

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030220\
 Data File : BF119170.D
 Acq On : 2 Mar 2020 15:47
 Operator : CG/JU
 Sample : PB127188BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127188BS

Manual Integrations
 APPROVED

mohammad
 3/3/2020 12:25:50 PM

Quant Time: Mar 03 07:48:32 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	146116	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	563240	20.00	ng	-0.02
39) Acenaphthene-d10	9.77	164	324619	20.00	ng	-0.02
64) Phenanthrene-d10	11.25	188	595634	20.00	ng	-0.01
76) Chrysene-d12	13.89	240	422647	20.00	ng	-0.01
87) Perylene-d12	15.32	264	275280	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.37	112	865344	98.97	ng	0.00
7) Phenol-d6	6.39	99	1066732	100.32	ng	-0.02
23) Nitrobenzene-d5	7.30	82	632941	59.33	ng	-0.02
42) 2,4,6-Tribromophenol	10.56	330	393566	92.68	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	1315122	59.68	ng	-0.02
79) Terphenyl-d14	12.83	244	1551632	63.21	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.52	88	118488	30.438	ng	98
3) Pyridine	3.25	79	273167	25.694	ng	98
4) n-Nitrosodimethylamine	3.18	42	111258	34.546	ng	96
6) Aniline	6.40	93	301323	22.965	ng	# 83
8) 2-Chlorophenol	6.53	128	353924	37.509	ng	99
9) Benzaldehyde	6.29	77	87333	12.293	ng	99
10) Phenol	6.40	94	420476	36.574	ng	97
11) bis(2-Chloroethyl)ether	6.47	93	313667	35.658	ng	99
12) 1,3-Dichlorobenzene	6.67	146	383346	33.897	ng	98
13) 1,4-Dichlorobenzene	6.75	146	392867	34.715	ng	98
14) 1,2-Dichlorobenzene	6.90	146	366432	35.503	ng	99
15) Benzyl Alcohol	6.89	79	295555	38.458	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.01	45	256186	33.620	ng	# 57
17) 2-Methylphenol	7.00	107	289128	37.794	ng	99
18) Hexachloroethane	7.25	117	140085	34.599	ng	98
19) n-Nitroso-di-n-propylamine	7.15	70	237920	38.398	ng	98
20) 3+4-Methylphenols	7.16	107	367441	39.205	ng	96
22) Acetophenone	7.15	105	479850	36.821	ng	# 96
24) Nitrobenzene	7.32	77	370307	35.103	ng	99
25) Isophorone	7.56	82	663284	35.803	ng	100
26) 2-Nitrophenol	7.64	139	199765	35.740	ng	98
27) 2,4-Dimethylphenol	7.68	122	303800	40.049	ng	97
28) bis(2-Chloroethoxy)methane	7.77	93	406604	33.719	ng	99
29) 2,4-Dichlorophenol	7.89	162	315076	35.282	ng	99
30) 1,2,4-Trichlorobenzene	7.96	180	347996	32.867	ng	98
31) Naphthalene	8.04	128	1032567	35.349	ng	99
32) Benzoic acid	7.83	122	164529	32.268	ng	99
33) 4-Chloroaniline	8.09	127	257876	20.526	ng	97
34) Hexachlorobutadiene	8.16	225	209933	31.831	ng	98
35) Caprolactam	8.47	113	99449m	36.166	ng	
36) 4-Chloro-3-methylphenol	8.59	107	332469	36.786	ng	100
37) 2-Methylnaphthalene	8.73	142	716871	36.467	ng	98
38) 1-Methylnaphthalene	8.83	142	668270	36.148	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	356363	32.560	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.89	237	123171	36.681	nq	100
43) 2,4,6-Trichlorophenol	9.02	196	221694	32.076	nq	99
44) 2,4,5-Trichlorophenol	9.07	196	240255	33.126	nq	96
46) 1,1'-Biphenyl	9.19	154	868023	33.085	nq	98
47) 2-Chloronaphthalene	9.22	162	688603	32.570	nq	96
48) 2-Nitroaniline	9.32	65	197526	33.496	nq	97
49) Acenaphthylene	9.63	152	1047397	34.301	nq	99
50) Dimethylphthalate	9.50	163	845658	34.068	nq	99
51) 2,6-Dinitrotoluene	9.56	165	189460	34.354	nq	94
52) Acenaphthene	9.80	154	625585	33.976	nq	99
53) 3-Nitroaniline	9.73	138	130153	21.288	nq	100
54) 2,4-Dinitrophenol	9.85	184	149416	58.011	nq	# 89
55) Dibenzofuran	9.98	168	948629	34.518	nq	96
56) 4-Nitrophenol	9.92	139	196451	53.479	nq	94
57) 2,4-Dinitrotoluene	9.97	165	242438	33.915	nq	98
58) Fluorene	10.32	166	754273	35.320	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.10	232	201221	32.880	nq	98
60) Diethylphthalate	10.20	149	819090	35.015	nq	100
61) 4-Chlorophenyl-phenylether	10.31	204	396780	35.102	nq	96
62) 4-Nitroaniline	10.35	138	178830	28.589	nq	99
63) Azobenzene	10.47	77	722315	35.524	nq	95
65) 4,6-Dinitro-2-methylphenol	10.39	198	128092	35.539	nq	96
66) n-Nitrosodiphenylamine	10.43	169	681879	34.962	nq	99
67) 4-Bromophenyl-phenylether	10.80	248	258895	33.253	nq	95
68) Hexachlorobenzene	10.87	284	291243	32.445	nq	97
69) Atrazine	10.96	200	234049	34.347	nq	98
70) Pentachlorophenol	11.07	266	219936	60.824	nq	98
71) Phenanthrene	11.28	178	1112974	34.263	nq	98
72) Anthracene	11.33	178	1135854	34.997	nq	97
73) Carbazole	11.49	167	985737	34.092	nq	99
74) Di-n-butylphthalate	11.82	149	1248229	35.648	nq	98
75) Fluoranthene	12.46	202	1175383	34.089	nq	98
77) Benzidine	12.59	184	193350	11.249	nq	98
78) Pyrene	12.69	202	1175624	34.640	nq	99
80) Butylbenzylphthalate	13.30	149	508224	35.581	nq	96
81) Benzo(a)anthracene	13.88	228	980333	34.042	nq	99
82) 3,3'-Dichlorobenzidine	13.84	252	300510	26.874	nq	98
83) Chrysene	13.92	228	966416	33.679	nq	98
84) Bis(2-ethylhexyl)phthalate	13.86	149	706180	39.134	nq	98
85) Di-n-octyl phthalate	14.47	149	1102455	38.344	nq	99
86) Indeno(1,2,3-cd)pyrene	16.72	276	744694	26.803	nq	99
88) Benzo(b)fluoranthene	14.91	252	843603	46.492	nq	98
89) Benzo(k)fluoranthene	14.94	252	809942	48.167	nq	99
90) Benzo(a)pyrene	15.26	252	693798	42.366	nq	98
91) Dibenzo(a,h)anthracene	16.72	278	640312	44.438	nq	99
92) Benzo(g,h,i)perylene	17.13	276	612886	43.049	nq	99

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

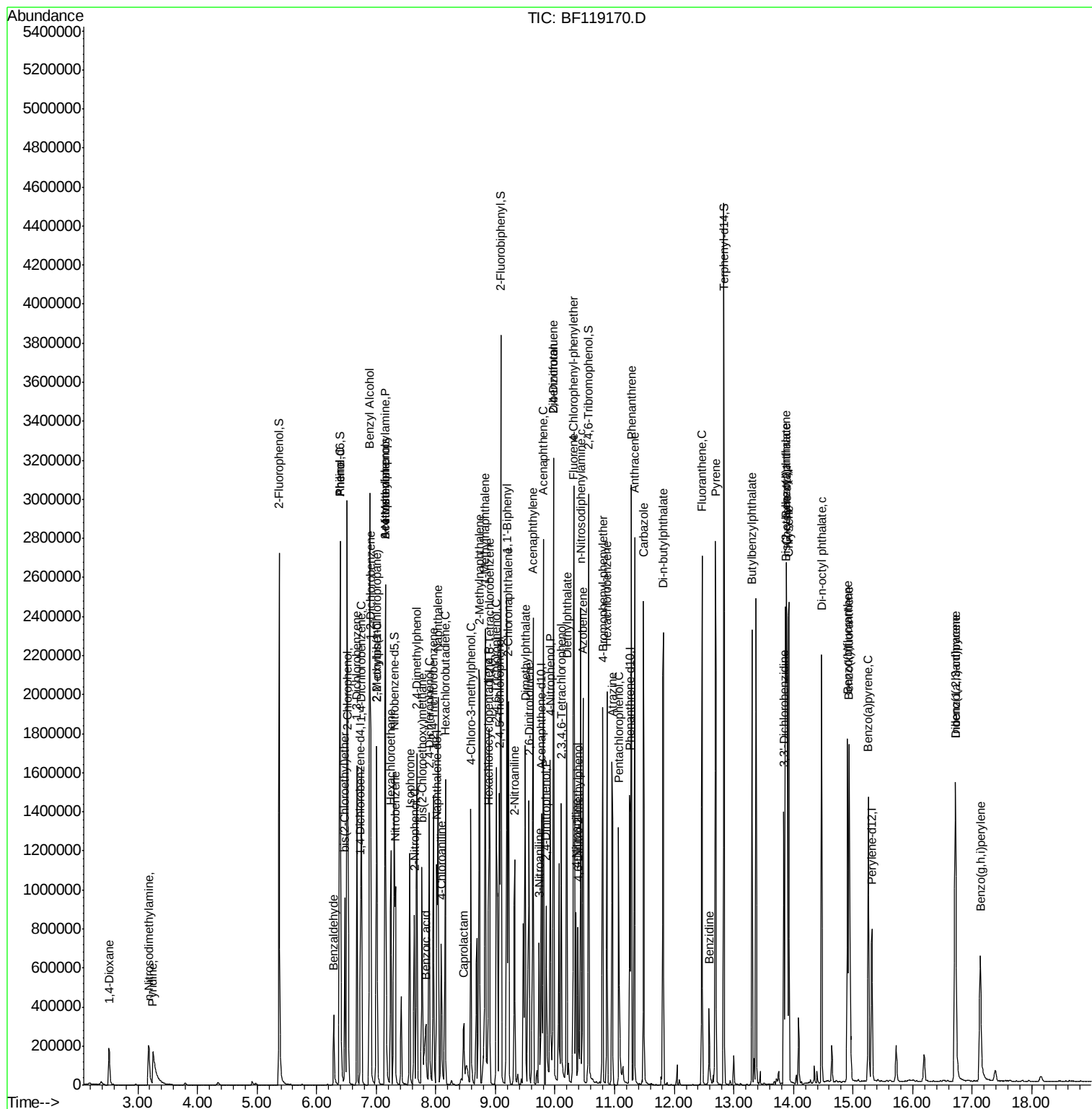
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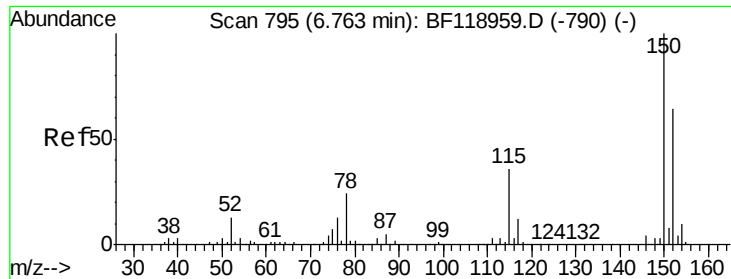
Instrument :
BNA_F
ClientSampleID :
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#1

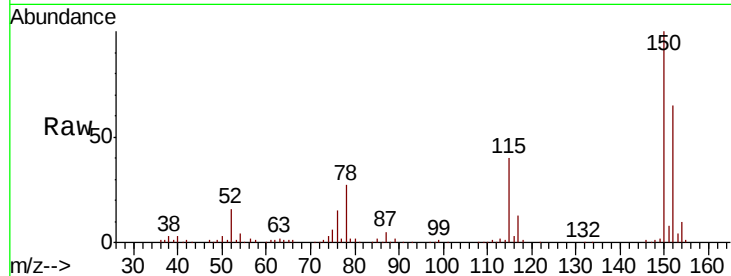
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF119170.D
Acq: 2 Mar 2020 15:47

Instrument :
BNA_F
ClientSampleId :
PB127188BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	123.0	184.6
115	61.6	49.5	74.3

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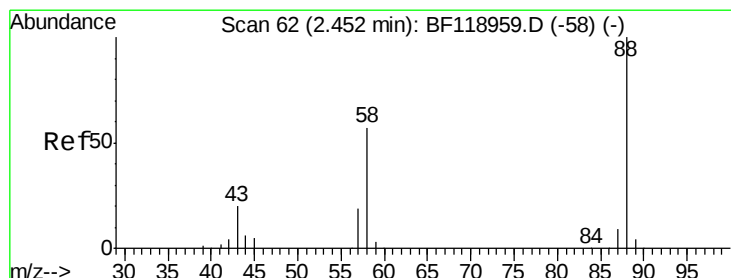
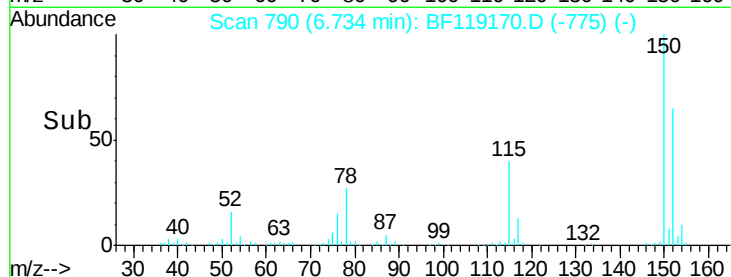
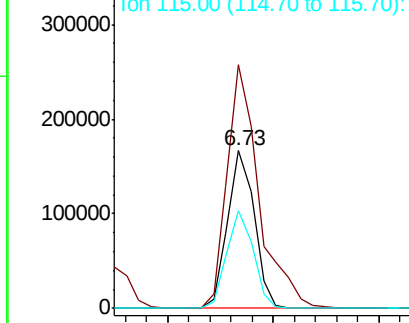


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

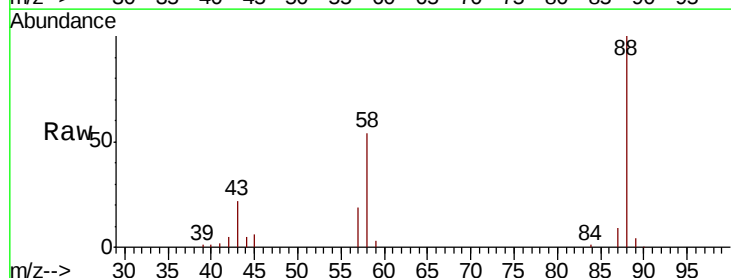
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 30.438 ng
RT: 2.52 min Scan# 73
Delta R.T. 0.08 min
Lab File: BF119170.D
Acq: 2 Mar 2020 15:47

Tgt Ion	Ratio	Lower	Upper
88	100		
58	56.0	43.8	65.6
43	21.1	16.2	24.4

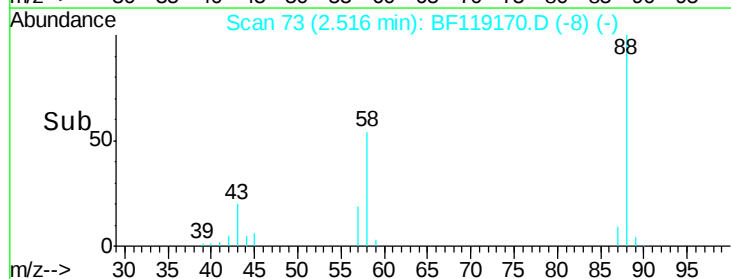
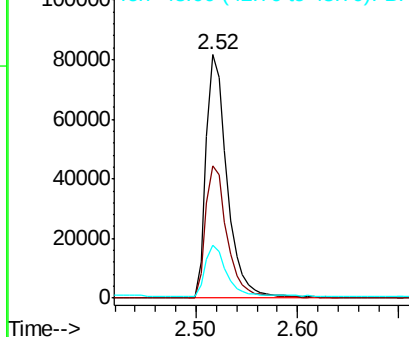


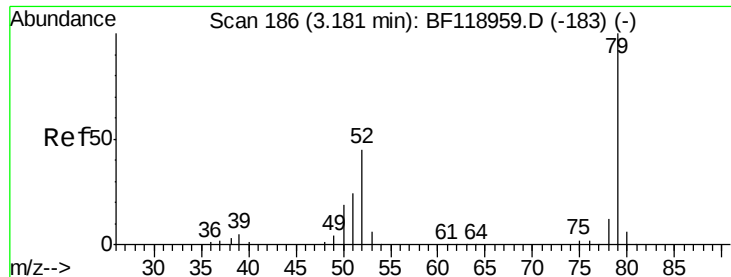
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 25.694 ng

RT: 3.25 min Scan# 198

Delta R.T. 0.09 min

Lab File: BF119170.D

Acq: 2 Mar 2020 15:47

Instrument :

BNA_F

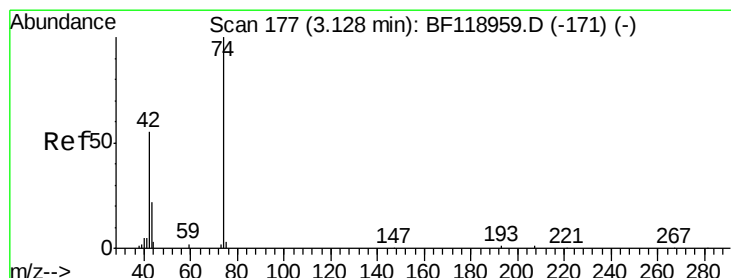
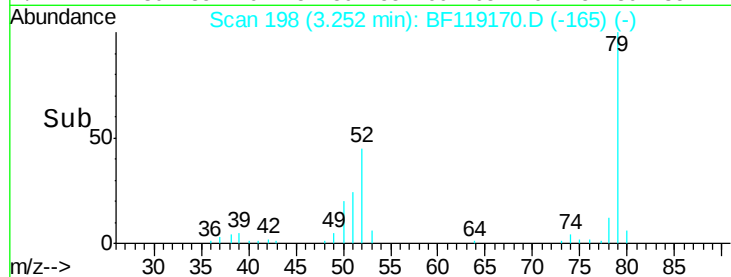
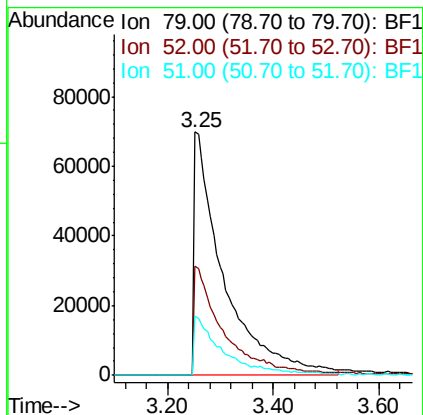
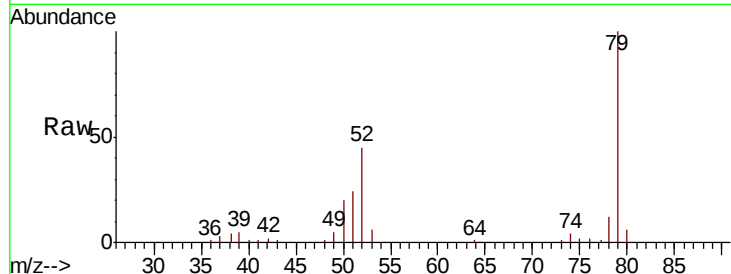
ClientSampleId :

PB127188BS

Tot Ion:	79	Resp:	273167
Ion	Ratio	Lower	Upper
79	100		
52	45.0	37.4	56.0
51	24.2	19.8	29.6

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#4

n-Nitrosodimethylamine

Concen: 34.546 ng

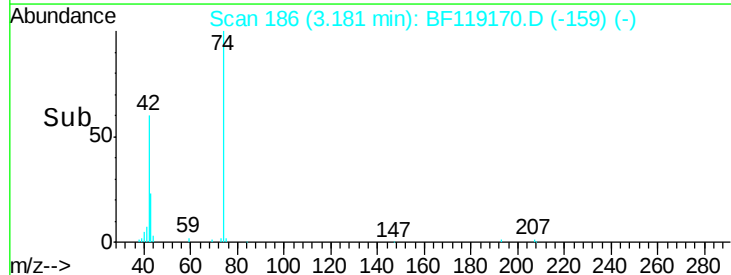
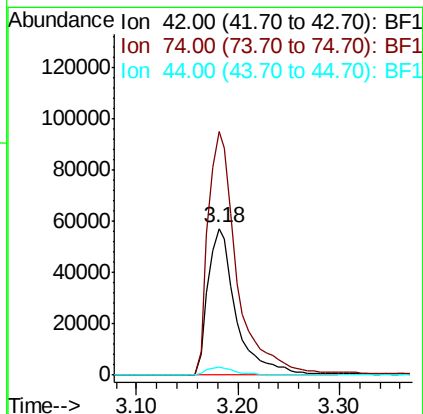
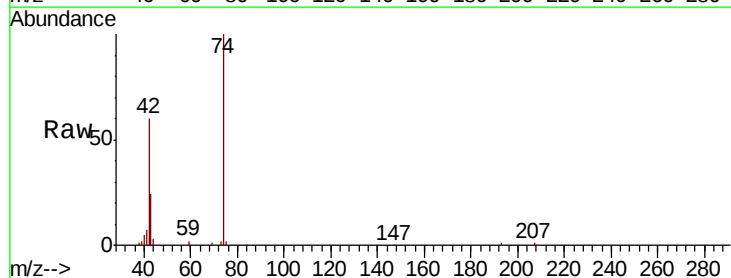
RT: 3.18 min Scan# 186

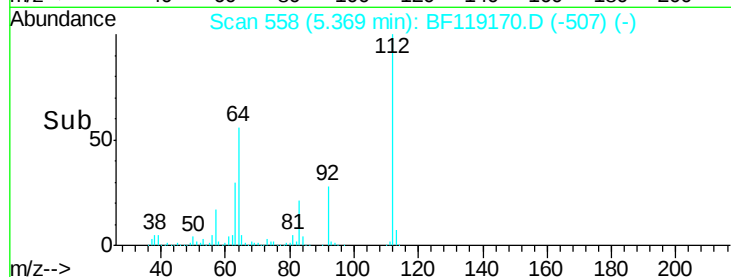
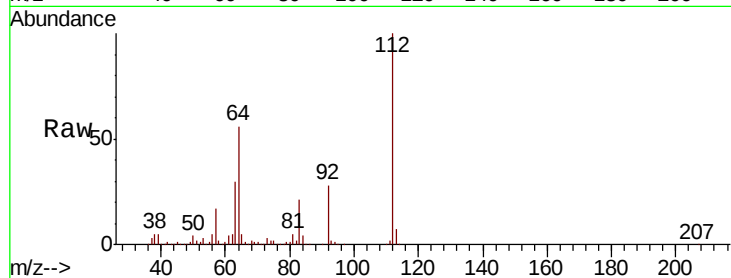
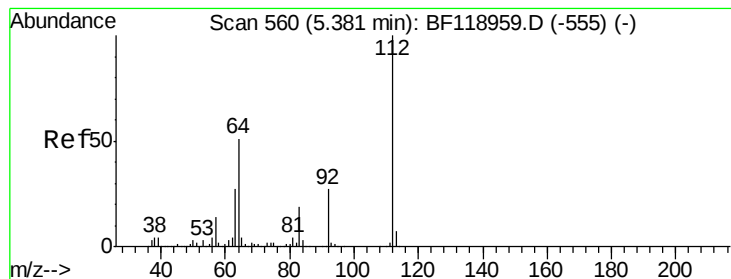
Delta R.T. 0.06 min

Lab File: BF119170.D

Acq: 2 Mar 2020 15:47

Tgt Ion:	42	Resp:	111258
Ion	Ratio	Lower	Upper
42	100		
74	166.1	137.7	206.5
44	5.1	4.5	6.7





#5

2-Fluorophenol

Concen: 98.972 ng

RT: 5.37 min Scan# 558

Delta R.T. 0.00 min

Lab File: BF119170.D

Acq: 2 Mar 2020 15:47

Tot Ion:	112	Resp:	865344
Ion Ratio	Lower	Upper	
112	100		
64	55.7	45.0	67.4
63	30.4	24.2	36.4

Instrument :

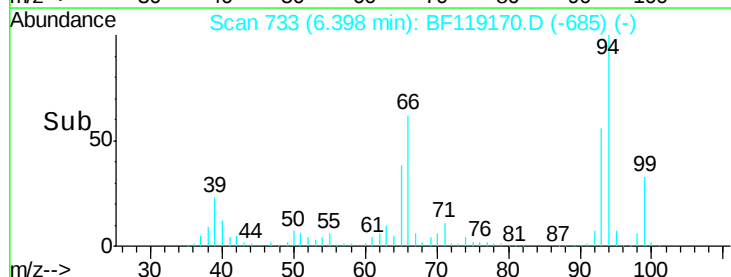
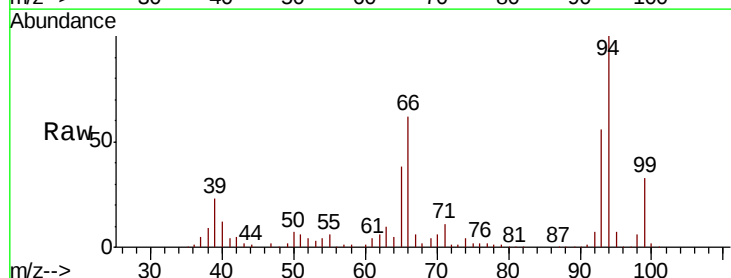
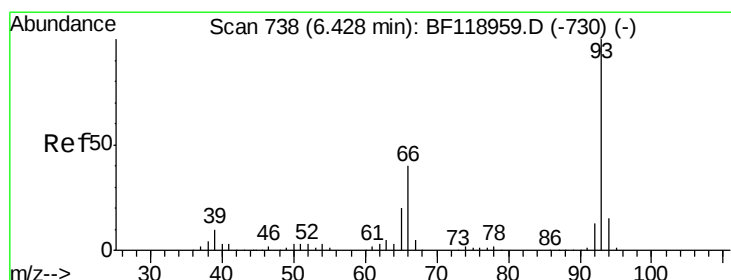
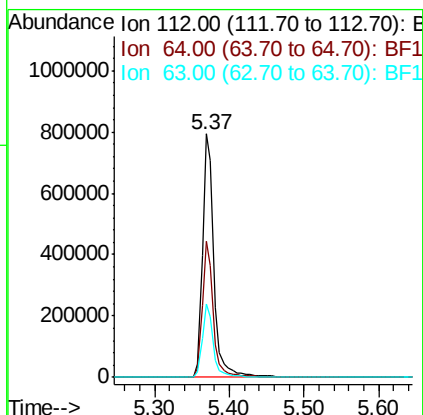
BNA_F

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PB127188BS

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#6

Aniline

Concen: 22.965 ng

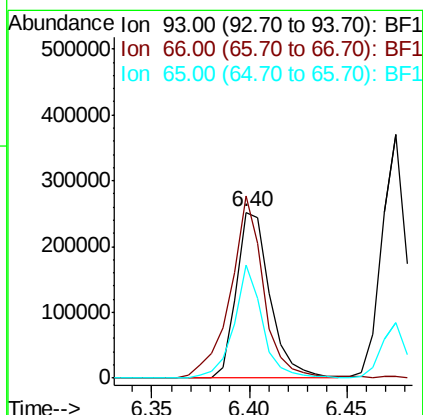
RT: 6.40 min Scan# 733

Delta R.T. -0.02 min

Lab File: BF119170.D

Acq: 2 Mar 2020 15:47

Tgt Ion:	93	Resp:	301323
Ion Ratio	Lower	Upper	
93	100		
66	110.0	74.5	111.7
65	68.5	45.3	67.9#





#7

Phenol-d6

Concen: 100.318 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF119170.D

Acq: 2 Mar 2020 15:47

Instrument :

BNA_F

ClientSampleId :

PB127188BS

Tot Ion: 99 Resp: 1066732

Ion Ratio Lower Upper

99 100

42 15.4 12.6 18.8

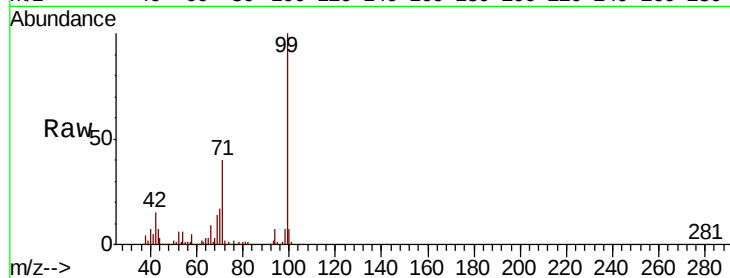
71 39.9 31.0 46.4

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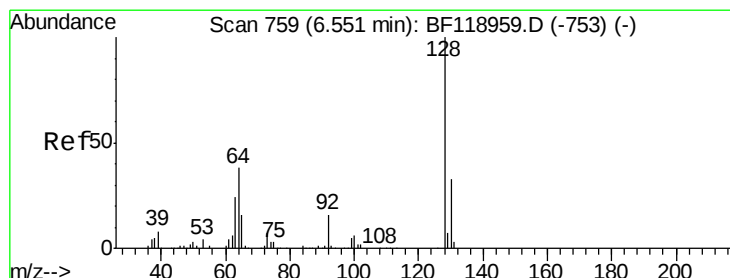
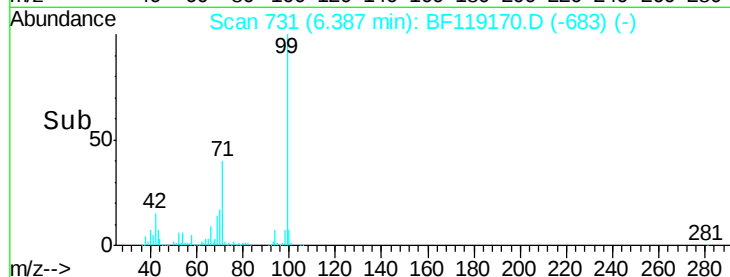
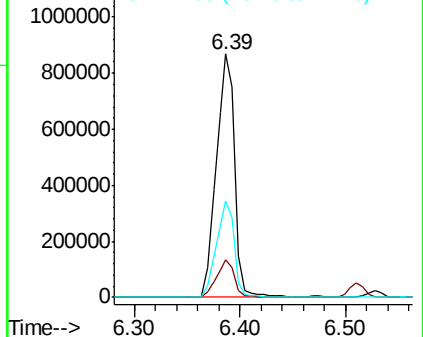
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 37.509 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF119170.D

Acq: 2 Mar 2020 15:47

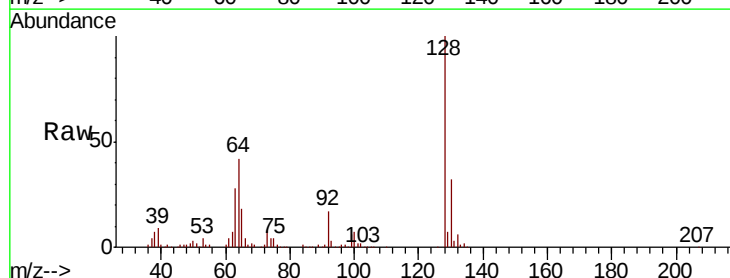
Tgt Ion:128 Resp: 353924

Ion Ratio Lower Upper

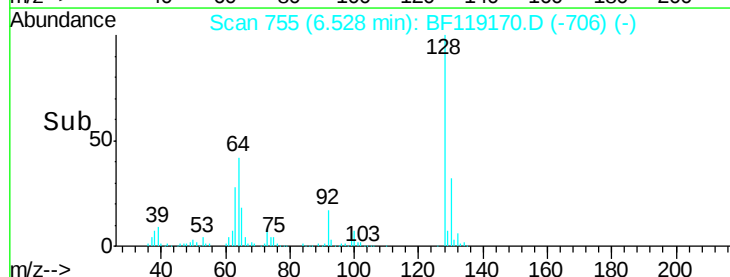
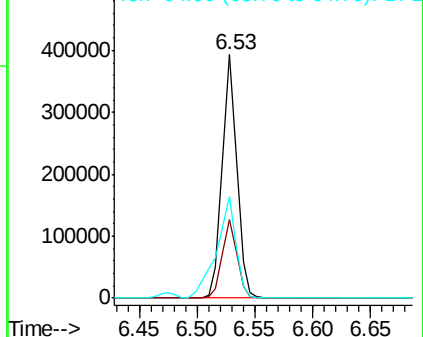
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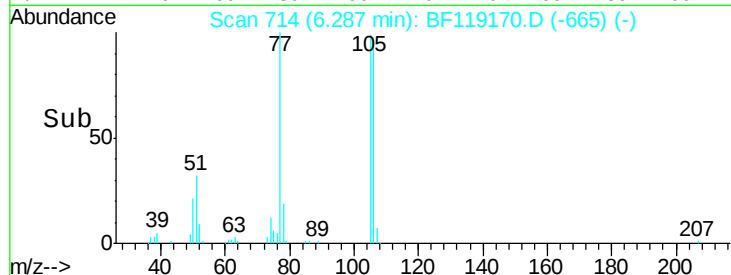
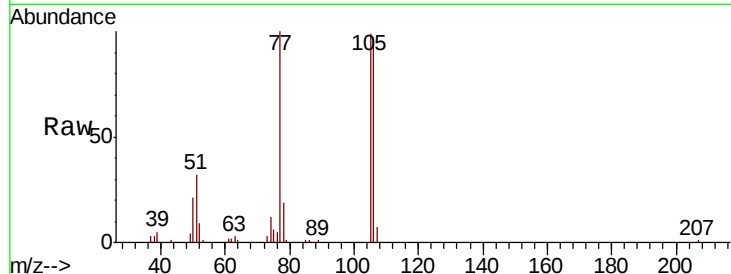
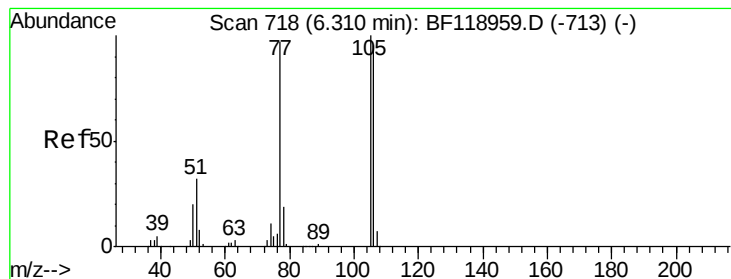
130 32.3 12.7 52.7

