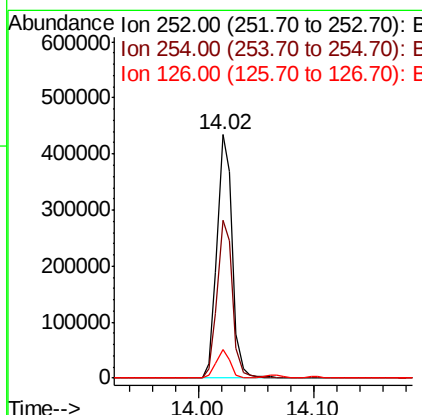
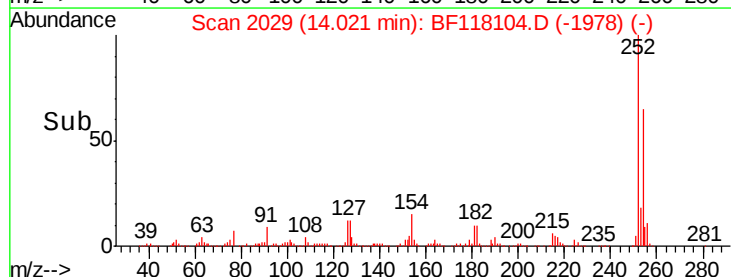
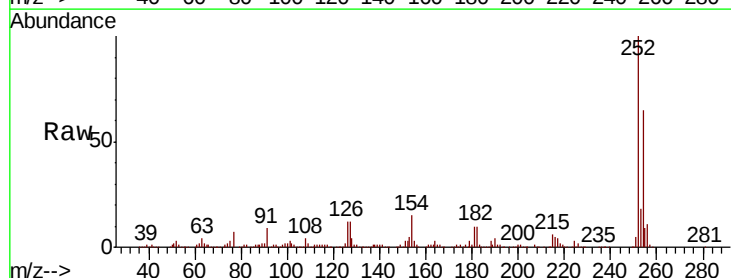
RT: 14.02 min Scan# 2029

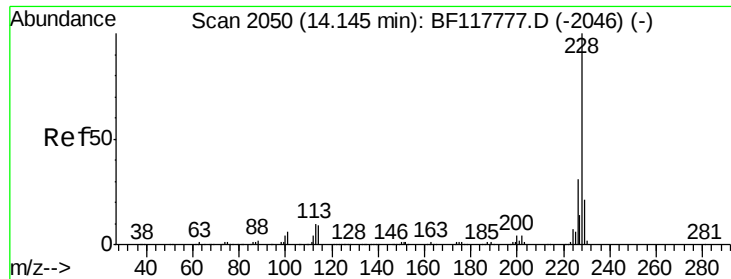
Delta R.T. -0.00 min

Lab File: BF118104.D

Acq: 4 Dec 2019 23:34

Tgt Ion:	252	Resp:	402036
Ion	Ratio	Lower	Upper
252	100		
254	64.9	52.2	78.2
126	11.9	9.3	13.9





