

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012919\
 Data File : BF112294.D
 Acq On : 29 Jan 2019 14:48
 Operator : JU/SJ
 Sample : K1008-03MS 2X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-012819MS

Manual Integrations
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mohammad
 1/30/2019 11:08:26 AM

Quant Time: Jan 30 00:34:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	162433	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	583399	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	244678	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	392539	20.00	ng	0.00
76) Chrysene-d12	14.00	240	361570	20.00	ng	0.00
87) Perylene-d12	15.47	264	400099	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	650267	85.03	ng	0.00
7) Phenol-d6	6.49	99	786913	74.05	ng	0.00
23) Nitrobenzene-d5	7.40	82	478901	47.30	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	175430	61.60	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	897247	51.86	ng	-0.01
79) Terphenyl-d14	12.95	244	709068	36.94	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.60	88	70303	23.078	ng	95
3) Pyridine	3.38	79	186619	24.082	ng	99
4) n-Nitrosodimethylamine	3.30	42	88242	27.104	ng	88
6) Aniline	6.50	93	143908	11.384	ng	# 6
8) 2-Chlorophenol	6.63	128	223803	21.755	ng	97
9) Benzaldehyde	6.39	77	157124	28.290	ng	97
10) Phenol	6.50	94	260704	22.362	ng	90
11) bis(2-Chloroethyl)ether	6.57	93	193842	21.119	ng	97
12) 1,3-Dichlorobenzene	6.78	146	246253	20.554	ng	99
13) 1,4-Dichlorobenzene	6.86	146	250697	20.332	ng	99
14) 1,2-Dichlorobenzene	7.01	146	237419	20.566	ng	97
15) Benzyl Alcohol	6.98	79	178716	19.951	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.11	45	245975	20.873	ng	66
17) 2-Methylphenol	7.10	107	164605	20.184	ng	93
18) Hexachloroethane	7.35	117	91839	21.211	ng	93
19) n-Nitroso-di-n-propylamine	7.25	70	147625	20.147	ng	99
20) 3+4-Methylphenols	7.26	107	215841	20.697	ng	# 63
22) Acetophenone	7.25	105	315489	22.208	ng	# 93
24) Nitrobenzene	7.42	77	209710	20.739	ng	99
25) Isophorone	7.66	82	376043	23.674	ng	# 98
26) 2-Nitrophenol	7.74	139	113414	20.987	ng	97
27) 2,4-Dimethylphenol	7.78	122	175507	23.573	ng	97
28) bis(2-Chloroethoxy)methane	7.86	93	238309	22.034	ng	99
29) 2,4-Dichlorophenol	7.99	162	172267	20.676	ng	98
30) 1,2,4-Trichlorobenzene	8.06	180	196027	20.468	ng	99
31) Naphthalene	8.15	128	609836	22.353	ng	99
33) 4-Chloroaniline	8.19	127	118173	9.948	ng	98
34) Hexachlorobutadiene	8.26	225	111516	19.842	ng	97
35) Caprolactam	8.54	113	60589	20.614	ng	# 64
36) 4-Chloro-3-methylphenol	8.69	107	159679	18.104	ng	97
37) 2-Methylnaphthalene	8.83	142	434665	23.273	ng	98
38) 1-Methylnaphthalene	8.93	142	388394	21.696	ng	95
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	180937	22.522	ng	98
41) Hexachlorocyclopentadiene	8.99	237	35882	19.889	ng	99

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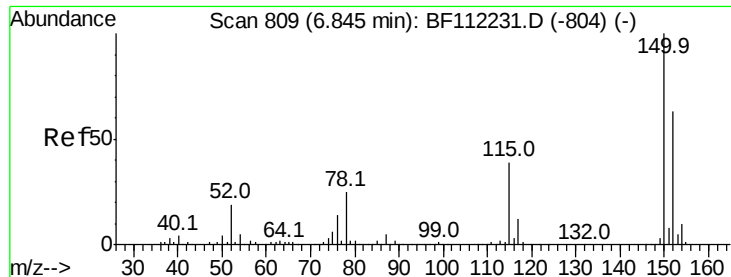
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	9.12	196	108477	21.906	nq	99
44) 2,4,5-Trichlorophenol	9.17	196	105392	20.364	nq	# 94
46) 1,1'-Biphenyl	9.29	154	485846	22.713	nq	99
47) 2-Chloronaphthalene	9.32	162	356743	21.506	nq	97
48) 2-Nitroaniline	9.42	65	92831	20.533	nq	88
49) Acenaphthylene	9.74	152	555249	22.838	nq	98
50) Dimethylphthalate	9.59	163	447407	23.535	nq	99
51) 2,6-Dinitrotoluene	9.66	165	86370	20.286	nq	94
52) Acenaphthene	9.91	154	310740	21.395	nq	98
53) 3-Nitroaniline	9.83	138	68209	14.788	nq	95
54) 2,4-Dinitrophenol	9.95	184	13457	9.849	nq	# 74
55) Dibenzofuran	10.08	168	462043	20.818	nq	98
56) 4-Nitrophenol	10.02	139	76407	31.332	nq	84
57) 2,4-Dinitrotoluene	10.06	165	105200	19.409	nq	# 88
58) Fluorene	10.42	166	368468	22.185	nq	97
59) 2,3,4,6-Tetrachlorophenol	10.20	232	74608m	19.076	nq	
60) Diethylphthalate	10.29	149	382979	20.300	nq	98
61) 4-Chlorophenyl-phenylether	10.41	204	177851	19.685	nq	93
62) 4-Nitroaniline	10.44	138	71446	15.792	nq	98
63) Azobenzene	10.57	77	312559	18.838	nq	98
65) 4,6-Dinitro-2-methylphenol	10.48	198	23530	10.691	nq	80
66) n-Nitrosodiphenylamine	10.53	169	306593	23.175	nq	99
67) 4-Bromophenyl-phenylether	10.90	248	98685	21.375	nq	95
68) Hexachlorobenzene	10.98	284	100361	20.261	nq	96
69) Atrazine	11.05	200	97378	22.812	nq	97
70) Pentachlorophenol	11.17	266	58707	30.460	nq	98
71) Phenanthrene	11.39	178	556401	27.264	nq	97
72) Anthracene	11.44	178	494507	24.326	nq	99
73) Carbazole	11.59	167	399310	19.913	nq	99
74) Di-n-butylphthalate	11.92	149	513174	20.618	nq	97
75) Fluoranthene	12.57	202	627276	28.658	nq	99
77) Benzidine	12.70	184	176092	17.695	nq	96
78) Pyrene	12.81	202	657411	26.262	nq	98
80) Butylbenzylphthalate	13.41	149	217363	17.947	nq	93
81) Benzo(a)anthracene	13.99	228	562393	26.459	nq	99
82) 3,3'-Dichlorobenzidine	13.95	252	69217	8.702	nq	99
83) Chrysene	14.03	228	539110	26.572	nq	98
84) Bis(2-ethylhexyl)phthalate	13.97	149	314794	18.311	nq	97
85) Di-n-octyl phthalate	14.58	149	565271	21.371	nq	100
86) Indeno(1,2,3-cd)pyrene	16.95	276	504201	31.362	nq	97
88) Benzo(b)fluoranthene	15.04	252	608127	25.415	nq	99
89) Benzo(k)fluoranthene	15.07	252	542219	23.658	nq	98
90) Benzo(a)pyrene	15.41	252	574146	26.667	nq	98
91) Dibenzo(a,h)anthracene	16.96	278	399737	23.037	nq	98
92) Benzo(g,h,i)perylene	17.40	276	395368	24.151	nq	98

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



#1

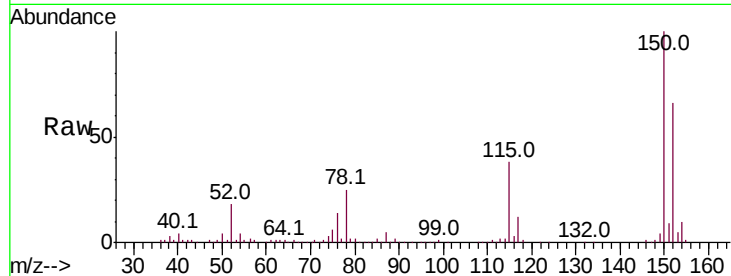
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF112294.D
Acq: 29 Jan 2019 14:48

Instrument :
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HD-01-012819MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.0	127.4	191.0
115	57.6	45.5	68.3

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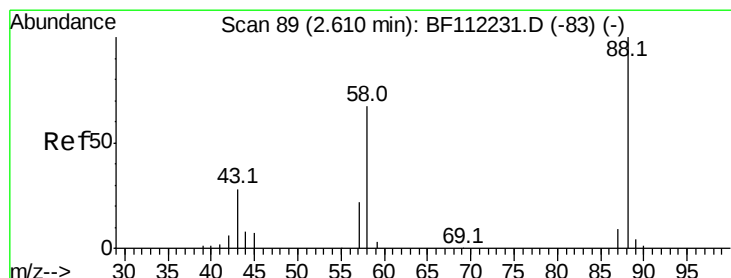
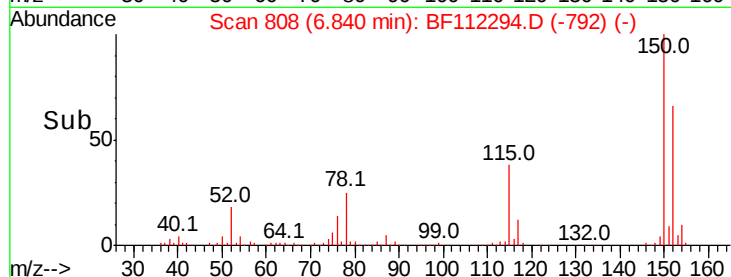
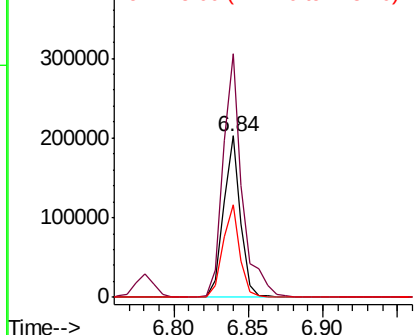


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

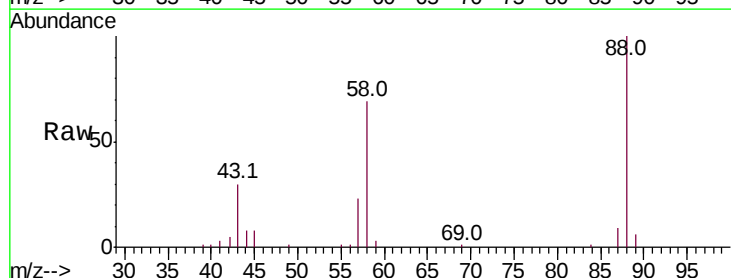
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 23.078 ng
RT: 2.60 min Scan# 88
Delta R.T. -0.01 min
Lab File: BF112294.D
Acq: 29 Jan 2019 14:48

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.2	57.4	86.2
43	30.7	22.2	33.4

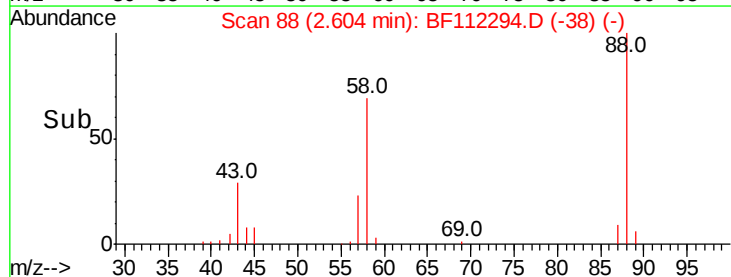
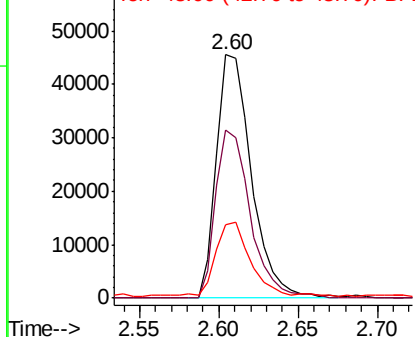


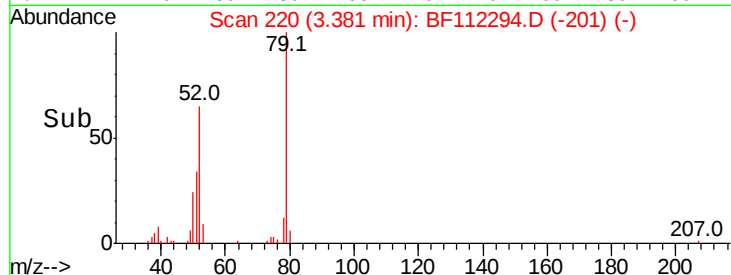
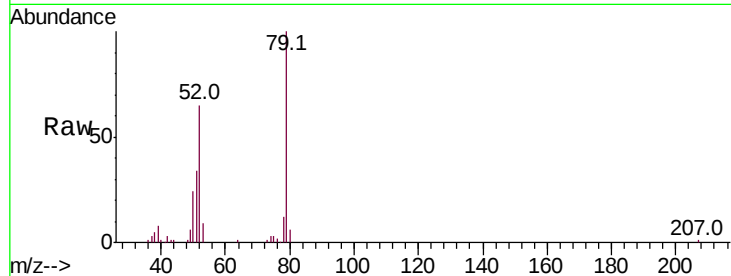
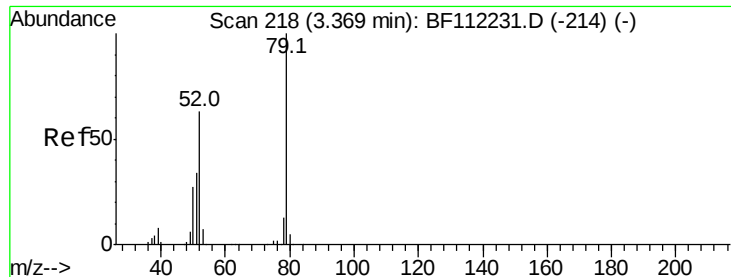
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





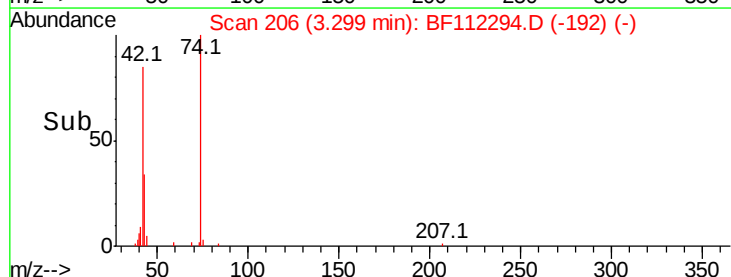
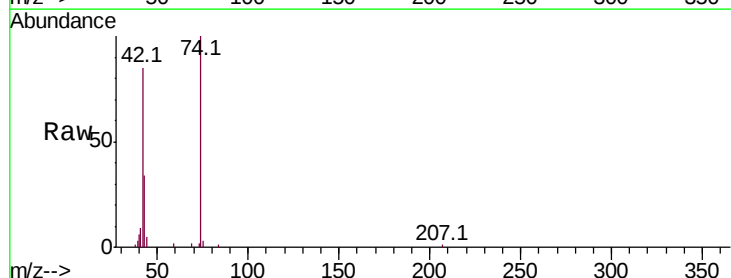
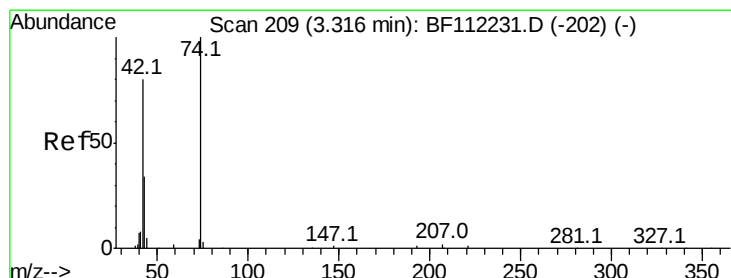
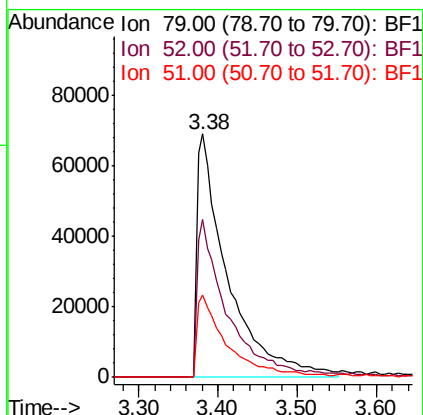
#3
Pvridine
Concen: 24.082 ng
RT: 3.38 min Scan# 220
Delta R.T. 0.01 min
Lab File: BF112294.D
Acq: 29 Jan 2019 14:48

Tot Ion	Ratio	Lower	Upper
79	100		
52	64.9	52.4	78.6
51	33.9	26.1	39.1

Instrument :
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ClientSampleId :
HD-01-012819MS

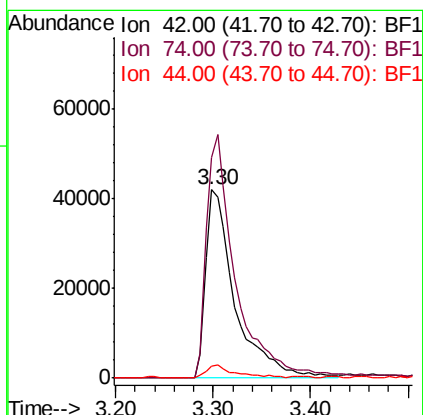
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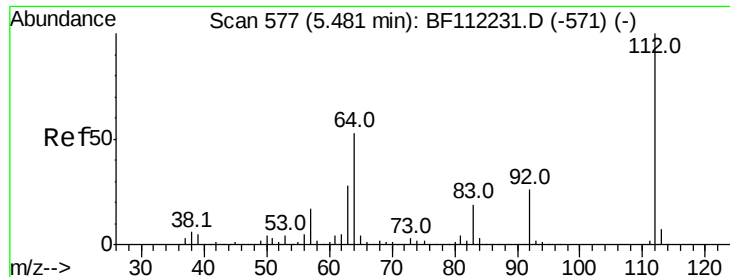
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#4
n-Nitrosodimethylamine
Concen: 27.104 ng
RT: 3.30 min Scan# 206
Delta R.T. -0.02 min
Lab File: BF112294.D
Acq: 29 Jan 2019 14:48

Tgt Ion	Ratio	Lower	Upper
42	100		
74	117.1	105.6	158.4
44	6.4	5.4	8.2





#5

2-Fluorophenol

Concen: 85.033 ng

RT: 5.47 min Scan# 576

Delta R.T. -0.01 min

Lab File: BF112294.D

Acq: 29 Jan 2019 14:48

Instrument :

BNA_F

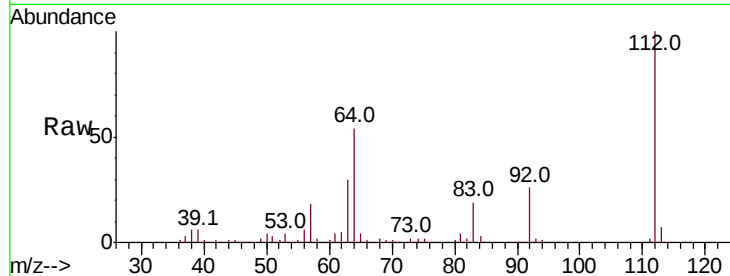
ClientSampleId :

HD-01-012819MS

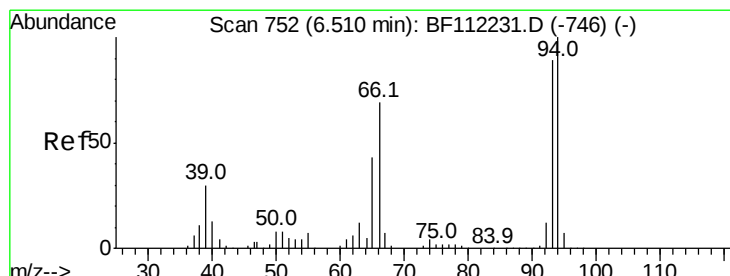
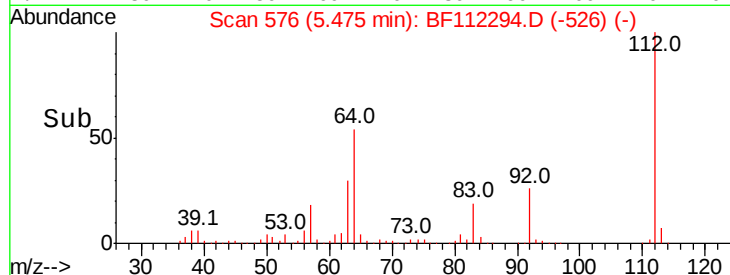
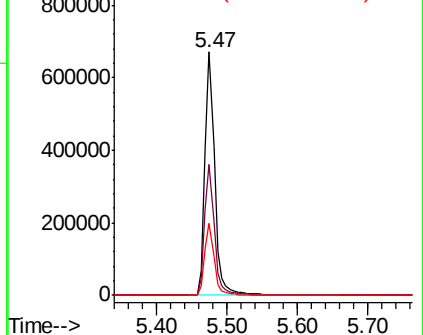
Tot Ion:	112	Resp:	650267
Ion Ratio	Lower	Upper	
112	100		
64	54.0	45.7	68.5
63	29.6	23.6	35.4

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



#6

Aniline

Concen: 11.384 ng

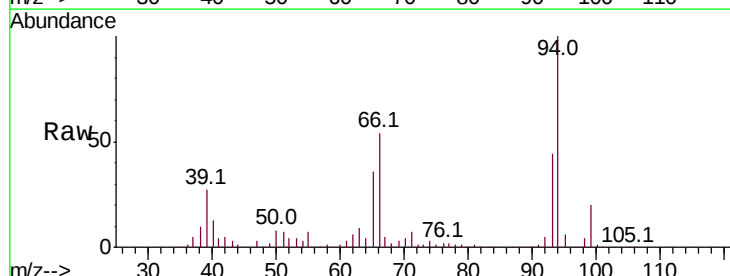
RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

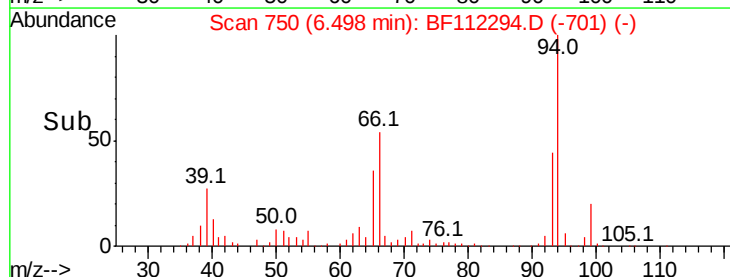
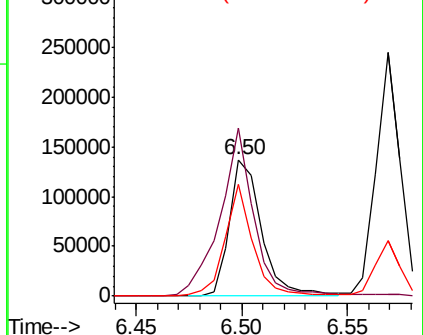
Lab File: BF112294.D

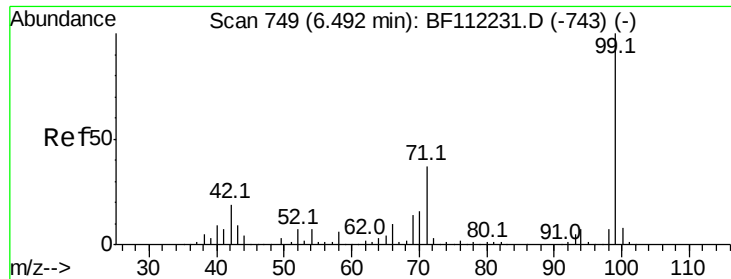
Acq: 29 Jan 2019 14:48

Tgt Ion:	93	Resp:	143908
Ion Ratio	Lower	Upper	
93	100		
66	123.1	43.4	65.2#
65	82.4	25.3	37.9#



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





#7

Phenol-d6

Concen: 74.054 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112294.D

Acq: 29 Jan 2019 14:48

Instrument :

BNA_F

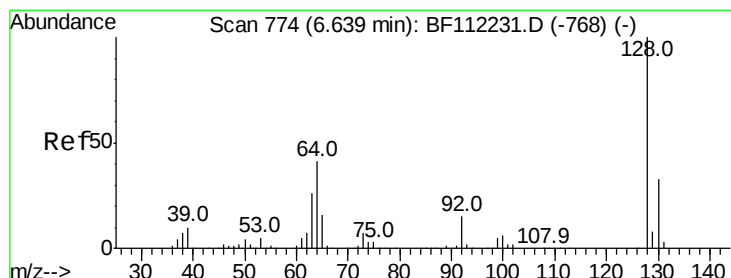
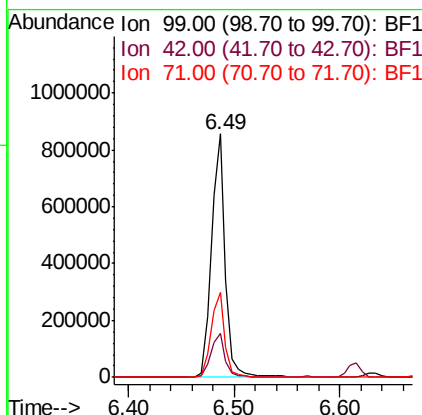
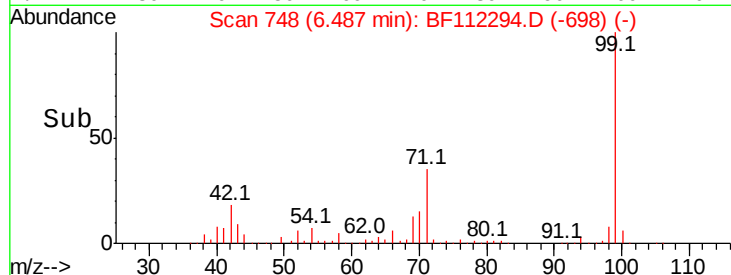
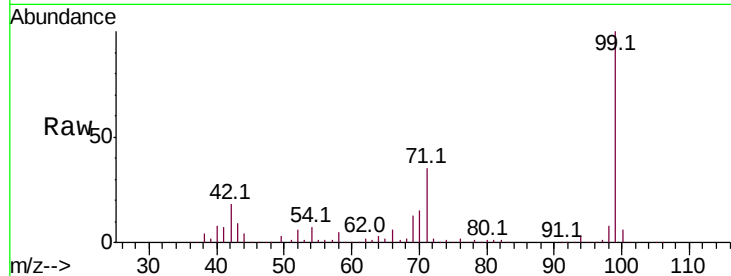
ClientSampleId :

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Tot Ion:	99	Resp:	786913
Ion Ratio	Lower	Upper	
99	100		
42	17.8	15.1	22.7
71	34.8	26.9	40.3

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#8

2-Chlorophenol

Concen: 21.755 ng

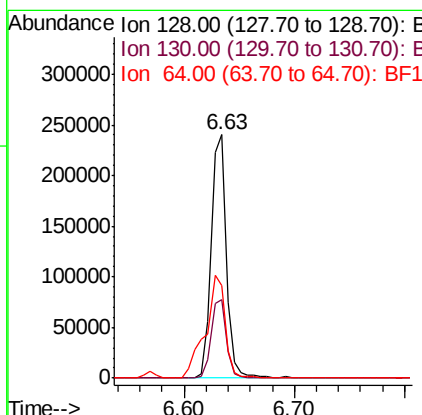
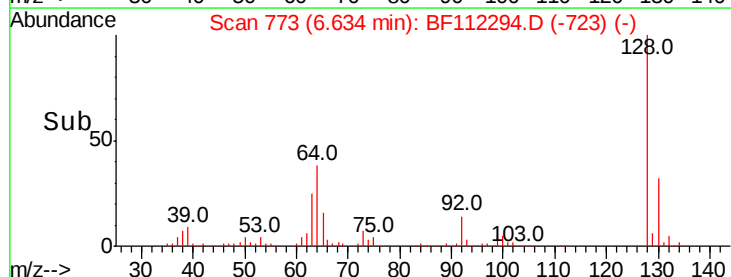
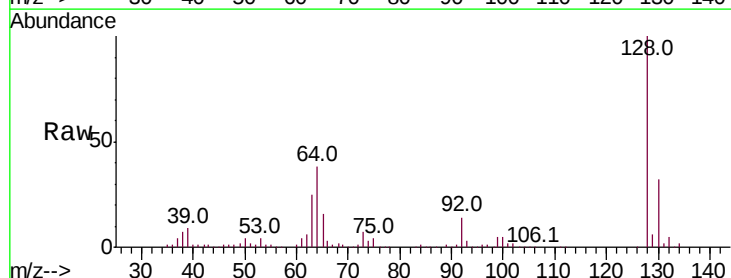
RT: 6.63 min Scan# 773

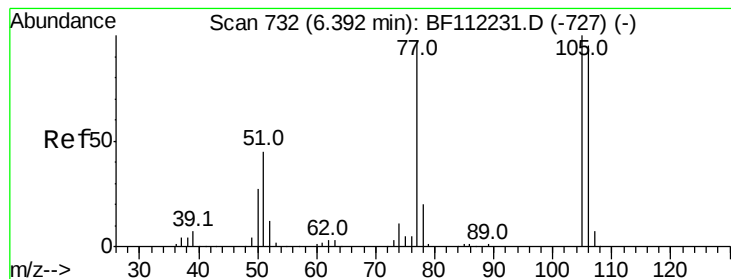
Delta R.T. -0.01 min

Lab File: BF112294.D

Acq: 29 Jan 2019 14:48

Tgt Ion:	128	Resp:	223803
Ion Ratio	Lower	Upper	
128	100		
130	32.3	13.4	53.4
64	37.9	20.5	60.5





#9

Benzaldehyde

Concen: 28.290 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF112294.D

Acq: 29 Jan 2019 14:48

Instrument :

BNA_F

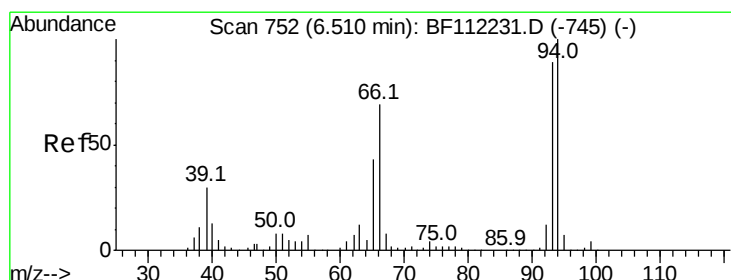
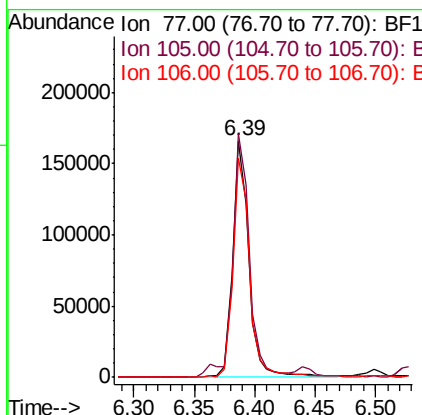
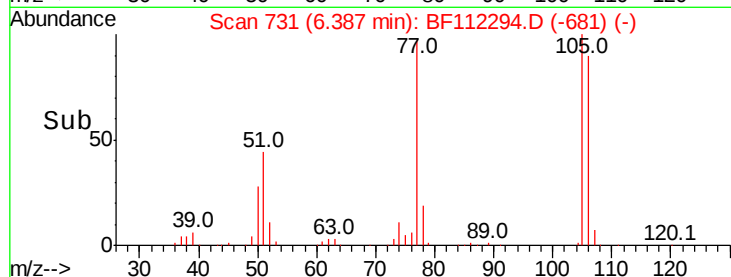
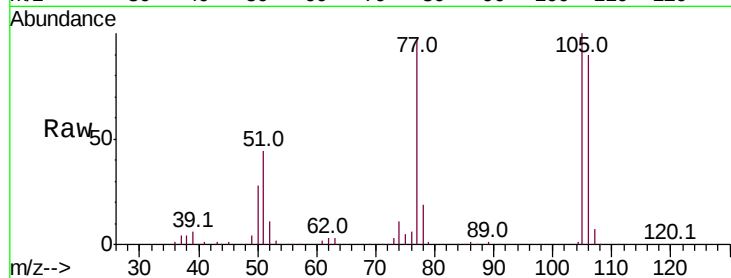
ClientSampleId :