64 41.7 22.3 62.3



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





#9

Benzaldehyde

Concen: 12.293 ng

RT: 6.29 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF119170.D

Acq: 2 Mar 2020 15:47

Tot Ion:	77	Resp:	87333
Ion	Ratio	Lower	Upper
77	100		
105	99.3	80.1	120.1
106	96.6	75.9	115.9

Instrument :

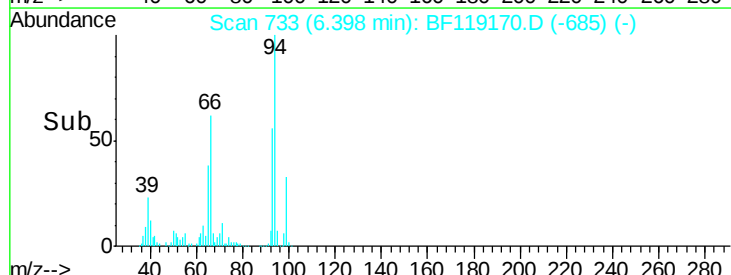
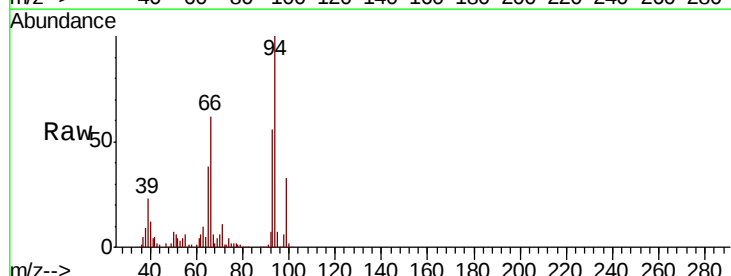
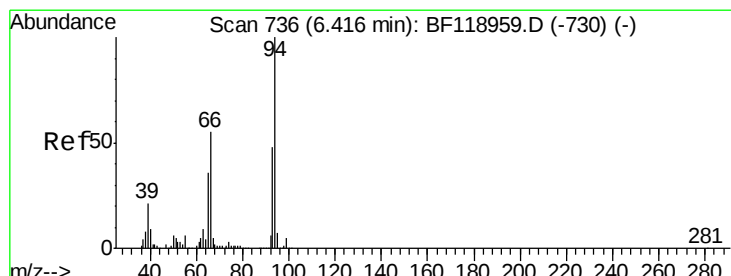
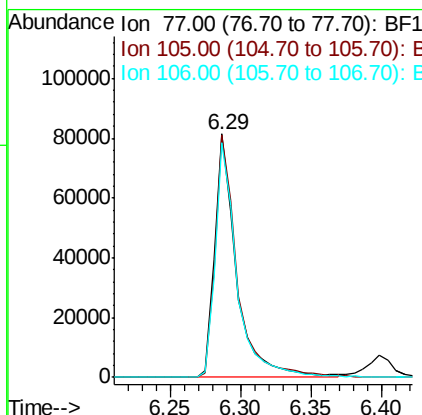
BNA_F

ClientSampled :

PB127188BS

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#10

Phenol

Concen: 36.574 ng

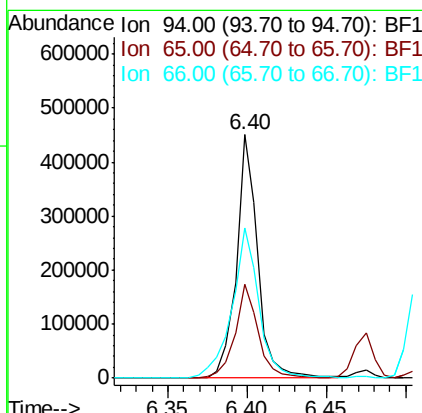
RT: 6.40 min Scan# 733

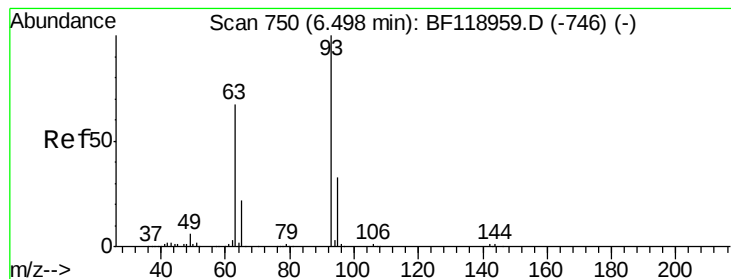
Delta R.T. -0.02 min

Lab File: BF119170.D

Acq: 2 Mar 2020 15:47

Tgt Ion:	94	Resp:	420476
Ion	Ratio	Lower	Upper
94	100		
65	38.3	19.2	59.2
66	61.5	44.4	84.4





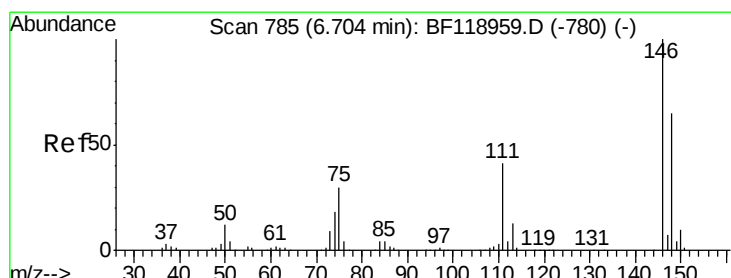
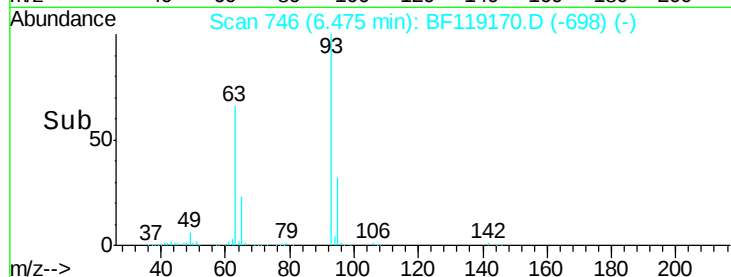
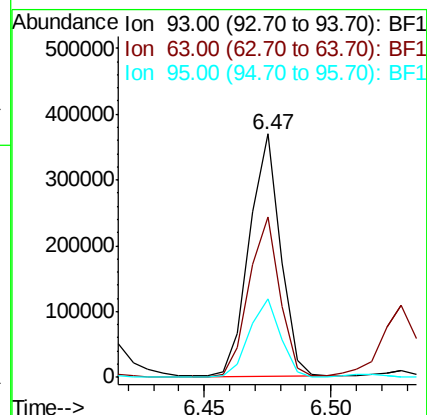
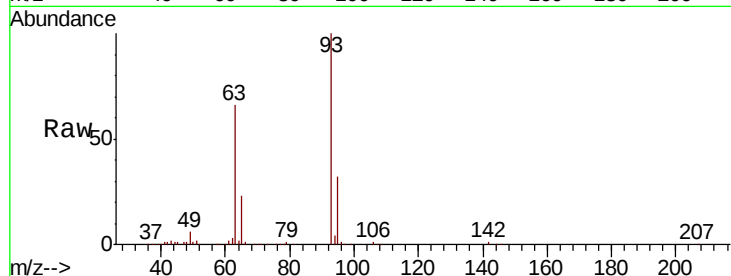
#11
bis(2-Chloroethyl)ether
Concen: 35.658 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.02 min
Lab File: BF119170.D
Acq: 2 Mar 2020 15:47

Instrument :
BNA_F
ClientSampleId :
PB127188BS

Tot Ion:	93	Resp:	313667
Ion	Ratio	Lower	Upper
93	100		
63	66.2	45.4	85.4
95	32.2	13.5	53.5

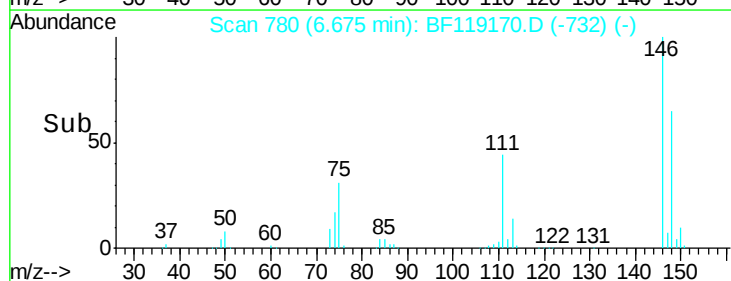
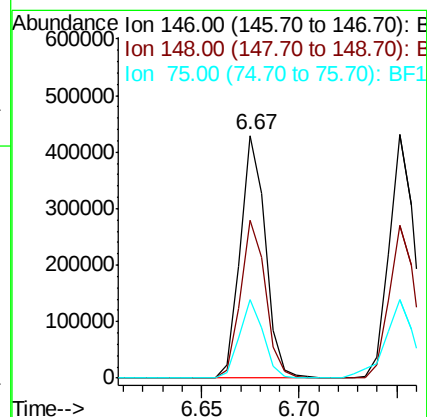
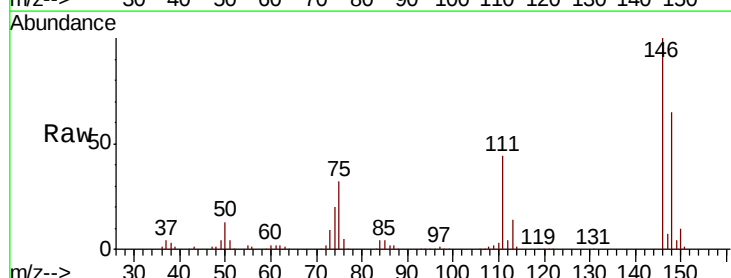
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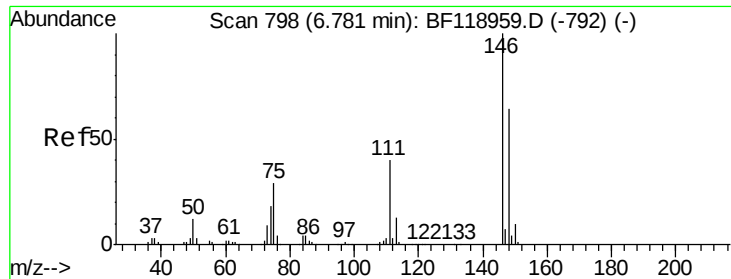
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#12
1,3-Dichlorobenzene
Concen: 33.897 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.02 min
Lab File: BF119170.D
Acq: 2 Mar 2020 15:47

Tgt Ion:	146	Resp:	383346
Ion	Ratio	Lower	Upper
146	100		
148	65.1	52.5	78.7
75	32.2	23.6	35.4





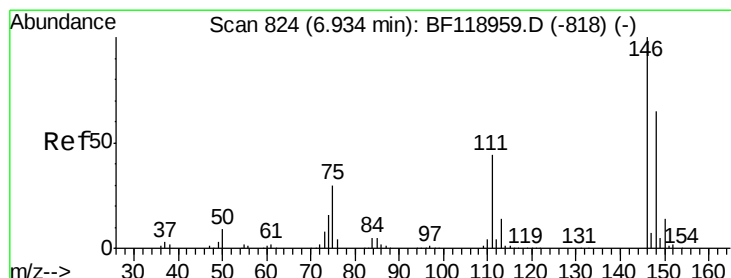
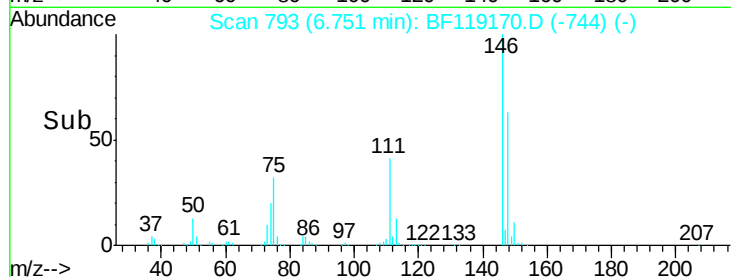
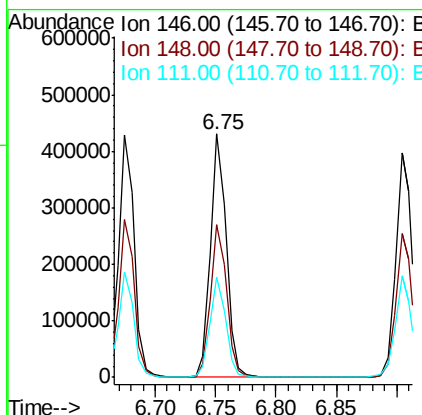
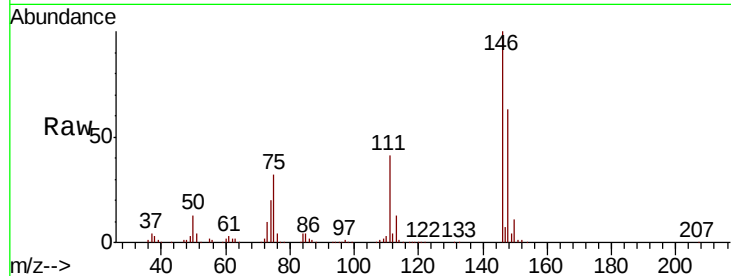
#13
 1,4-Dichlorobenzene
 Concen: 34.715 ng
 RT: 6.75 min Scan# 793
 Delta R.T. -0.01 min
 Lab File: BF119170.D
 Acq: 2 Mar 2020 15:47

Instrument :
 BNA_F
 ClientSampleId :
 PB127188BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.0	51.1	76.7
111	41.3	34.8	52.2

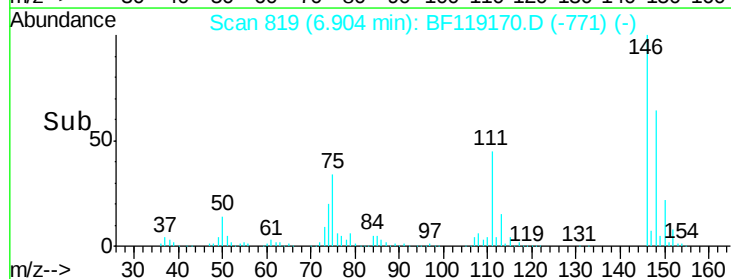
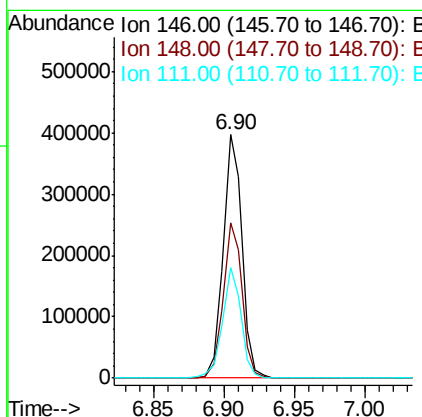
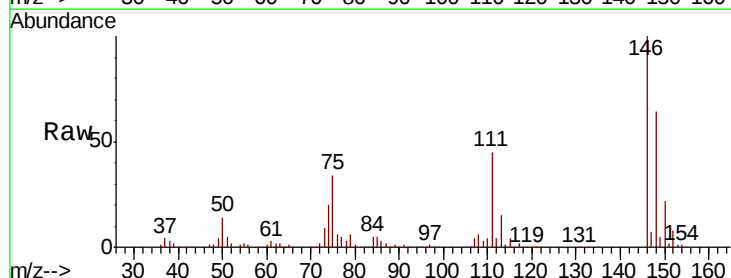
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#14
 1,2-Dichlorobenzene
 Concen: 35.503 ng
 RT: 6.90 min Scan# 819
 Delta R.T. -0.02 min
 Lab File: BF119170.D
 Acq: 2 Mar 2020 15:47

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.9	77.9
111	45.3	36.2	54.2





#15

Benzyl Alcohol

Concen: 38.458 ng

RT: 6.89 min Scan# 816

Delta R.T. -0.01 min

Lab File: BF119170.D

Acq: 2 Mar 2020 15:47

Instrument :

BNA_F

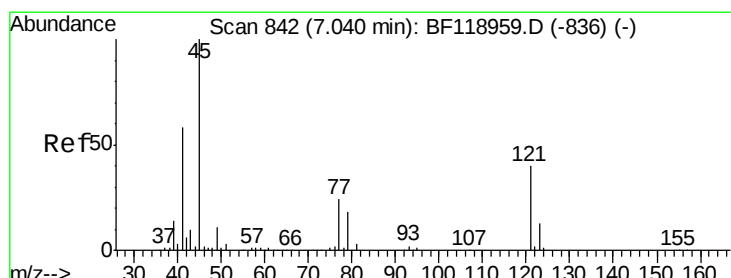
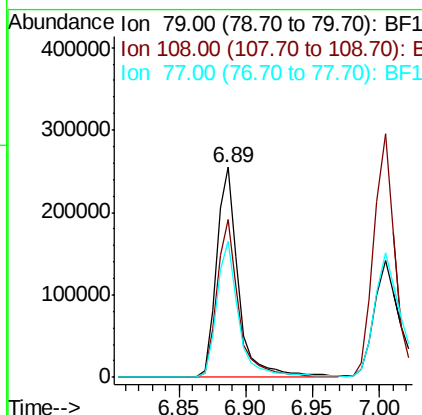
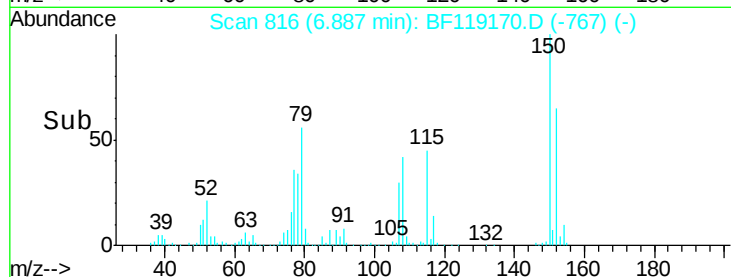
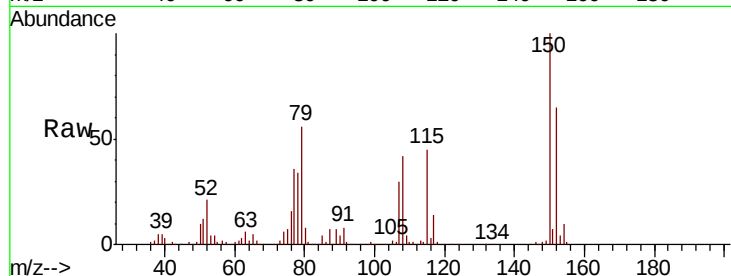
ClientSampleID :

PB127188BS

Tot Ion:	79	Resp:	295555
Ion Ratio	Lower	Upper	
79	100		
108	75.1	58.2	87.2
77	64.7	51.2	76.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.620 ng

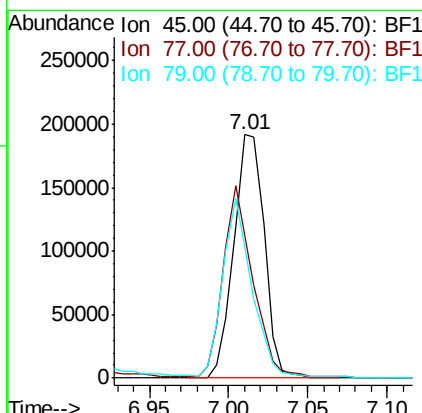
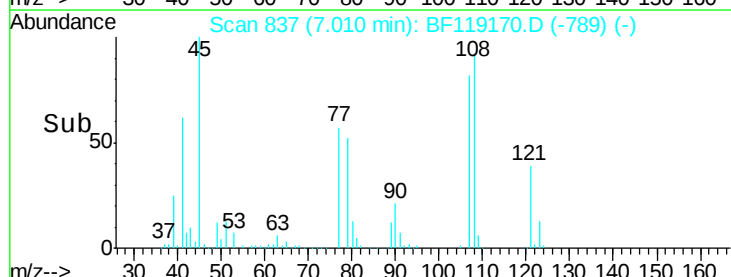
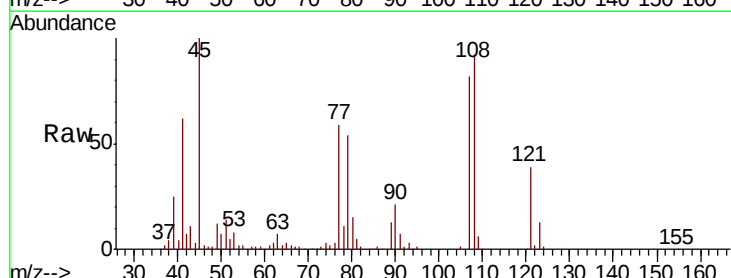
RT: 7.01 min Scan# 837

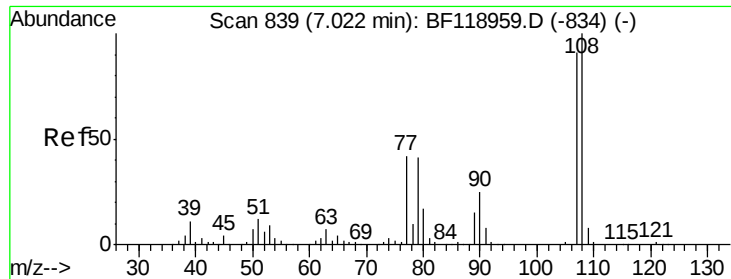
Delta R.T. -0.02 min

Lab File: BF119170.D

Acq: 2 Mar 2020 15:47

Tgt Ion:	45	Resp:	256186
Ion Ratio	Lower	Upper	
45	100		
77	58.7	15.0	55.0#
79	53.6	9.4	49.4#





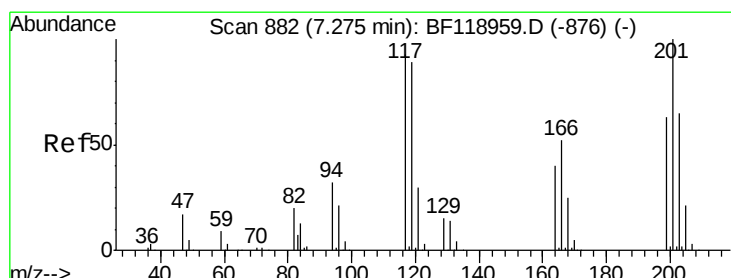
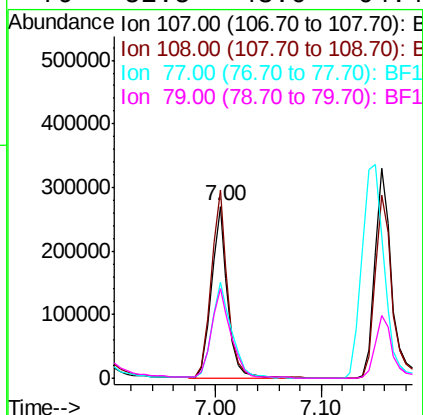
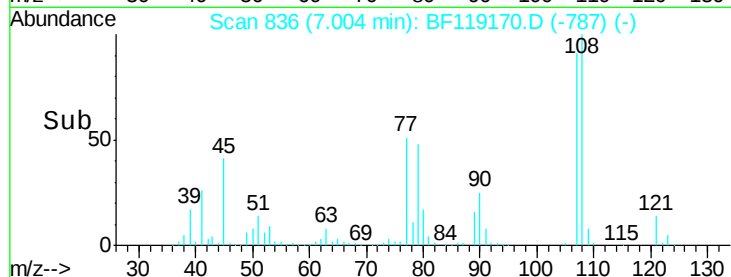
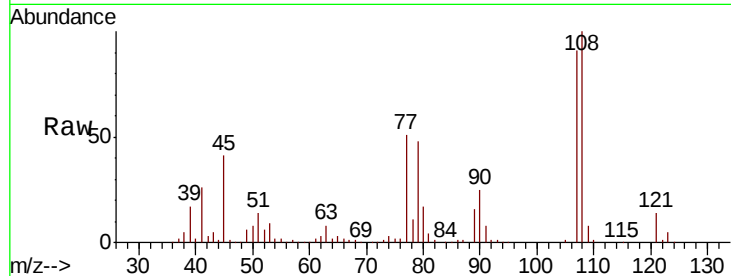
#17
2-Methylphenol
Concen: 37.794 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BF119170.D
Acq: 2 Mar 2020 15:47

Instrument :
BNA_F
ClientSampleId :
PB127188BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.4	87.9	131.9	
77	56.2	45.3	67.9	
79	52.5	43.0	64.4	

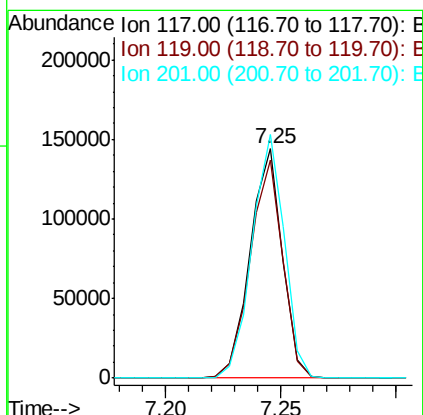
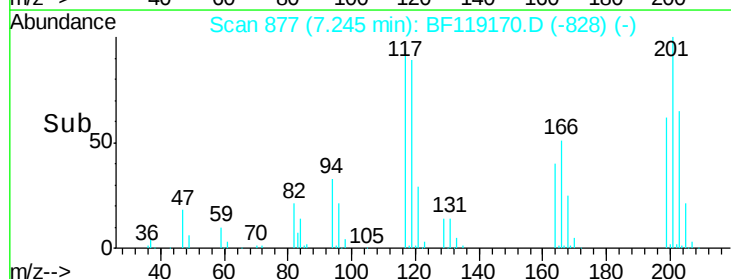
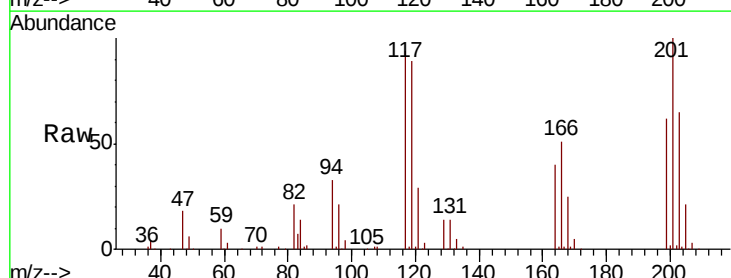
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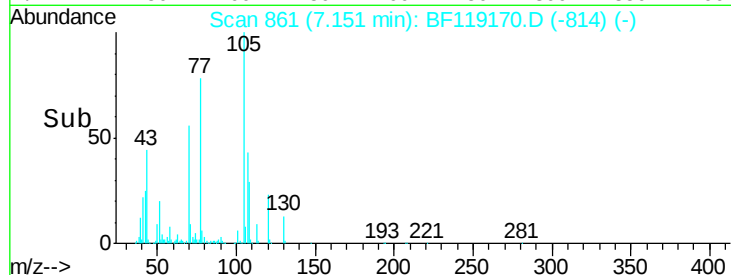
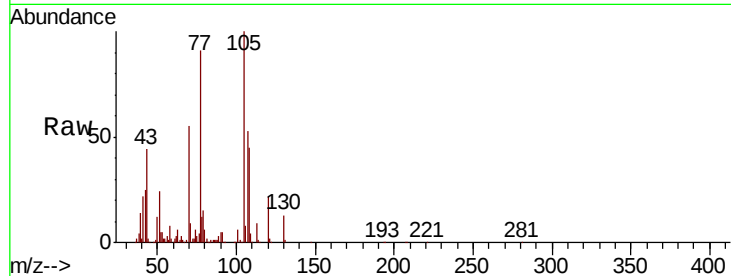
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#18
Hexachloroethane
Concen: 34.599 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF119170.D
Acq: 2 Mar 2020 15:47

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.9	77.5	116.3	
201	106.2	82.6	123.8	





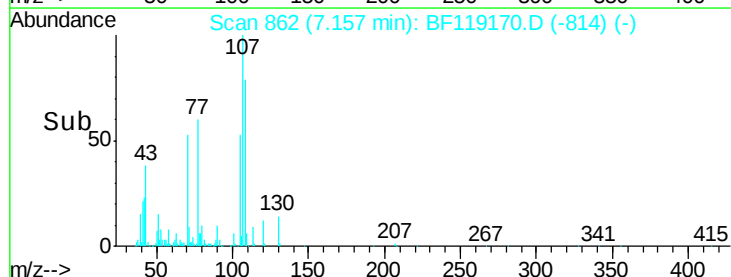
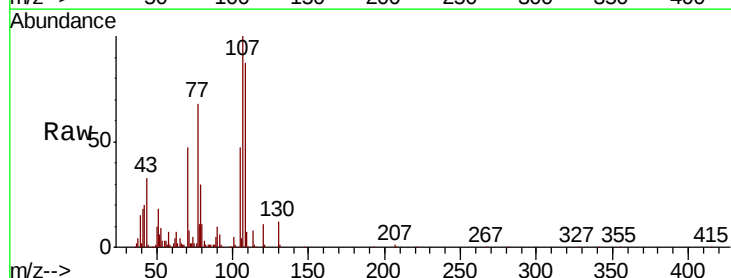
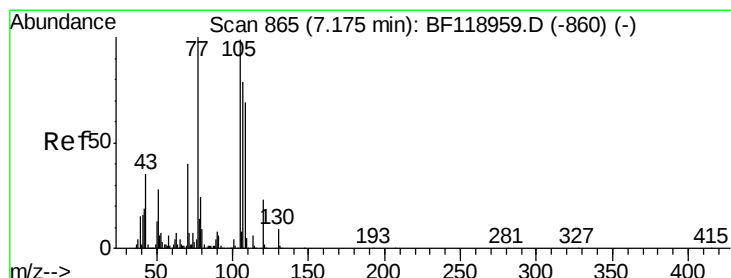
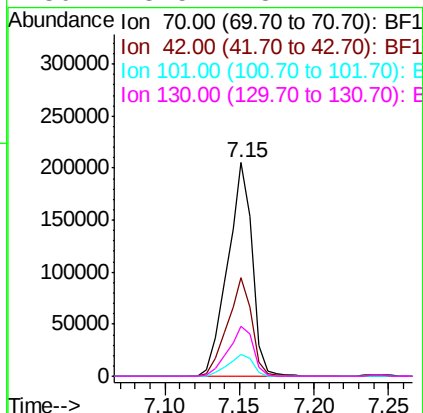
#19
n-Nitroso-di-n-propylamine
Concen: 38.398 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: BF119170.D
Acq: 2 Mar 2020 15:47

Instrument :
BNA_F
ClientSampleId :
PB127188BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	45.9	38.0	57.0
101	10.0	8.2	12.4
130	23.5	18.2	27.4

