

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101219\
 Data File : BF117378.D
 Acq On : 12 Oct 2019 19:43
 Operator : JU
 Sample : K5145-03MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-100919MS

Manual Integrations
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mohammad
 10/16/2019 8:05:53 AM

Quant Time: Oct 14 02:35:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 09 01:26:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	44748	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	186390	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	99460	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	169021	20.00	ng	0.00
76) Chrysene-d12	13.97	240	137959	20.00	ng	0.00
87) Perylene-d12	15.42	264	128412	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.43	112	349814	122.05	ng	0.00
7) Phenol-d6	6.45	99	462091	124.75	ng	0.00
23) Nitrobenzene-d5	7.36	82	292687	82.51	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	104542	125.76	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	537939	84.57	ng	-0.01
79) Terphenyl-d14	12.90	244	603598	81.78	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.66	88	44496	37.100	ng	# 86
3) Pyridine	3.41	79	96732m	29.467	ng	
4) n-Nitrosodimethylamine	3.29	42	47188	41.887	ng	93
6) Aniline	6.47	93	25866	5.424	ng	# 1
8) 2-Chlorophenol	6.59	128	128329	41.503	ng	99
9) Benzaldehyde	6.35	77	63753	32.731	ng	98
10) Phenol	6.46	94	153863	37.679	ng	92
11) bis(2-Chloroethyl)ether	6.53	93	120420	40.124	ng	99
12) 1,3-Dichlorobenzene	6.73	146	130436	37.593	ng	99
13) 1,4-Dichlorobenzene	6.81	146	135660	38.313	ng	99
14) 1,2-Dichlorobenzene	6.96	146	126876	38.486	ng	98
15) Benzyl Alcohol	6.95	79	119566	42.093	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.07	45	118906	40.102	ng	# 42
17) 2-Methylphenol	7.06	107	104887	40.475	ng	# 83
18) Hexachloroethane	7.30	117	50393	36.995	ng	92
19) n-Nitroso-di-n-propylamine	7.21	70	96036	42.578	ng	95
20) 3+4-Methylphenols	7.22	107	139345	43.169	ng	# 56
22) Acetophenone	7.20	105	191085	40.351	ng	# 94
24) Nitrobenzene	7.38	77	145143	41.431	ng	96
25) Isophorone	7.62	82	263792	41.998	ng	98
26) 2-Nitrophenol	7.70	139	66887	44.450	ng	98
27) 2,4-Dimethylphenol	7.74	122	111379	46.676	ng	97
28) bis(2-Chloroethoxy)methane	7.82	93	158431	40.940	ng	100
29) 2,4-Dichlorophenol	7.95	162	103949	41.574	ng	98
30) 1,2,4-Trichlorobenzene	8.02	180	104091	38.534	ng	99
31) Naphthalene	8.10	128	379393	42.323	ng	99
32) Benzoic acid	7.89	122	43715	27.523	ng	93
33) 4-Chloroaniline	8.16	127	13594	3.419	ng	# 96
34) Hexachlorobutadiene	8.22	225	57547	37.549	ng	96
35) Caprolactam	8.53	113	33702m	39.823	ng	
36) 4-Chloro-3-methylphenol	8.65	107	127390	43.695	ng	99
37) 2-Methylnaphthalene	8.79	142	261137	43.260	ng	97
38) 1-Methylnaphthalene	8.89	142	239844	42.423	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	99400	38.702	ng	99

