

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081619\
 Data File : BF116312.D
 Acq On : 16 Aug 2019 10:38
 Operator : HP/JU
 Sample : PB122277BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB122277BS

Manual Integrations
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mohammad
 8/20/2019 8:36:46 AM

Quant Time: Aug 16 11:56:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	127904	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	531253	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	278753	20.00	ng	-0.04
64) Phenanthrene-d10	11.34	188	469723	20.00	ng	-0.03
76) Chrysene-d12	13.98	240	308439	20.00	ng	-0.03
87) Perylene-d12	15.44	264	245269	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	907506	118.78	ng	-0.01
7) Phenol-d6	6.46	99	1090524	113.13	ng	-0.02
23) Nitrobenzene-d5	7.39	82	727332	79.03	ng	-0.03
42) 2,4,6-Tribromophenol	10.65	330	300669	111.25	ng	-0.03
45) 2-Fluorobiphenyl	9.17	172	1241644	83.43	ng	-0.04
79) Terphenyl-d14	12.92	244	1318713	90.09	ng	-0.04

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.66	88	155375	40.255	ng	99
3) Pyridine	3.40	79	356396	33.054	ng	99
4) n-Nitrosodimethylamine	3.36	42	166051	39.025	ng	99
6) Aniline	6.49	93	416239	30.151	ng	# 90
8) 2-Chlorophenol	6.61	128	385610	45.641	ng	98
9) Benzaldehyde	6.38	77	129372	19.451	ng	99
10) Phenol	6.47	94	478061	42.114	ng	85
11) bis(2-Chloroethyl)ether	6.56	93	366856	43.957	ng	99
12) 1,3-Dichlorobenzene	6.76	146	410888	42.081	ng	100
13) 1,4-Dichlorobenzene	6.83	146	423038	43.271	ng	99
14) 1,2-Dichlorobenzene	6.99	146	391235	43.461	ng	99
15) Benzyl Alcohol	6.97	79	302306	41.324	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	488908	42.948	ng	84
17) 2-Methylphenol	7.08	107	313311	43.796	ng	98
18) Hexachloroethane	7.32	117	155267	43.136	ng	98
19) n-Nitroso-di-n-propylamine	7.23	70	261989	43.859	ng	100
20) 3+4-Methylphenols	7.23	107	397390	46.941	ng	91
22) Acetophenone	7.23	105	520894	44.708	ng	95
24) Nitrobenzene	7.40	77	426888	42.957	ng	97
25) Isophorone	7.64	82	773150	43.933	ng	99
26) 2-Nitrophenol	7.72	139	208114	44.427	ng	95
27) 2,4-Dimethylphenol	7.76	122	339146	48.122	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	475347	43.579	ng	99
29) 2,4-Dichlorophenol	7.97	162	330053	44.354	ng	99
30) 1,2,4-Trichlorobenzene	8.04	180	361976	42.674	ng	99
31) Naphthalene	8.12	128	1110722	44.430	ng	99
32) Benzoic acid	7.92	122	172947	34.807	ng	96
33) 4-Chloroaniline	8.17	127	289418	25.910	ng	98
34) Hexachlorobutadiene	8.23	225	204885	41.934	ng	99
35) Caprolactam	8.55	113	97787m	40.631	ng	
36) 4-Chloro-3-methylphenol	8.67	107	337635	43.614	ng	93
37) 2-Methylnaphthalene	8.81	142	728558	44.250	ng	99
38) 1-Methylnaphthalene	8.91	142	683204	43.863	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	336703	45.182	ng	100

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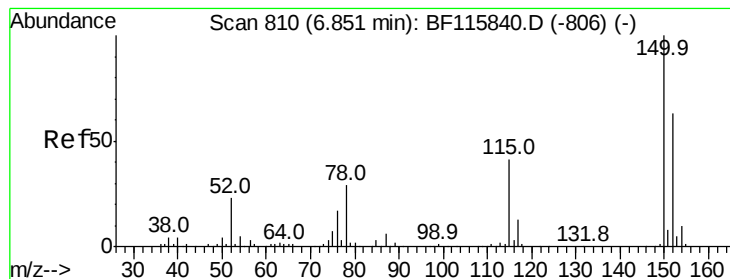
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	123567	40.123	nq	100
43) 2,4,6-Trichlorophenol	9.10	196	207414	40.436	nq	98
44) 2,4,5-Trichlorophenol	9.15	196	217763	41.069	nq	99
46) 1,1'-Biphenyl	9.27	154	889366	45.192	nq	98
47) 2-Chloronaphthalene	9.30	162	699443	42.702	nq	100
48) 2-Nitroaniline	9.40	65	214260	39.575	nq	99
49) Acenaphthylene	9.72	152	1020645	42.712	nq	99
50) Dimethylphthalate	9.57	163	806775	42.507	nq	100
51) 2,6-Dinitrotoluene	9.64	165	179113	43.425	nq #	83
52) Acenaphthene	9.89	154	632098	43.117	nq	100
53) 3-Nitroaniline	9.82	138	133593	26.212	nq	100
54) 2,4-Dinitrophenol	9.94	184	117527	58.364	nq	94
55) Dibenzofuran	10.06	168	890707	41.779	nq	99
56) 4-Nitrophenol	9.99	139	204815	62.733	nq	98
57) 2,4-Dinitrotoluene	10.06	165	213769	38.926	nq	92
58) Fluorene	10.40	166	720848	43.947	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.19	232	193205	43.311	nq	99
60) Diethylphthalate	10.27	149	772676	43.604	nq	99
61) 4-Chlorophenyl-phenylether	10.39	204	368514	44.361	nq	97
62) 4-Nitroaniline	10.43	138	171058	32.477	nq	97
63) Azobenzene	10.55	77	800839	43.939	nq	97
65) 4,6-Dinitro-2-methylphenol	10.47	198	106058	42.607	nq	89
66) n-Nitrosodiphenylamine	10.51	169	642193	45.423	nq	99
67) 4-Bromophenyl-phenylether	10.87	248	221918	44.133	nq	95
68) Hexachlorobenzene	10.96	284	247650	42.592	nq	96
69) Atrazine	11.04	200	193528	41.608	nq	98
70) Pentachlorophenol	11.16	266	181490	64.291	nq	98
71) Phenanthrene	11.36	178	1051518	43.789	nq	100
72) Anthracene	11.42	178	1088759	44.800	nq	99
73) Carbazole	11.57	167	968602	43.931	nq	99
74) Di-n-butylphthalate	11.89	149	1198381	46.593	nq	99
75) Fluoranthene	12.55	202	1071593	42.626	nq	97
77) Benzidine	12.67	184	274589	26.351	nq	99
78) Pyrene	12.78	202	1093863	47.047	nq	99
80) Butylbenzylphthalate	13.39	149	483468	49.157	nq	99
81) Benzo(a)anthracene	13.97	228	854093	43.323	nq	99
82) 3,3'-Dichlorobenzidine	13.93	252	263753	38.509	nq	99
83) Chrysene	14.00	228	850907	44.458	nq	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	677762	53.030	nq	100
85) Di-n-octyl phthalate	14.55	149	1030383	50.757	nq	99
86) Indeno(1,2,3-cd)pyrene	16.90	276	731512	45.506	nq	100
88) Benzo(b)fluoranthene	15.02	252	746099	52.610	nq	99
89) Benzo(k)fluoranthene	15.04	252	706611	51.155	nq	98
90) Benzo(a)pyrene	15.38	252	679109	53.568	nq	98
91) Dibenzo(a,h)anthracene	16.90	278	623230	56.793	nq	99
92) Benzo(g,h,i)perylene	17.34	276	616900	57.241	nq	98

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



#1

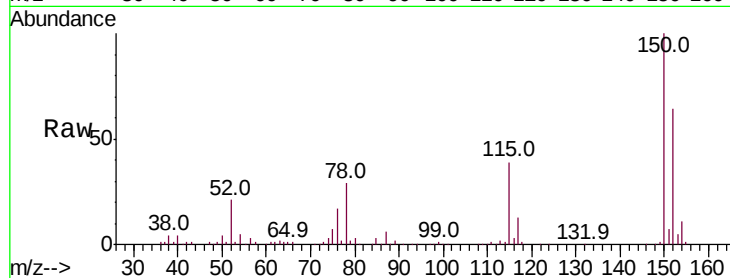
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.03 min
Lab File: BF116312.D
Acq: 16 Aug 2019 10:38

Instrument :
BNA_F
ClientSampleId :
PB122277BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	126.2	189.2
115	62.0	49.9	74.9

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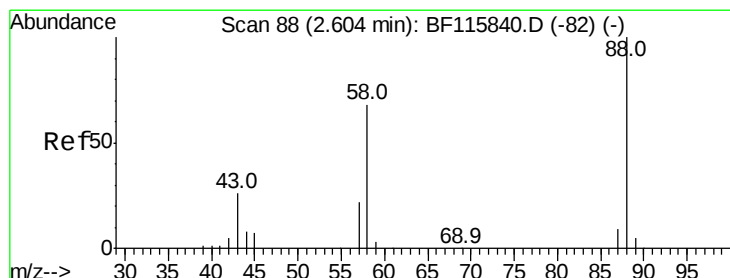
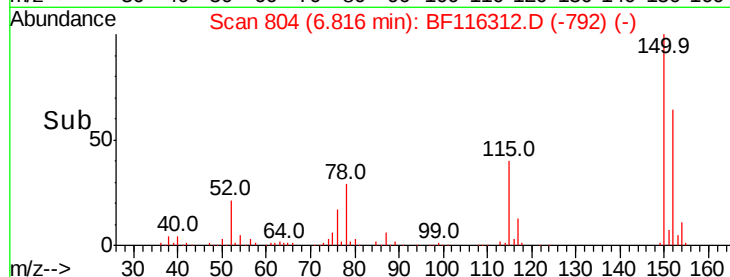
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E

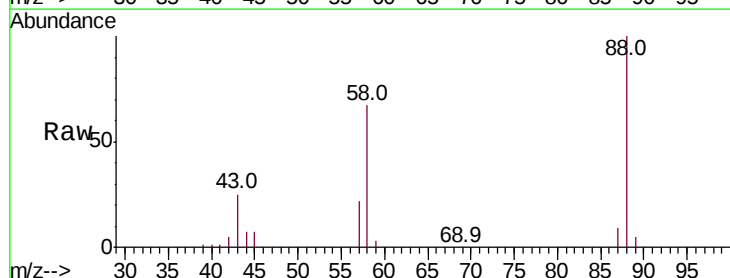
Time-->



#2

1,4-Dioxane
Concen: 40.255 ng
RT: 2.66 min Scan# 97
Delta R.T. 0.05 min
Lab File: BF116312.D
Acq: 16 Aug 2019 10:38

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.3	53.7	80.5
43	24.5	21.0	31.4



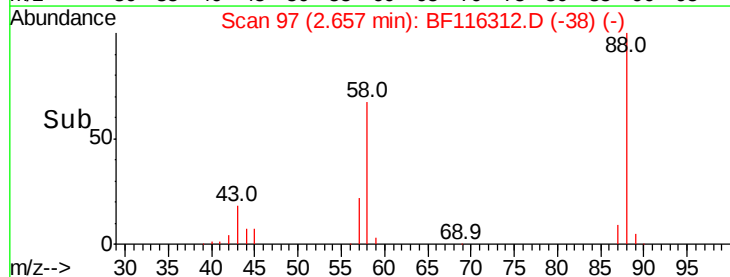
Abundance

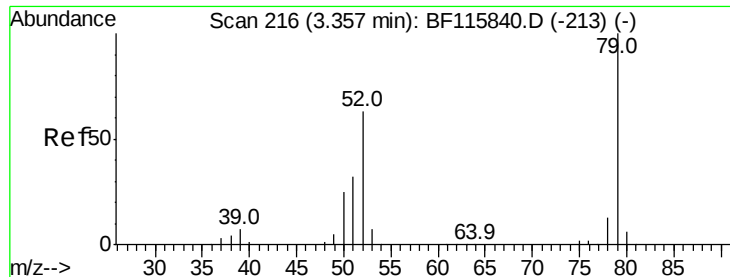
Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1

Time-->





#3

Pvridine

Concen: 33.054 ng

RT: 3.40 min Scan# 224

Delta R.T. 0.04 min

Lab File: BF116312.D

Acq: 16 Aug 2019 10:38

Instrument :

BNA_F

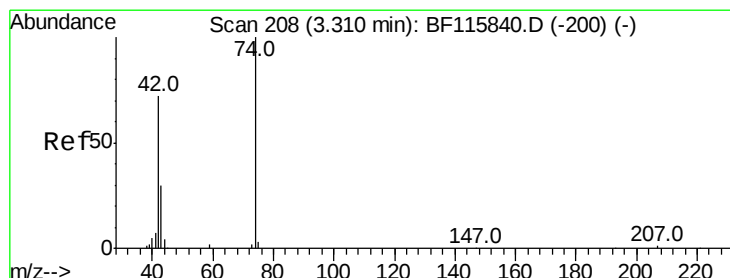
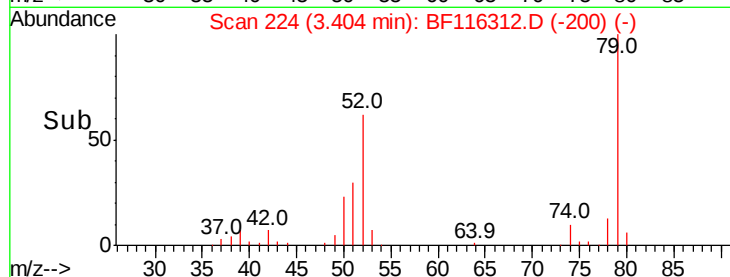
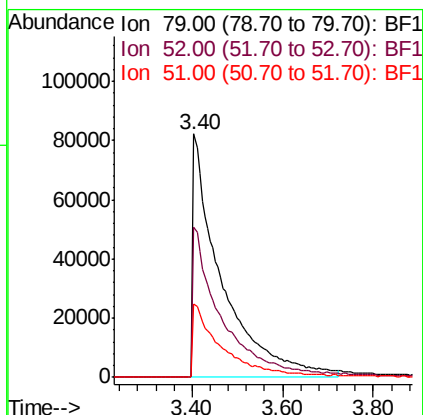
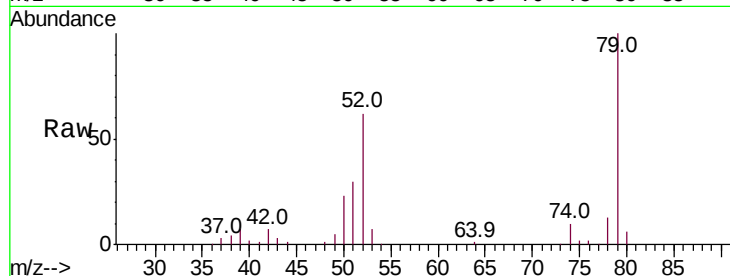
ClientSampleId :

PB122277BS

Tot Ion:	79	Resp:	356396
Ion Ratio	Lower	Upper	
79	100		
52	61.7	49.8	74.8
51	30.3	25.2	37.8

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#4

n-Nitrosodimethylamine

Concen: 39.025 ng

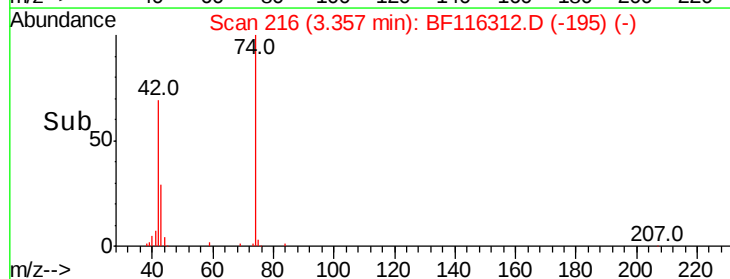
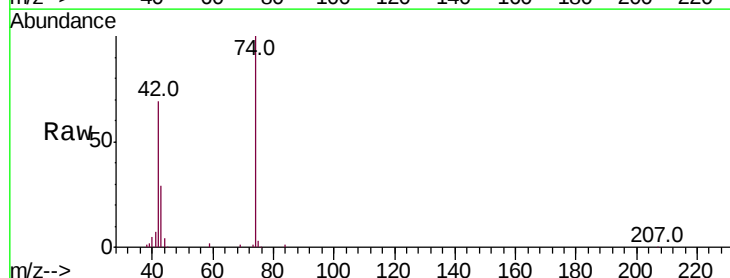
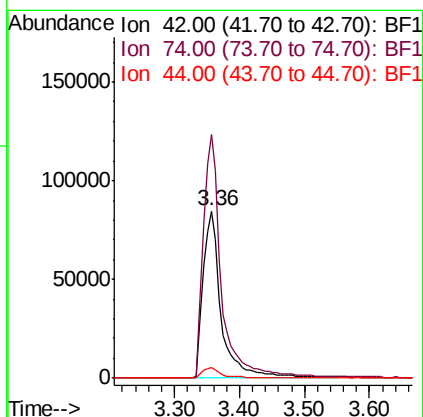
RT: 3.36 min Scan# 216

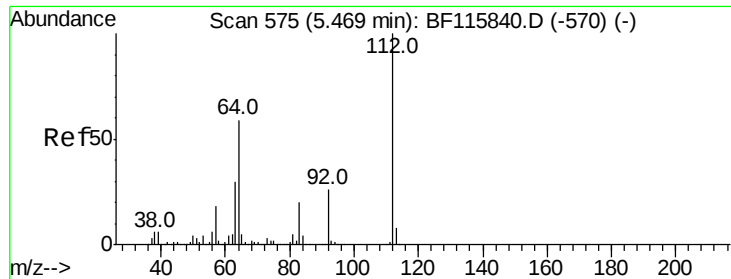
Delta R.T. 0.02 min

Lab File: BF116312.D

Acq: 16 Aug 2019 10:38

Tgt Ion:	42	Resp:	166051
Ion Ratio	Lower	Upper	
42	100		
74	145.7	116.0	174.0
44	6.5	4.6	7.0





#5

2-Fluorophenol

Concen: 118.778 ng

RT: 5.46 min Scan# 573

Delta R.T. -0.01 min

Lab File: BF116312.D

Acq: 16 Aug 2019 10:38

Instrument :

BNA_F

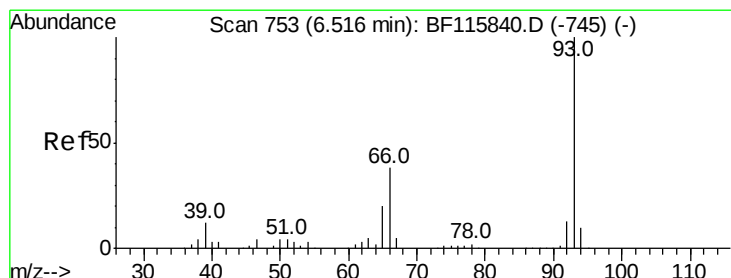
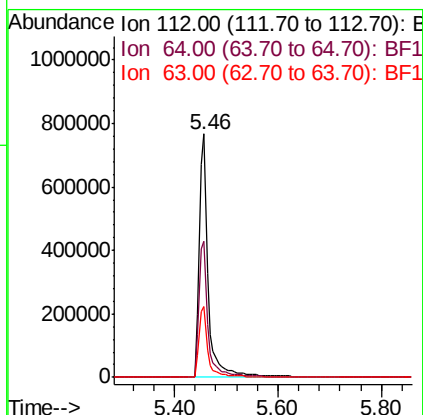
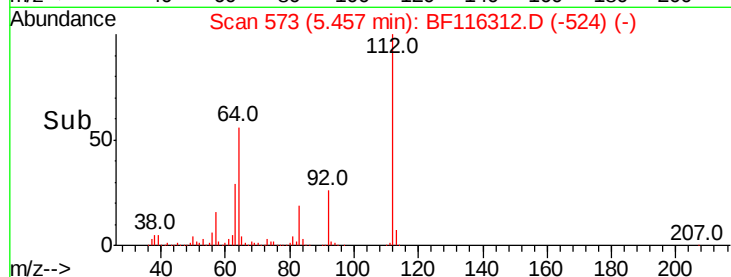
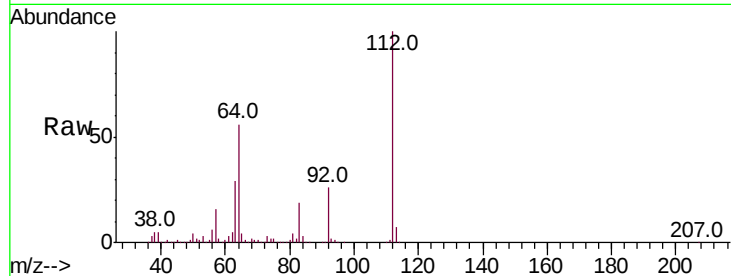
ClientSampleId :

PB122277BS

Tot Ion	Ratio	Resp	Lower	Upper
112	100	907506		
64	55.9	45.4	68.2	
63	28.9	23.7	35.5	

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#6

Aniline

Concen: 30.151 ng

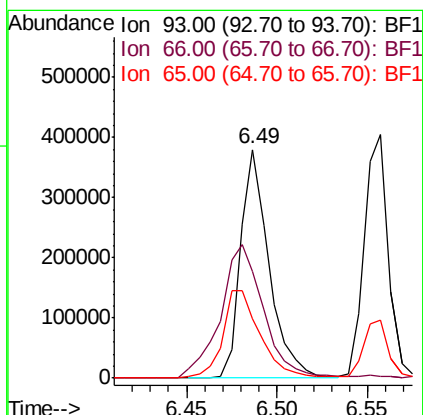
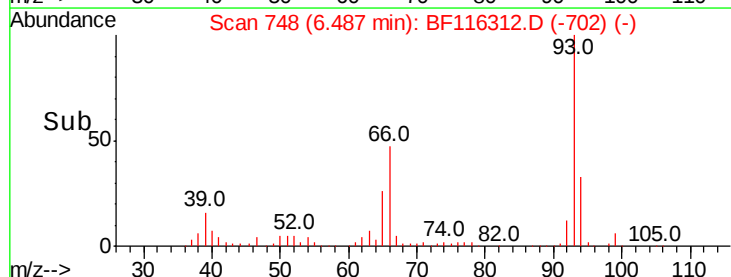
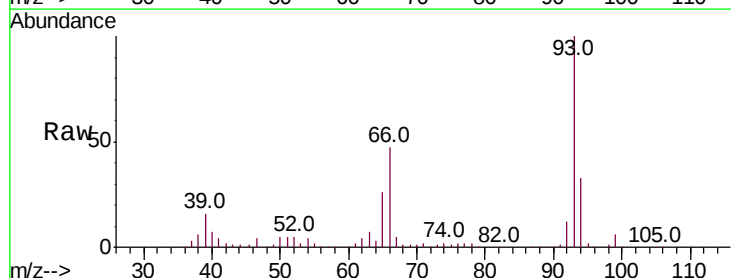
RT: 6.49 min Scan# 748

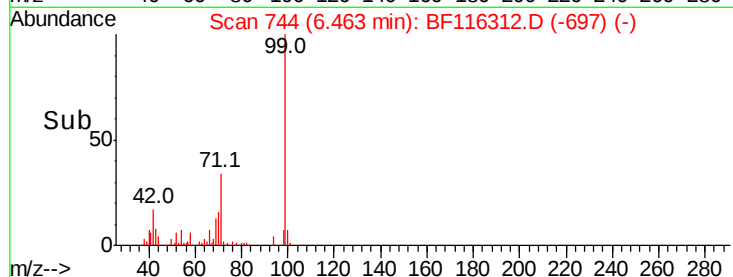
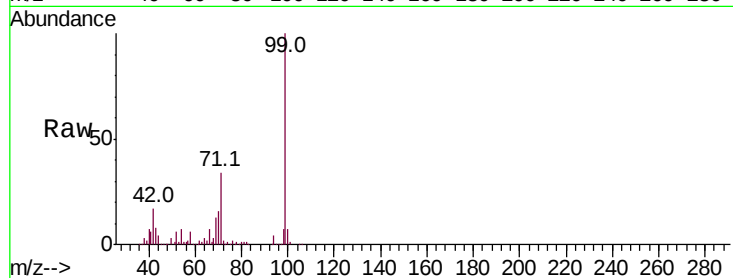
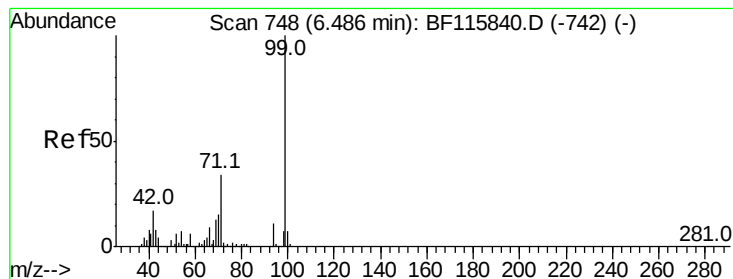
Delta R.T. -0.03 min

Lab File: BF116312.D

Acq: 16 Aug 2019 10:38

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	416239		
66	46.6	32.2	48.4	
65	25.8	17.0	25.6	





#7

Phenol-d6

Concen: 113.129 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.02 min

Lab File: BF116312.D

Acq: 16 Aug 2019 10:38

Tot Ion:	99	Resp:	1090524
Ion	Ratio	Lower	Upper
99	100		
42	17.2	13.8	20.8
71	34.3	27.3	40.9

Instrument :

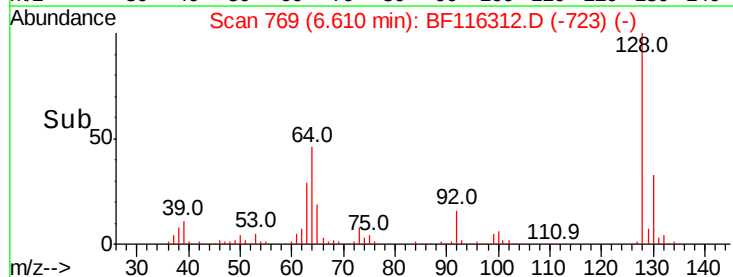
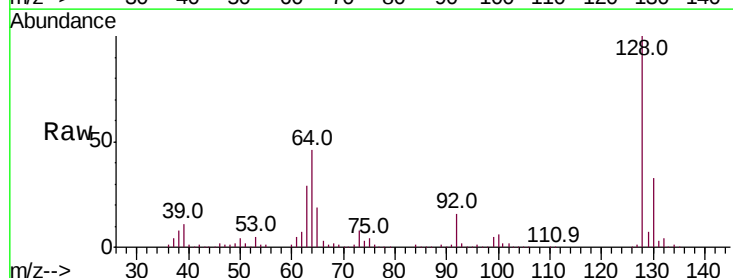
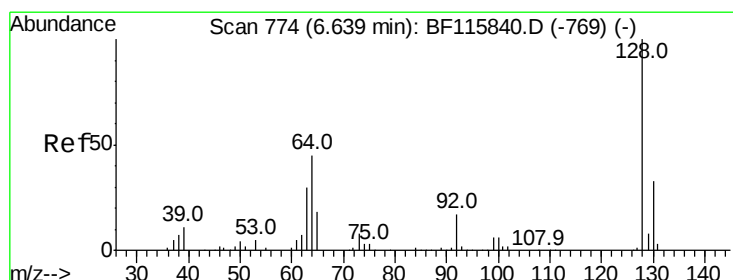
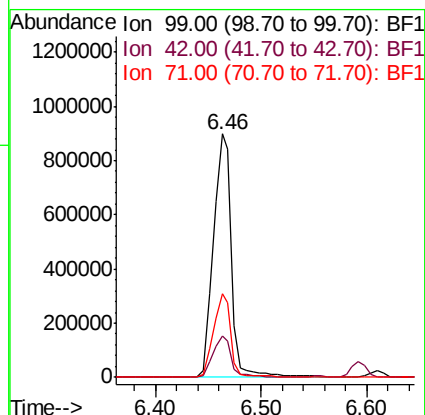
BNA_F

ClientSampleId :

PB122277BS

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#8

2-Chlorophenol

Concen: 45.641 ng

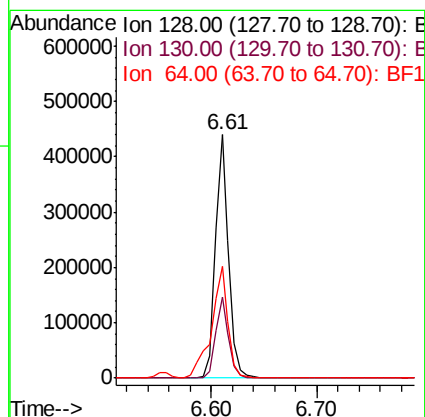
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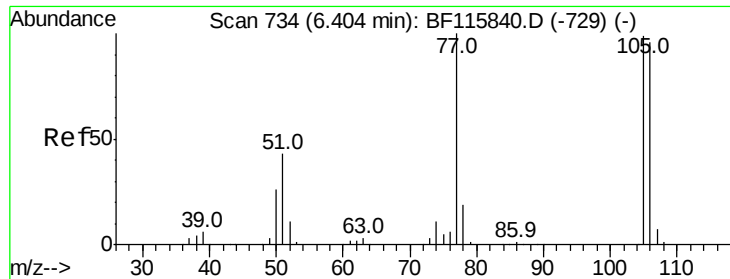
Delta R.T. -0.03 min

Lab File: BF116312.D

Acq: 16 Aug 2019 10:38

Tgt Ion:	128	Resp:	385610
Ion	Ratio	Lower	Upper
128	100		
130	33.3	12.9	52.9
64	45.7	24.3	64.3





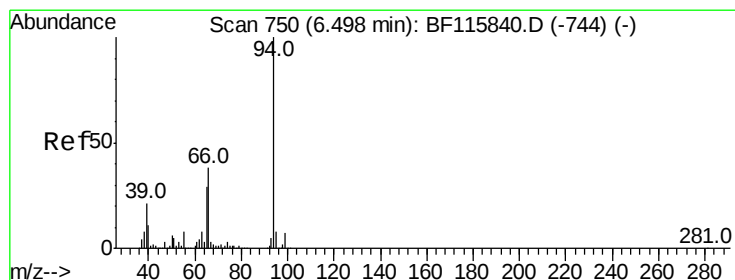
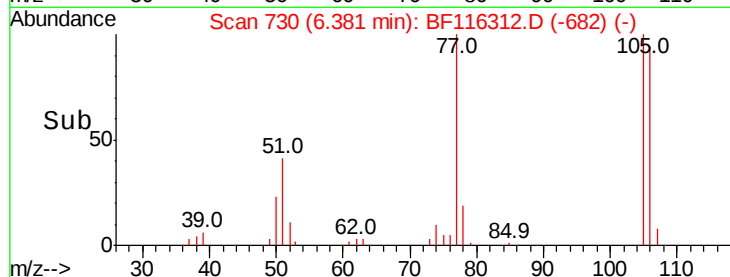
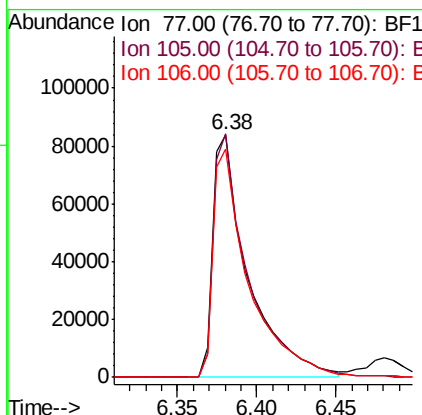
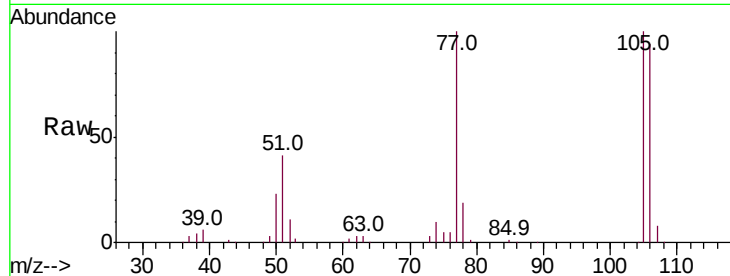
#9
Benzaldehyde
Concen: 19.451 ng
RT: 6.38 min Scan# 730
Delta R.T. -0.02 min
Lab File: BF116312.D
Acq: 16 Aug 2019 10:38

Instrument :
BNA_F
ClientSampleId :
PB122277BS

Tot Ion: 77 Resp: 129372
Ion Ratio Lower Upper
77 100
105 100.4 79.2 119.2
106 94.1 74.3 114.3