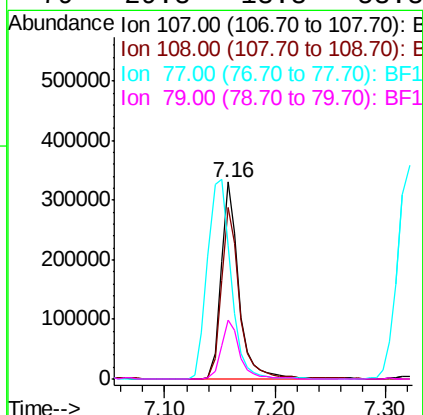
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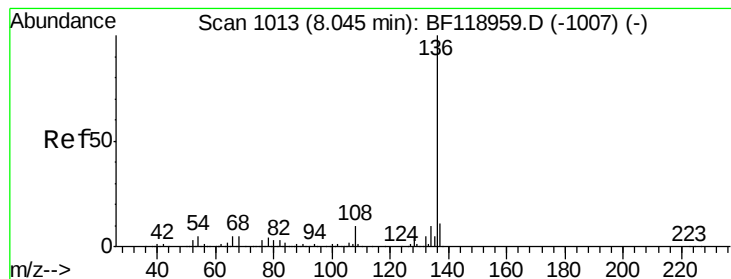
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#20
3+4-Methylphenols
Concen: 39.205 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.02 min
Lab File: BF119170.D
Acq: 2 Mar 2020 15:47

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.5	71.5	111.5
77	67.6	45.9	85.9
79	29.8	13.8	53.8





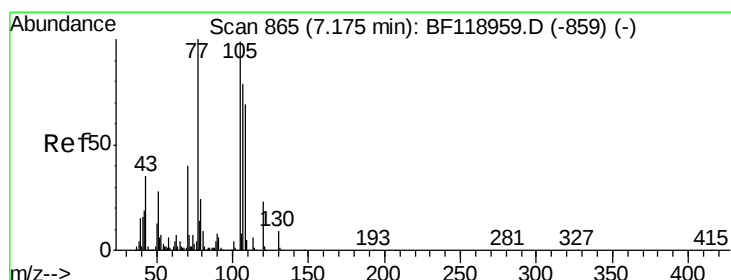
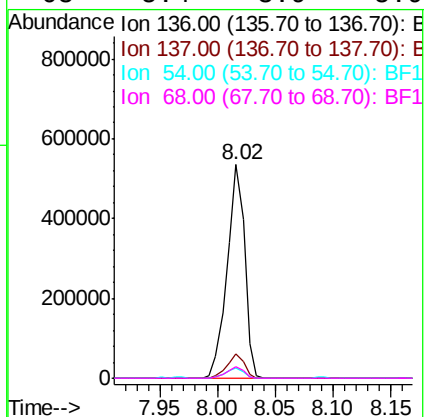
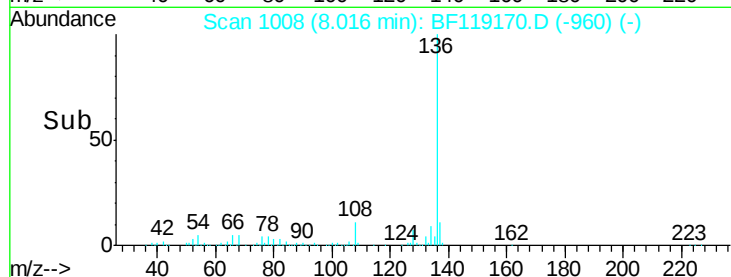
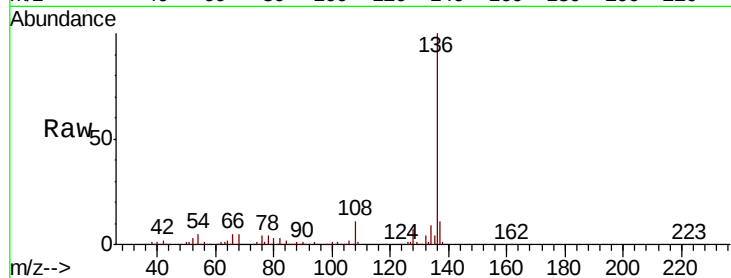
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.02 min
Lab File: BF119170.D
Acq: 2 Mar 2020 15:47

Instrument :
BNA_F
ClientSampleId :
PB127188BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		563240		
137	11.2	8.8	13.2		
54	5.0	3.8	5.6		
68	5.4	3.9	5.9		

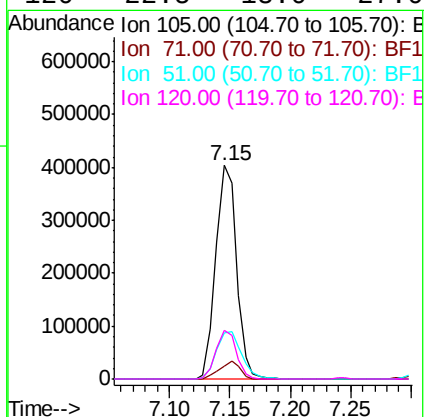
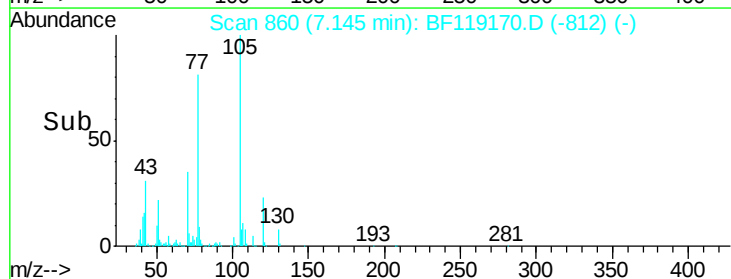
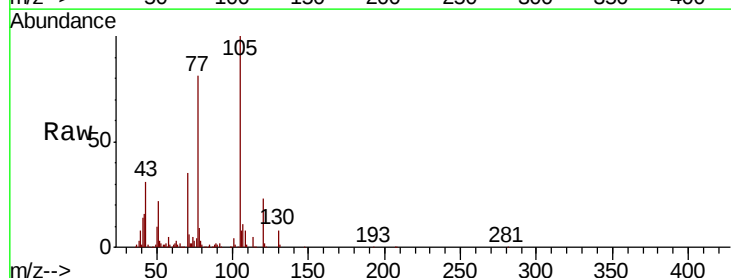
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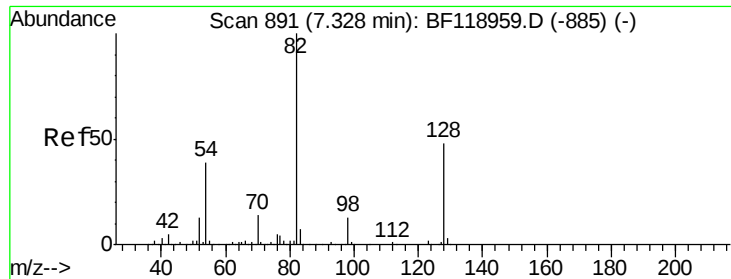
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#22
Acetophenone
Concen: 36.821 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.02 min
Lab File: BF119170.D
Acq: 2 Mar 2020 15:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		479850		
71	5.9	3.0	4.4#		
51	21.9	20.1	30.1		
120	22.5	18.0	27.0		





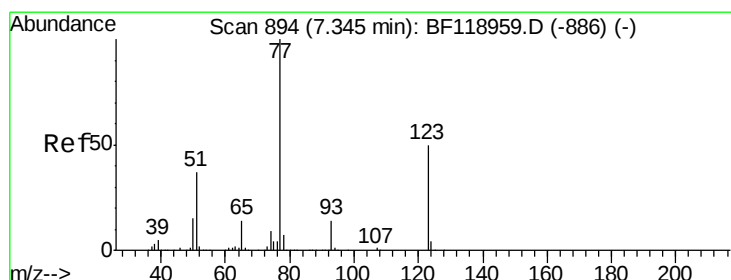
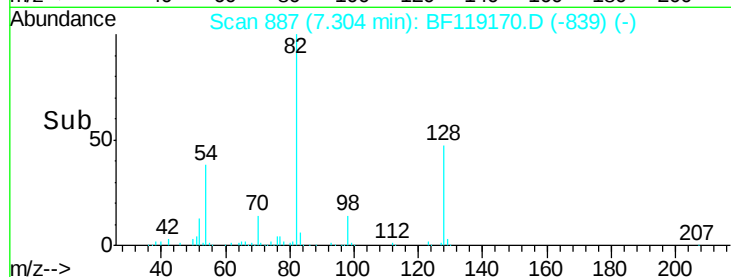
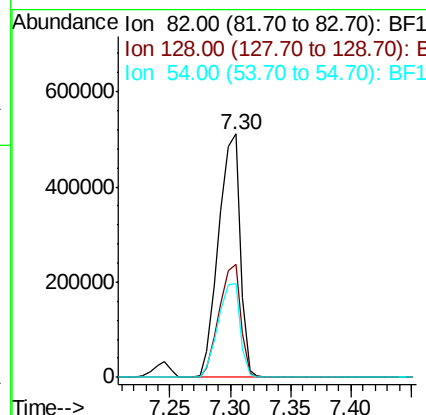
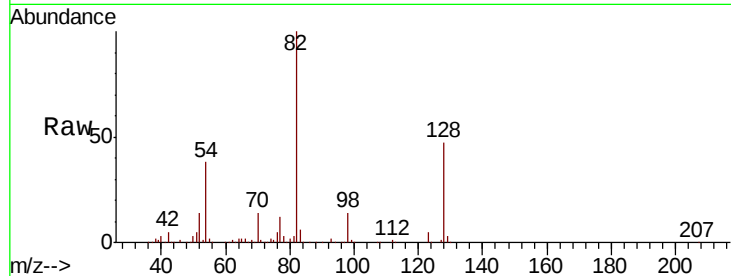
#23
Nitrobenzene-d5
Concen: 59.334 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF119170.D
Acq: 2 Mar 2020 15:47

Instrument :
BNA_F
ClientSampleId :
PB127188BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.7	37.9	56.9
54	38.5	33.4	50.2

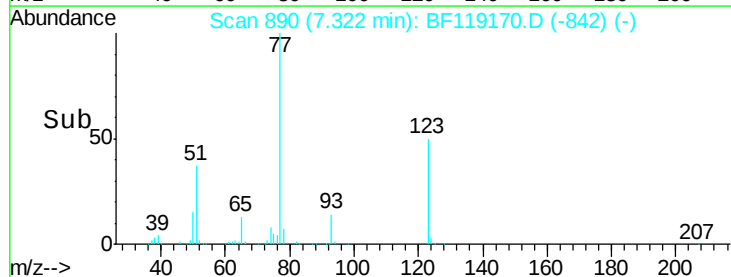
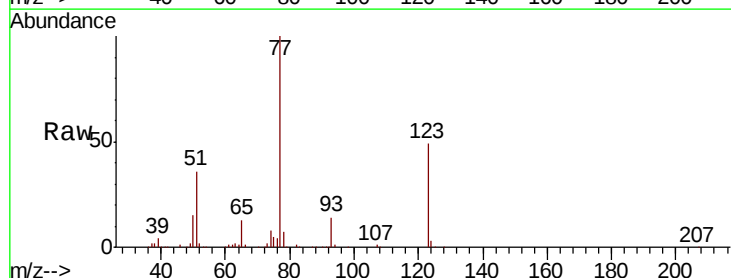
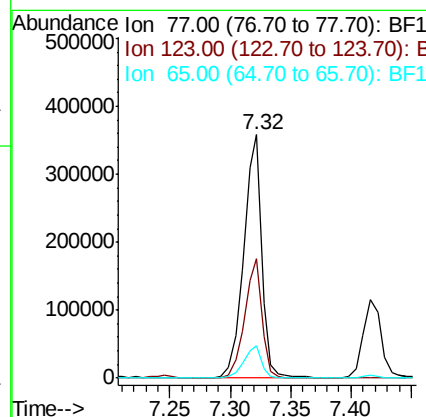
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#24
Nitrobenzene
Concen: 35.103 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.02 min
Lab File: BF119170.D
Acq: 2 Mar 2020 15:47

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.1	40.2	60.2
65	13.1	10.8	16.2





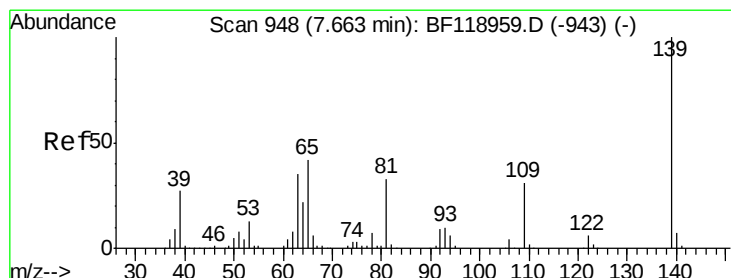
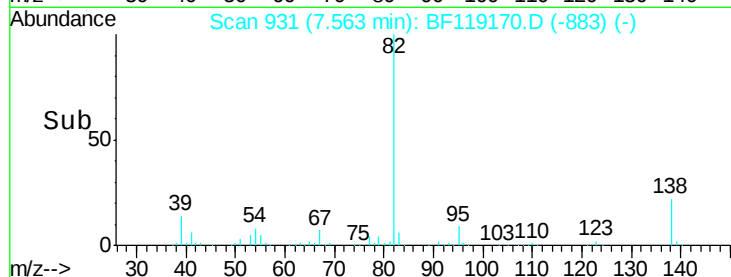
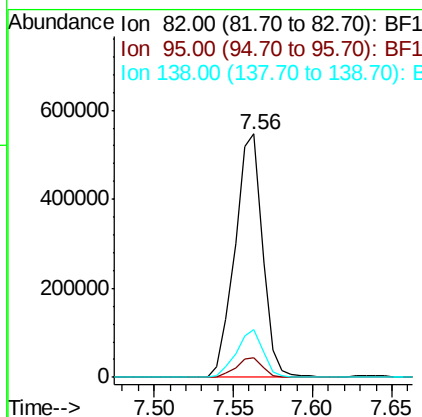
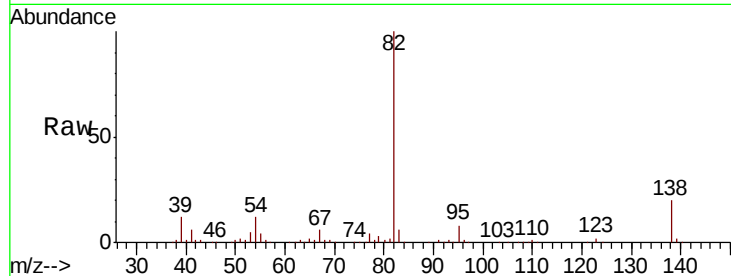
#25
Isophorone
Concen: 35.803 ng
RT: 7.56 min Scan# 931
Delta R.T. -0.02 min
Lab File: BF119170.D
Acq: 2 Mar 2020 15:47

Instrument :
BNA_F
ClientSampleId :
PB127188BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	663284		
95	7.9		6.4	9.6
138	19.7		15.7	23.5

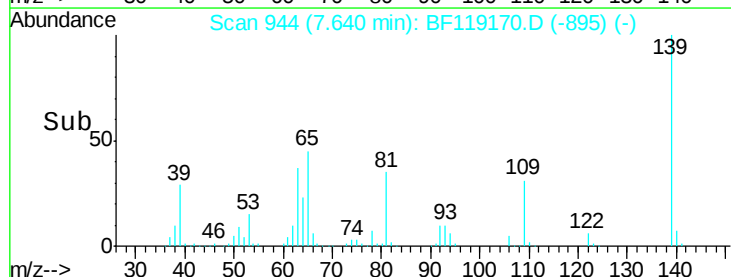
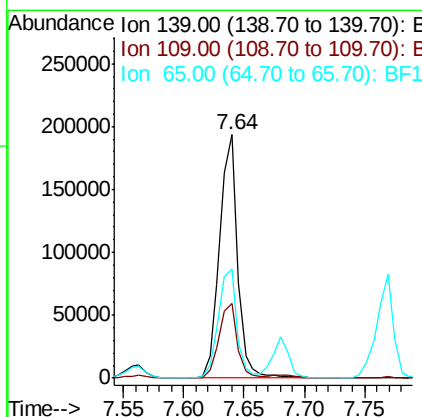
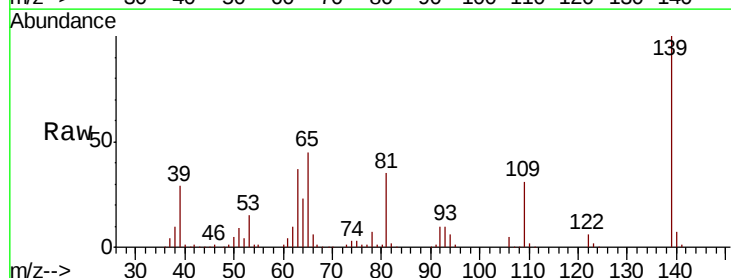
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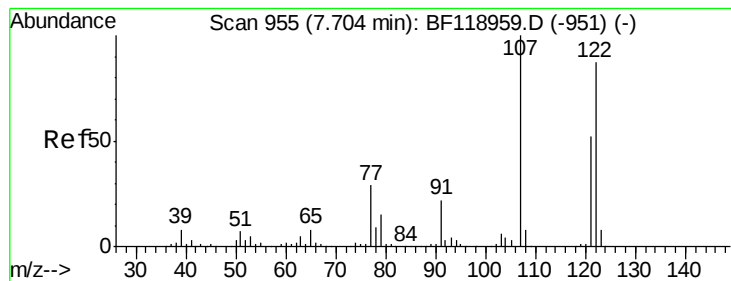
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#26
2-Nitrophenol
Concen: 35.740 ng
RT: 7.64 min Scan# 944
Delta R.T. -0.01 min
Lab File: BF119170.D
Acq: 2 Mar 2020 15:47

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	199765		
109	30.7		25.7	38.5
65	44.8		37.1	55.7





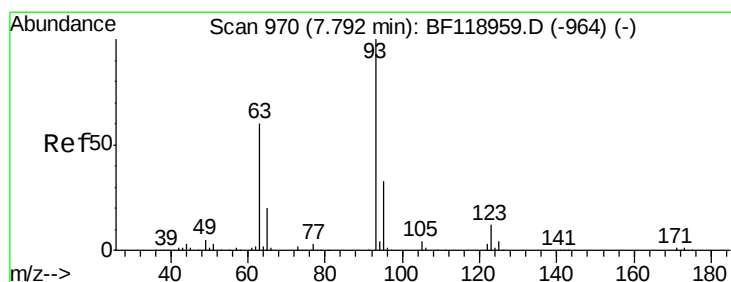
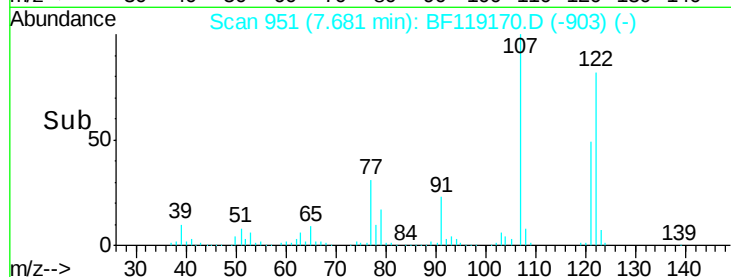
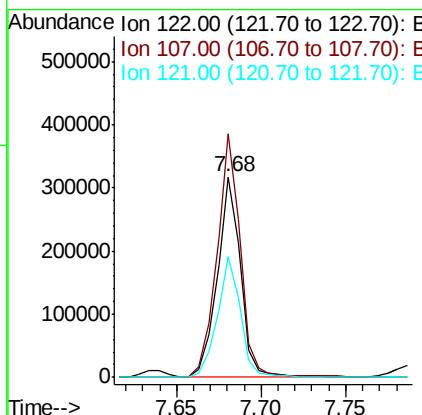
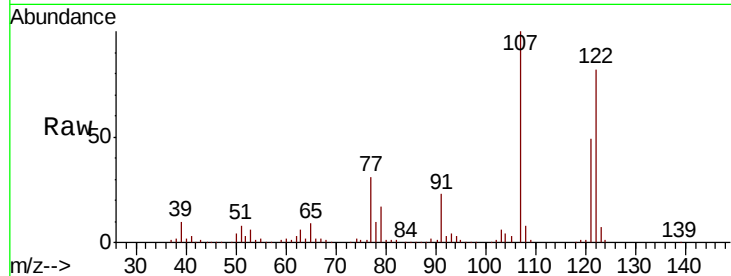
#27
2,4-Dimethylphenol
Concen: 40.049 ng
RT: 7.68 min Scan# 951
Delta R.T. -0.02 min
Lab File: BF119170.D
Acq: 2 Mar 2020 15:47

Instrument :
BNA_F
ClientSampleId :
PB127188BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	121.5	93.8	140.6
121	60.0	48.2	72.2

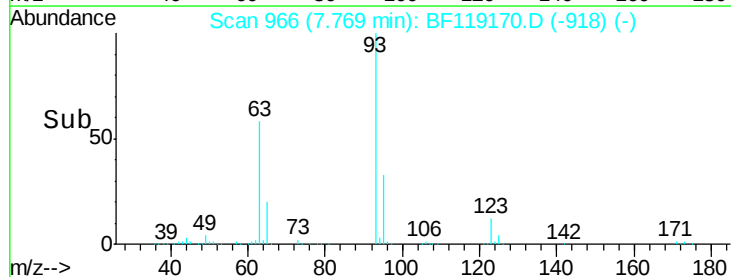
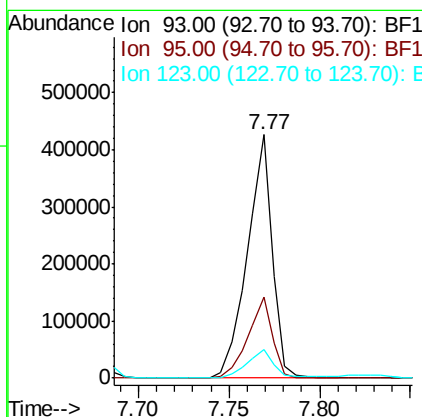
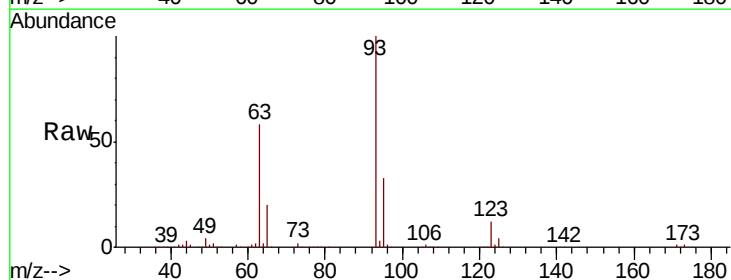
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#28
bis(2-Chloroethoxy)methane
Concen: 33.719 ng
RT: 7.77 min Scan# 966
Delta R.T. -0.02 min
Lab File: BF119170.D
Acq: 2 Mar 2020 15:47

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	26.5	39.7
123	11.9	10.2	15.2





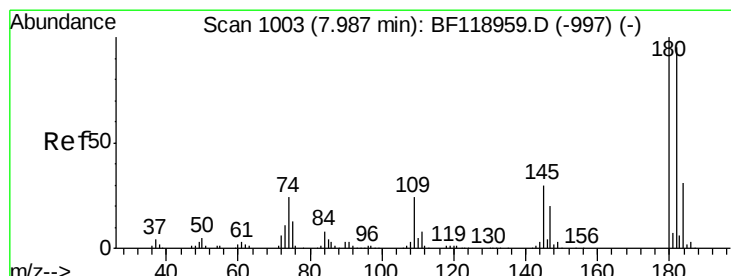
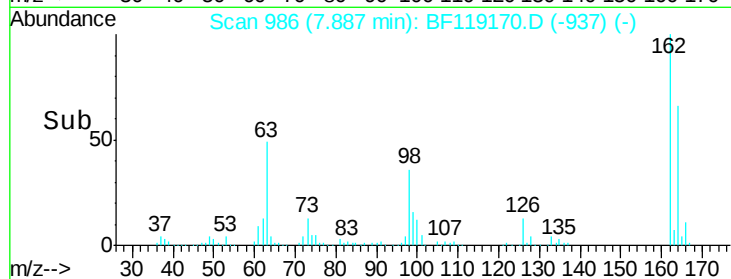
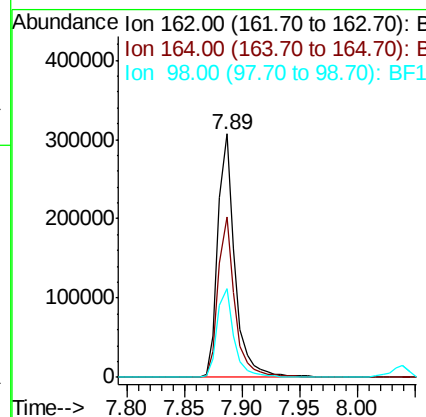
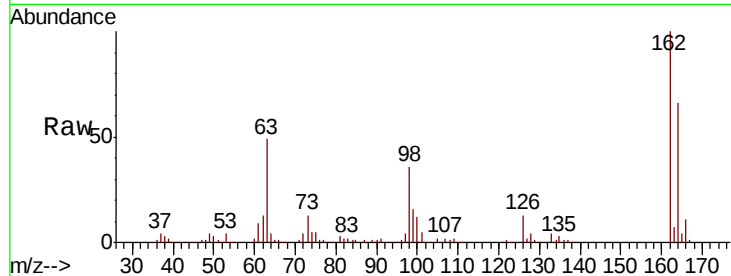
#29
2,4-Dichlorophenol
Concen: 35.282 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF119170.D
Acq: 2 Mar 2020 15:47

Instrument :
BNA_F
ClientSampleId :
PB127188BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	315076		
164	65.7	45.2	85.2	
98	36.3	17.4	57.4	

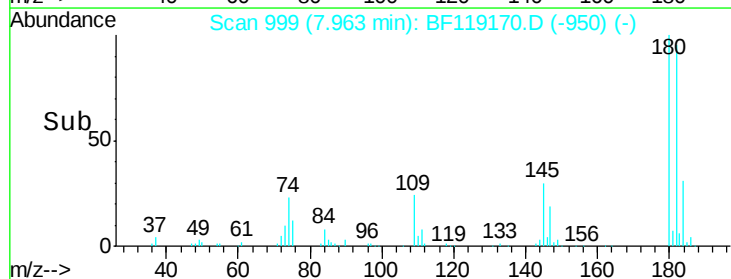
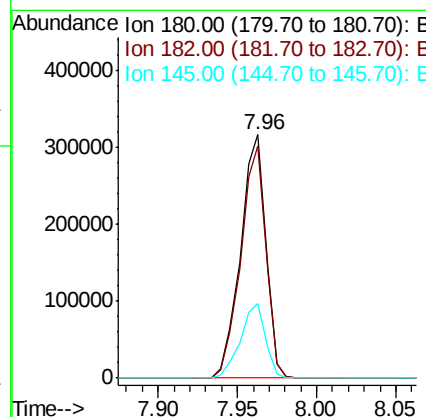
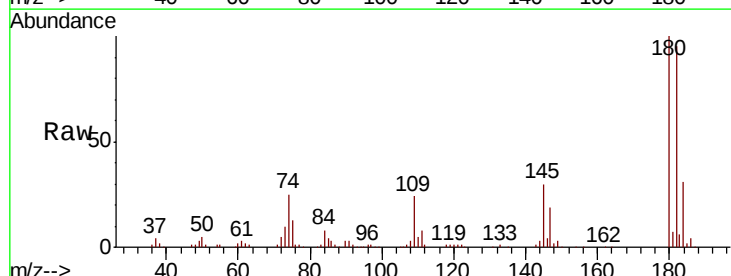
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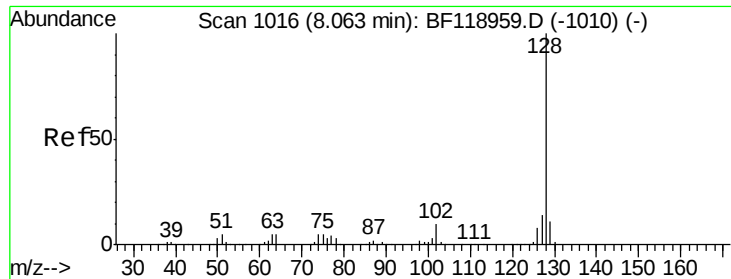
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#30
1,2,4-Trichlorobenzene
Concen: 32.867 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF119170.D
Acq: 2 Mar 2020 15:47

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	347996		
182	95.5	77.8	116.6	
145	30.4	25.2	37.8	





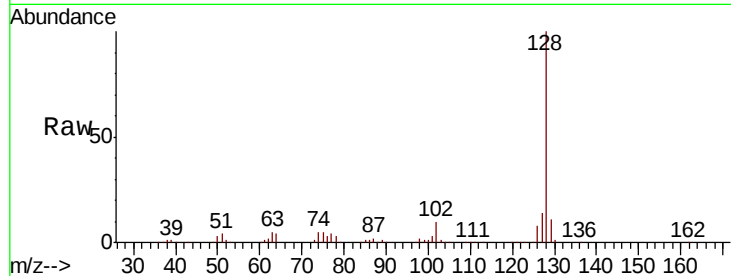
#31
Naphthalene
Concen: 35.349 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF119170.D
Acq: 2 Mar 2020 15:47

Instrument :
BNA_F
ClientSampleId :
PB127188BS

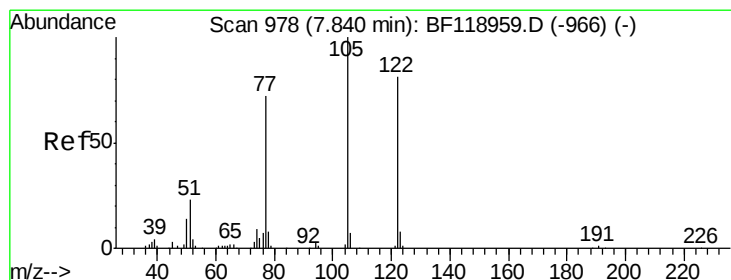
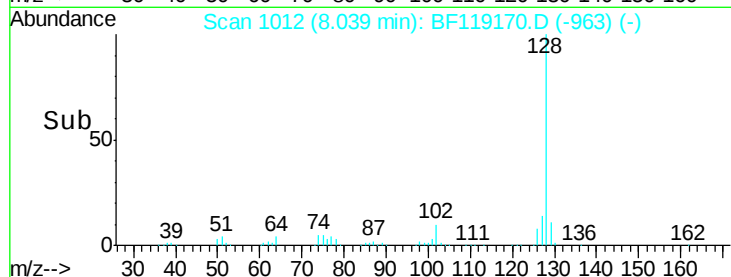
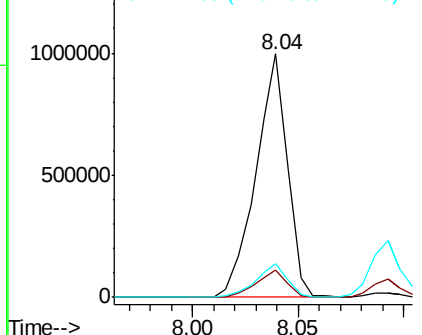
Tot Ion:128 Resp: 1032567
Ion Ratio Lower Upper
128 100
129 11.1 9.4 14.2
127 13.8 11.4 17.2

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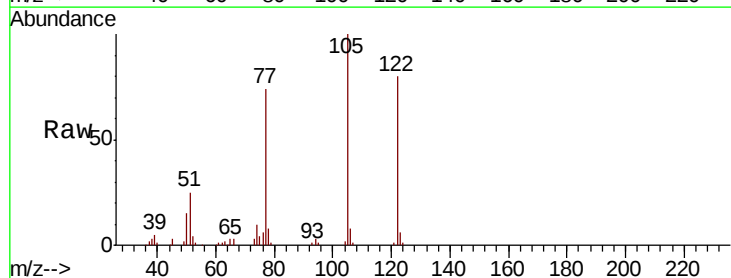


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

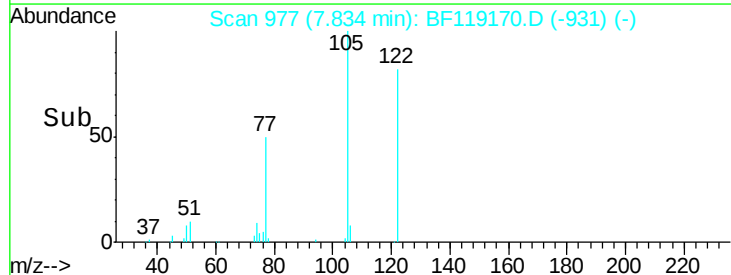
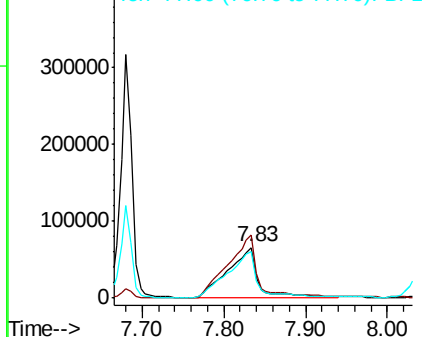