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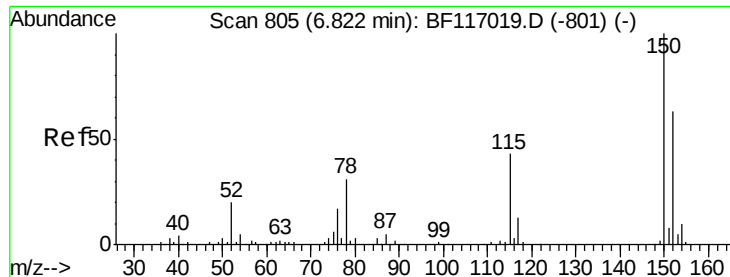
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	52755	49.758	nq	99
43) 2,4,6-Trichlorophenol	9.08	196	71868	41.234	nq	97
44) 2,4,5-Trichlorophenol	9.13	196	74257	39.876	nq	97
46) 1,1'-Biphenyl	9.25	154	308677	39.566	nq	99
47) 2-Chloronaphthalene	9.28	162	240810	39.111	nq	98
48) 2-Nitroaniline	9.38	65	78464	39.730	nq	90
49) Acenaphthylene	9.69	152	383080	41.532	nq	100
50) Dimethylphthalate	9.55	163	283394	40.242	nq	99
51) 2,6-Dinitrotoluene	9.62	165	63141	44.023	nq #	89
52) Acenaphthene	9.87	154	224441	41.048	nq	99
53) 3-Nitroaniline	9.80	138	22138	12.233	nq	94
54) 2,4-Dinitrophenol	9.92	184	49038	79.275	nq	95
55) Dibenzofuran	10.04	168	340182	42.168	nq	98
56) 4-Nitrophenol	9.98	139	78774	67.165	nq	93
57) 2,4-Dinitrotoluene	10.03	165	86078	46.234	nq #	80
58) Fluorene	10.38	166	279589	43.024	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	59544	41.785	nq	98
60) Diethylphthalate	10.25	149	294406	42.493	nq	98
61) 4-Chlorophenyl-phenylether	10.37	204	121710	43.288	nq	100
62) 4-Nitroaniline	10.42	138	65680	34.900	nq	98
63) Azobenzene	10.53	77	302460	42.744	nq	96
65) 4,6-Dinitro-2-methylphenol	10.45	198	37740	48.860	nq	90
66) n-Nitrosodiphenylamine	10.49	169	246824	42.284	nq	99
67) 4-Bromophenyl-phenylether	10.86	248	68200	39.511	nq	93
68) Hexachlorobenzene	10.94	284	72520	38.412	nq	96
69) Atrazine	11.02	200	68148	47.675	nq	99
70) Pentachlorophenol	11.14	266	70602	79.779	nq	98
71) Phenanthrene	11.35	178	401376	41.809	nq	99
72) Anthracene	11.40	178	422307	43.087	nq	99
73) Carbazole	11.56	167	403365	43.357	nq	98
74) Di-n-butylphthalate	11.87	149	505022	45.625	nq	99
75) Fluoranthene	12.54	202	429525	43.543	nq	97
77) Benzidine	12.66	184	14196m	3.194	nq	
78) Pyrene	12.77	202	444414	38.392	nq	98
80) Butylbenzylphthalate	13.37	149	222115	40.608	nq	97
81) Benzo(a)anthracene	13.96	228	369260	40.062	nq	99
82) 3,3'-Dichlorobenzidine	13.91	252	28433	9.573	nq	88
83) Chrysene	13.99	228	364838	40.584	nq	98
84) Bis(2-ethylhexyl)phthalate	13.93	149	318273	45.129	nq	98
85) Di-n-octyl phthalate	14.54	149	544310	49.037	nq	100
86) Indeno(1,2,3-cd)pyrene	16.89	276	295960	45.126	nq	98
88) Benzo(b)fluoranthene	15.00	252	339789	43.684	nq	99
89) Benzo(k)fluoranthene	15.03	252	301890	40.972	nq	99
90) Benzo(a)pyrene	15.36	252	296032	43.370	nq	98
91) Dibenzo(a,h)anthracene	16.88	278	253115	46.550	nq	99
92) Benzo(g,h,i)perylene	17.31	276	238445	44.006	nq	99

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



#1

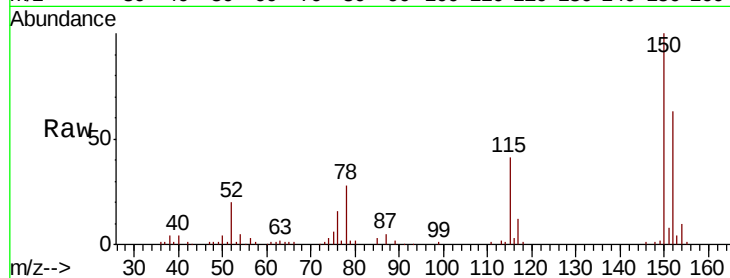
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF117378.D
Acq: 12 Oct 2019 19:43

Instrument :
BNA_F
ClientSampleId :
HD-01-100919MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	127.5	191.3
115	64.7	55.0	82.4

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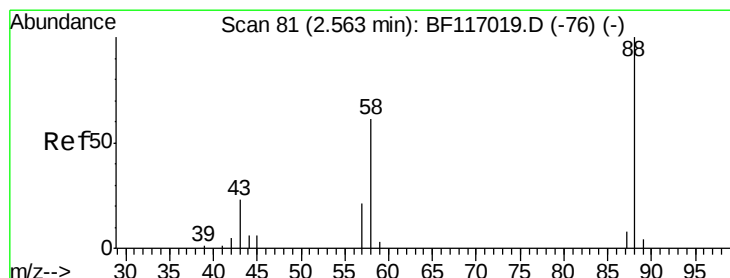
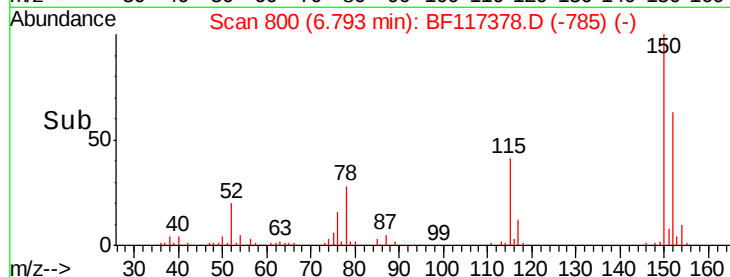
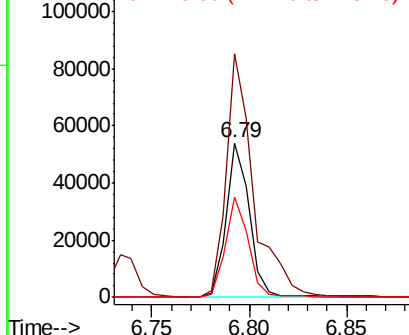