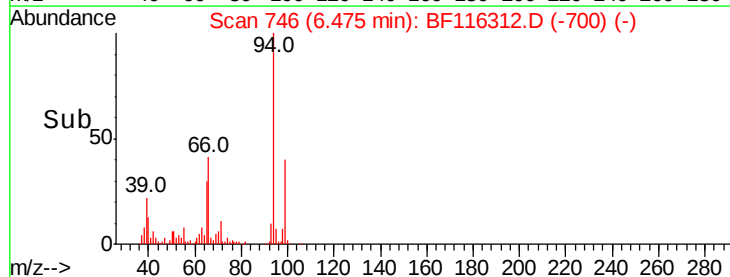
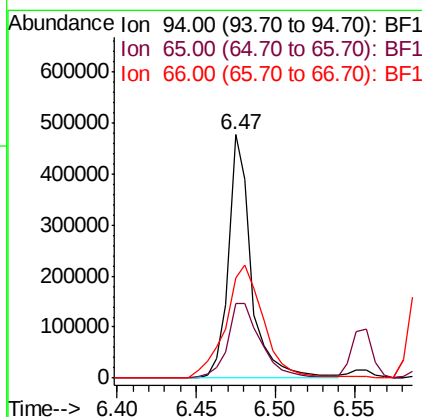
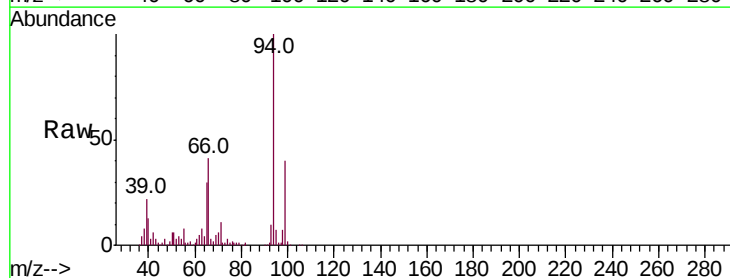
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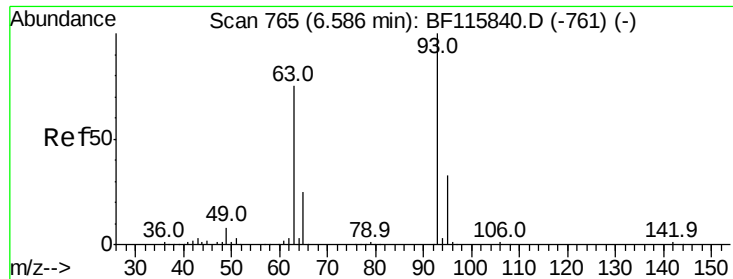
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#10
Phenol
Concen: 42.114 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.03 min
Lab File: BF116312.D
Acq: 16 Aug 2019 10:38

Tgt Ion: 94 Resp: 478061
Ion Ratio Lower Upper
94 100
65 30.5 16.8 56.8
66 41.0 34.2 74.2





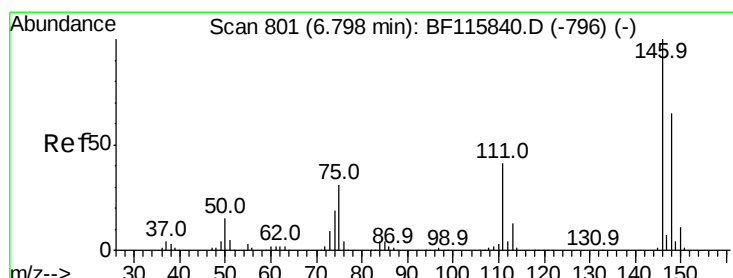
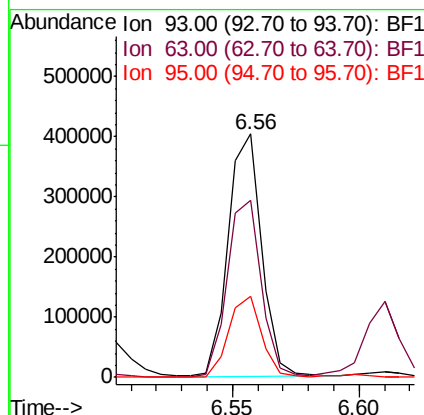
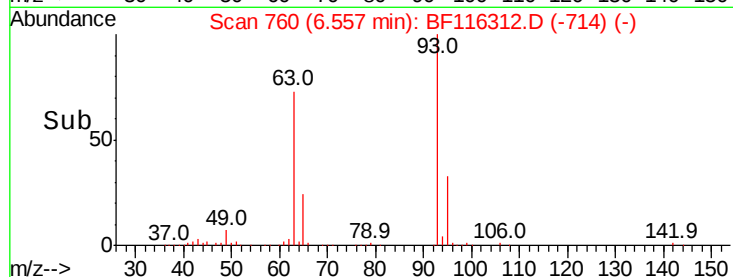
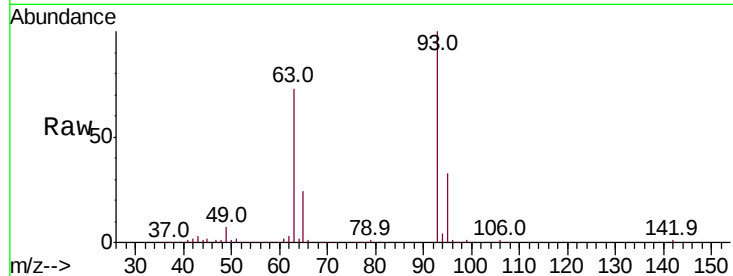
#11
bis(2-Chloroethyl)ether
Concen: 43.957 ng
RT: 6.56 min Scan# 760
Delta R.T. -0.03 min
Lab File: BF116312.D
Acq: 16 Aug 2019 10:38

Instrument :
BNA_F
ClientSampleID :
PB122277BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	72.5	51.9	91.9
95	33.4	13.0	53.0

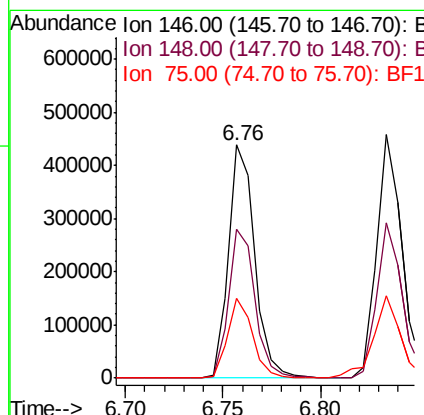
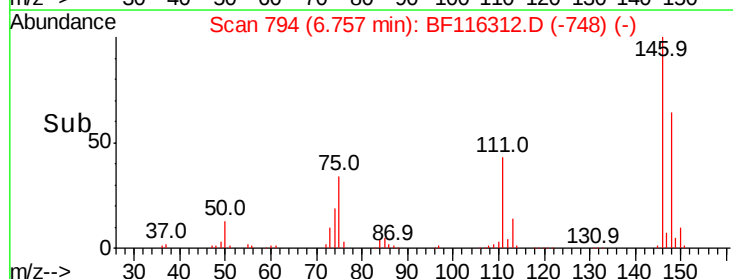
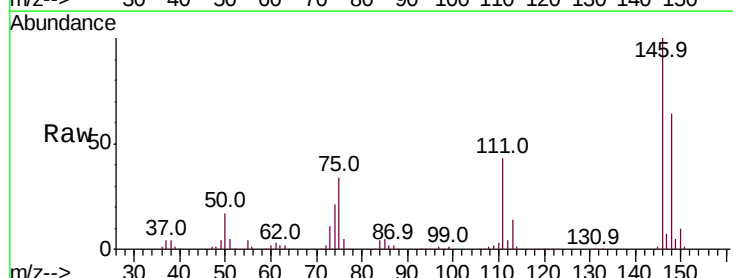
Manual Integrations
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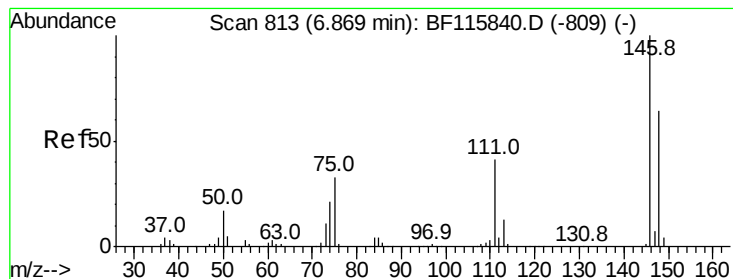
mohammad
8/20/2019 8:36:46 AM



#12
1,3-Dichlorobenzene
Concen: 42.081 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.03 min
Lab File: BF116312.D
Acq: 16 Aug 2019 10:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.3	76.9
75	34.4	27.4	41.2





#13

1,4-Dichlorobenzene

Concen: 43.271 ng

RT: 6.83 min Scan# 807

Delta R.T. -0.03 min

Lab File: BF116312.D

Acq: 16 Aug 2019 10:38

Instrument :

BNA_F

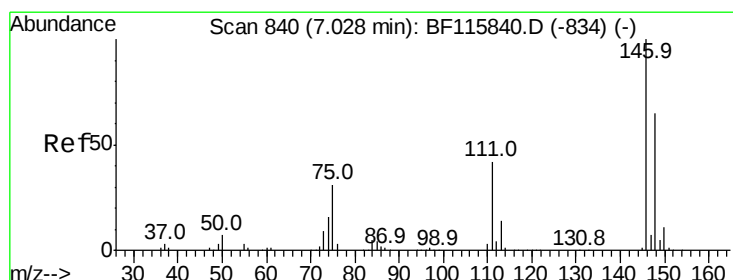
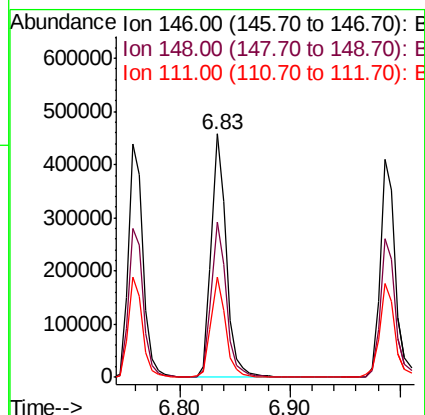
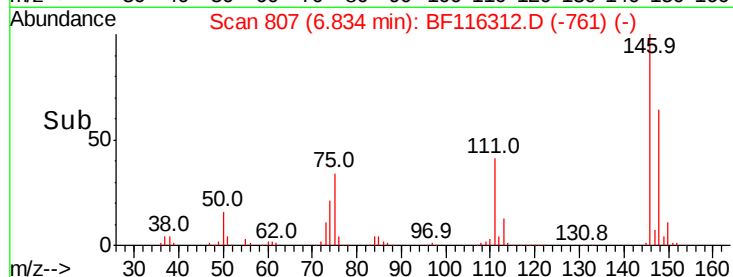
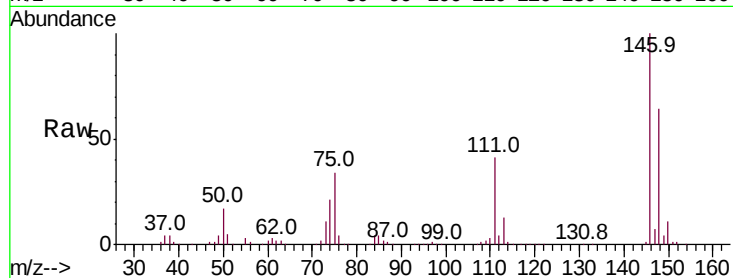
ClientSampleId :

PB122277BS

Tot Ion:	146	Resp:	423038
Ion Ratio	Lower	Upper	
146	100		
148	63.7	51.3	76.9
111	41.0	34.0	51.0

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#14

1,2-Dichlorobenzene

Concen: 43.461 ng

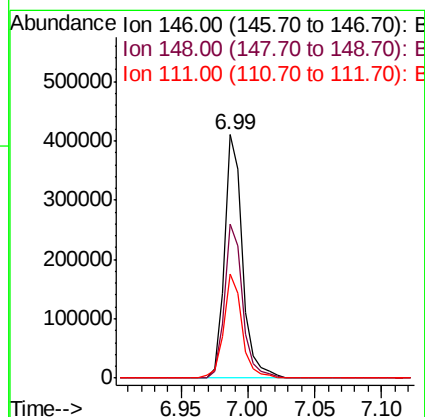
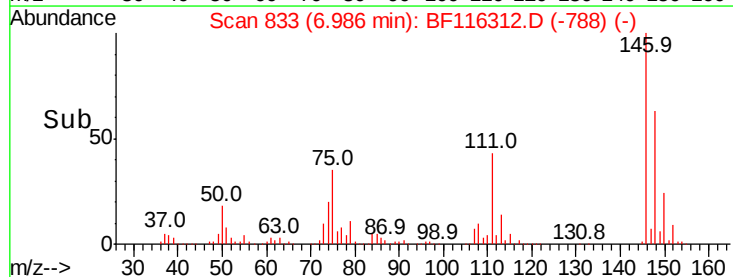
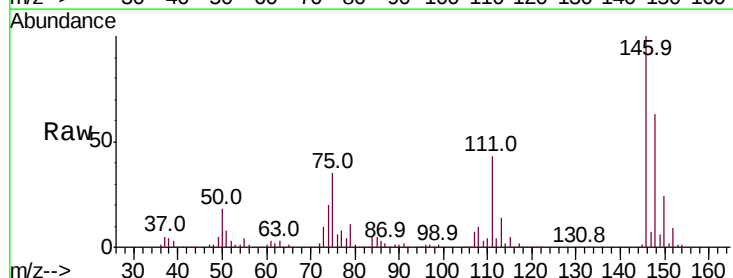
RT: 6.99 min Scan# 833

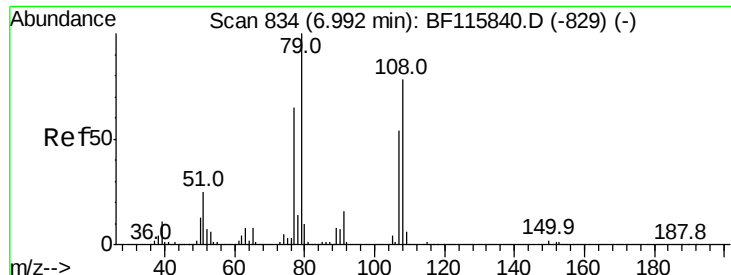
Delta R.T. -0.04 min

Lab File: BF116312.D

Acq: 16 Aug 2019 10:38

Tgt Ion:	146	Resp:	391235
Ion Ratio	Lower	Upper	
146	100		
148	63.4	51.2	76.8
111	43.0	33.5	50.3





#15

Benzyl Alcohol

Concen: 41.324 ng

RT: 6.97 min Scan# 830

Delta R.T. -0.02 min

Lab File: BF116312.D

Acq: 16 Aug 2019 10:38

Instrument :

BNA_F

ClientSampleId :

PB122277BS

Tot Ion: 79 Resp: 302306

Ion Ratio Lower Upper

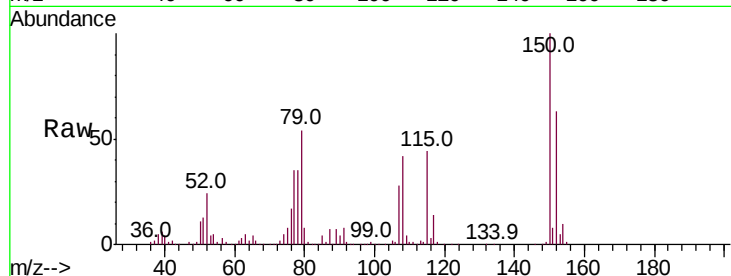
79 100

108 78.2 62.7 94.1

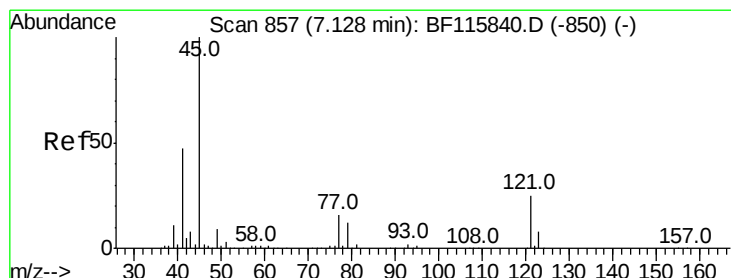
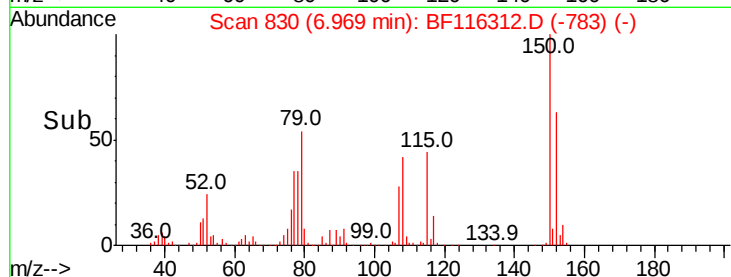
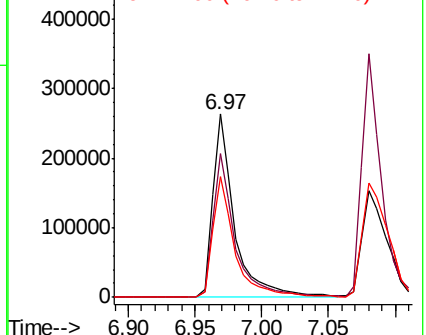
77 65.9 52.2 78.2

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Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 42.948 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.03 min

Lab File: BF116312.D

Acq: 16 Aug 2019 10:38

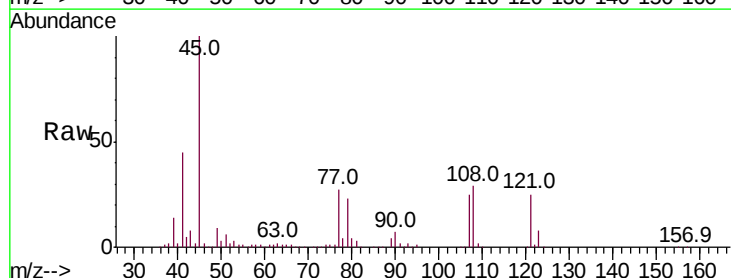
Tgt Ion: 45 Resp: 488908

Ion Ratio Lower Upper

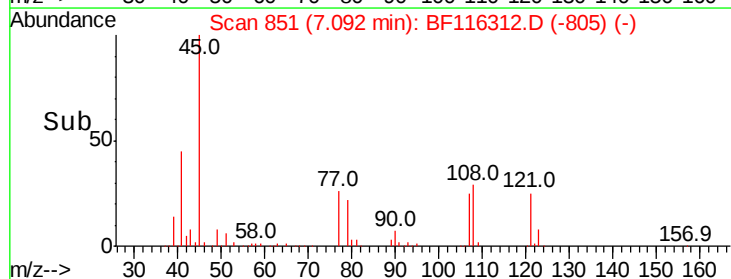
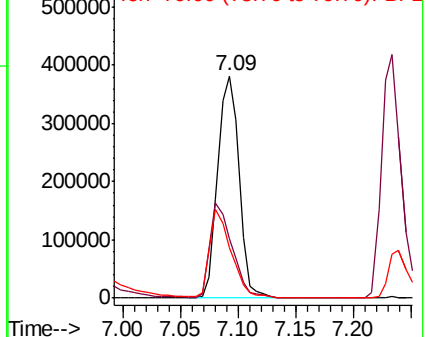
45 100

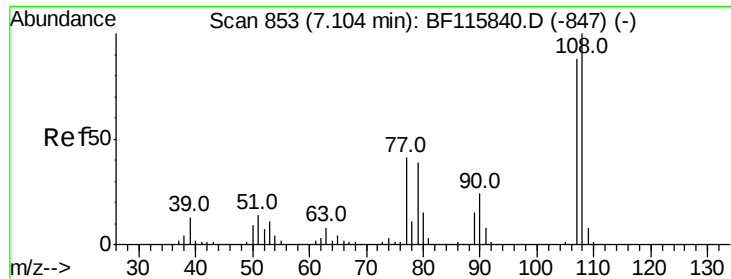
77 27.0 0.0 40.0

79 22.7 0.0 35.9



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 43.796 ng

RT: 7.08 min Scan# 849

Delta R.T. -0.02 min

Lab File: BF116312.D

Acq: 16 Aug 2019 10:38

Instrument :

BNA_F

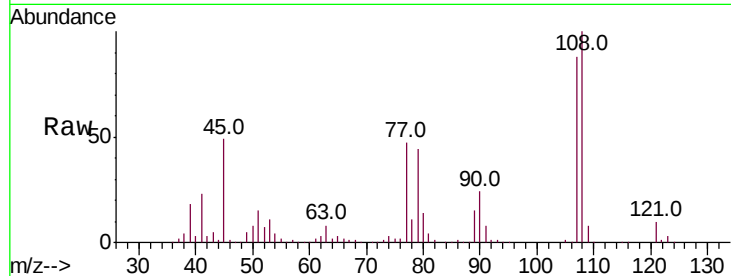
ClientSampleId :

PB122277BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.2	91.2	136.8	
77	53.4	40.3	60.5	
79	50.0	37.6	56.4	

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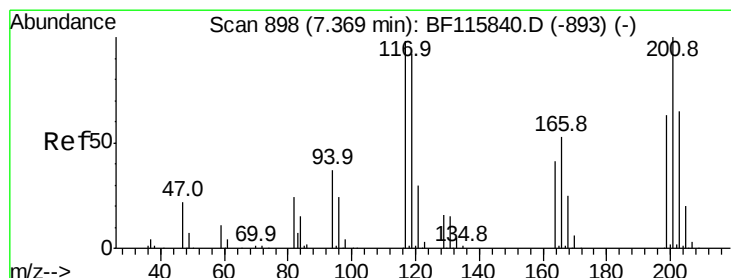
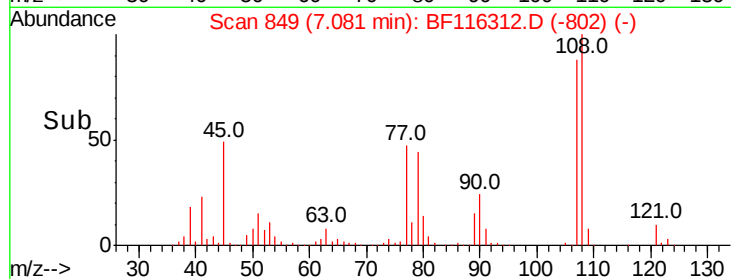
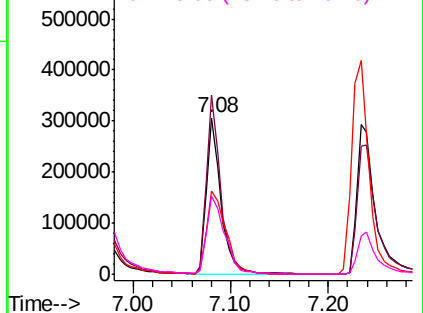
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 43.136 ng

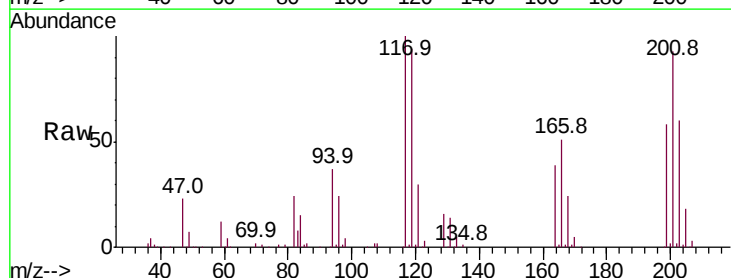
RT: 7.32 min Scan# 890

Delta R.T. -0.04 min

Lab File: BF116312.D

Acq: 16 Aug 2019 10:38

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.1	76.1	114.1	
201	93.4	77.0	115.4	

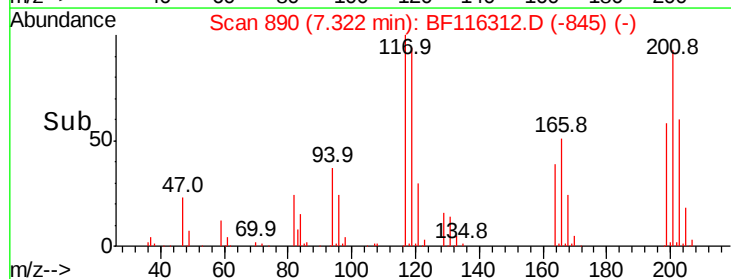
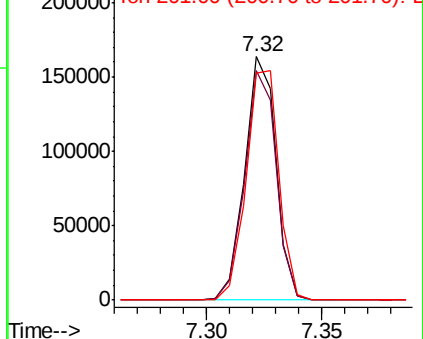


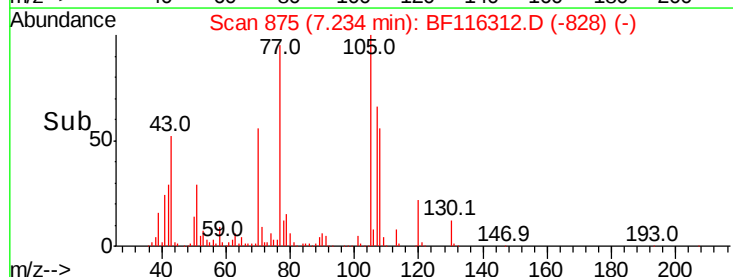
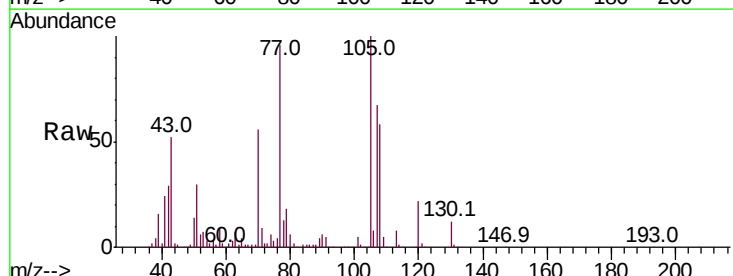
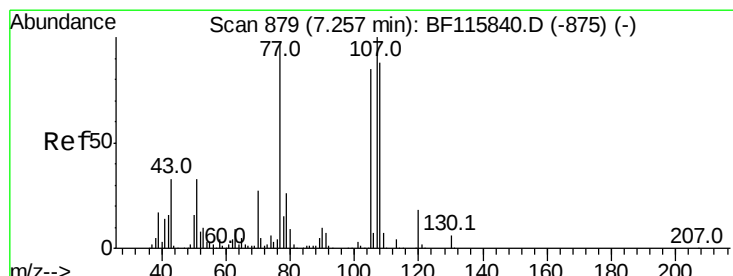
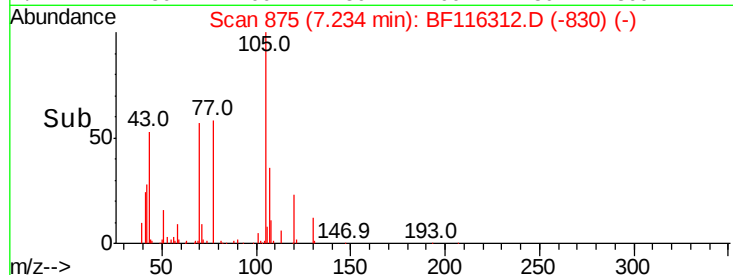
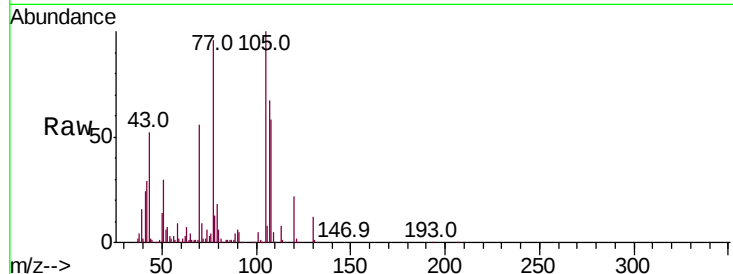
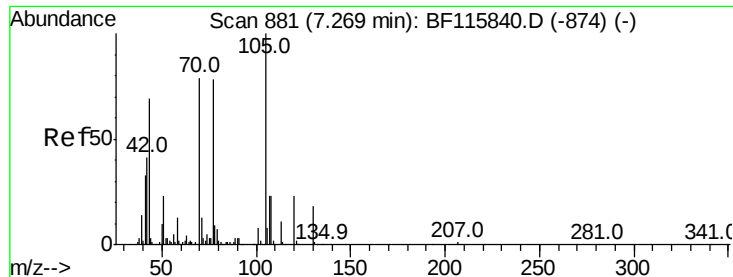
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





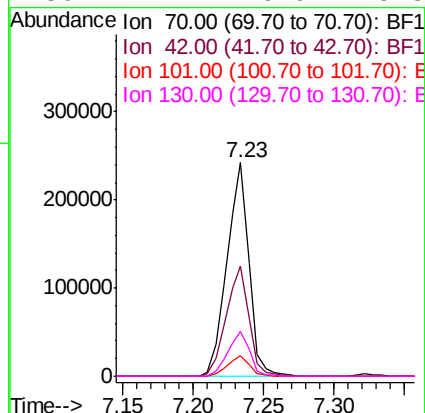
#19
n-Nitroso-di-n-propylamine
Concen: 43.859 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.04 min
Lab File: BF116312.D
Acq: 16 Aug 2019 10:38

Instrument :
BNA_F
ClientSampleId :
PB122277BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		261989		
42	51.5	40.9	61.3		
101	9.5	7.9	11.9		
130	21.1	16.9	25.3		

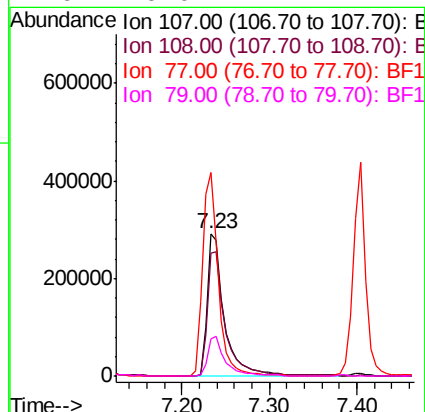
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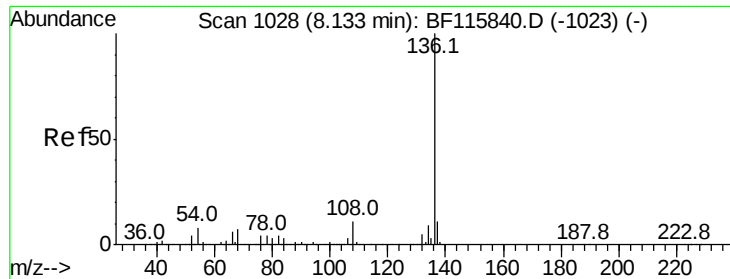
mohammad
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#20
3+4-Methylphenols
Concen: 46.941 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.02 min
Lab File: BF116312.D
Acq: 16 Aug 2019 10:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		397390		
108	86.0	67.6	107.6		
77	143.0	104.4	144.4		
79	26.0	7.4	47.4		





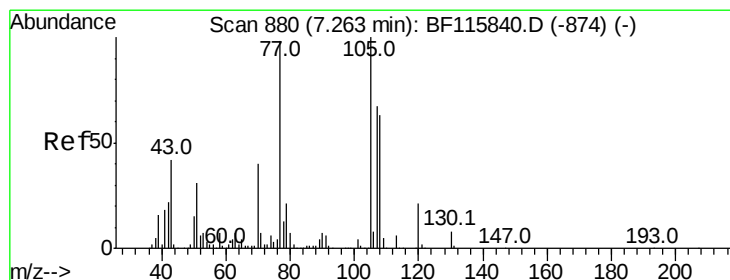
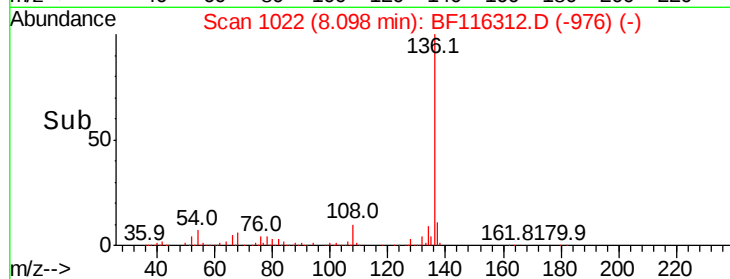
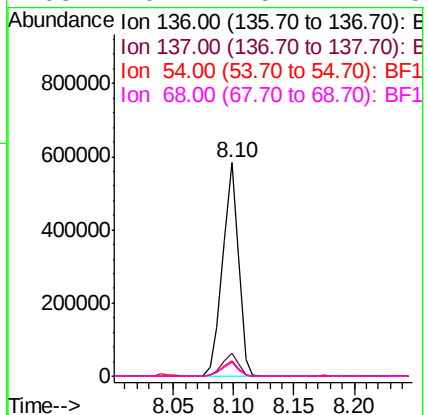
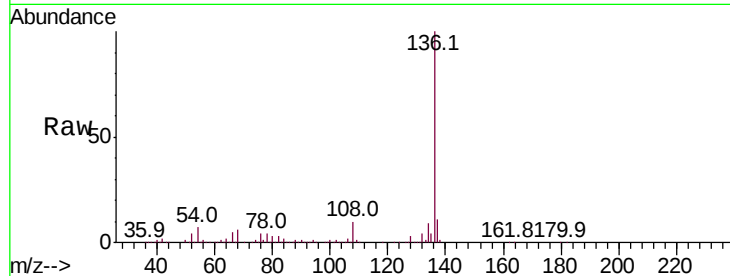
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.03 min
Lab File: BF116312.D
Acq: 16 Aug 2019 10:38