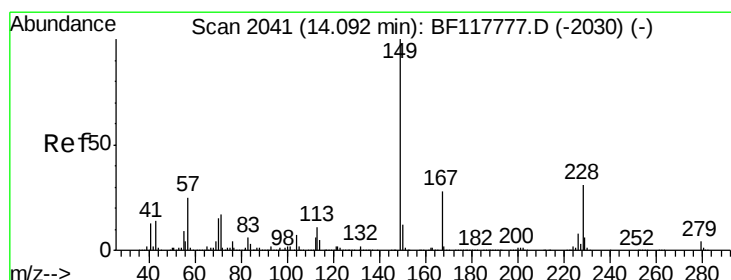
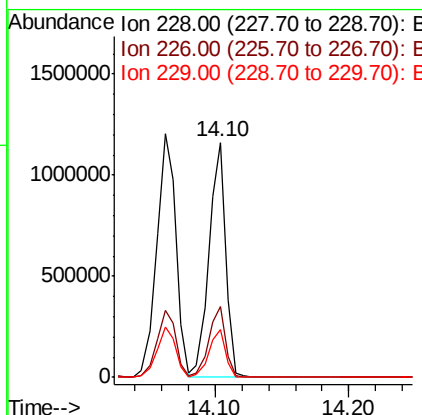
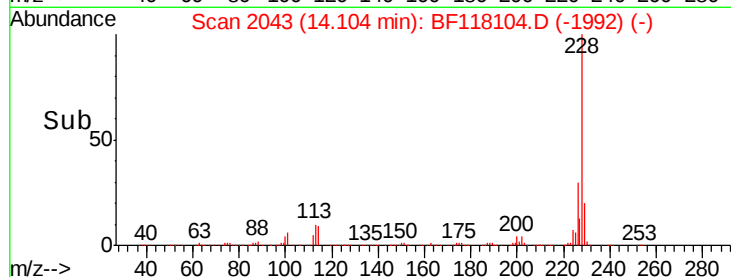
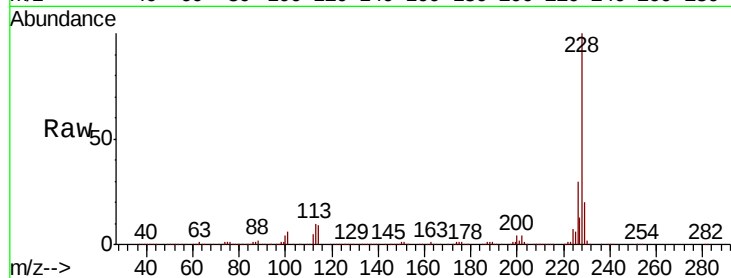
#83
Chrysene
Concen: 29.984 ng
RT: 14.10 min Scan# 2043
Delta R.T. -0.00 min
Lab File: BF118104.D
Acq: 4 Dec 2019 23:34

Instrument :
BNA_F
ClientSampleId :
TR-05-112619MSD

Tot Ion:228 Resp: 1018913
Ion Ratio Lower Upper
228 100
226 30.2 23.6 35.4
229 20.3 16.2 24.2

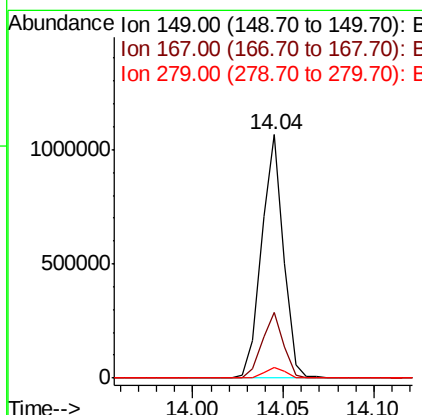
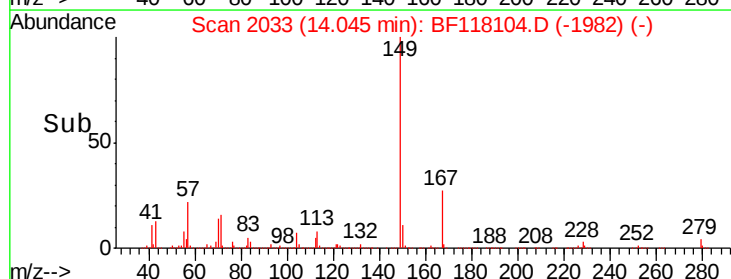
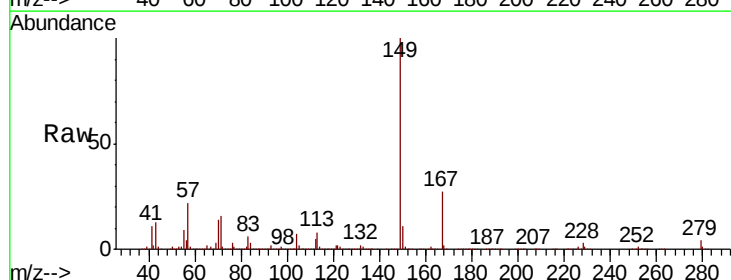
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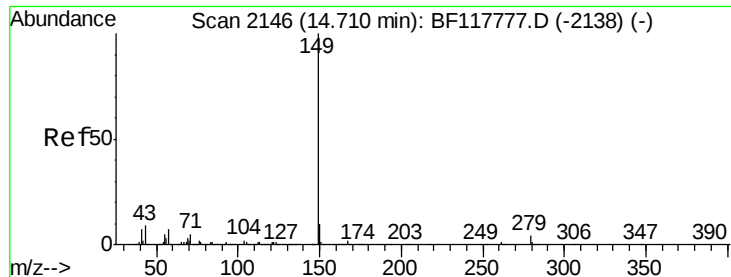
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#84
Bis(2-ethylhexyl)phthalate
Concen: 39.981 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.00 min
Lab File: BF118104.D
Acq: 4 Dec 2019 23:34