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

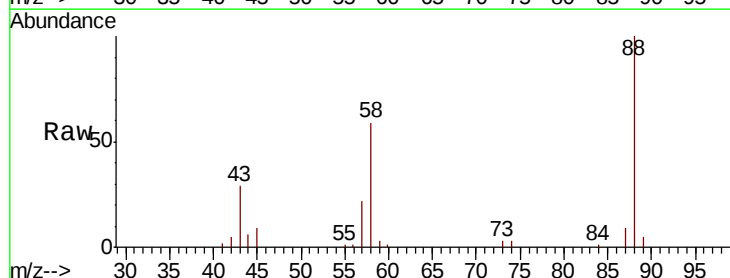
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 37.100 ng
RT: 2.66 min Scan# 98
Delta R.T. 0.14 min
Lab File: BF117378.D
Acq: 12 Oct 2019 19:43

Tgt Ion	Ratio	Lower	Upper
88	100		
58	62.3	49.3	73.9
43	0.0	18.8	28.2

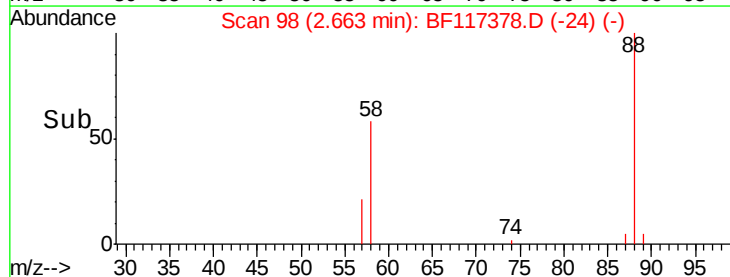
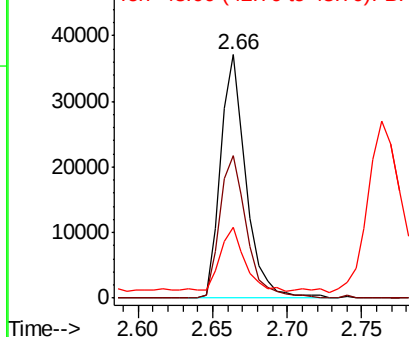


Abundance

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





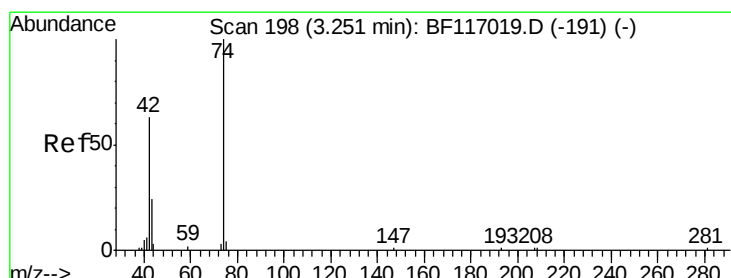
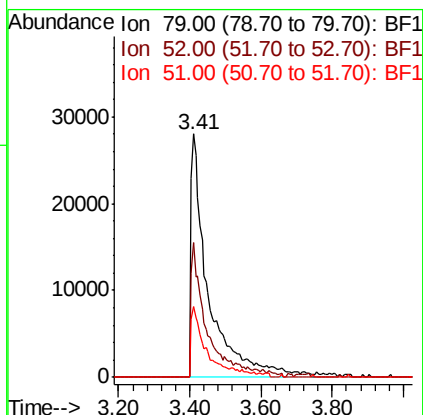
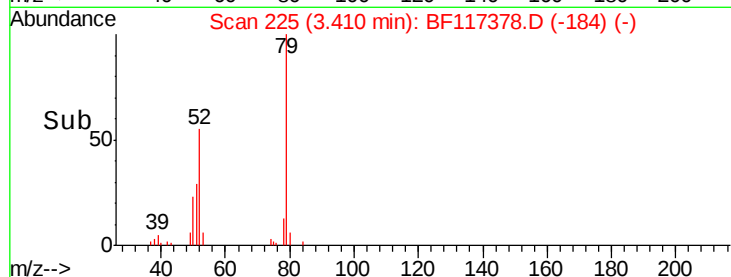
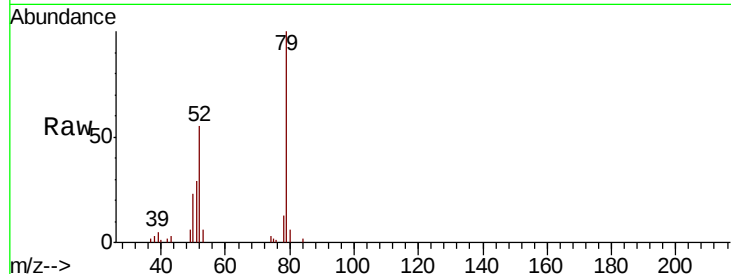
#3
 Pvridine
 Concen: 29.467 ng m
 RT: 3.41 min Scan# 225
 Delta R.T. 0.14 min
 Lab File: BF117378.D
 Acq: 12 Oct 2019 19:43