Instrument :
BNA_F
ClientSampleId :
PB122277BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	531253		
137	11.0		9.0	13.4
54	6.9		5.8	8.6
68	6.4		5.2	7.8

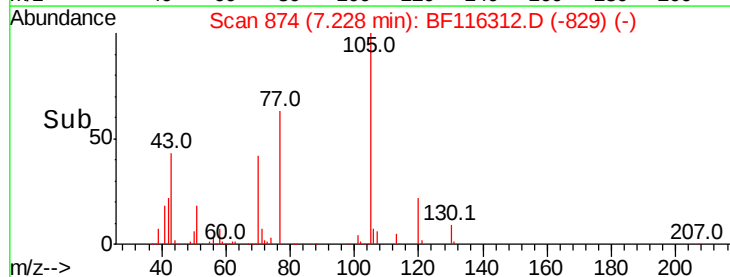
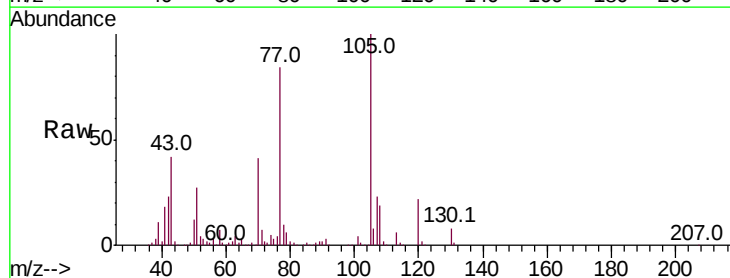
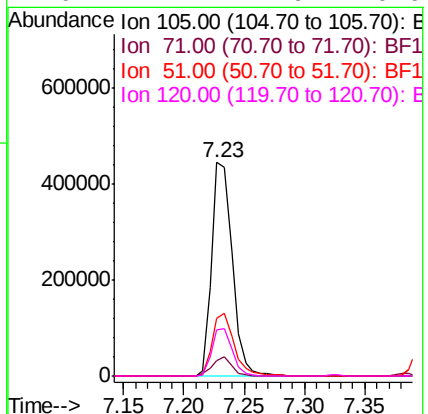
Manual Integrations
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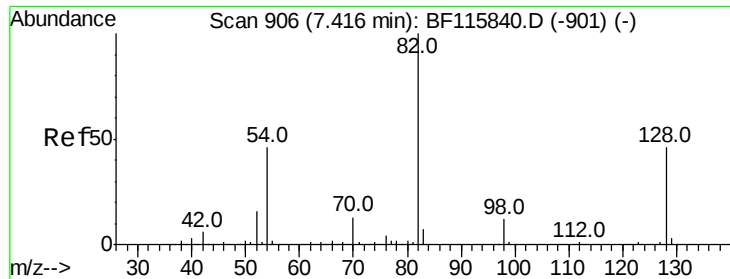
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#22
Acetophenone
Concen: 44.708 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.04 min
Lab File: BF116312.D
Acq: 16 Aug 2019 10:38

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	520894		
71	7.0		5.9	8.9
51	26.8		25.3	37.9
120	21.7		17.9	26.9





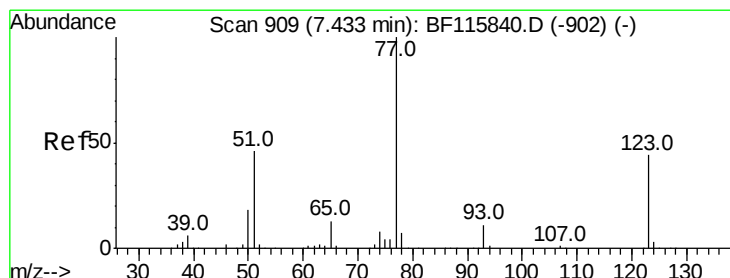
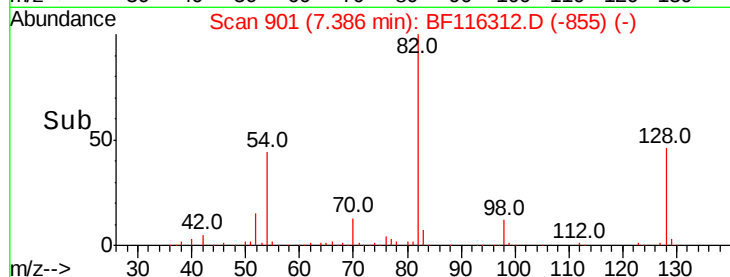
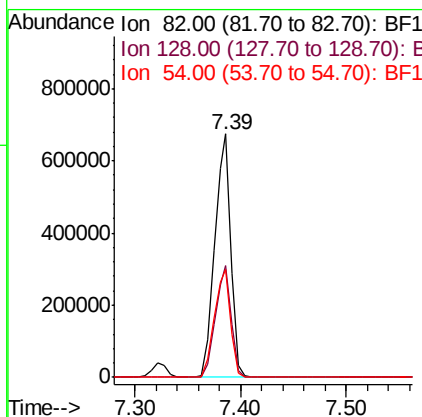
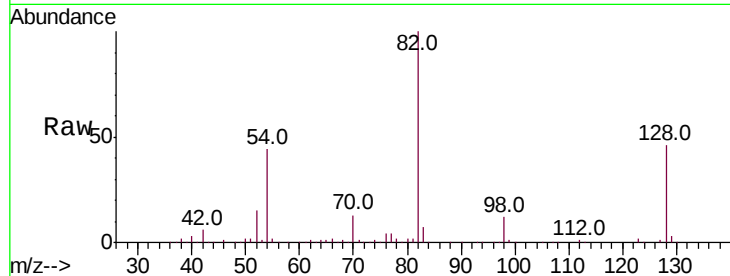
#23
Nitrobenzene-d5
Concen: 79.028 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.03 min
Lab File: BF116312.D
Acq: 16 Aug 2019 10:38

Instrument :
BNA_F
ClientSampleId :
PB122277BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	727332		
128	46.1	36.5	54.7	
54	44.3	36.0	54.0	

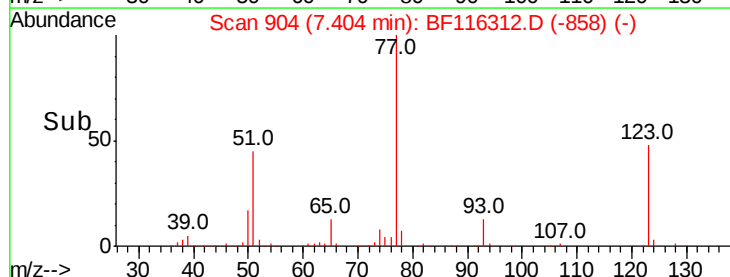
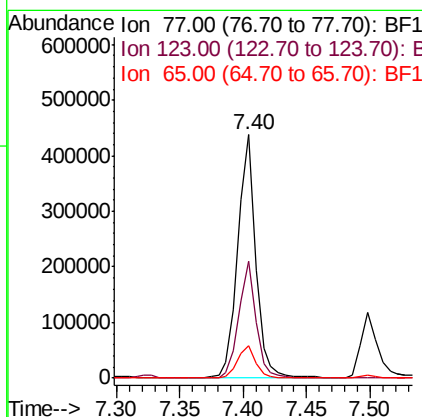
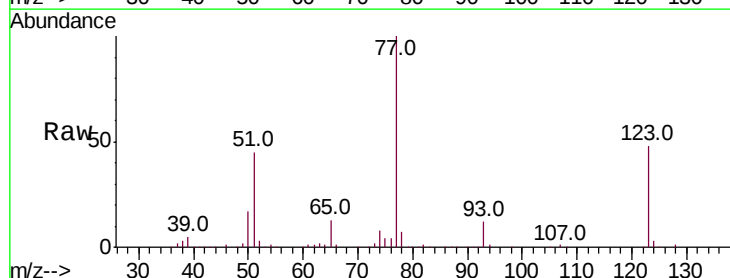
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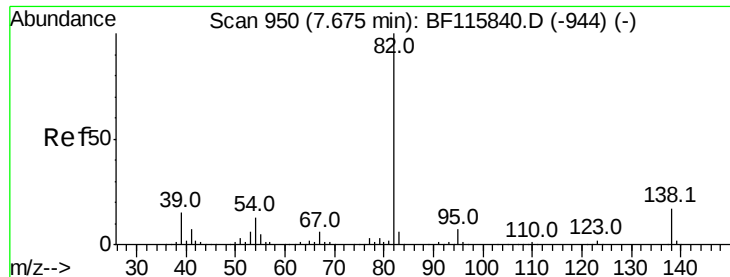
mohammad
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#24
Nitrobenzene
Concen: 42.957 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.03 min
Lab File: BF116312.D
Acq: 16 Aug 2019 10:38

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	426888		
123	48.0	36.7	55.1	
65	13.4	10.6	16.0	





#25

Isophorone

Concen: 43.933 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.04 min

Lab File: BF116312.D

Acq: 16 Aug 2019 10:38

Instrument :

BNA_F

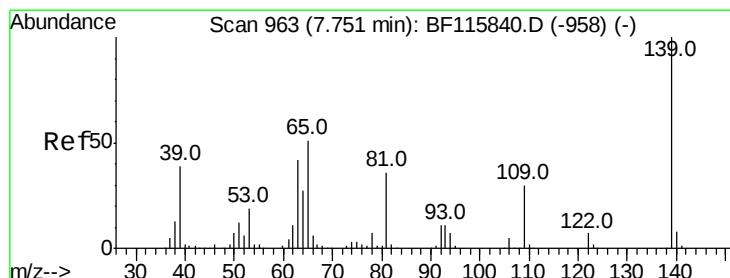
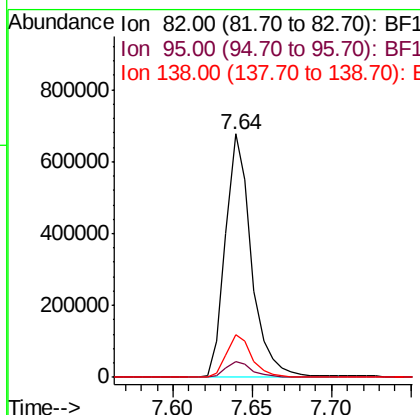
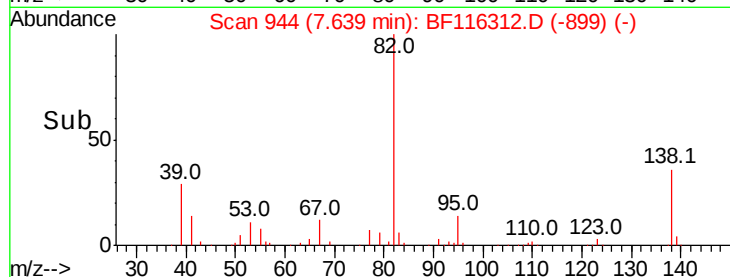
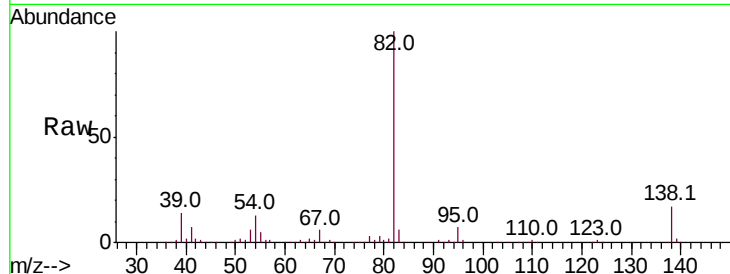
ClientSampleId :

PB122277BS

Tot Ion:	82	Resp:	773150
Ion Ratio	Lower	Upper	
82	100		
95	6.6	5.4	8.0
138	17.3	14.5	21.7

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#26

2-Nitrophenol

Concen: 44.427 ng

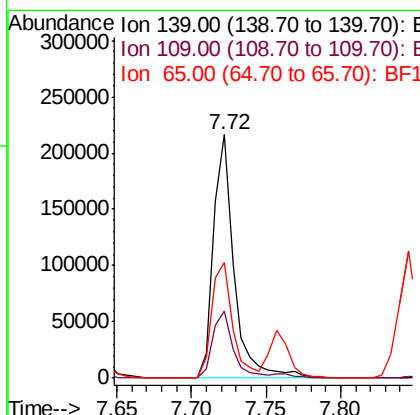
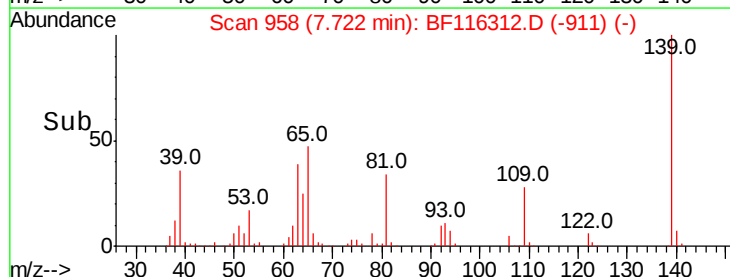
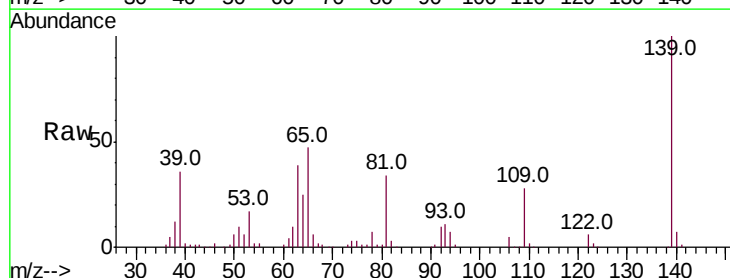
RT: 7.72 min Scan# 958

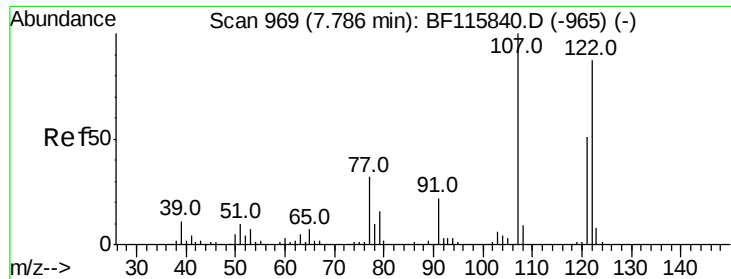
Delta R.T. -0.02 min

Lab File: BF116312.D

Acq: 16 Aug 2019 10:38

Tgt Ion:	139	Resp:	208114
Ion Ratio	Lower	Upper	
139	100		
109	27.7	23.4	35.2
65	47.4	41.1	61.7





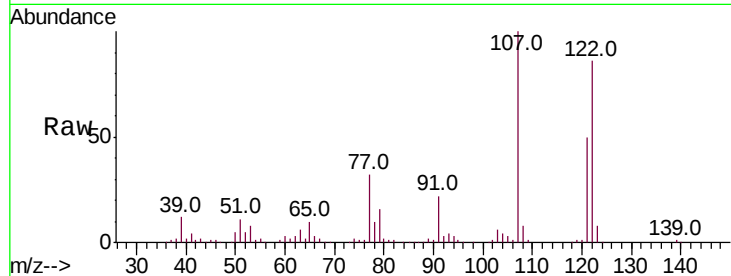
#27
 2,4-Dimethylphenol
 Concen: 48.122 ng
 RT: 7.76 min Scan# 964
 Delta R.T. -0.03 min
 Lab File: BF116312.D
 Acq: 16 Aug 2019 10:38

Instrument :
 BNA_F
 ClientSampleId :
 PB122277BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	339146		
107	115.6	93.0	139.6	
121	58.1	47.6	71.4	

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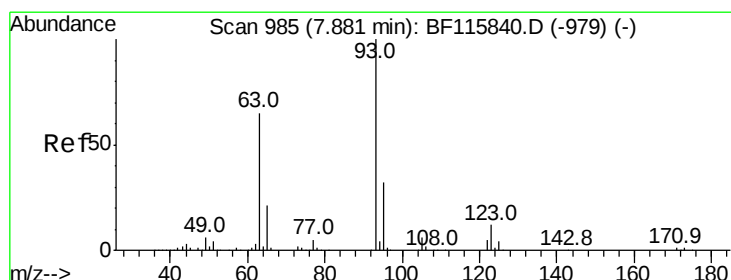
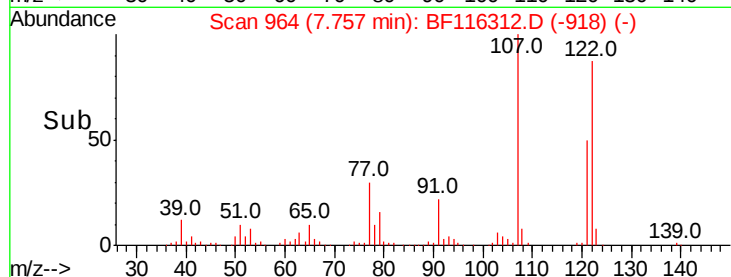
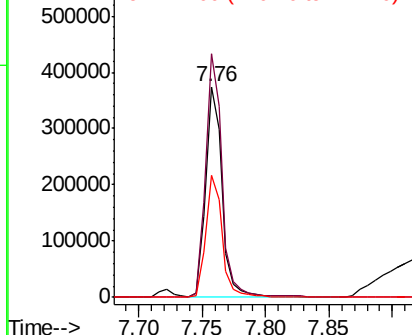


Abundance

Ion 122.00 (121.70 to 122.70): E

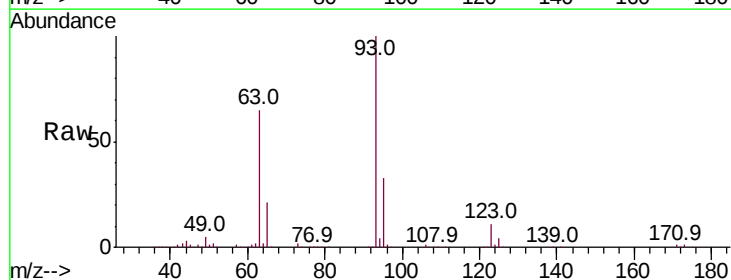
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.579 ng
 RT: 7.85 min Scan# 979
 Delta R.T. -0.03 min
 Lab File: BF116312.D
 Acq: 16 Aug 2019 10:38

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	475347		
95	33.0	26.2	39.4	
123	11.2	9.2	13.8	

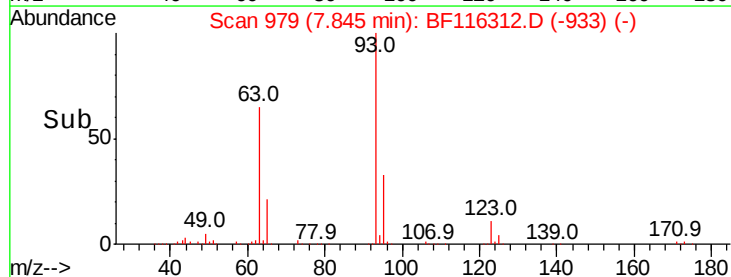
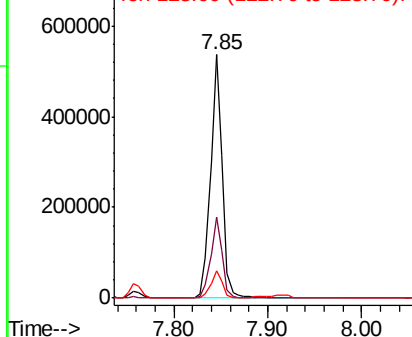


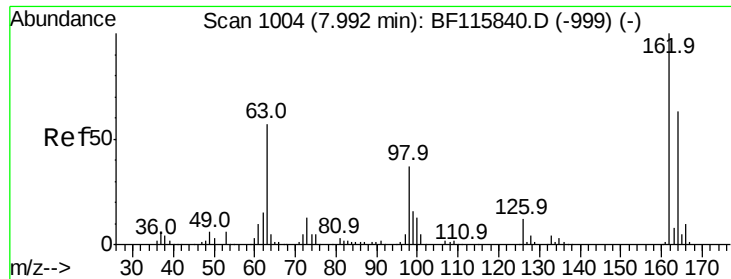
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





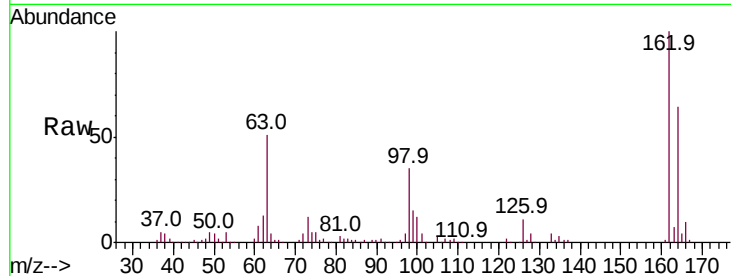
#29
 2,4-Dichlorophenol
 Concen: 44.354 ng
 RT: 7.97 min Scan# 1000
 Delta R.T. -0.02 min
 Lab File: BF116312.D
 Acq: 16 Aug 2019 10:38

Instrument :
 BNA_F
 ClientSampleId :
 PB122277BS

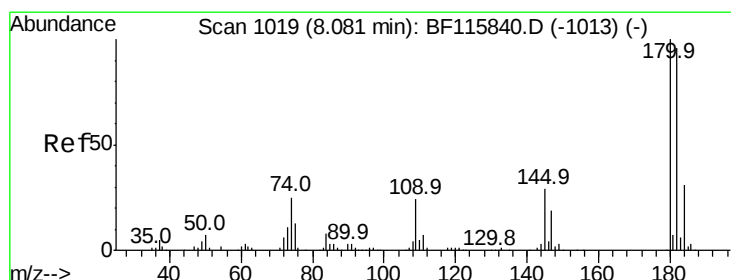
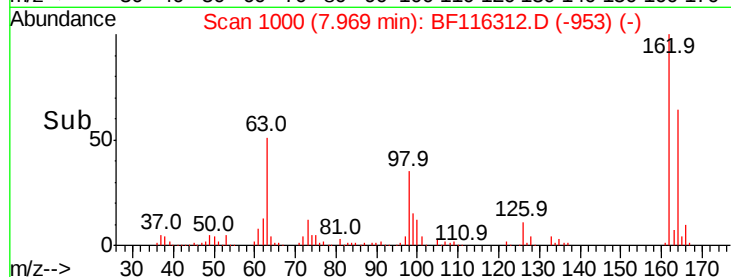
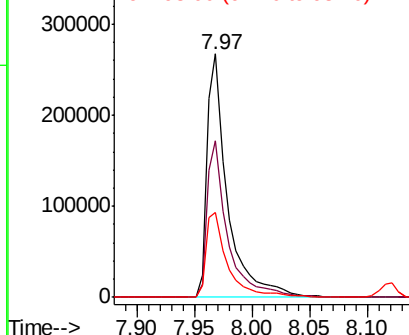
Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.3	45.1	85.1
98	34.8	15.8	55.8

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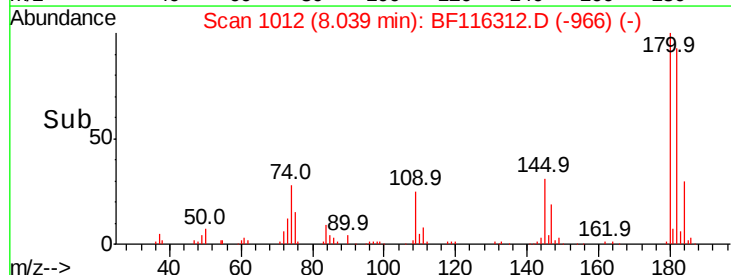
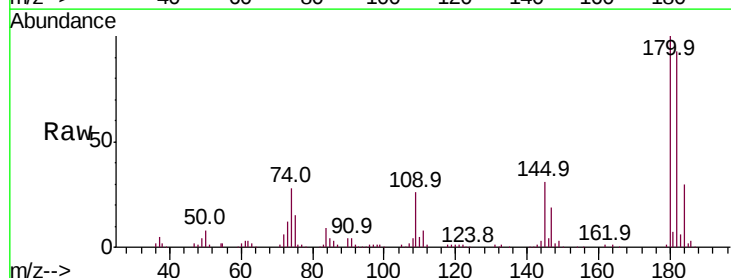
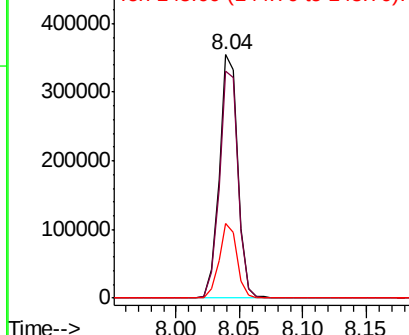
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

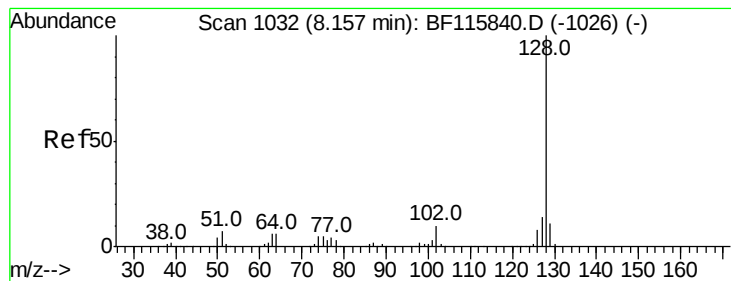


#30
 1,2,4-Trichlorobenzene
 Concen: 42.674 ng
 RT: 8.04 min Scan# 1012
 Delta R.T. -0.03 min
 Lab File: BF116312.D
 Acq: 16 Aug 2019 10:38

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	93.1	75.7	113.5
145	30.5	24.3	36.5

Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 44.430 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.03 min

Lab File: BF116312.D

Acq: 16 Aug 2019 10:38

Instrument :

BNA_F

ClientSampleId :

PB122277BS

Tot Ion:128 Resp: 1110722

Ion Ratio Lower Upper

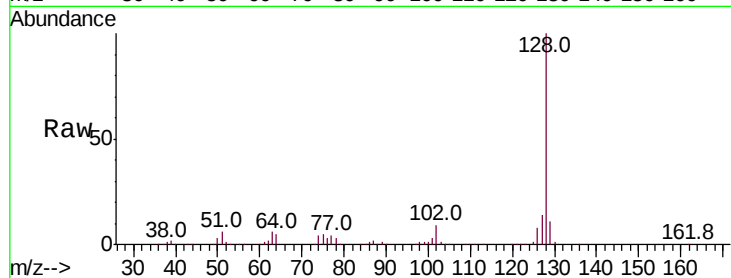
128 100

129 11.4 9.3 13.9

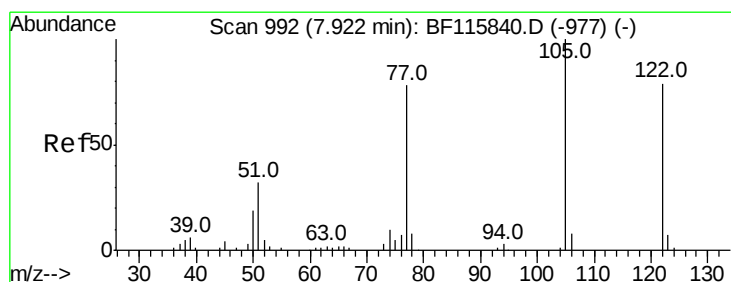
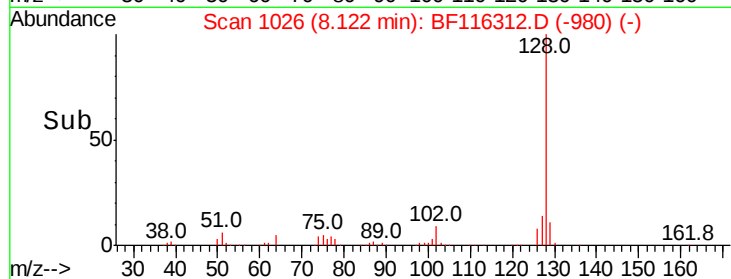
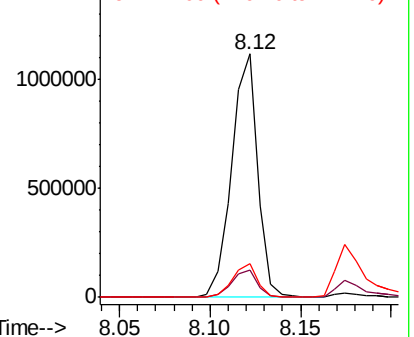
127 13.7 11.4 17.0

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Abundance Ion 128.00 (127.70 to 128.70): E
1500000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 34.807 ng

RT: 7.92 min Scan# 992

Delta R.T. -0.02 min

Lab File: BF116312.D

Acq: 16 Aug 2019 10:38

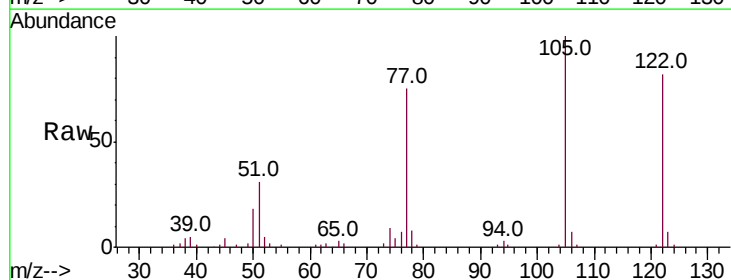
Tgt Ion:122 Resp: 172947

Ion Ratio Lower Upper

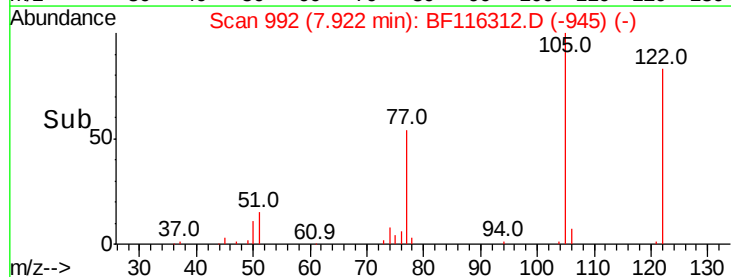
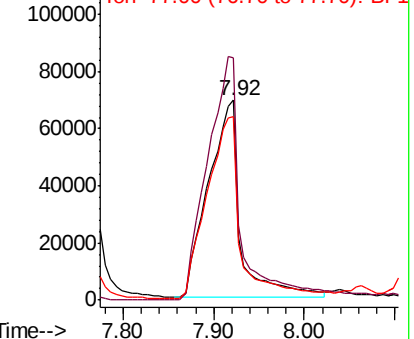
122 100

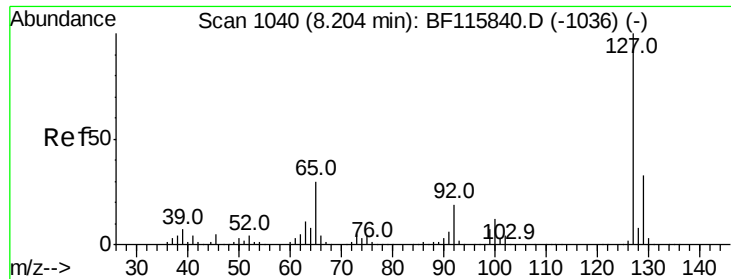
105 121.6 106.1 146.1

77 91.8 76.7 116.7



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





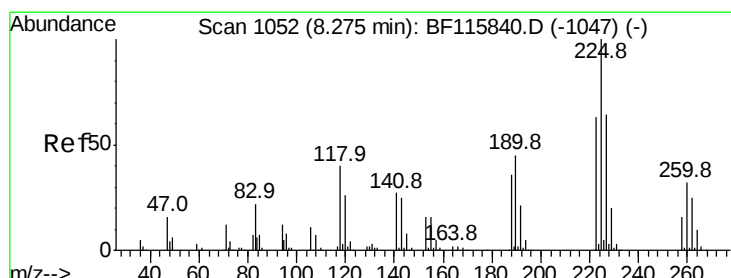
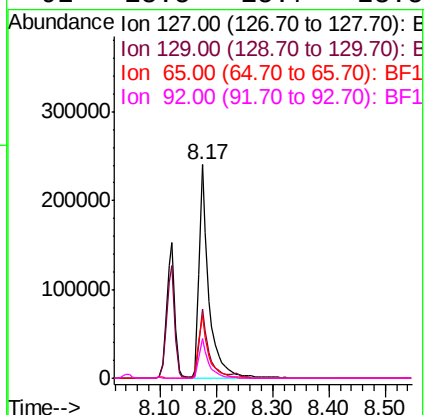
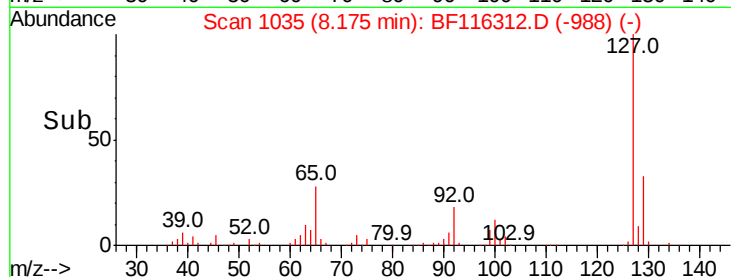
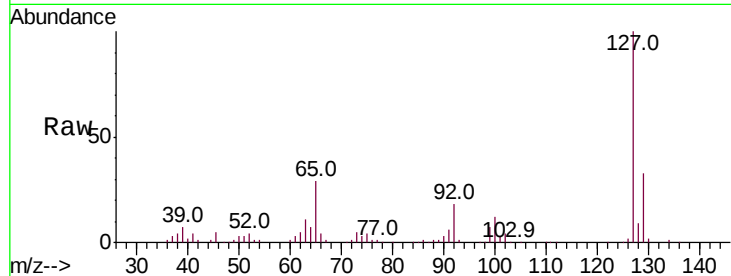
#33
4-Chloroaniline
Concen: 25.910 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.02 min
Lab File: BF116312.D
Acq: 16 Aug 2019 10:38