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Tot Ion:	77	Resp:	157124
Ion	Ratio	Lower	Upper
77	100		
105	103.2	80.8	120.8
106	92.9	75.7	115.7

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#10

Phenol

Concen: 22.362 ng

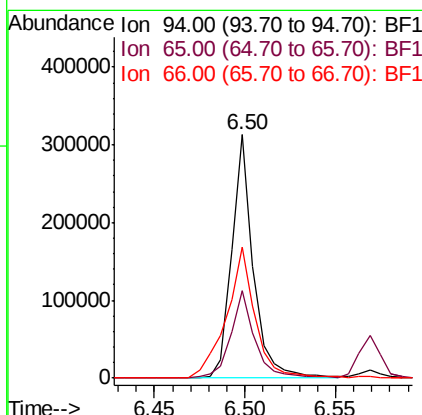
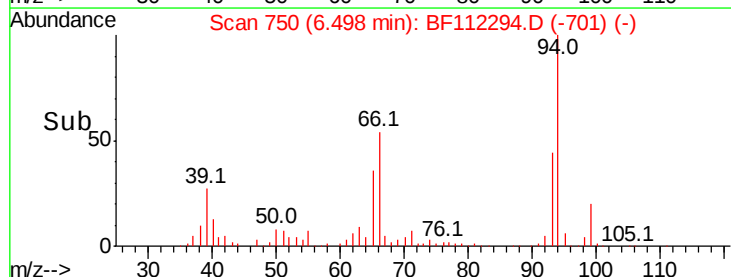
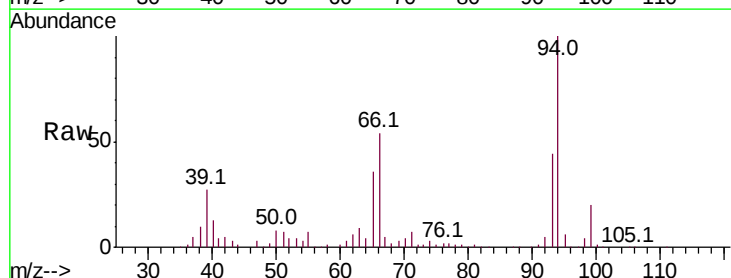
RT: 6.50 min Scan# 750

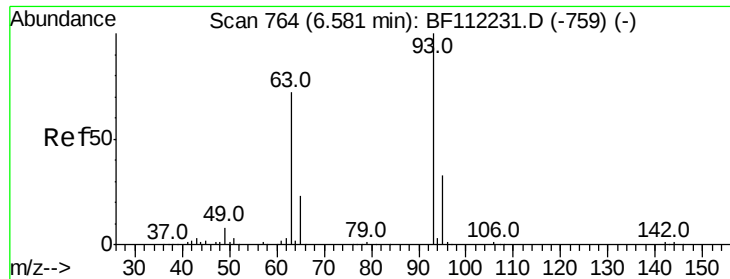
Delta R.T. -0.01 min

Lab File: BF112294.D

Acq: 29 Jan 2019 14:48

Tgt Ion:	94	Resp:	260704
Ion	Ratio	Lower	Upper
94	100		
65	36.0	20.3	60.3
66	53.8	42.4	82.4





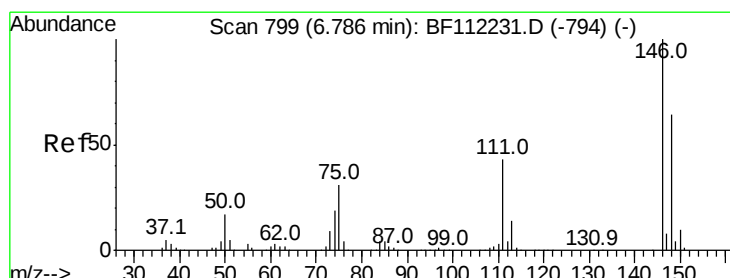
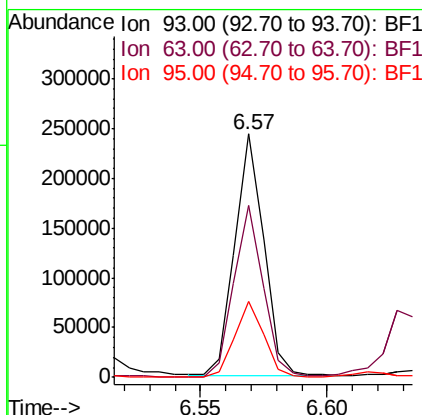
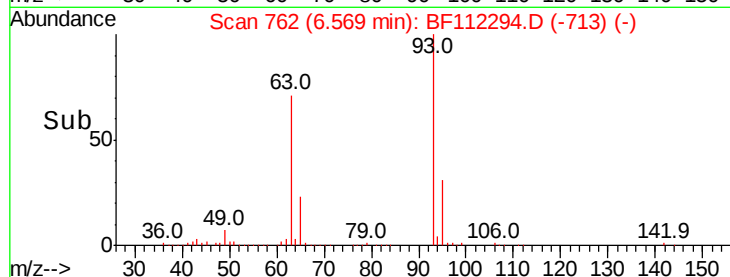
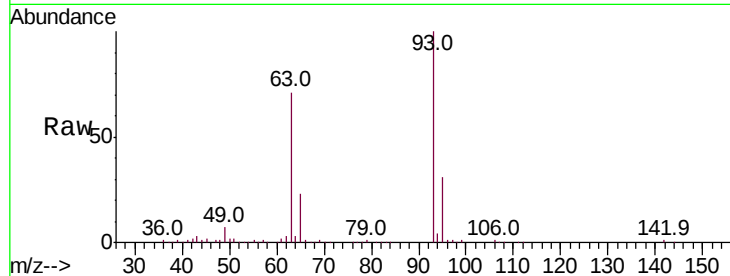
#11
bis(2-Chloroethyl)ether
Concen: 21.119 ng
RT: 6.57 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF112294.D
Acq: 29 Jan 2019 14:48

Instrument :
BNA_F
ClientSampleId :
HD-01-012819MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	70.7	53.3	93.3
95	31.2	13.4	53.4

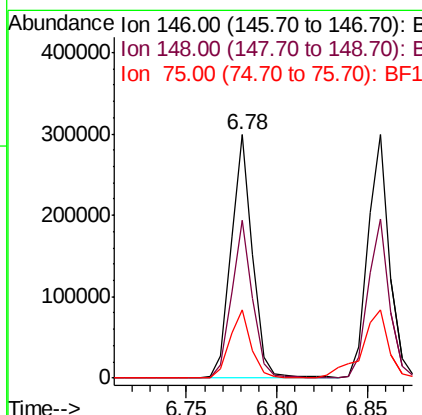
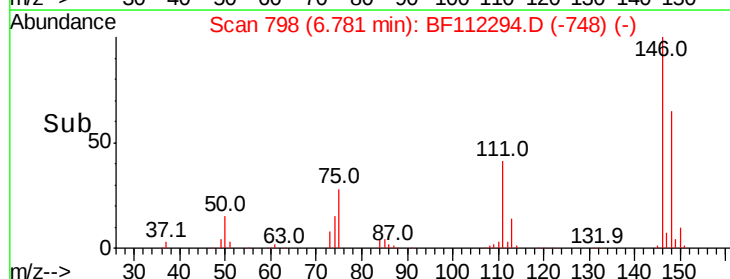
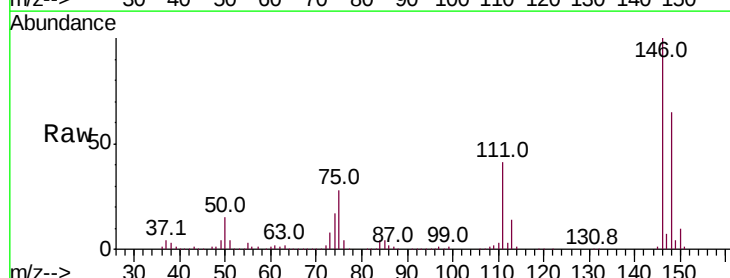
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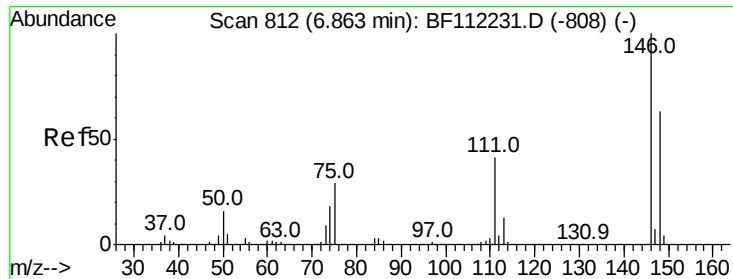
mohammad
1/30/2019 11:08:26 AM



#12
1,3-Dichlorobenzene
Concen: 20.554 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF112294.D
Acq: 29 Jan 2019 14:48

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.8	77.8
75	28.1	23.1	34.7





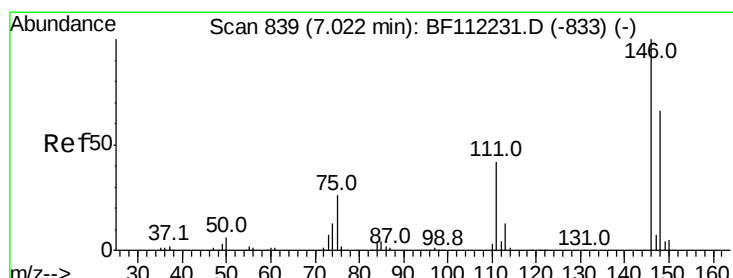
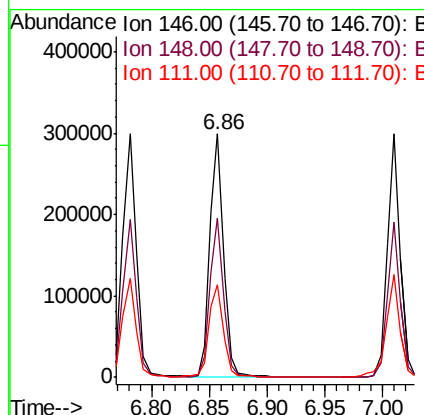
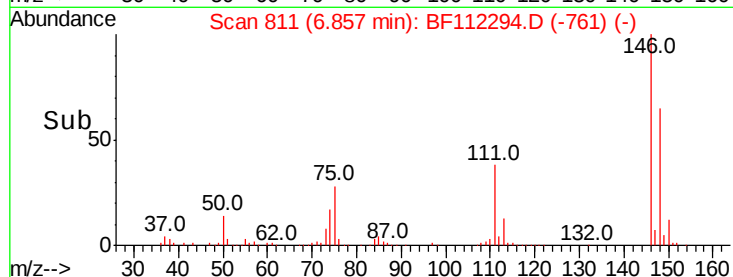
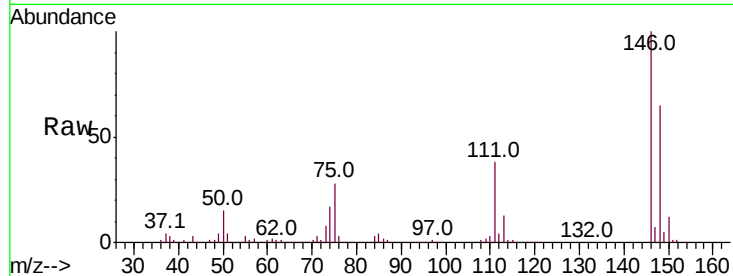
#13
1,4-Dichlorobenzene
Concen: 20.332 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF112294.D
Acq: 29 Jan 2019 14:48

Instrument :
BNA_F
ClientSampleId :
HD-01-012819MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.1	52.0	78.0
111	38.2	31.2	46.8

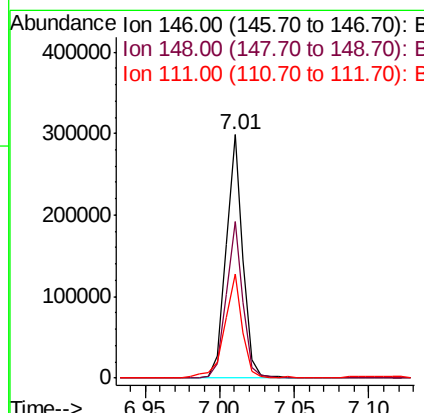
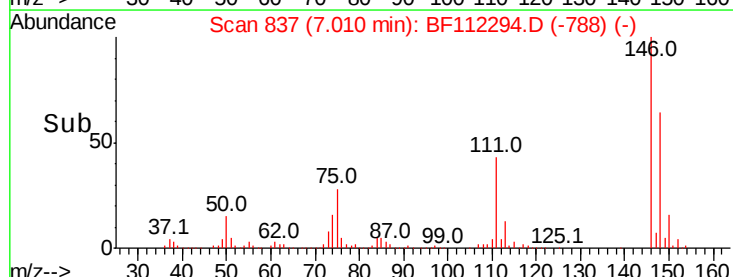
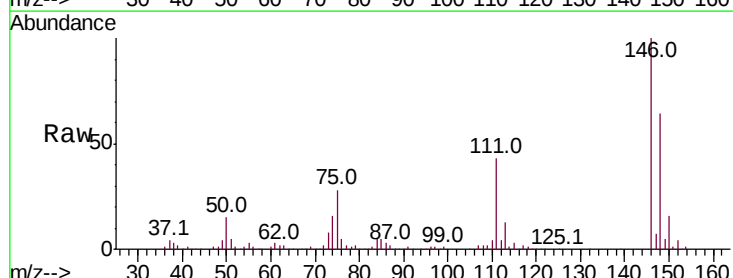
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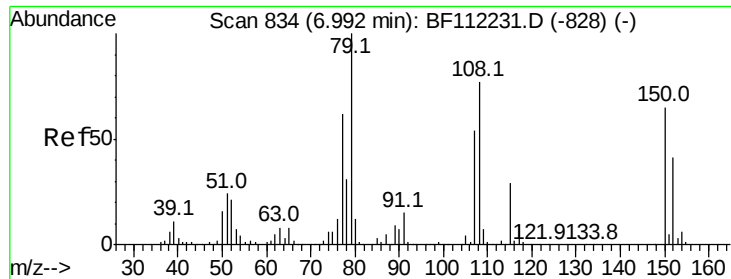
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#14
1,2-Dichlorobenzene
Concen: 20.566 ng
RT: 7.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BF112294.D
Acq: 29 Jan 2019 14:48

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	52.2	78.4
111	42.5	31.2	46.8





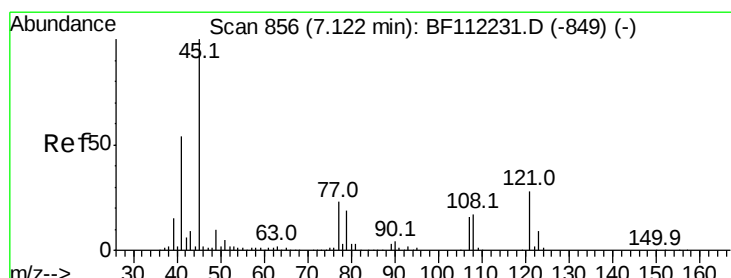
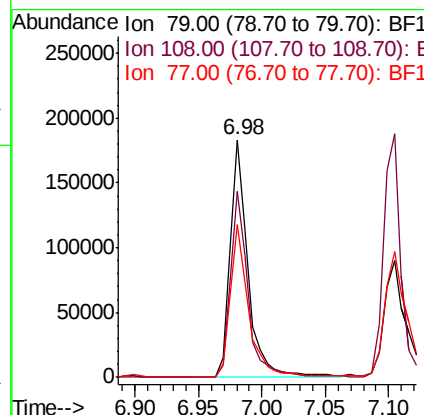
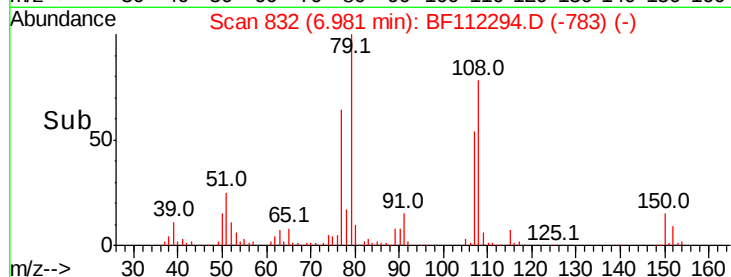
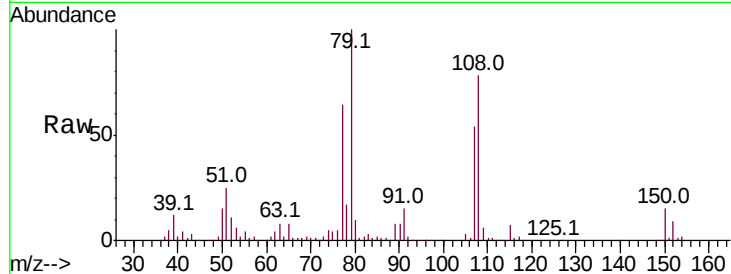
#15
Benzyl Alcohol
Concen: 19.951 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.01 min
Lab File: BF112294.D
Acq: 29 Jan 2019 14:48

Instrument :
BNA_F
ClientSampleId :
HD-01-012819MS

Tot Ion:	79	Resp:	178716
Ion Ratio	Lower	Upper	
79	100		
108	78.4	64.2	96.2
77	64.1	50.3	75.5

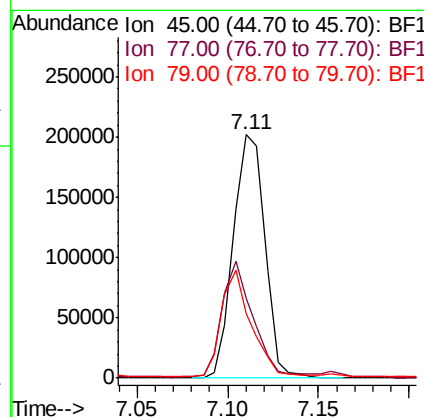
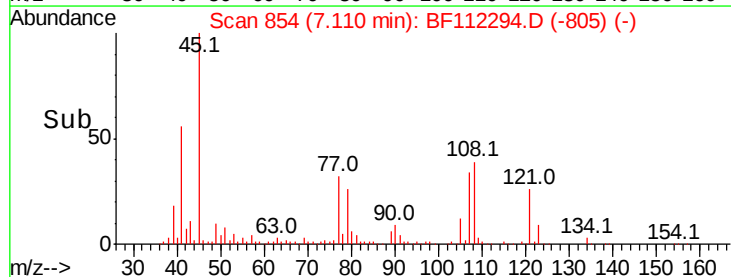
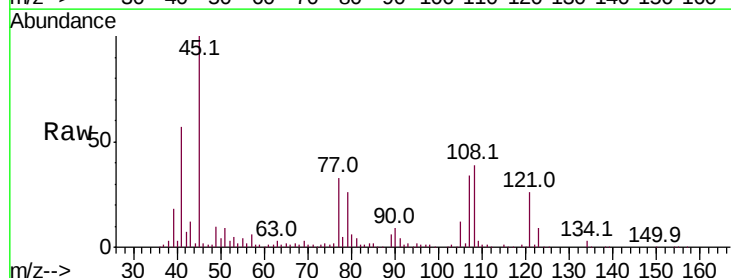
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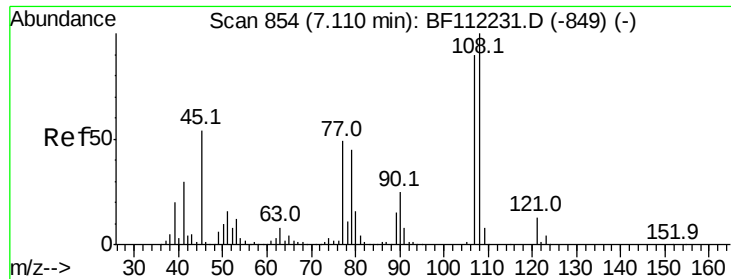
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#16
2,2'-oxybis(1-chloropropane)
Concen: 20.873 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF112294.D
Acq: 29 Jan 2019 14:48

Tgt Ion:	45	Resp:	245975
Ion Ratio	Lower	Upper	
45	100		
77	32.5	0.0	36.9
79	26.5	0.0	34.0





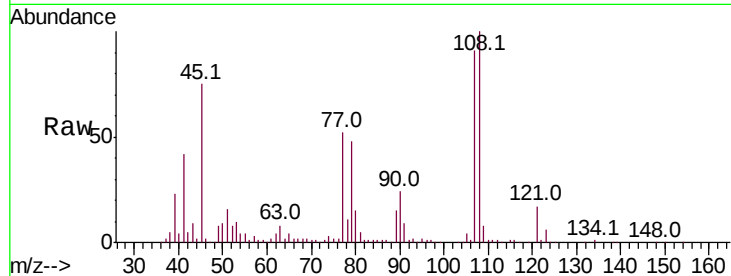
#17
2-Methylphenol
Concen: 20.184 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF112294.D
Acq: 29 Jan 2019 14:48

Instrument :
BNA_F
ClientSampleId :
HD-01-012819MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.3	91.3	136.9	
77	56.8	39.0	58.6	
79	52.7	37.0	55.4	

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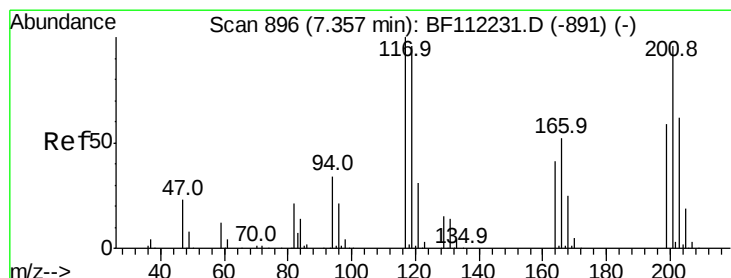
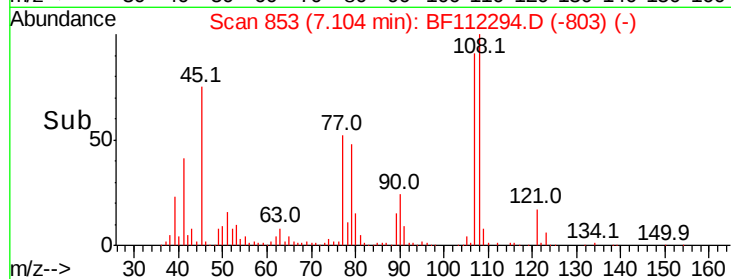
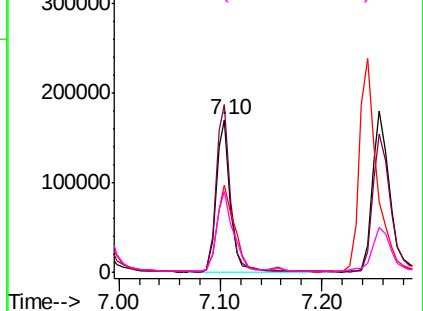
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

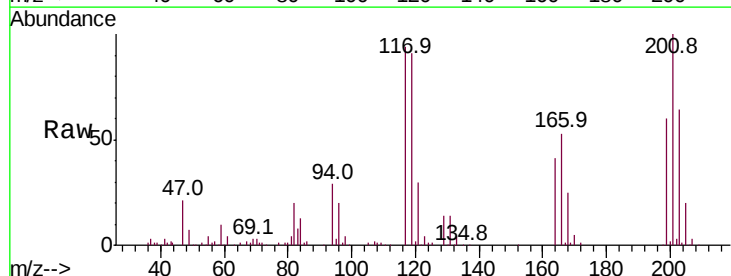
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 21.211 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF112294.D
Acq: 29 Jan 2019 14:48

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.4	77.0	115.4	
201	106.4	74.1	111.1	

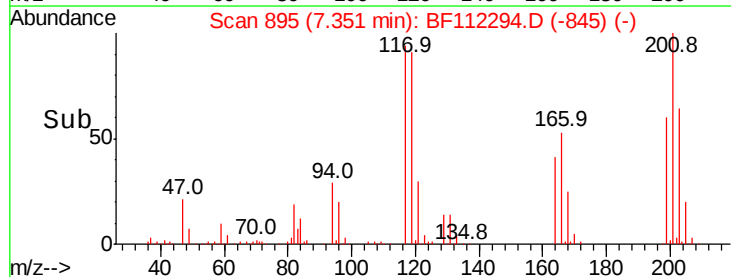
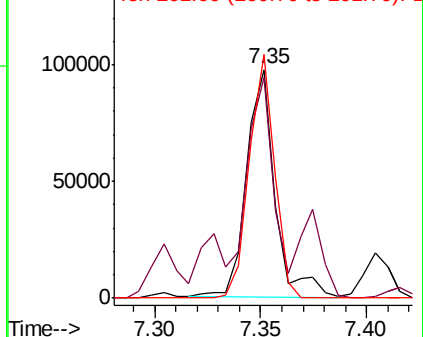


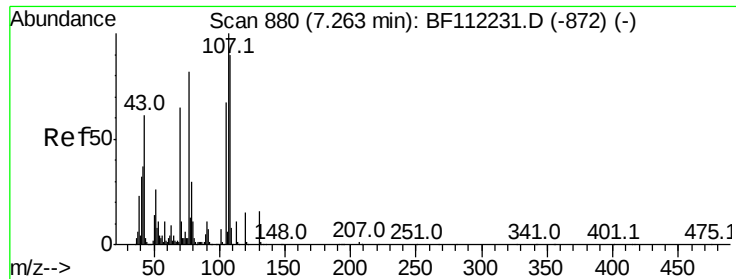
Abundance

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





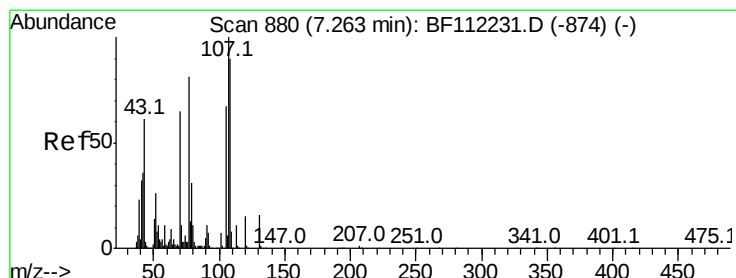
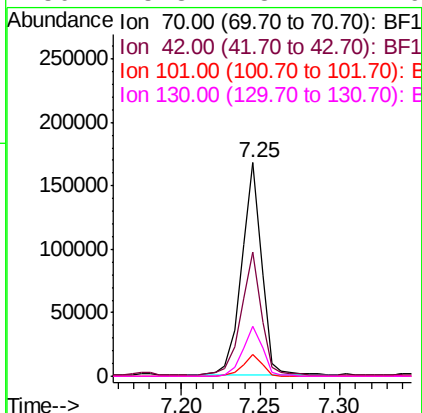
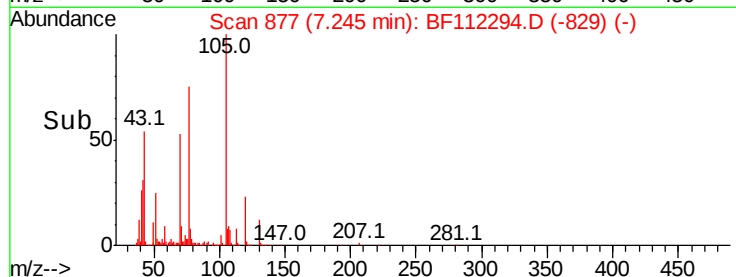
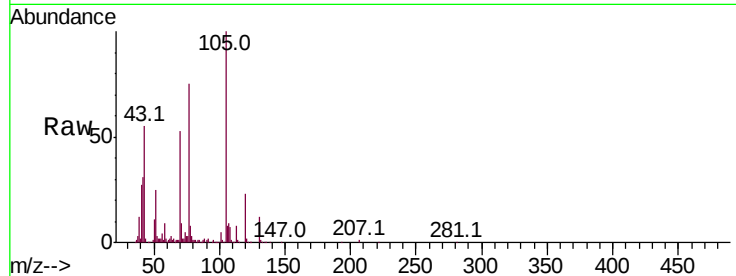
#19
n-Nitroso-di-n-propylamine
Concen: 20.147 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.02 min
Lab File: BF112294.D
Acq: 29 Jan 2019 14:48

Instrument :
BNA_F
ClientSampleId :
HD-01-012819MS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	58.0	47.6	71.4	
101	10.0	7.9	11.9	
130	23.3	18.4	27.6	

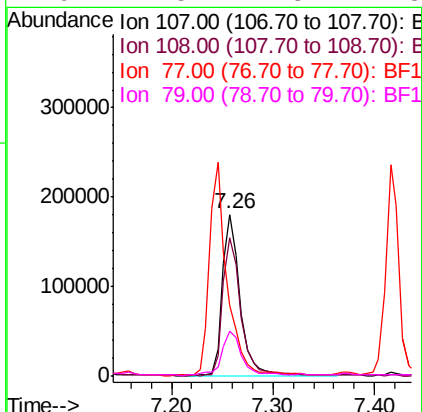
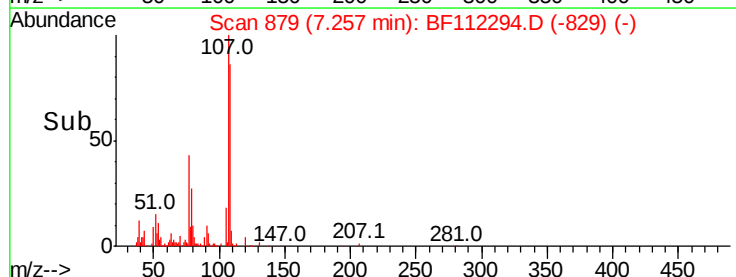
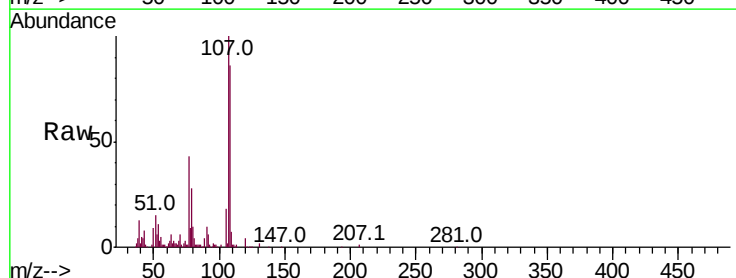
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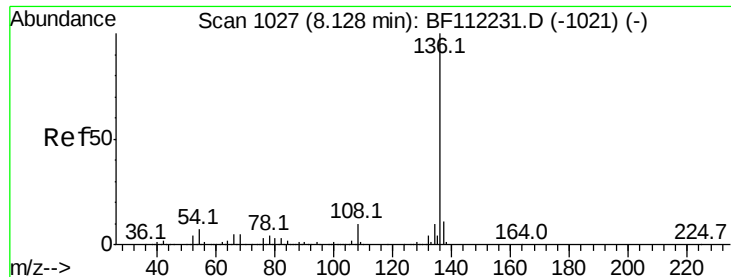
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#20
3+4-Methylphenols
Concen: 20.697 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF112294.D
Acq: 29 Jan 2019 14:48

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	85.7	68.2	108.2	
77	43.3	100.7	140.7#	
79	27.5	7.3	47.3	