Tgt Ion:149 Resp: 892847
Ion Ratio Lower Upper
149 100
167 27.2 21.8 32.8
279 4.4 3.4 5.0





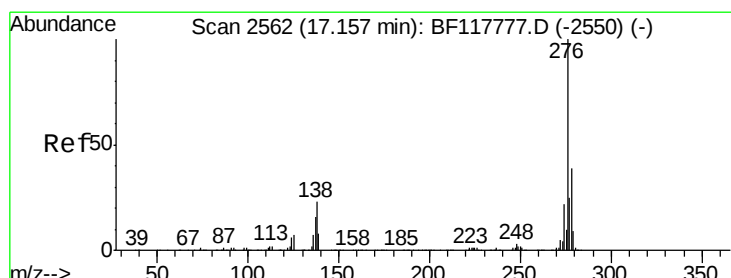
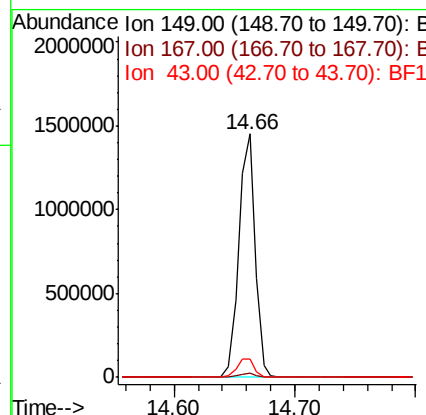
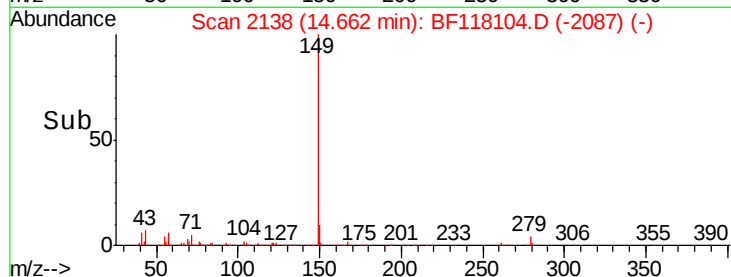
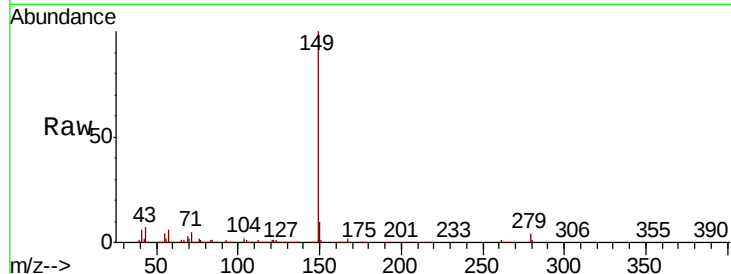
#85
Di-n-octyl phthalate
Concen: 41.801 ng
RT: 14.66 min Scan# 2138
Delta R.T. -0.00 min
Lab File: BF118104.D
Acq: 4 Dec 2019 23:34

Instrument :
BNA_F
ClientSampleId :
TR-05-112619MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.9	6.4	9.6