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-100919MS

Tot Ion	Ratio	Lower	Upper
79	100		
52	55.5	43.5	65.3
51	29.0	21.8	32.6

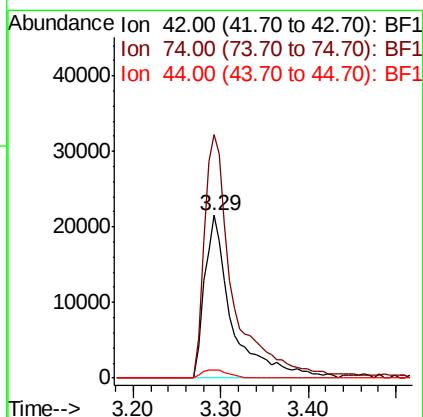
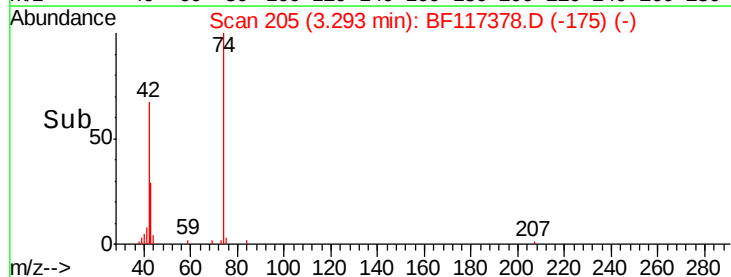
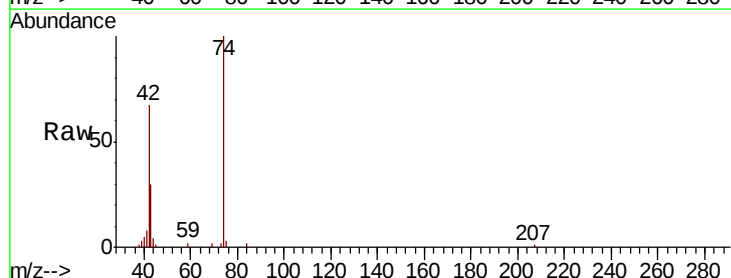
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#4
 n-Nitrosodimethylamine
 Concen: 41.887 ng
 RT: 3.29 min Scan# 205
 Delta R.T. 0.08 min
 Lab File: BF117378.D
 Acq: 12 Oct 2019 19:43

Tgt Ion	Ratio	Lower	Upper
42	100		
74	149.8	127.1	190.7
44	5.3	4.3	6.5





#5

2-Fluorophenol

Concen: 122.049 ng

RT: 5.43 min Scan# 569

Delta R.T. 0.01 min

Lab File: BF117378.D

Acq: 12 Oct 2019 19:43

Instrument :

BNA_F

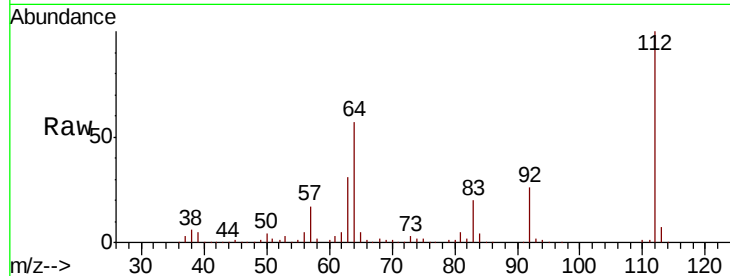
ClientSampleId :