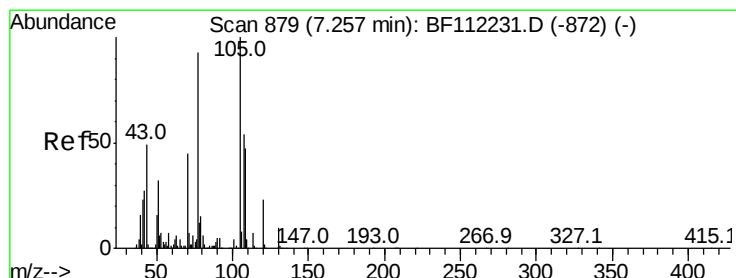
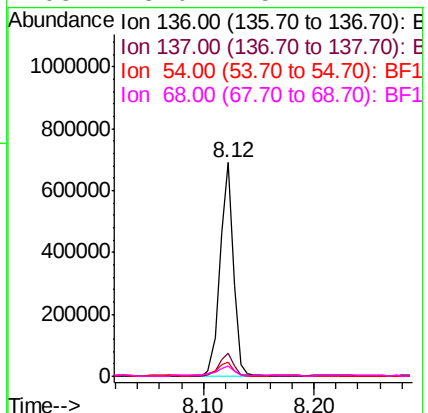
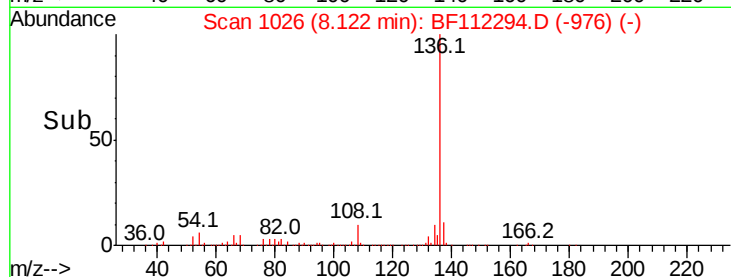
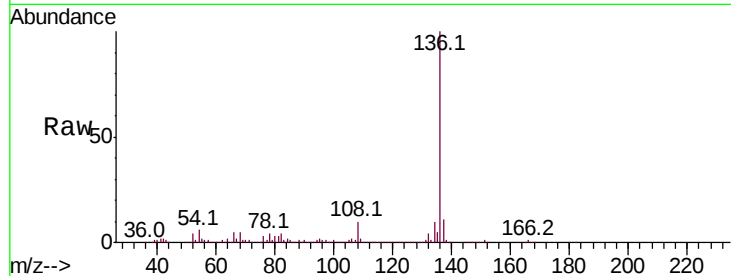
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF112294.D
Acq: 29 Jan 2019 14:48

Instrument :
BNA_F
ClientSampleId :
HD-01-012819MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	9.1	13.7	
54	6.5	5.9	8.9	
68	5.0	5.1	7.7#	

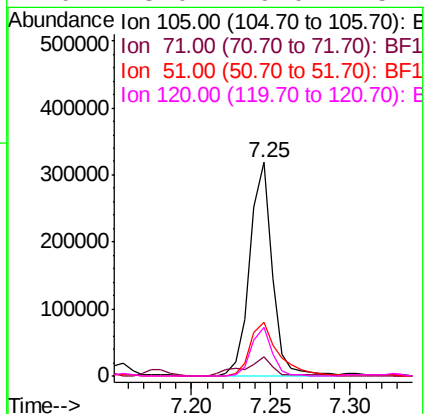
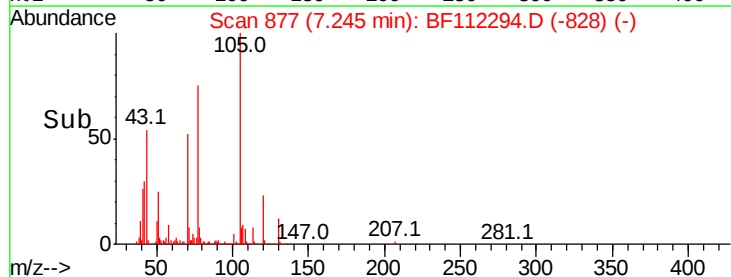
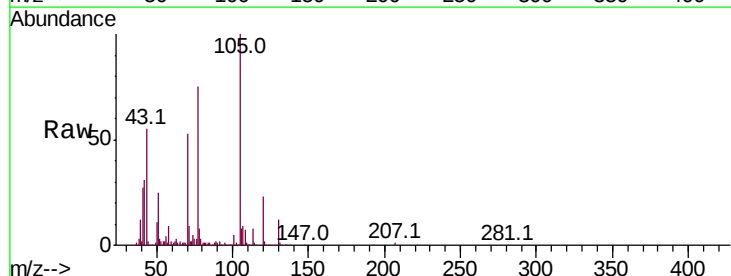
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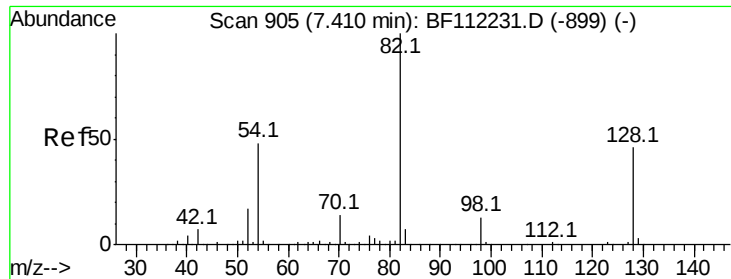
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#22
Acetophenone
Concen: 22.208 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF112294.D
Acq: 29 Jan 2019 14:48

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	9.2	4.6	6.8#	
51	25.0	25.0	37.6#	
120	23.0	19.0	28.4	





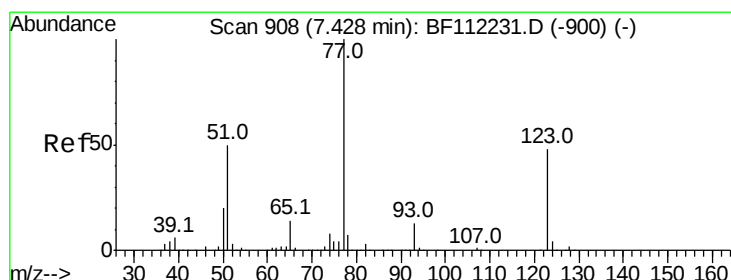
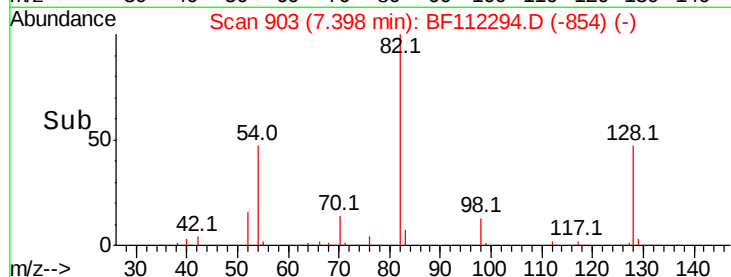
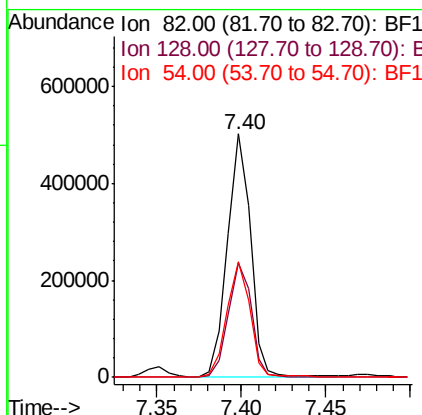
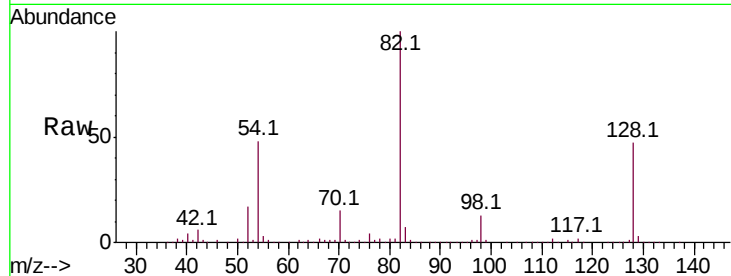
#23
Nitrobenzene-d5
Concen: 47.299 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF112294.D
Acq: 29 Jan 2019 14:48

Instrument :
BNA_F
ClientSampleId :
HD-01-012819MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.8	37.8	56.8
54	47.7	39.7	59.5

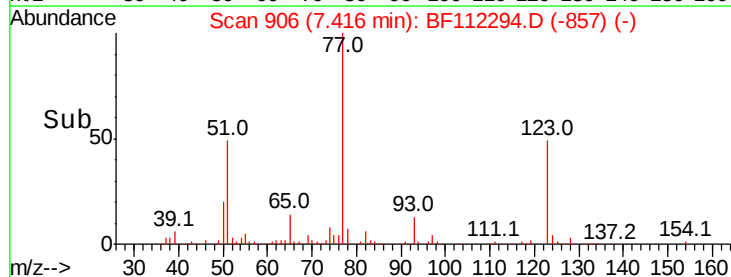
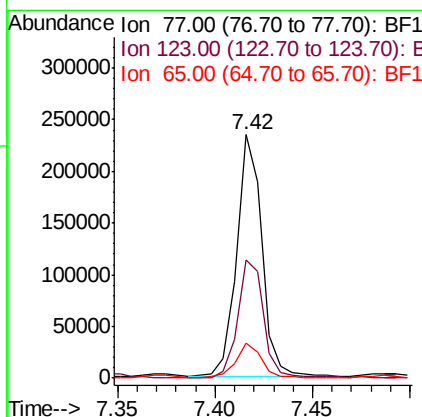
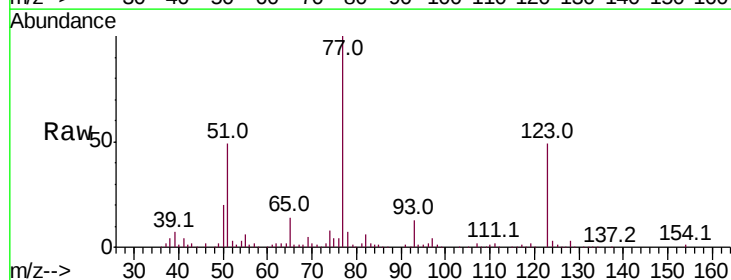
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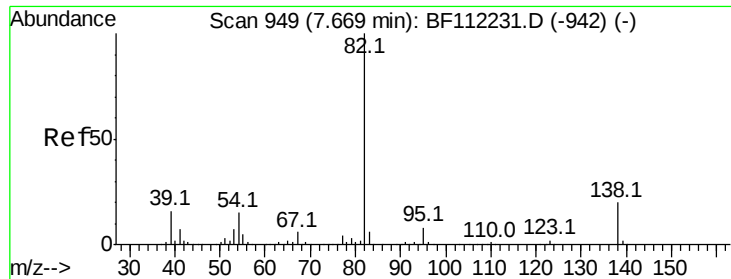
mohammad
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#24
Nitrobenzene
Concen: 20.739 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF112294.D
Acq: 29 Jan 2019 14:48

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.6	38.4	57.6
65	14.1	10.6	15.8





#25

Isophorone

Concen: 23.674 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF112294.D

Acq: 29 Jan 2019 14:48

Instrument :

BNA_F

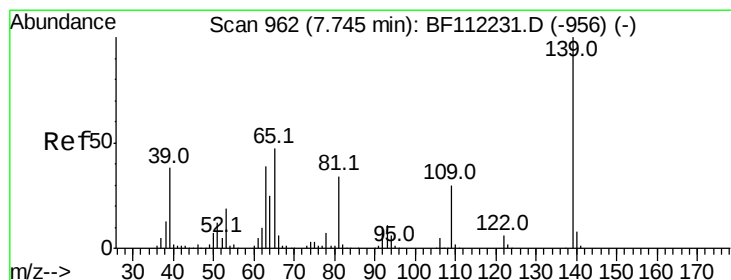
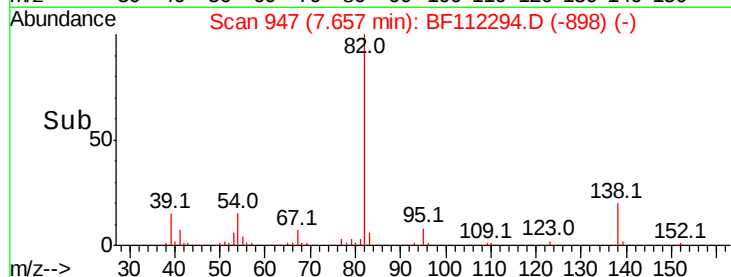
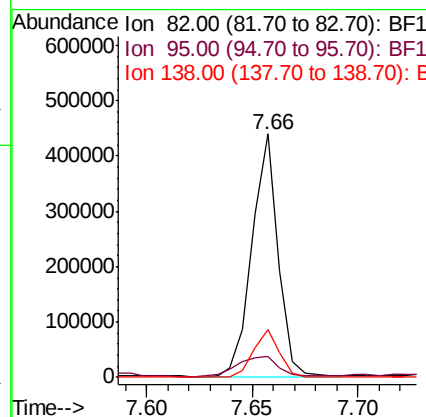
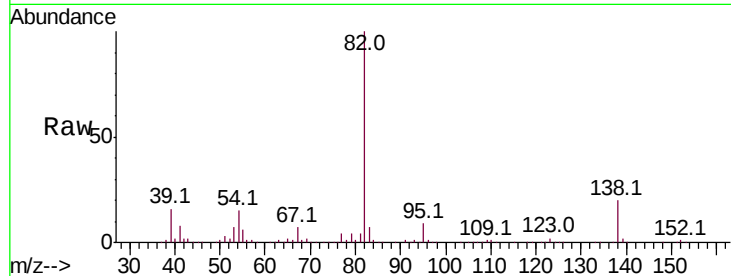
ClientSampleId :

HD-01-012819MS

Tot Ion:	82	Resp:	376043
Ion Ratio	Lower	Upper	
82	100		
95	8.6	5.7	8.5#
138	19.9	15.4	23.0

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#26

2-Nitrophenol

Concen: 20.987 ng

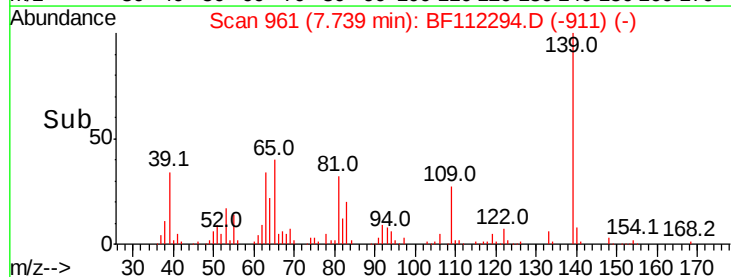
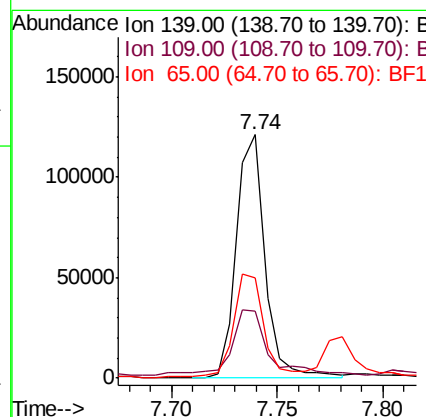
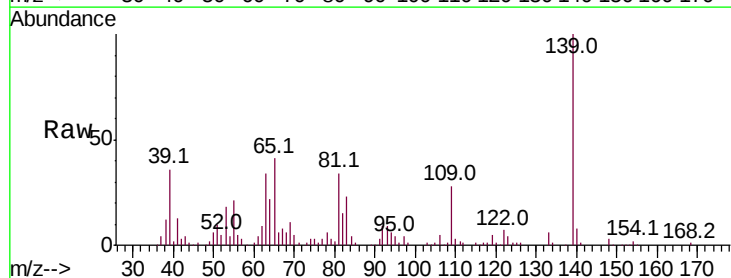
RT: 7.74 min Scan# 961

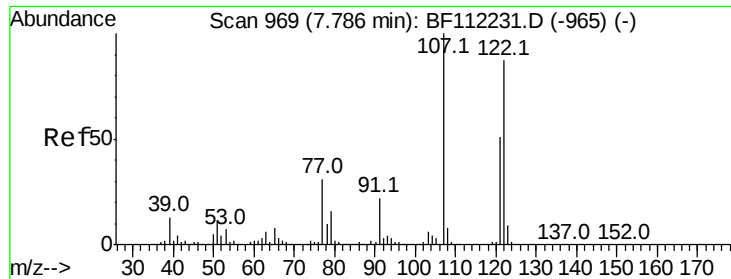
Delta R.T. -0.01 min

Lab File: BF112294.D

Acq: 29 Jan 2019 14:48

Tgt Ion:	139	Resp:	113414
Ion Ratio	Lower	Upper	
139	100		
109	27.6	20.8	31.2
65	41.2	34.4	51.6





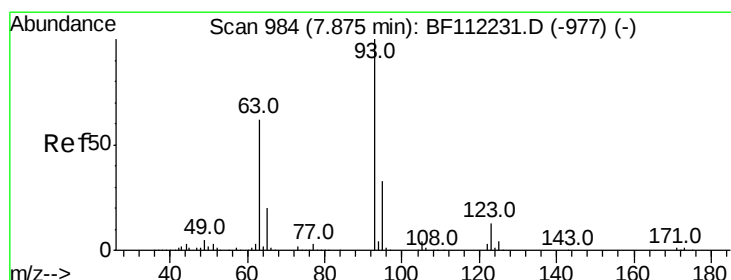
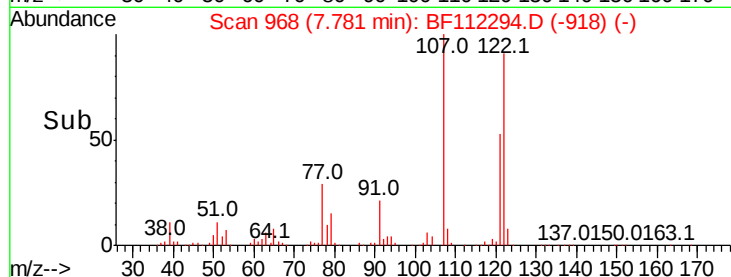
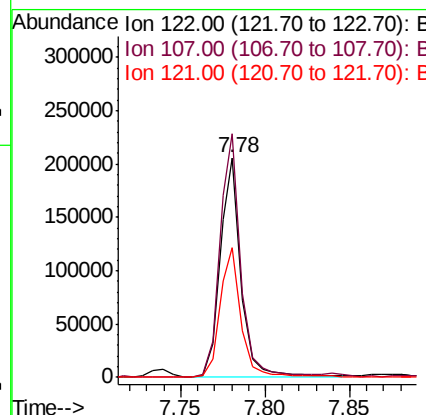
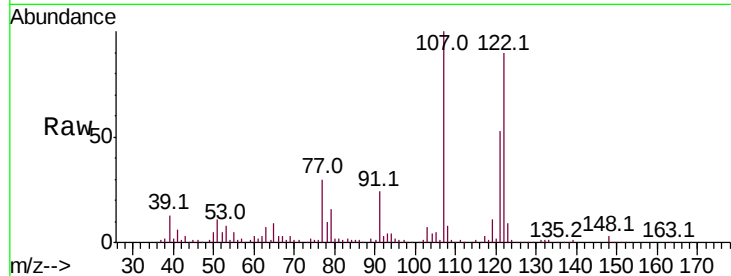
#27
2,4-Dimethylphenol
Concen: 23.573 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BF112294.D
Acq: 29 Jan 2019 14:48

Instrument :
BNA_F
ClientSampleId :
HD-01-012819MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.8	85.4	128.0
121	58.9	47.0	70.4

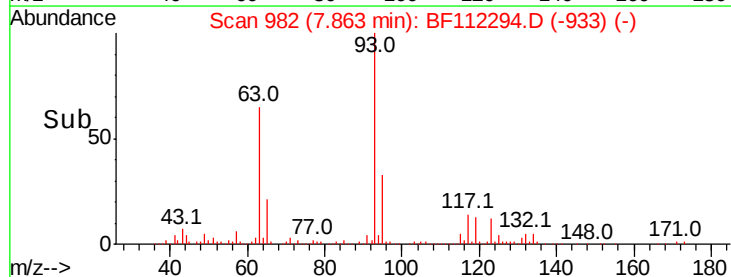
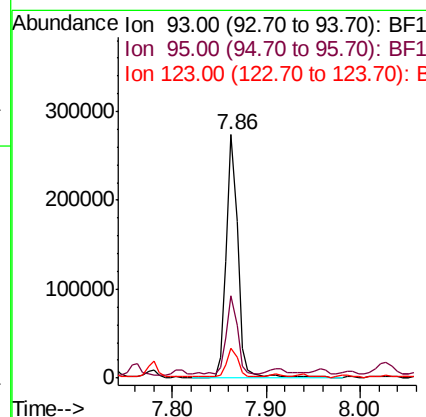
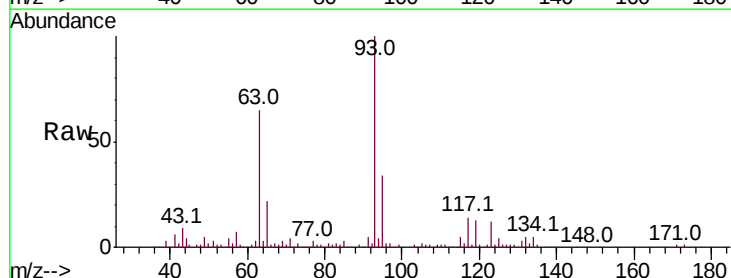
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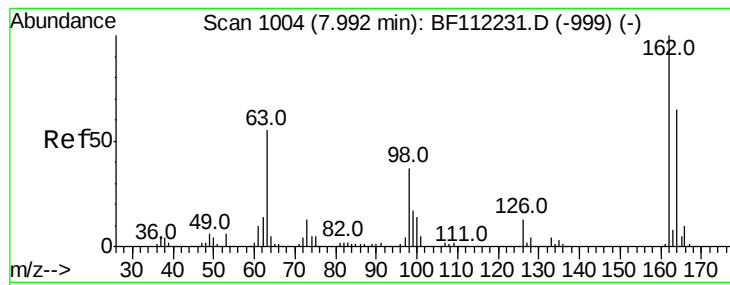
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 22.034 ng
RT: 7.86 min Scan# 982
Delta R.T. -0.01 min
Lab File: BF112294.D
Acq: 29 Jan 2019 14:48

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.0	26.8	40.2
123	12.4	10.2	15.2





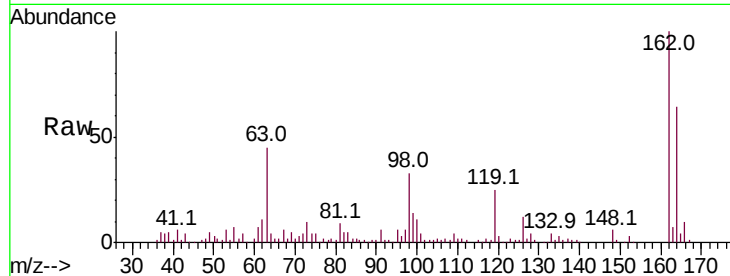
#29
2,4-Dichlorophenol
Concen: 20.676 ng
RT: 7.99 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BF112294.D
Acq: 29 Jan 2019 14:48

Instrument :
BNA_F
ClientSampleId :
HD-01-012819MS

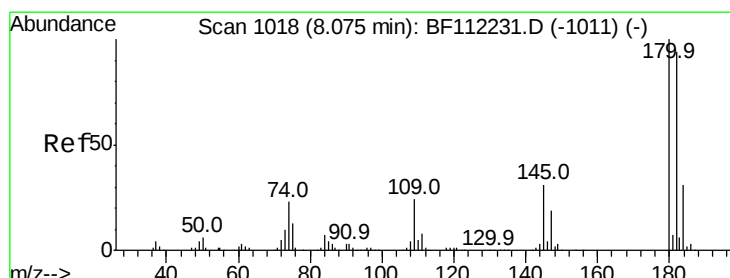
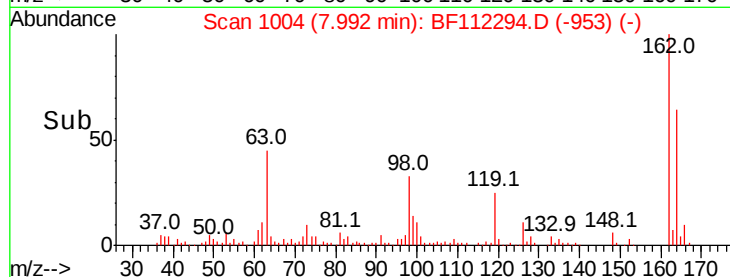
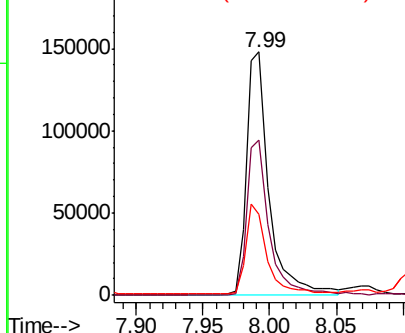
Tot Ion	Ratio	Resp	Lower	Upper
162	100	172267		
164	63.6		44.6	84.6
98	33.4		14.6	54.6

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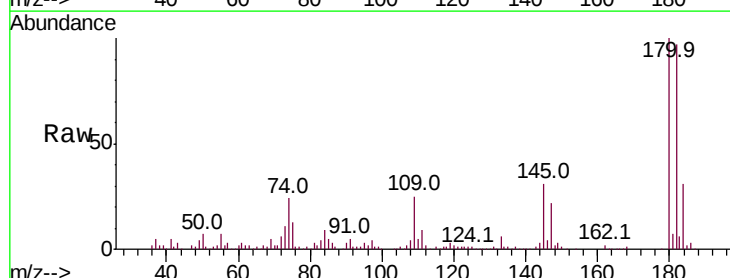


Abundance Ion 162.00 (161.70 to 162.70): E
200000
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

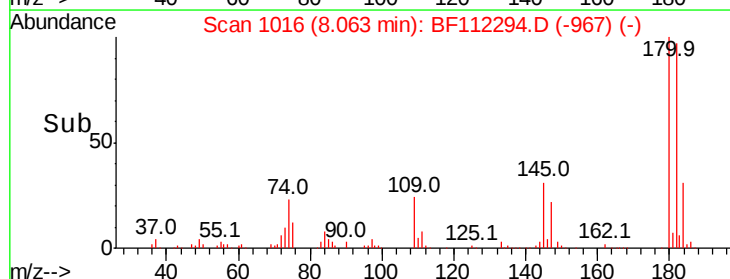
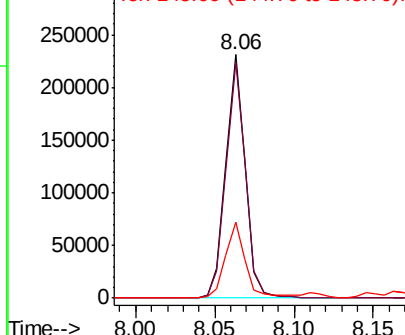


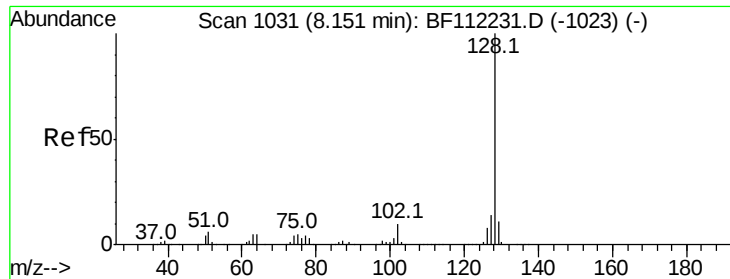
#30
1,2,4-Trichlorobenzene
Concen: 20.468 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF112294.D
Acq: 29 Jan 2019 14:48

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	196027		
182	96.8		76.4	114.6
145	31.1		25.0	37.4



Abundance Ion 180.00 (179.70 to 180.70): E
300000
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





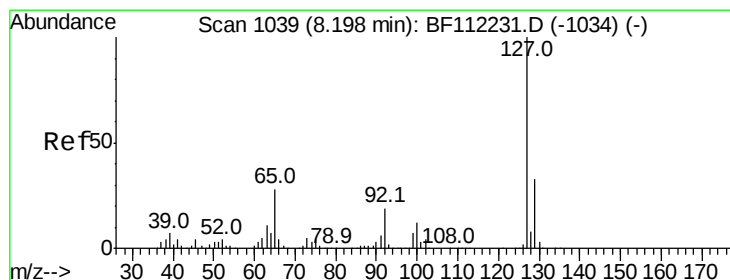
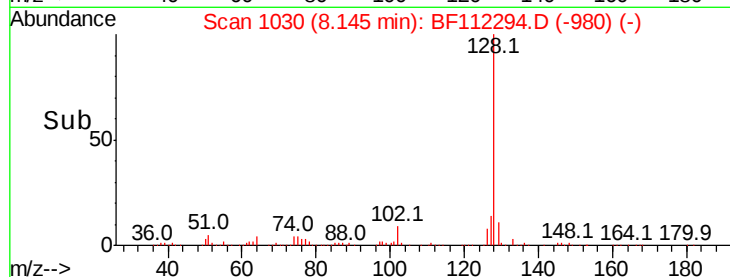
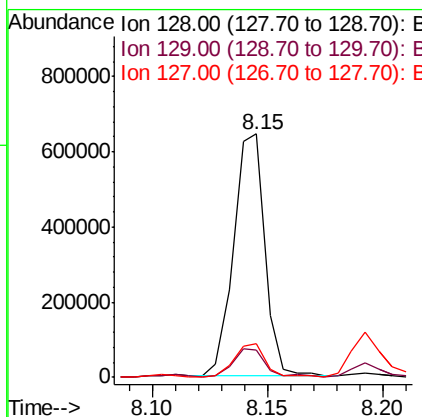
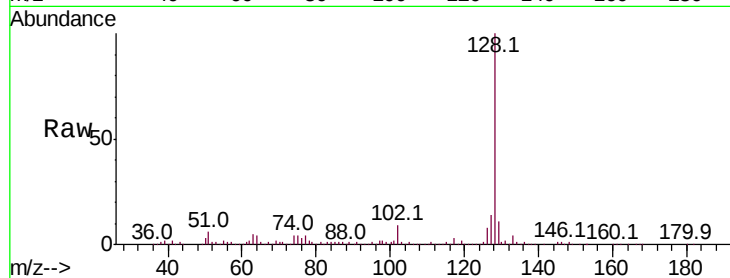
#31
Naphthalene
Concen: 22.353 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF112294.D
Acq: 29 Jan 2019 14:48

Instrument :
BNA_F
ClientSampleId :
HD-01-012819MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.6	14.4
127	14.0	11.1	16.7

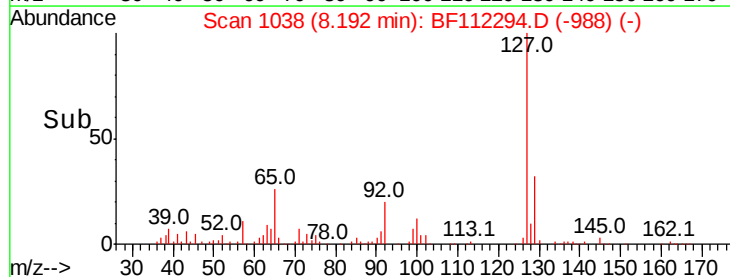
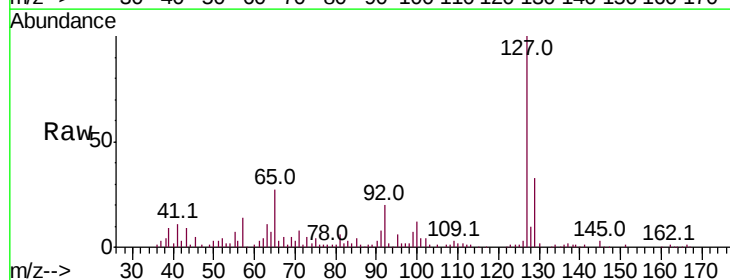
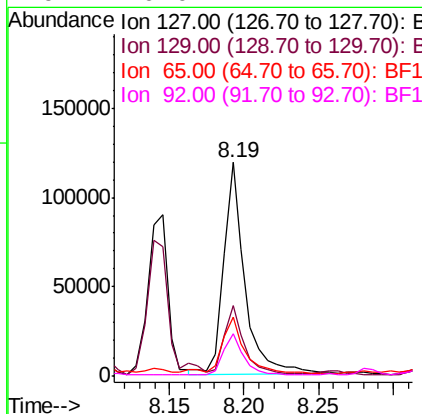
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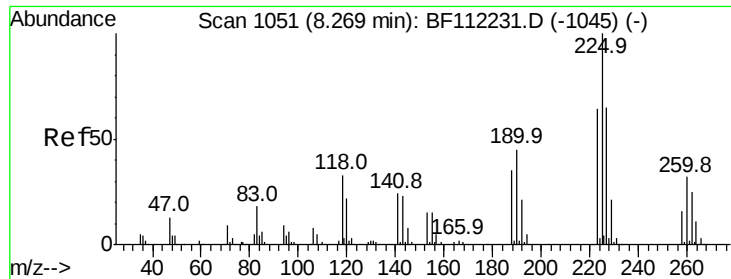
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#33
4-Chloroaniline
Concen: 9.948 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF112294.D
Acq: 29 Jan 2019 14:48

Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.6	39.8
65	27.3	21.4	32.2
92	20.0	14.2	21.2





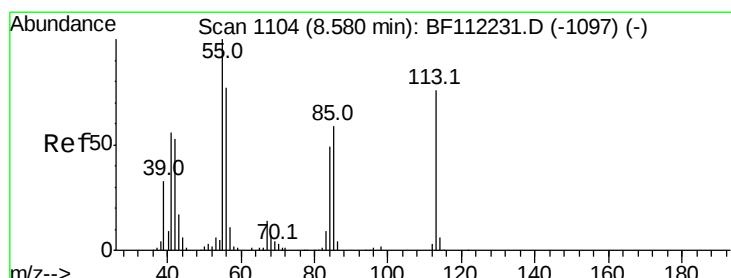
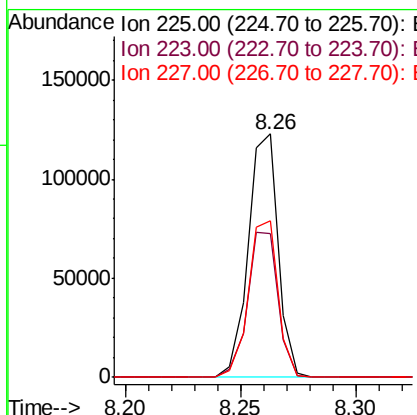
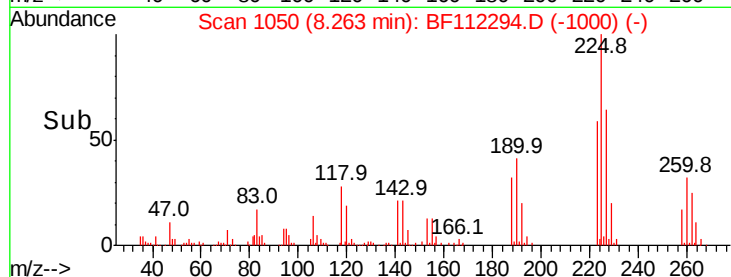
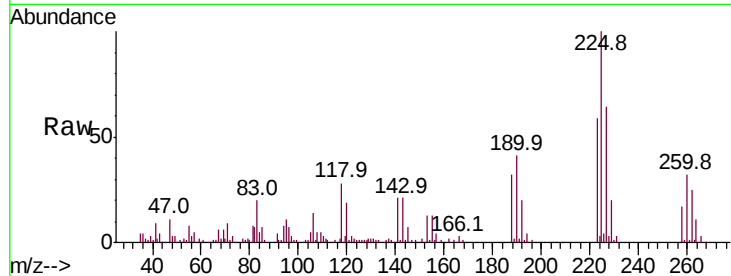
#34
Hexachlorobutadiene
Concen: 19.842 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BF112294.D
Acq: 29 Jan 2019 14:48

Instrument :
BNA_F
ClientSampleId :
HD-01-012819MS

Tot Ion	Ratio	Resp	Lower	Upper
225	100	111516		
223	59.1		50.3	75.5
227	64.1		51.8	77.8

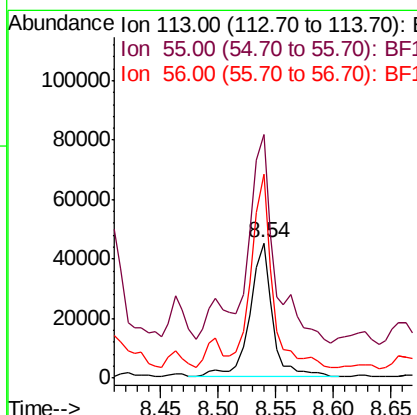
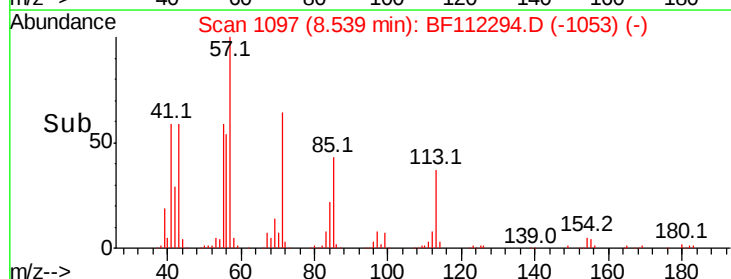
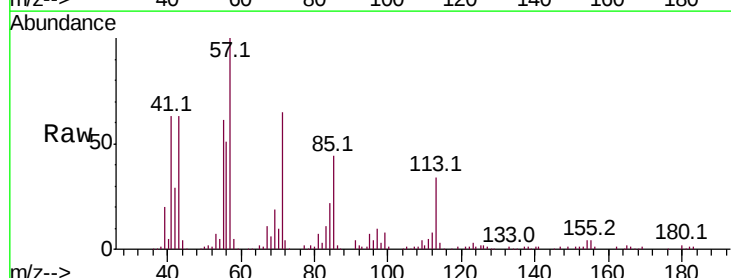
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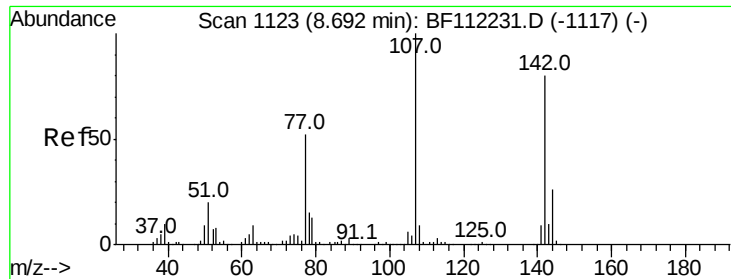
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#35
Caprolactam
Concen: 20.614 ng
RT: 8.54 min Scan# 1097
Delta R.T. -0.04 min
Lab File: BF112294.D
Acq: 29 Jan 2019 14:48

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	60589		
55	180.2		121.6	161.6#
56	151.3		86.7	126.7#





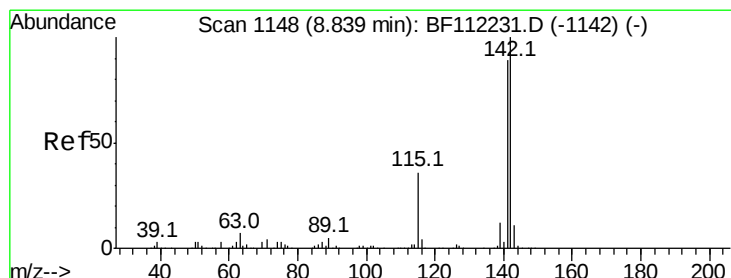
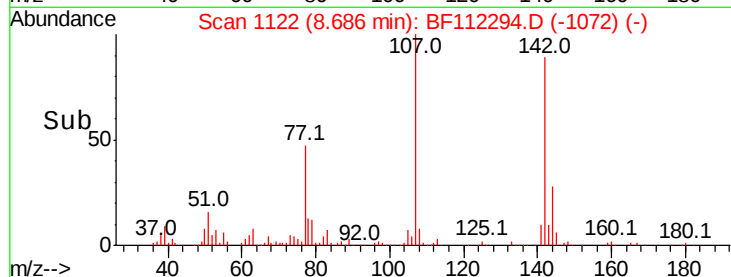
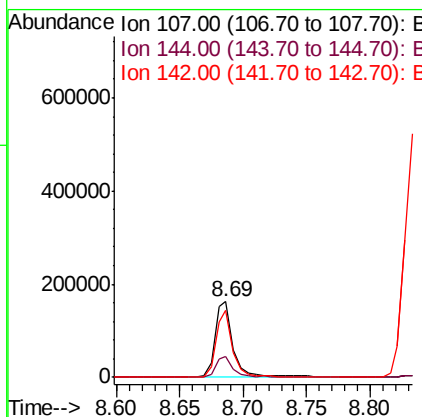
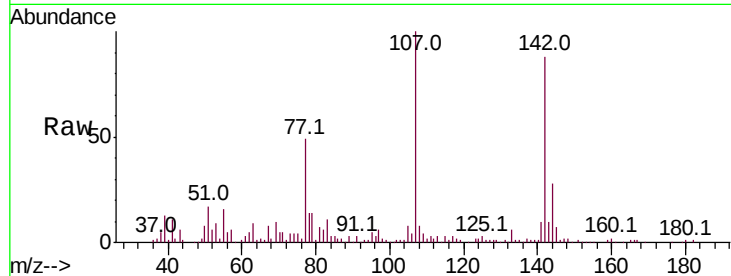
#36
4-Chloro-3-methylphenol
Concen: 18.104 ng
RT: 8.69 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BF112294.D
Acq: 29 Jan 2019 14:48

Instrument :
BNA_F
ClientSampleId :
HD-01-012819MS

Tot Ion	Ratio	Lower	Upper
107	100		
144	28.0	22.2	33.2
142	88.5	67.7	101.5

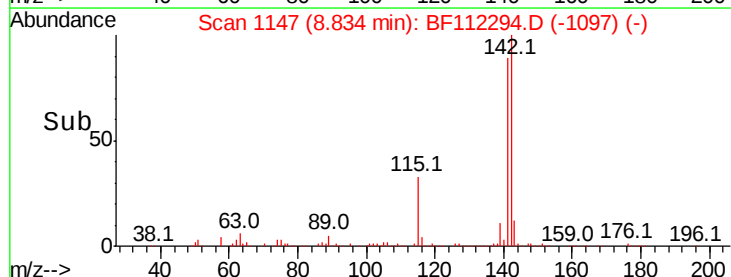
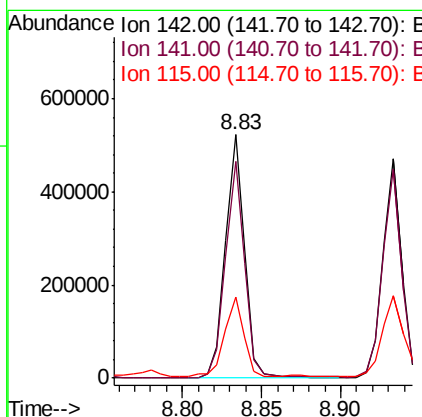
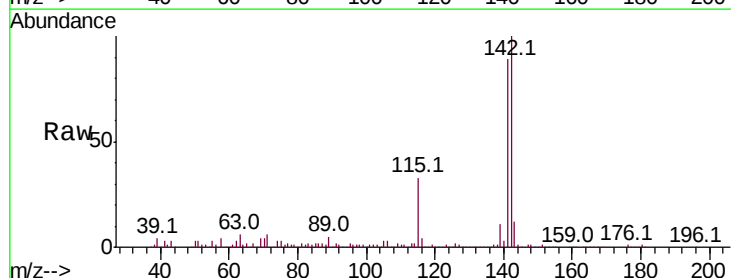
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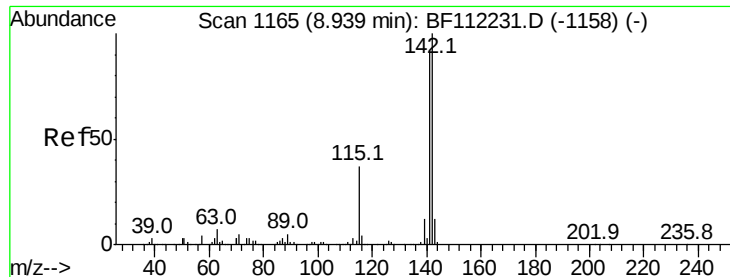
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#37
2-Methylnaphthalene
Concen: 23.273 ng
RT: 8.83 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF112294.D
Acq: 29 Jan 2019 14:48

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.2	70.9	106.3
115	33.4	24.9	37.3





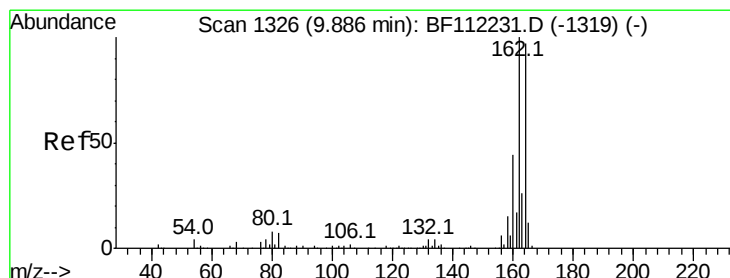
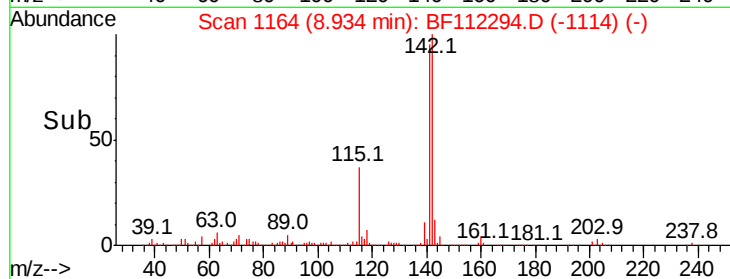
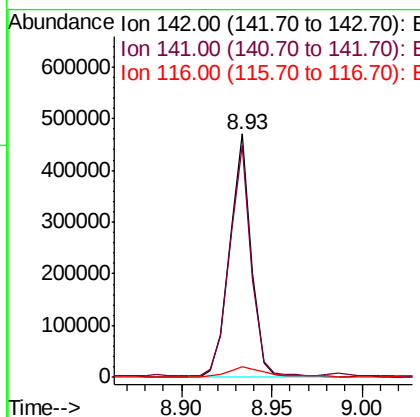
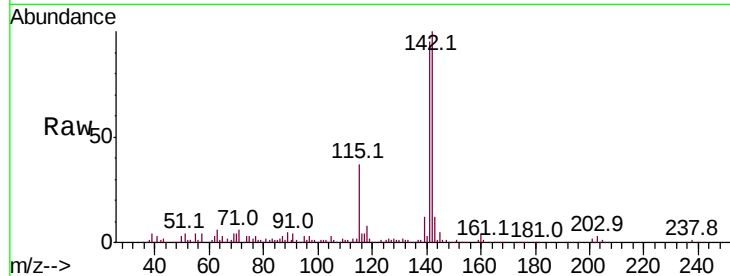
#38
1-Methylnaphthalene
Concen: 21.696 ng
RT: 8.93 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BF112294.D
Acq: 29 Jan 2019 14:48

Instrument :
BNA_F
ClientSampleId :
HD-01-012819MS

Tot Ion	Ratio	Resp	Lower	Upper
142	100			
141	95.1	72.6	108.8	
116	4.1	2.8	4.2	

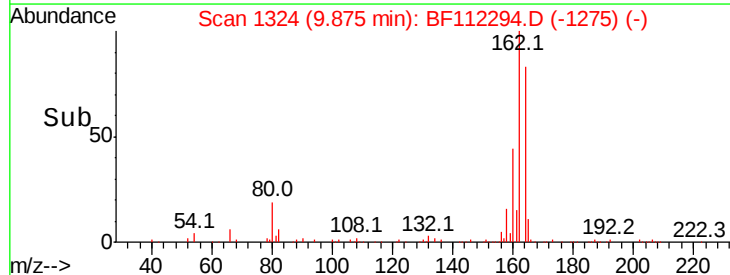
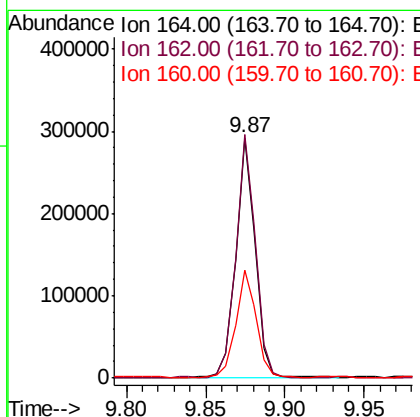
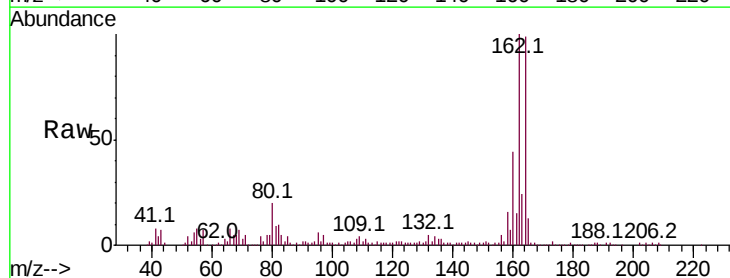
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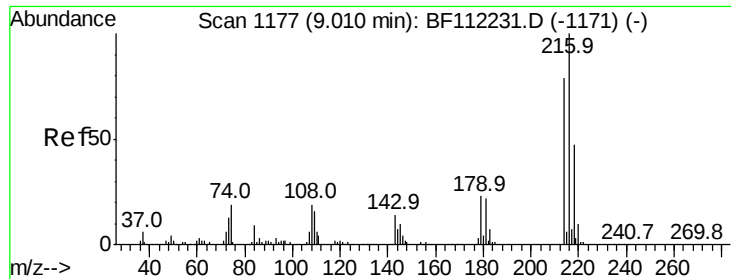
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF112294.D
Acq: 29 Jan 2019 14:48

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.5	82.2	123.4	
160	44.9	36.2	54.4	





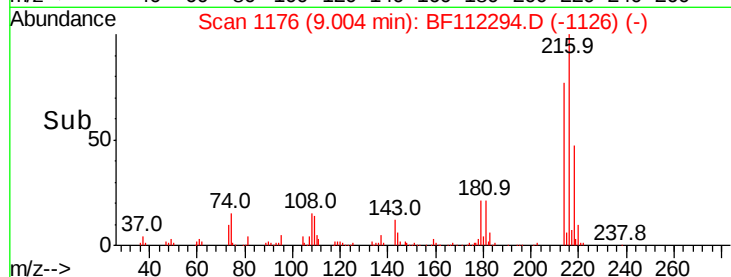
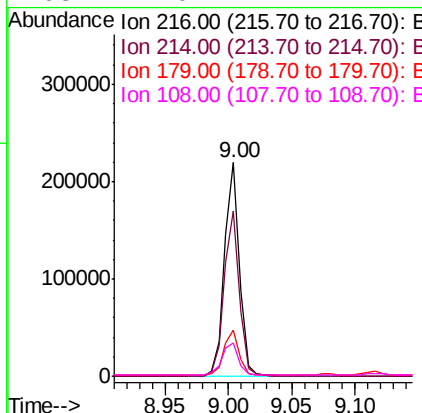
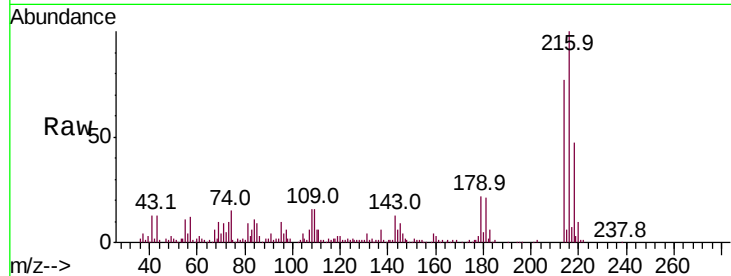
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 22.522 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: BF112294.D
 Acq: 29 Jan 2019 14:48

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-012819MS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	180937		
214	78.0	63.8	95.6	
179	20.6	16.9	25.3	
108	17.0	14.2	21.4	

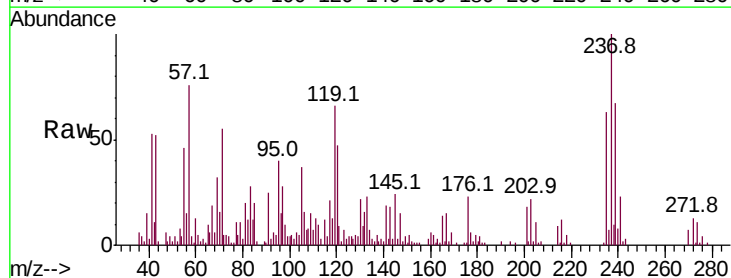
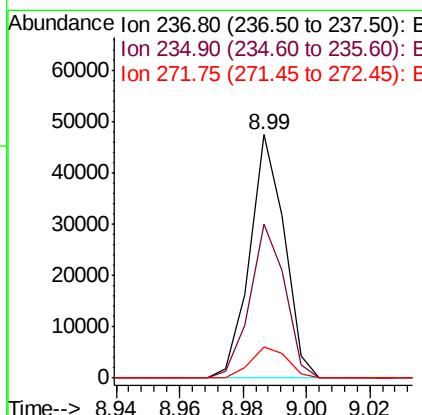
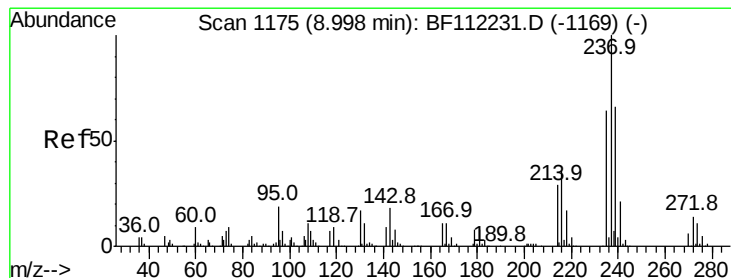
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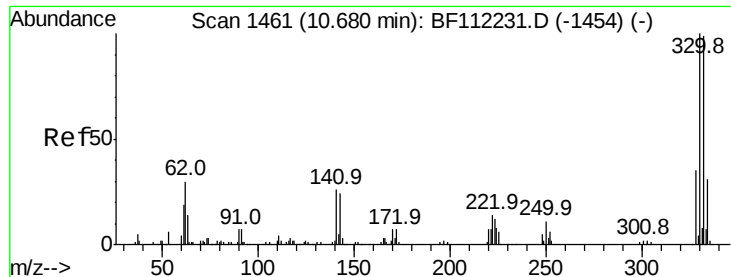
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#41
 Hexachlorocyclopentadiene
 Concen: 19.889 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BF112294.D
 Acq: 29 Jan 2019 14:48

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	35882		
235	63.2	44.0	84.0	
272	12.6	0.0	33.3	





#42

2,4,6-Tribromophenol

Concen: 61.598 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF112294.D

Acq: 29 Jan 2019 14:48

Instrument :

BNA_F

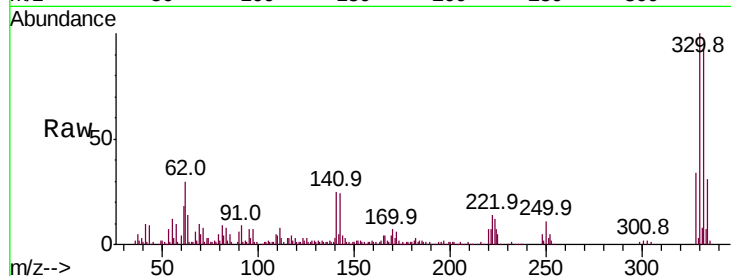
ClientSampleId :

HD-01-012819MS

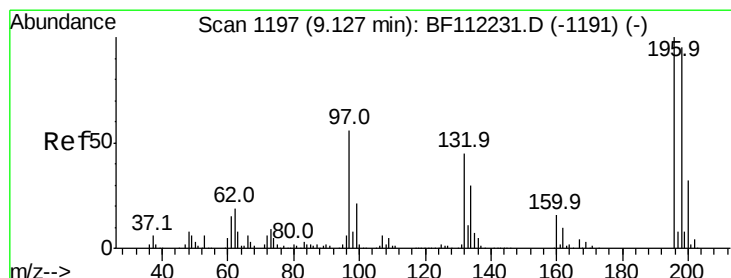
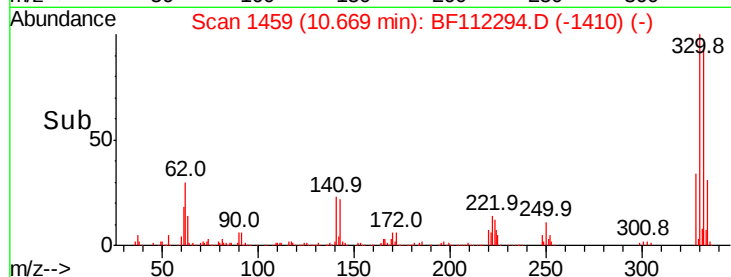
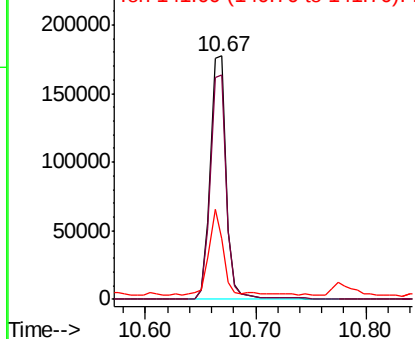
Tot Ion:	330	Resp:	175430
Ion Ratio	Lower	Upper	
330	100		
332	93.3	76.6	114.8
141	32.0	24.3	36.5

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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: 21.906 ng

RT: 9.12 min Scan# 1195

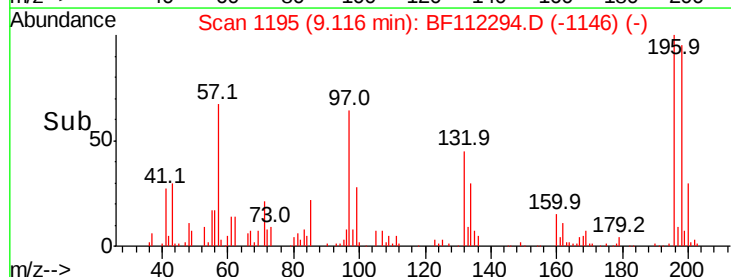
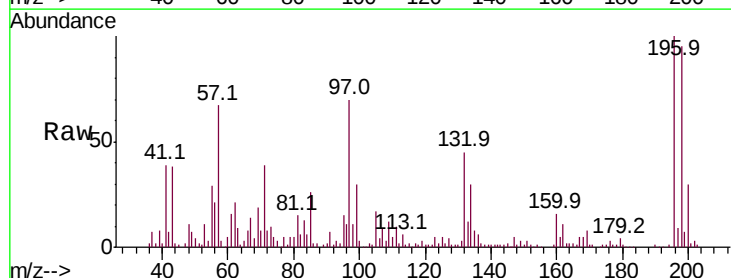
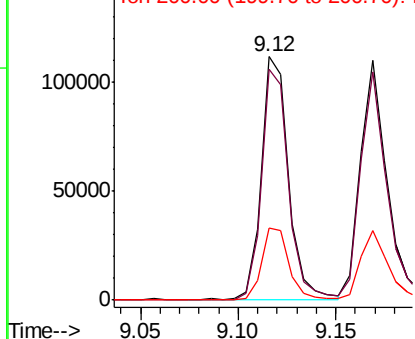
Delta R.T. -0.01 min

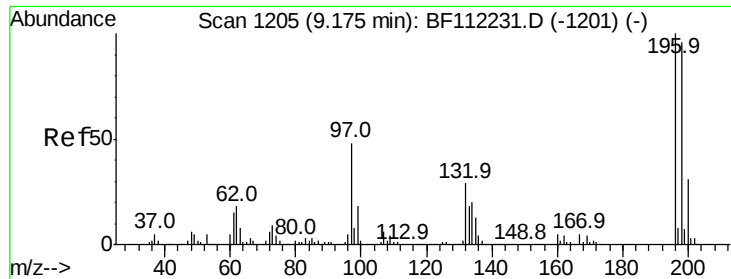
Lab File: BF112294.D

Acq: 29 Jan 2019 14:48

Tgt Ion:	196	Resp:	108477
Ion Ratio	Lower	Upper	
196	100		
198	94.8	76.2	114.4
200	29.7	24.3	36.5

Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E





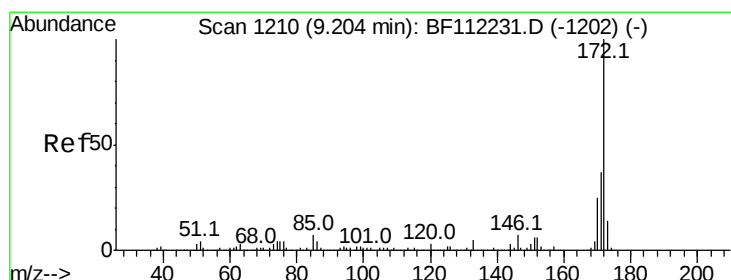
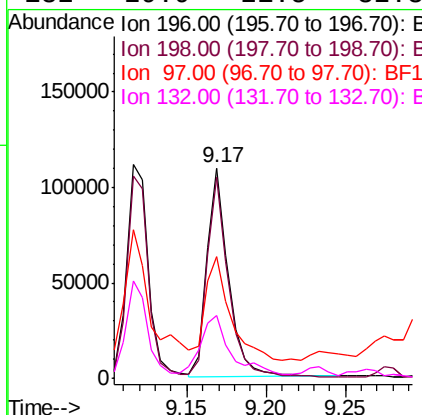
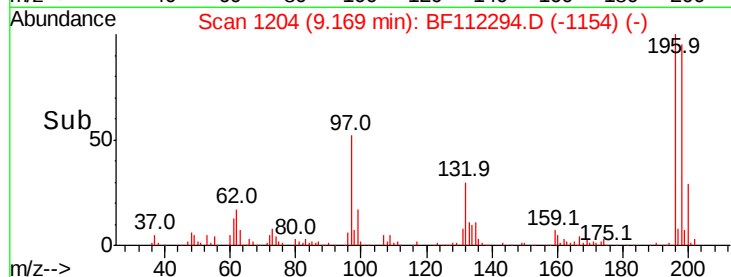
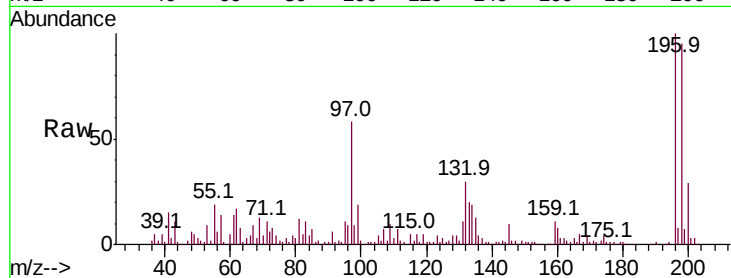
#44
 2,4,5-Trichlorophenol
 Concen: 20.364 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF112294.D
 Acq: 29 Jan 2019 14:48

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-012819MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	105392		
198	95.3	76.0	114.0	
97	57.8	36.4	54.6	
132	29.9	21.5	32.3	

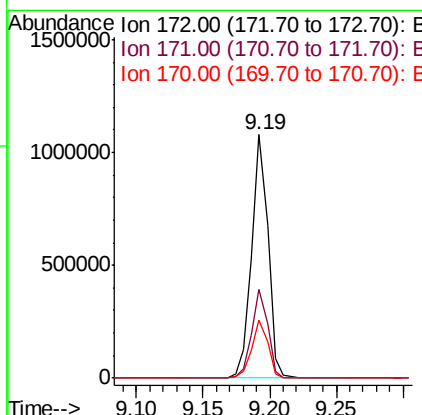
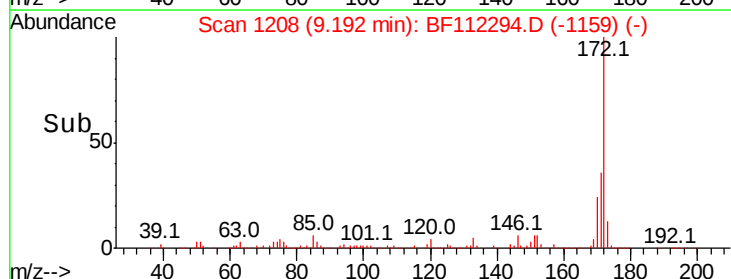
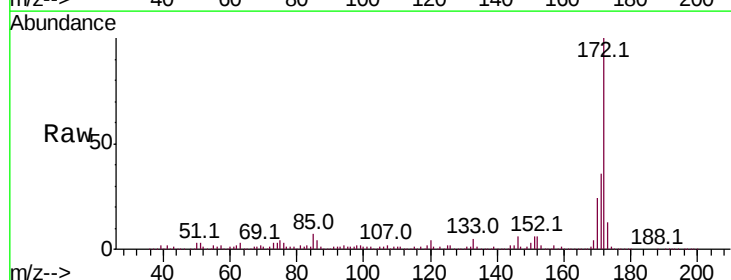
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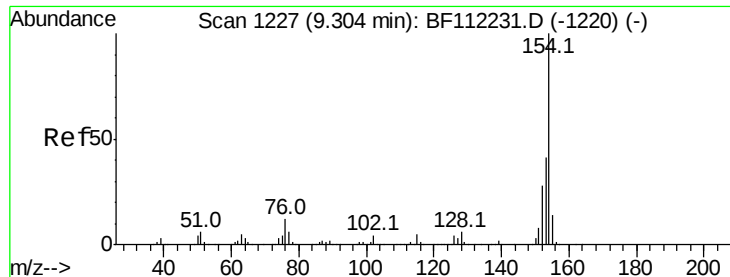
mohammad
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#45
 2-Fluorobiphenyl
 Concen: 51.864 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF112294.D
 Acq: 29 Jan 2019 14:48