#32
Benzoic acid
Concen: 32.268 ng
RT: 7.83 min Scan# 977
Delta R.T. -0.03 min
Lab File: BF119170.D
Acq: 2 Mar 2020 15:47

Tgt Ion:122 Resp: 164529
Ion Ratio Lower Upper
122 100
105 124.8 106.3 146.3
77 92.3 73.1 113.1



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





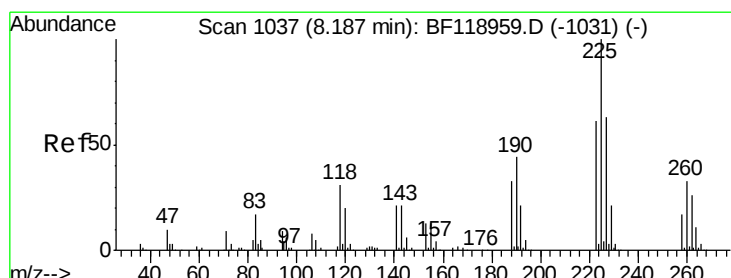
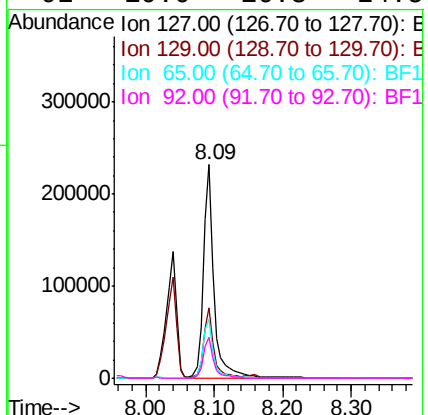
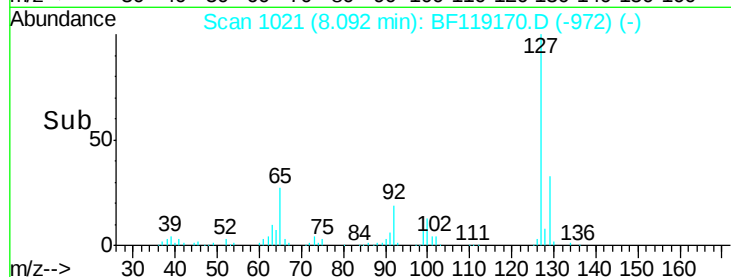
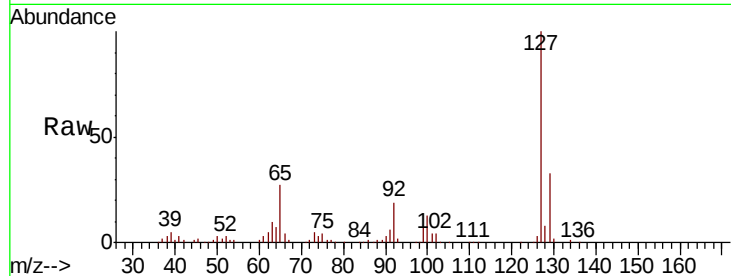
#33
4-Chloroaniline
Concen: 20.526 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF119170.D
Acq: 2 Mar 2020 15:47

Instrument :
BNA_F
ClientSampleId :
PB127188BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.9	25.9	38.9		
65	27.3	23.9	35.9		
92	19.0	16.3	24.5		

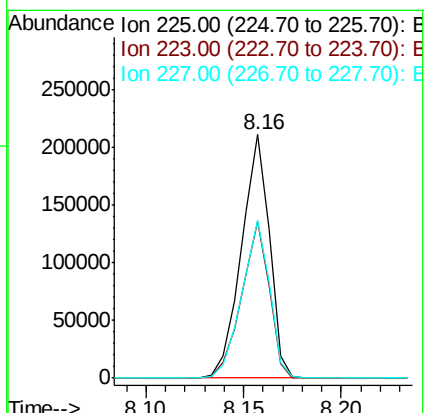
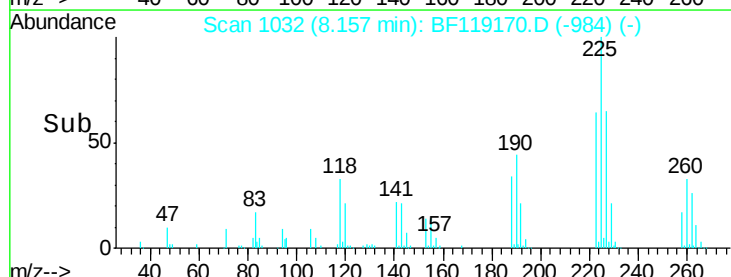
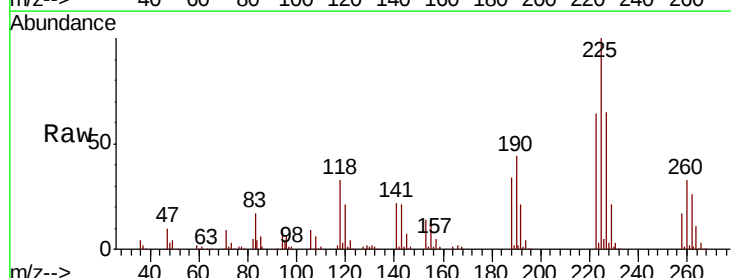
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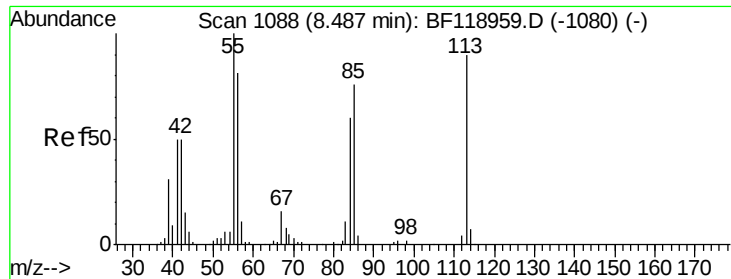
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#34
Hexachlorobutadiene
Concen: 31.831 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF119170.D
Acq: 2 Mar 2020 15:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.2	49.4	74.2		
227	64.7	52.9	79.3		





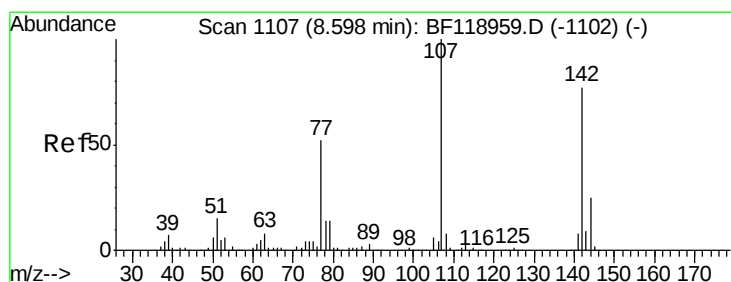
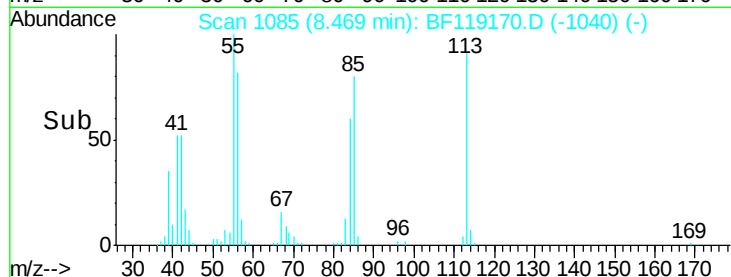
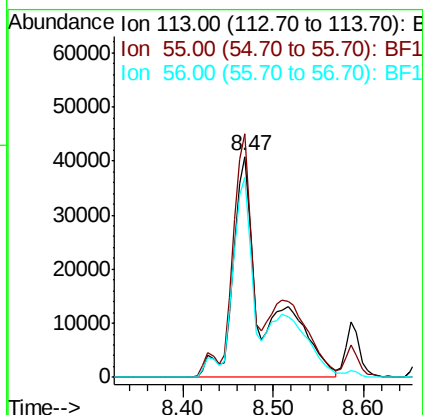
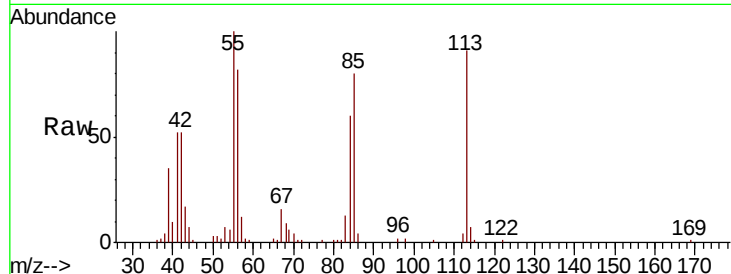
#35
Caprolactam
Concen: 36.166 ng/ml
RT: 8.47 min Scan# 1085
Delta R.T. -0.04 min
Lab File: BF119170.D
Acq: 2 Mar 2020 15:47

Instrument :
BNA_F
ClientSampleId :
PB127188BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100		99449		
55	110.3	95.7	135.7		
56	90.5	73.1	113.1		

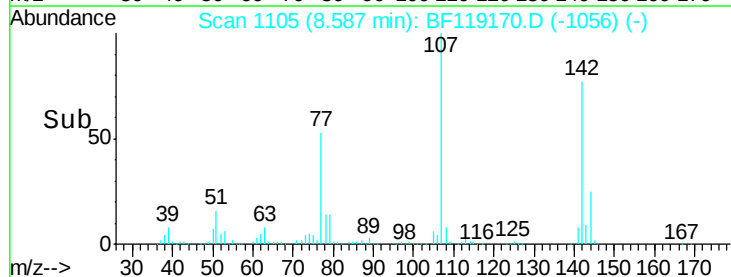
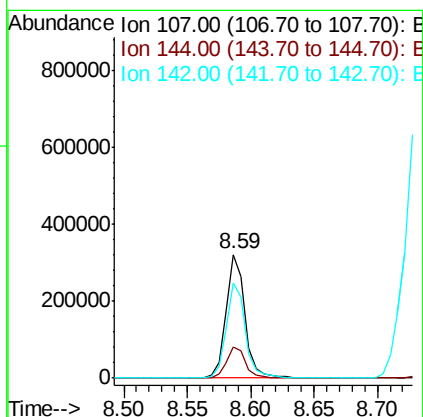
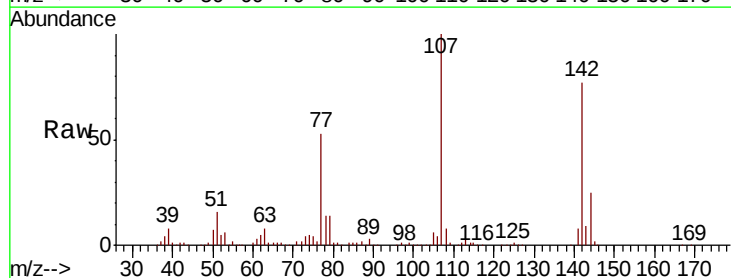
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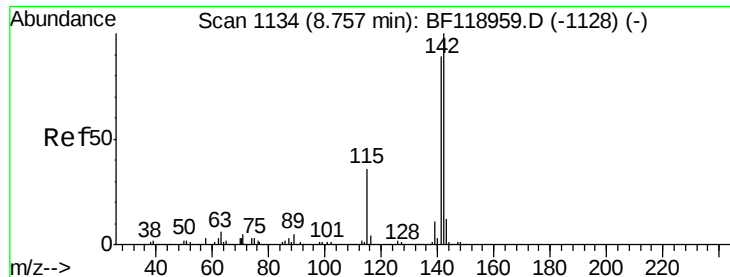
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#36
4-Chloro-3-methylphenol
Concen: 36.786 ng/ml
RT: 8.59 min Scan# 1105
Delta R.T. -0.01 min
Lab File: BF119170.D
Acq: 2 Mar 2020 15:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		332469		
144	25.1	20.1	30.1		
142	76.7	61.4	92.2		





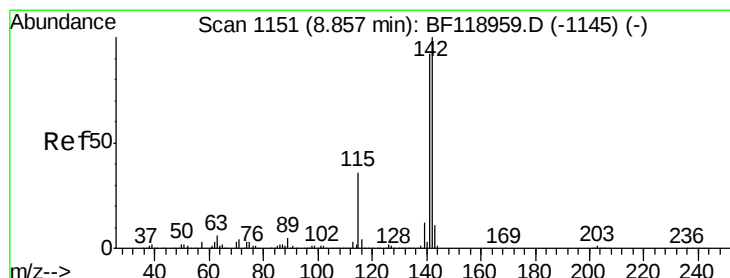
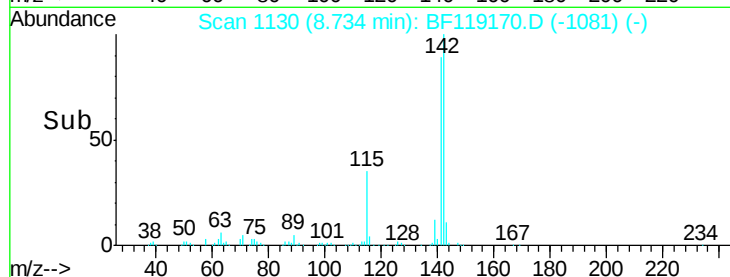
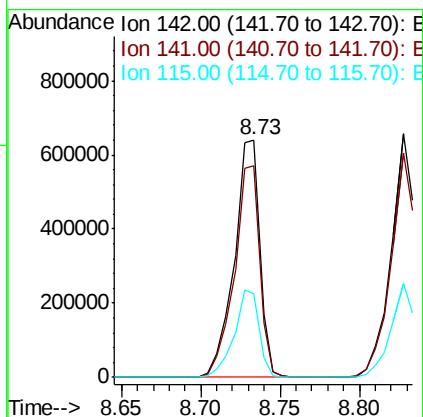
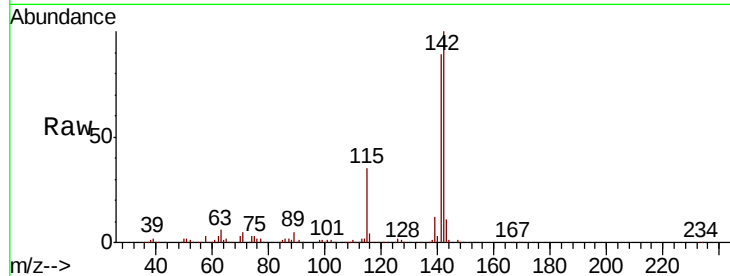
#37
2-Methylnaphthalene
Concen: 36.467 ng
RT: 8.73 min Scan# 1130
Delta R.T. -0.01 min
Lab File: BF119170.D
Acq: 2 Mar 2020 15:47

Instrument :
BNA_F
ClientSampleId :
PB127188BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	72.3	108.5
115	35.4	30.6	45.8

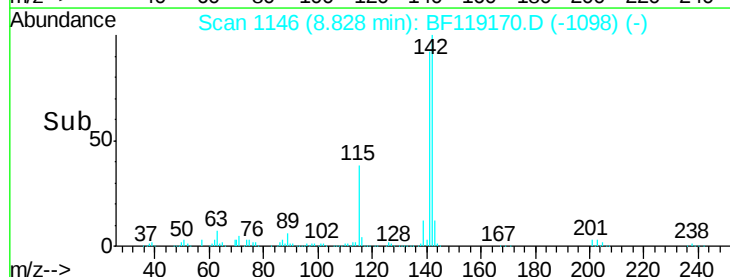
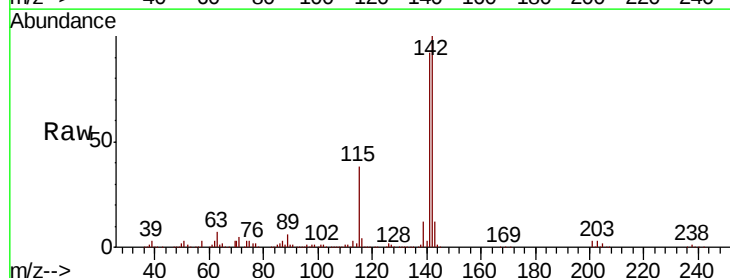
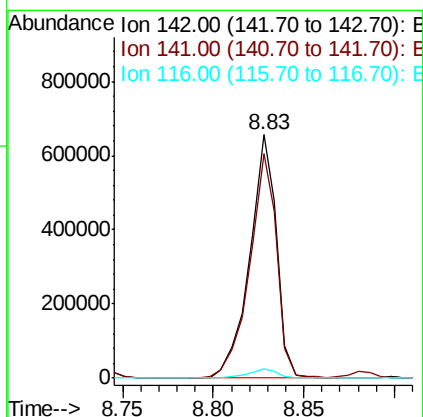
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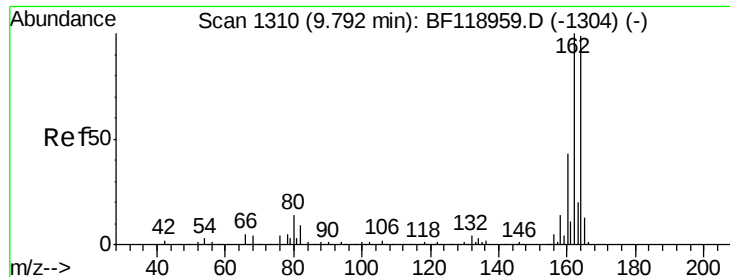
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#38
1-Methylnaphthalene
Concen: 36.148 ng
RT: 8.83 min Scan# 1146
Delta R.T. -0.02 min
Lab File: BF119170.D
Acq: 2 Mar 2020 15:47

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.3	75.8	113.6
116	3.9	3.1	4.7





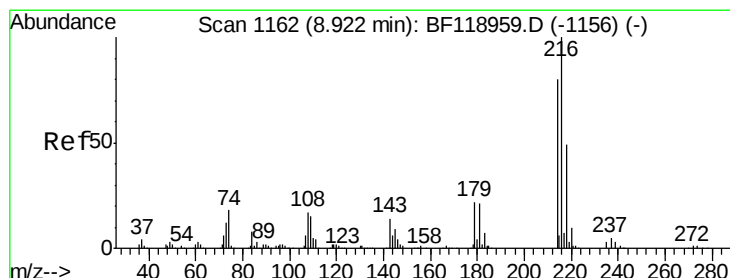
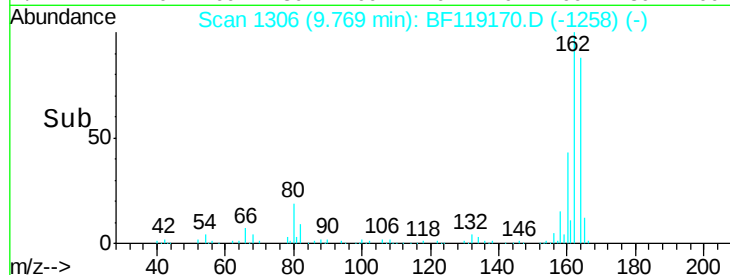
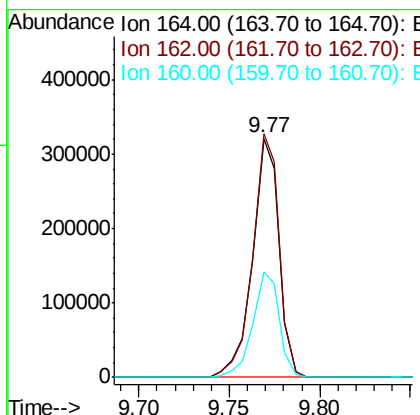
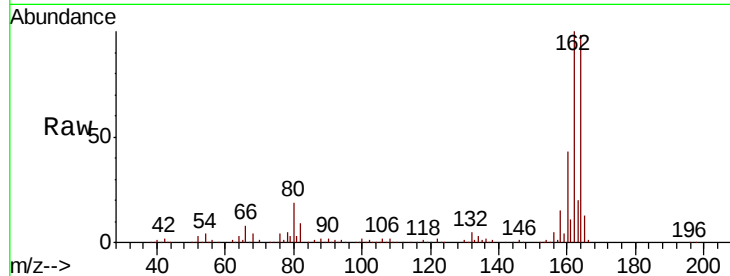
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. -0.02 min
 Lab File: BF119170.D
 Acq: 2 Mar 2020 15:47

Instrument :
 BNA_F
 ClientSampleId :
 PB127188BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.9	81.8	122.8
160	44.2	36.0	54.0

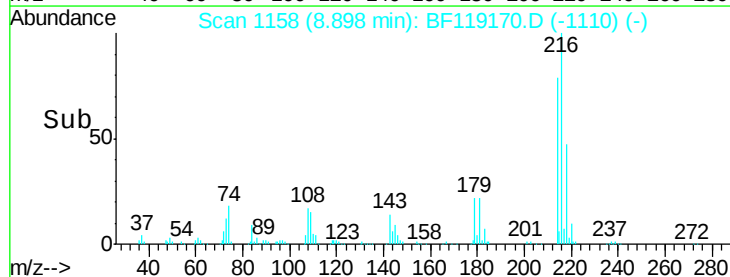
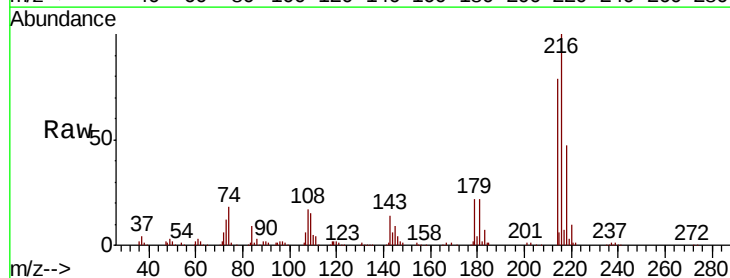
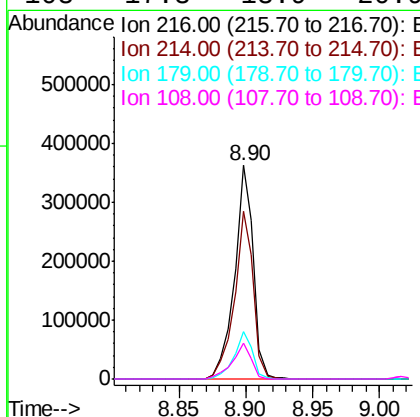
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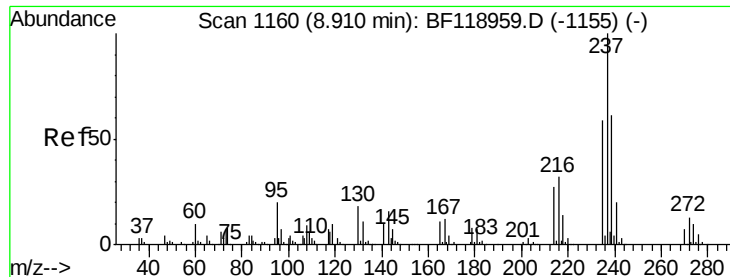
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 32.560 ng
 RT: 8.90 min Scan# 1158
 Delta R.T. -0.02 min
 Lab File: BF119170.D
 Acq: 2 Mar 2020 15:47

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.3	94.9
179	21.8	17.7	26.5
108	17.3	13.9	20.9





#41

Hexachlorocyclopentadiene

Concen: 36.681 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BF119170.D

Acq: 2 Mar 2020 15:47

Instrument :

BNA_F

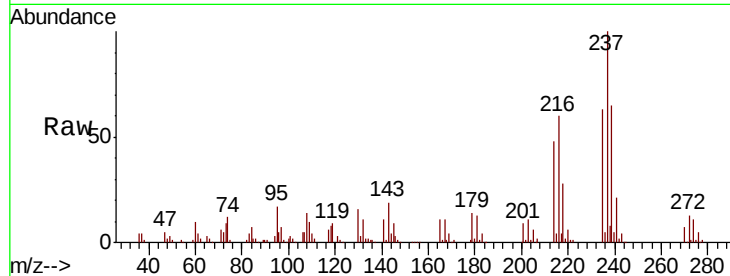
ClientSampleId :

PB127188BS

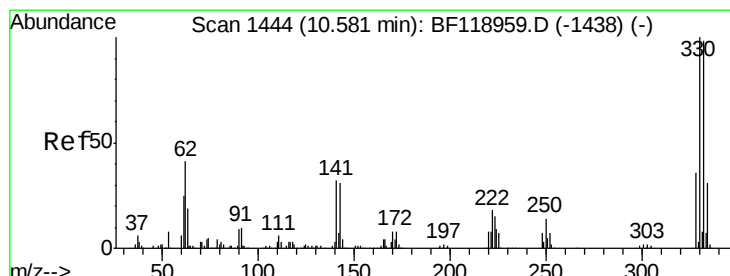
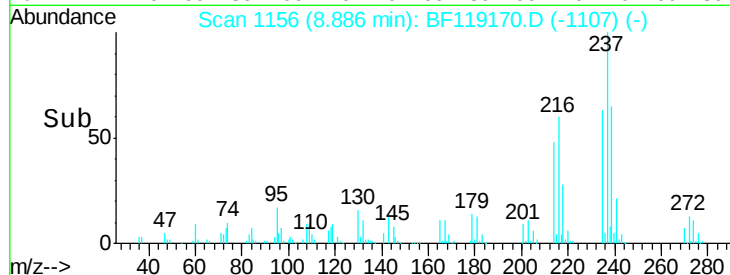
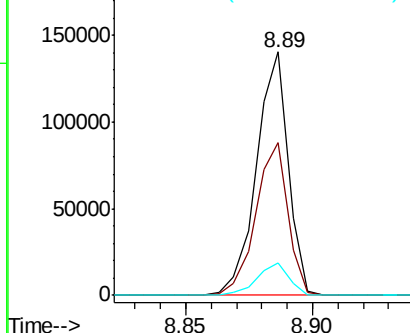
Tot Ion:	237	Resp:	123171
Ion Ratio	Lower	Upper	
237	100		
235	62.6	42.3	82.3
272	13.3	0.0	33.5

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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: 92.679 ng

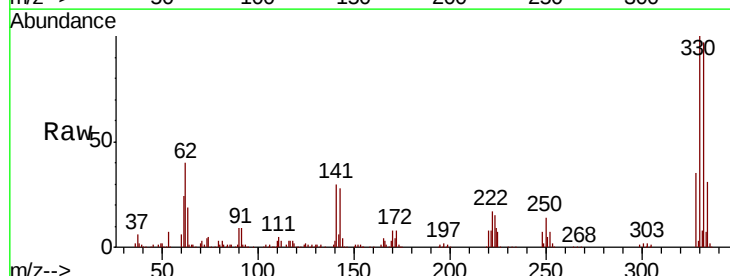
RT: 10.56 min Scan# 1441

Delta R.T. -0.01 min

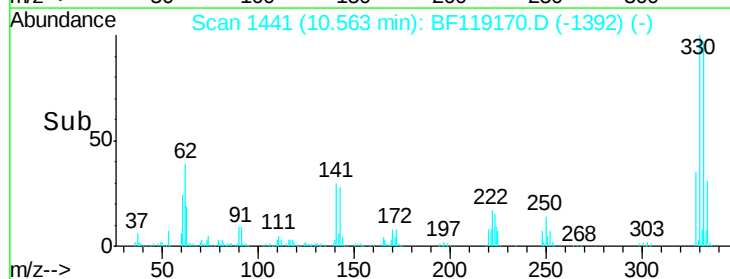
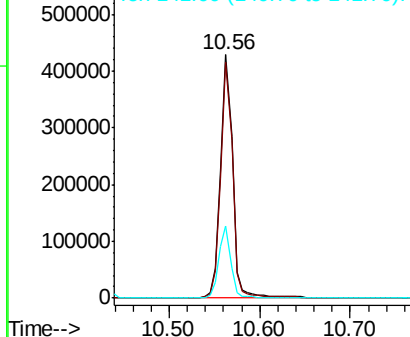
Lab File: BF119170.D

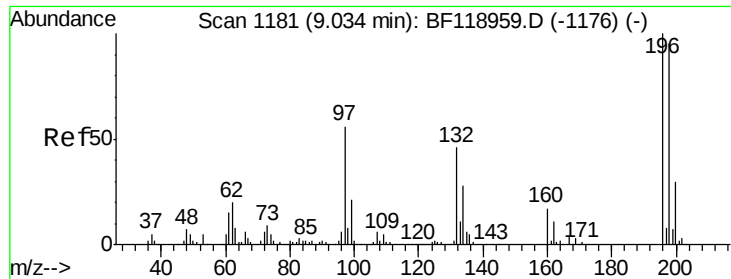
Acq: 2 Mar 2020 15:47

Tgt Ion:	330	Resp:	393566
Ion Ratio	Lower	Upper	
330	100		
332	95.9	76.0	114.0
141	29.3	22.9	34.3



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





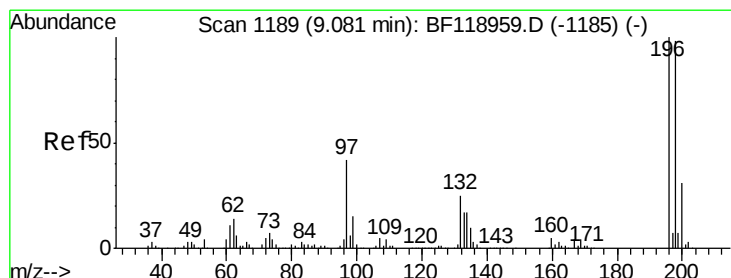
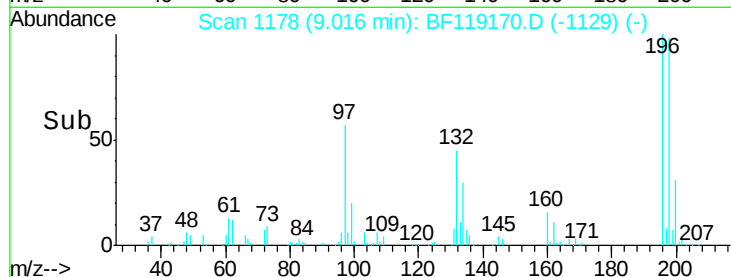
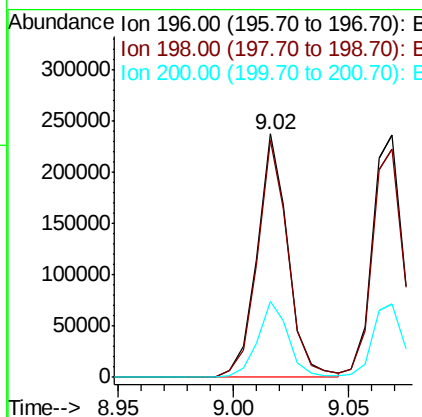
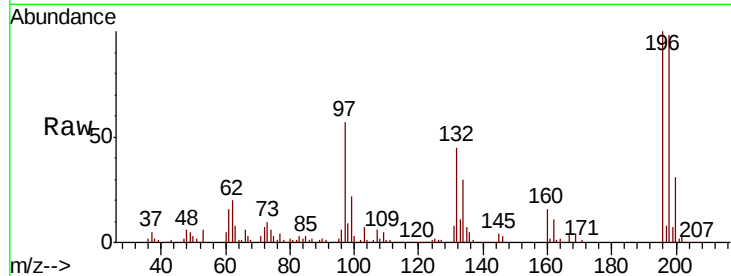
#43
 2,4,6-Trichlorophenol
 Concen: 32.076 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF119170.D
 Acq: 2 Mar 2020 15:47

Instrument :
 BNA_F
 ClientSampleId :
 PB127188BS

Tot Ion:	196	Resp:	221694
Ion Ratio	Lower	Upper	
196	100		
198	97.6	77.1	115.7
200	31.1	25.0	37.6