Instrument :
BNA_F
ClientSampleId :
PB122277BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		289418		
129	32.6	26.1	39.1		
65	29.2	24.9	37.3		
92	18.5	15.7	23.5		

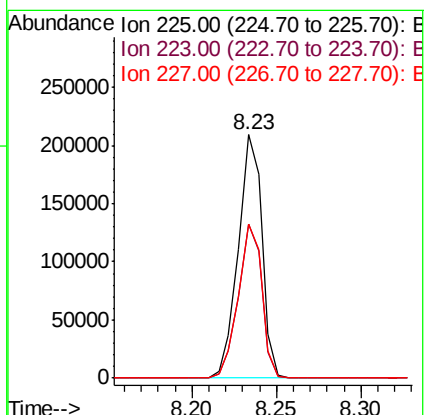
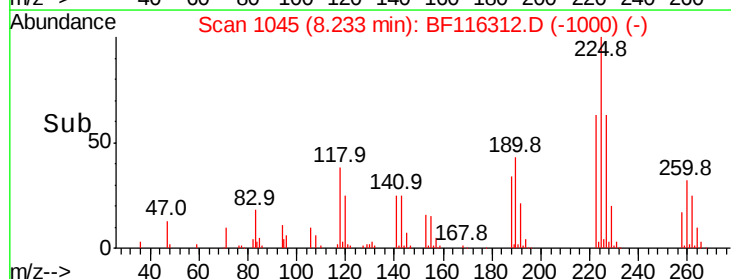
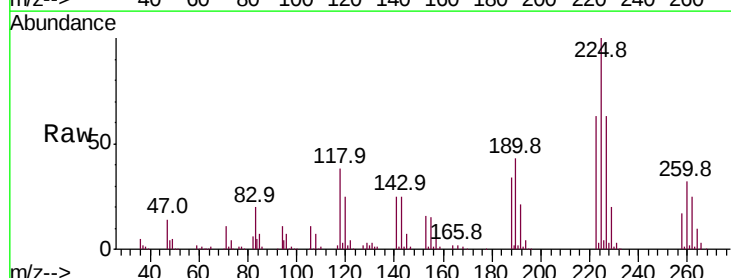
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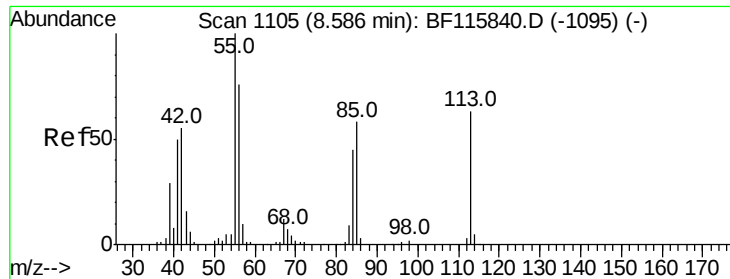
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#34
Hexachlorobutadiene
Concen: 41.934 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.04 min
Lab File: BF116312.D
Acq: 16 Aug 2019 10:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		204885		
223	63.4	50.0	75.0		
227	63.4	51.0	76.4		





#35

Caprolactam

Concen: 40.631 ng/mL

RT: 8.55 min Scan# 1098

Delta R.T. -0.05 min

Lab File: BF116312.D

Acq: 16 Aug 2019 10:38

Instrument :

BNA_F

ClientSampleID :

PB122277BS

Tot Ion: 113 Resp: 97787

Ion Ratio Lower Upper

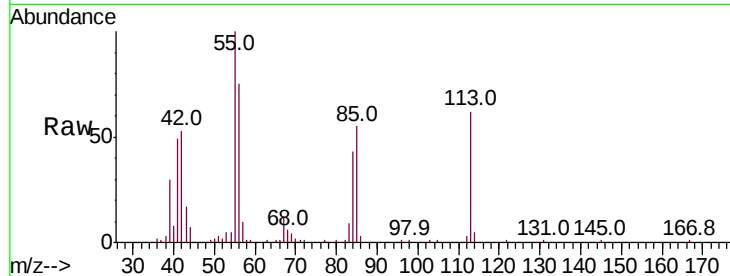
113 100

55 161.2 144.3 184.3

56 121.6 97.1 137.1

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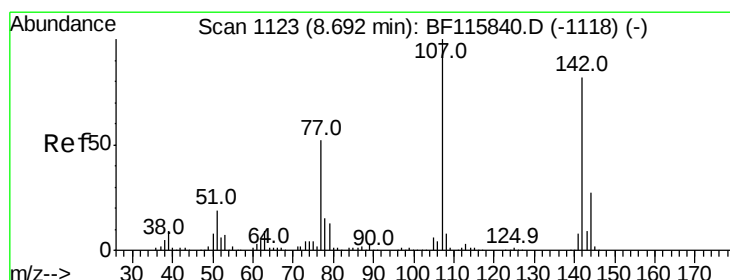
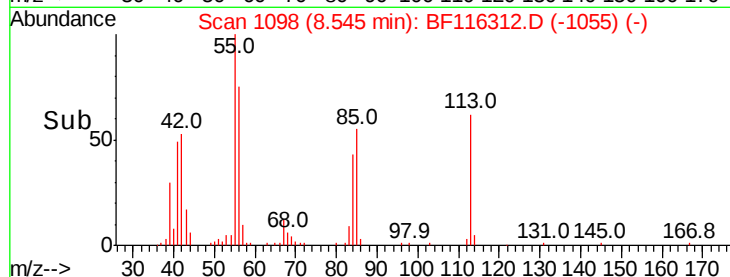
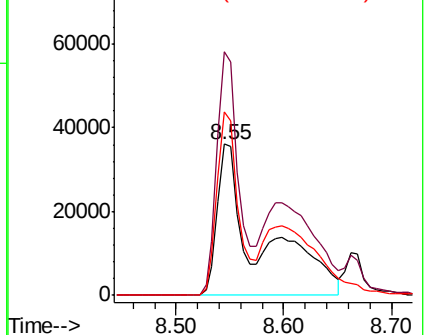
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 43.614 ng/mL

RT: 8.67 min Scan# 1119

Delta R.T. -0.02 min

Lab File: BF116312.D

Acq: 16 Aug 2019 10:38

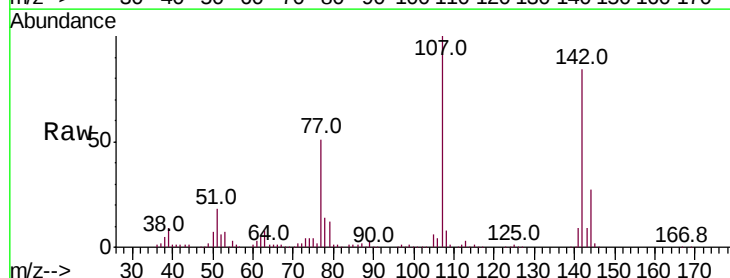
Tgt Ion: 107 Resp: 337635

Ion Ratio Lower Upper

107 100

144 27.0 20.2 30.2

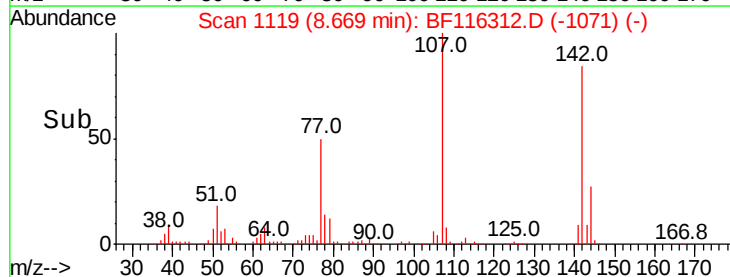
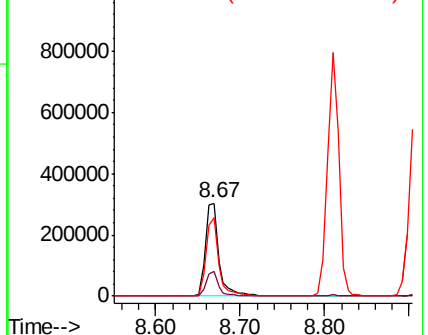
142 83.9 61.7 92.5

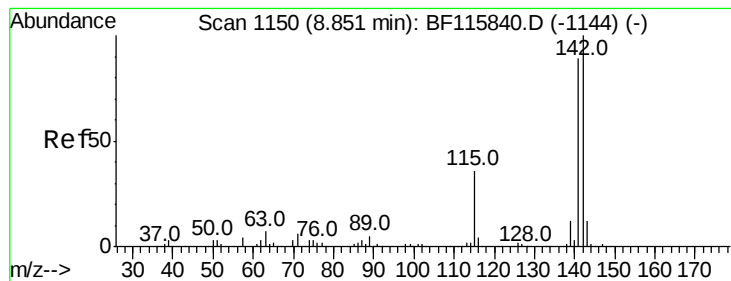


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 44.250 ng

RT: 8.81 min Scan# 1143

Delta R.T. -0.03 min

Lab File: BF116312.D

Acq: 16 Aug 2019 10:38

Instrument :

BNA_F

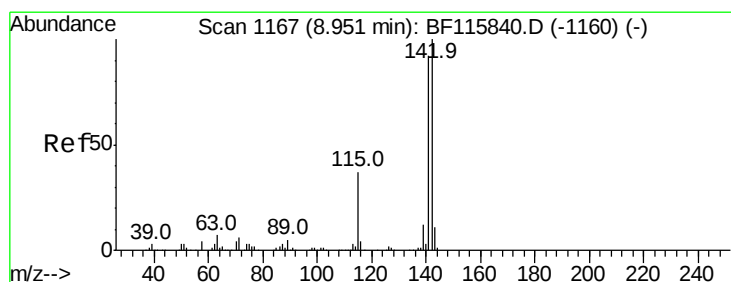
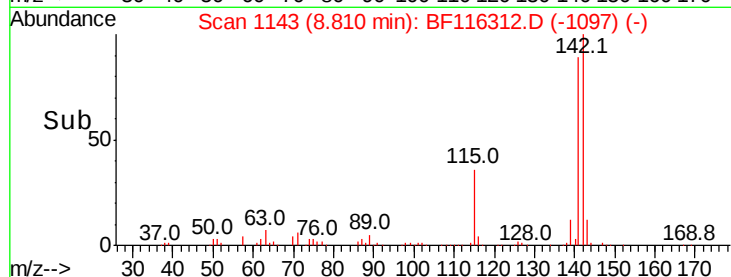
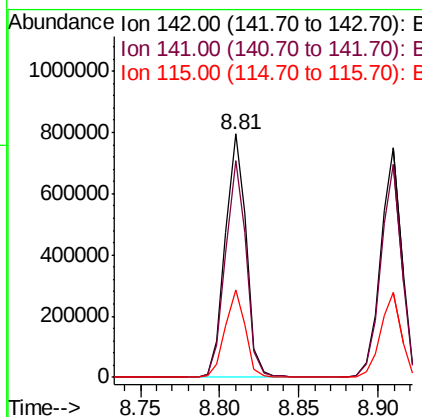
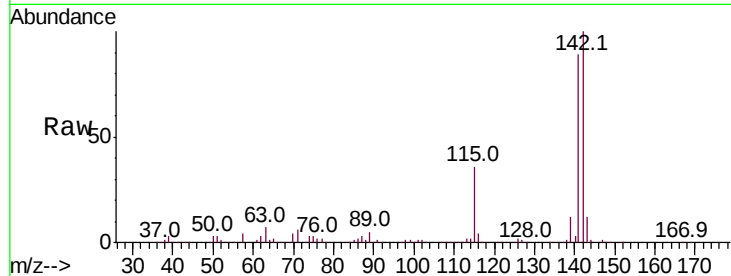
ClientSampleId :

PB122277BS

Tot Ion:	142	Resp:	728558
Ion Ratio	Lower	Upper	
142	100		
141	89.1	70.9	106.3
115	35.8	29.0	43.6

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#38

1-Methylnaphthalene

Concen: 43.863 ng

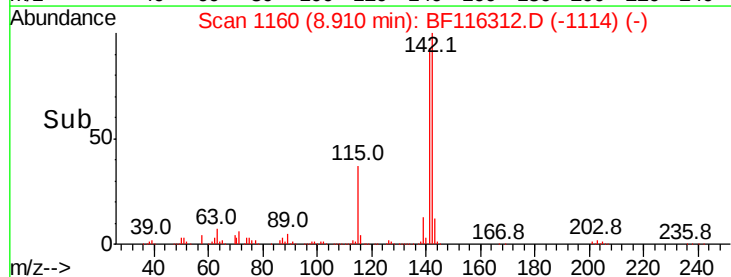
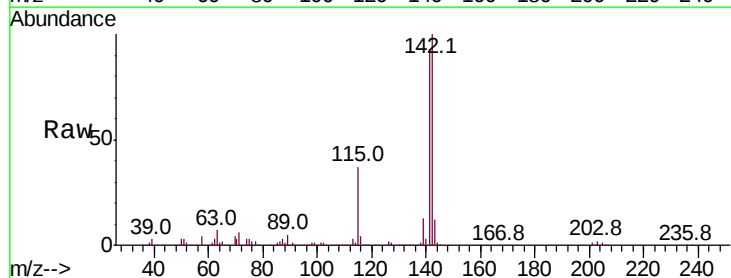
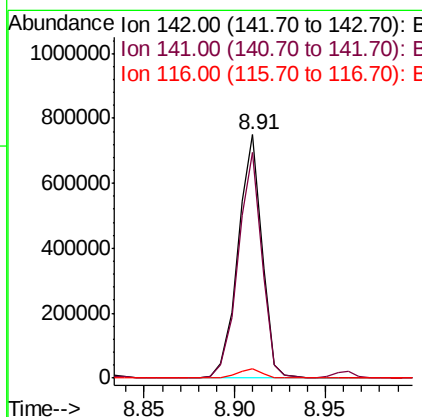
RT: 8.91 min Scan# 1160

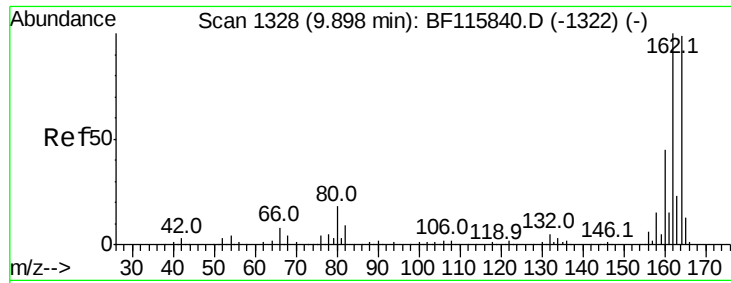
Delta R.T. -0.03 min

Lab File: BF116312.D

Acq: 16 Aug 2019 10:38

Tgt Ion:	142	Resp:	683204
Ion Ratio	Lower	Upper	
142	100		
141	92.6	74.4	111.6
116	3.8	3.1	4.7





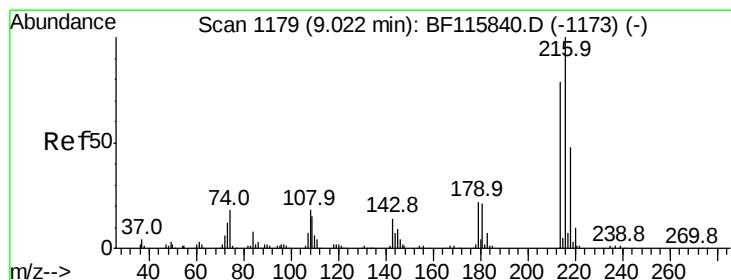
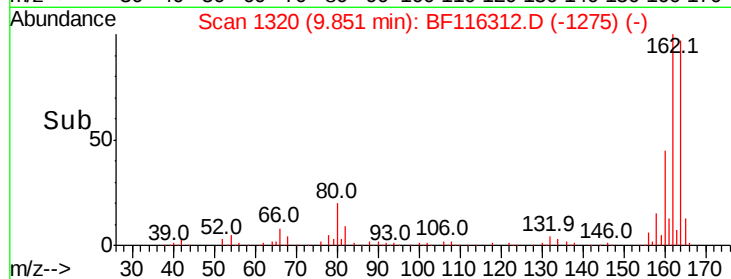
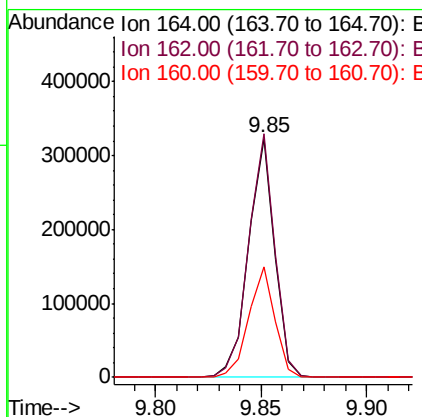
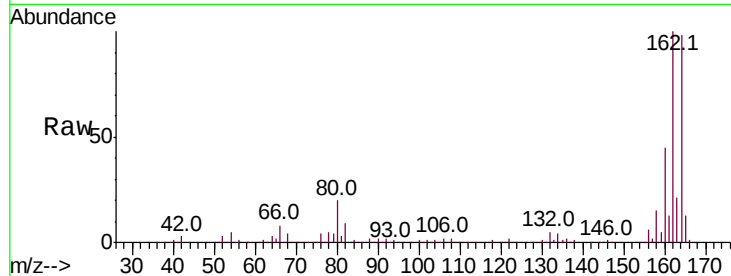
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.04 min
Lab File: BF116312.D
Acq: 16 Aug 2019 10:38

Instrument :
BNA_F
ClientSampleId :
PB122277BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.8	82.6	124.0	
160	46.1	37.6	56.4	

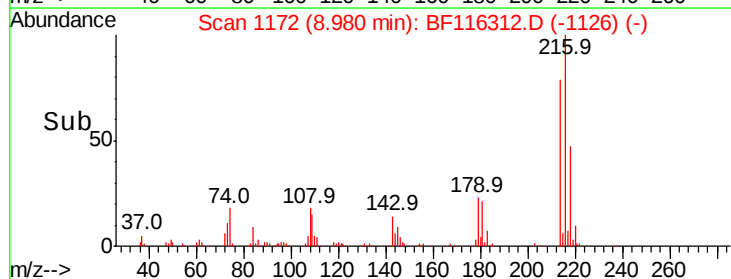
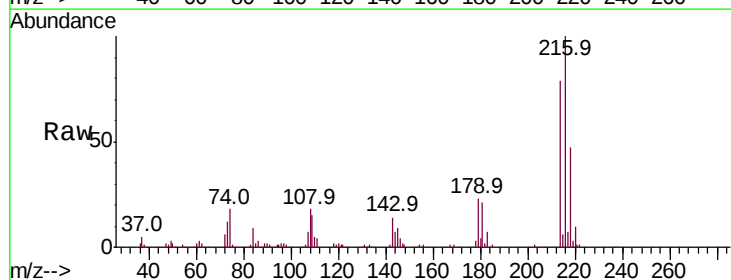
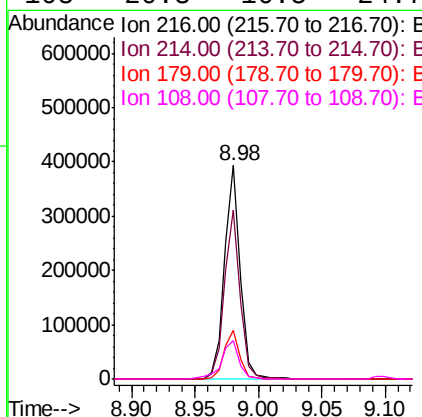
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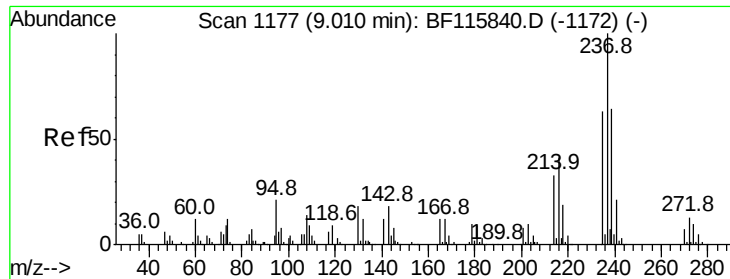
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.182 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.03 min
Lab File: BF116312.D
Acq: 16 Aug 2019 10:38

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.2	63.6	95.4	
179	22.3	17.8	26.8	
108	20.3	16.5	24.7	





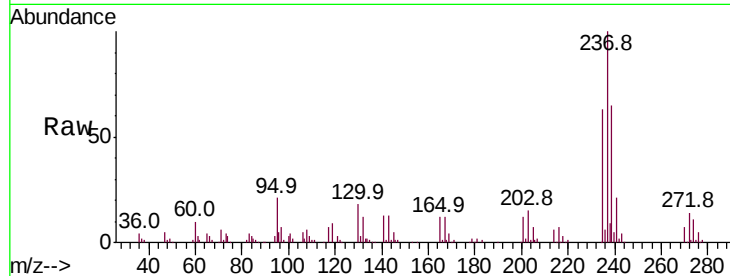
#41
Hexachlorocyclopentadiene
Concen: 40.123 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.03 min
Lab File: BF116312.D
Acq: 16 Aug 2019 10:38

Instrument :
BNA_F
ClientSampleId :
PB122277BS

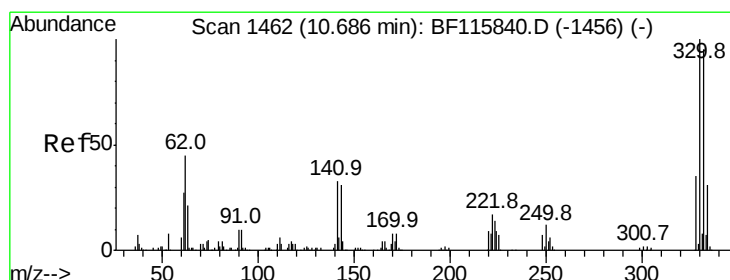
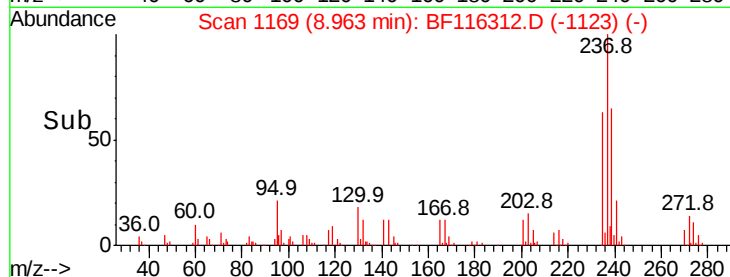
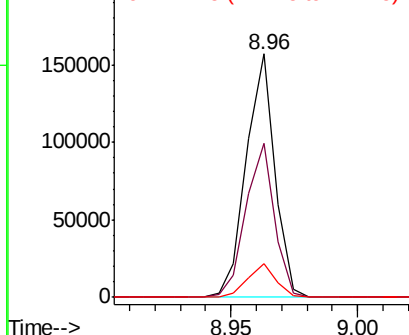
Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	63.2	43.4	83.4
272	13.8	0.0	33.2

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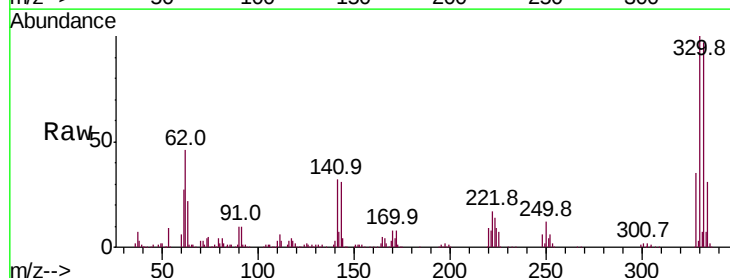


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

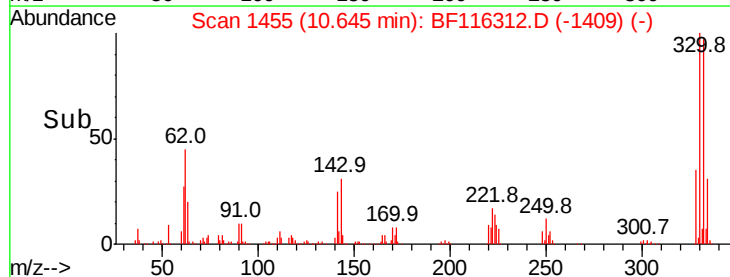
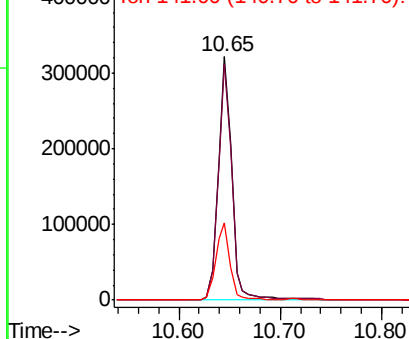


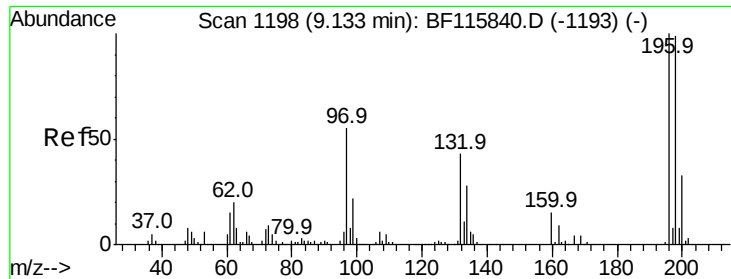
#42
2,4,6-Tribromophenol
Concen: 111.252 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.03 min
Lab File: BF116312.D
Acq: 16 Aug 2019 10:38

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	98.8	76.8	115.2
141	32.8	26.3	39.5



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





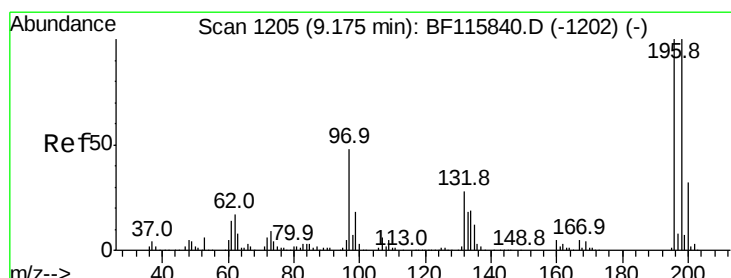
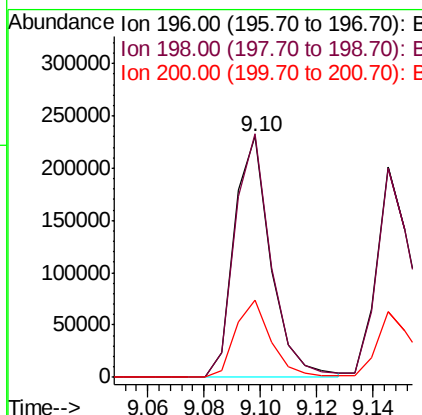
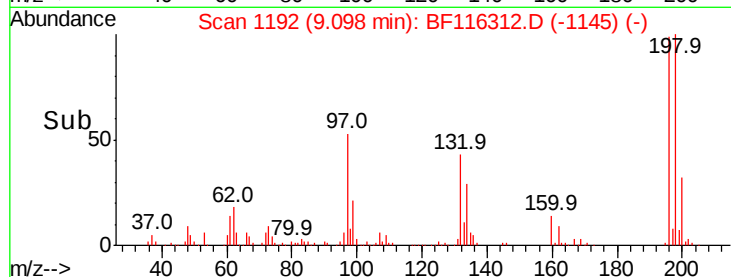
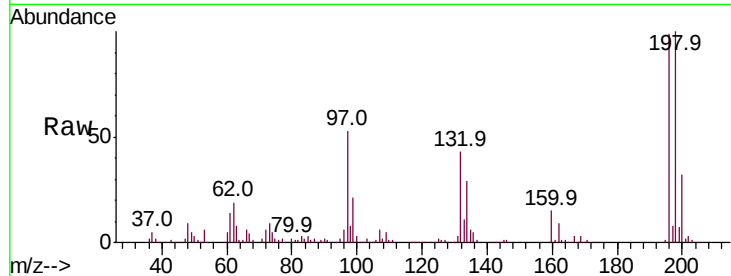
#43
 2,4,6-Trichlorophenol
 Concen: 40.436 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.02 min
 Lab File: BF116312.D
 Acq: 16 Aug 2019 10:38

Instrument :
 BNA_F
 ClientSampleId :
 PB122277BS

Tot Ion:	196	Resp:	207414
Ion Ratio	Lower	Upper	
196	100		
198	101.1	79.2	118.8
200	32.3	25.2	37.8

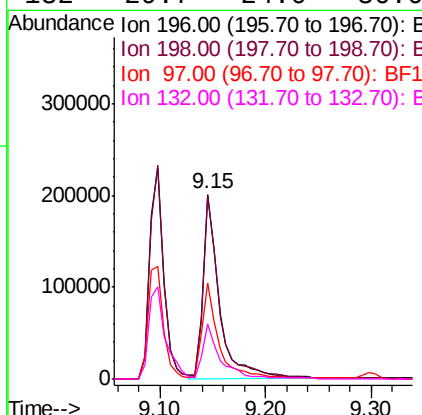
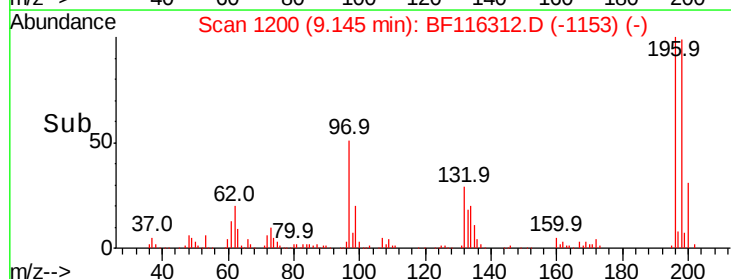
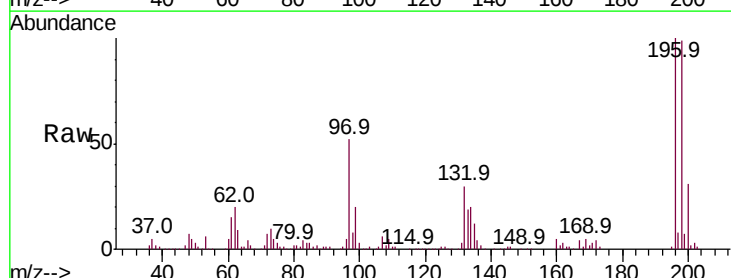
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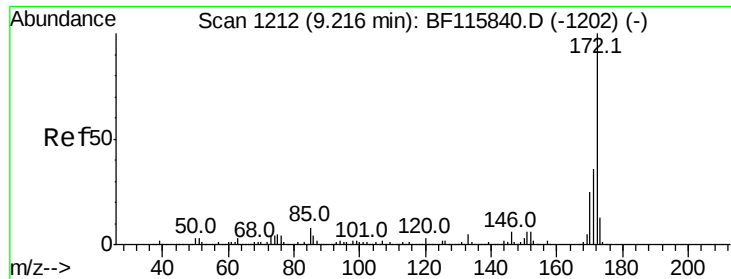
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 41.069 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.02 min
 Lab File: BF116312.D
 Acq: 16 Aug 2019 10:38

Tgt Ion:	196	Resp:	217763
Ion Ratio	Lower	Upper	
196	100		
198	99.4	78.8	118.2
97	52.1	42.2	63.4
132	29.7	24.0	36.0