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	897247		
171	36.2	30.5	45.7	
170	23.9	20.2	30.4	





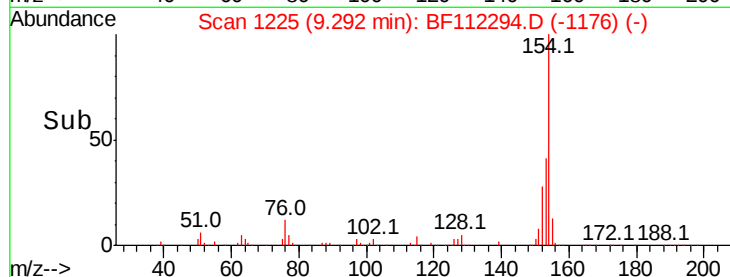
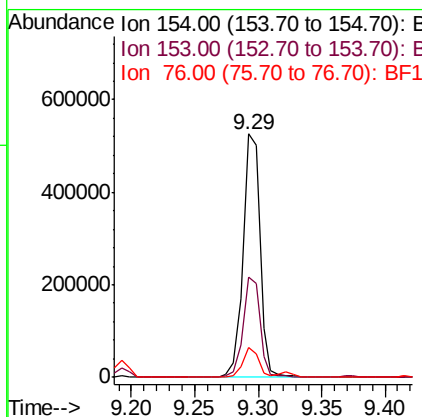
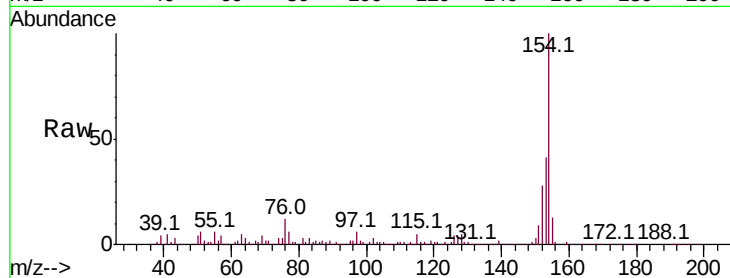
#46
 1,1'-Biphenyl
 Concen: 22.713 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. -0.01 min
 Lab File: BF112294.D
 Acq: 29 Jan 2019 14:48

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-012819MS

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.9	21.5	61.5	
76	12.4	0.0	33.1	

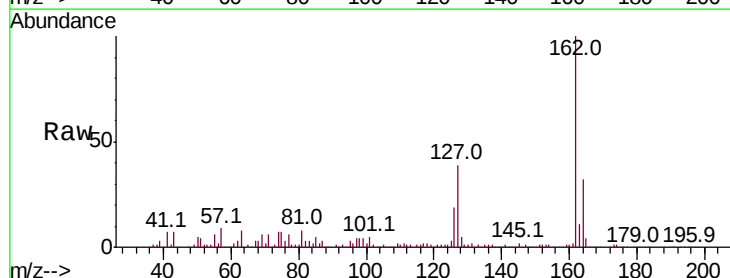
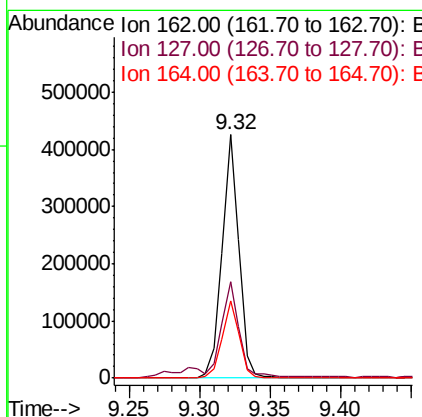
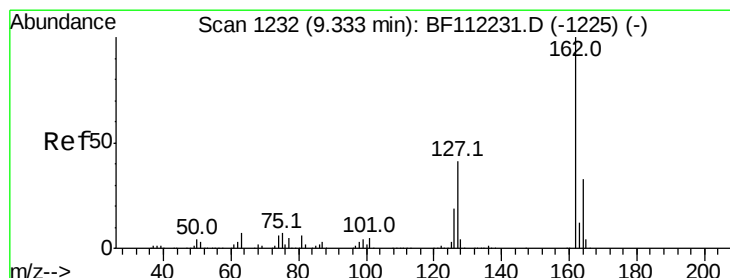
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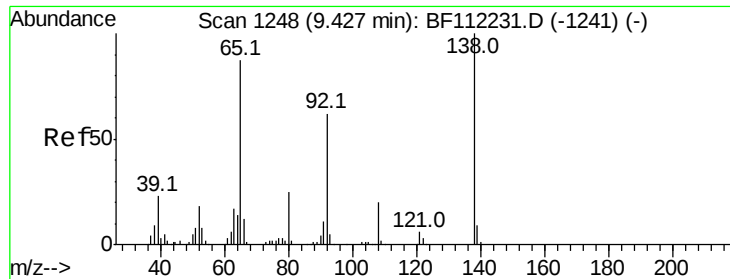
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#47
 2-Chloronaphthalene
 Concen: 21.506 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.01 min
 Lab File: BF112294.D
 Acq: 29 Jan 2019 14:48

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	39.5	30.4	45.6	
164	31.9	27.4	41.2	





#48

2-Nitroaniline

Concen: 20.533 ng

RT: 9.42 min Scan# 1246

Delta R.T. -0.01 min

Lab File: BF112294.D

Acq: 29 Jan 2019 14:48

Instrument :

BNA_F

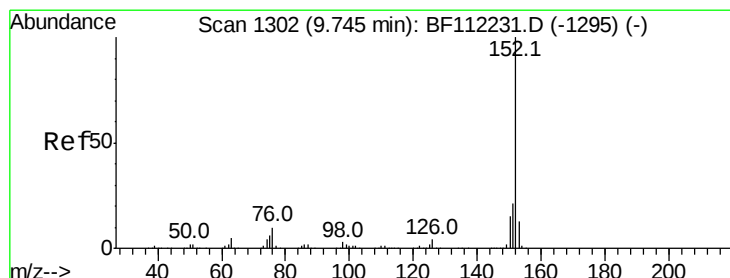
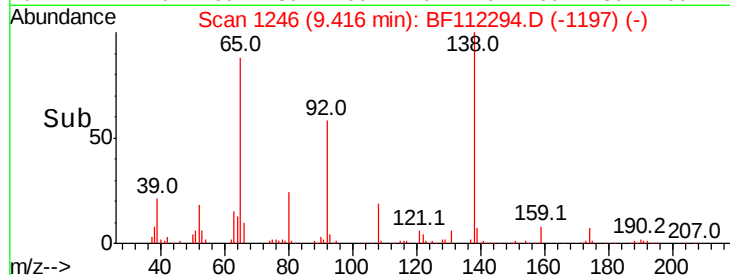
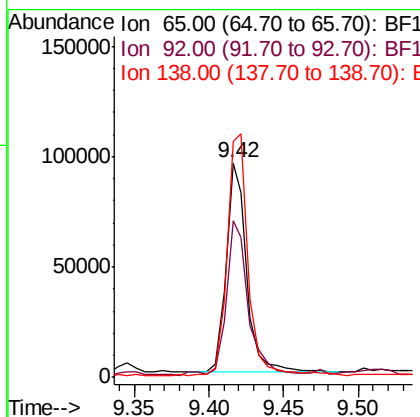
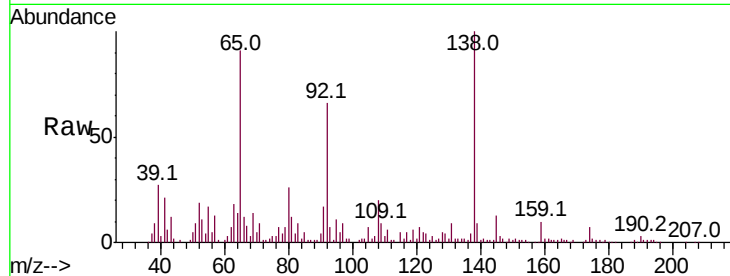
ClientSampleId :

HD-01-012819MS

Tot Ion:	65	Resp:	92831
Ion	Ratio	Lower	Upper
65	100		
92	73.0	60.4	90.6
138	110.3	104.4	156.6

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#49

Acenaphthylene

Concen: 22.838 ng

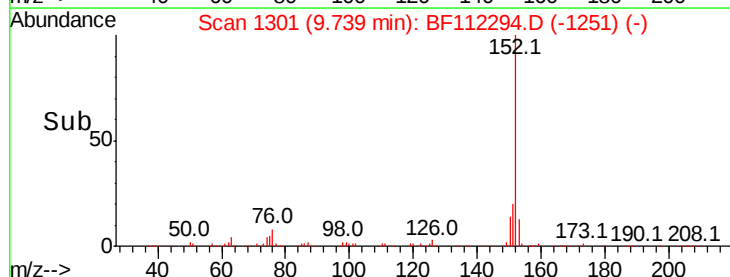
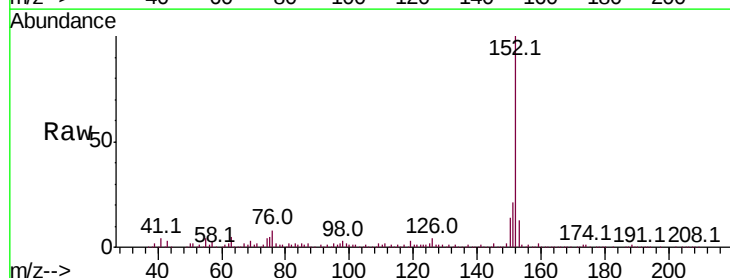
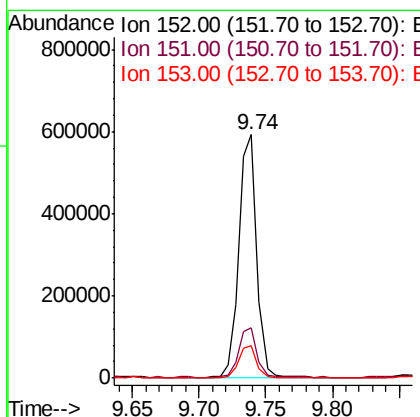
RT: 9.74 min Scan# 1301

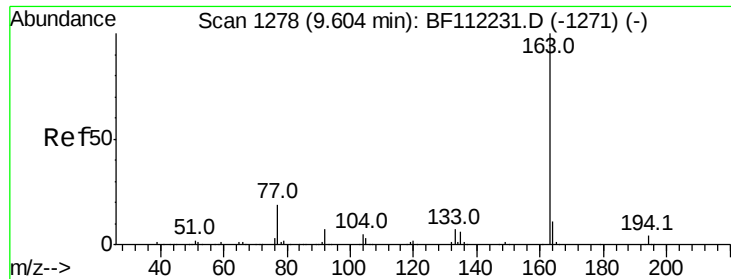
Delta R.T. -0.01 min

Lab File: BF112294.D

Acq: 29 Jan 2019 14:48

Tgt Ion:	152	Resp:	555249
Ion	Ratio	Lower	Upper
152	100		
151	20.5	17.0	25.6
153	13.3	11.2	16.8





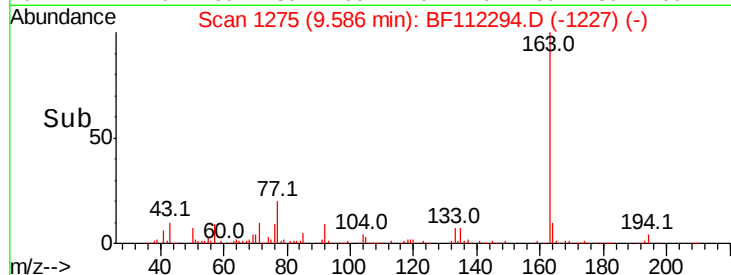
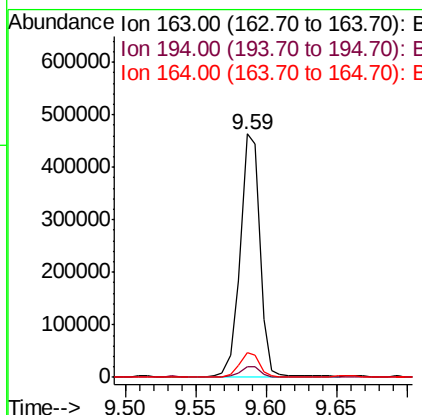
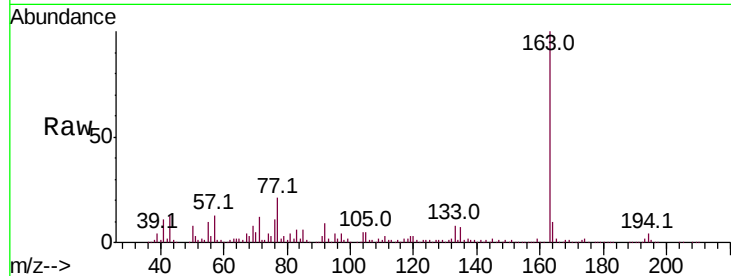
#50
Dimethylphthalate
Concen: 23.535 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF112294.D
Acq: 29 Jan 2019 14:48

Instrument :
BNA_F
ClientSampleId :
HD-01-012819MS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	447407		
194	4.4	3.3	4.9	
164	10.2	8.5	12.7	

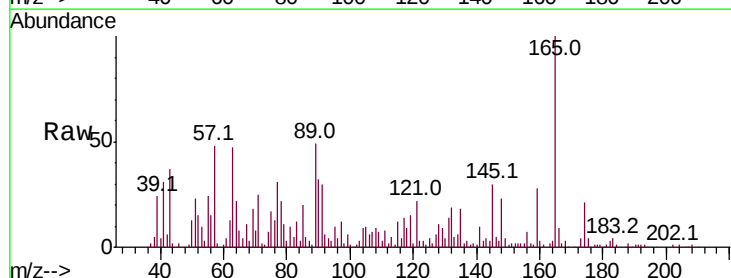
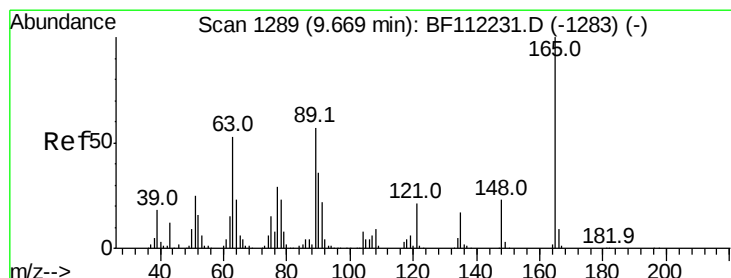
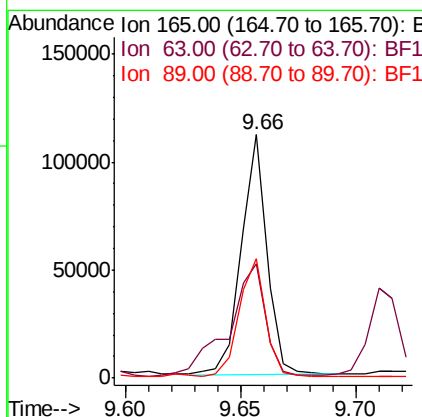
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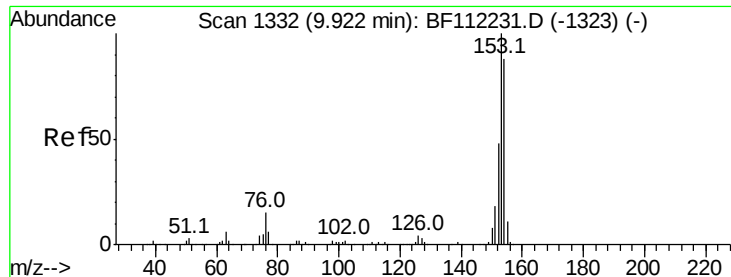
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#51
2,6-Dinitrotoluene
Concen: 20.286 ng
RT: 9.66 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BF112294.D
Acq: 29 Jan 2019 14:48

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	86370		
63	47.2	33.8	50.8	
89	49.3	36.9	55.3	





#52

Acenaphthene

Concen: 21.395 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF112294.D

Acq: 29 Jan 2019 14:48

Instrument :

BNA_F

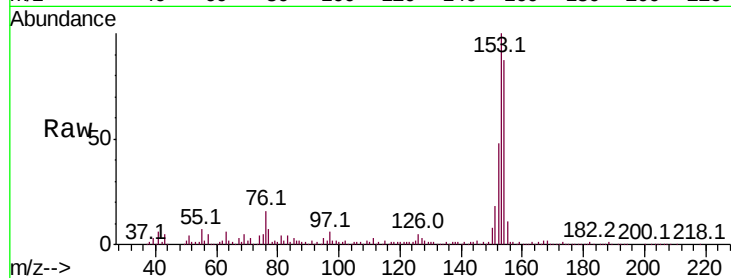
ClientSampleId :

HD-01-012819MS

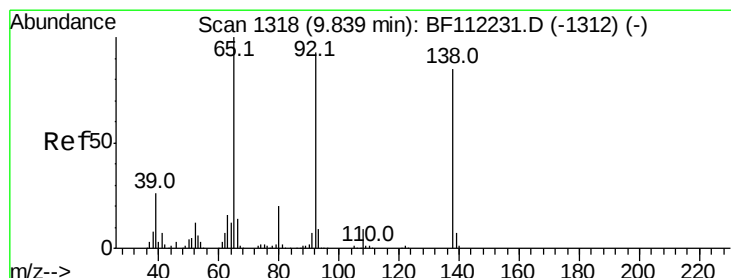
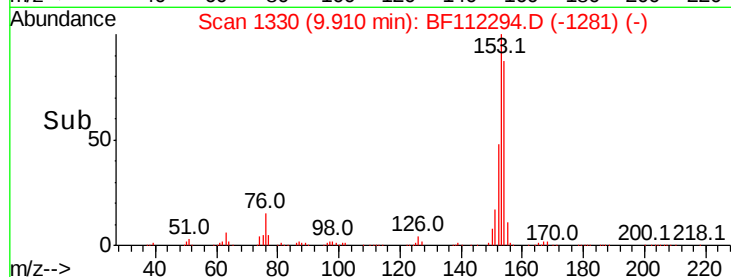
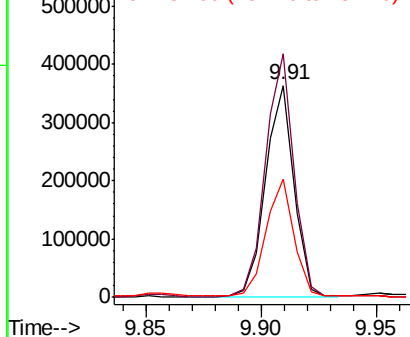
Tot Ion:	154	Resp:	310740
Ion Ratio	Lower	Upper	
154	100		
153	114.9	89.8	134.6
152	55.5	43.5	65.3

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#53

3-Nitroaniline

Concen: 14.788 ng

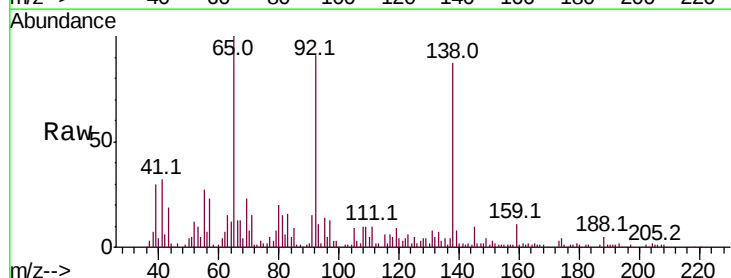
RT: 9.83 min Scan# 1316

Delta R.T. -0.01 min

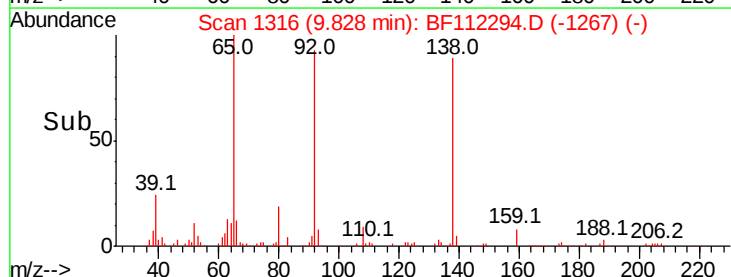
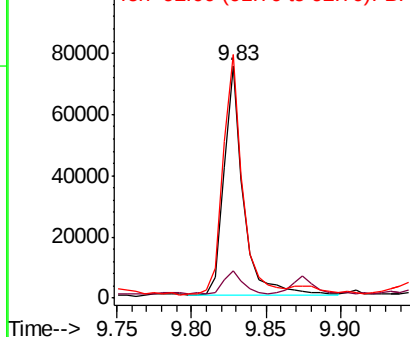
Lab File: BF112294.D

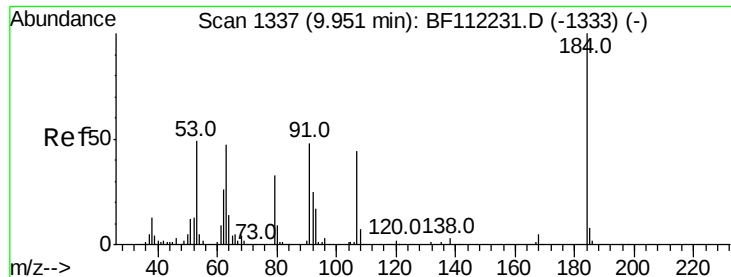
Acq: 29 Jan 2019 14:48

Tgt Ion:	138	Resp:	68209
Ion Ratio	Lower	Upper	
138	100		
108	11.9	9.8	14.6
92	104.8	79.4	119.2



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





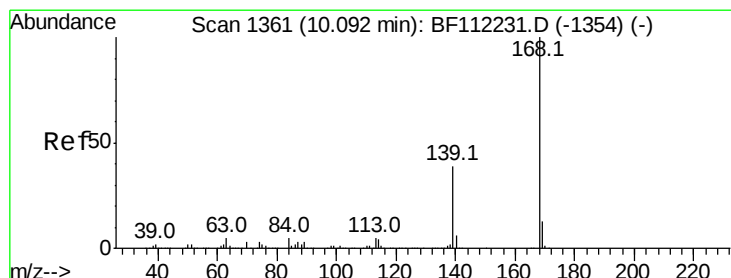
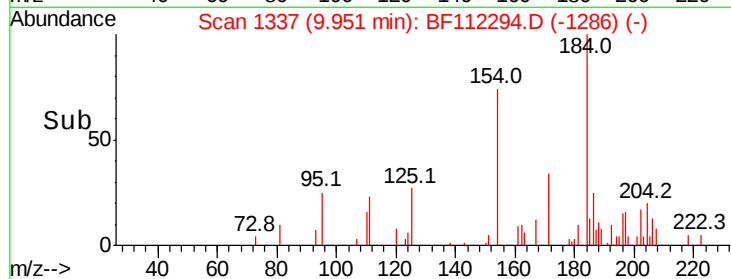
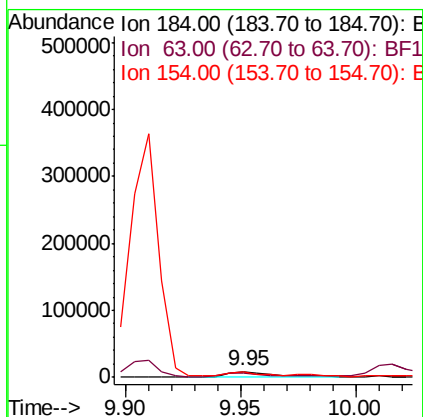
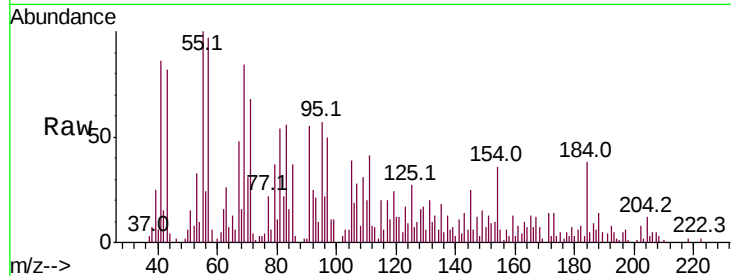
#54
2,4-Dinitrophenol
Concen: 9.849 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF112294.D
Acq: 29 Jan 2019 14:48

Instrument :
BNA_F
ClientSampleId :
HD-01-012819MS

Tot Ion	Ratio	Lower	Upper
184	100		
63	66.6	47.1	70.7
154	92.3	48.9	73.3

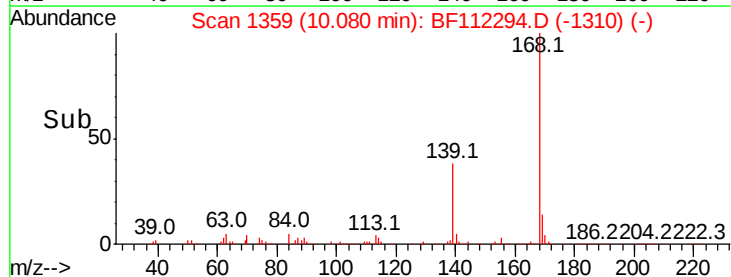
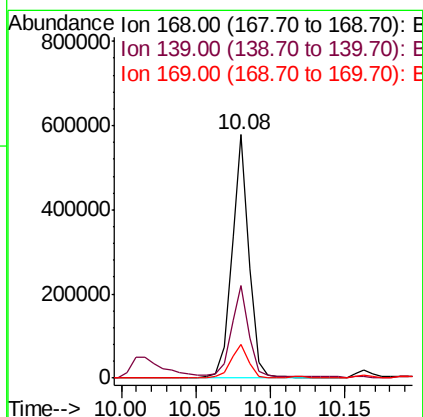
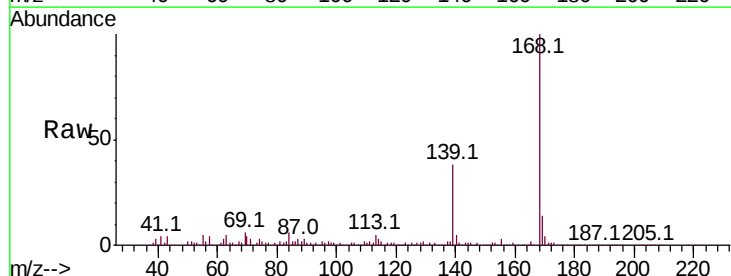
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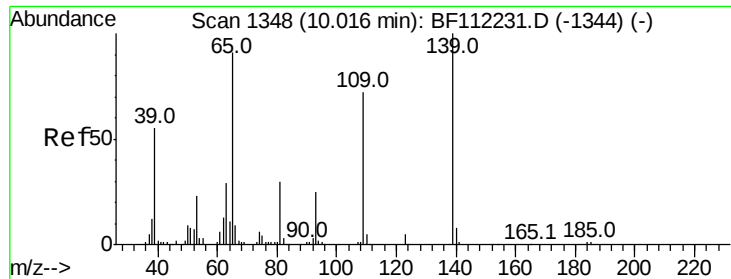
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#55
Dibenzofuran
Concen: 20.818 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF112294.D
Acq: 29 Jan 2019 14:48

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.1	29.2	43.8
169	13.8	11.4	17.0





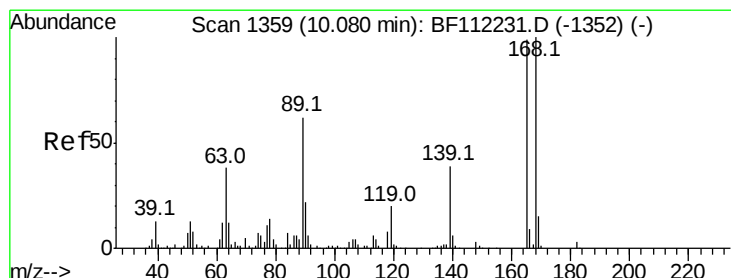
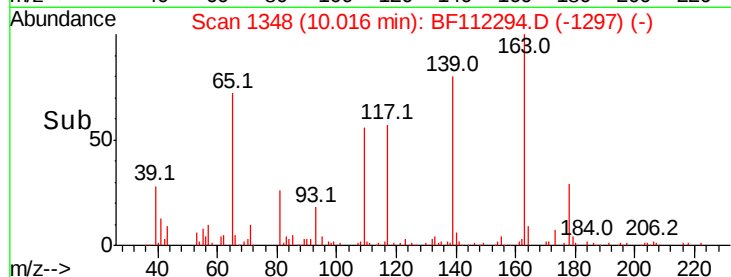
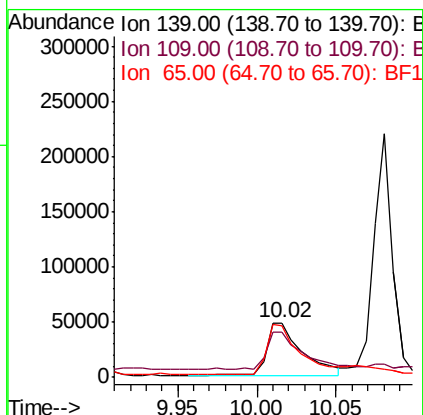
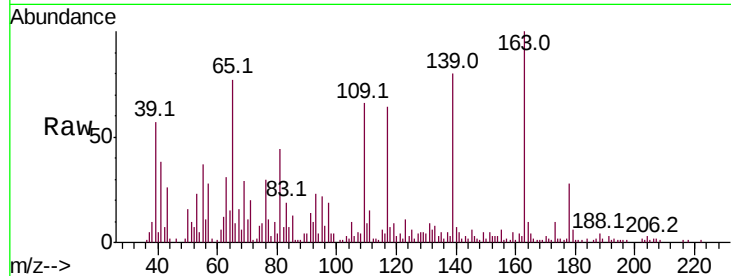
#56
4-Nitrophenol
Concen: 31.332 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BF112294.D
Acq: 29 Jan 2019 14:48

Instrument :
BNA_F
ClientSampleId :
HD-01-012819MS

Tot Ion	Ratio	Lower	Upper
139	100		
109	81.9	42.8	82.8
65	95.7	66.1	106.1

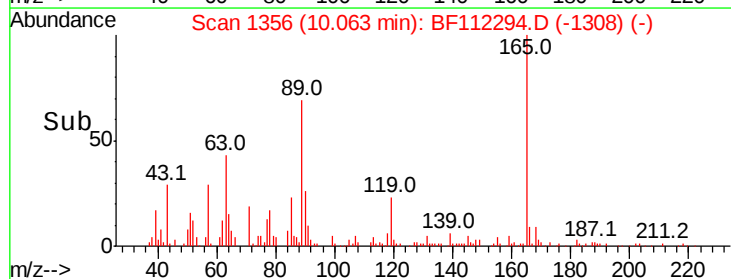
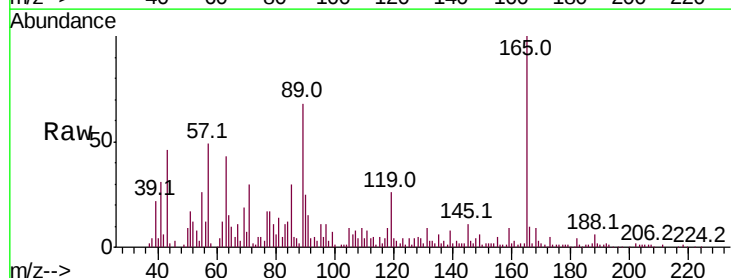
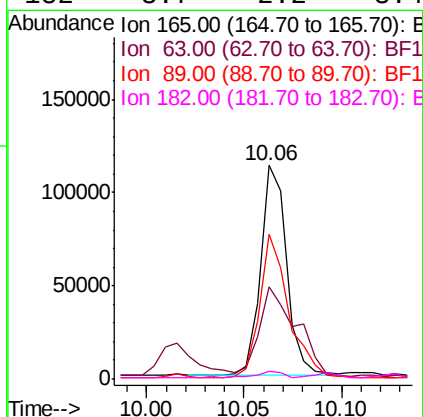
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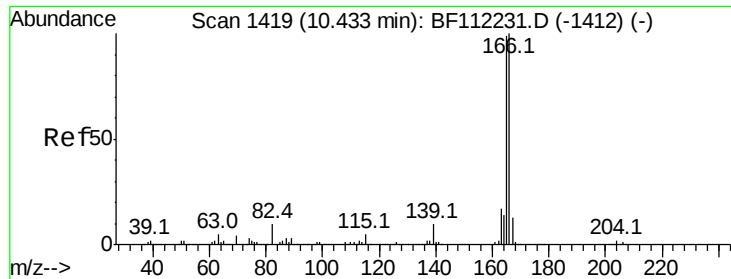
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#57
2,4-Dinitrotoluene
Concen: 19.409 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.02 min
Lab File: BF112294.D
Acq: 29 Jan 2019 14:48