HD-01-100919MS

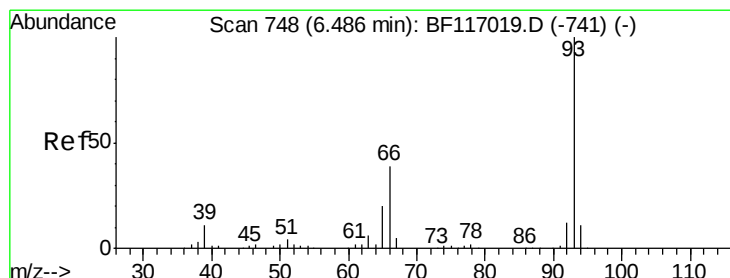
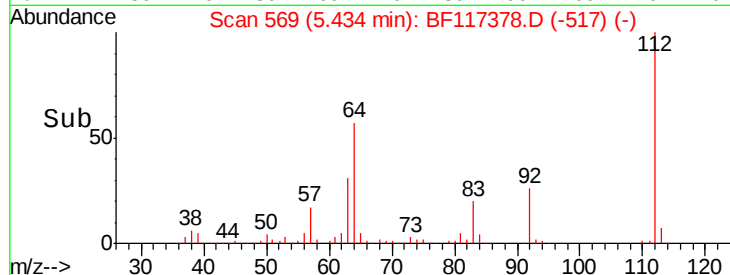
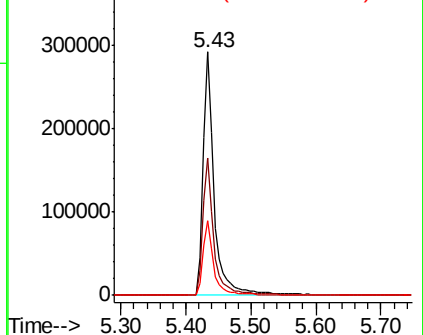
Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		349814		
64	56.6	45.7	68.5		
63	30.5	24.9	37.3		

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



#6

Aniline

Concen: 5.424 ng

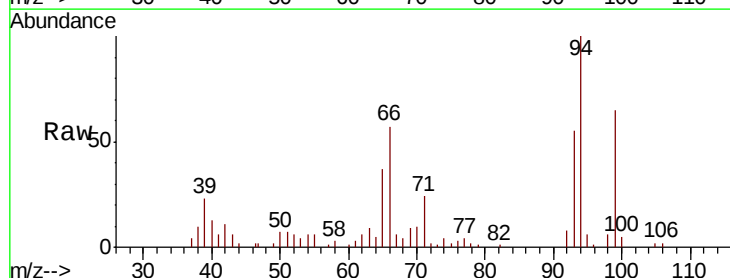
RT: 6.47 min Scan# 745

Delta R.T. 0.00 min

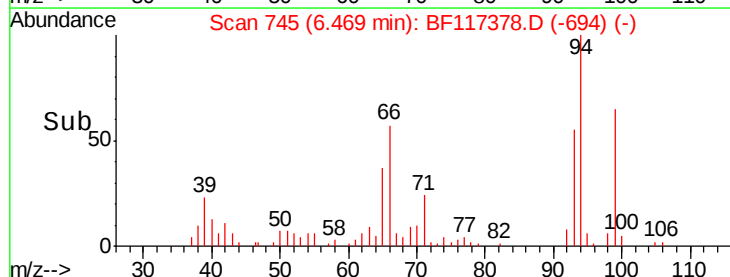
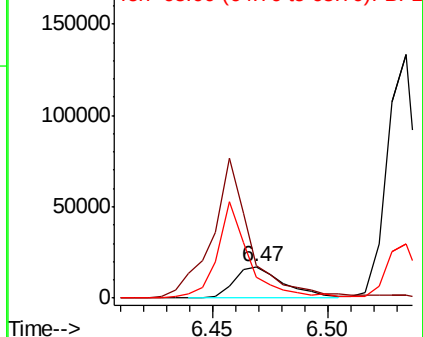
Lab File: BF117378.D

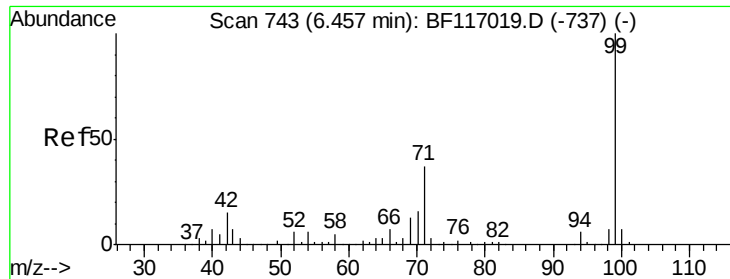
Acq: 12 Oct 2019 19:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		25866		
66	103.0	32.6	49.0#		
65	66.6	16.7	25.1#		



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





#7

Phenol-d6

Concen: 124.750 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF117378.D

Acq: 12 Oct 2019 19:43

Instrument :

BNA_F

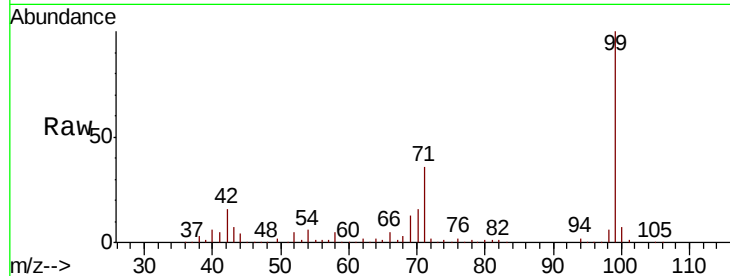
ClientSampleId :