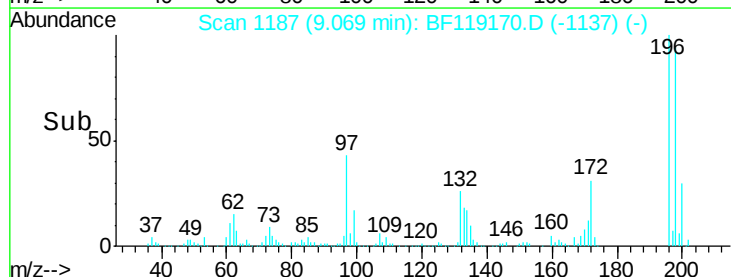
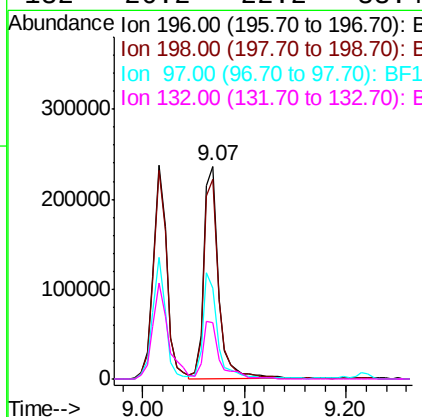
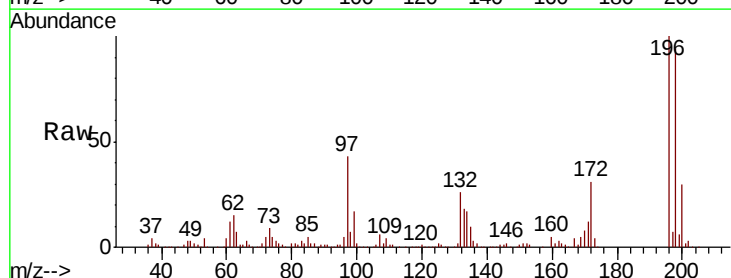
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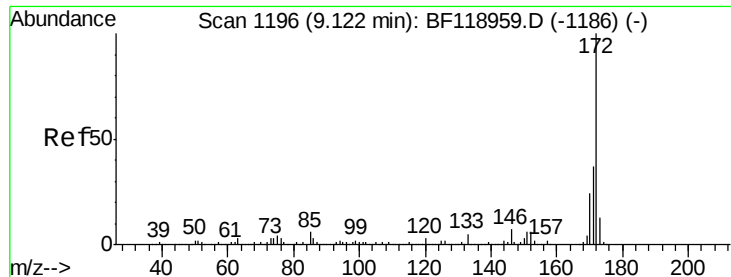
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#44
 2,4,5-Trichlorophenol
 Concen: 33.126 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF119170.D
 Acq: 2 Mar 2020 15:47

Tgt Ion:	196	Resp:	240255
Ion Ratio	Lower	Upper	
196	100		
198	94.0	76.8	115.2
97	42.8	38.5	57.7
132	26.2	22.2	33.4





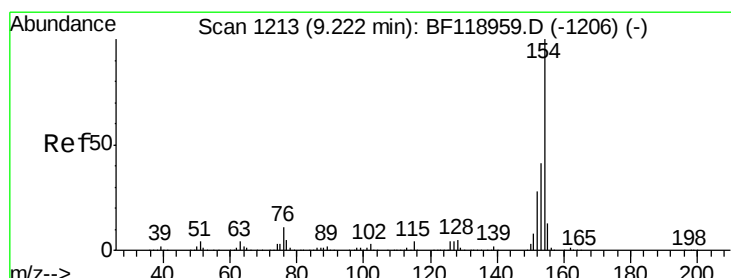
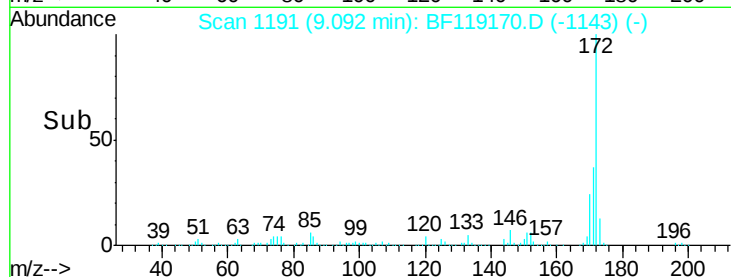
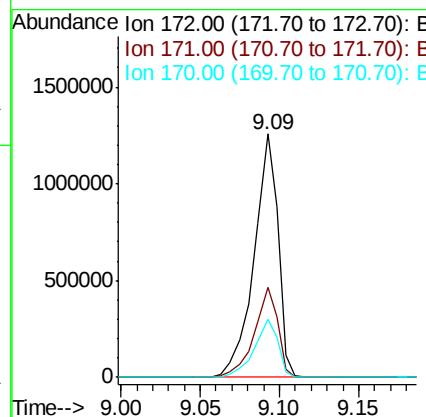
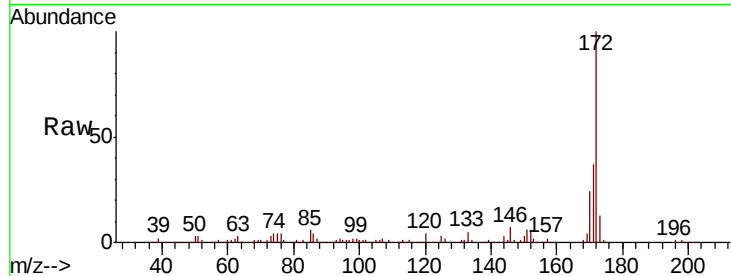
#45
2-Fluorobiphenyl
Concen: 59.682 ng
RT: 9.09 min Scan# 1191
Delta R.T. -0.02 min
Lab File: BF119170.D
Acq: 2 Mar 2020 15:47

Instrument :
BNA_F
ClientSampleId :
PB127188BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.6	45.8
170	24.0	20.2	30.2

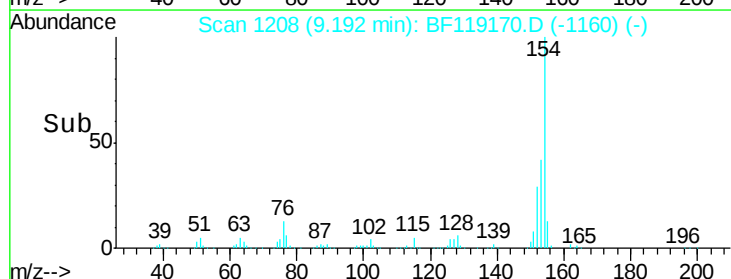
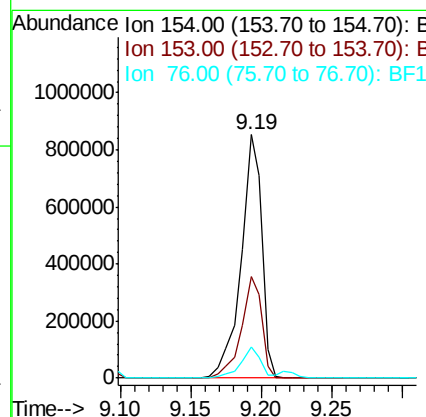
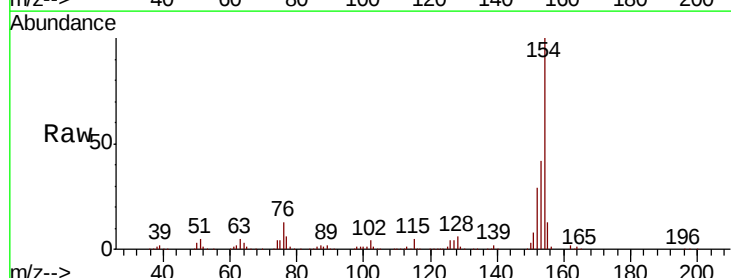
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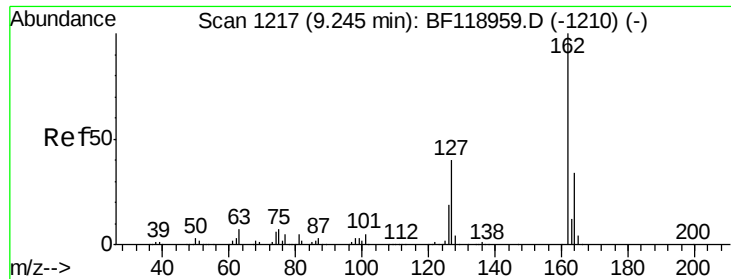
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#46
1,1'-Biphenyl
Concen: 33.085 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.02 min
Lab File: BF119170.D
Acq: 2 Mar 2020 15:47

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.5	22.8	62.8
76	12.7	0.0	32.2





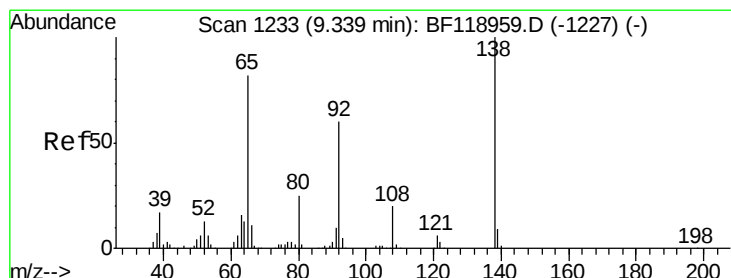
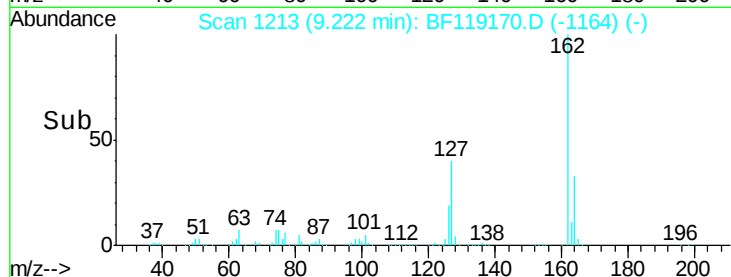
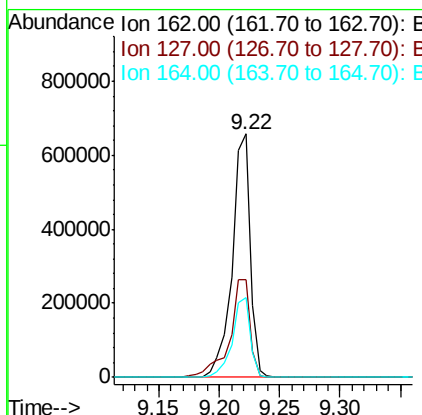
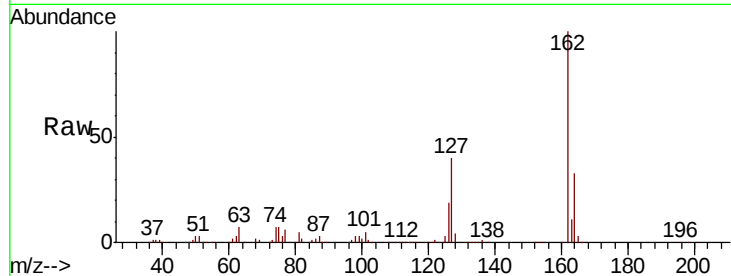
#47
2-Chloronaphthalene
Concen: 32.570 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF119170.D
Acq: 2 Mar 2020 15:47

Instrument :
BNA_F
ClientSampleId :
PB127188BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.1	35.0	52.4
164	32.9	27.2	40.8

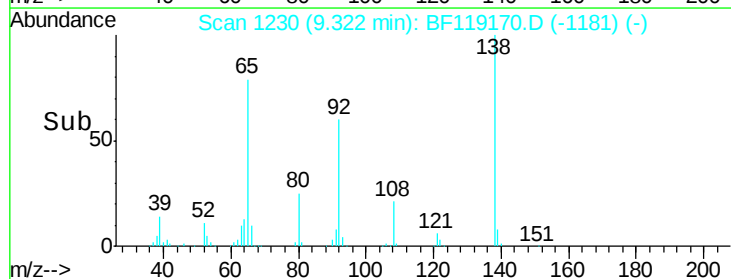
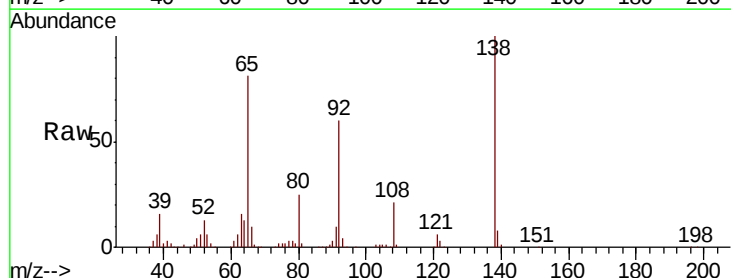
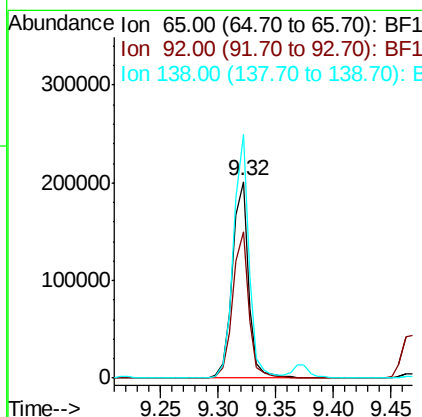
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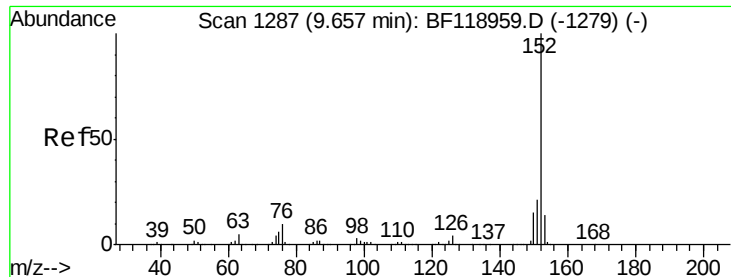
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#48
2-Nitroaniline
Concen: 33.496 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.01 min
Lab File: BF119170.D
Acq: 2 Mar 2020 15:47

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.5	58.2	87.2
138	124.0	95.6	143.4





#49

Acenaphthylene

Concen: 34.301 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BF119170.D

Acq: 2 Mar 2020 15:47

Instrument :

BNA_F

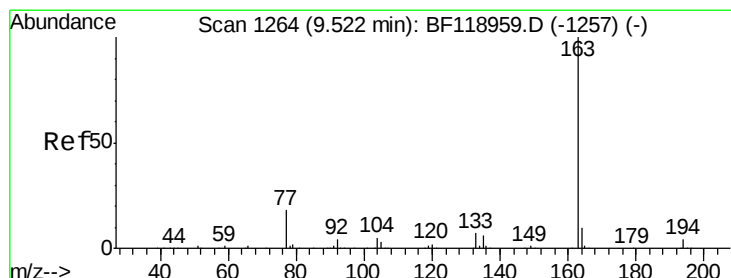
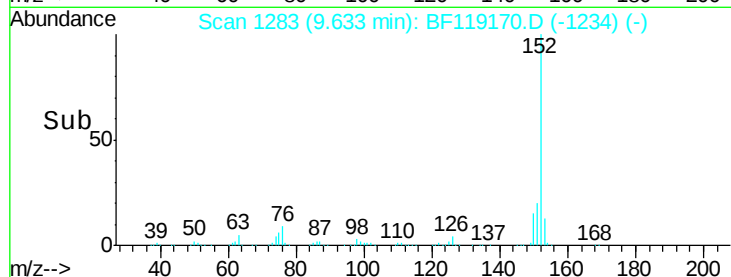
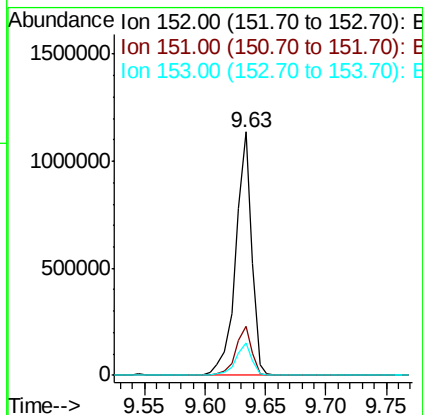
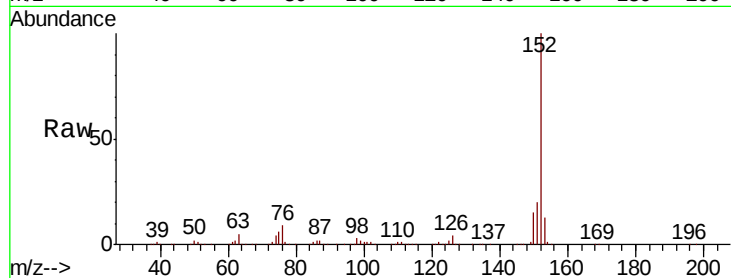
ClientSampleId :

PB127188BS

Tot Ion:	152	Resp:	1047397
Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.9	25.3
153	13.2	11.0	16.6

Manual Integrations
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#50

Dimethylphthalate

Concen: 34.068 ng

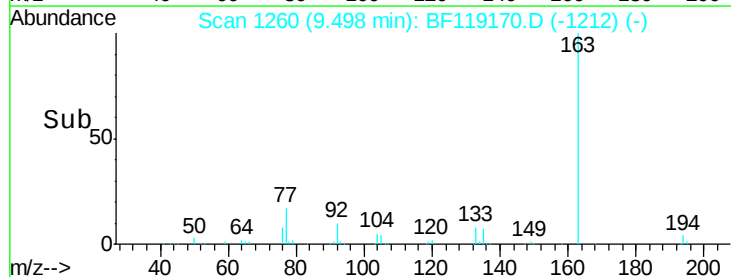
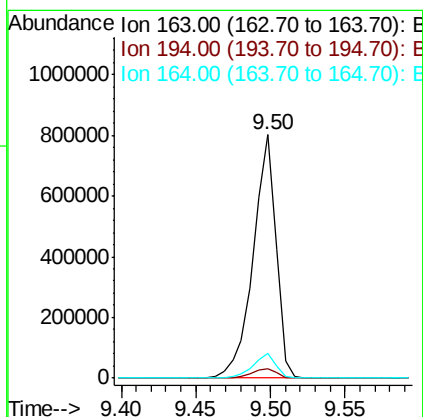
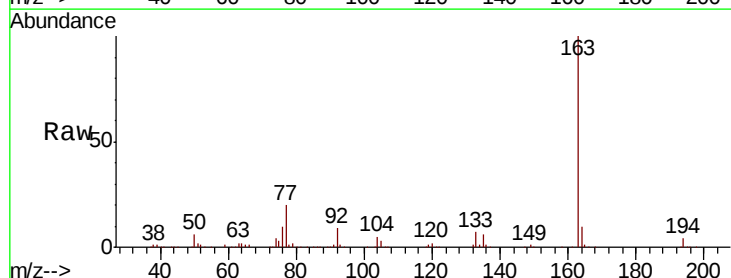
RT: 9.50 min Scan# 1260

Delta R.T. -0.02 min

Lab File: BF119170.D

Acq: 2 Mar 2020 15:47

Tgt Ion:	163	Resp:	845658
Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.5	5.3
164	10.3	8.4	12.6





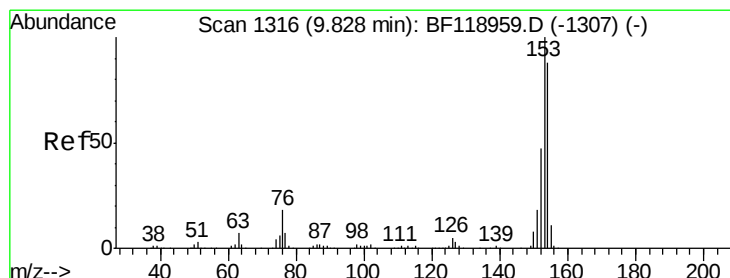
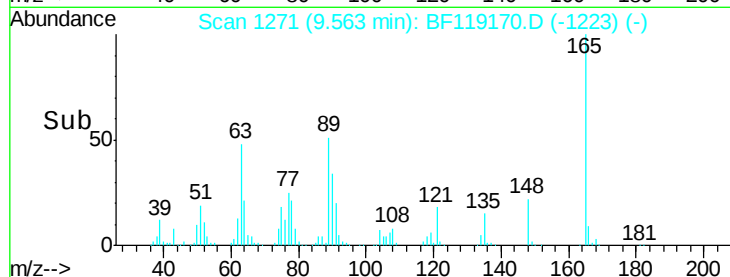
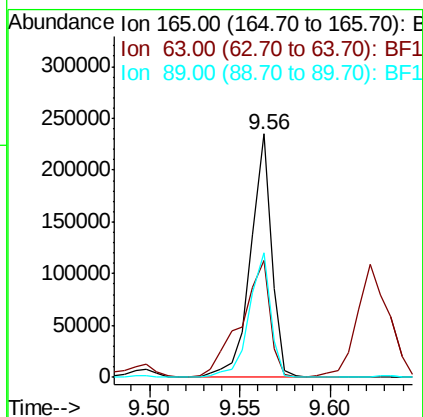
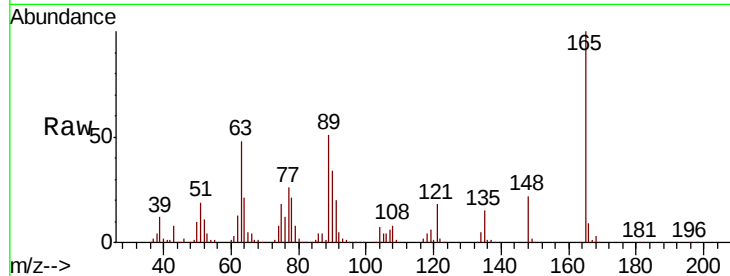
#51
 2,6-Dinitrotoluene
 Concen: 34.354 ng
 RT: 9.56 min Scan# 1271
 Delta R.T. -0.02 min
 Lab File: BF119170.D
 Acq: 2 Mar 2020 15:47

Instrument :
 BNA_F
 ClientSampleId :
 PB127188BS

Tot Ion:	165	Resp:	189460
Ion Ratio	Lower	Upper	
165	100		
63	47.9	34.3	51.5
89	51.1	38.3	57.5

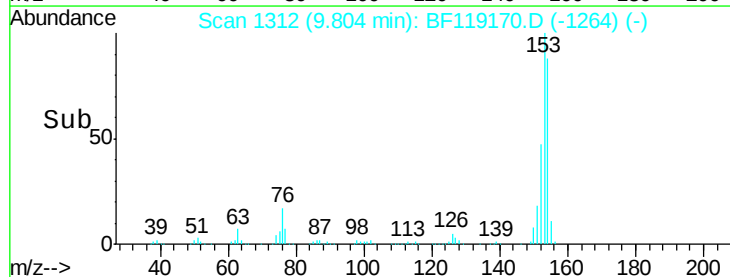
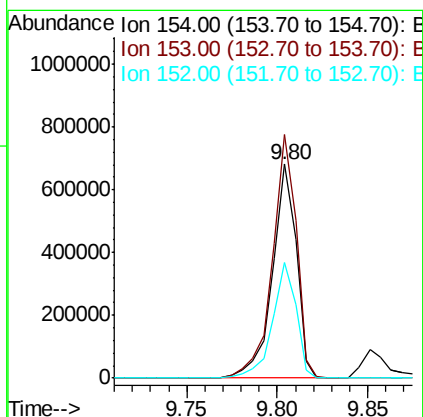
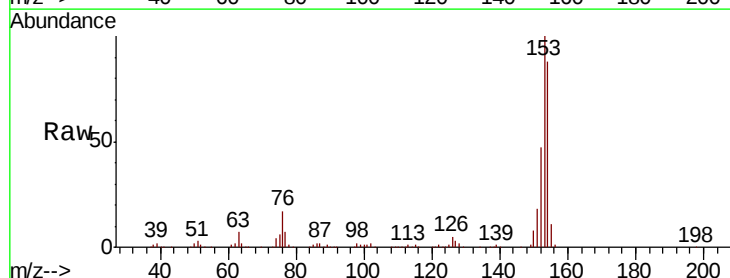
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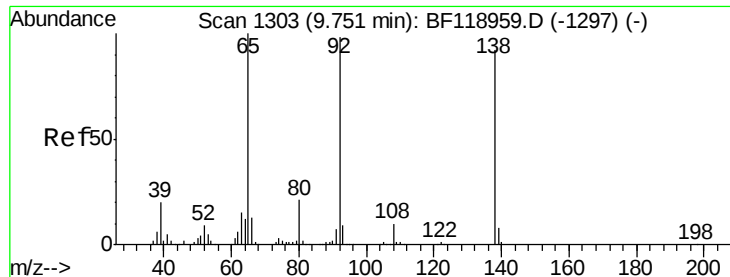
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#52
 Acenaphthene
 Concen: 33.976 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.02 min
 Lab File: BF119170.D
 Acq: 2 Mar 2020 15:47

Tgt Ion:	154	Resp:	625585
Ion Ratio	Lower	Upper	
154	100		
153	114.0	90.3	135.5
152	54.0	43.8	65.8





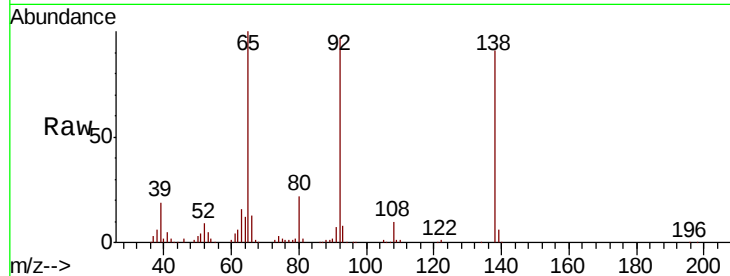
#53
3-Nitroaniline
Concen: 21.288 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BF119170.D
Acq: 2 Mar 2020 15:47

Instrument :
BNA_F
ClientSampleId :
PB127188BS

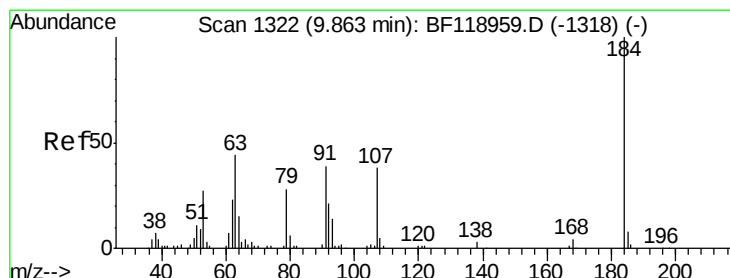
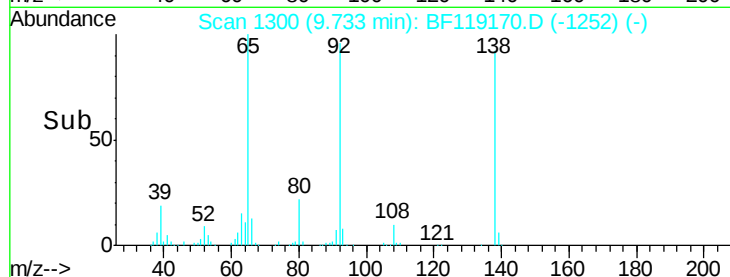
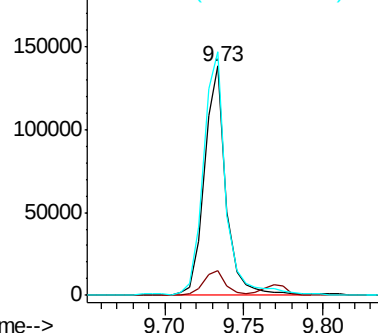
Tot Ion	Ratio	Lower	Upper
138	100		
108	10.6	8.8	13.2
92	106.2	84.8	127.2

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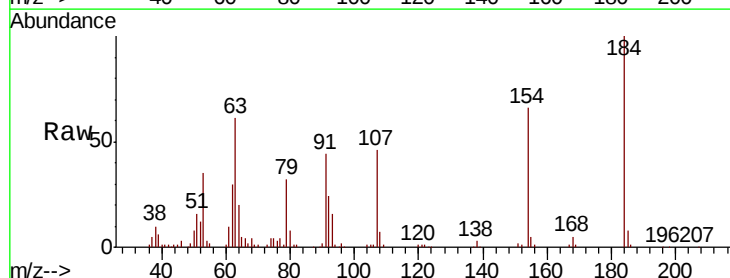


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

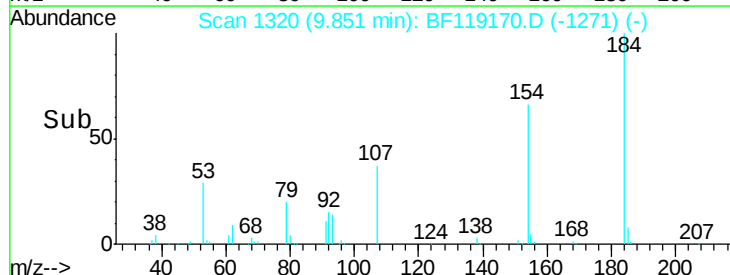
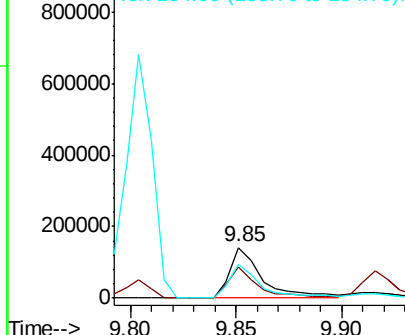


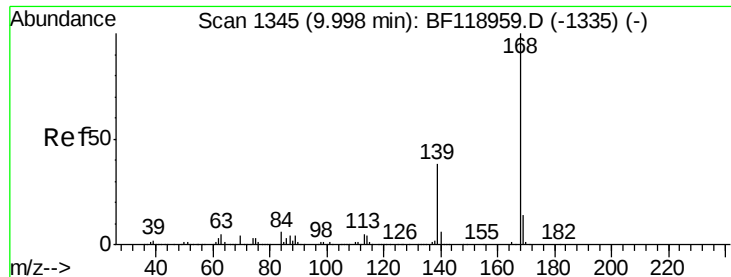
#54
2,4-Dinitrophenol
Concen: 58.011 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF119170.D
Acq: 2 Mar 2020 15:47

Tgt Ion	Ratio	Lower	Upper
184	100		
63	60.8	38.7	58.1#
154	65.7	49.7	74.5



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





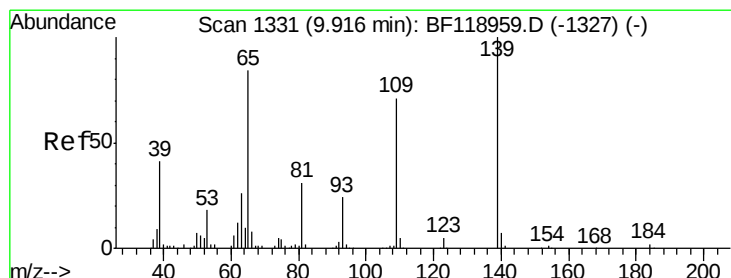
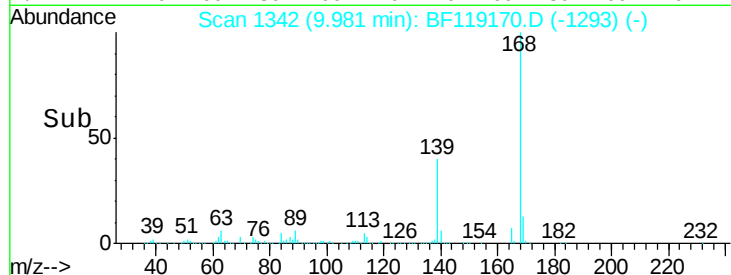
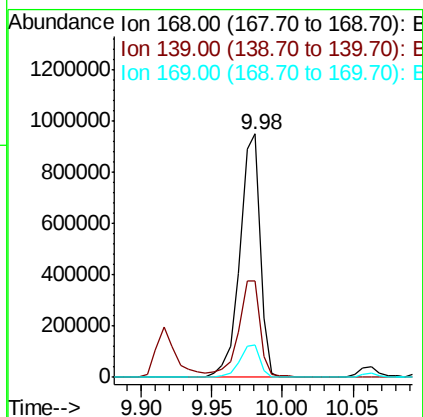
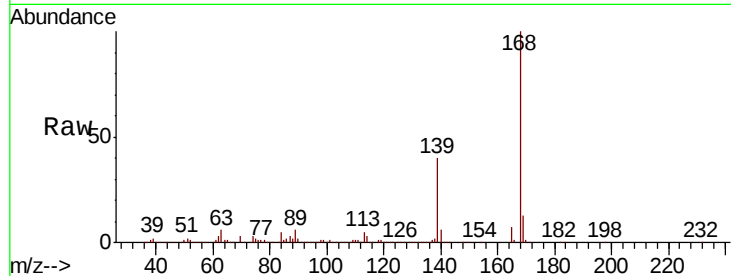
#55
Dibenzofuran
Concen: 34.518 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF119170.D
Acq: 2 Mar 2020 15:47

Instrument :
BNA_F
ClientSampleId :
PB127188BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.7	34.0	51.0
169	13.1	11.0	16.4