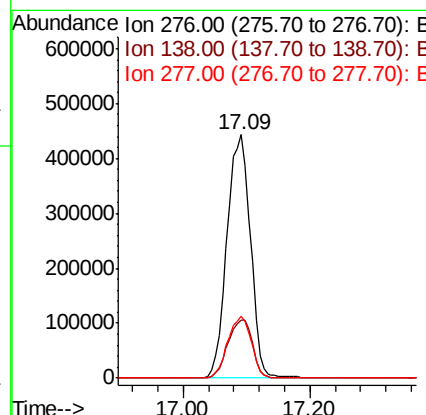
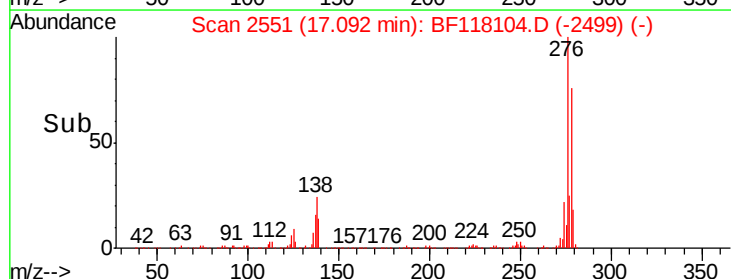
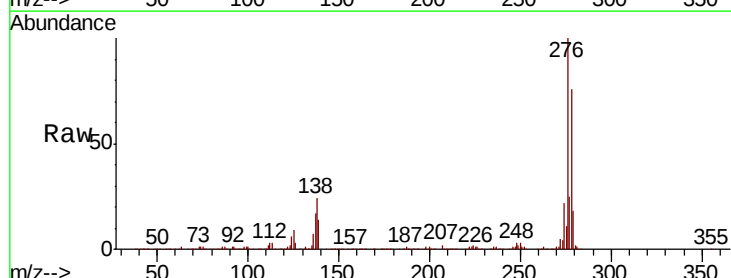
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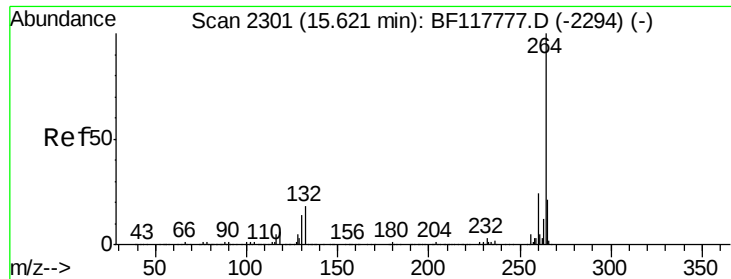
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#86
Indeno(1,2,3-cd)pyrene
Concen: 39.231 ng
RT: 17.09 min Scan# 2551
Delta R.T. 0.01 min
Lab File: BF118104.D
Acq: 4 Dec 2019 23:34

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.9	19.0	28.6
277	25.4	20.7	31.1





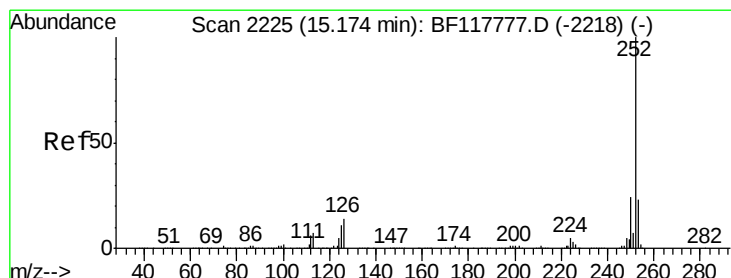
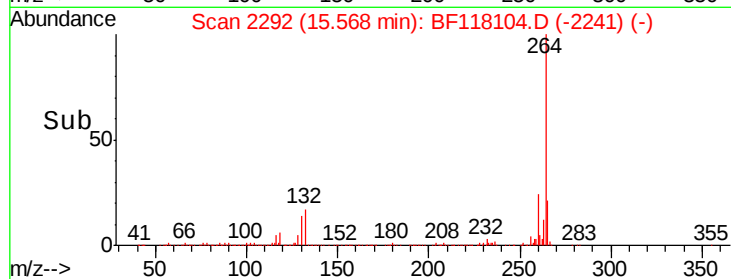
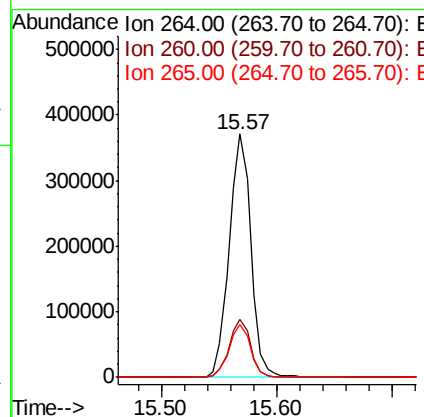
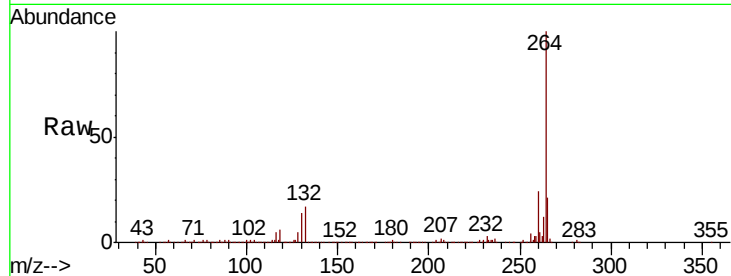
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2292
Delta R.T. -0.00 min
Lab File: BF118104.D
Acq: 4 Dec 2019 23:34