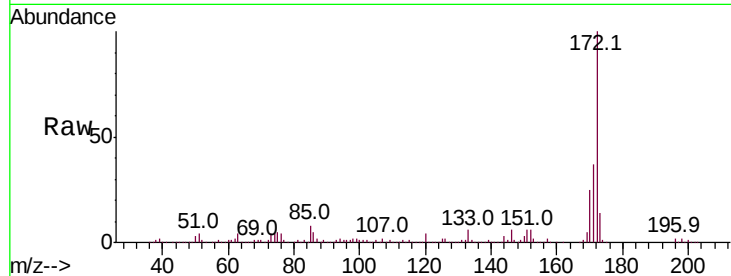
#45
2-Fluorobiphenyl
Concen: 83.432 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.04 min
Lab File: BF116312.D
Acq: 16 Aug 2019 10:38

Instrument :
BNA_F
ClientSampleId :
PB122277BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.6	44.4
170	25.1	20.1	30.1

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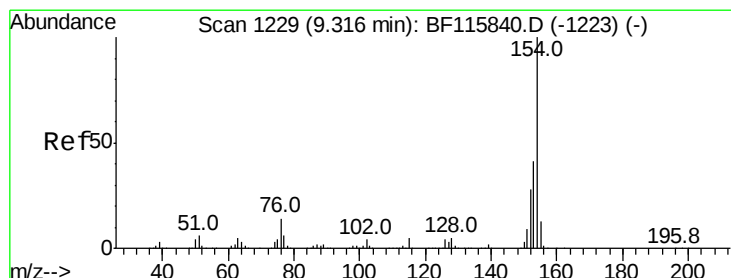
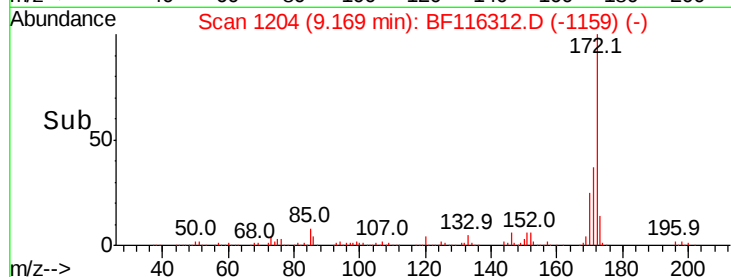
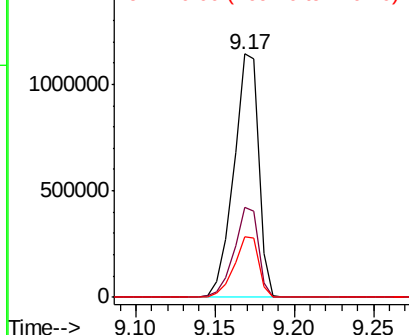


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 45.192 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.03 min
Lab File: BF116312.D
Acq: 16 Aug 2019 10:38

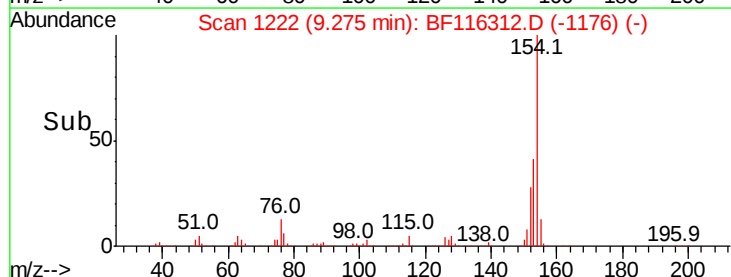
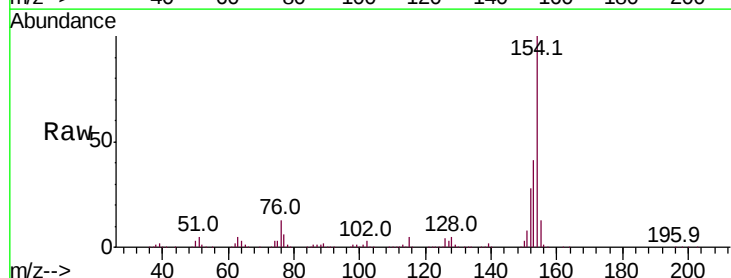
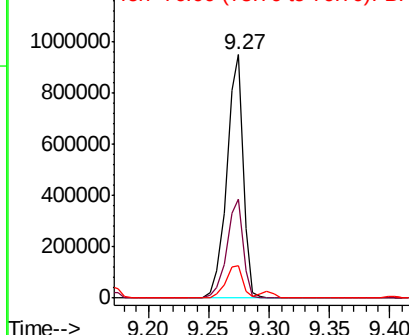
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	21.4	61.4
76	13.1	0.0	35.2

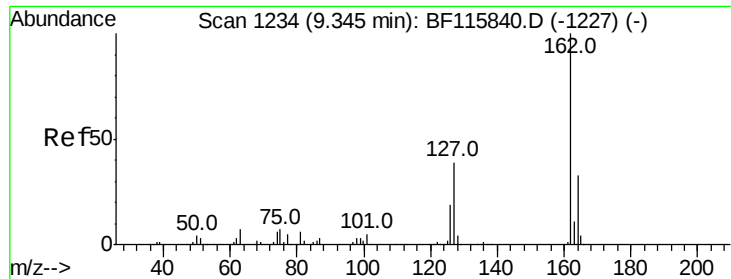
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





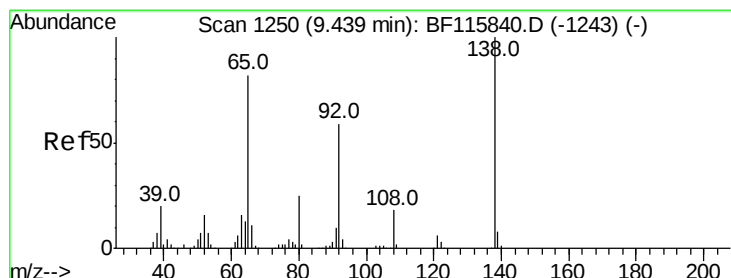
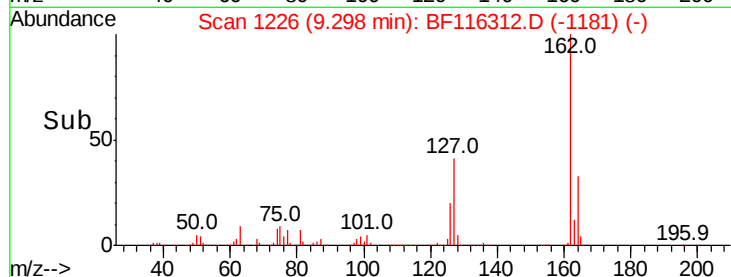
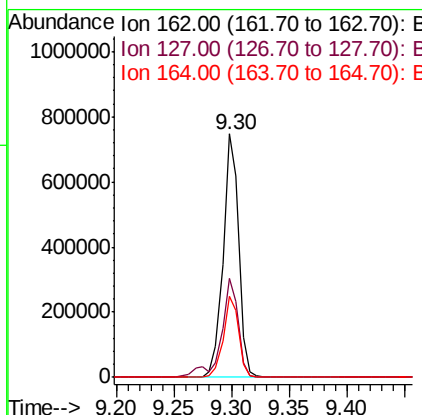
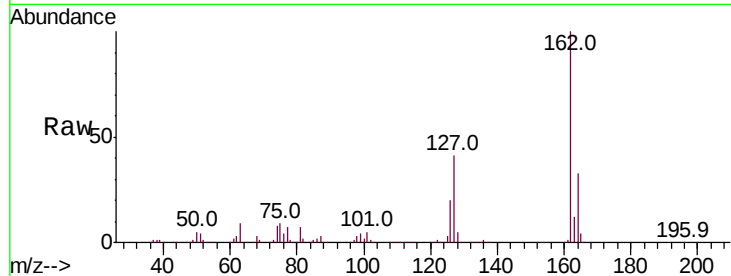
#47
 2-Chloronaphthalene
 Concen: 42.702 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.04 min
 Lab File: BF116312.D
 Acq: 16 Aug 2019 10:38

Instrument :
 BNA_F
 ClientSampleId :
 PB122277BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	699443		
127	40.8		32.8	49.2
164	33.1		26.6	39.8

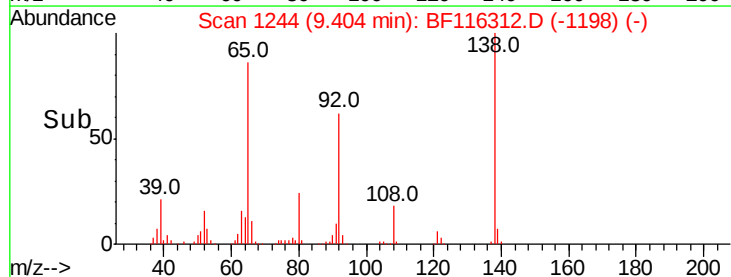
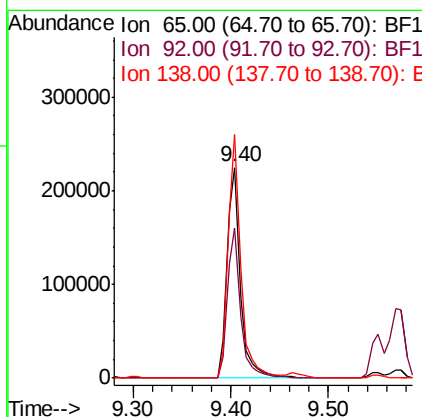
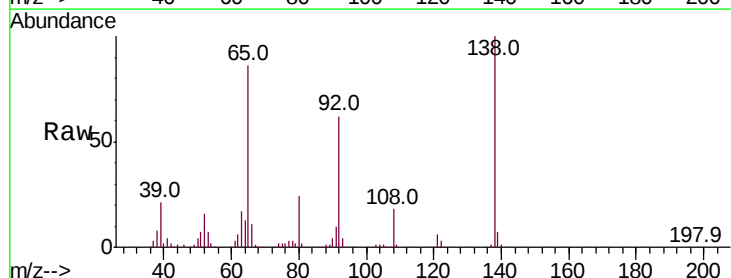
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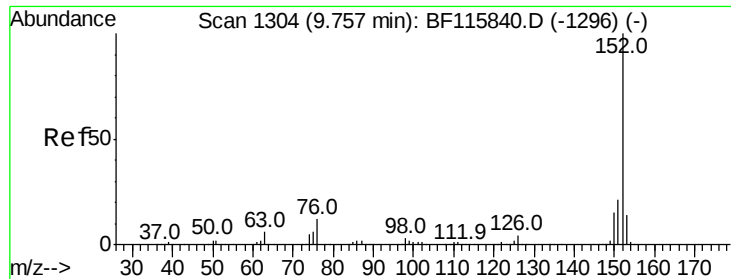
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#48
 2-Nitroaniline
 Concen: 39.575 ng
 RT: 9.40 min Scan# 1244
 Delta R.T. -0.03 min
 Lab File: BF116312.D
 Acq: 16 Aug 2019 10:38

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	214260		
92	71.4		57.8	86.8
138	115.7		94.0	141.0





#49

Acenaphthylene

Concen: 42.712 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.03 min

Lab File: BF116312.D

Acq: 16 Aug 2019 10:38

Instrument :

BNA_F

ClientSampled :

PB122277BS

Tot Ion:152 Resp: 1020645

Ion Ratio Lower Upper

152 100

151 21.1 17.2 25.8

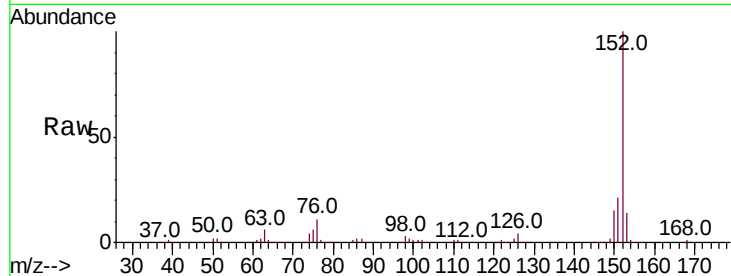
153 13.9 11.8 17.8

Manual Integrations

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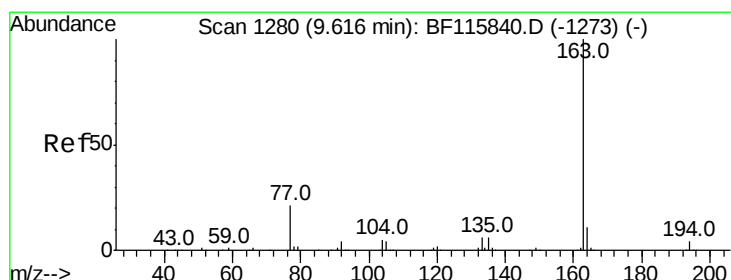
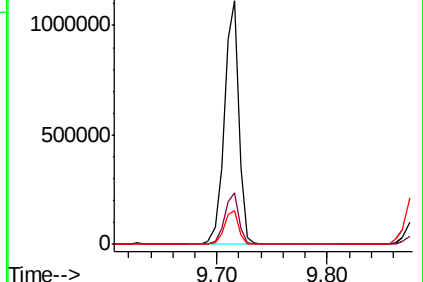
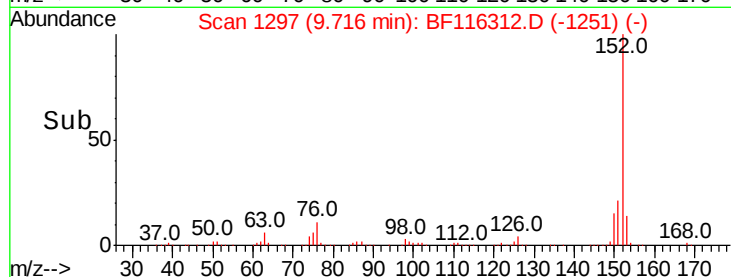
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.507 ng

RT: 9.57 min Scan# 1273

Delta R.T. -0.03 min

Lab File: BF116312.D

Acq: 16 Aug 2019 10:38

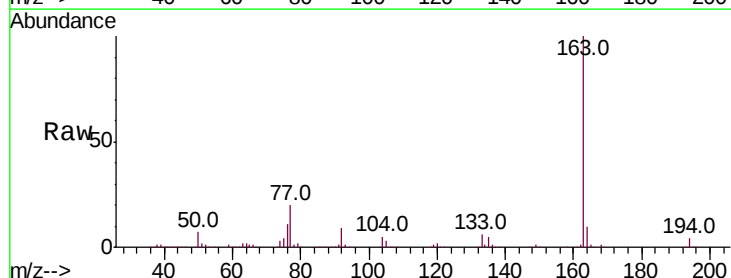
Tgt Ion:163 Resp: 806775

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

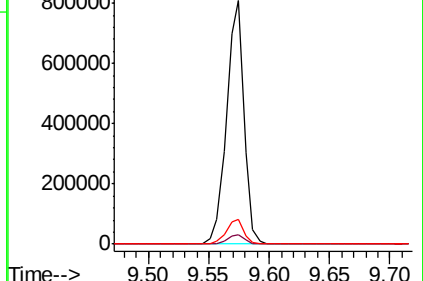
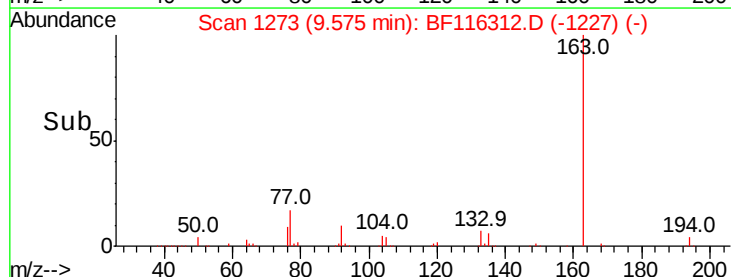
164 10.3 8.4 12.6

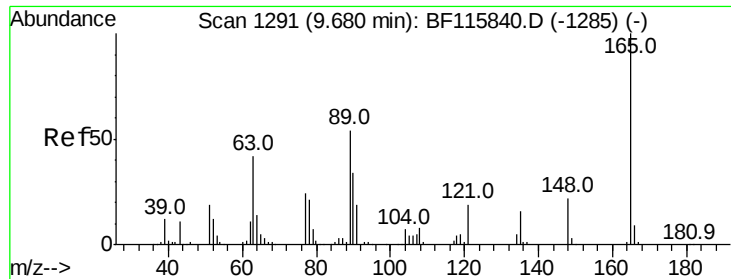


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





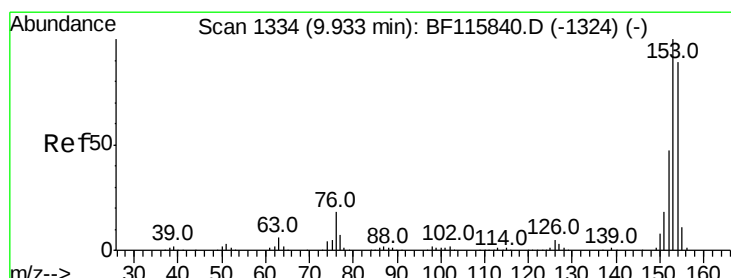
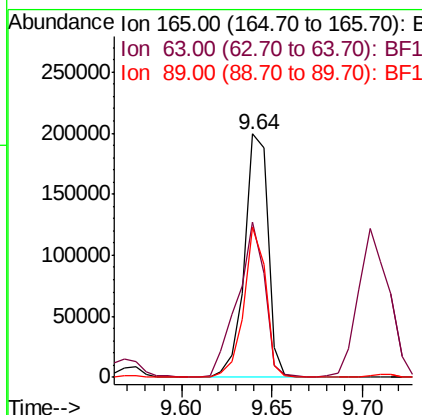
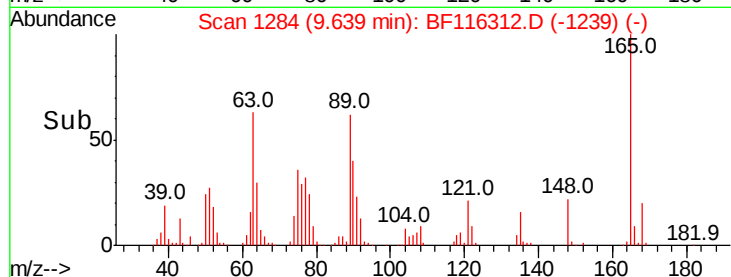
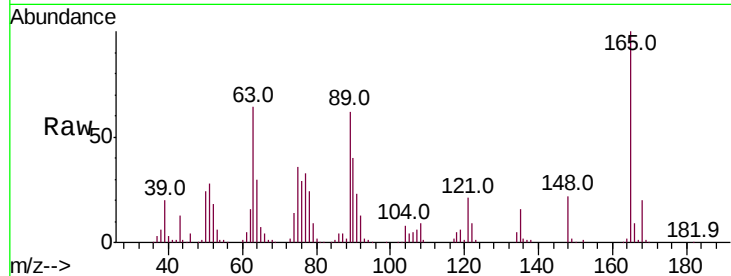
#51
2,6-Dinitrotoluene
Concen: 43.425 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.04 min
Lab File: BF116312.D
Acq: 16 Aug 2019 10:38

Instrument :
BNA_F
ClientSampled :
PB122277BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	179113		
63	63.7	38.2	57.2#	
89	61.7	42.9	64.3	

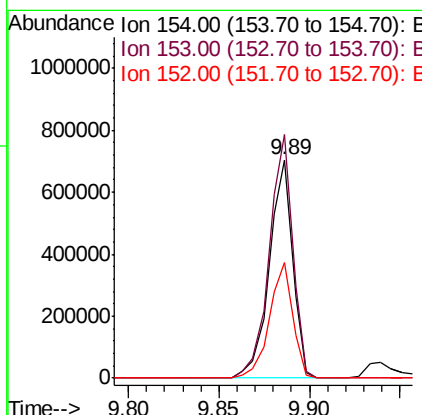
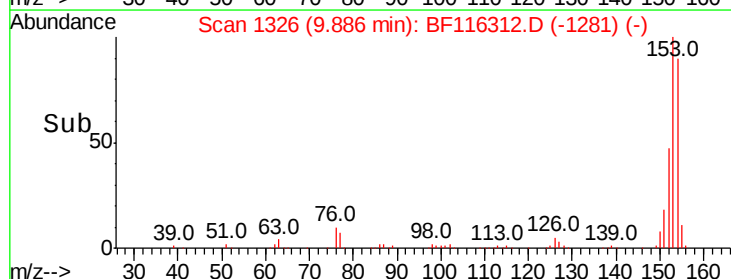
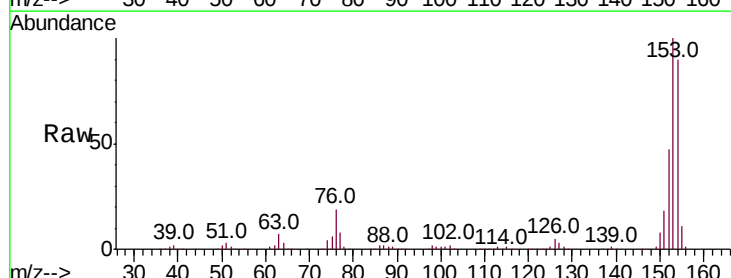
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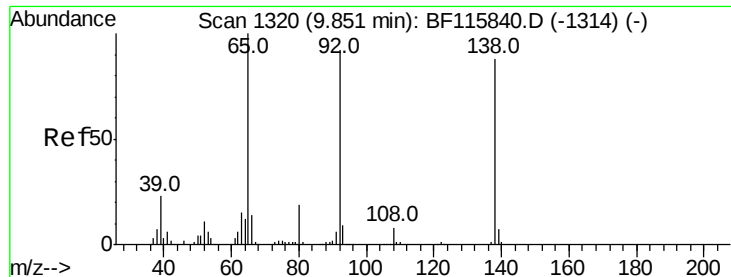
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#52
Acenaphthene
Concen: 43.117 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.04 min
Lab File: BF116312.D
Acq: 16 Aug 2019 10:38

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	632098		
153	111.4	89.4	134.0	
152	52.8	42.3	63.5	





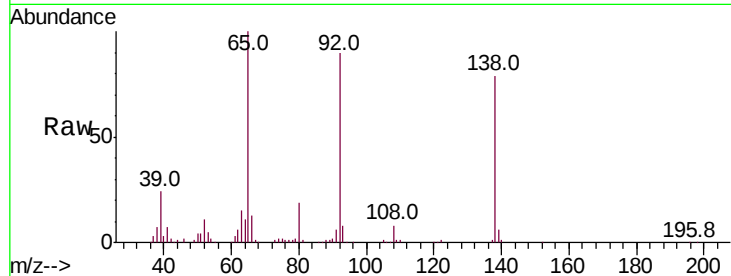
#53
3-Nitroaniline
Concen: 26.212 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.03 min
Lab File: BF116312.D
Acq: 16 Aug 2019 10:38

Instrument :
BNA_F
ClientSampleId :
PB122277BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	133593		
108	9.8	8.0	12.0	
92	113.8	91.0	136.6	

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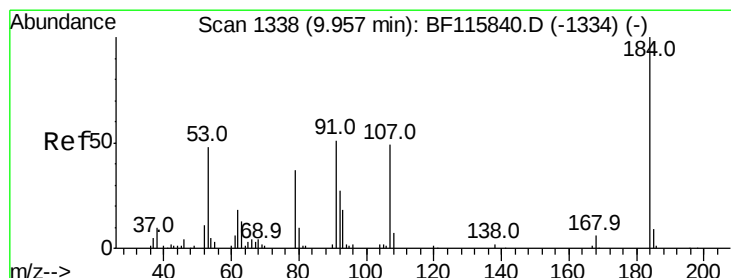
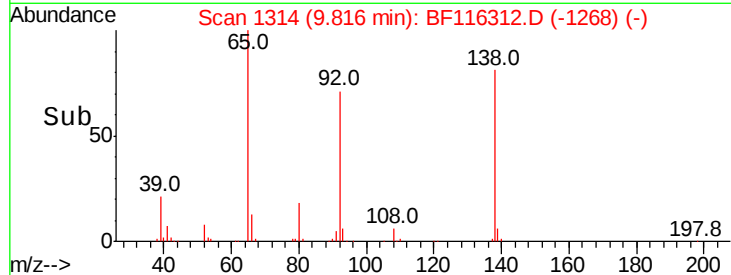
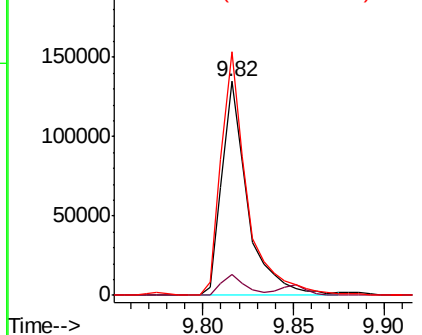


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 58.364 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.02 min
Lab File: BF116312.D
Acq: 16 Aug 2019 10:38

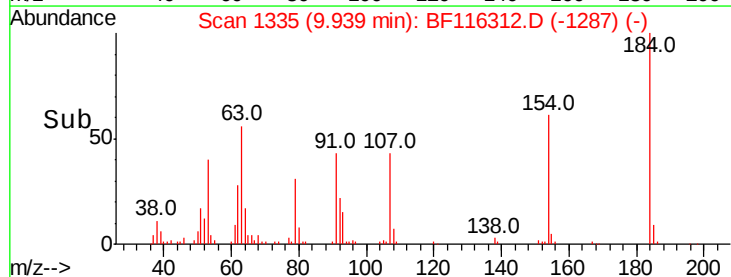
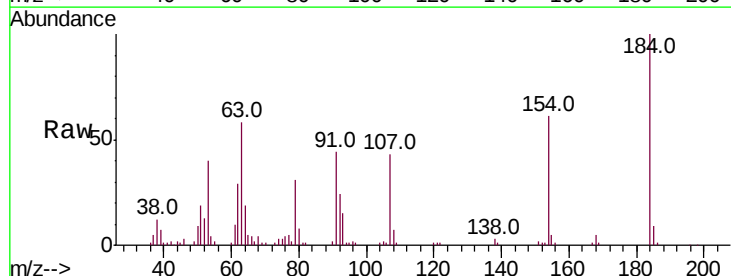
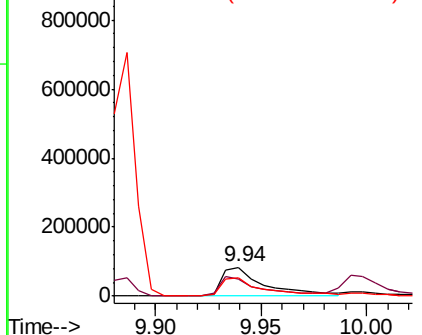
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	117527		
63	58.1	53.0	79.4	
154	61.0	50.1	75.1	

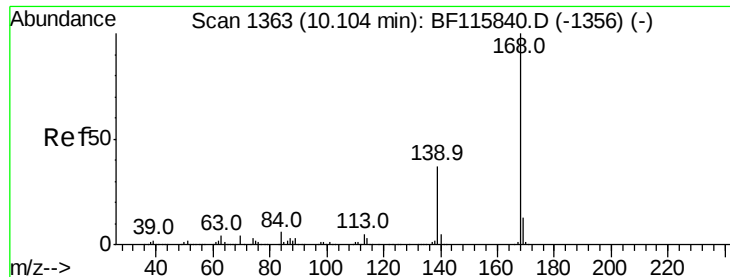
Abundance

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

Dibenzenofuran

Concen: 41.779 ng

RT: 10.06 min Scan# 1355

Delta R.T. -0.04 min

Lab File: BF116312.D

Acq: 16 Aug 2019 10:38

Instrument :

BNA_F

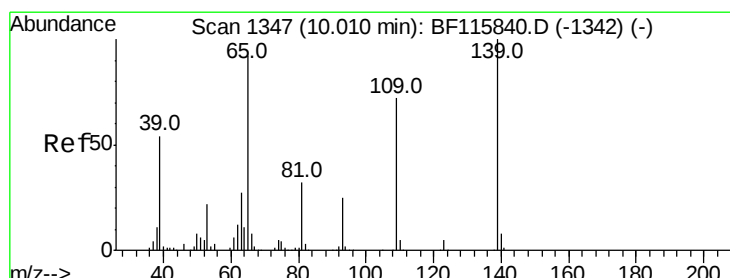
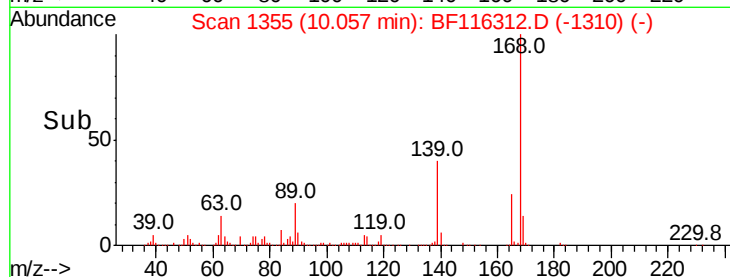
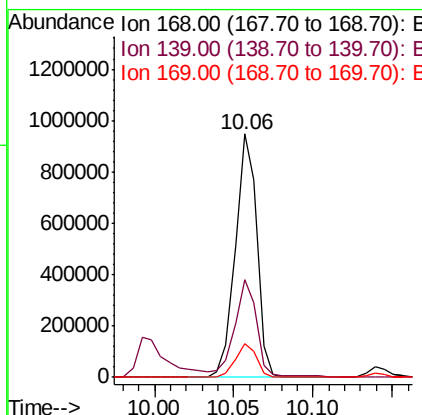
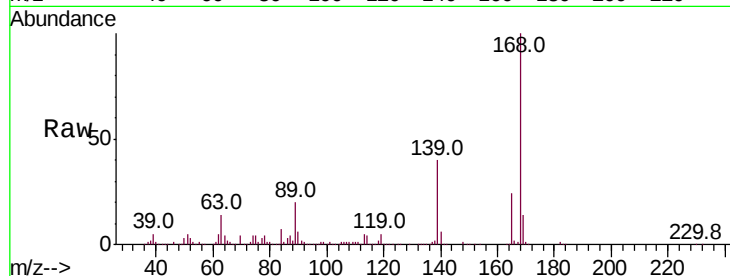
ClientSampleId :

PB122277BS

Tot Ion:168	Resp:	890707
Ion Ratio	Lower	Upper
168 100		
139 40.2	31.4	47.2
169 13.7	10.9	16.3

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#56

4-Nitrophenol

Concen: 62.733 ng

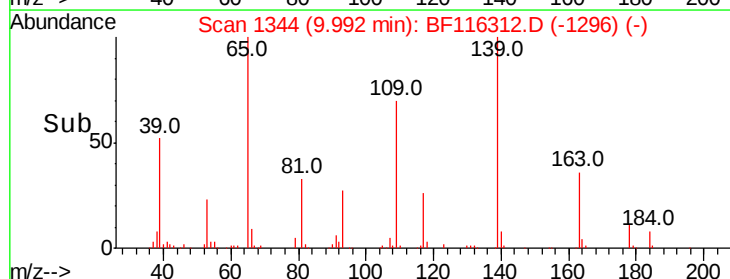
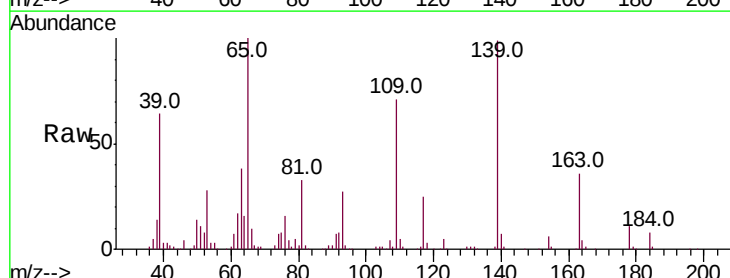
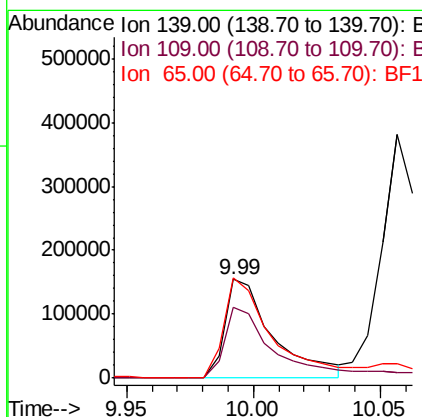
RT: 9.99 min Scan# 1344

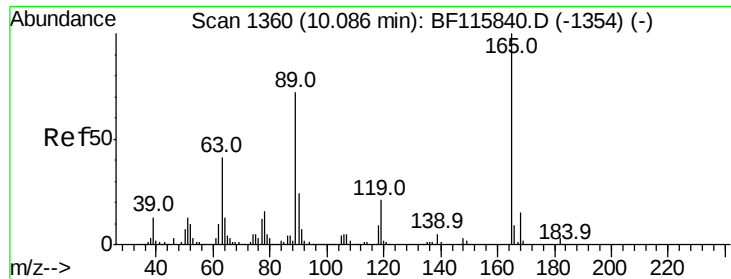
Delta R.T. -0.02 min

Lab File: BF116312.D

Acq: 16 Aug 2019 10:38

Tgt Ion:139	Resp:	204815
Ion Ratio	Lower	Upper
139 100		
109 71.7	54.4	94.4
65 101.5	80.6	120.6