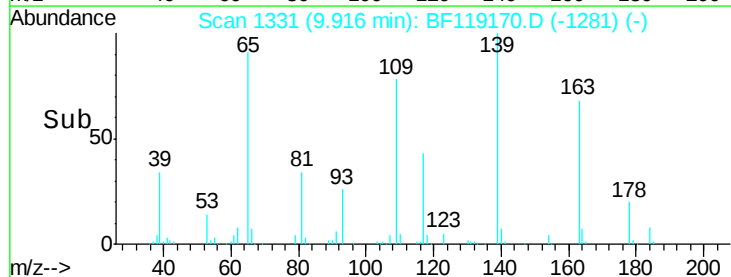
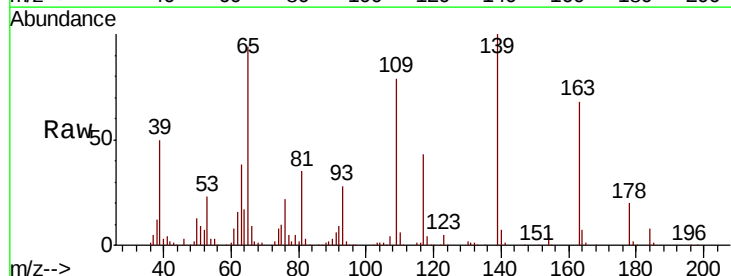
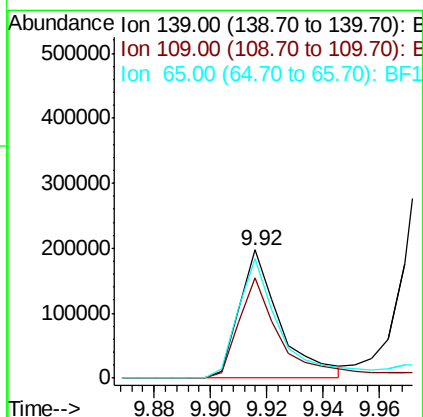
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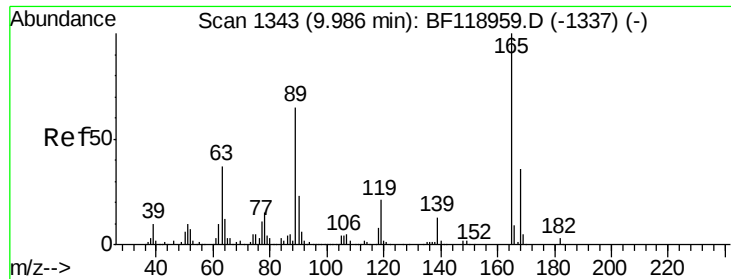
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#56
4-Nitrophenol
Concen: 53.479 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF119170.D
Acq: 2 Mar 2020 15:47

Tgt Ion	Ratio	Lower	Upper
139	100		
109	78.7	56.7	96.7
65	93.6	65.0	105.0





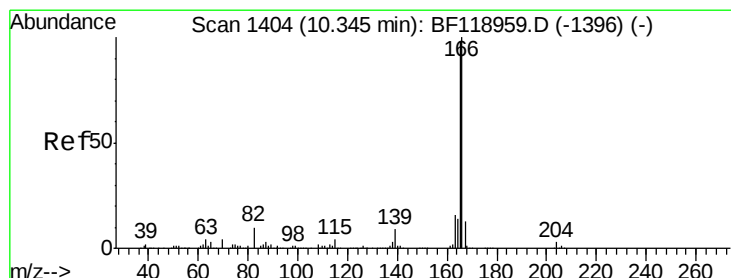
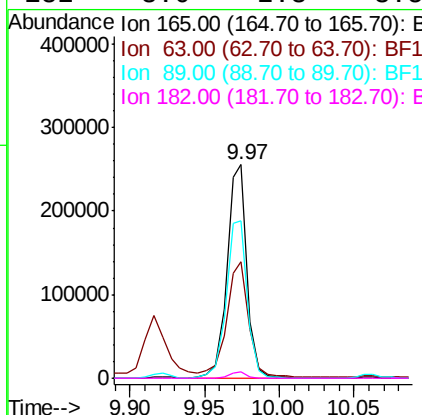
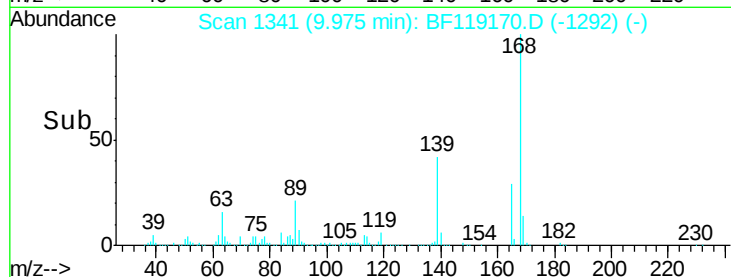
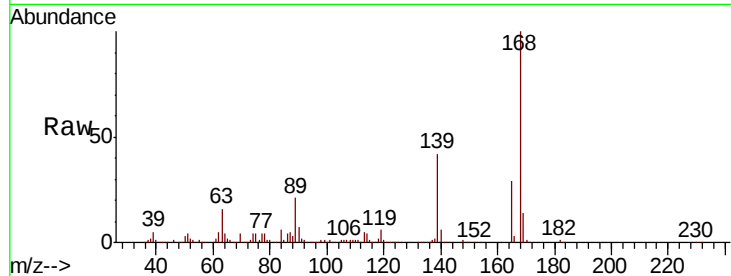
#57
2,4-Dinitrotoluene
Concen: 33.915 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF119170.D
Acq: 2 Mar 2020 15:47

Instrument :
BNA_F
ClientSampleId :
PB127188BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	242438		
63	54.4	42.3	63.5	
89	73.7	60.2	90.4	
182	3.0	2.3	3.5	

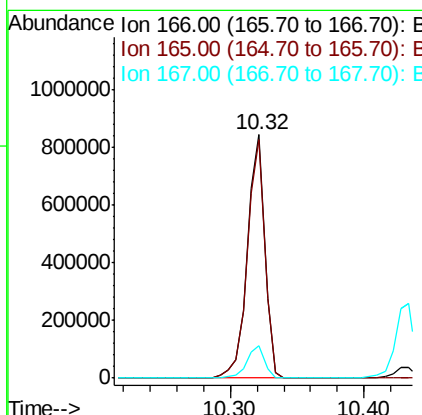
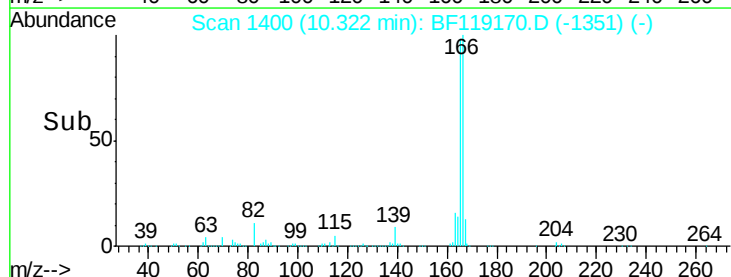
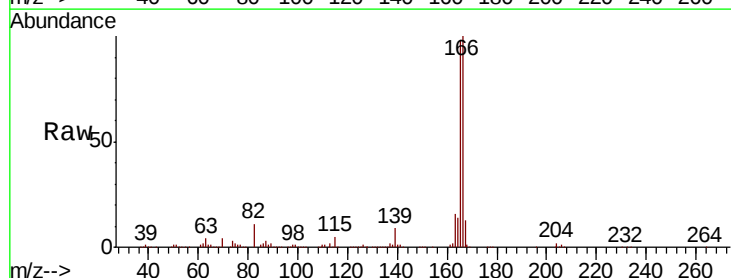
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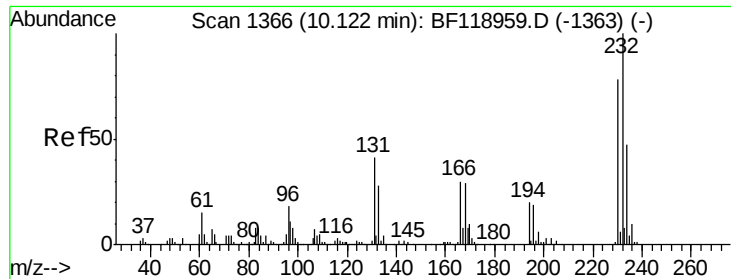
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#58
Fluorene
Concen: 35.320 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.01 min
Lab File: BF119170.D
Acq: 2 Mar 2020 15:47

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	754273		
165	98.1	78.5	117.7	
167	13.2	11.0	16.4	





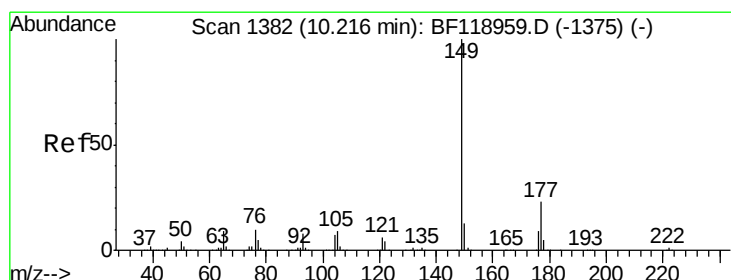
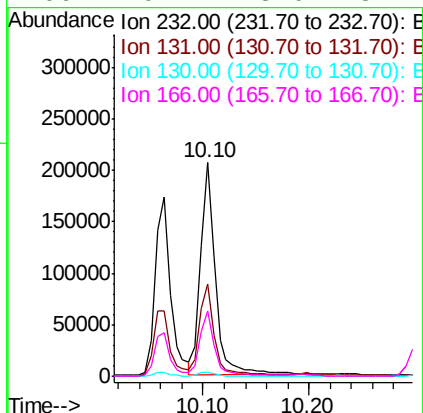
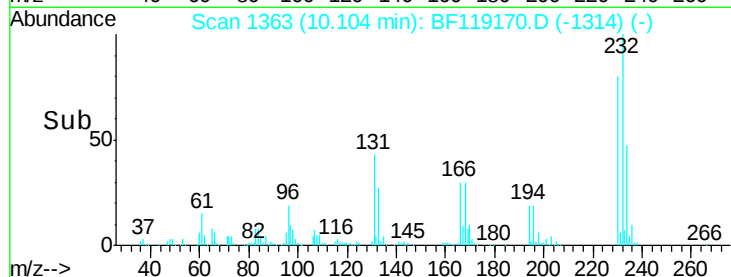
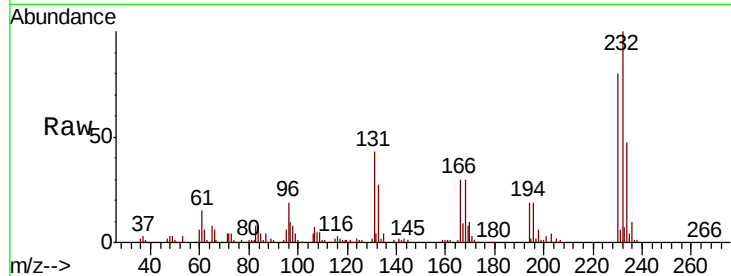
#59
2,3,4,6-Tetrachlorophenol
Concen: 32.880 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF119170.D
Acq: 2 Mar 2020 15:47

Instrument :
BNA_F
ClientSampleId :
PB127188BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.2	33.8	50.8
130	2.4	1.8	2.6
166	29.1	23.0	34.4

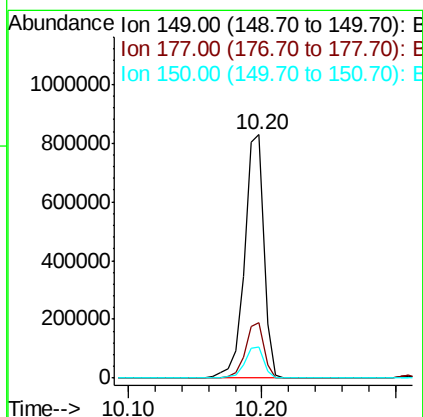
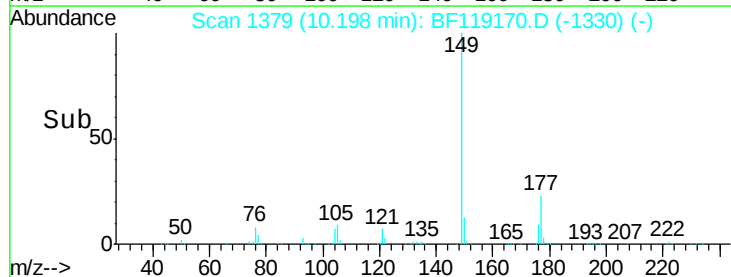
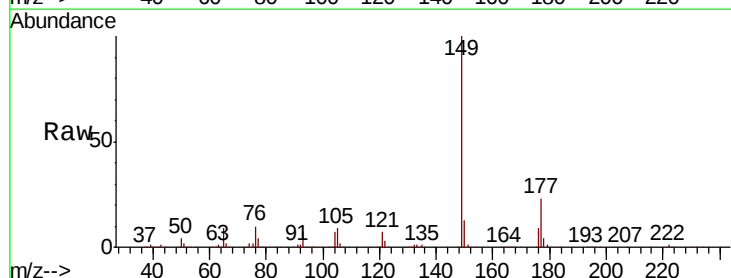
Manual Integrations
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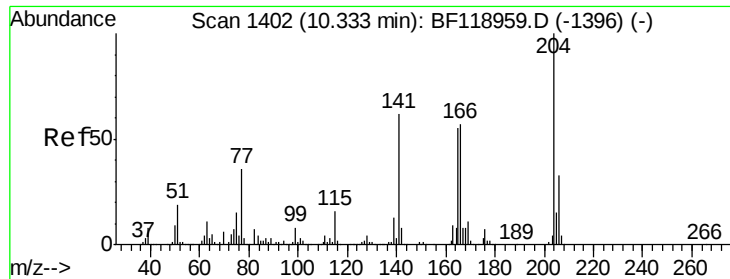
mohammad
3/3/2020 12:25:50 PM



#60
Diethylphthalate
Concen: 35.015 ng
RT: 10.20 min Scan# 1379
Delta R.T. -0.01 min
Lab File: BF119170.D
Acq: 2 Mar 2020 15:47

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.7	18.2	27.2
150	12.8	10.5	15.7





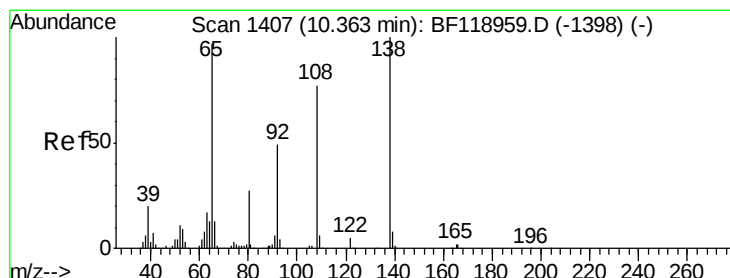
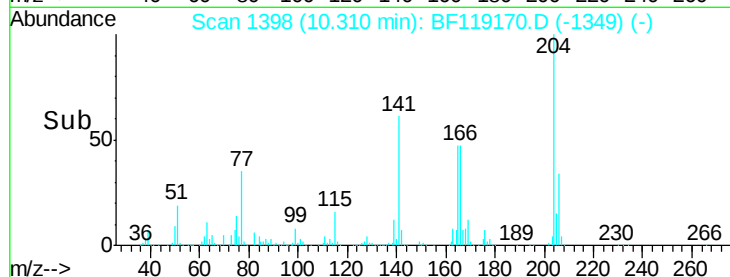
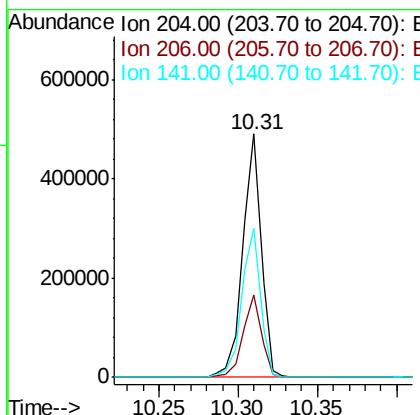
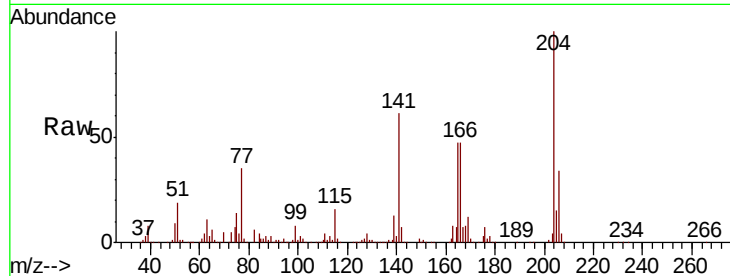
#61
4-Chlorophenyl-phenylether
Concen: 35.102 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF119170.D
Acq: 2 Mar 2020 15:47

Instrument :
BNA_F
ClientSampleId :
PB127188BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.6	27.1	40.7
141	61.4	52.9	79.3

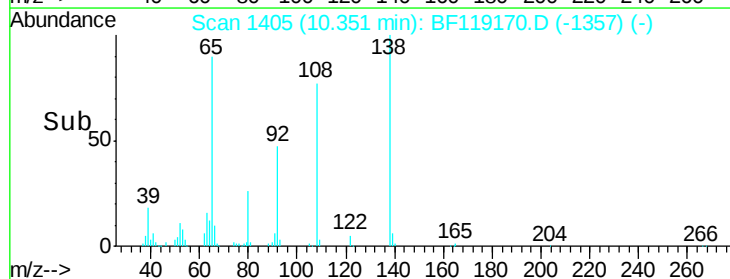
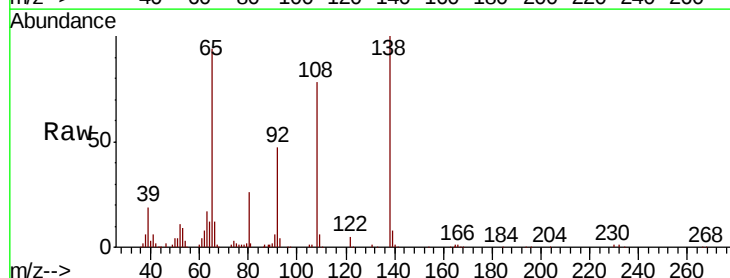
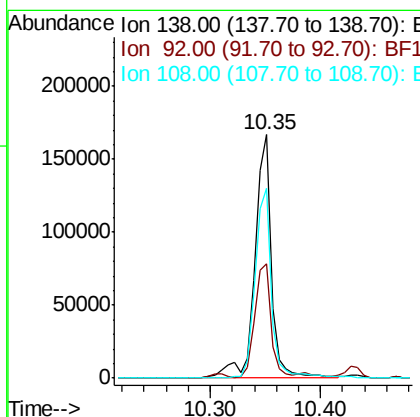
Manual Integrations
APPROVED

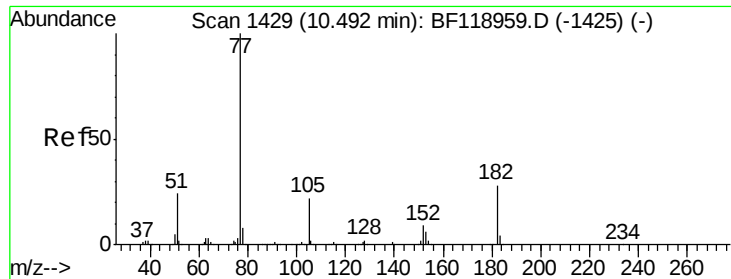
mohammad
3/3/2020 12:25:50 PM



#62
4-Nitroaniline
Concen: 28.589 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.02 min
Lab File: BF119170.D
Acq: 2 Mar 2020 15:47

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.0	27.3	67.3
108	78.0	57.0	97.0





#63

Azobenzene

Concen: 35.524 ng

RT: 10.47 min Scan# 1425

Delta R.T. -0.02 min

Lab File: BF119170.D

Acq: 2 Mar 2020 15:47

Instrument :

BNA_F

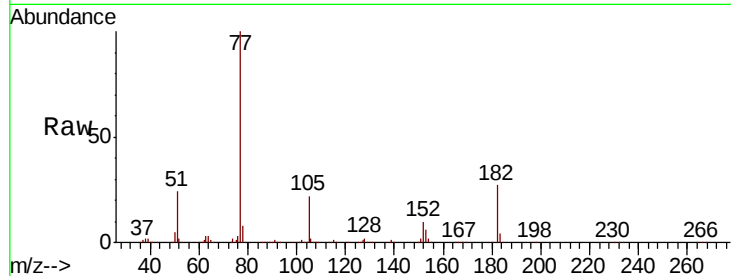
ClientSampleId :

PB127188BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	26.6	11.4	51.4	
105	21.7	3.4	43.4	
51	24.3	5.1	45.1	

Manual Integrations
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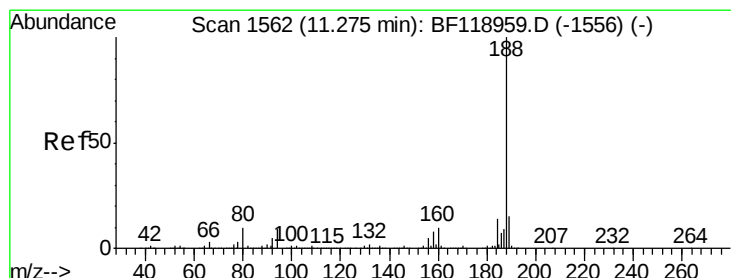
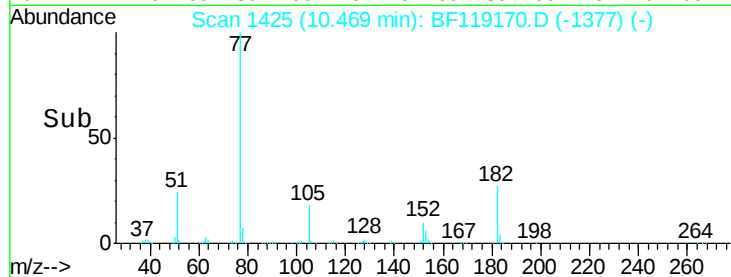
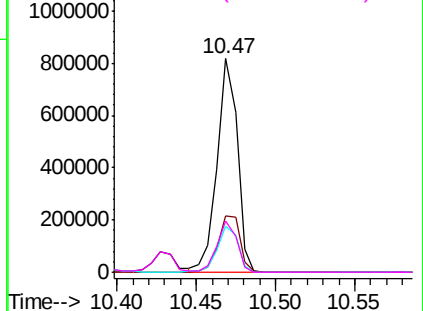


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.25 min Scan# 1558

Delta R.T. -0.01 min

Lab File: BF119170.D

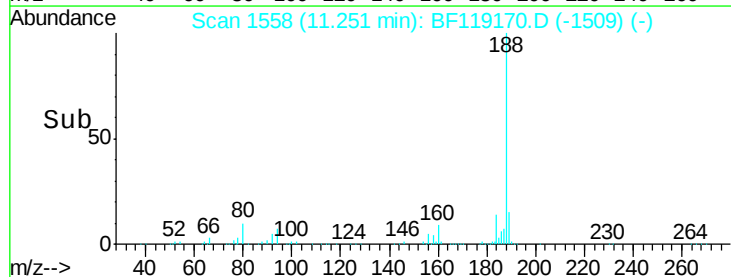
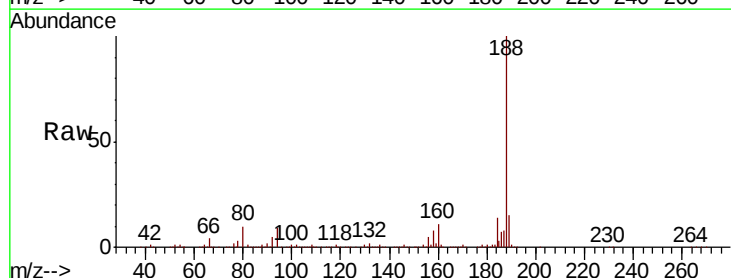
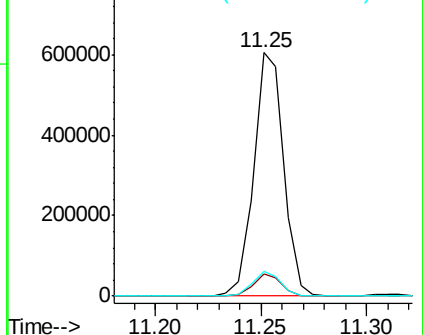
Acq: 2 Mar 2020 15:47

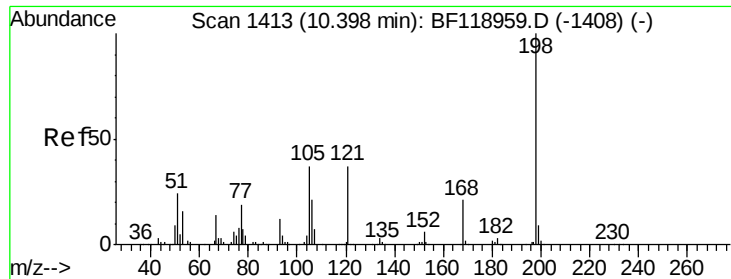
Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.3	7.1	10.7	
80	10.3	7.8	11.8	

Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





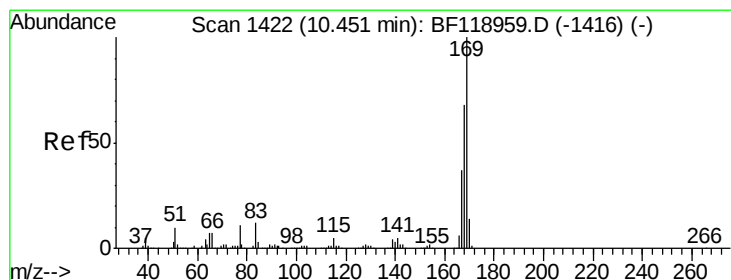
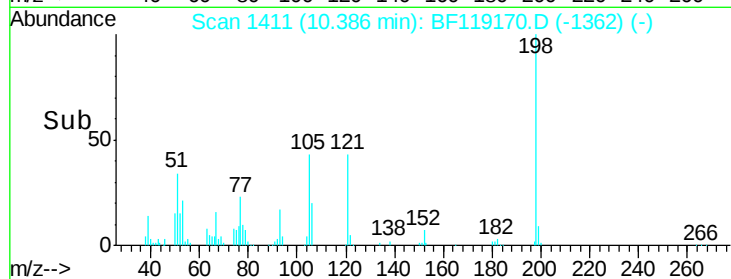
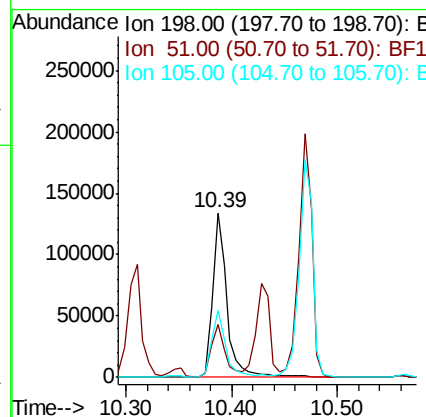
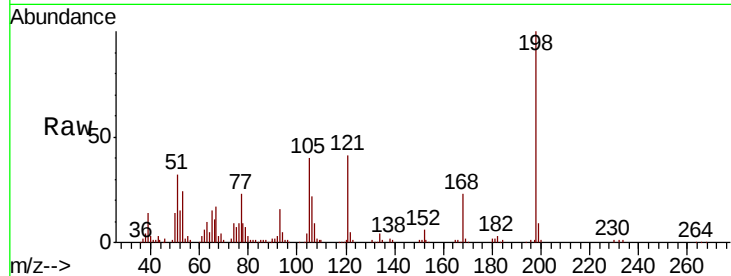
#65
4,6-Dinitro-2-methylphenol
Concen: 35.539 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF119170.D
Acq: 2 Mar 2020 15:47

Instrument :
BNA_F
ClientSampleId :
PB127188BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	128092		
51	32.1	14.2	54.2	
105	40.5	22.7	62.7	

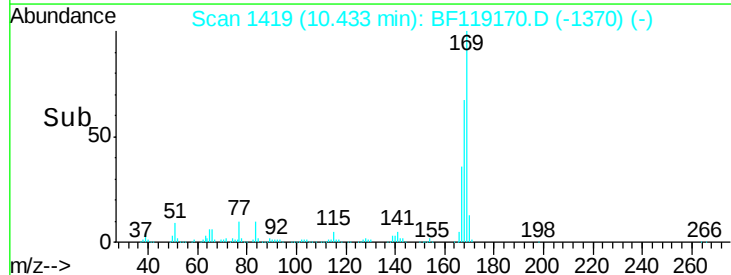
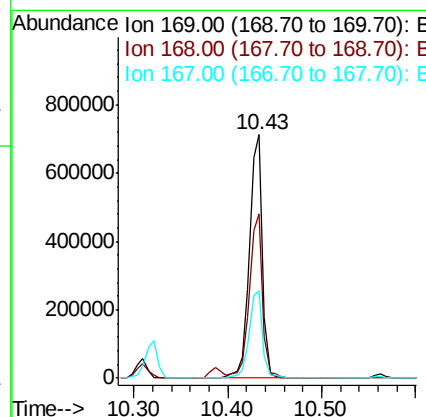
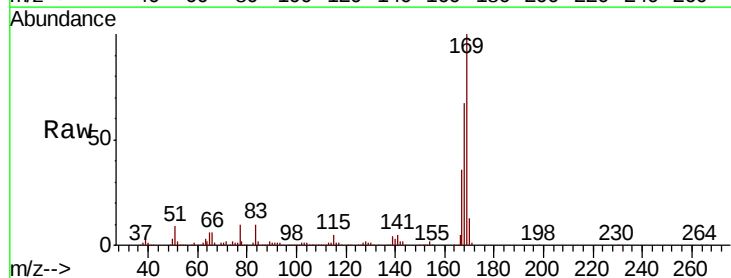
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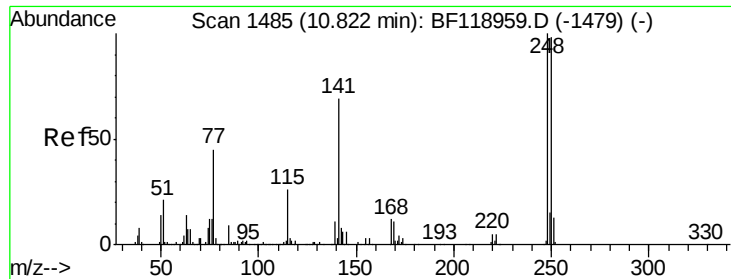
mohammad
3/3/2020 12:25:50 PM



#66
n-Nitrosodiphenylamine
Concen: 34.962 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF119170.D
Acq: 2 Mar 2020 15:47

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	681879		
168	67.2	54.1	81.1	
167	36.2	29.4	44.0	





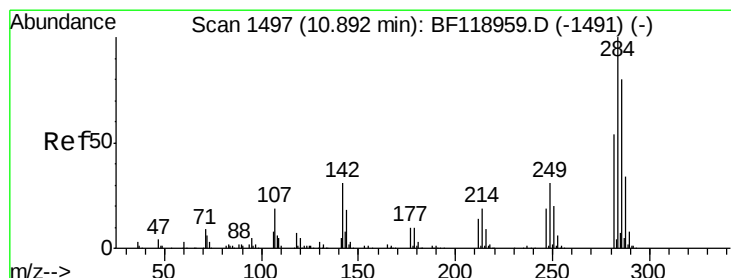
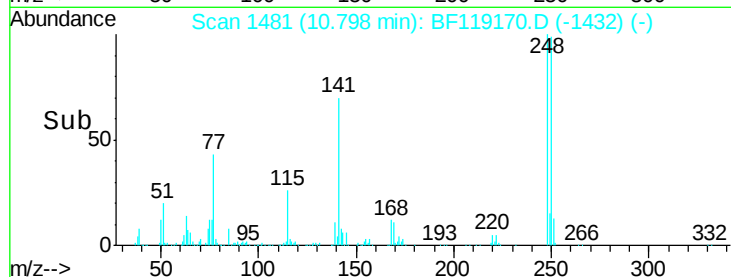
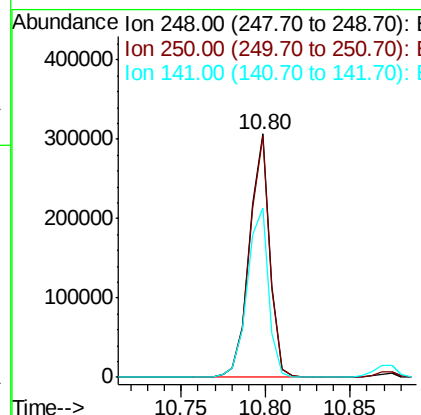
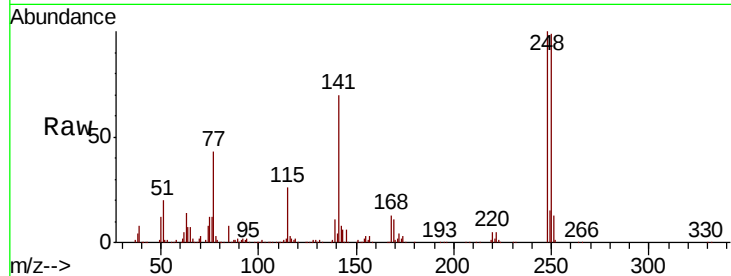
#67
4-Bromophenyl-phenylether
Concen: 33.253 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.01 min
Lab File: BF119170.D
Acq: 2 Mar 2020 15:47