Instrument :
BNA_F
ClientSampleId :
TR-05-112619MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.0	28.6
265	21.5	16.4	24.6

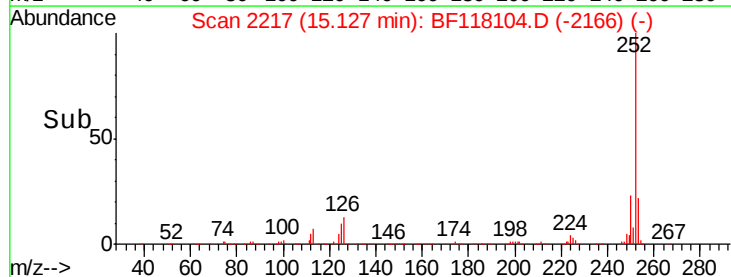
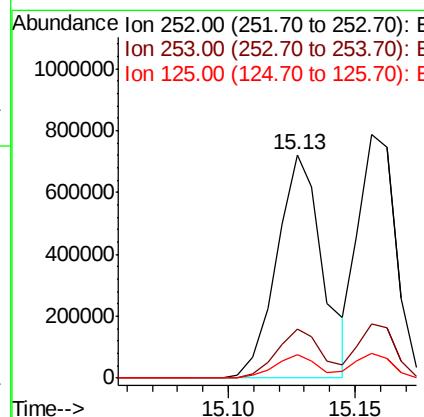
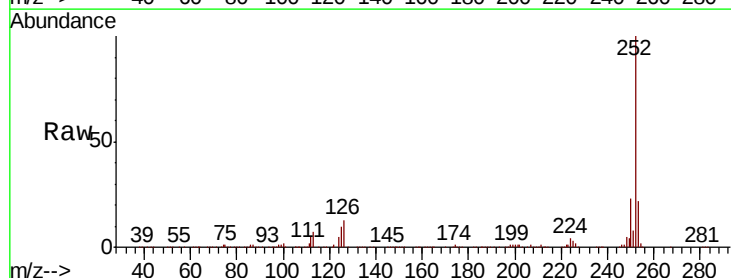
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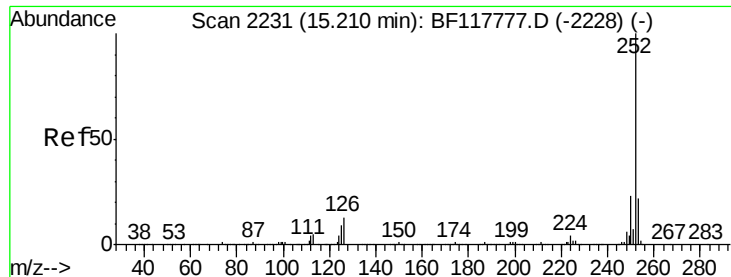
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#88
Benzo(b)fluoranthene
Concen: 28.938 ng
RT: 15.13 min Scan# 2217
Delta R.T. -0.00 min
Lab File: BF118104.D
Acq: 4 Dec 2019 23:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	10.3	7.7	11.5