HD-01-100919MS

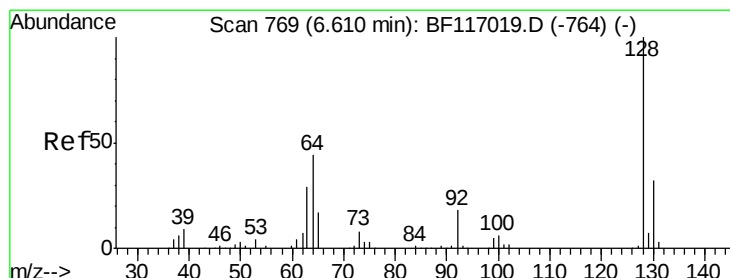
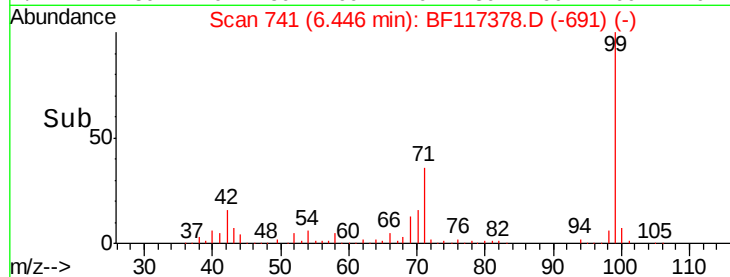
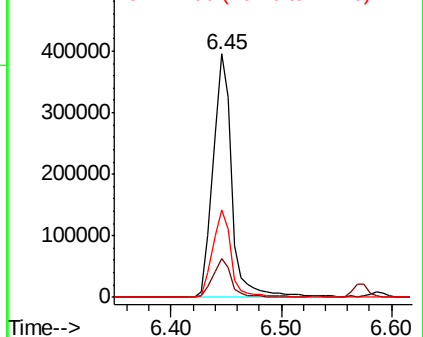
Tot Ion:	99	Resp:	462091
Ion Ratio	Lower	Upper	
99	100		
42	15.8	12.2	18.2
71	36.2	29.8	44.8

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



#8

2-Chlorophenol

Concen: 41.503 ng

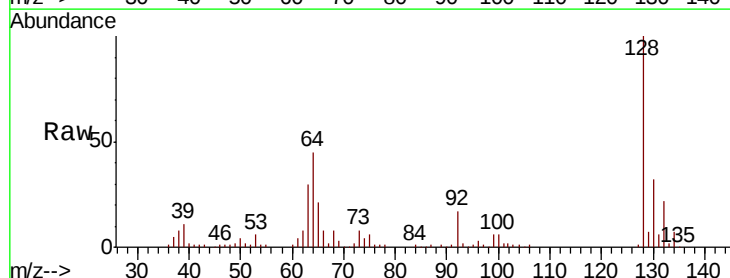
RT: 6.59 min Scan# 765

Delta R.T. -0.01 min

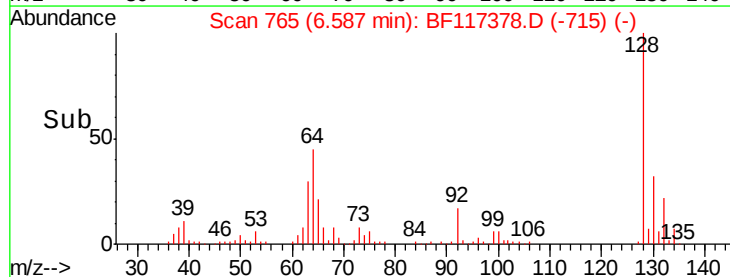
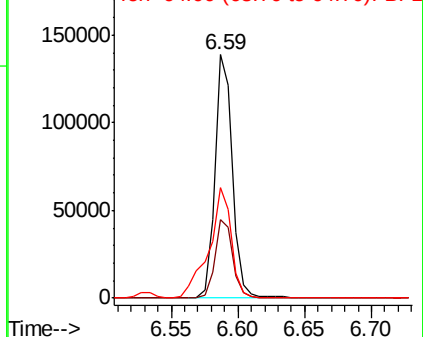
Lab File: BF117378.D

Acq: 12 Oct 2019 19:43

Tgt Ion:	128	Resp:	128329
Ion Ratio	Lower	Upper	
128	100		
130	32.2	11.8	51.8
64	45.3	25.0	65.0



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





#9

Benzaldehyde

Concen: 32.731 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF117378.D

Acq: 12 Oct 2019 19:43

Instrument :

BNA_F

ClientSampleId :