Instrument :
BNA_F
ClientSampleId :
PB127188BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.8	76.7	115.1
141	69.7	60.7	91.1

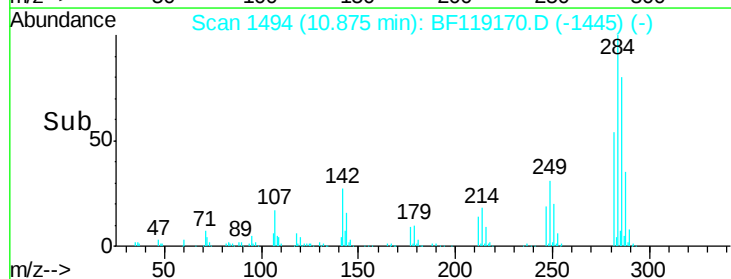
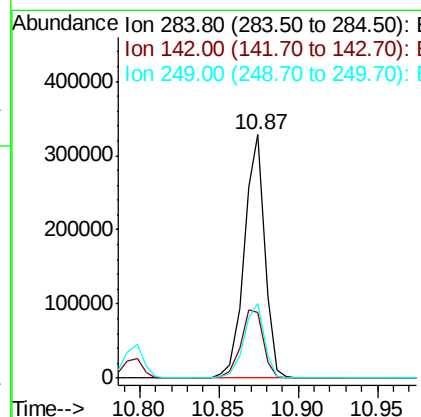
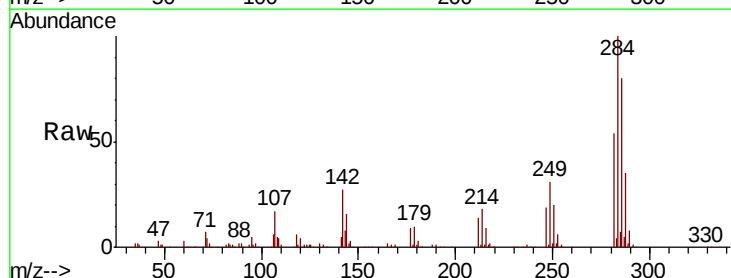
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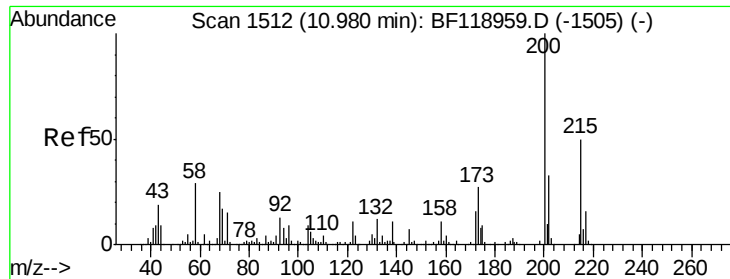
mohammad
3/3/2020 12:25:50 PM



#68
Hexachlorobenzene
Concen: 32.445 ng
RT: 10.87 min Scan# 1494
Delta R.T. -0.01 min
Lab File: BF119170.D
Acq: 2 Mar 2020 15:47

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.1	23.7	35.5
249	30.6	25.0	37.6





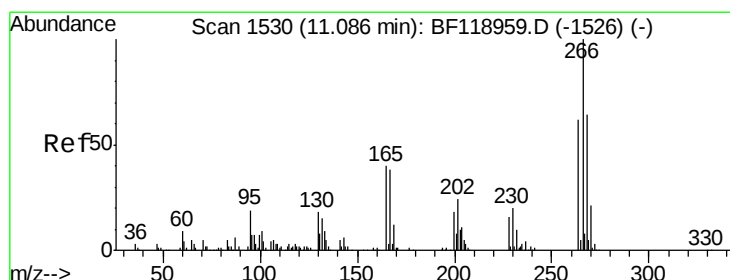
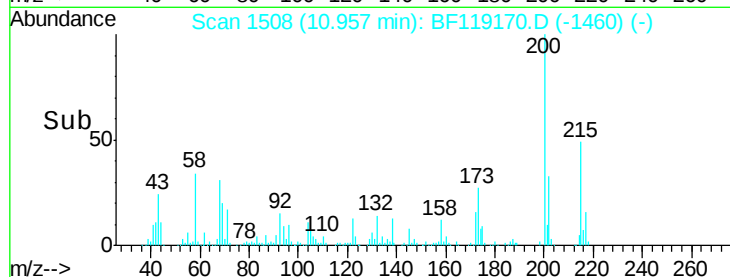
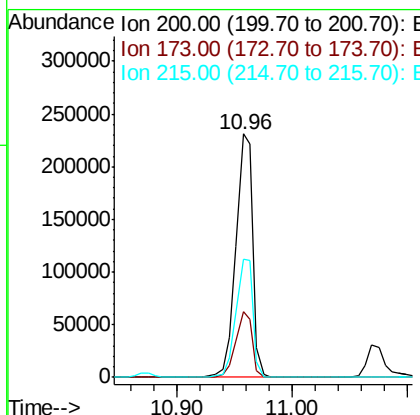
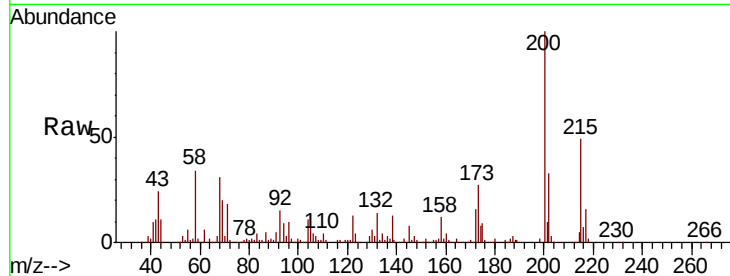
#69
Atrazine
Concen: 34.347 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.02 min
Lab File: BF119170.D
Acq: 2 Mar 2020 15:47

Instrument :
BNA_F
ClientSampleId :
PB127188BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.1	6.4	46.4
215	48.5	27.4	67.4

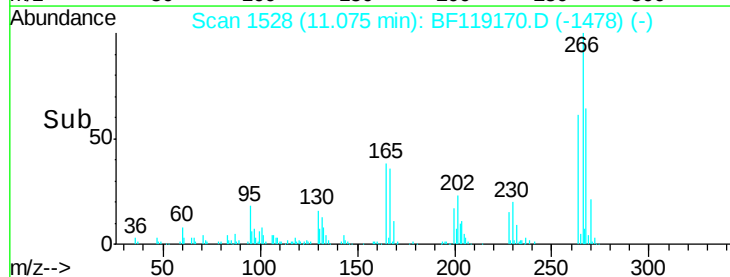
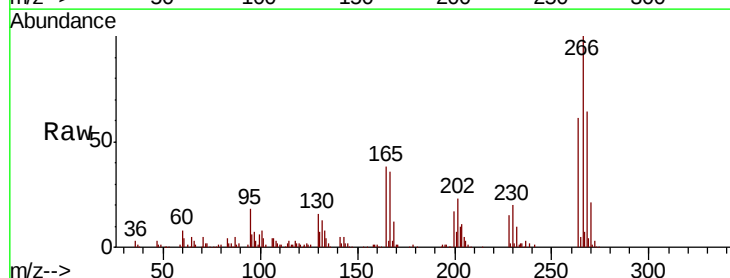
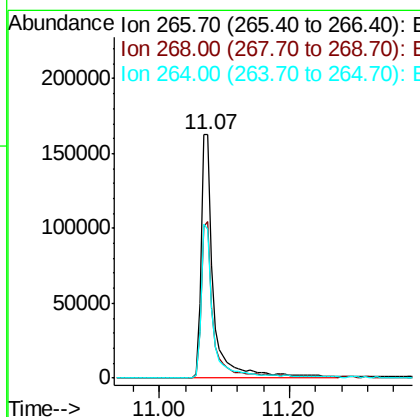
Manual Integrations
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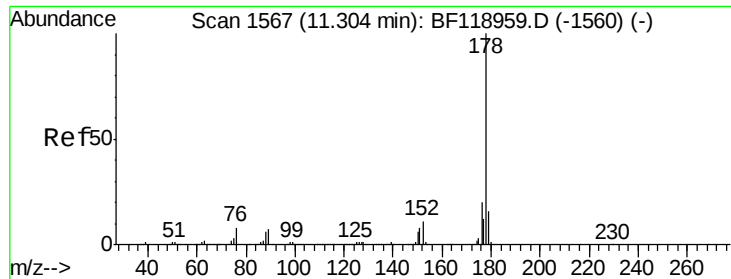
mohammad
3/3/2020 12:25:50 PM



#70
Pentachlorophenol
Concen: 60.824 ng
RT: 11.07 min Scan# 1528
Delta R.T. -0.01 min
Lab File: BF119170.D
Acq: 2 Mar 2020 15:47

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.1	51.9	77.9
264	61.1	51.0	76.4





#71

Phenanthrene

Concen: 34.263 ng

RT: 11.28 min Scan# 1563

Delta R.T. -0.01 min

Lab File: BF119170.D

Acq: 2 Mar 2020 15:47

Instrument :

BNA_F

ClientSampleId :

PB127188BS

Tot Ion:178 Resp: 1112974

Ion Ratio Lower Upper

178 100

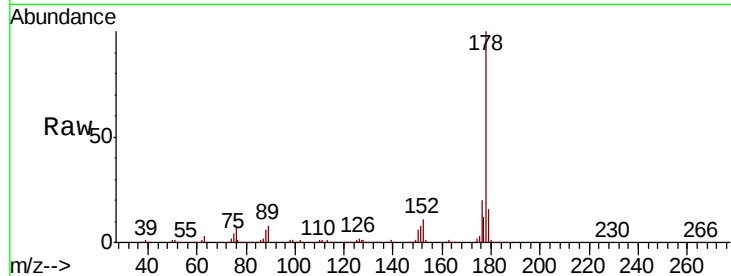
176 19.8 16.5 24.7

179 15.6 13.0 19.6

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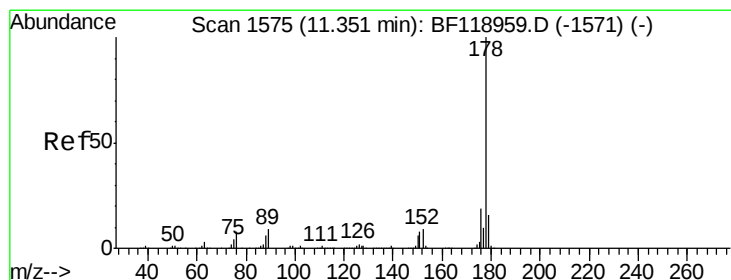
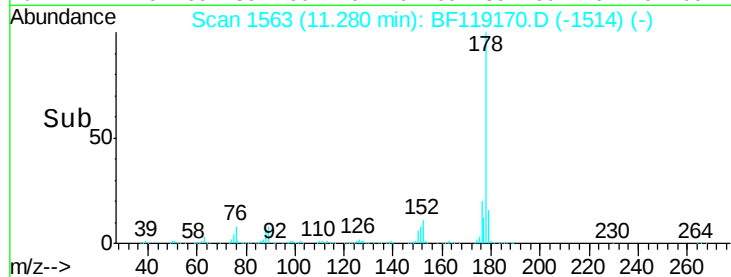
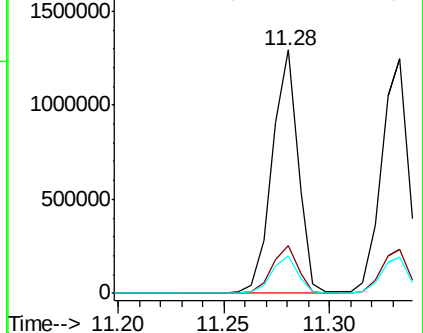
3/3/2020 12:25:50 PM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 34.997 ng

RT: 11.33 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BF119170.D

Acq: 2 Mar 2020 15:47

Tgt Ion:178 Resp: 1135854

Ion Ratio Lower Upper

178 100

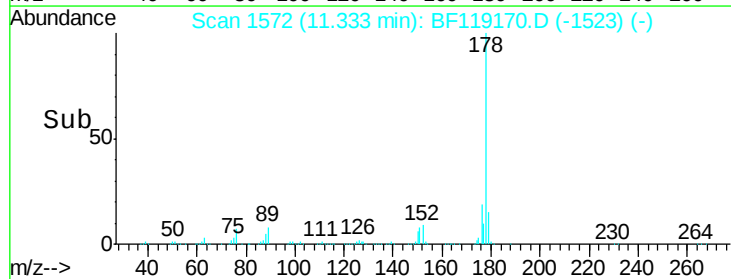
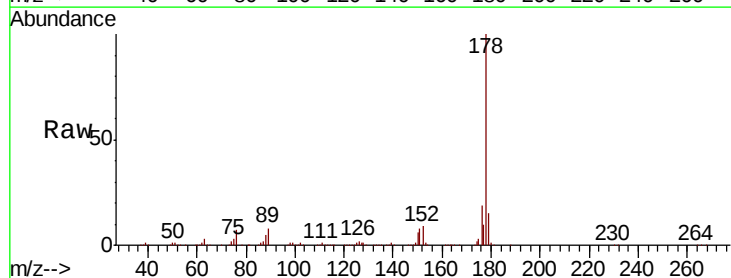
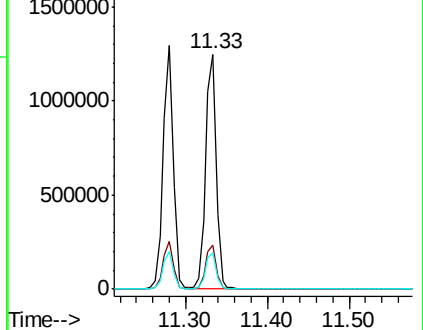
176 19.0 16.0 24.0

179 15.2 13.1 19.7

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 34.092 ng

RT: 11.49 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BF119170.D

Acq: 2 Mar 2020 15:47

Instrument :

BNA_F

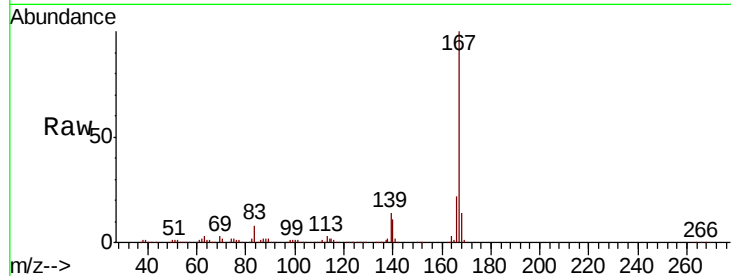
ClientSampleId :

PB127188BS

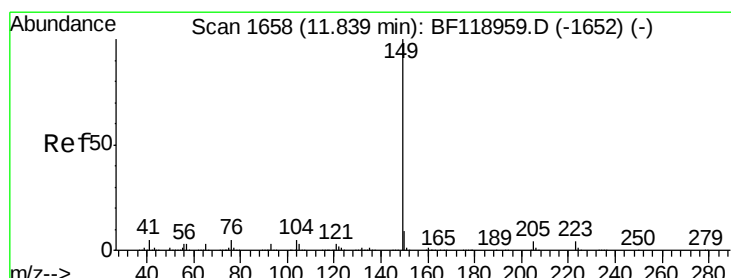
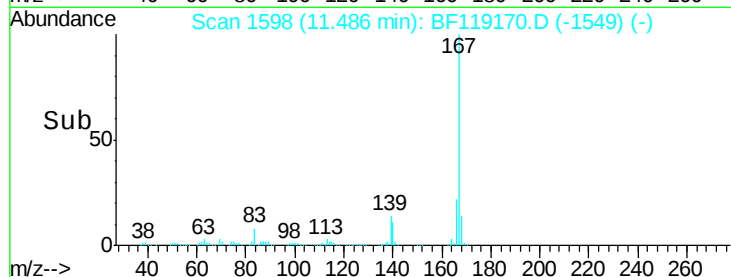
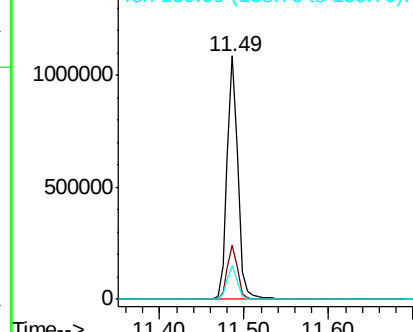
Tot Ion:	167	Resp:	985737
Ion Ratio		Lower	Upper
167	100		
166	22.3	18.2	27.4
139	13.8	11.7	17.5

Manual Integrations
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3/3/2020 12:25:50 PM



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



#74

Di-n-butylphthalate

Concen: 35.648 ng

RT: 11.82 min Scan# 1654

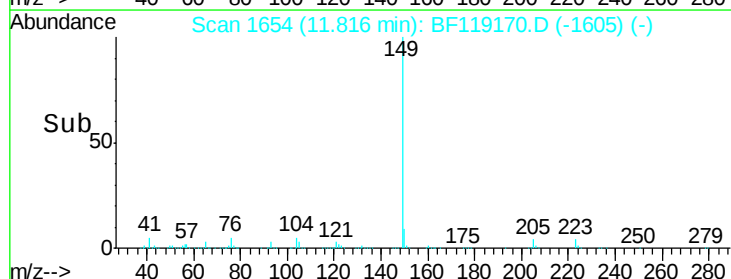
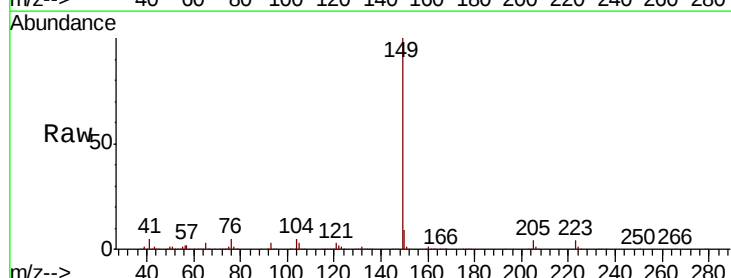
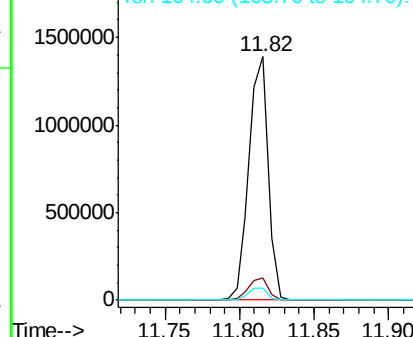
Delta R.T. -0.01 min

Lab File: BF119170.D

Acq: 2 Mar 2020 15:47

Tgt Ion:	149	Resp:	1248229
Ion Ratio		Lower	Upper
149	100		
150	9.2	7.9	11.9
104	5.0	4.6	6.8

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





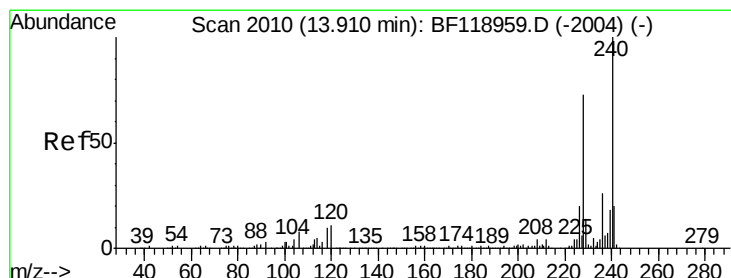
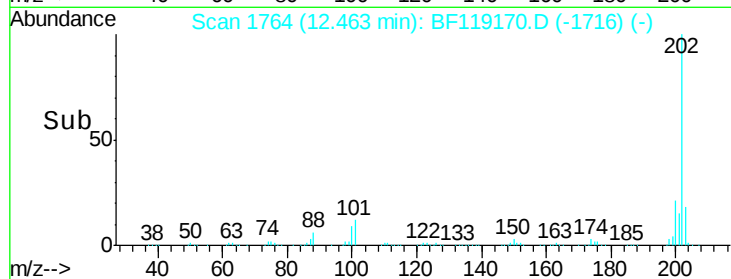
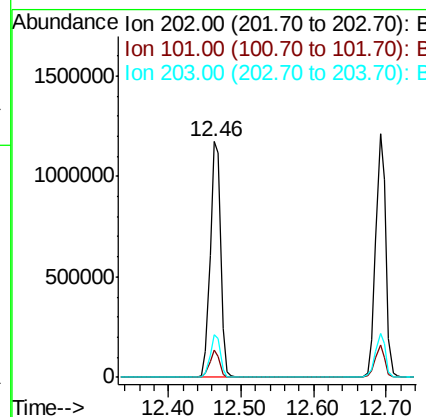
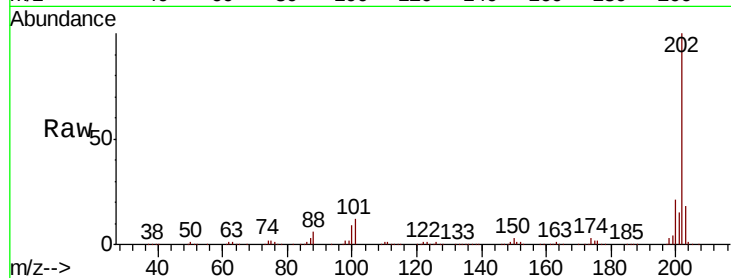
#75
Fluoranthene
Concen: 34.089 ng
RT: 12.46 min Scan# 1764
Delta R.T. -0.02 min
Lab File: BF119170.D
Acq: 2 Mar 2020 15:47

Instrument :
BNA_F
ClientSampleId :
PB127188BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	30.3
203	18.2	0.0	38.4

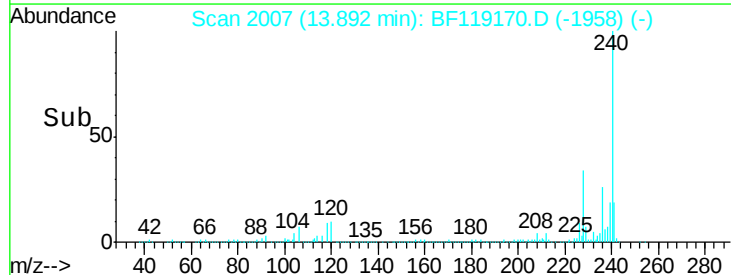
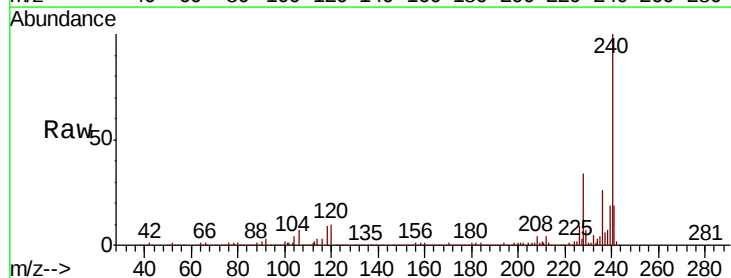
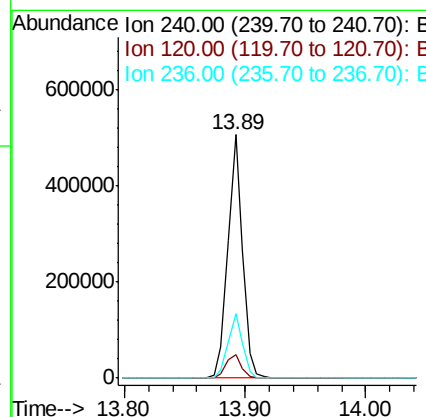
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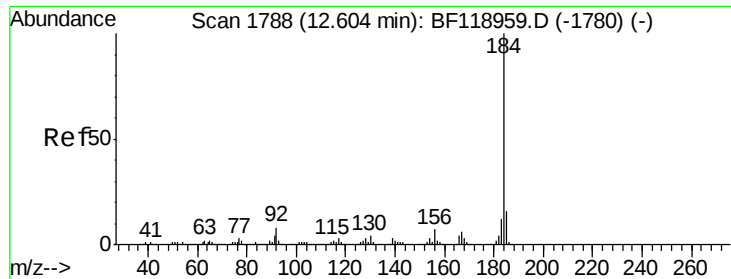
mohammad
3/3/2020 12:25:50 PM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF119170.D
Acq: 2 Mar 2020 15:47

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.6	8.4	12.6
236	26.3	21.0	31.4





#77

Benzidine

Concen: 11.249 ng

RT: 12.59 min Scan# 1785

Delta R.T. -0.01 min

Lab File: BF119170.D

Acq: 2 Mar 2020 15:47

Instrument :

BNA_F

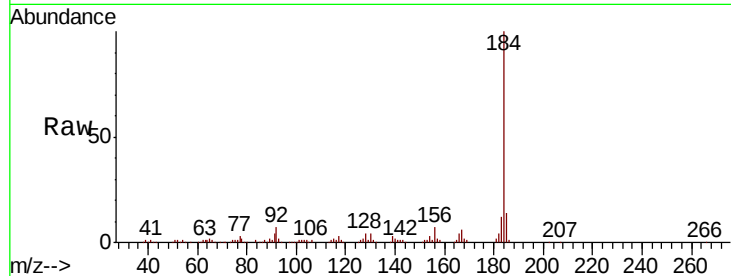
ClientSampleId :

PB127188BS

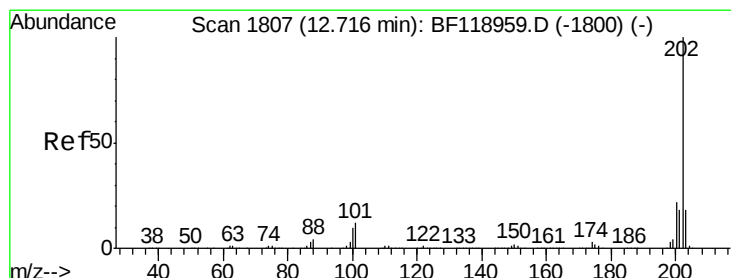
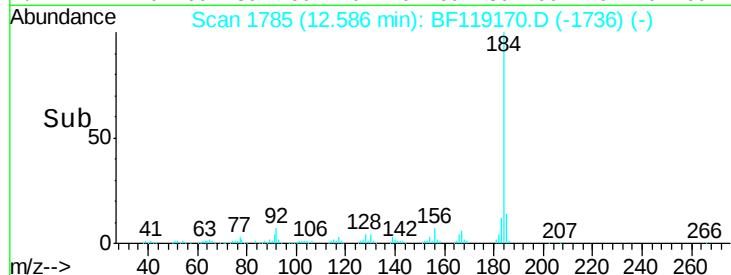
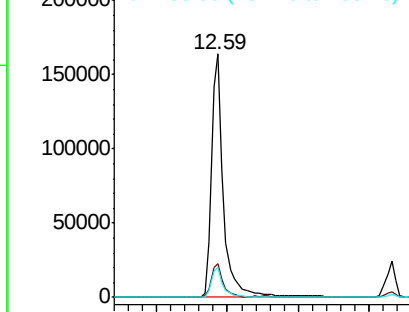
Tot Ion:	184	Resp:	193350
Ion Ratio	Lower	Upper	
184	100		
185	13.6	12.2	18.4
183	12.3	9.9	14.9

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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: 34.640 ng

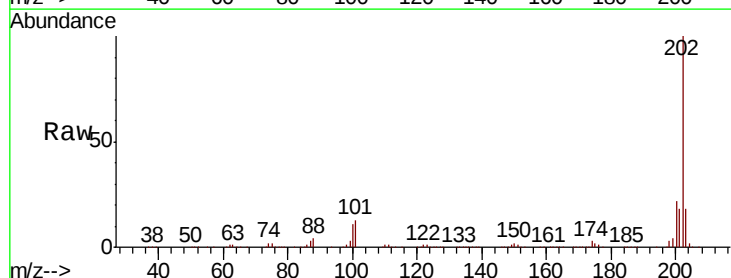
RT: 12.69 min Scan# 1803

Delta R.T. -0.02 min

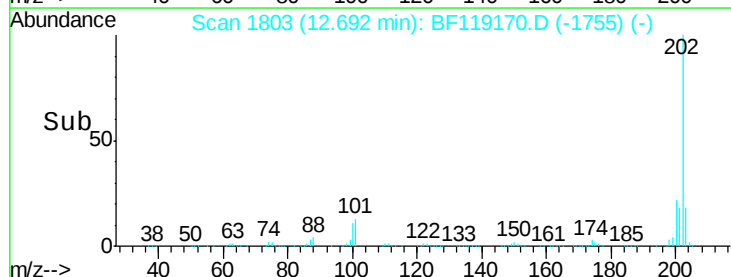
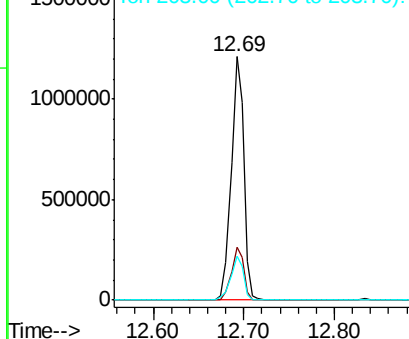
Lab File: BF119170.D

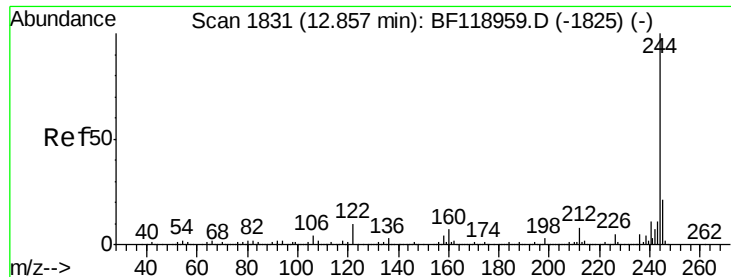
Acq: 2 Mar 2020 15:47

Tgt Ion:	202	Resp:	1175624
Ion Ratio	Lower	Upper	
202	100		
200	21.9	18.0	27.0
203	18.2	14.6	22.0



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





#79

Terphenyl-d14

Concen: 63.207 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.02 min

Lab File: BF119170.D

Acq: 2 Mar 2020 15:47

Instrument :

BNA_F

ClientSampleId :

PB127188BS

Tot Ion:244 Resp: 1551632

Ion Ratio Lower Upper

244 100

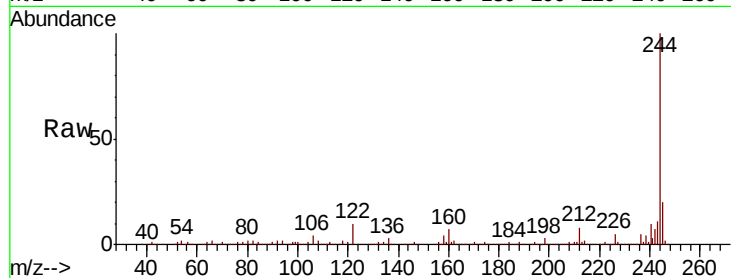
212 7.5 6.6 10.0

122 10.3 8.2 12.2

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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

12.83

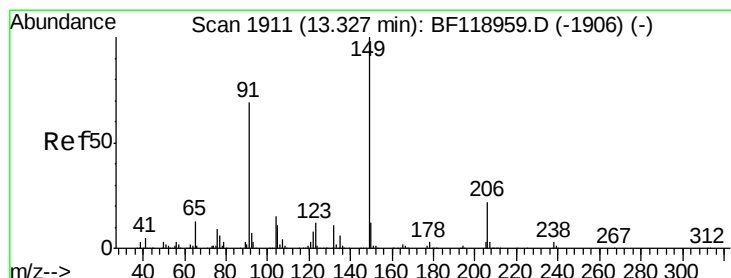
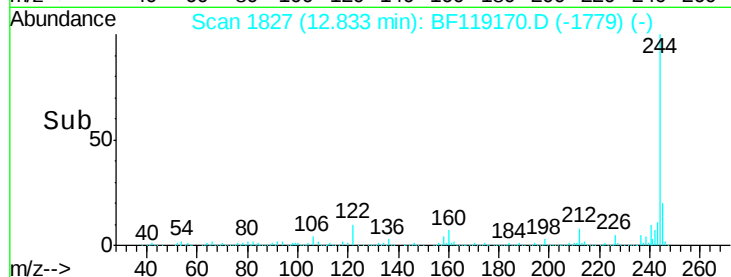
1500000