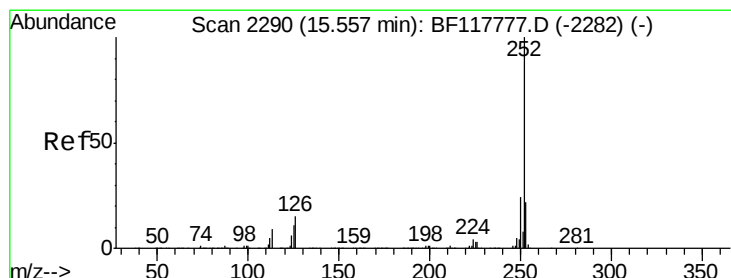
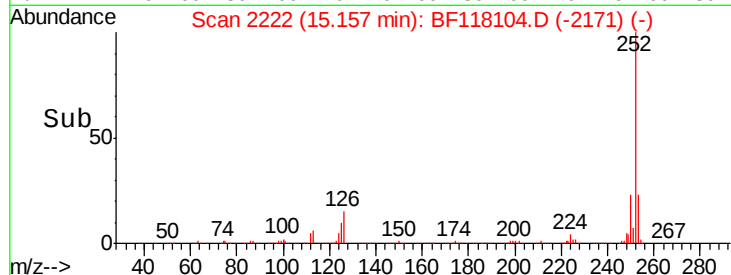
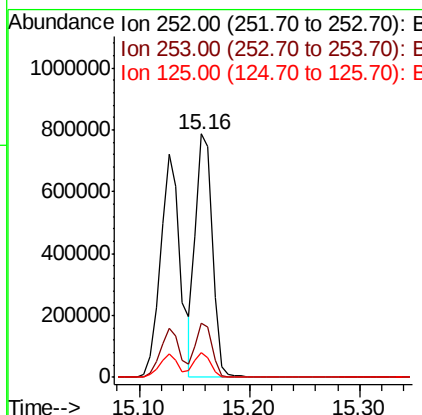
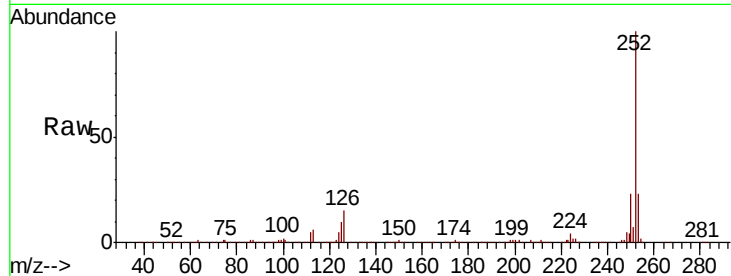
#89
Benzo(k)fluoranthene
Concen: 27.567 ng
RT: 15.16 min Scan# 2222
Delta R.T. -0.00 min
Lab File: BF118104.D
Acq: 4 Dec 2019 23:34

Instrument :
BNA_F
ClientSampleId :
TR-05-112619MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.3	25.9
125	10.4	8.5	12.7

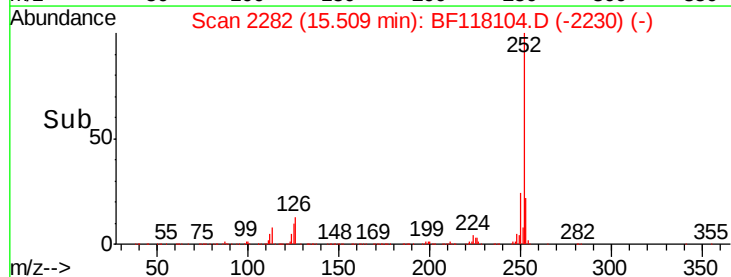
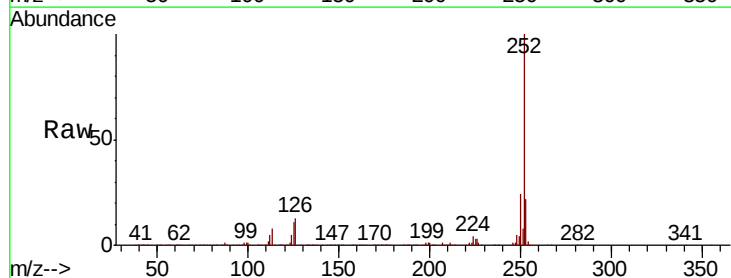
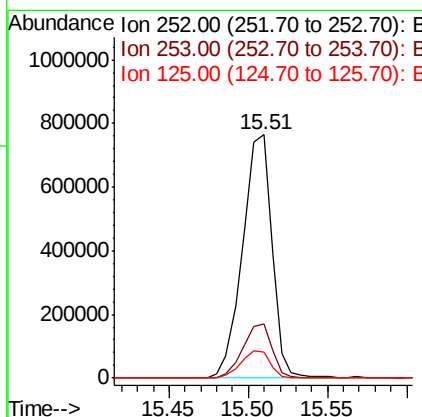
Manual Integrations
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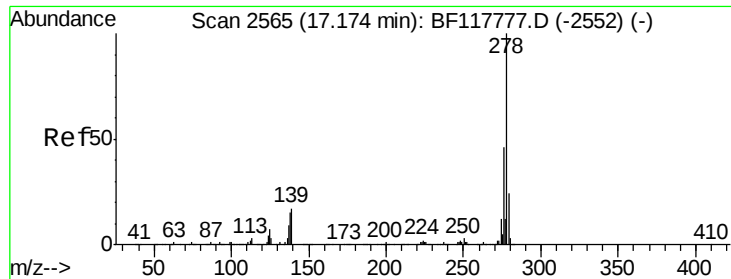
mohammad
12/5/2019 10:50:52 AM