Tgt Ion	Ratio	Lower	Upper
165	100		
63	43.4	27.9	41.9#
89	67.9	47.9	71.9
182	3.7	2.2	3.4#





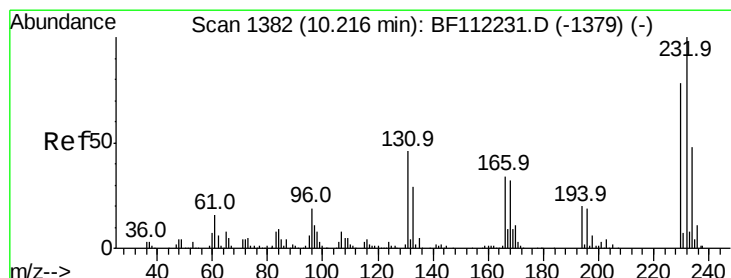
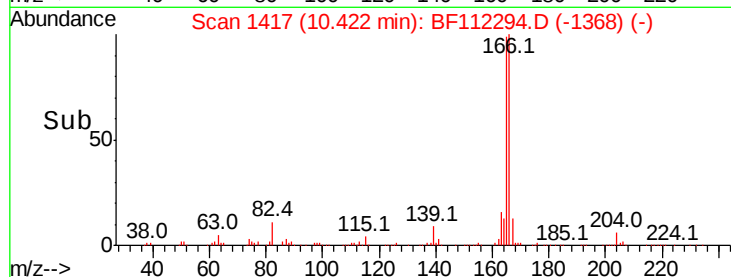
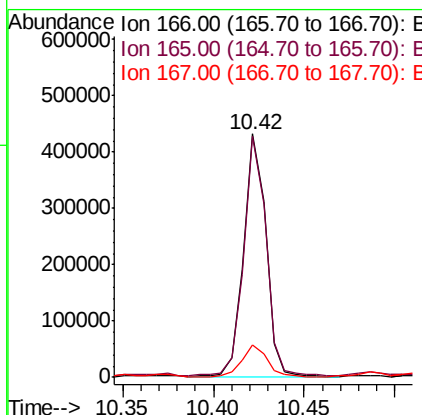
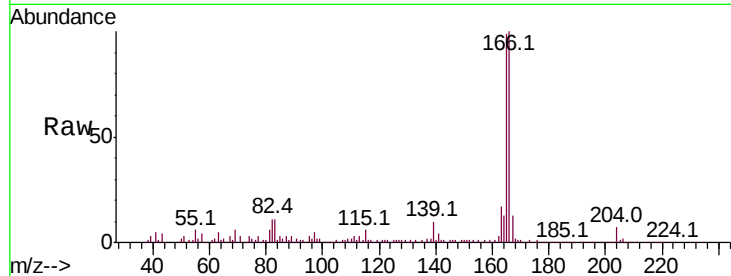
#58
 Fluorene
 Concen: 22.185 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. -0.01 min
 Lab File: BF112294.D
 Acq: 29 Jan 2019 14:48

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-012819MS

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.2	77.1	115.7
167	13.4	11.3	16.9

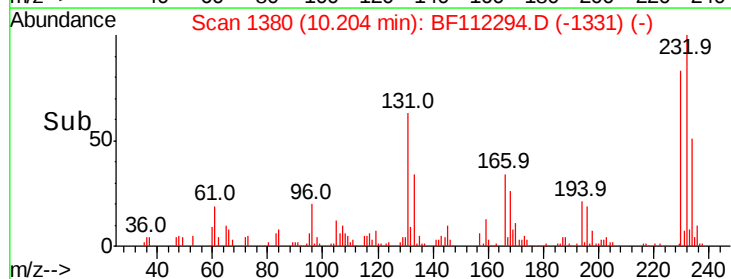
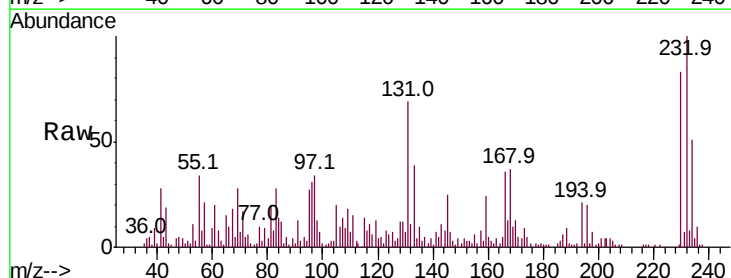
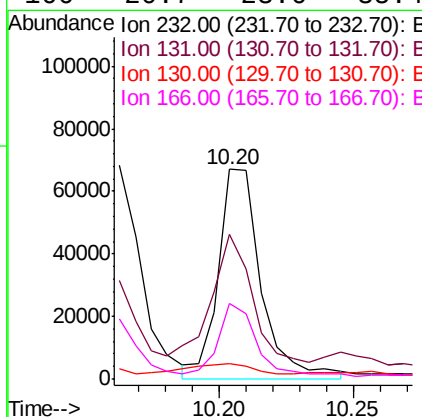
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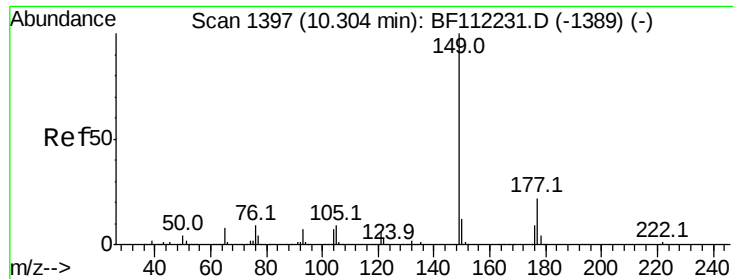
mohammad
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#59
 2,3,4,6-Tetrachlorophenol
 Concen: 19.076 ng m
 RT: 10.20 min Scan# 1380
 Delta R.T. -0.01 min
 Lab File: BF112294.D
 Acq: 29 Jan 2019 14:48

Tgt Ion	Ratio	Lower	Upper
232	100		
131	33.6	33.9	50.9#
130	1.6	1.8	2.6#
166	20.7	23.6	35.4#





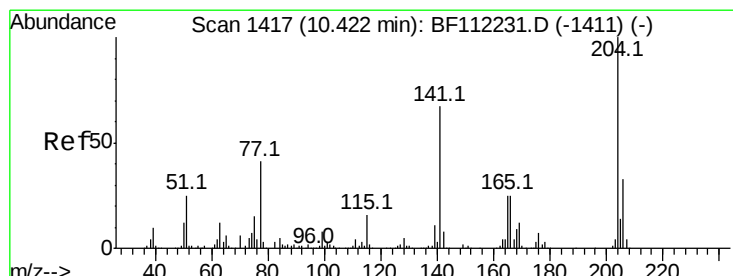
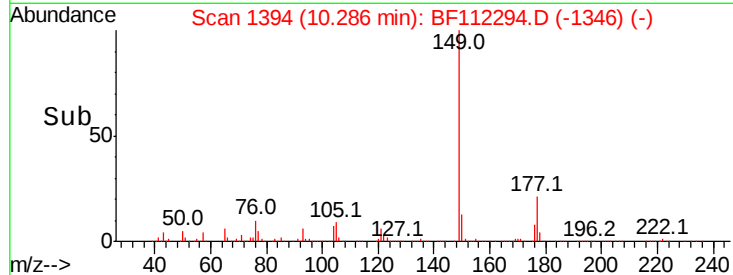
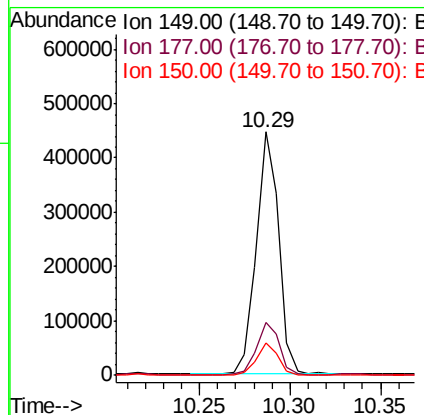
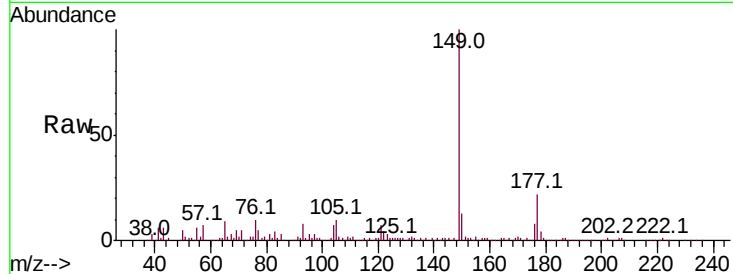
#60
Diethylphthalate
Concen: 20.300 ng
RT: 10.29 min Scan# 1394
Delta R.T. -0.02 min
Lab File: BF112294.D
Acq: 29 Jan 2019 14:48

Instrument :
BNA_F
ClientSampleId :
HD-01-012819MS

Tot Ion:	149	Resp:	382979
Ion Ratio	Lower	Upper	
149	100		
177	21.6	18.2	27.2
150	13.4	10.4	15.6

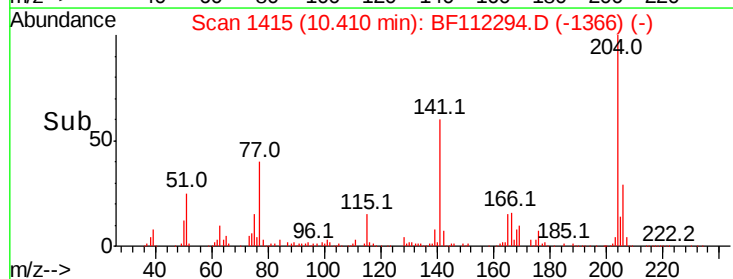
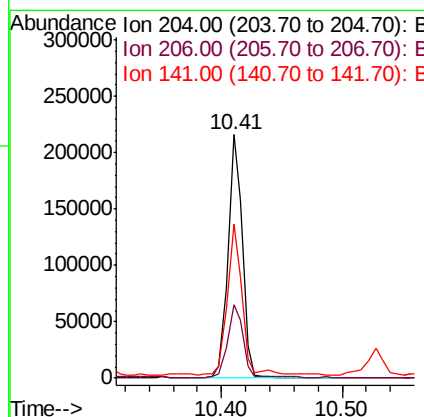
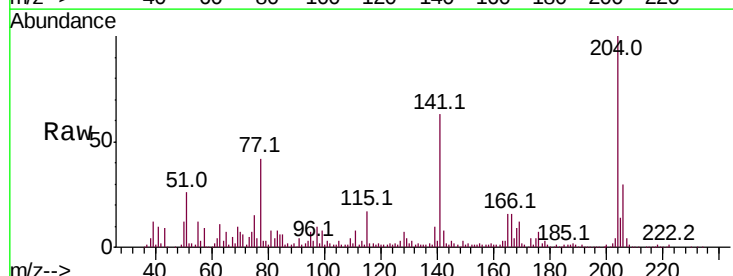
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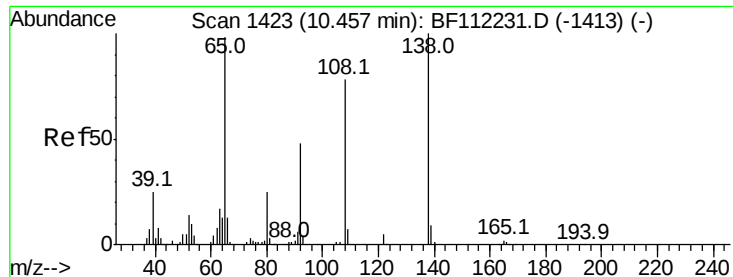
mohammad
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#61
4-Chlorophenyl-phenylether
Concen: 19.685 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF112294.D
Acq: 29 Jan 2019 14:48

Tgt Ion:	204	Resp:	177851
Ion Ratio	Lower	Upper	
204	100		
206	30.0	26.5	39.7
141	63.2	45.9	68.9





#62

4-Nitroaniline

Concen: 15.792 ng

RT: 10.44 min Scan# 1420

Delta R.T. -0.02 min

Lab File: BF112294.D

Acq: 29 Jan 2019 14:48

Instrument :

BNA_F

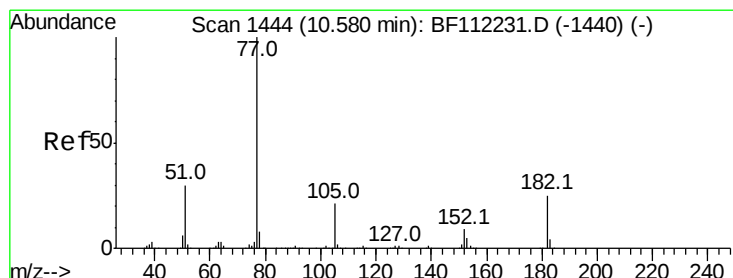
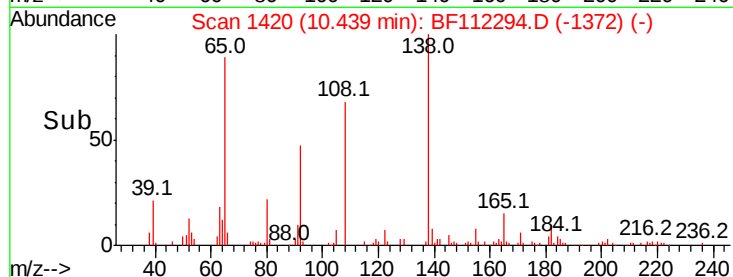
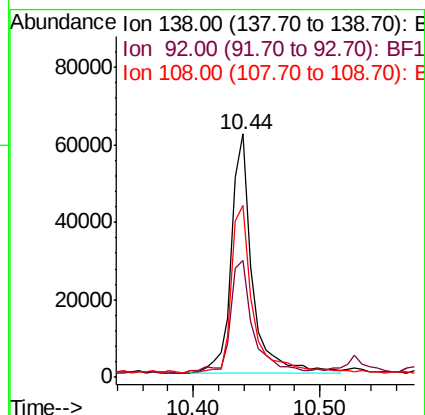
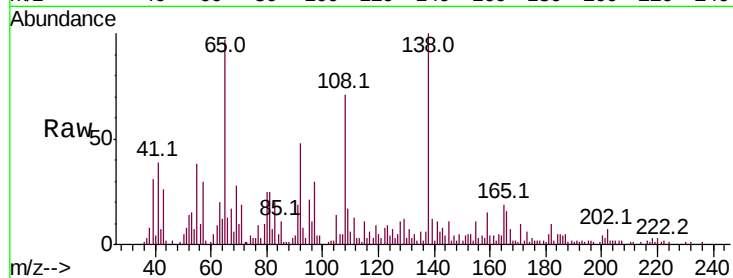
ClientSampleId :

HD-01-012819MS

Tot Ion:	138	Resp:	71446
Ion	Ratio	Lower	Upper
138	100		
92	48.0	30.6	70.6
108	70.5	50.0	90.0

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#63

Azobenzene

Concen: 18.838 ng

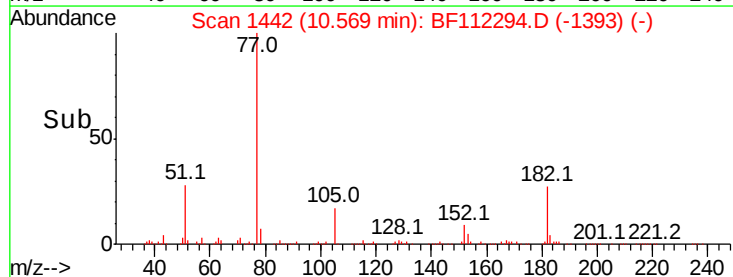
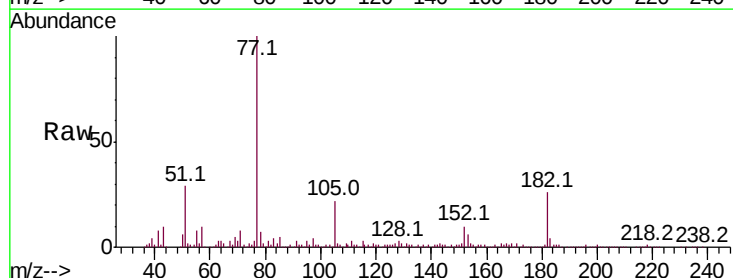
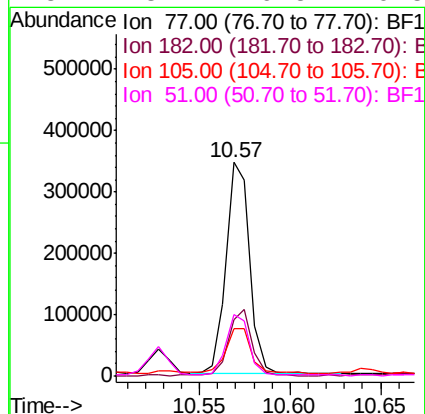
RT: 10.57 min Scan# 1442

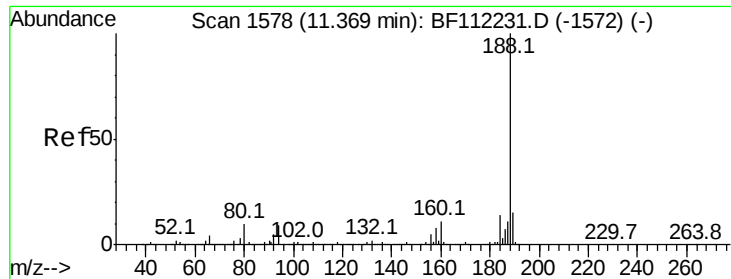
Delta R.T. -0.01 min

Lab File: BF112294.D

Acq: 29 Jan 2019 14:48

Tgt Ion:	77	Resp:	312559
Ion	Ratio	Lower	Upper
77	100		
182	26.3	5.7	45.7
105	22.4	1.4	41.4
51	28.7	9.5	49.5





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF112294.D

Acq: 29 Jan 2019 14:48

Instrument :

BNA_F

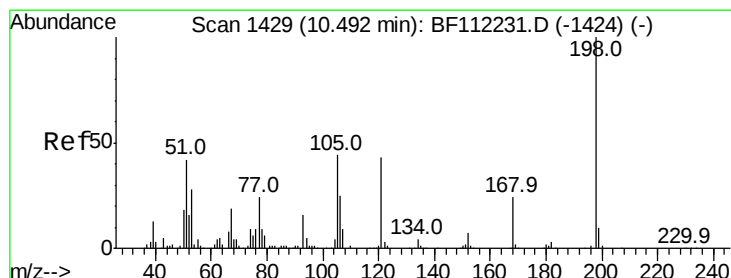
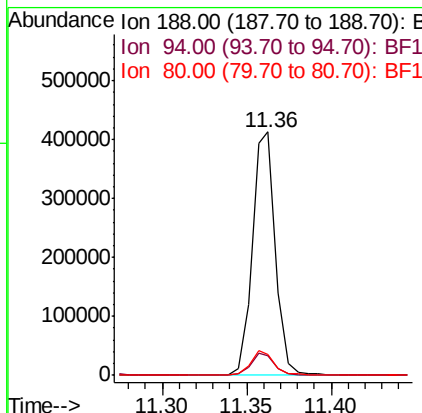
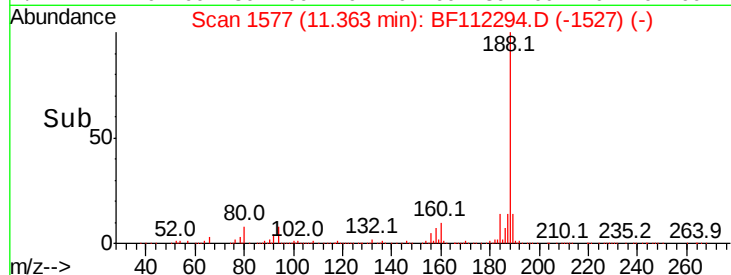
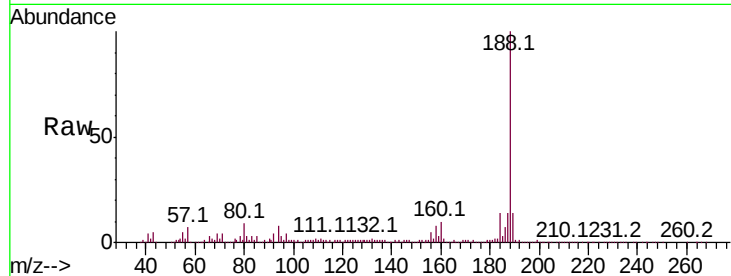
ClientSampleId :

HD-01-012819MS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	392539		
94	8.0	8.2	12.2#	
80	8.5	8.9	13.3#	

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#65

4,6-Dinitro-2-methylphenol

Concen: 10.691 ng

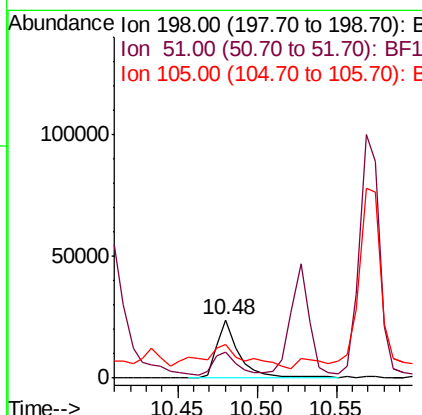
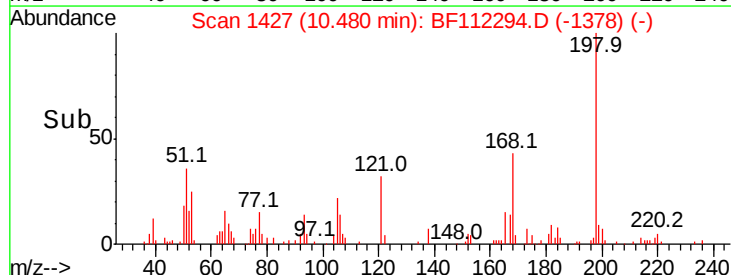
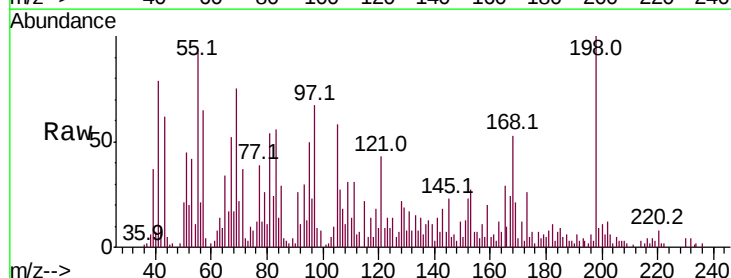
RT: 10.48 min Scan# 1427

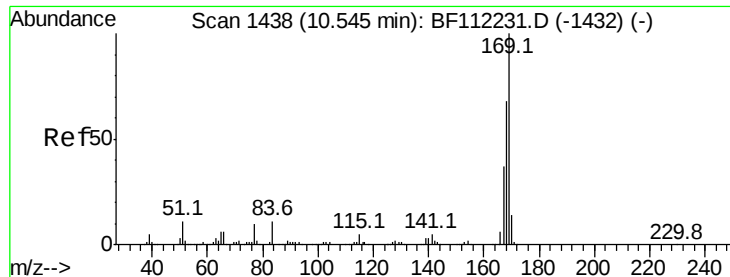
Delta R.T. -0.01 min

Lab File: BF112294.D

Acq: 29 Jan 2019 14:48

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	23530		
51	44.7	17.2	57.2	
105	58.3	21.9	61.9	





#66

n-Nitrosodiphenylamine

Concen: 23.175 ng

RT: 10.53 min Scan# 1435

Delta R.T. -0.02 min

Lab File: BF112294.D

Acq: 29 Jan 2019 14:48

Instrument :

BNA_F

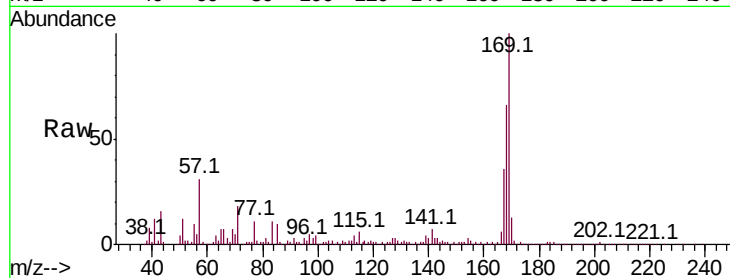
ClientSampleId :

HD-01-012819MS

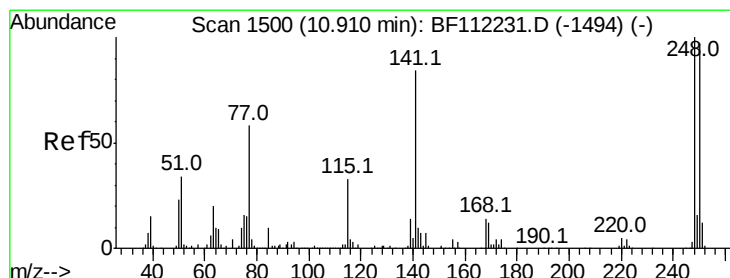
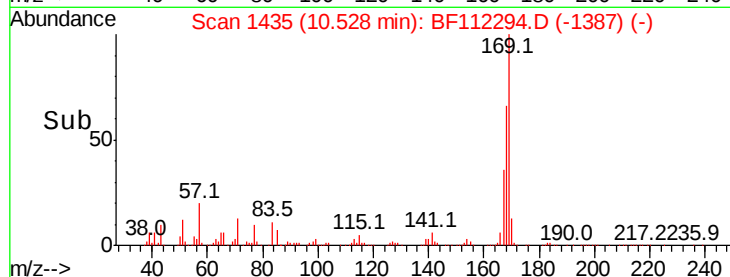
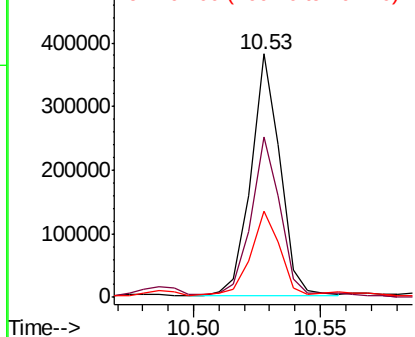
Tot Ion:	169	Resp:	306593
Ion Ratio	Lower	Upper	
169	100		
168	66.2	53.9	80.9
167	35.7	28.9	43.3

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



#67

4-Bromophenyl-phenylether

Concen: 21.375 ng

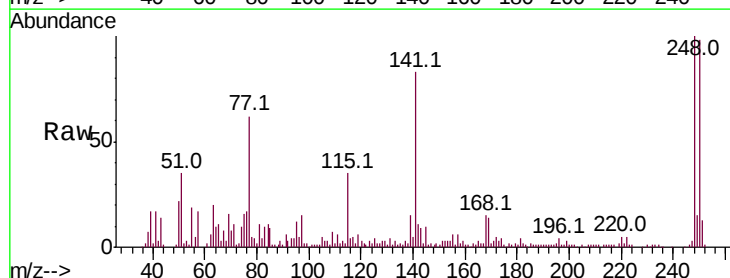
RT: 10.90 min Scan# 1498

Delta R.T. -0.01 min

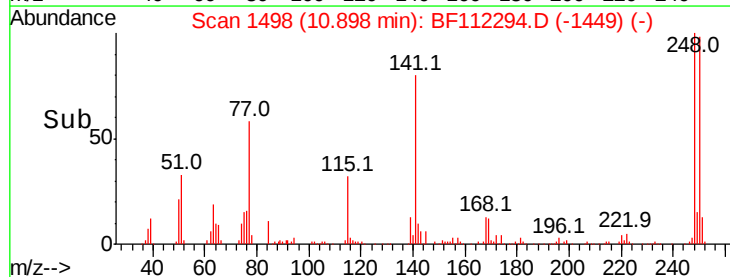
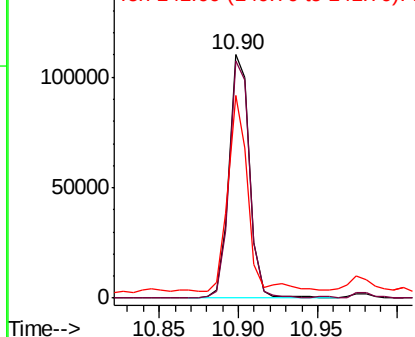
Lab File: BF112294.D

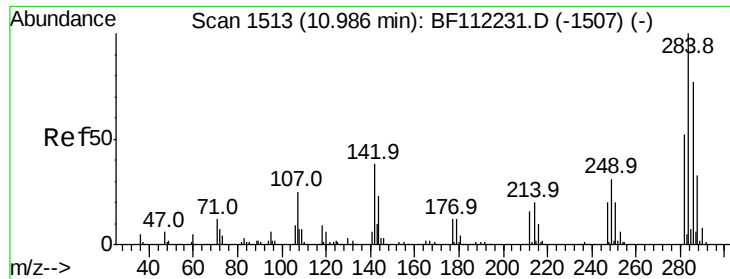
Acq: 29 Jan 2019 14:48

Tgt Ion:	248	Resp:	98685
Ion Ratio	Lower	Upper	
248	100		
250	97.5	79.7	119.5
141	83.0	60.3	90.5



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





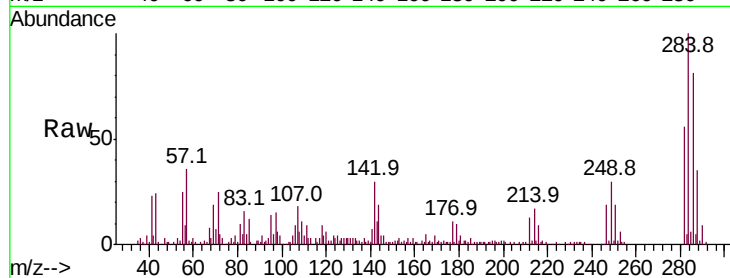
#68
Hexachlorobenzene
Concen: 20.261 ng
RT: 10.98 min Scan# 1512
Delta R.T. -0.01 min
Lab File: BF112294.D
Acq: 29 Jan 2019 14:48

Instrument :
BNA_F
ClientSampleId :
HD-01-012819MS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	30.3	27.6	41.4	
249	30.3	24.1	36.1	

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Abundance Ion 283.80 (283.50 to 284.50): E
150000 Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

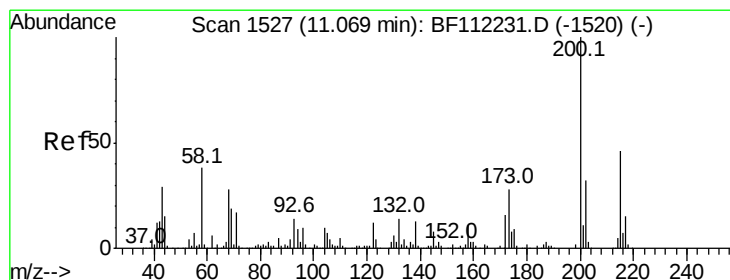
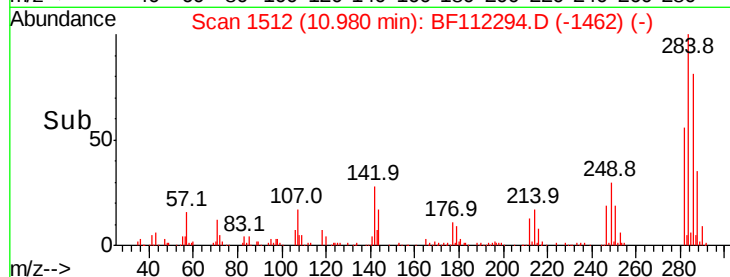
10.98