1000000

500000

0

Time-->



#80

Butylbenzylphthalate

Concen: 35.581 ng

RT: 13.30 min Scan# 1907

Delta R.T. -0.02 min

Lab File: BF119170.D

Acq: 2 Mar 2020 15:47

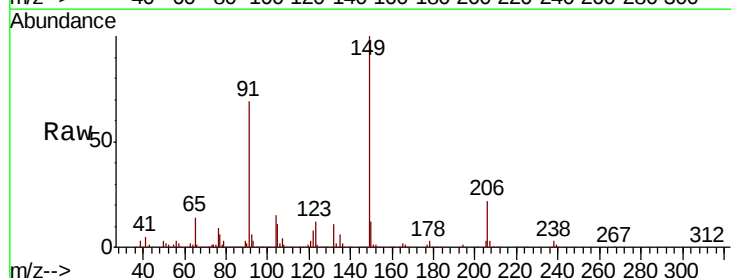
Tgt Ion:149 Resp: 508224

Ion Ratio Lower Upper

149 100

91 69.2 52.3 78.5

206 22.0 18.5 27.7



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

800000

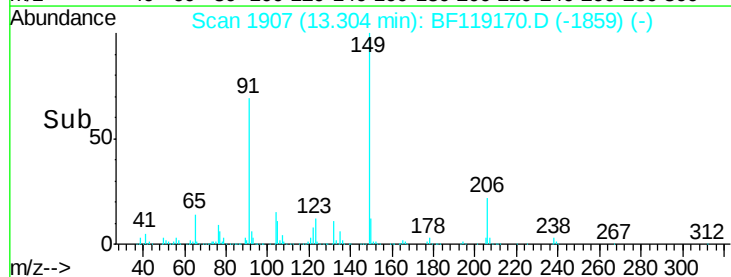
600000

400000

200000

0

Time-->





#81

Benzo(a)anthracene

Concen: 34.042 ng

RT: 13.88 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BF119170.D

Acq: 2 Mar 2020 15:47

Instrument :

BNA_F

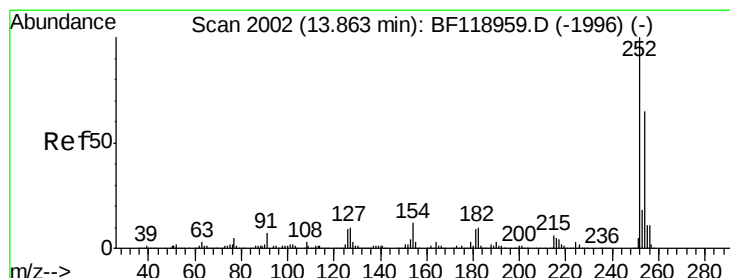
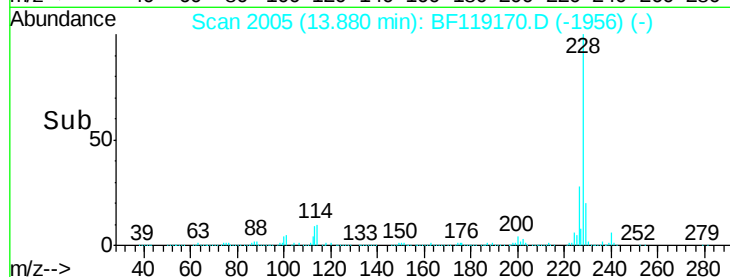
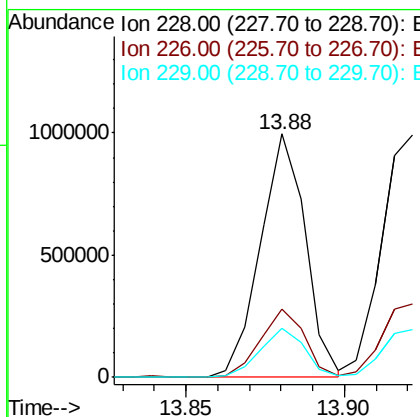
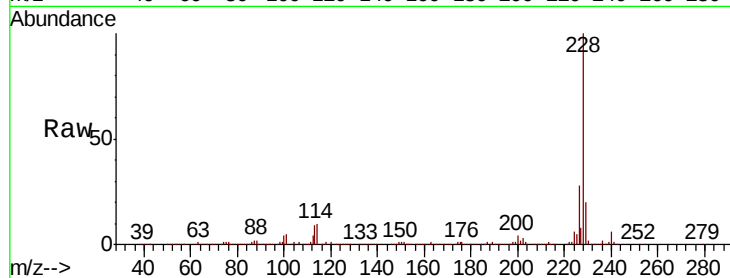
ClientSampleId :

PB127188BS

Tot Ion:	228	Resp:	980333
Ion Ratio		Lower	Upper
228	100		
226	27.9	22.6	33.8
229	19.9	16.6	24.8

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#82

3,3'-Dichlorobenzidine

Concen: 26.874 ng

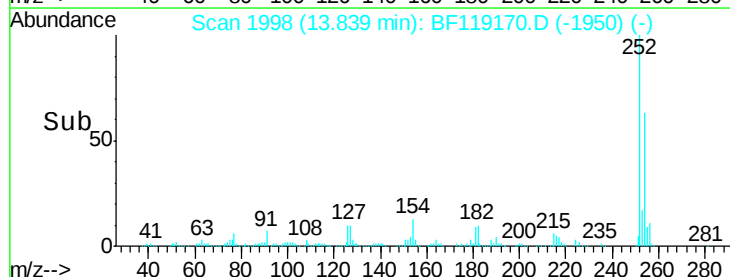
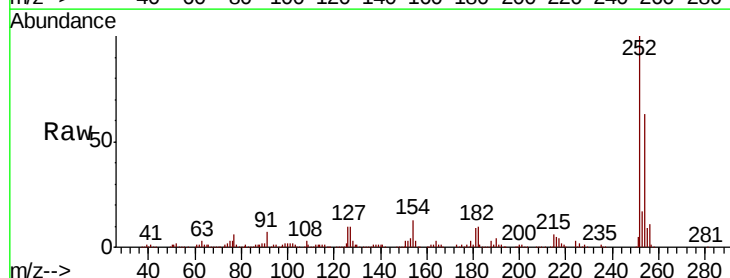
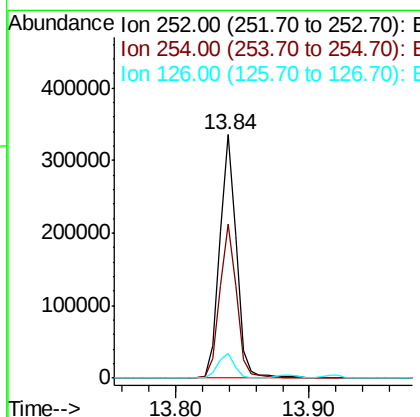
RT: 13.84 min Scan# 1998

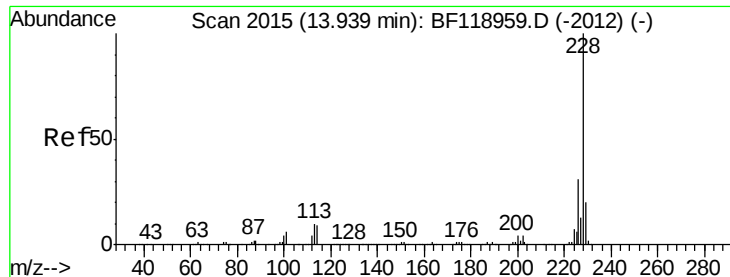
Delta R.T. -0.02 min

Lab File: BF119170.D

Acq: 2 Mar 2020 15:47

Tgt Ion:	252	Resp:	300510
Ion Ratio		Lower	Upper
252	100		
254	63.4	51.6	77.4
126	10.1	7.4	11.0





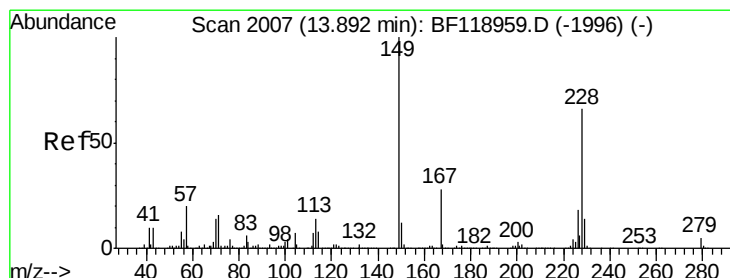
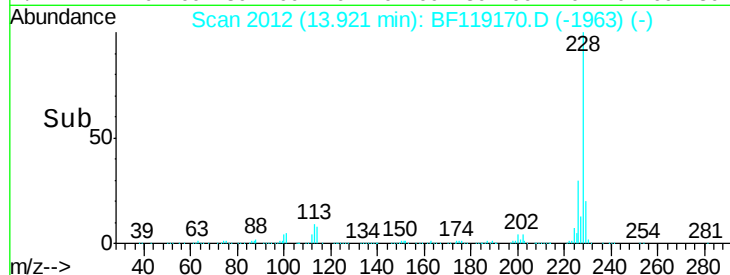
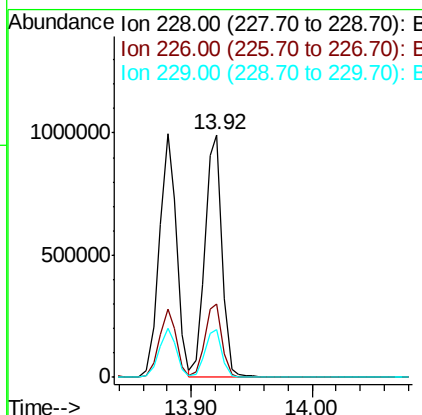
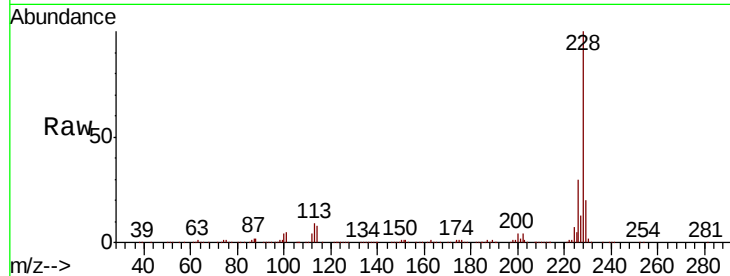
#83
 Chrvsene
 Concen: 33.679 ng
 RT: 13.92 min Scan# 2012
 Delta R.T. -0.01 min
 Lab File: BF119170.D
 Acq: 2 Mar 2020 15:47

Instrument :
 BNA_F
 ClientSampleId :
 PB127188BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.1	37.7
229	19.7	16.3	24.5

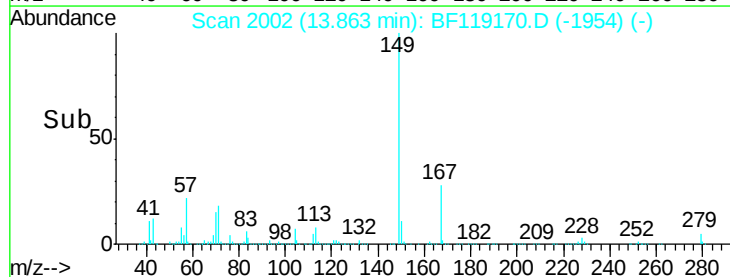
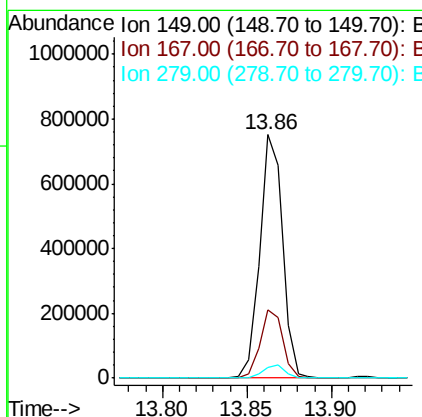
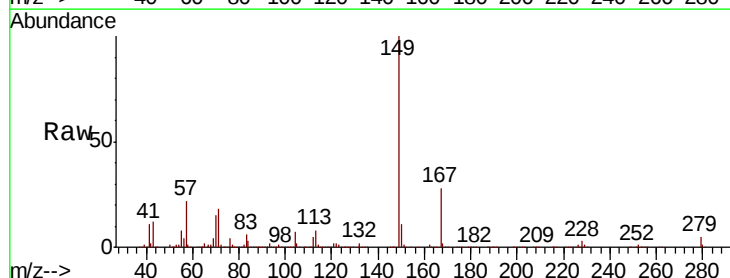
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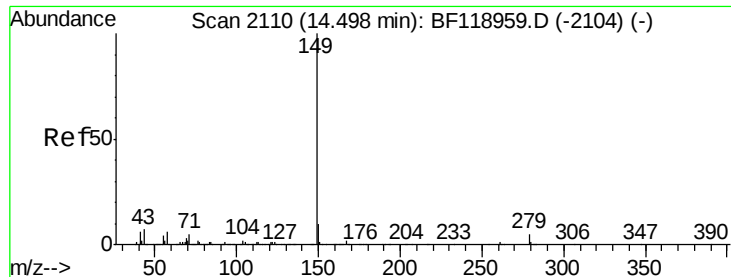
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 39.134 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. -0.02 min
 Lab File: BF119170.D
 Acq: 2 Mar 2020 15:47

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.8	34.2
279	4.6	4.6	6.8





#85

Di-n-octyl phthalate

Concen: 38.344 ng

RT: 14.47 min Scan# 2106

Delta R.T. -0.01 min

Lab File: BF119170.D

Acq: 2 Mar 2020 15:47

Instrument :

BNA_F

ClientSampleId :

PB127188BS

Tot Ion:149 Resp: 1102455

Ion Ratio Lower Upper

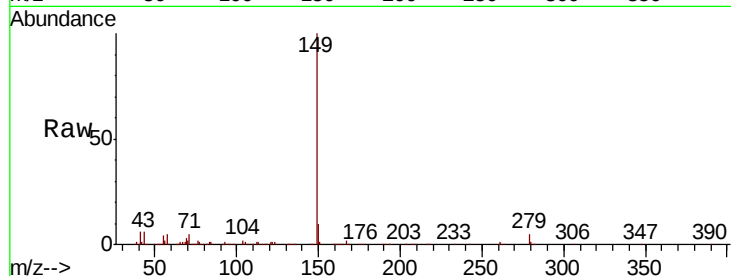
149 100

167 1.6 1.3 1.9

43 6.5 5.7 8.5

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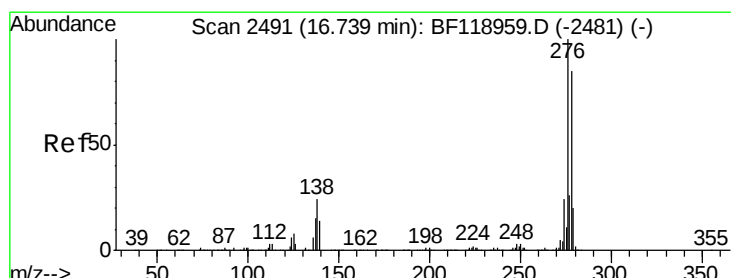
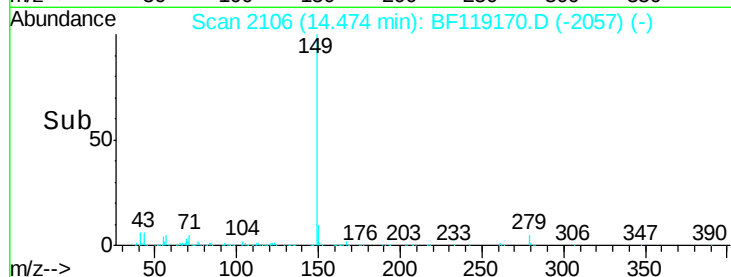
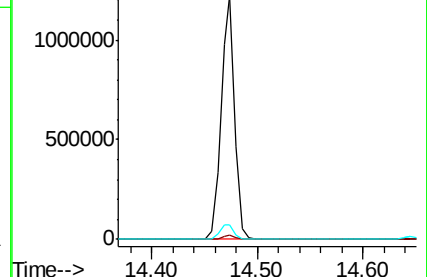
mohammad
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 26.803 ng

RT: 16.72 min Scan# 2487

Delta R.T. -0.02 min

Lab File: BF119170.D

Acq: 2 Mar 2020 15:47

Tgt Ion:276 Resp: 744694

Ion Ratio Lower Upper

276 100

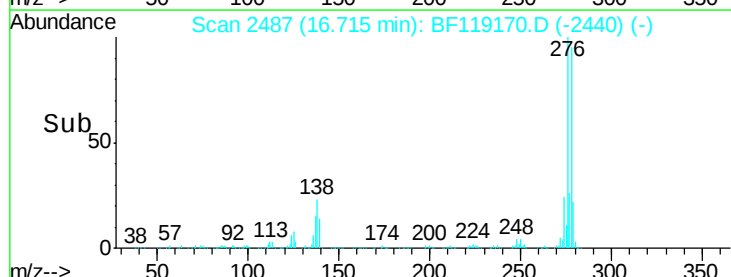
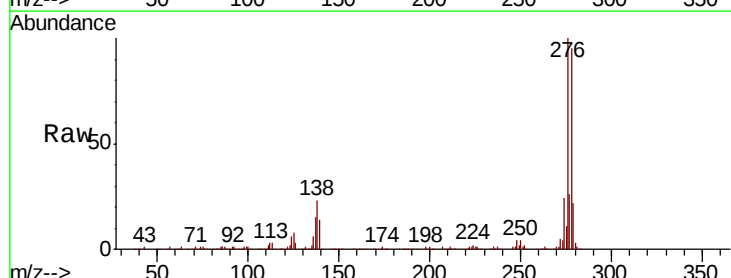
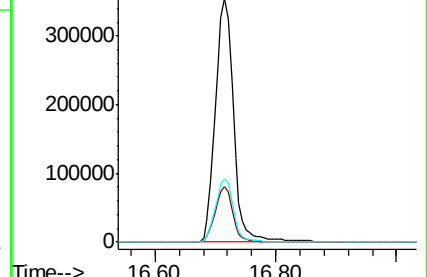
138 22.0 17.4 26.0

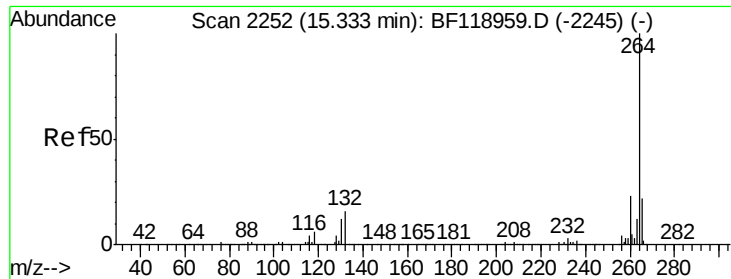
277 25.9 20.3 30.5

Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





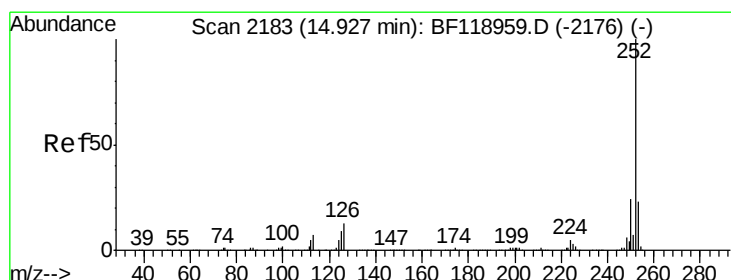
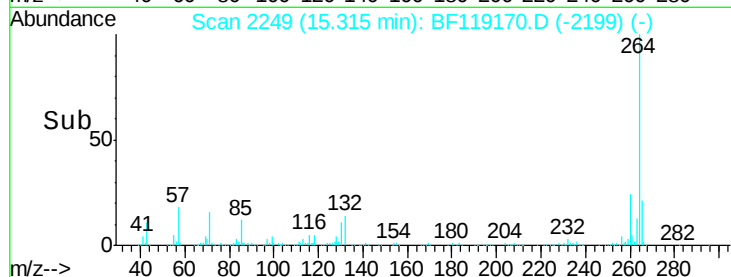
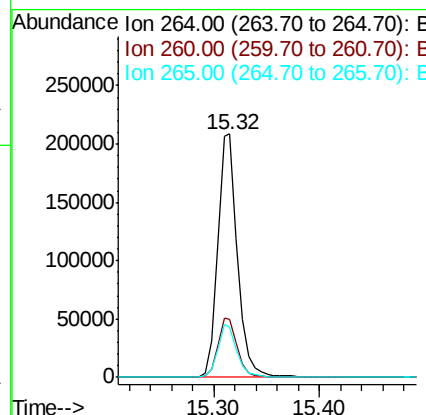
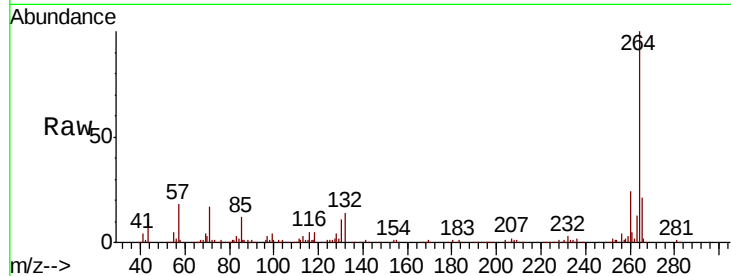
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2249
Delta R.T. -0.01 min
Lab File: BF119170.D
Acq: 2 Mar 2020 15:47

Instrument :
BNA_F
ClientSampleId :
PB127188BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.2
265	20.9	17.7	26.5

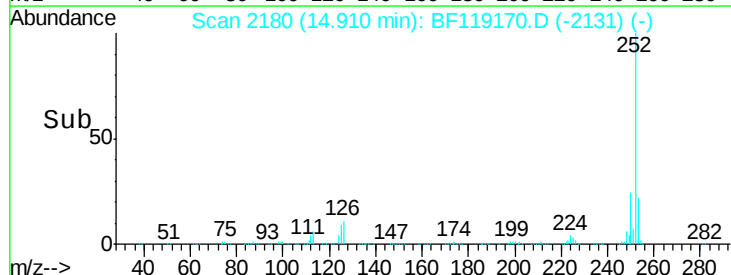
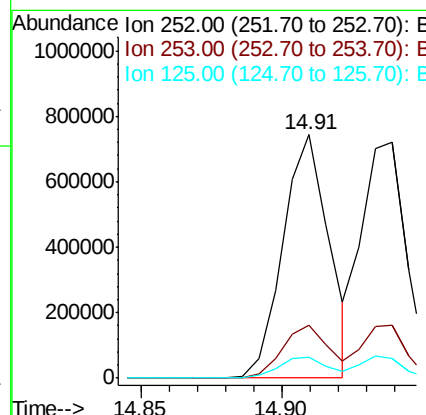
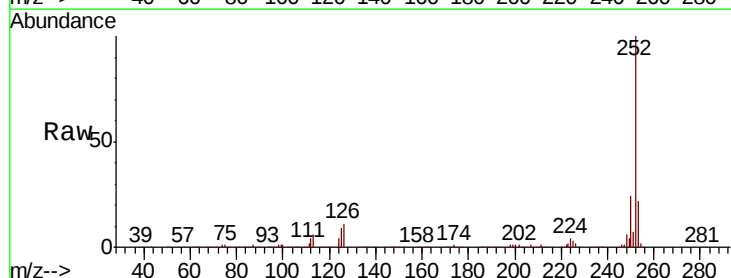
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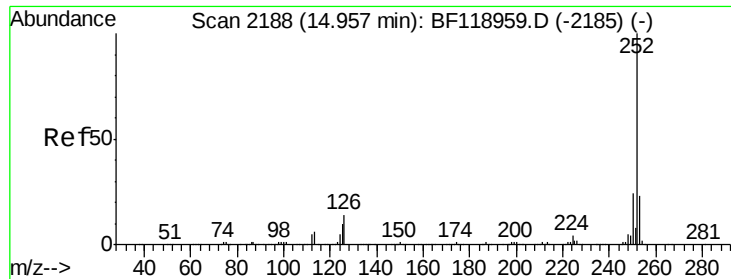
mohammad
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#88
Benzo(b)fluoranthene
Concen: 46.492 ng
RT: 14.91 min Scan# 2180
Delta R.T. -0.01 min
Lab File: BF119170.D
Acq: 2 Mar 2020 15:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.1	27.1
125	8.6	7.4	11.0





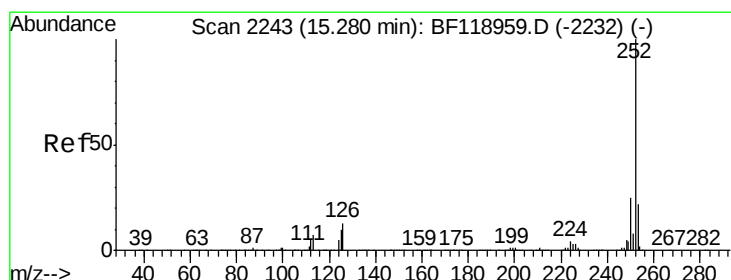
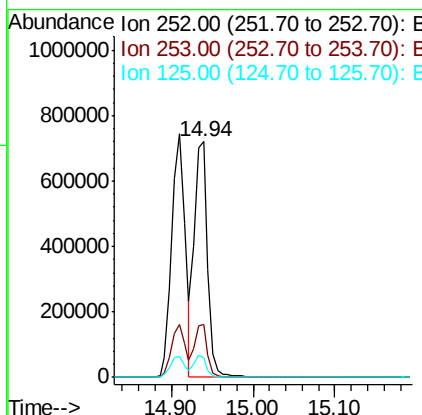
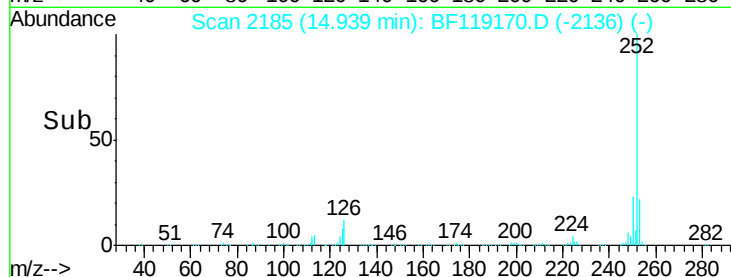
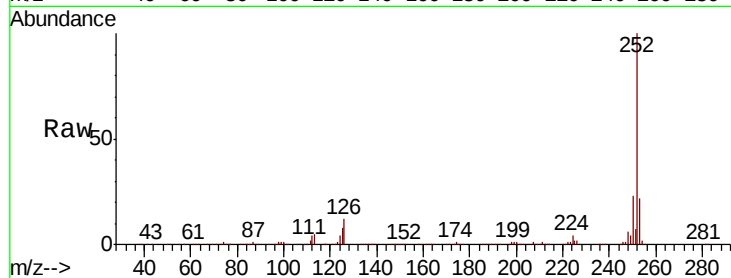
#89
Benzo(k)fluoranthene
Concen: 48.167 ng
RT: 14.94 min Scan# 2185
Delta R.T. -0.01 min
Lab File: BF119170.D
Acq: 2 Mar 2020 15:47

Instrument :
BNA_F
ClientSampleId :
PB127188BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.8
125	8.3	7.5	11.3

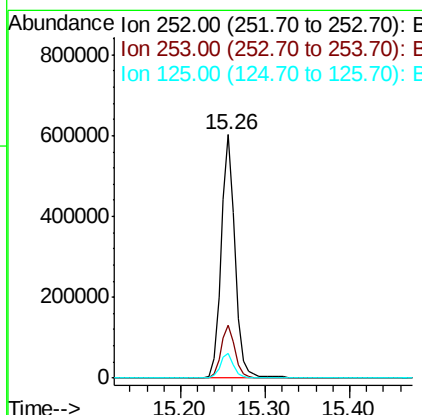
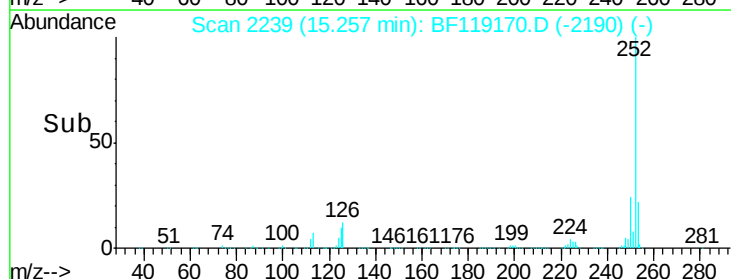
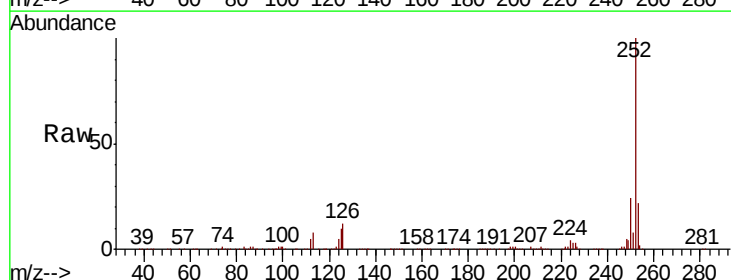
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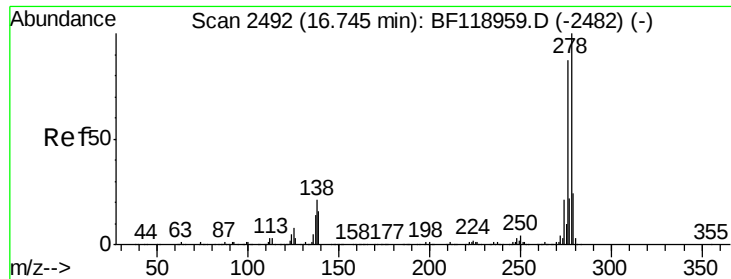
mohammad
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#90
Benzo(a)pyrene
Concen: 42.366 ng
RT: 15.26 min Scan# 2239
Delta R.T. -0.01 min
Lab File: BF119170.D
Acq: 2 Mar 2020 15:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.0	27.0
125	10.0	8.6	12.8





#91

Dibenzo(a,h)anthracene

Concen: 44.438 ng

RT: 16.72 min Scan# 2487

Delta R.T. -0.03 min

Lab File: BF119170.D

Acq: 2 Mar 2020 15:47

Instrument :

BNA_F

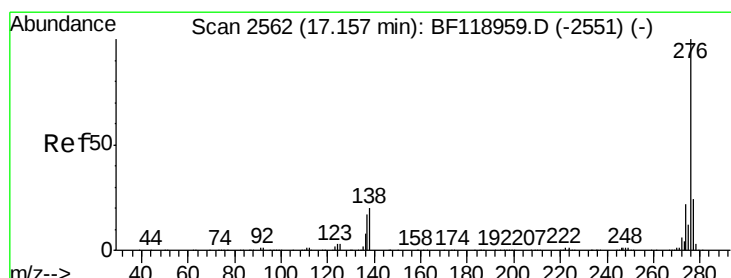
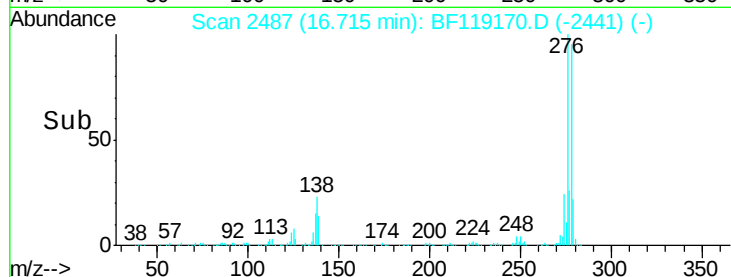
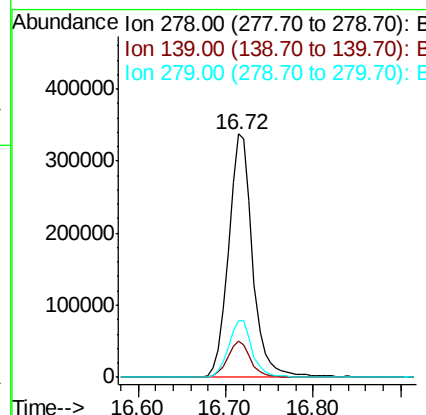
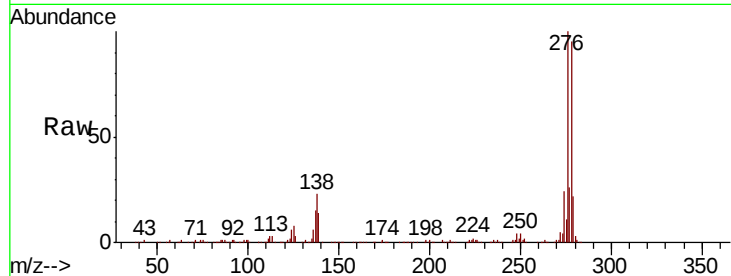
ClientSampleId :

PB127188BS

Tot Ion:	278	Resp:	640312
Ion Ratio	Lower	Upper	
278	100		
139	14.8	11.0	16.4
279	23.2	18.6	28.0

Manual Integrations
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#92

Benzo(g,h,i)perylene

Concen: 43.049 ng

RT: 17.13 min Scan# 2558

Delta R.T. -0.02 min

Lab File: BF119170.D

Acq: 2 Mar 2020 15:47

Tgt Ion:	276	Resp:	612886
Ion Ratio	Lower	Upper	
276	100		
277	23.8	18.7	28.1
138	18.2	14.3	21.5