HD-01-100919MS

Tot Ion: 77 Resp: 63753

Ion Ratio Lower Upper

77 100

105 104.4 81.8 121.8

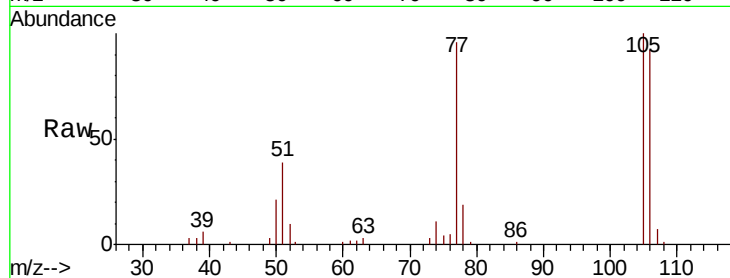
106 96.4 77.3 117.3

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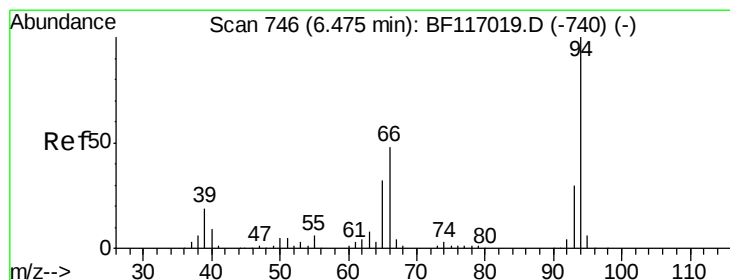
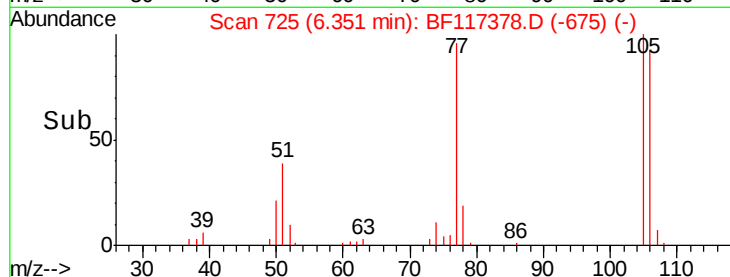
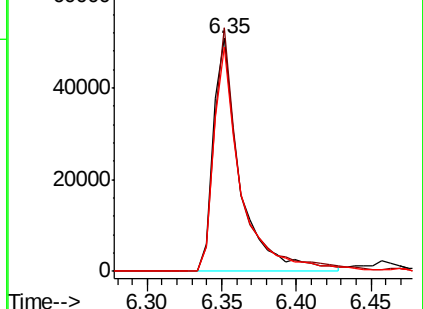
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Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 37.679 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF117378.D

Acq: 12 Oct 2019 19:43

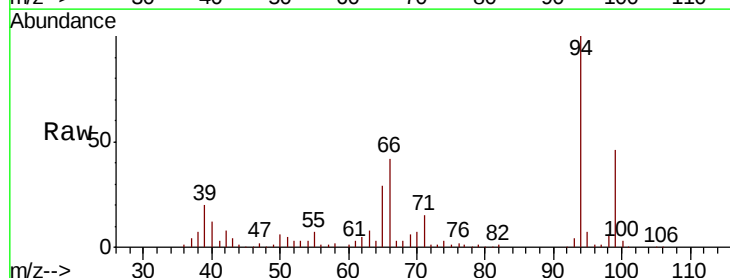
Tgt Ion: 94 Resp: 153863

Ion Ratio Lower Upper

94 100

65 29.4 12.5 52.5

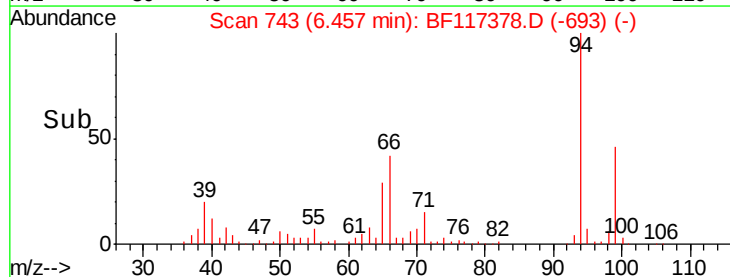
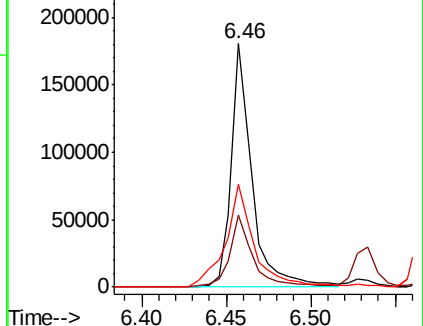
66 42.4 28.9 68.9