#57

2,4-Dinitrotoluene

Concen: 38.926 ng

RT: 10.06 min Scan# 1355

Delta R.T. -0.02 min

Lab File: BF116312.D

Acq: 16 Aug 2019 10:38

Instrument :

BNA_F

ClientSampleId :

PB122277BS

Tot Ion:165 Resp: 213769

Ion Ratio Lower Upper

165 100

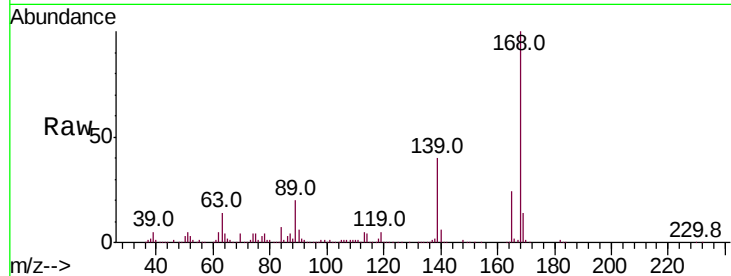
63 59.3 39.6 59.4

89 81.8 62.2 93.2

182 2.7 2.1 3.1

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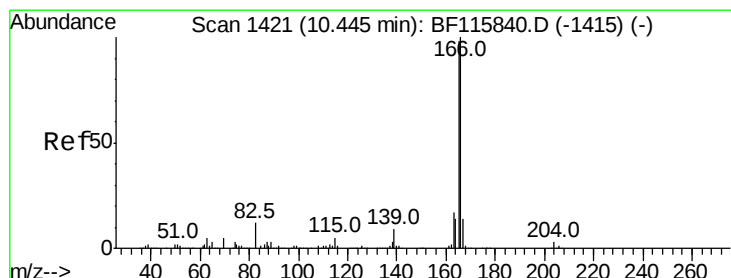
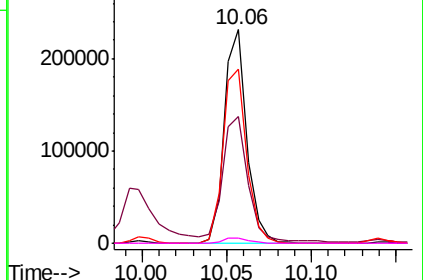
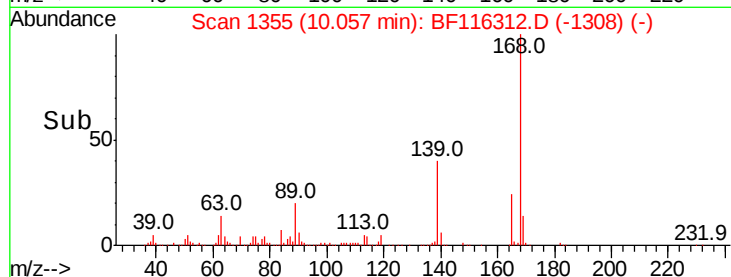


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 43.947 ng

RT: 10.40 min Scan# 1414

Delta R.T. -0.03 min

Lab File: BF116312.D

Acq: 16 Aug 2019 10:38

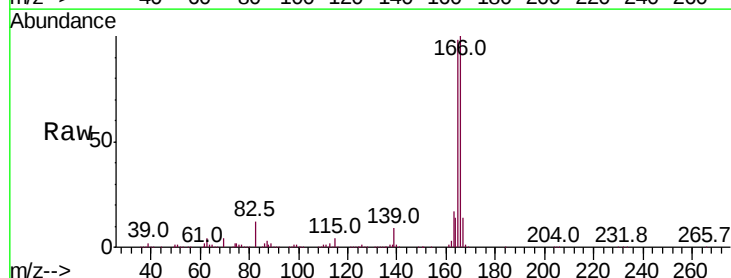
Tgt Ion:166 Resp: 720848

Ion Ratio Lower Upper

166 100

165 98.4 78.4 117.6

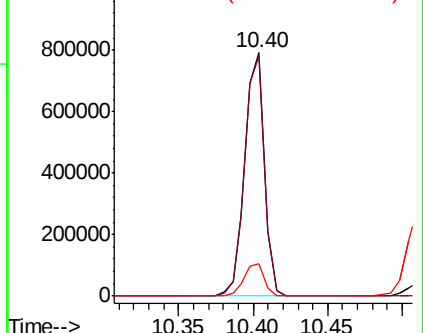
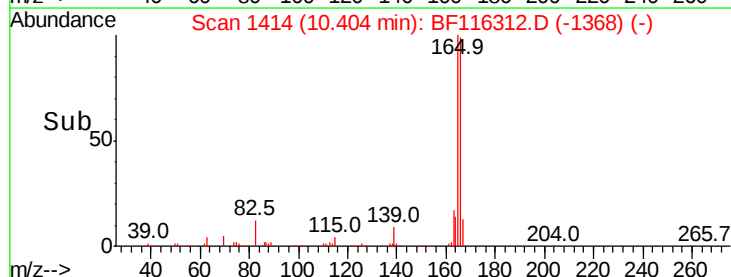
167 13.5 11.0 16.4

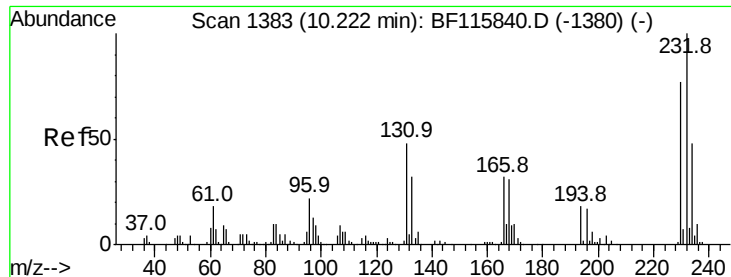


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





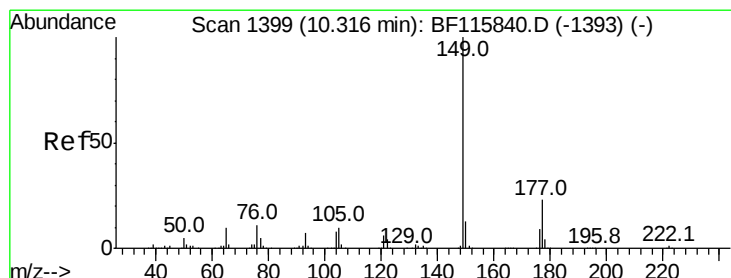
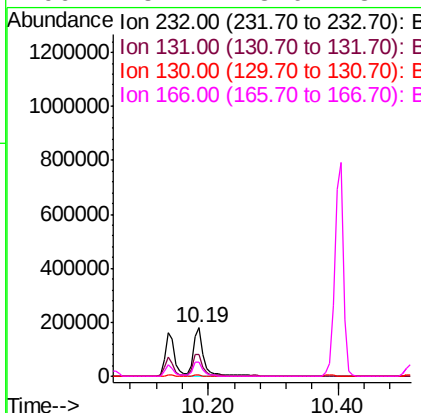
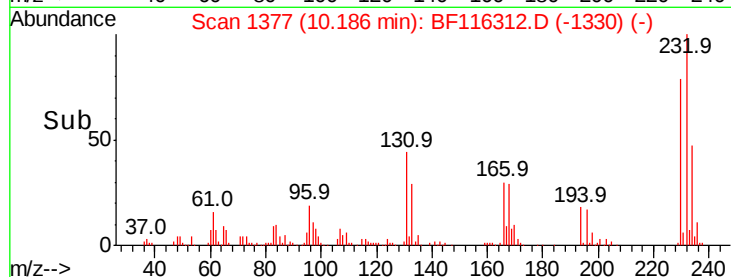
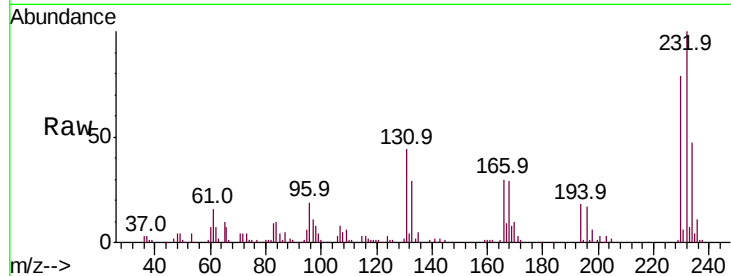
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.311 ng
 RT: 10.19 min Scan# 1377
 Delta R.T. -0.02 min
 Lab File: BF116312.D
 Acq: 16 Aug 2019 10:38

Instrument :
 BNA_F
 ClientSampleId :
 PB122277BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	193205		
131	44.5	36.2	54.2	
130	2.3	1.9	2.9	
166	28.7	23.0	34.4	

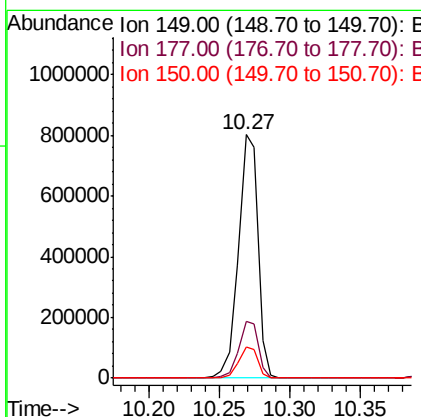
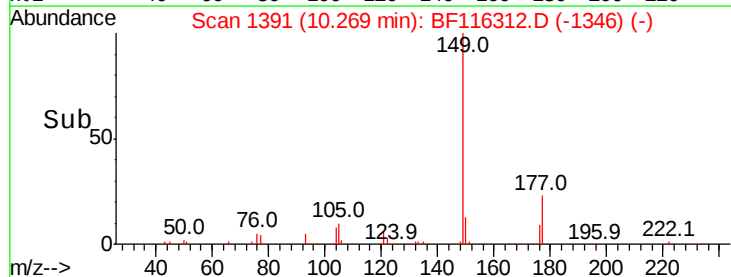
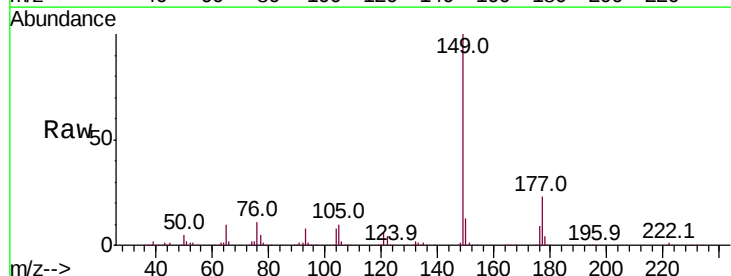
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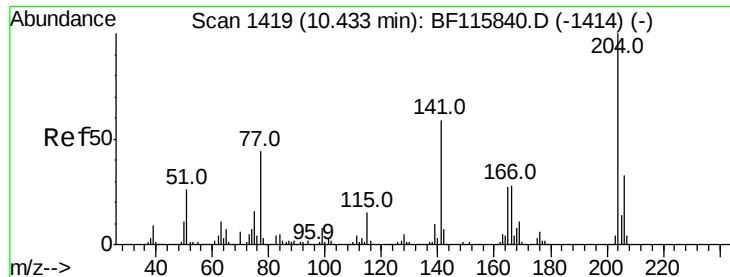
mohammad
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#60
 Diethylphthalate
 Concen: 43.604 ng
 RT: 10.27 min Scan# 1391
 Delta R.T. -0.04 min
 Lab File: BF116312.D
 Acq: 16 Aug 2019 10:38

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	772676		
177	23.2	18.8	28.2	
150	13.0	10.2	15.4	





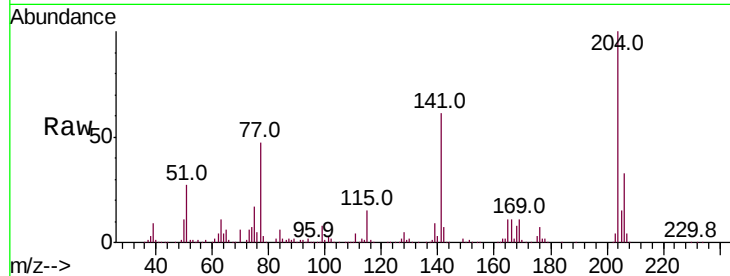
#61
4-Chlorophenyl-phenylether
Concen: 44.361 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.04 min
Lab File: BF116312.D
Acq: 16 Aug 2019 10:38

Instrument :
BNA_F
ClientSampleId :
PB122277BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.4	39.6
141	60.7	46.4	69.6

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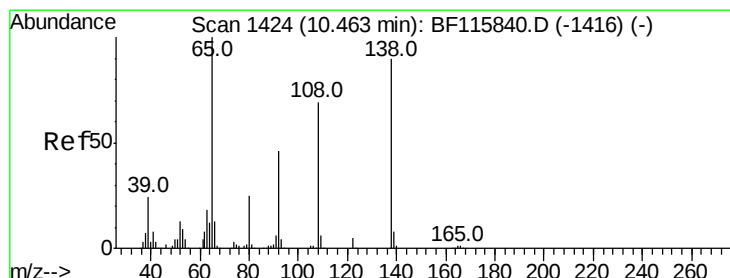
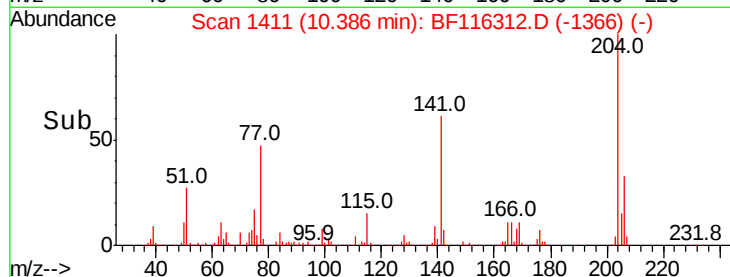
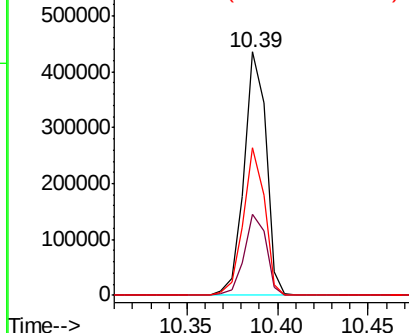


Abundance

Ion 204.00 (203.70 to 204.70): E

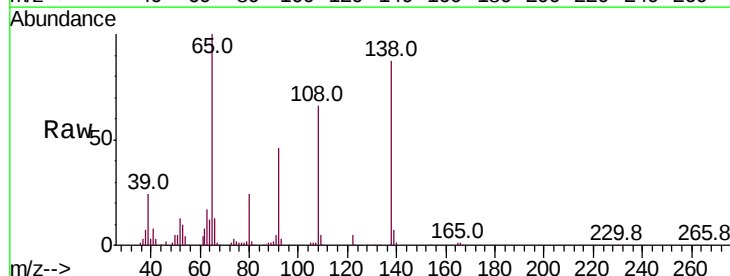
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 32.477 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.03 min
Lab File: BF116312.D
Acq: 16 Aug 2019 10:38

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.3	29.0	69.0
108	75.6	54.7	94.7

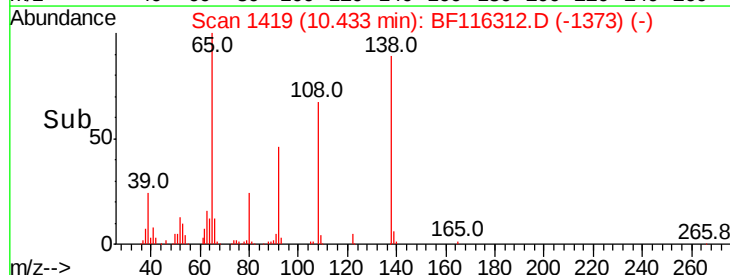
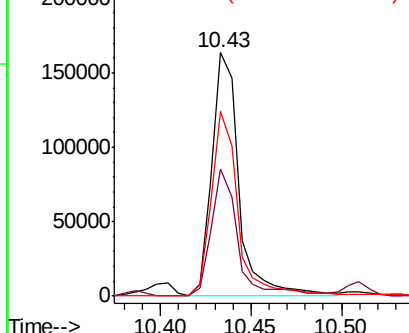


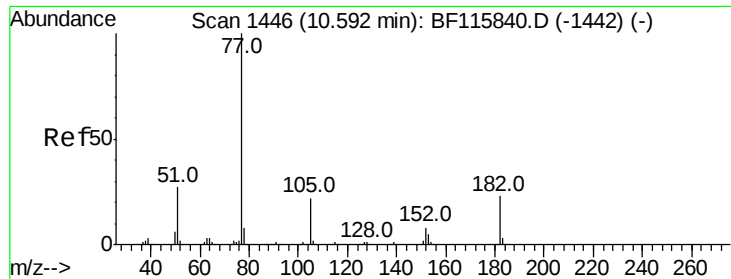
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





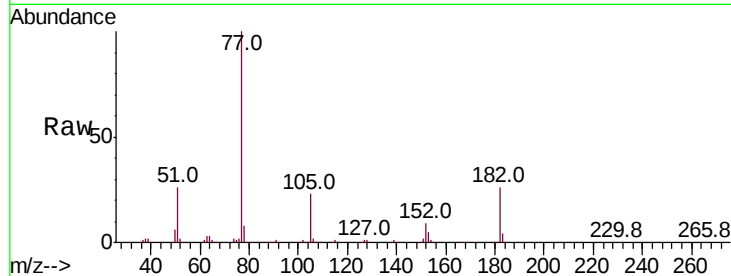
#63
Azobenzene
Concen: 43.939 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.03 min
Lab File: BF116312.D
Acq: 16 Aug 2019 10:38

Instrument :
BNA_F
ClientSampleId :
PB122277BS

Tot Ion	Ratio	Resp	Lower	Upper
77	100			
182	25.8	4.0	44.0	
105	22.9	2.0	42.0	
51	26.2	7.5	47.5	

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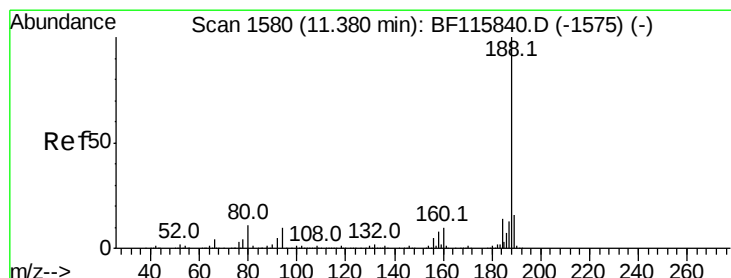
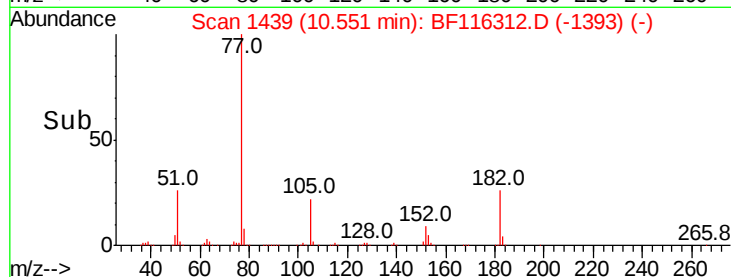
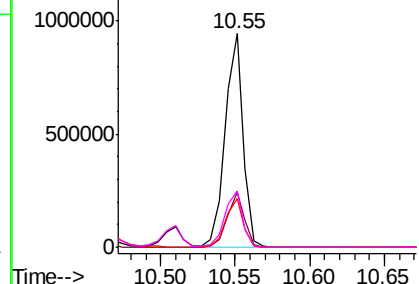
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.03 min
Lab File: BF116312.D
Acq: 16 Aug 2019 10:38

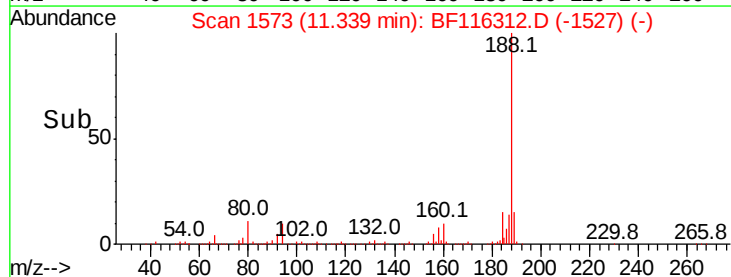
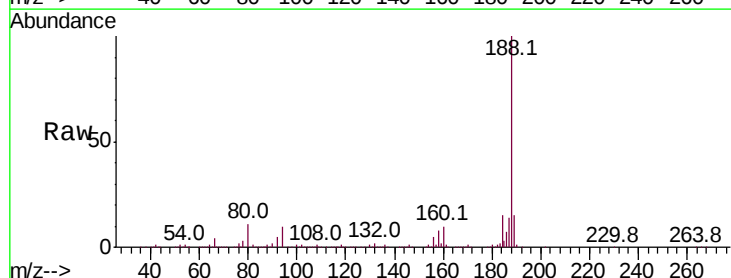
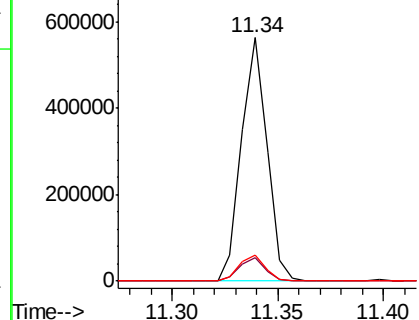
Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	9.8	8.1	12.1	
80	10.5	8.7	13.1	

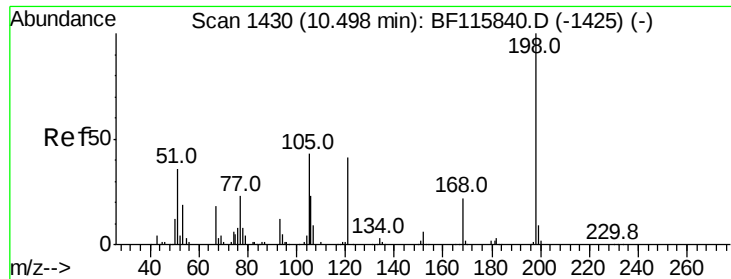
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 42.607 ng

RT: 10.47 min Scan# 1425

Delta R.T. -0.03 min

Lab File: BF116312.D

Acq: 16 Aug 2019 10:38

Instrument :

BNA_F

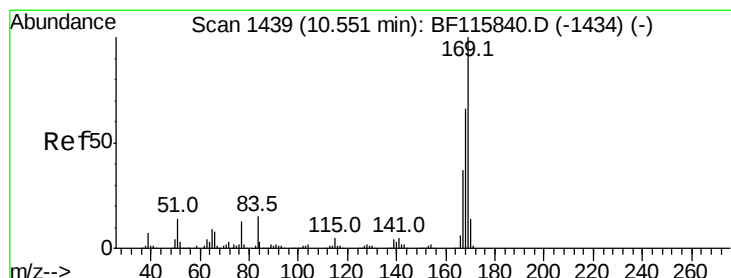
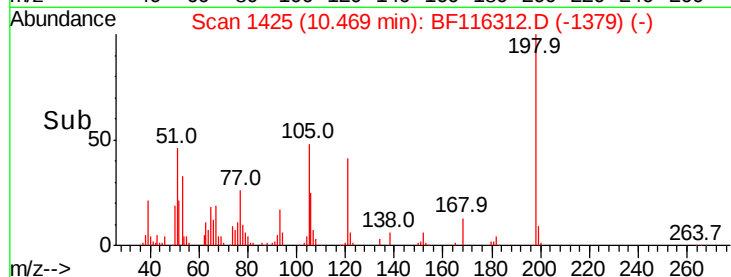
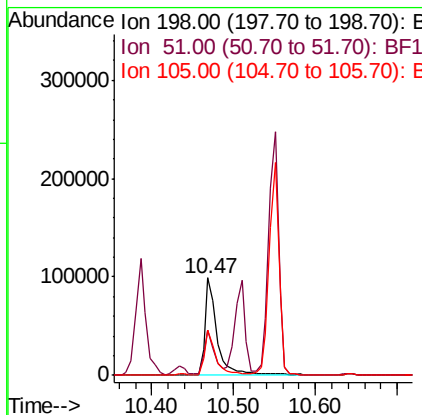
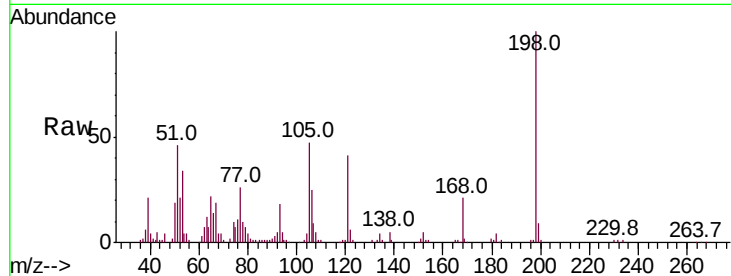
ClientSampleId :

PB122277BS

Tot Ion:	198	Resp:	106058
Ion Ratio	Lower	Upper	
198	100		
51	45.9	17.0	57.0
105	46.7	21.6	61.6

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#66

n-Nitrosodiphenylamine

Concen: 45.423 ng

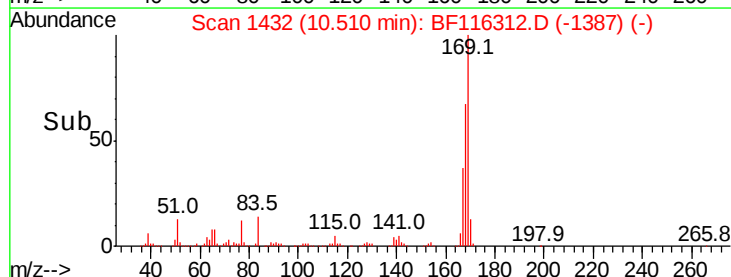
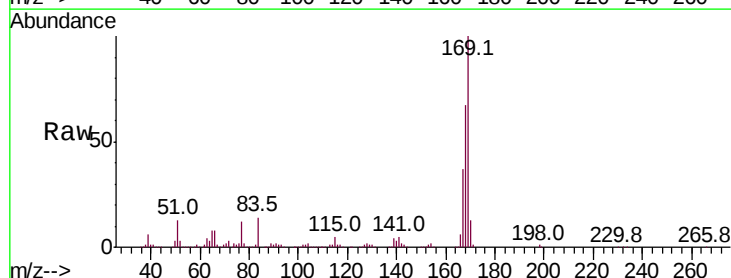
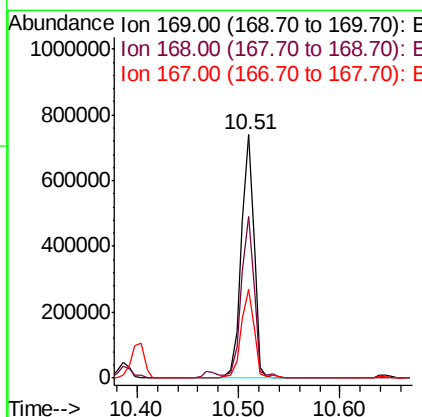
RT: 10.51 min Scan# 1432

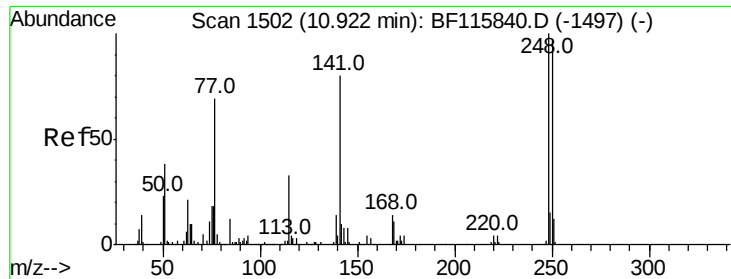
Delta R.T. -0.04 min

Lab File: BF116312.D

Acq: 16 Aug 2019 10:38

Tgt Ion:	169	Resp:	642193
Ion Ratio	Lower	Upper	
169	100		
168	66.5	53.8	80.6
167	36.7	29.6	44.4





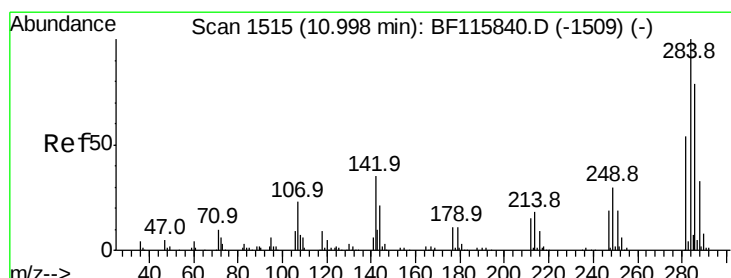
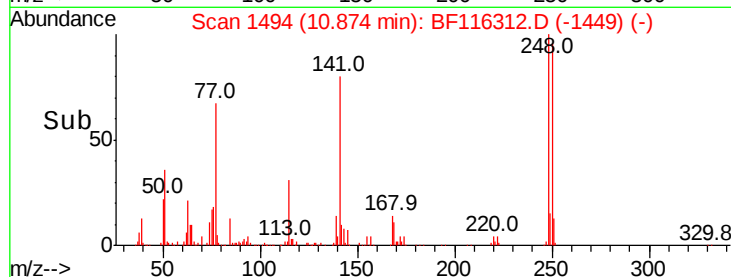
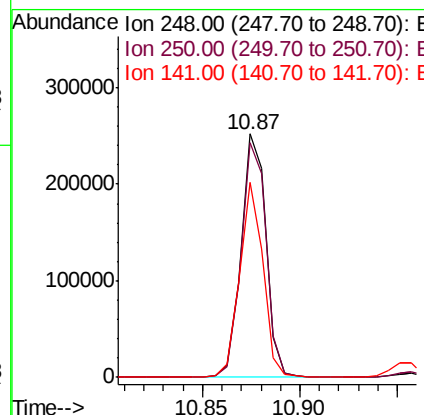
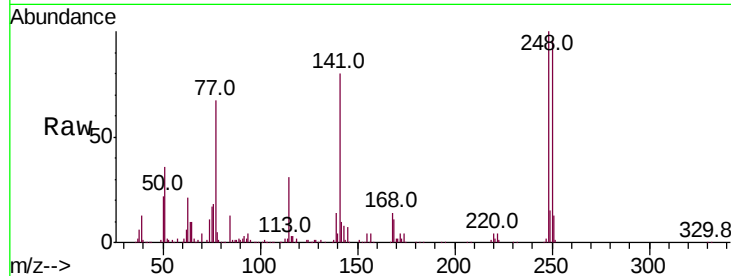
#67
4-Bromophenyl-phenylether
Concen: 44.133 ng
RT: 10.87 min Scan# 1494
Delta R.T. -0.04 min
Lab File: BF116312.D
Acq: 16 Aug 2019 10:38

Instrument :
BNA_F
ClientSampleId :
PB122277BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.3	77.4	116.2
141	80.1	56.8	85.2

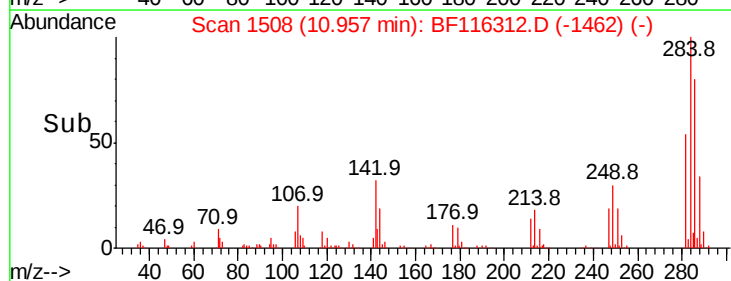
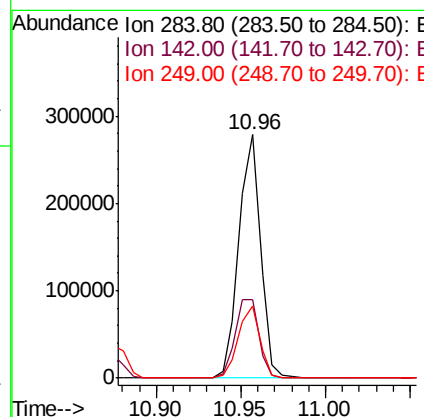
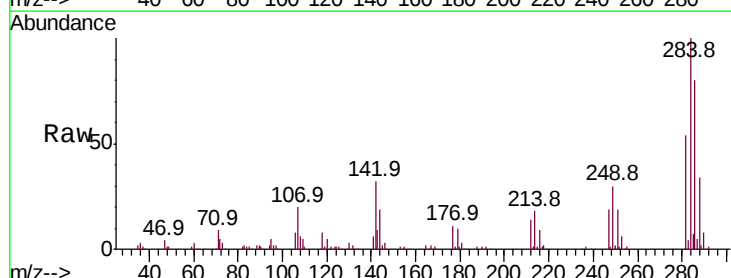
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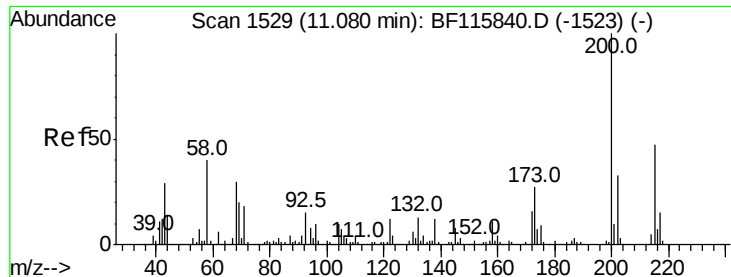
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#68
Hexachlorobenzene
Concen: 42.592 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.03 min
Lab File: BF116312.D
Acq: 16 Aug 2019 10:38