#90
Benzo(a)pyrene
Concen: 35.717 ng
RT: 15.51 min Scan# 2282
Delta R.T. 0.01 min
Lab File: BF118104.D
Acq: 4 Dec 2019 23:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.1	25.7
125	10.5	8.9	13.3





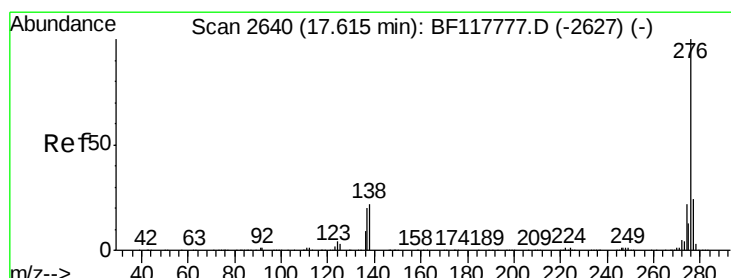
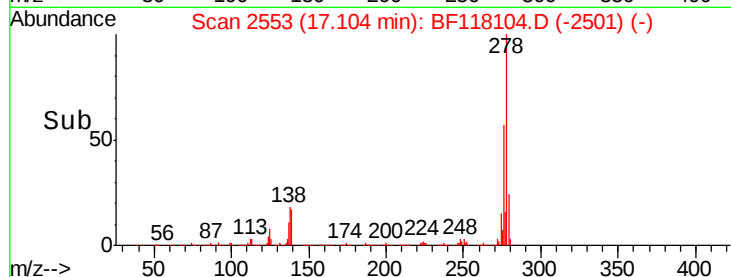
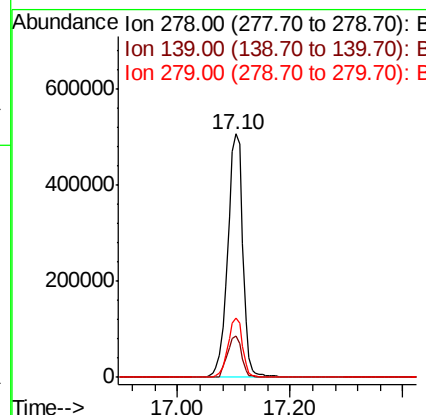
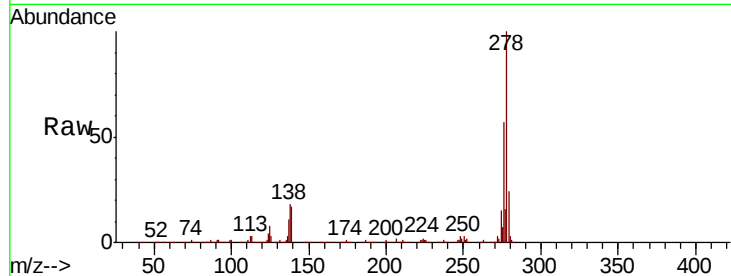
#91
Dibenzo(a,h)anthracene
Concen: 39.668 ng
RT: 17.10 min Scan# 2553
Delta R.T. 0.01 min
Lab File: BF118104.D
Acq: 4 Dec 2019 23:34

Instrument :
BNA_F
ClientSampleId :
TR-05-112619MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.9	12.2	18.4
279	24.4	19.0	28.6

Manual Integrations
APPROVED

mohammad
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#92
Benzo(g,h,i)perylene
Concen: 29.923 ng
RT: 17.55 min Scan# 2629
Delta R.T. 0.01 min
Lab File: BF118104.D
Acq: 4 Dec 2019 23:34

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	19.0	28.4
138	20.6	16.6	25.0