100000

50000

0

Time-->



#69
Atrazine
Concen: 22.812 ng
RT: 11.05 min Scan# 1524
Delta R.T. -0.02 min
Lab File: BF112294.D
Acq: 29 Jan 2019 14:48

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	27.1	7.1	47.1	
215	47.0	30.4	70.4	

Abundance Ion 200.00 (199.70 to 200.70): E
150000 Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

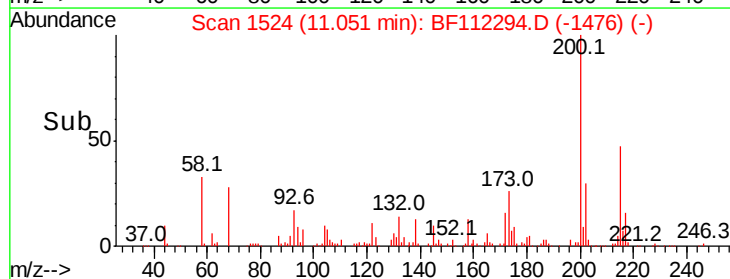
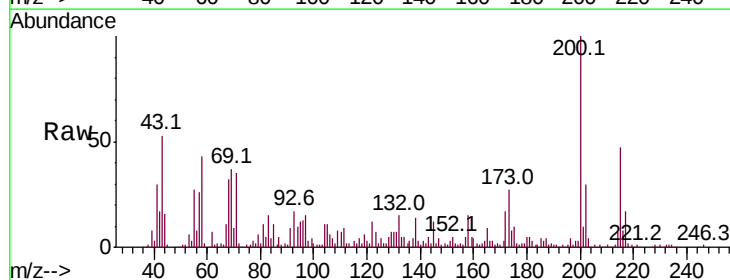
11.05

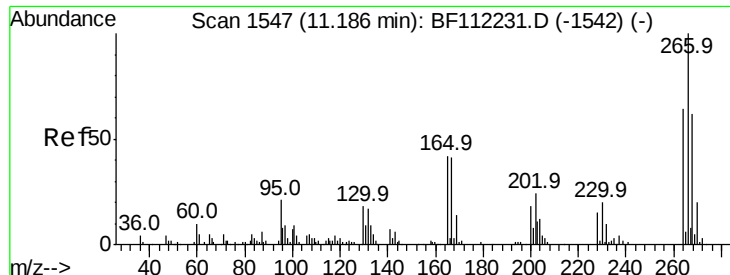
100000

50000

0

Time-->





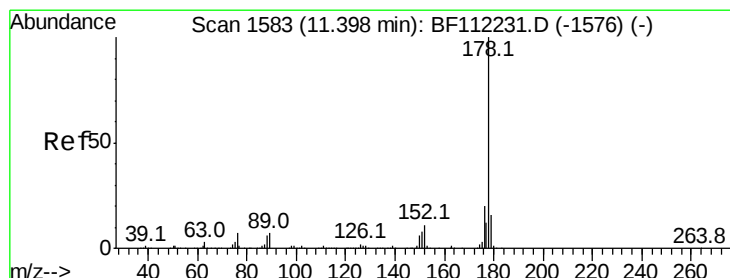
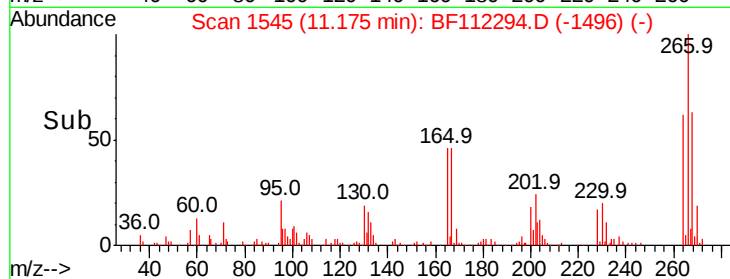
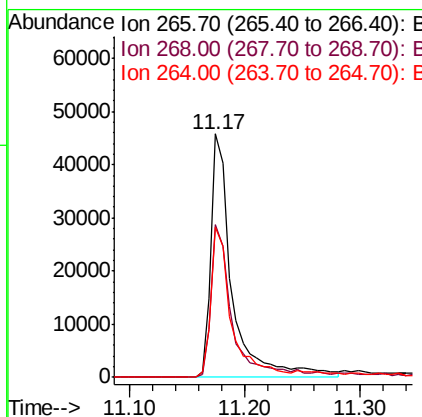
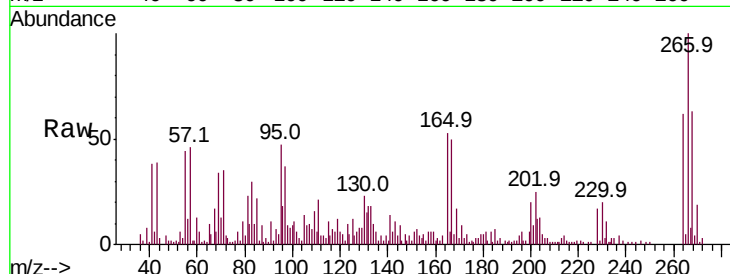
#70
 Pentachlorophenol
 Concen: 30.460 ng
 RT: 11.17 min Scan# 1545
 Delta R.T. -0.01 min
 Lab File: BF112294.D
 Acq: 29 Jan 2019 14:48

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-012819MS

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.5	51.2	76.8
264	61.7	50.9	76.3

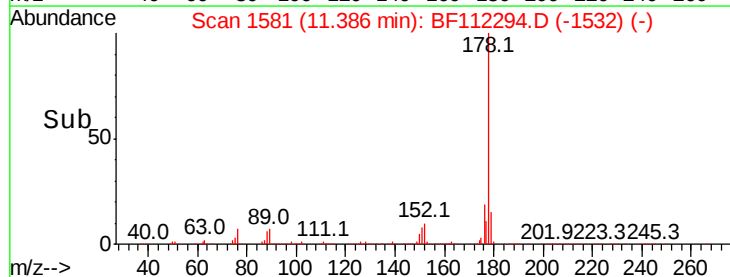
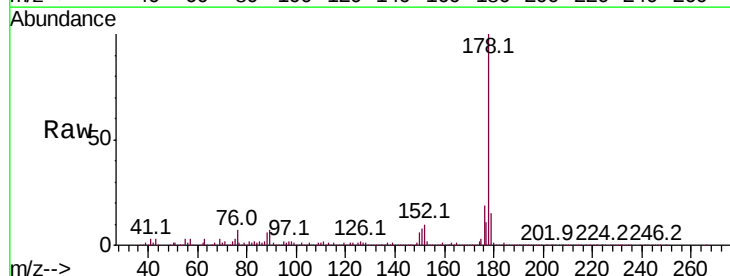
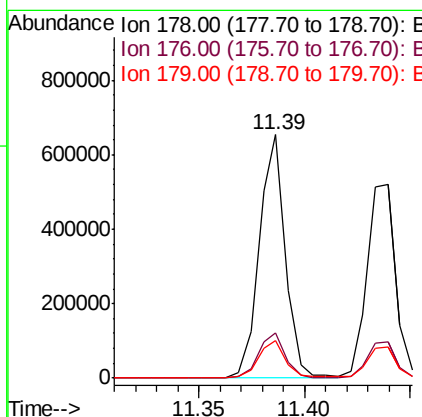
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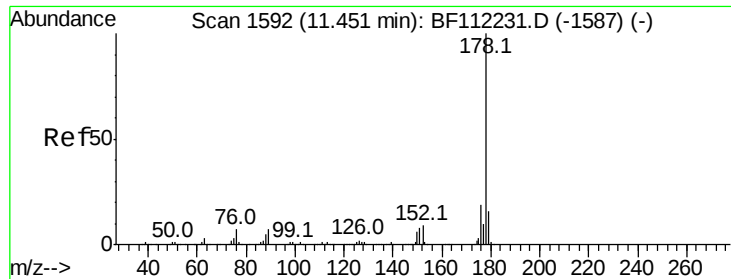
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#71
 Phenanthrene
 Concen: 27.264 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: BF112294.D
 Acq: 29 Jan 2019 14:48

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	16.3	24.5
179	15.4	13.0	19.4





#72

Anthracene

Concen: 24.326 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BF112294.D

Acq: 29 Jan 2019 14:48

Instrument :

BNA_F

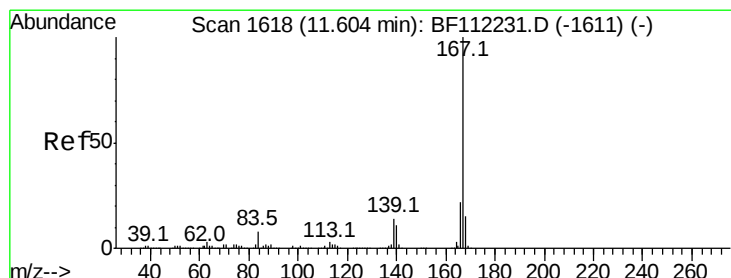
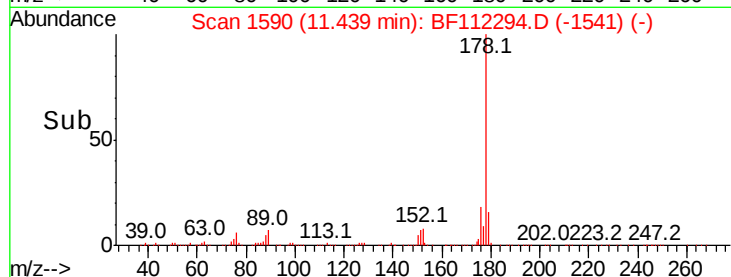
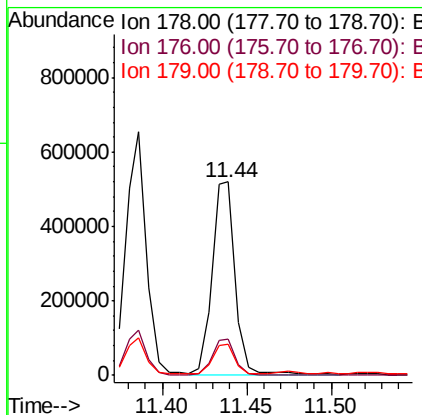
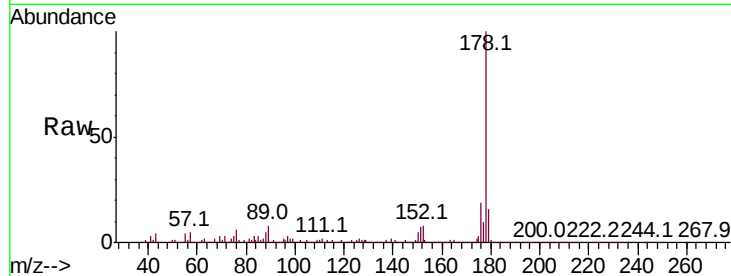
ClientSampleId :

HD-01-012819MS

Tot Ion:	178	Resp:	494507
Ion Ratio	Lower	Upper	
178	100		
176	18.5	15.5	23.3
179	16.0	12.8	19.2

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#73

Carbazole

Concen: 19.913 ng

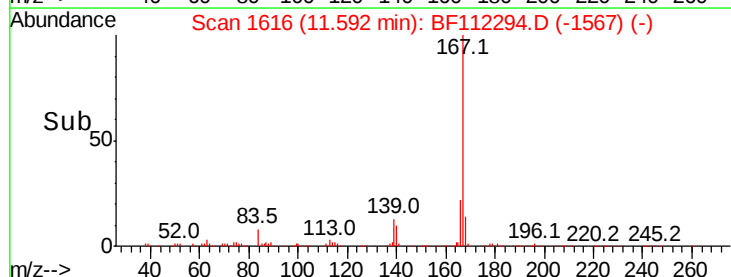
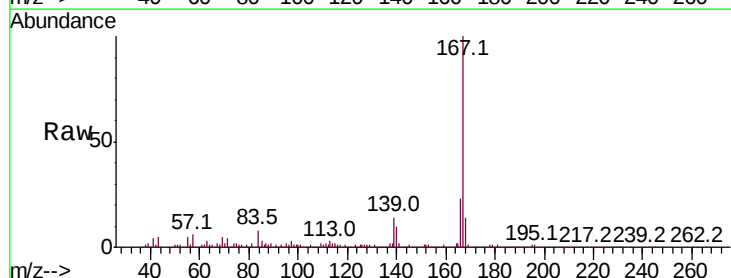
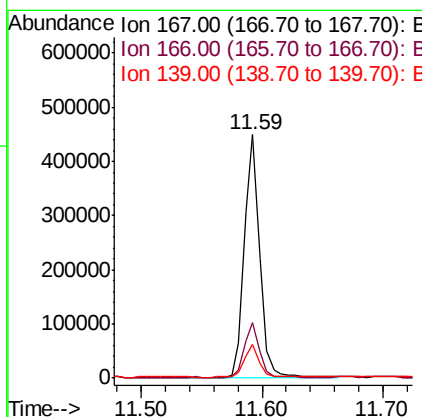
RT: 11.59 min Scan# 1616

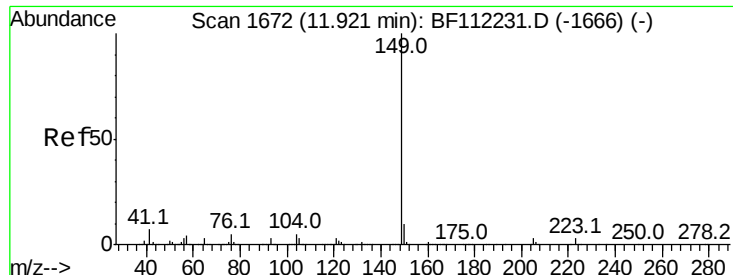
Delta R.T. -0.01 min

Lab File: BF112294.D

Acq: 29 Jan 2019 14:48

Tgt Ion:	167	Resp:	399310
Ion Ratio	Lower	Upper	
167	100		
166	22.6	17.9	26.9
139	13.6	10.2	15.2





#74

Di-n-butylphthalate

Concen: 20.618 ng

RT: 11.92 min Scan# 1671

Delta R.T. -0.01 min

Lab File: BF112294.D

Acq: 29 Jan 2019 14:48

Instrument :

BNA_F

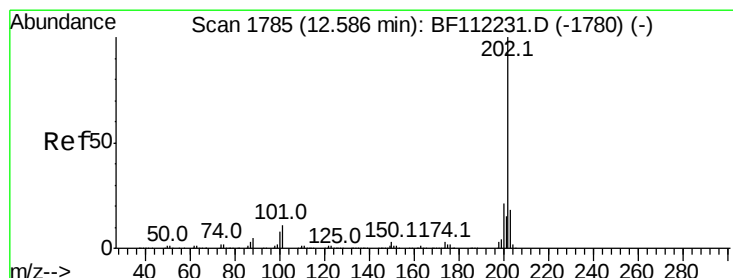
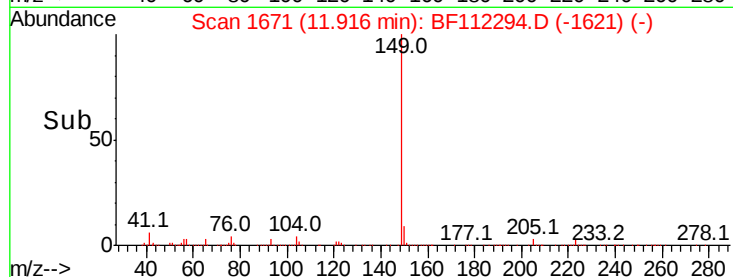
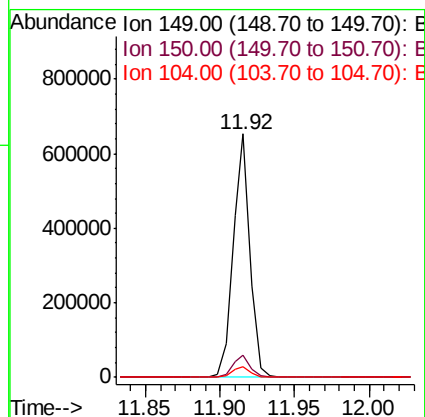
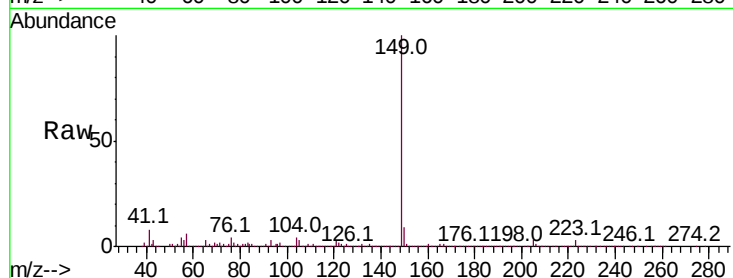
ClientSampleId :

HD-01-012819MS

Tot Ion:	149	Resp:	513174
Ion Ratio	Lower	Upper	
149	100		
150	8.9	8.1	12.1
104	4.5	3.9	5.9

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#75

Fluoranthene

Concen: 28.658 ng

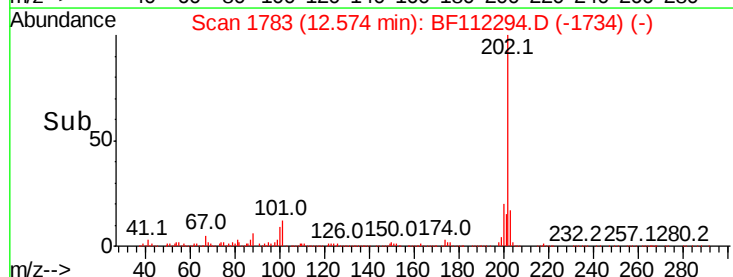
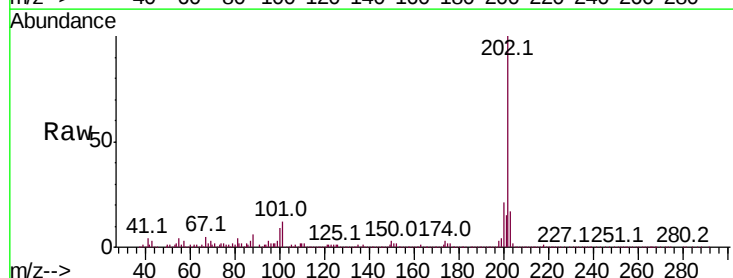
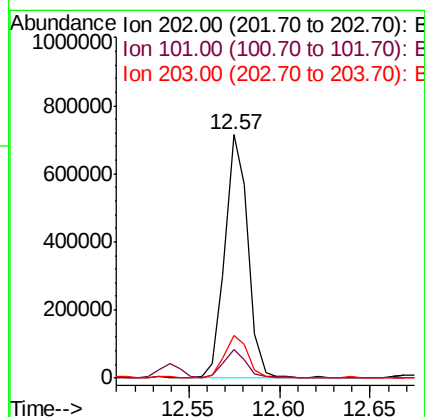
RT: 12.57 min Scan# 1783

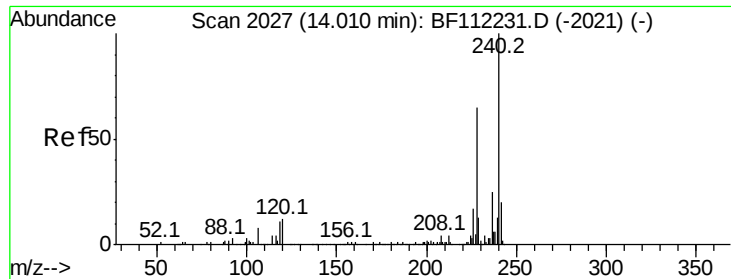
Delta R.T. -0.01 min

Lab File: BF112294.D

Acq: 29 Jan 2019 14:48

Tgt Ion:	202	Resp:	627276
Ion Ratio	Lower	Upper	
202	100		
101	11.9	0.0	31.8
203	17.4	0.0	38.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF112294.D

Acq: 29 Jan 2019 14:48

Instrument :

BNA_F

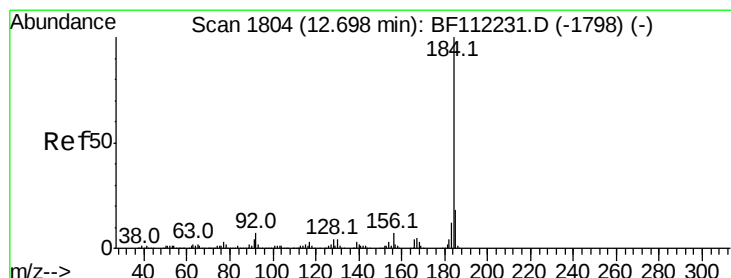
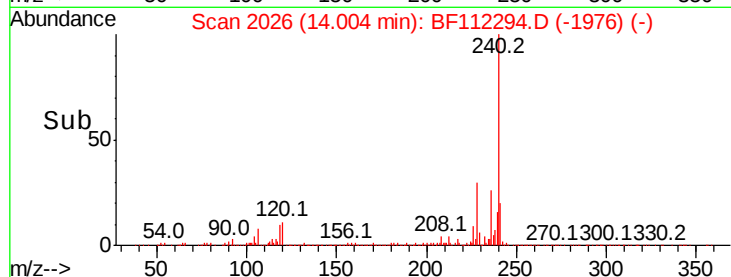
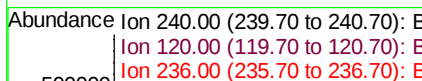
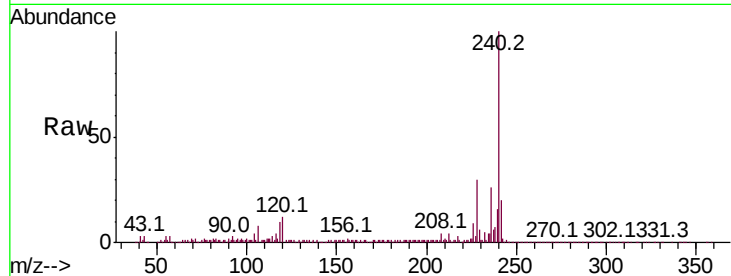
ClientSampleId :

HD-01-012819MS

Tot Ion:	240	Resp:	361570
Ion Ratio	Lower	Upper	
240	100		
120	11.6	9.0	13.6
236	25.8	20.7	31.1

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#77

Benzidine

Concen: 17.695 ng

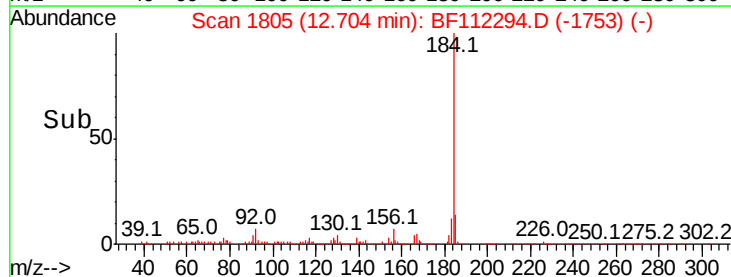
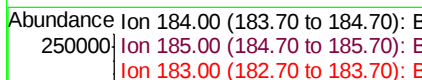
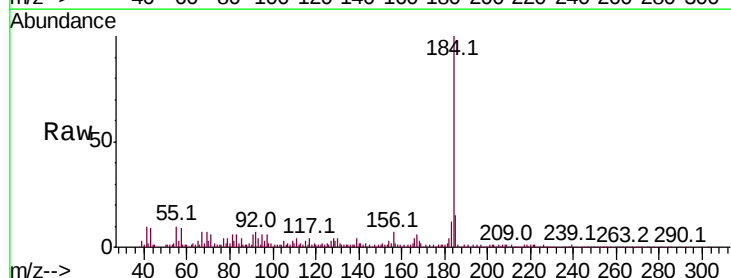
RT: 12.70 min Scan# 1805

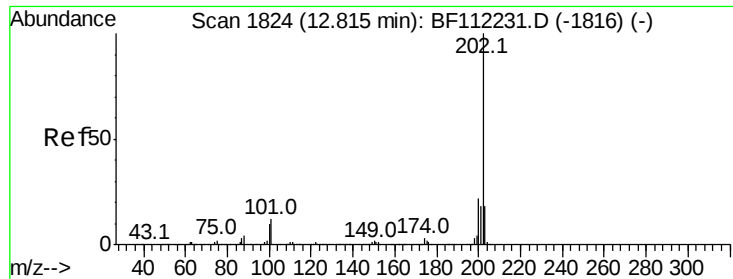
Delta R.T. 0.01 min

Lab File: BF112294.D

Acq: 29 Jan 2019 14:48

Tgt Ion:	184	Resp:	176092
Ion Ratio	Lower	Upper	
184	100		
185	14.7	13.9	20.9
183	12.2	10.0	15.0





#78

Pvrene

Concen: 26.262 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BF112294.D

Acq: 29 Jan 2019 14:48

Instrument :

BNA_F

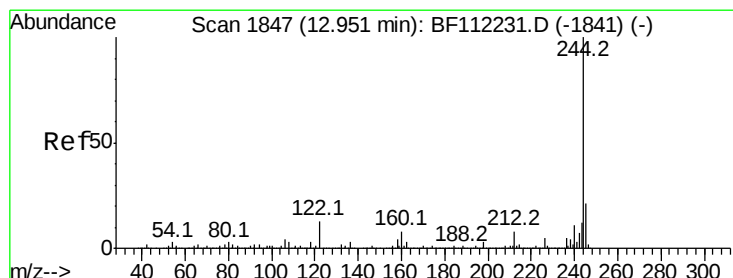
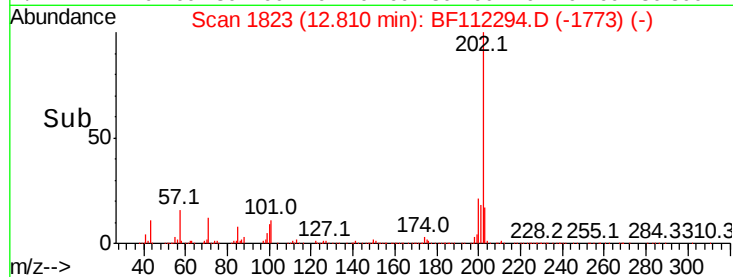
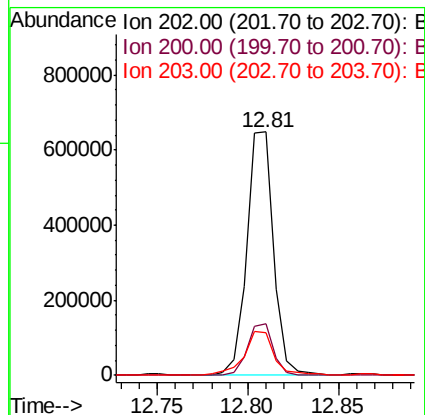
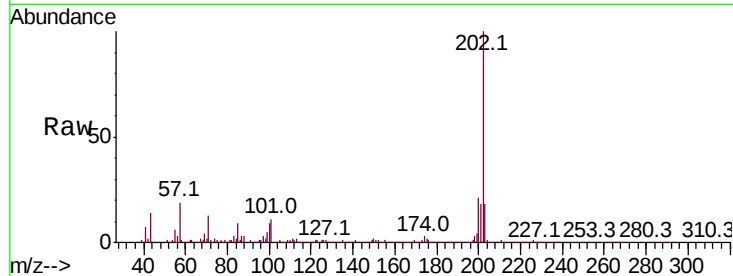
ClientSampleId :

HD-01-012819MS

Tot Ion:	202	Resp:	657411
Ion Ratio	Lower	Upper	
202	100		
200	21.1	17.7	26.5
203	17.7	14.6	22.0

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#79

Terphenyl-d14

Concen: 36.936 ng

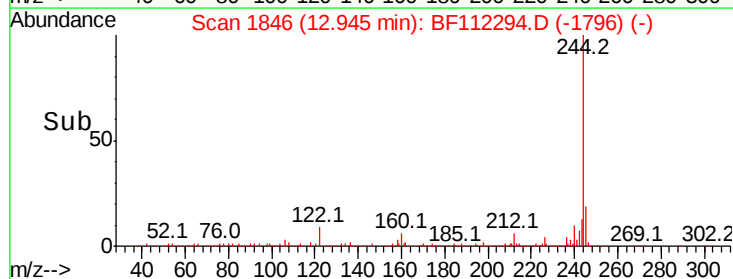
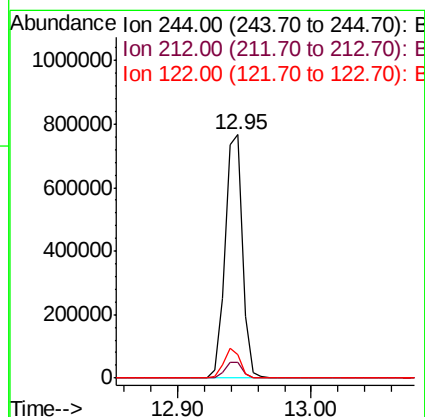
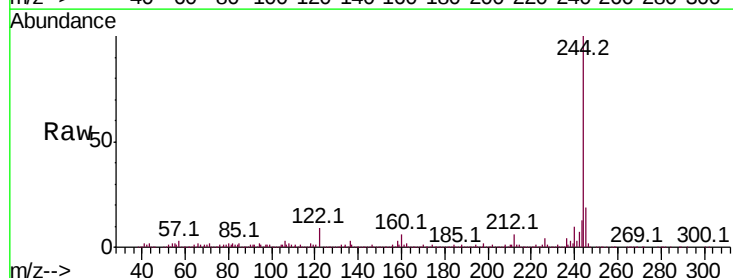
RT: 12.95 min Scan# 1846

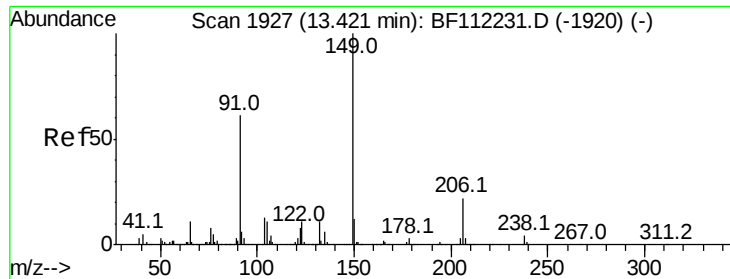
Delta R.T. -0.01 min

Lab File: BF112294.D

Acq: 29 Jan 2019 14:48

Tgt Ion:	244	Resp:	709068
Ion Ratio	Lower	Upper	
244	100		
212	6.4	5.9	8.9
122	9.5	9.8	14.6#





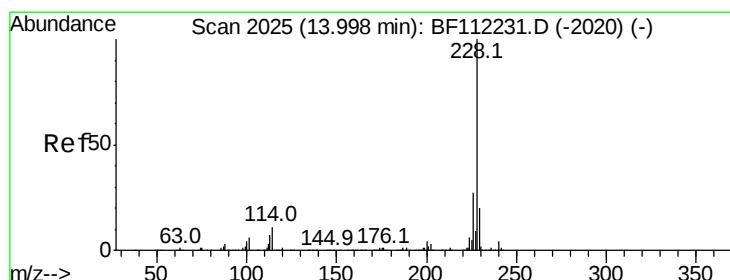
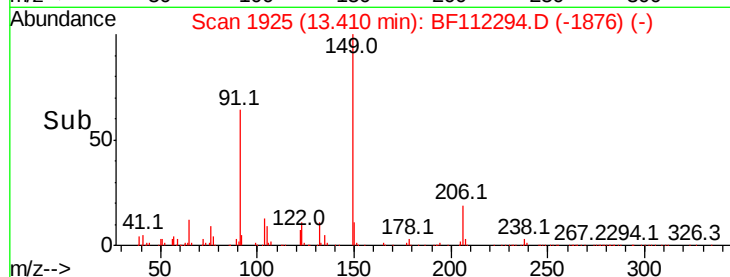
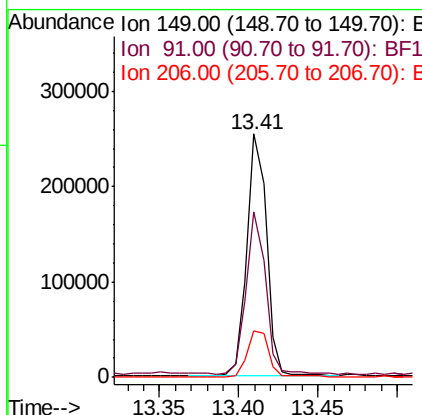
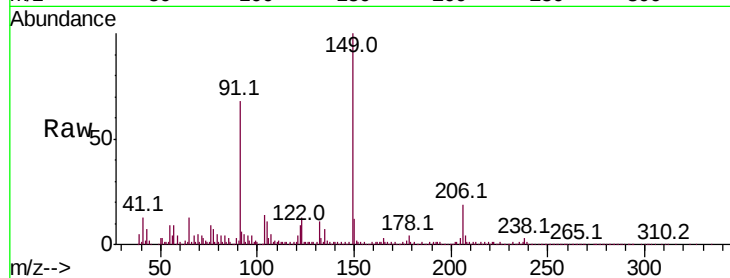
#80
Butylbenzylphthalate
Concen: 17.947 ng
RT: 13.41 min Scan# 1925
Delta R.T. -0.01 min
Lab File: BF112294.D
Acq: 29 Jan 2019 14:48