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.3	28.4	42.6
249	29.9	24.5	36.7





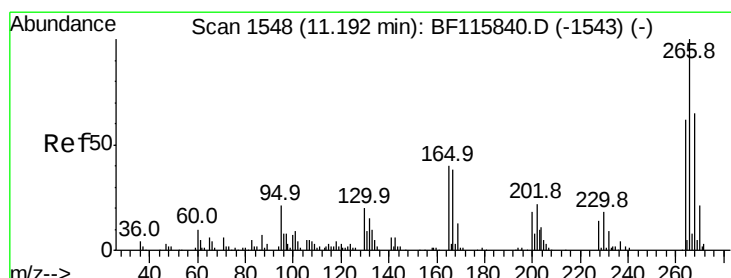
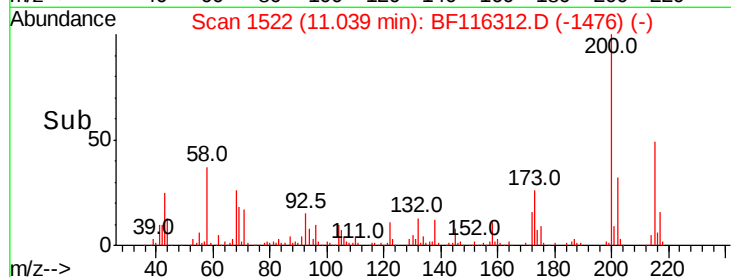
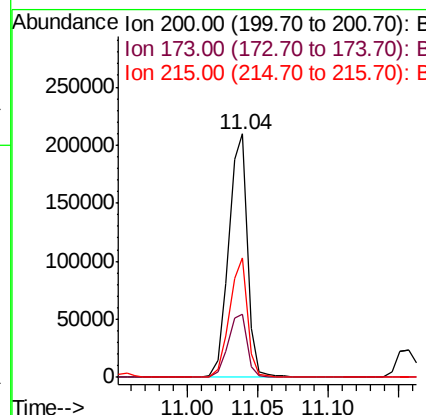
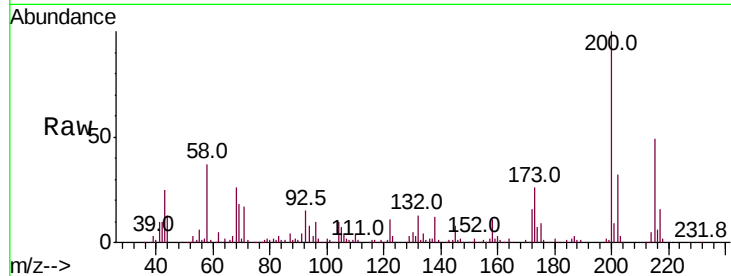
#69
Atrazine
Concen: 41.608 ng
RT: 11.04 min Scan# 1522
Delta R.T. -0.03 min
Lab File: BF116312.D
Acq: 16 Aug 2019 10:38

Instrument :
BNA_F
ClientSampleId :
PB122277BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	193528		
173	25.9	6.8	46.8	
215	49.0	27.5	67.5	

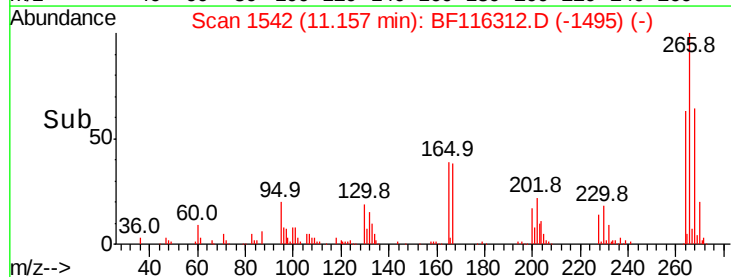
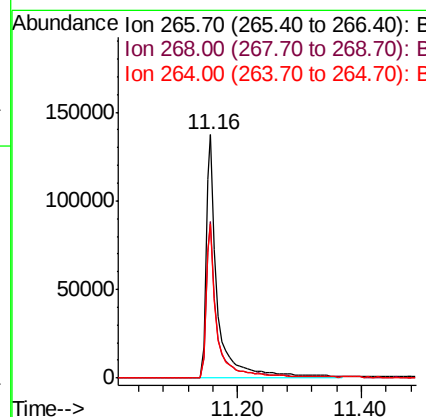
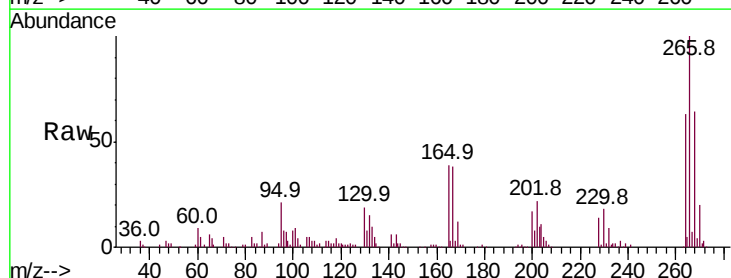
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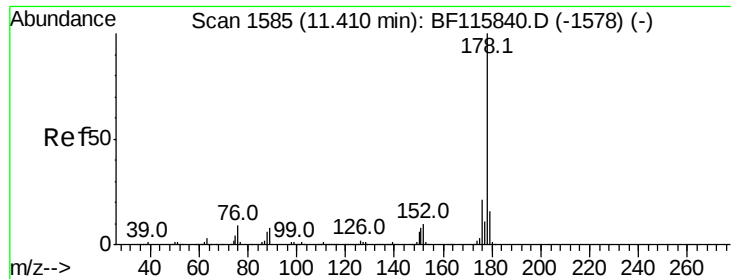
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#70
Pentachlorophenol
Concen: 64.291 ng
RT: 11.16 min Scan# 1542
Delta R.T. -0.02 min
Lab File: BF116312.D
Acq: 16 Aug 2019 10:38

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	181490		
268	64.2	48.8	73.2	
264	63.4	50.6	76.0	





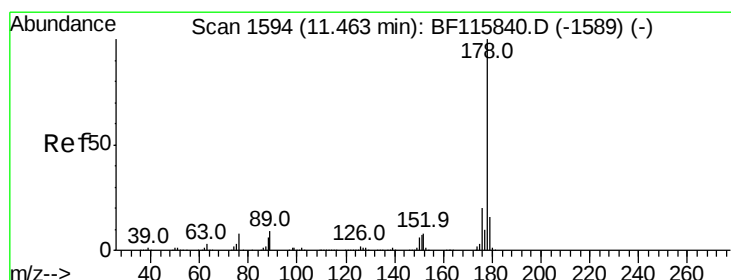
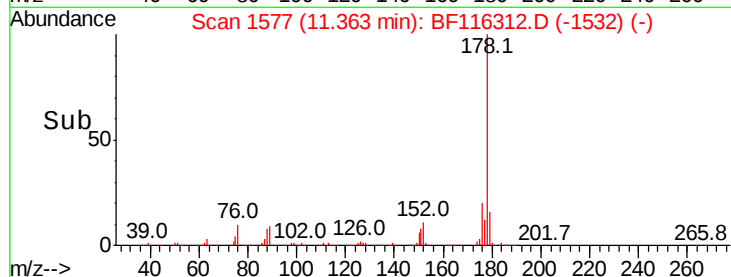
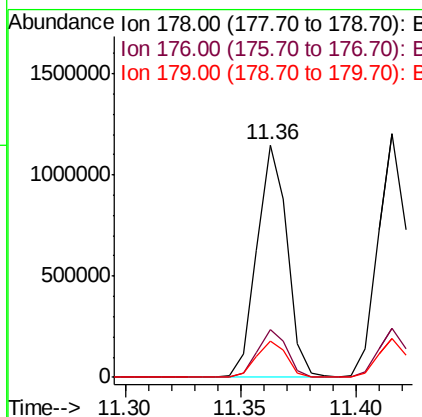
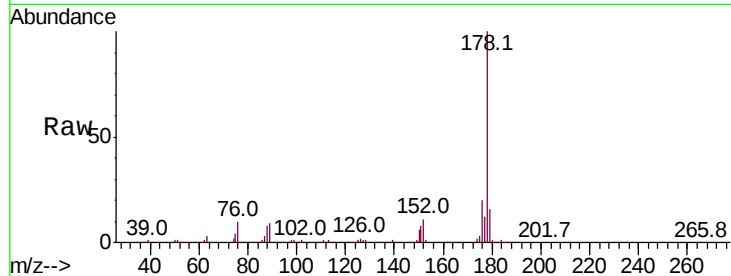
#71
Phenanthrene
Concen: 43.789 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.04 min
Lab File: BF116312.D
Acq: 16 Aug 2019 10:38

Instrument :
BNA_F
ClientSampleId :
PB122277BS

Tot Ion:178 Resp: 1051518
Ion Ratio Lower Upper
178 100
176 20.5 16.6 24.8
179 15.7 12.5 18.7

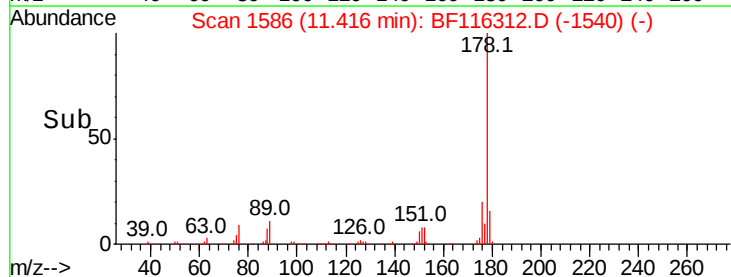
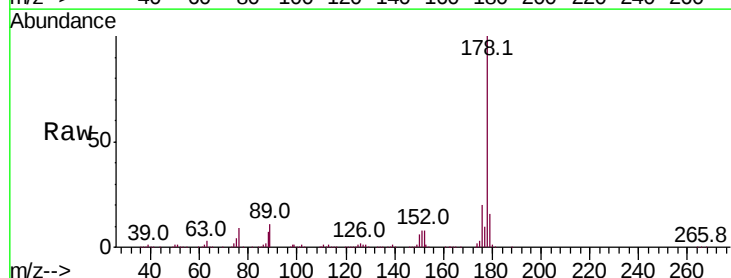
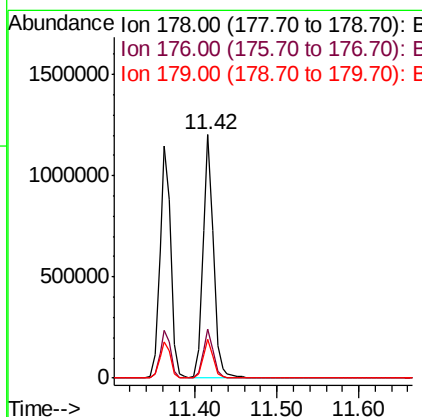
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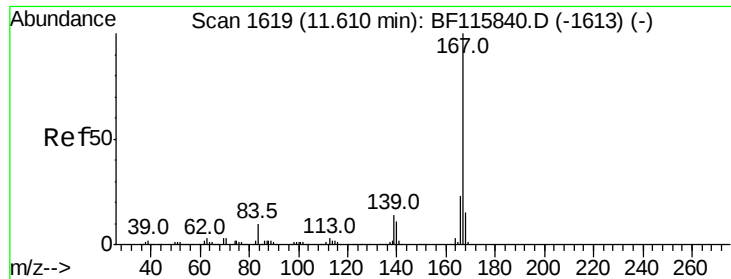
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#72
Anthracene
Concen: 44.800 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.03 min
Lab File: BF116312.D
Acq: 16 Aug 2019 10:38

Tgt Ion:178 Resp: 1088759
Ion Ratio Lower Upper
178 100
176 20.2 15.7 23.5
179 15.9 13.0 19.6





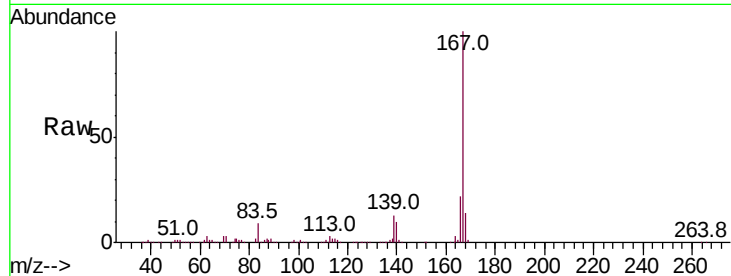
#73
 Carbazole
 Concen: 43.931 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. -0.02 min
 Lab File: BF116312.D
 Acq: 16 Aug 2019 10:38

Instrument :
 BNA_F
 ClientSampleId :
 PB122277BS

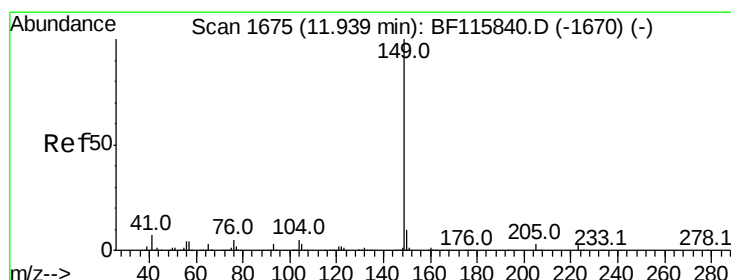
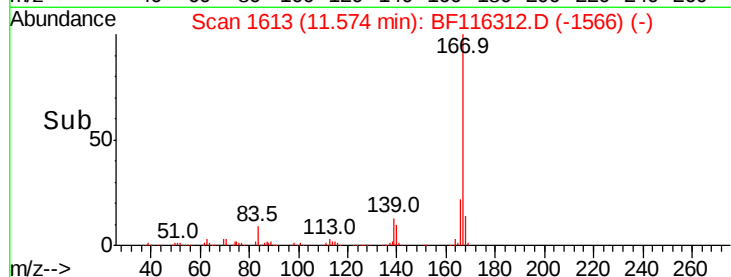
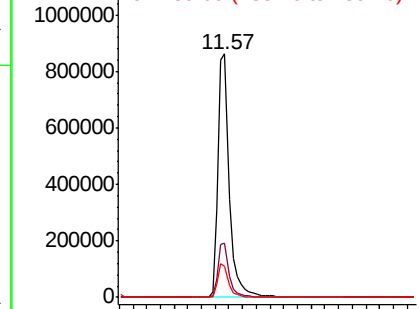
Tot Ion:	167	Resp:	968602
Ion Ratio	Lower	Upper	
167	100		
166	22.1	17.8	26.6
139	13.0	11.4	17.0

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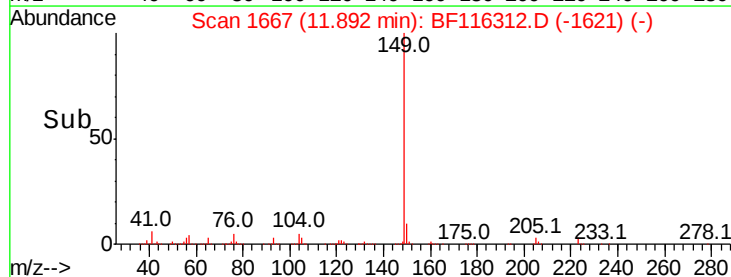
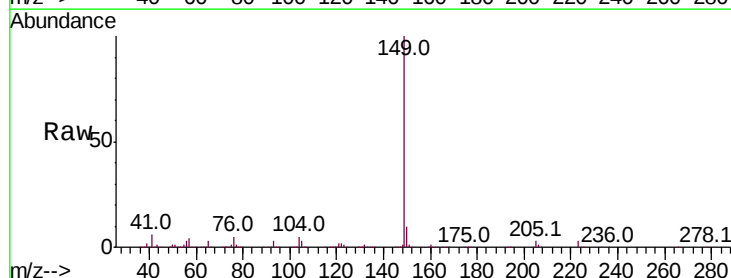
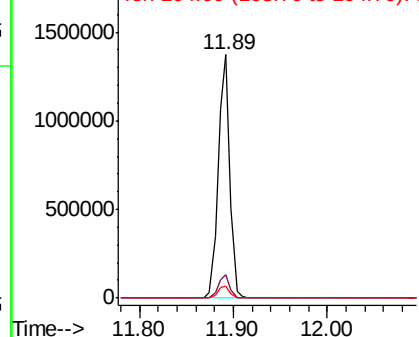
Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

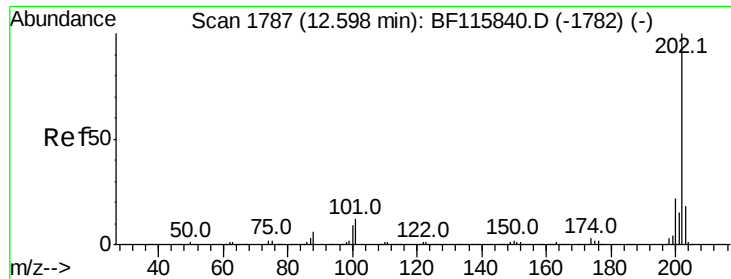


#74
 Di-n-butylphthalate
 Concen: 46.593 ng
 RT: 11.89 min Scan# 1667
 Delta R.T. -0.03 min
 Lab File: BF116312.D
 Acq: 16 Aug 2019 10:38

Tgt Ion:	149	Resp:	1198381
Ion Ratio	Lower	Upper	
149	100		
150	9.6	8.0	12.0
104	5.1	4.5	6.7

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: 42.626 ng

RT: 12.55 min Scan# 1779

Delta R.T. -0.04 min

Lab File: BF116312.D

Acq: 16 Aug 2019 10:38

Instrument :

BNA_F

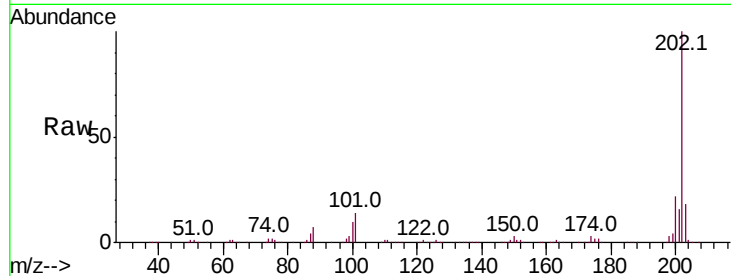
ClientSampleId :

PB122277BS

Tot Ion:	202	Resp:	1071593
Ion Ratio	Lower	Upper	
202	100		
101	13.8	0.0	31.2
203	18.3	0.0	37.8

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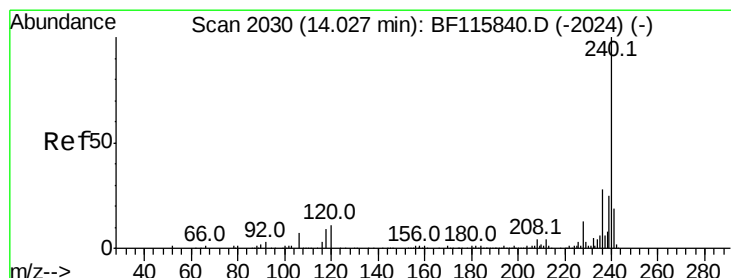
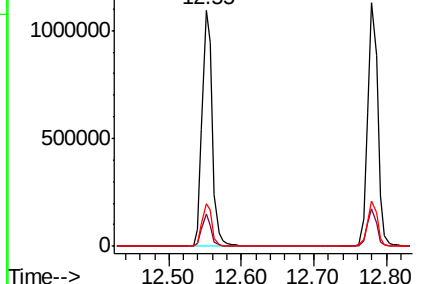
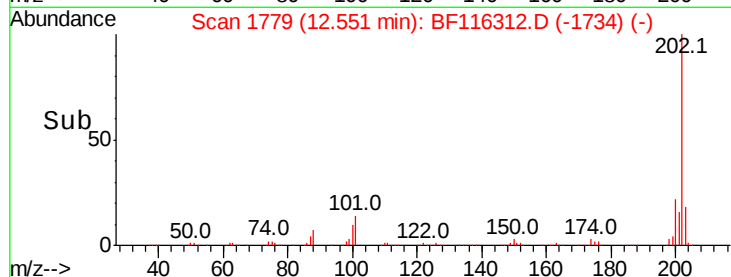
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

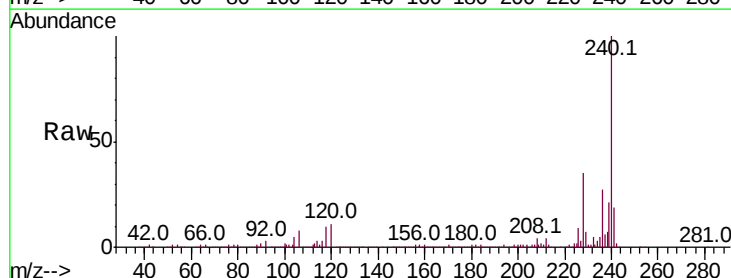
RT: 13.98 min Scan# 2022

Delta R.T. -0.03 min

Lab File: BF116312.D

Acq: 16 Aug 2019 10:38

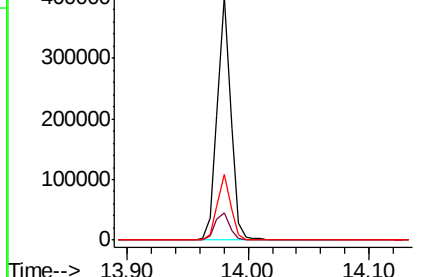
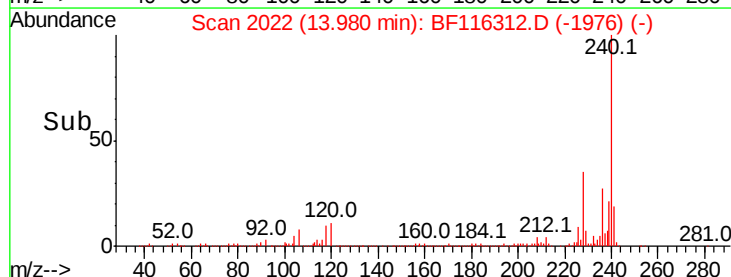
Tgt Ion:	240	Resp:	308439
Ion Ratio	Lower	Upper	
240	100		
120	11.5	10.7	16.1
236	27.0	22.2	33.2

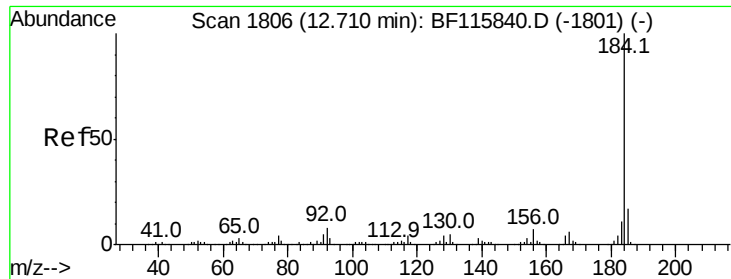


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 26.351 ng

RT: 12.67 min Scan# 1800

Delta R.T. -0.02 min

Lab File: BF116312.D

Acq: 16 Aug 2019 10:38

Instrument :

BNA_F

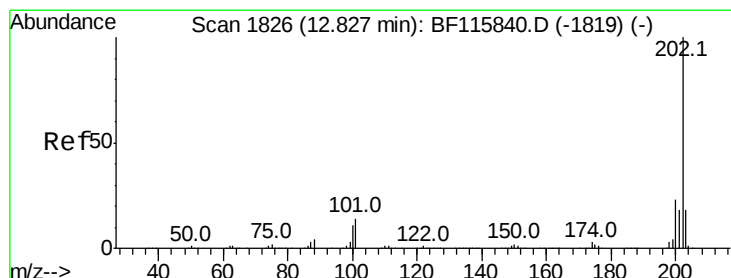
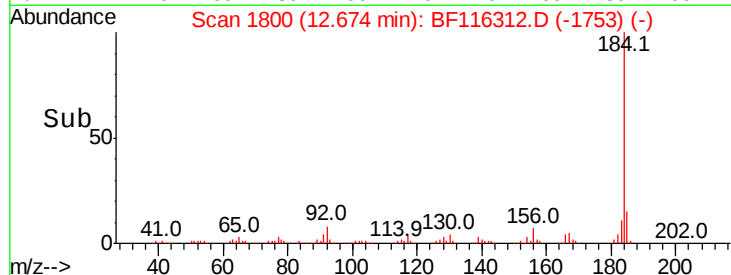
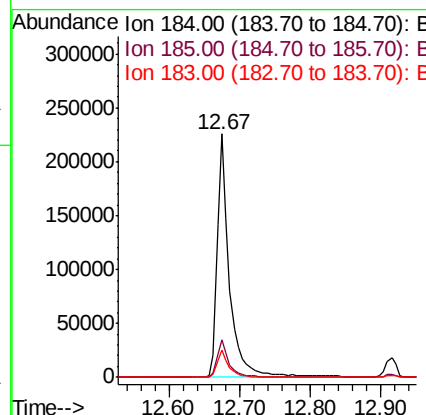
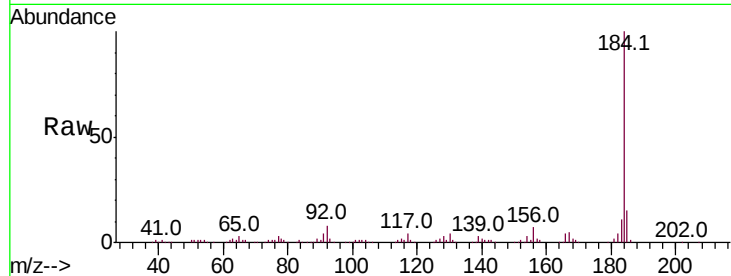
ClientSampleId :

PB122277BS

Tot Ion:	184	Resp:	274589
Ion Ratio	Lower	Upper	
184	100		
185	15.4	12.8	19.2
183	11.1	9.4	14.0

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#78

Pyrene

Concen: 47.047 ng

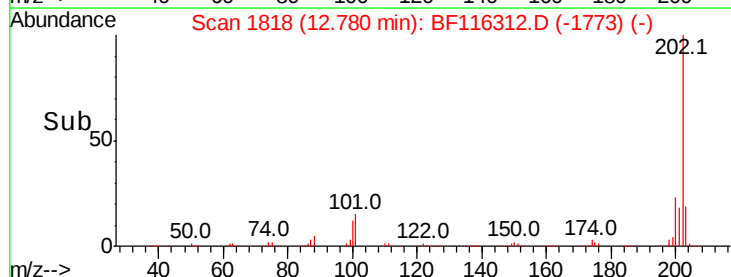
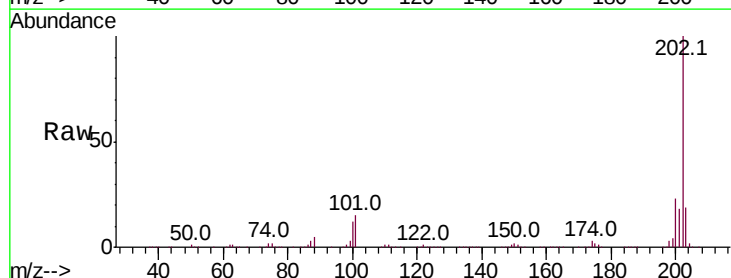
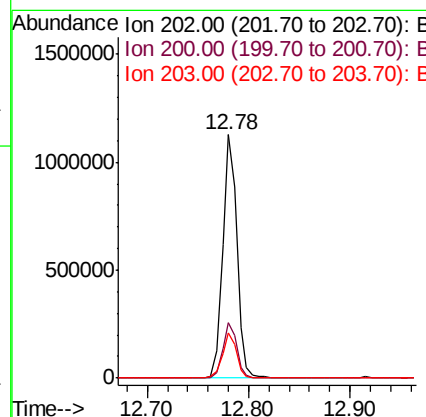
RT: 12.78 min Scan# 1818

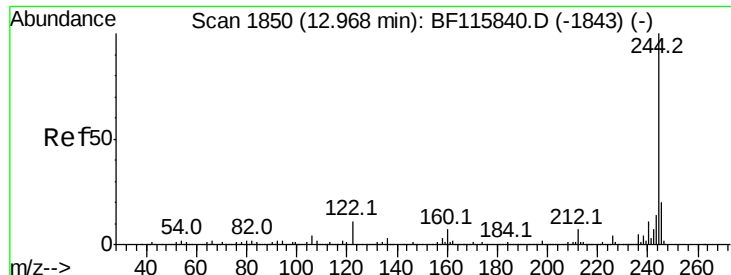
Delta R.T. -0.04 min

Lab File: BF116312.D

Acq: 16 Aug 2019 10:38

Tgt Ion:	202	Resp:	1093863
Ion Ratio	Lower	Upper	
202	100		
200	22.8	18.0	27.0
203	18.6	14.1	21.1





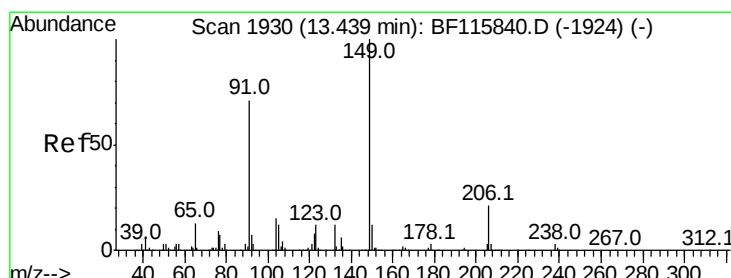
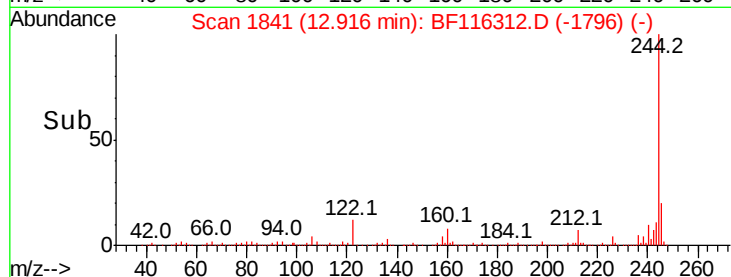
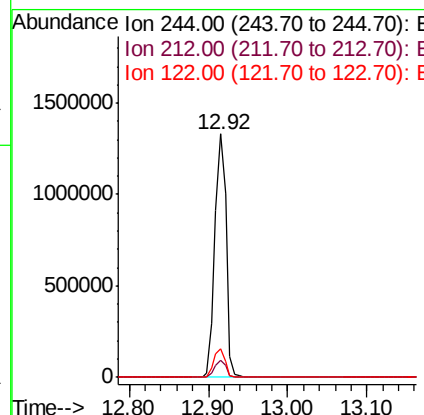
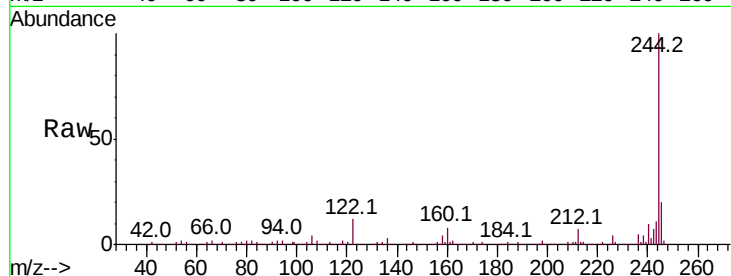
#79
 Terphenyl-d14
 Concen: 90.091 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: BF116312.D
 Acq: 16 Aug 2019 10:38

Instrument :
 BNA_F
 ClientSampleId :
 PB122277BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	12.0	9.0	13.4

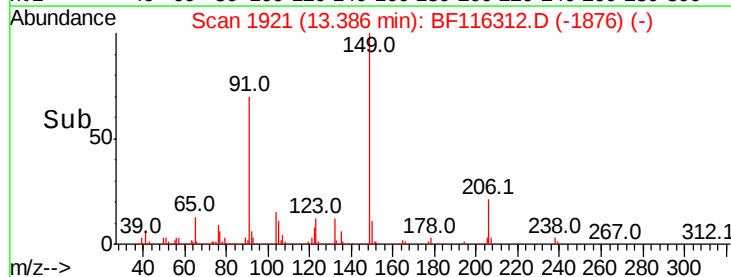
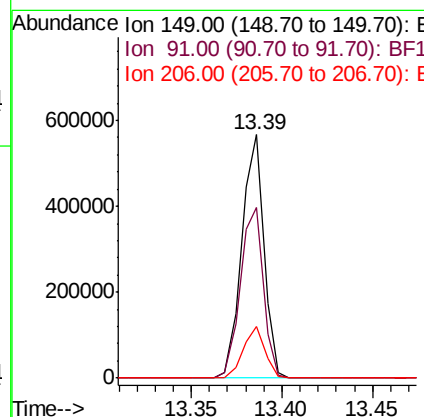
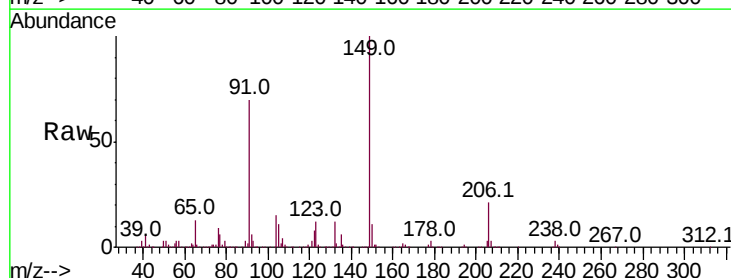
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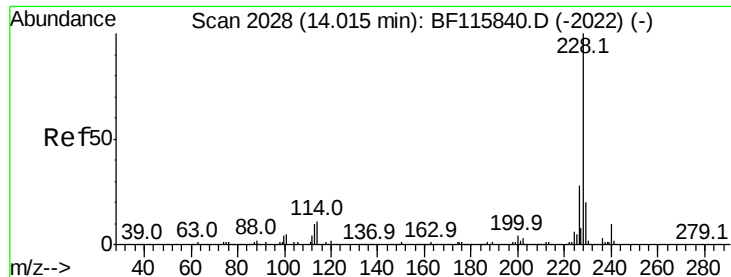
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#80
 Butylbenzylphthalate
 Concen: 49.157 ng
 RT: 13.39 min Scan# 1921
 Delta R.T. -0.04 min
 Lab File: BF116312.D
 Acq: 16 Aug 2019 10:38

Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.1	56.3	84.5
206	21.3	18.0	27.0





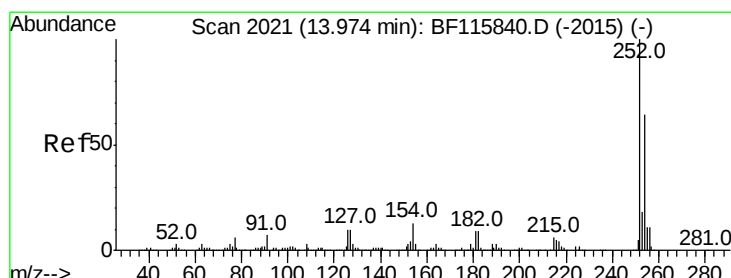
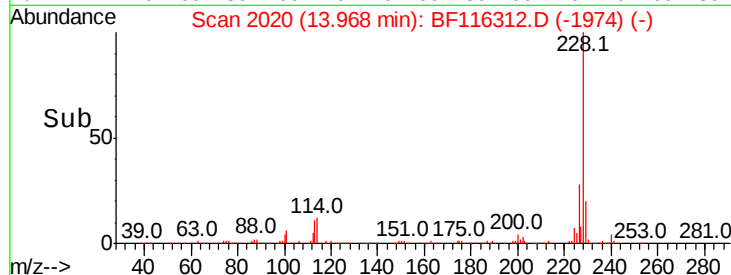
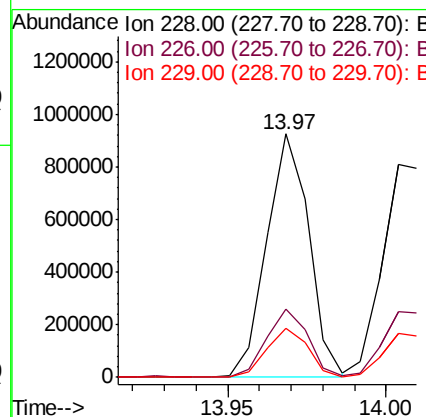
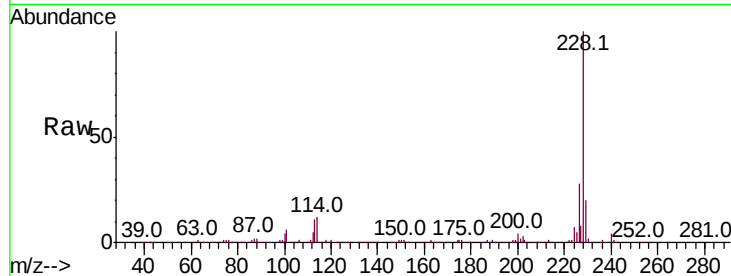
#81
Benzo(a)anthracene
Concen: 43.323 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.03 min
Lab File: BF116312.D
Acq: 16 Aug 2019 10:38

Instrument :
BNA_F
ClientSampleId :
PB122277BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.7	34.1
229	20.1	16.2	24.4

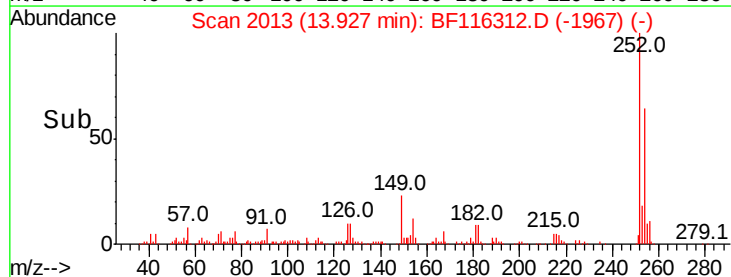
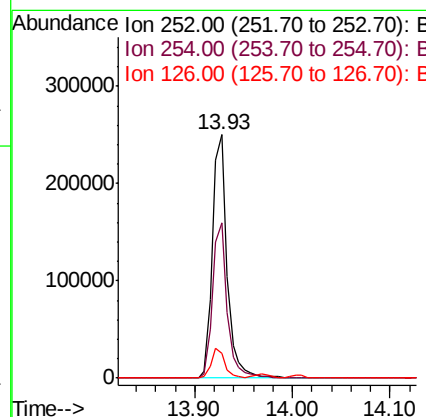
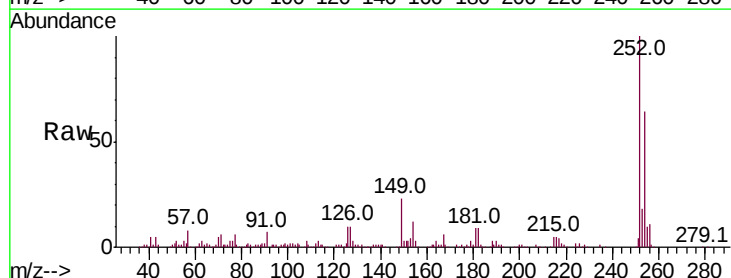
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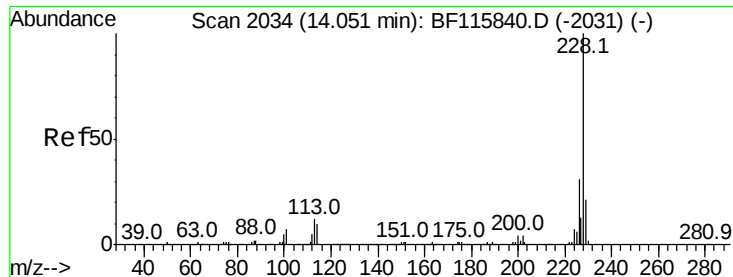
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#82
3,3'-Dichlorobenzidine
Concen: 38.509 ng
RT: 13.93 min Scan# 2013
Delta R.T. -0.03 min
Lab File: BF116312.D
Acq: 16 Aug 2019 10:38

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.0	50.9	76.3
126	10.3	9.8	14.8





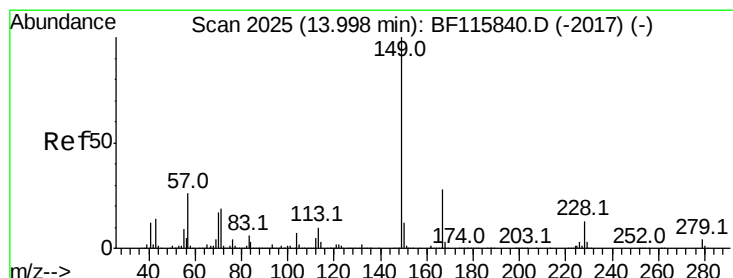
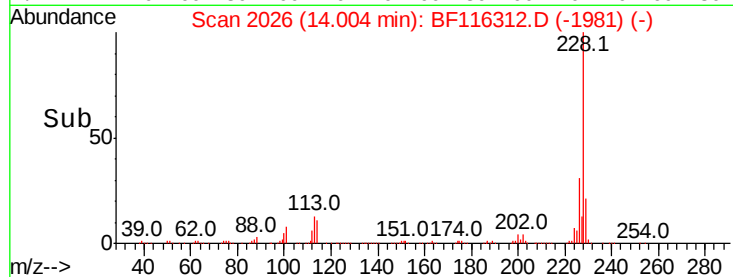
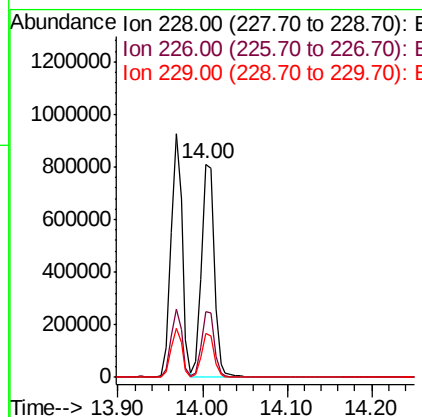
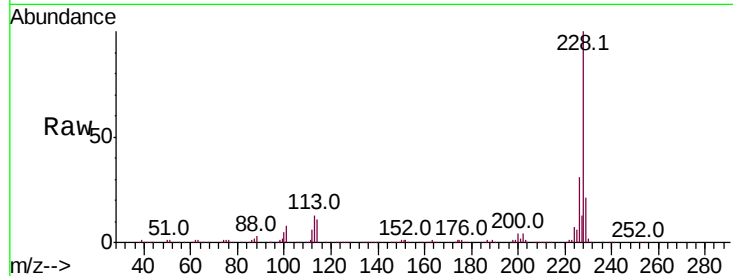
#83
 Chrysene
 Concen: 44.458 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.04 min
 Lab File: BF116312.D
 Acq: 16 Aug 2019 10:38

Instrument :
 BNA_F
 ClientSampleId :
 PB122277BS

Tot Ion	Ratio	Resp	Lower	Upper
228	100	850907		
226	31.0		25.5	38.3
229	20.6		16.6	24.8

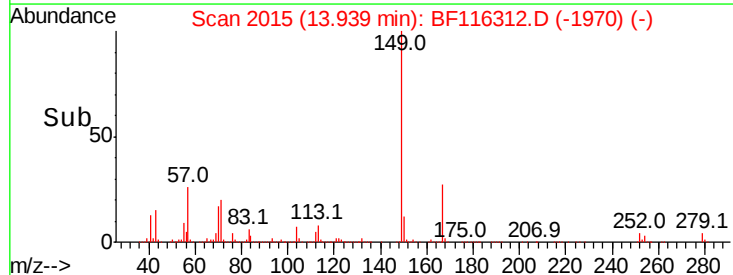
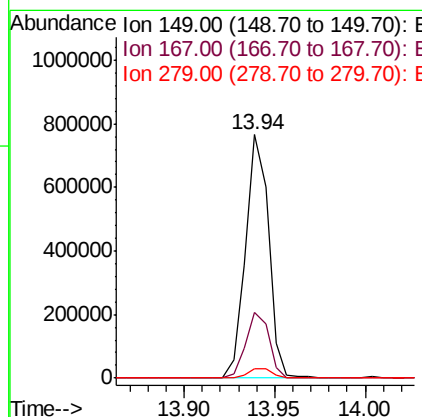
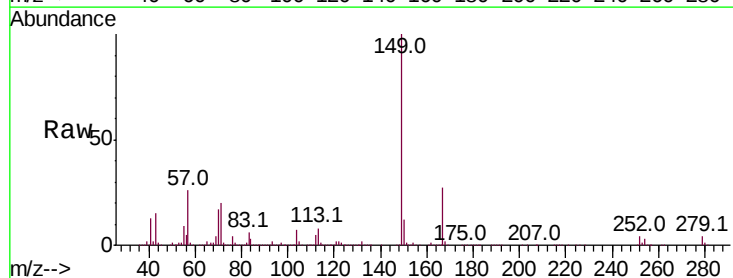
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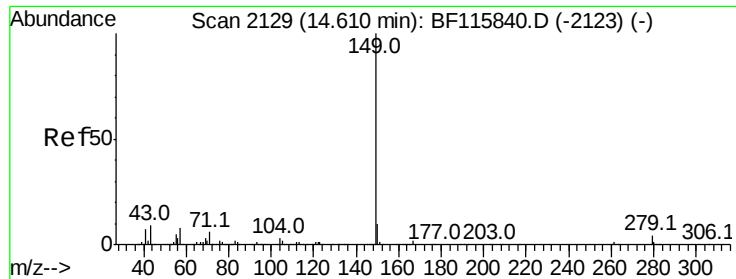
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 53.030 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. -0.04 min
 Lab File: BF116312.D
 Acq: 16 Aug 2019 10:38

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	677762		
167	27.0		21.6	32.4
279	3.7		3.0	4.4





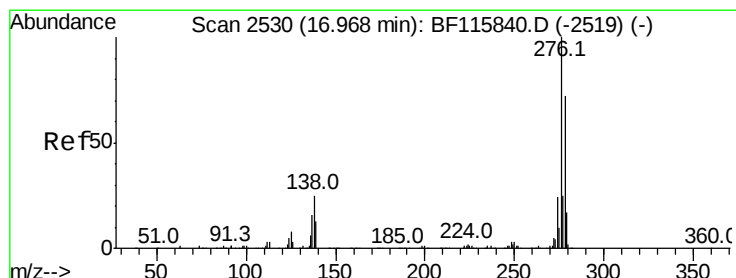
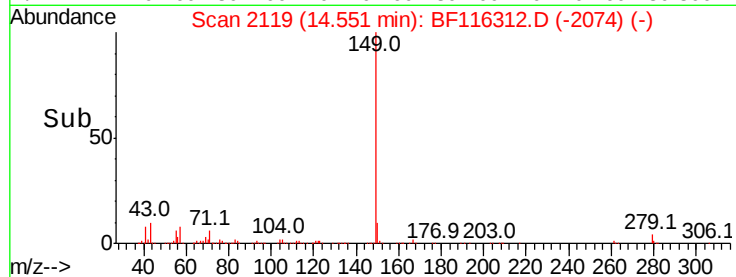
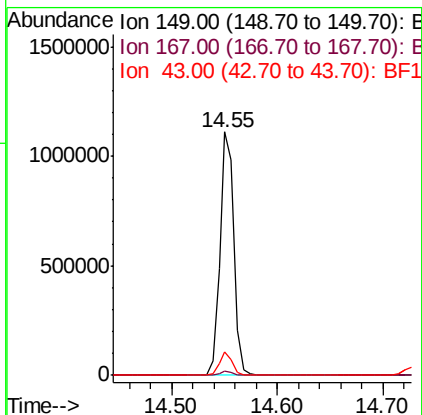
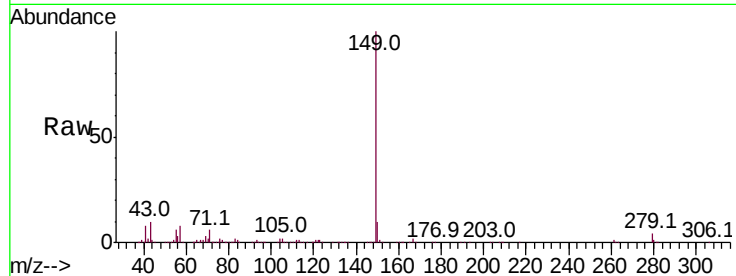
#85
Di-n-octyl phthalate
Concen: 50.757 ng
RT: 14.55 min Scan# 2119
Delta R.T. -0.04 min
Lab File: BF116312.D
Acq: 16 Aug 2019 10:38

Instrument :
BNA_F
ClientSampleId :
PB122277BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.0
43	9.0	7.5	11.3

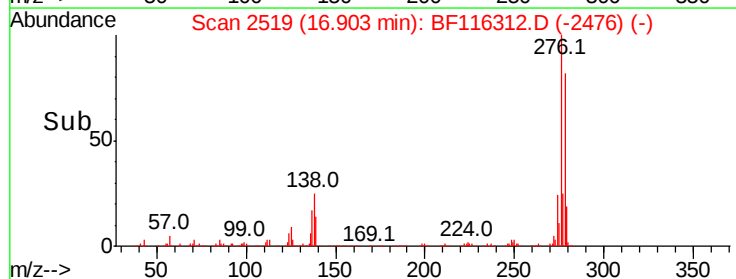
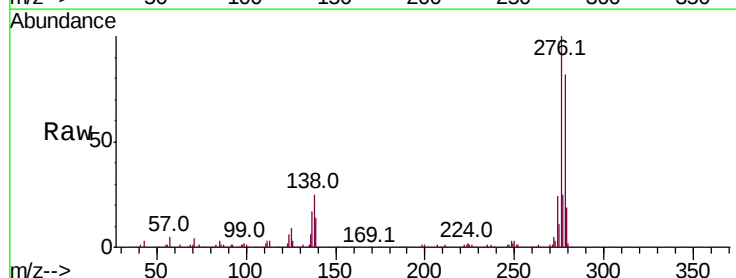
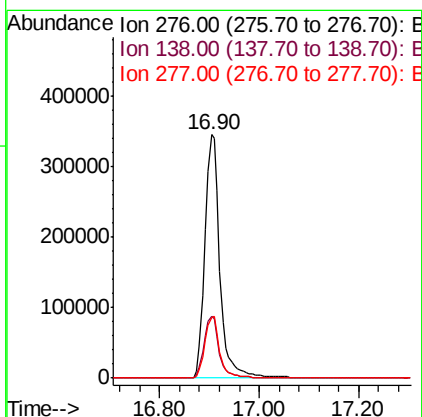
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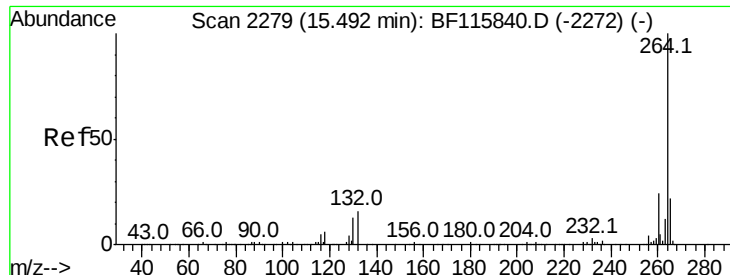
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#86
Indeno(1,2,3-cd)pyrene
Concen: 45.506 ng
RT: 16.90 min Scan# 2519
Delta R.T. -0.05 min
Lab File: BF116312.D
Acq: 16 Aug 2019 10:38

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.7	20.4	30.6
277	24.9	20.0	30.0





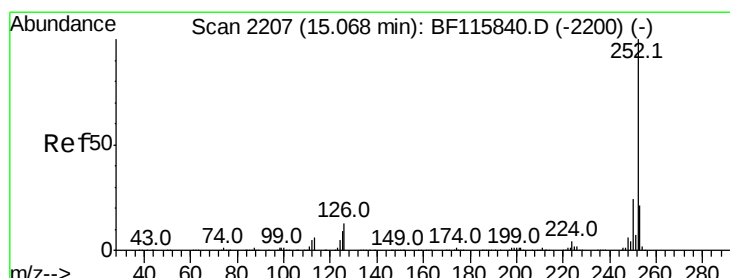
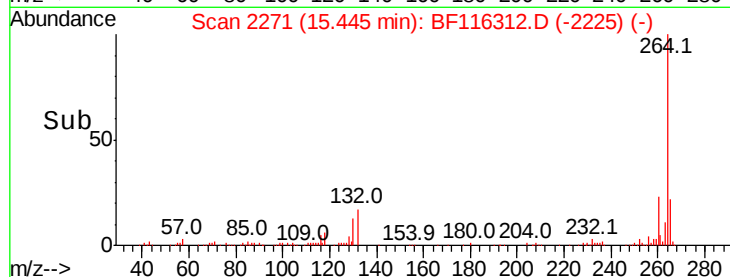
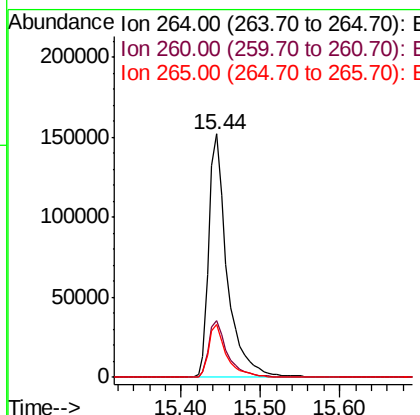
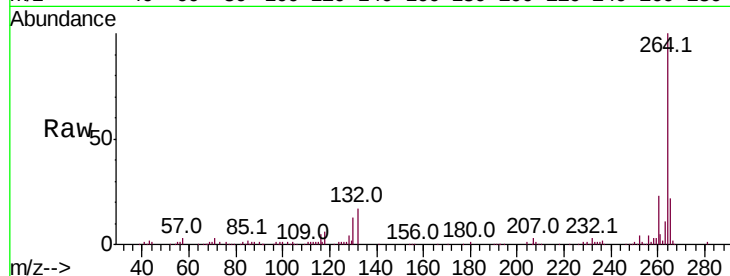
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.03 min
Lab File: BF116312.D
Acq: 16 Aug 2019 10:38

Instrument :
BNA_F
ClientSampleId :
PB122277BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.7	29.5
265	21.5	17.4	26.0

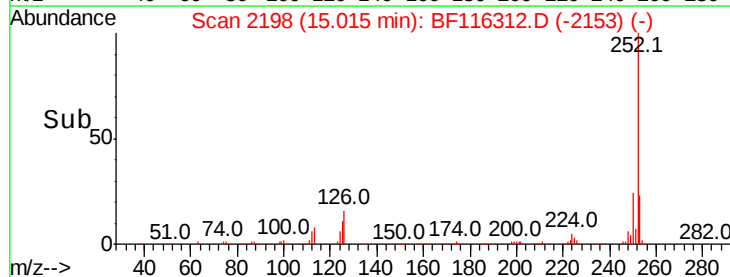
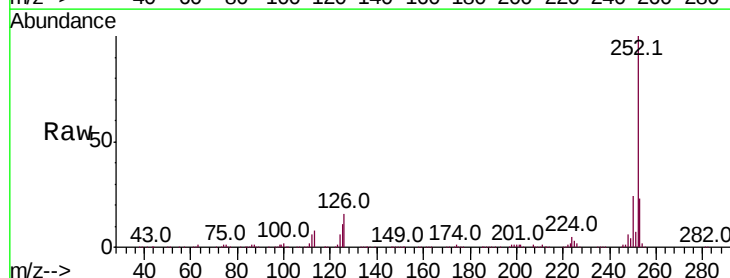
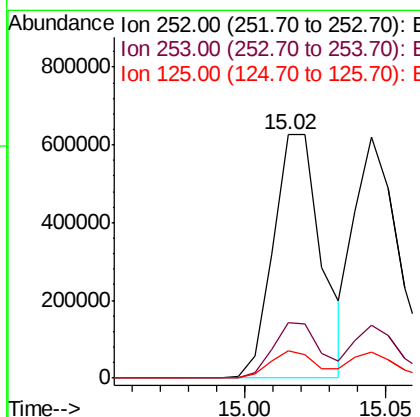
Manual Integrations
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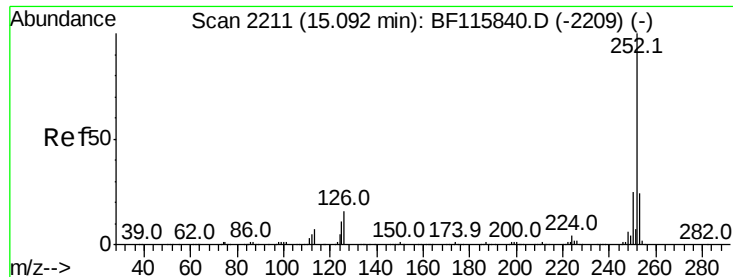
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#88
Benzo(b)fluoranthene
Concen: 52.610 ng
RT: 15.02 min Scan# 2198
Delta R.T. -0.04 min
Lab File: BF116312.D
Acq: 16 Aug 2019 10:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.8
125	11.4	8.4	12.6





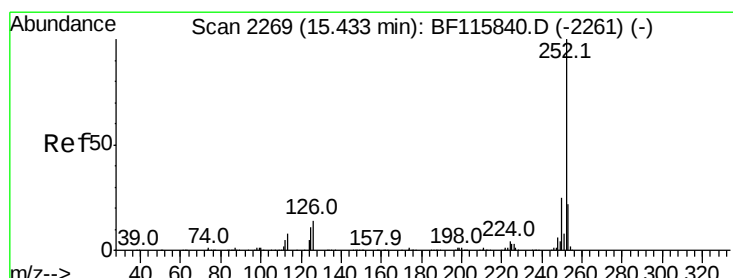
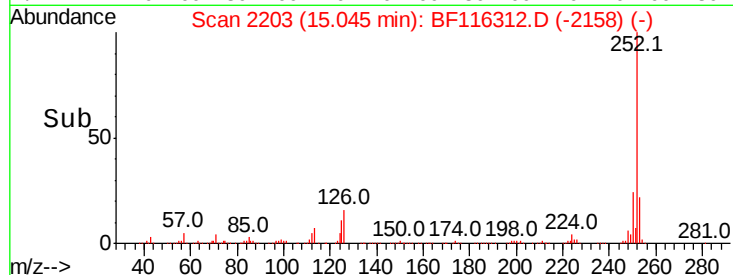
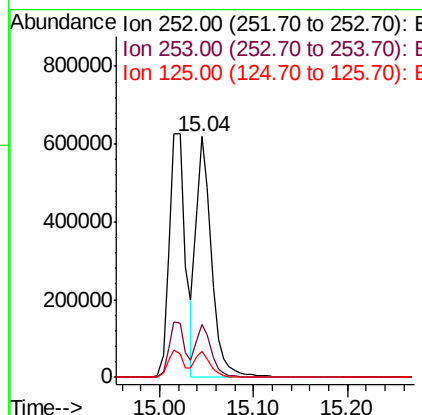
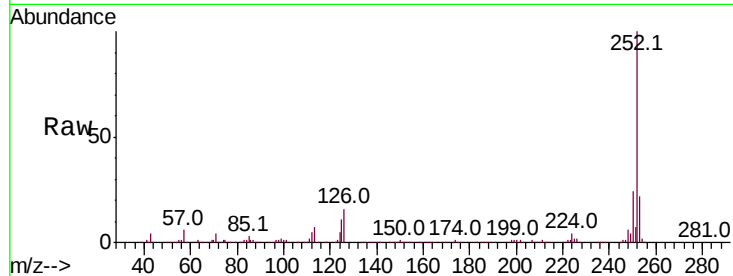
#89
Benzo(k)fluoranthene
Concen: 51.155 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.04 min
Lab File: BF116312.D
Acq: 16 Aug 2019 10:38

Instrument :
BNA_F
ClientSampleId :
PB122277BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.8
125	11.0	7.7	11.5

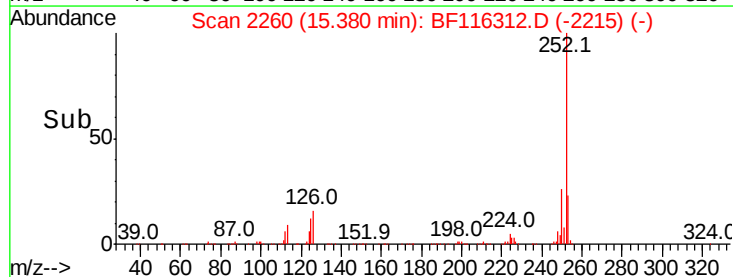
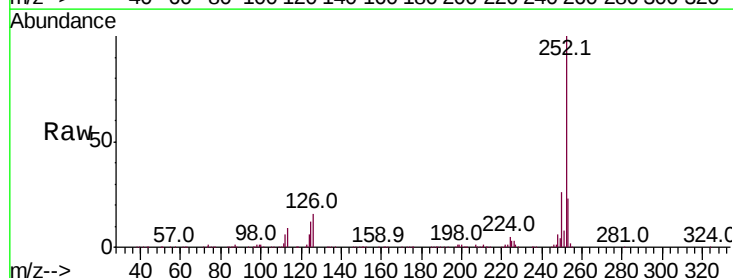
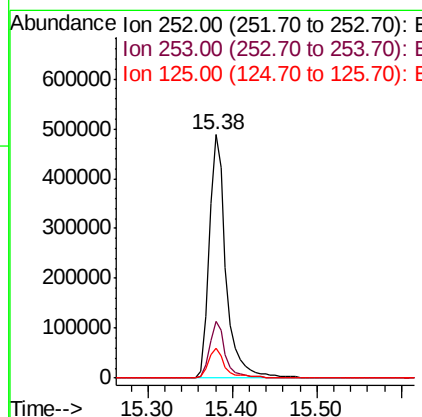
Manual Integrations
APPROVED

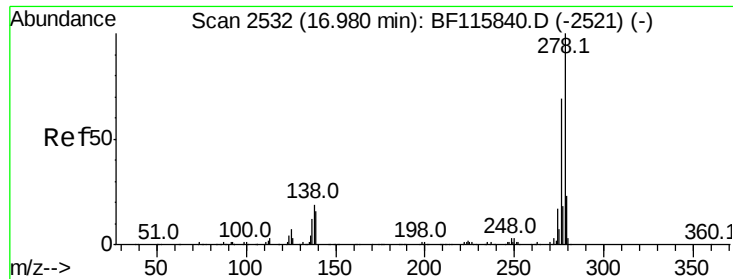
mohammad
8/20/2019 8:36:46 AM



#90
Benzo(a)pyrene
Concen: 53.568 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.04 min
Lab File: BF116312.D
Acq: 16 Aug 2019 10:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.0	27.0
125	12.4	8.9	13.3





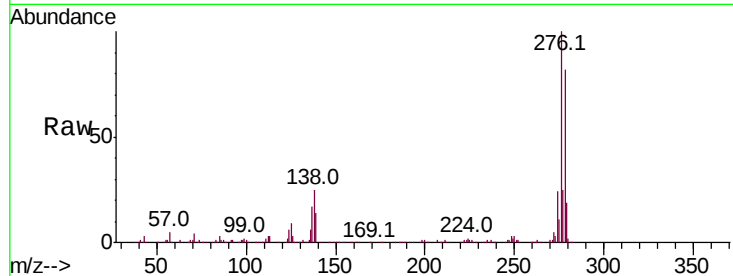
#91
Dibenzo(a,h)anthracene
Concen: 56.793 ng
RT: 16.90 min Scan# 2519
Delta R.T. -0.05 min
Lab File: BF116312.D
Acq: 16 Aug 2019 10:38

Instrument :
BNA_F
ClientSampleId :
PB122277BS

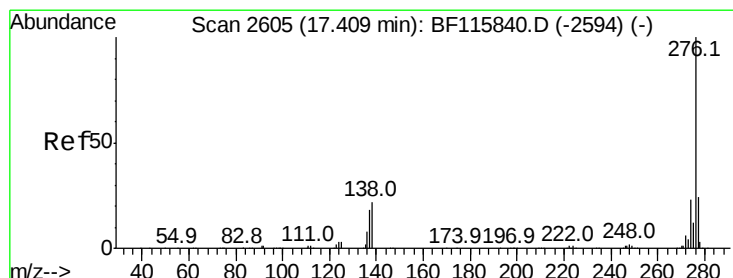
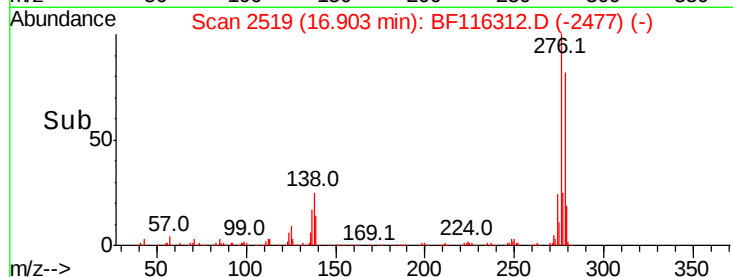
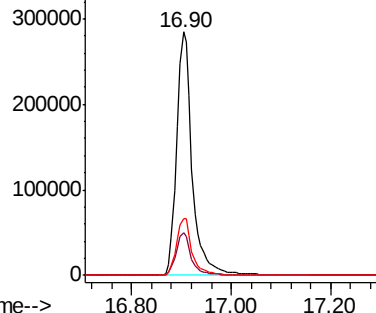
Tot Ion	Ratio	Lower	Upper
278	100		
139	17.5	12.8	19.2
279	23.5	18.8	28.2

Manual Integrations
APPROVED

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Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 57.241 ng
RT: 17.34 min Scan# 2594
Delta R.T. -0.04 min
Lab File: BF116312.D
Acq: 16 Aug 2019 10:38

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.4	27.6
138	22.2	17.0	25.6

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