Instrument :
BNA_F
ClientSampleId :
HD-01-012819MS

Tot Ion	Ratio	Lower	Upper
149	100		
91	68.1	50.3	75.5
206	19.2	18.2	27.4

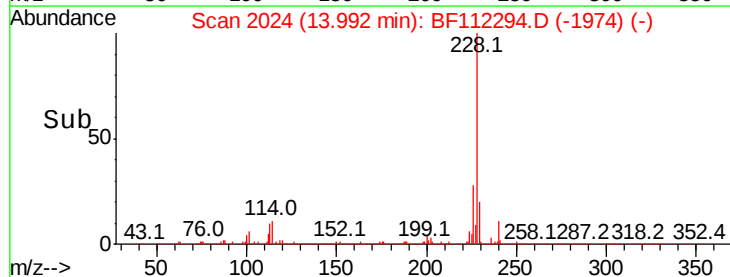
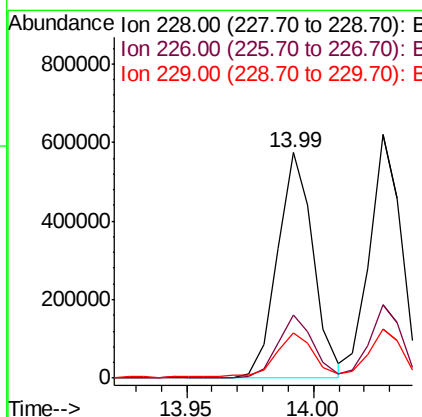
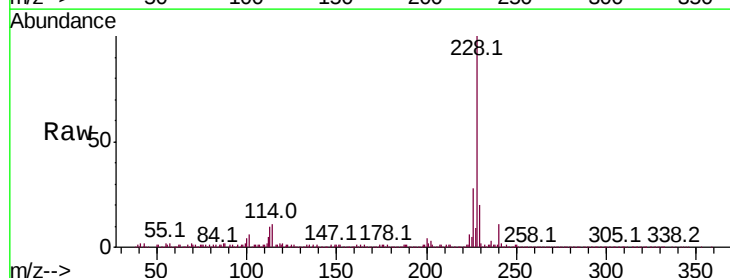
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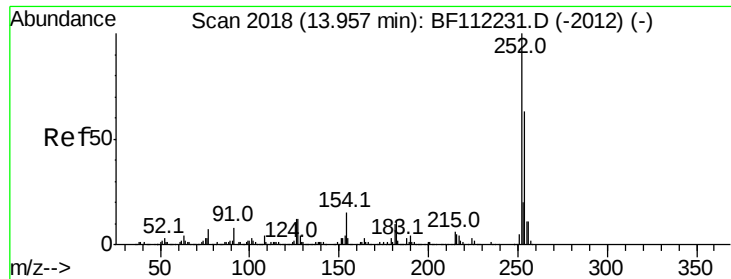
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#81
Benzo(a)anthracene
Concen: 26.459 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF112294.D
Acq: 29 Jan 2019 14:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.6	34.0
229	20.2	16.5	24.7





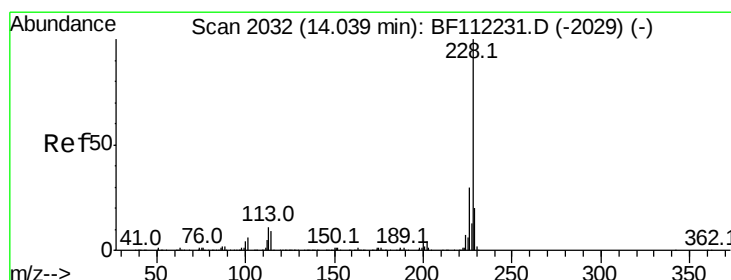
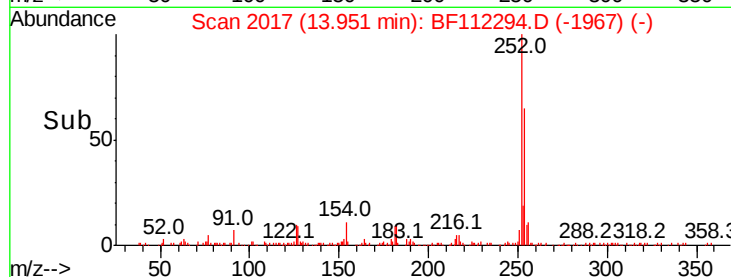
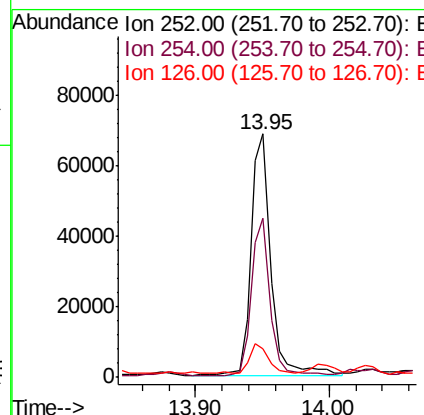
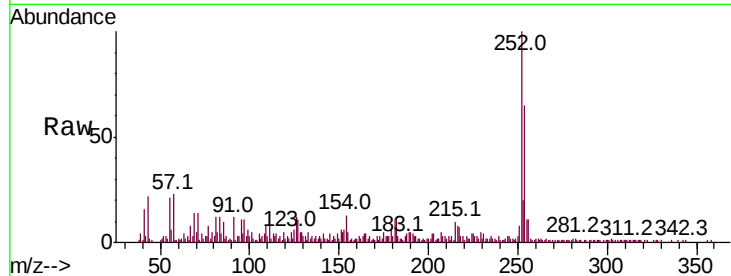
#82
 3,3'-Dichlorobenzidine
 Concen: 8.702 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. -0.01 min
 Lab File: BF112294.D
 Acq: 29 Jan 2019 14:48

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-012819MS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	69217		
254	65.4		51.6	77.4
126	11.8		8.6	12.8

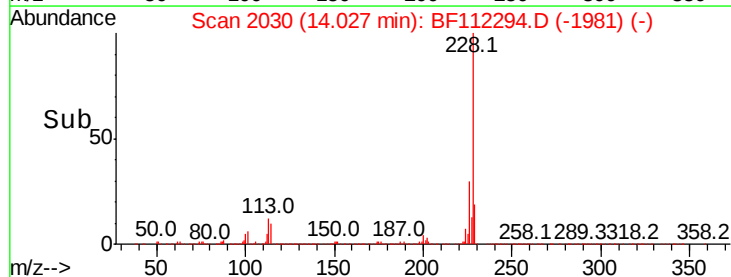
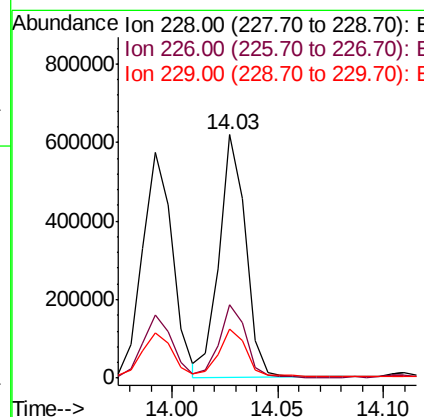
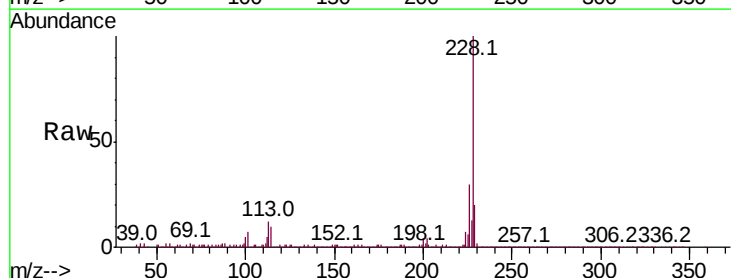
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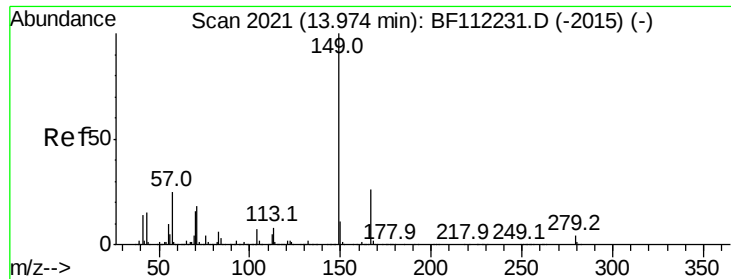
mohammad
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#83
 Chrysene
 Concen: 26.572 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF112294.D
 Acq: 29 Jan 2019 14:48

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	539110		
226	29.9		25.0	37.6
229	20.1		16.6	24.8





#84

Bis(2-ethylhexyl)phthalate

Concen: 18.311 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF112294.D

Acq: 29 Jan 2019 14:48

Instrument :

BNA_F

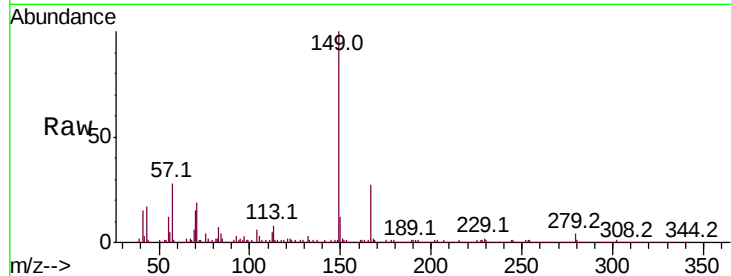
ClientSampleID :

HD-01-012819MS

Tot Ion:	149	Resp:	314794
Ion Ratio	Lower	Upper	
149	100		
167	26.5	22.5	33.7
279	4.1	3.8	5.6

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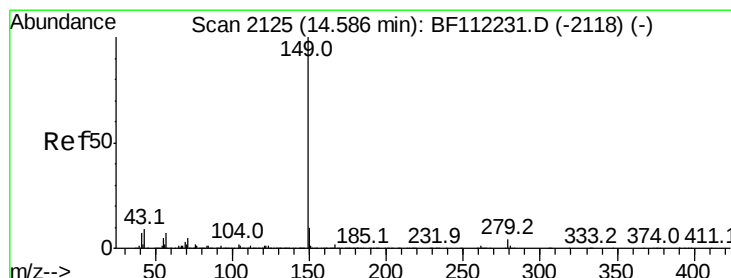
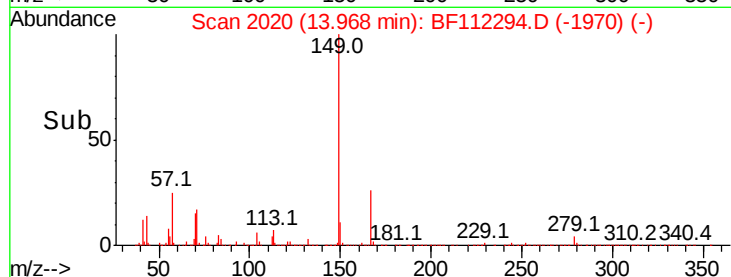
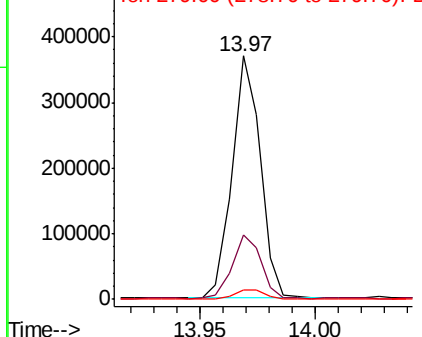
mohammad
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 21.371 ng

RT: 14.58 min Scan# 2124

Delta R.T. -0.01 min

Lab File: BF112294.D

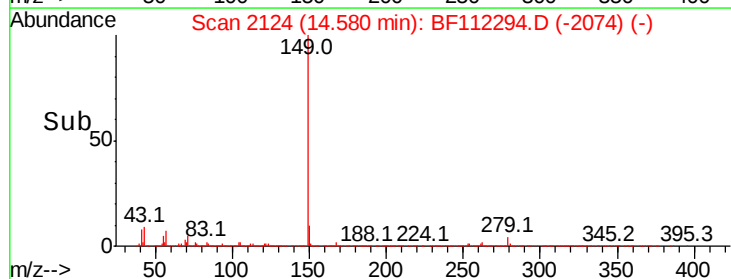
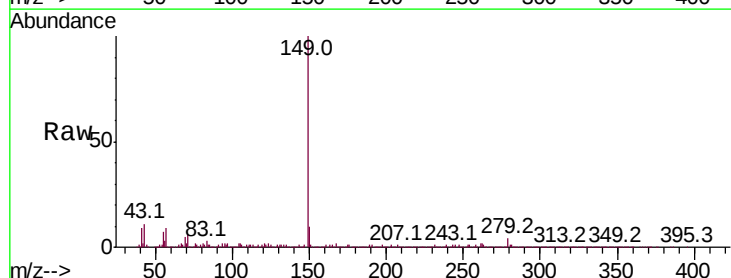
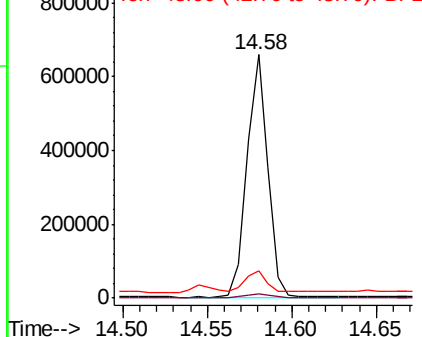
Acq: 29 Jan 2019 14:48

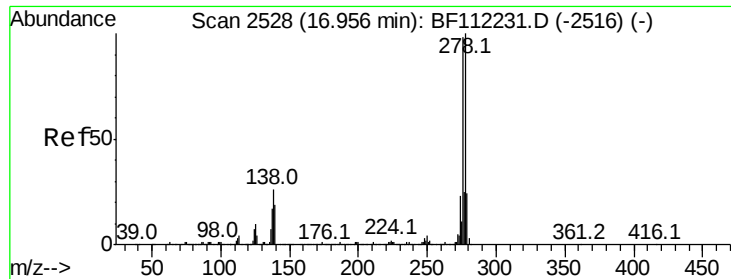
Tgt Ion:	149	Resp:	565271
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.3	1.9
43	9.7	7.8	11.6

Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1





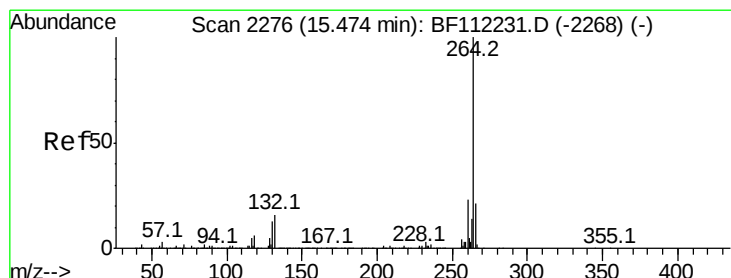
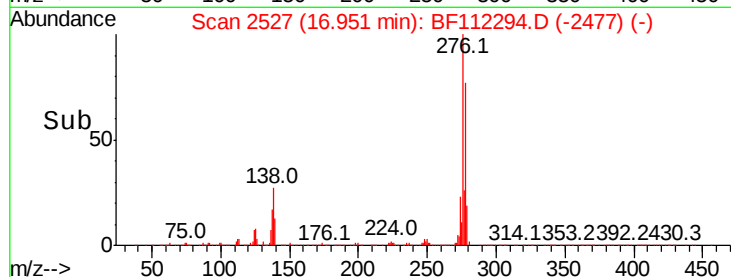
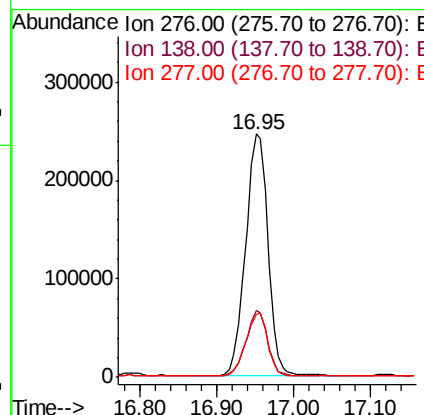
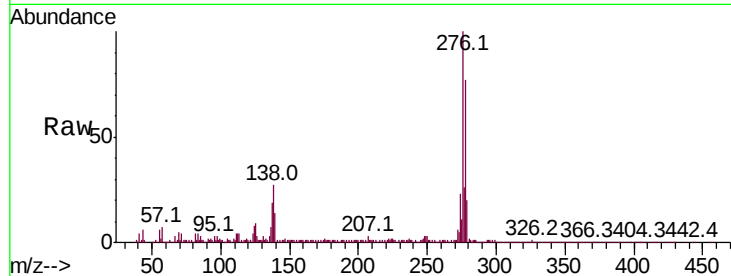
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 31.362 ng
 RT: 16.95 min Scan# 2527
 Delta R.T. -0.01 min
 Lab File: BF112294.D
 Acq: 29 Jan 2019 14:48

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-012819MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.8	22.6	34.0
277	25.3	20.3	30.5

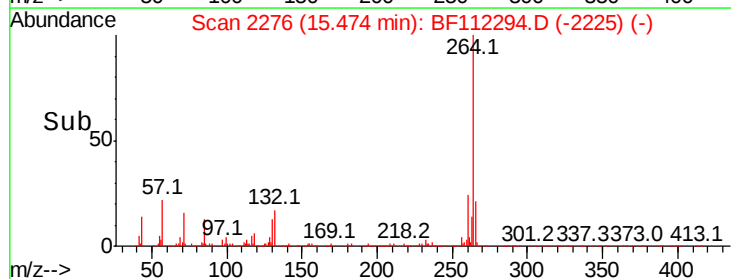
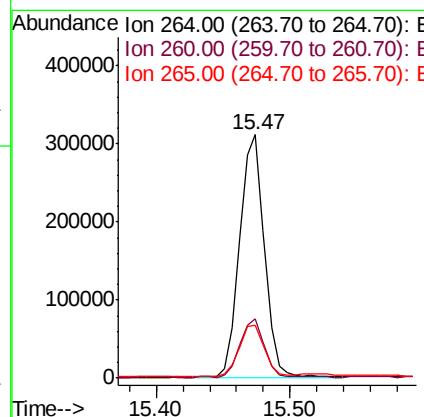
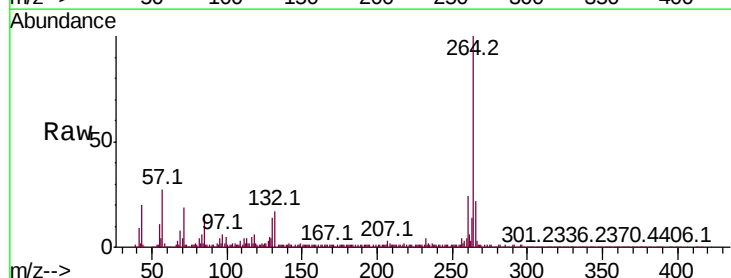
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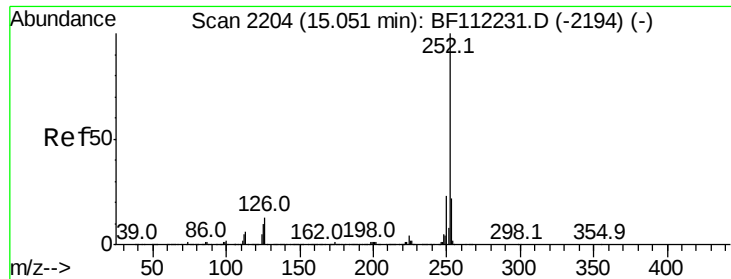
mohammad
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#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2276
 Delta R.T. 0.00 min
 Lab File: BF112294.D
 Acq: 29 Jan 2019 14:48

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.2	27.2
265	21.8	17.0	25.4





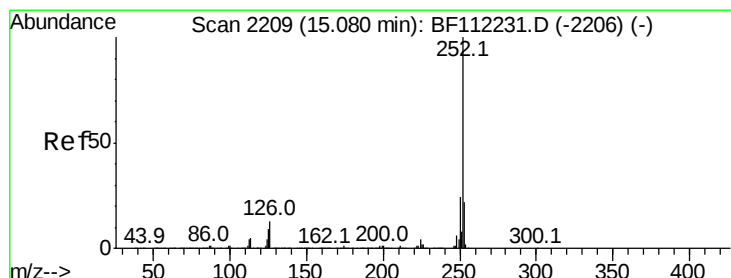
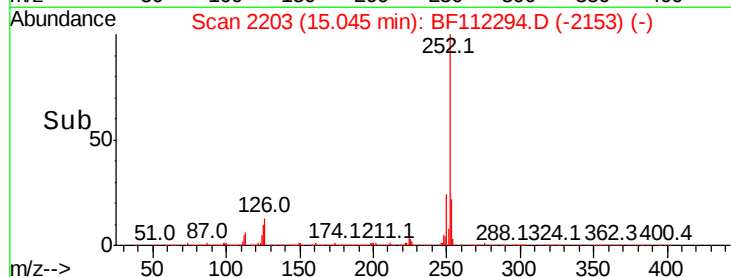
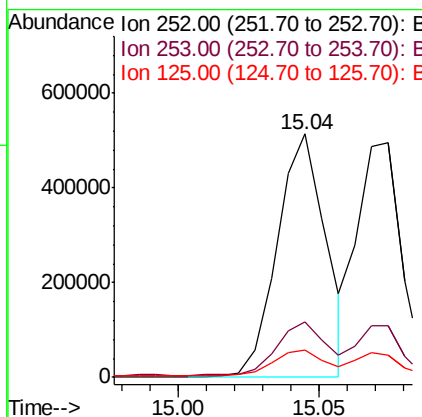
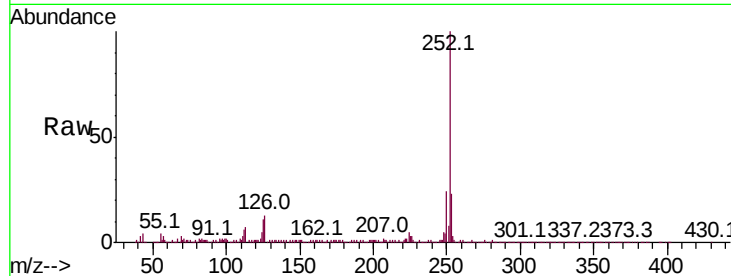
#88
Benzo(b)fluoranthene
Concen: 25.415 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF112294.D
Acq: 29 Jan 2019 14:48

Instrument :
BNA_F
ClientSampleId :
HD-01-012819MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.0	27.0
125	11.0	8.7	13.1

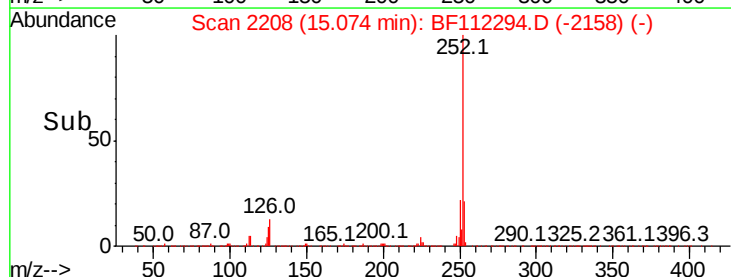
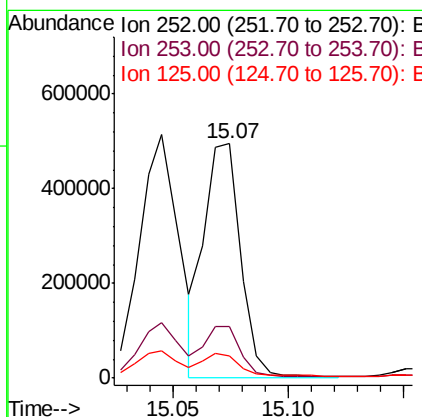
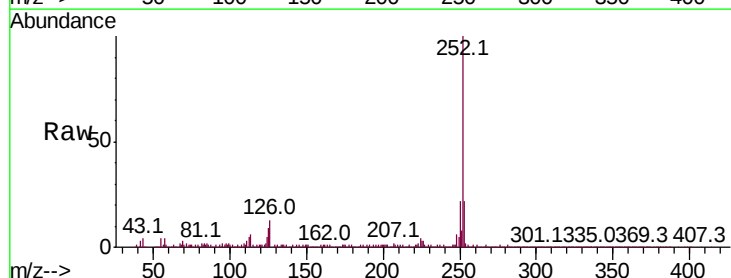
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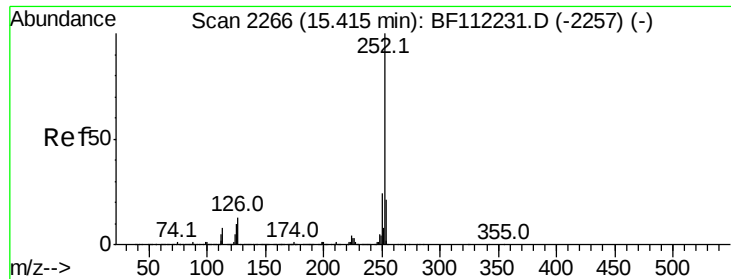
mohammad
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#89
Benzo(k)fluoranthene
Concen: 23.658 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF112294.D
Acq: 29 Jan 2019 14:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.0	27.0
125	9.3	9.1	13.7





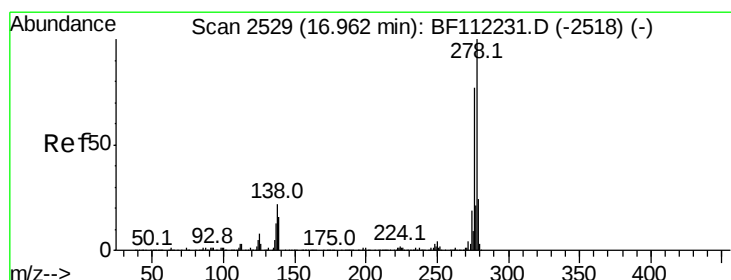
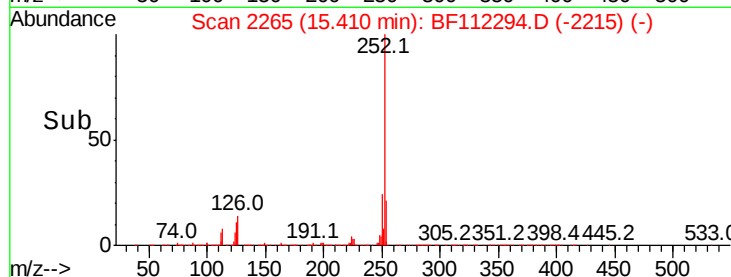
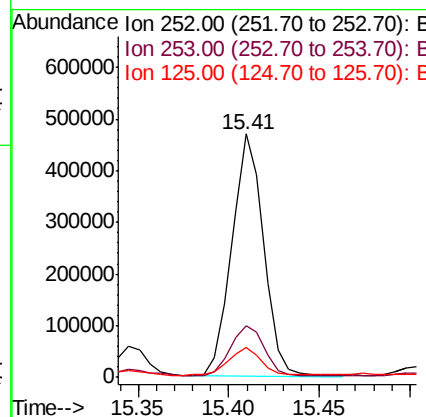
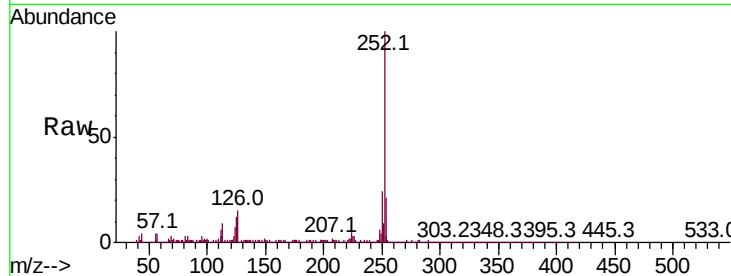
#90
Benzo(a)pyrene
Concen: 26.667 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF112294.D
Acq: 29 Jan 2019 14:48

Instrument :
BNA_F
ClientSampleId :
HD-01-012819MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.5	26.3
125	12.2	9.0	13.4

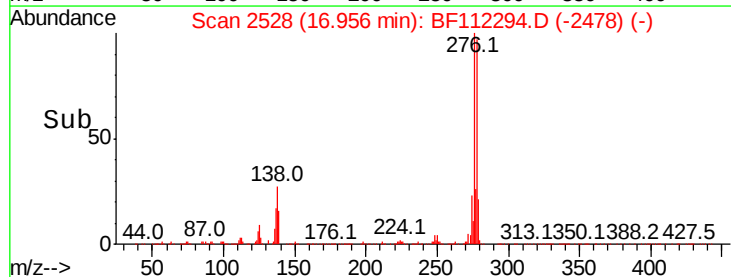
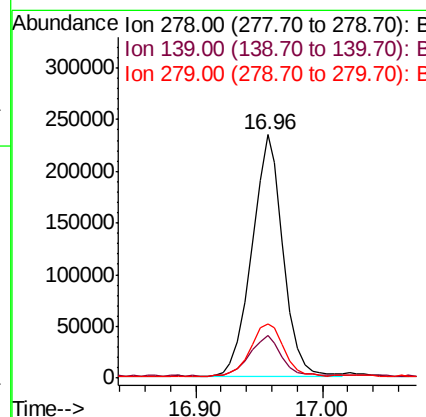
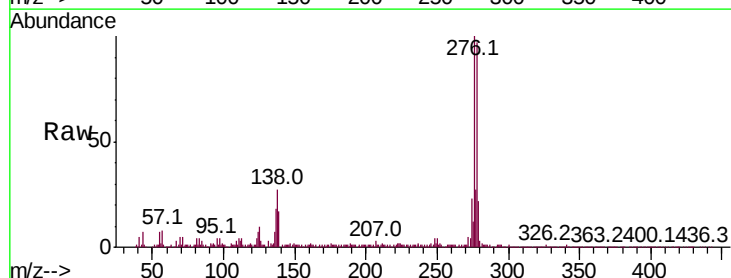
Manual Integrations
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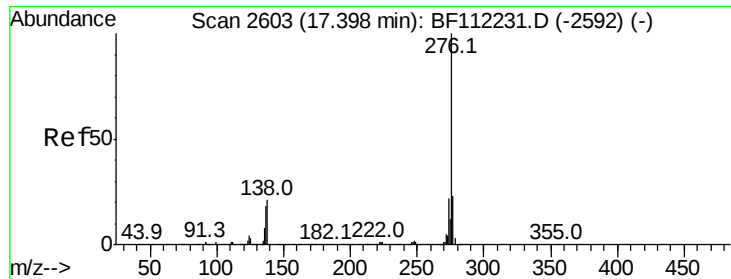
mohammad
1/30/2019 11:08:26 AM



#91
Dibenzo(a,h)anthracene
Concen: 23.037 ng
RT: 16.96 min Scan# 2528
Delta R.T. -0.01 min
Lab File: BF112294.D
Acq: 29 Jan 2019 14:48

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.6	13.7	20.5
279	22.4	19.0	28.6





#92
 Benzo(a,h,i)perylene
 Concen: 24.151 ng
 RT: 17.40 min Scan# 2603
 Delta R.T. 0.00 min
 Lab File: BF112294.D
 Acq: 29 Jan 2019 14:48

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-012819MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.4	29.0
138	21.9	19.1	28.7

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