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





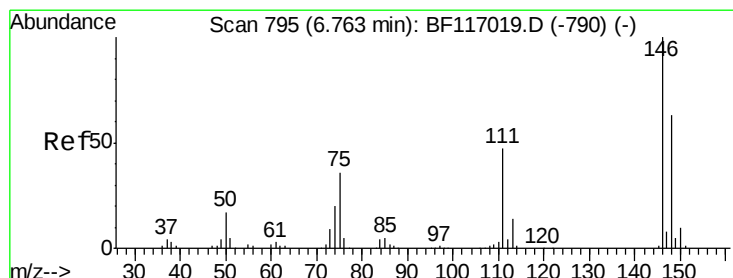
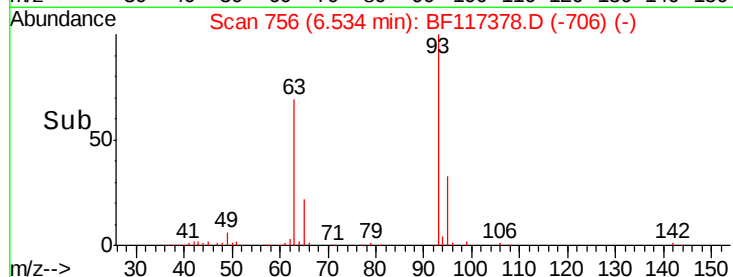
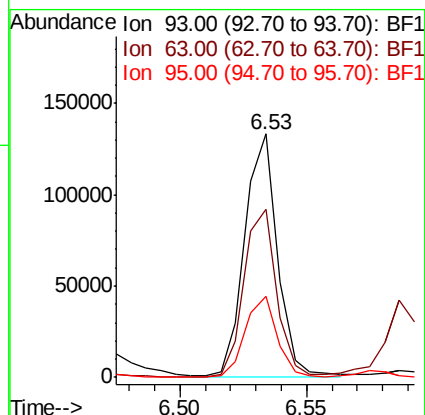
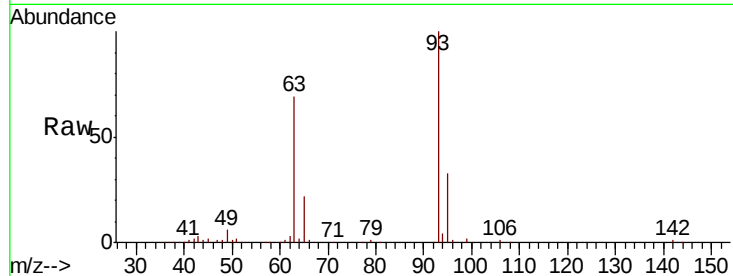
#11
bis(2-Chloroethyl)ether
Concen: 40.124 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF117378.D
Acq: 12 Oct 2019 19:43

Instrument :
BNA_F
ClientSampleId :
HD-01-100919MS

Tot Ion:	93	Resp:	120420
Ion Ratio	Lower	Upper	
93	100		
63	69.0	49.3	89.3
95	33.5	11.5	51.5

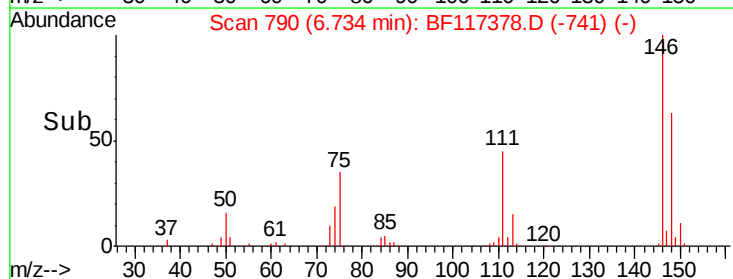
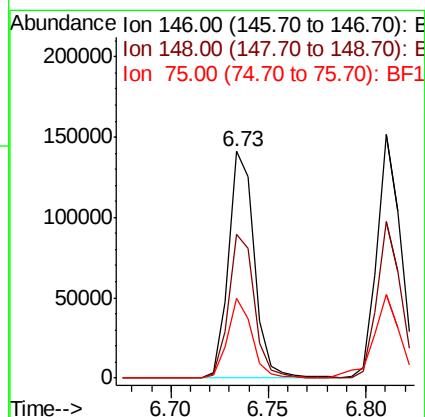
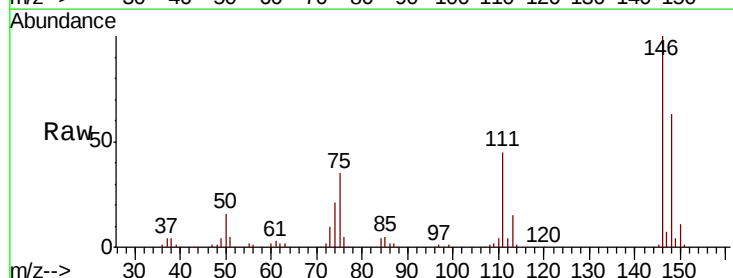
Manual Integrations
APPROVED

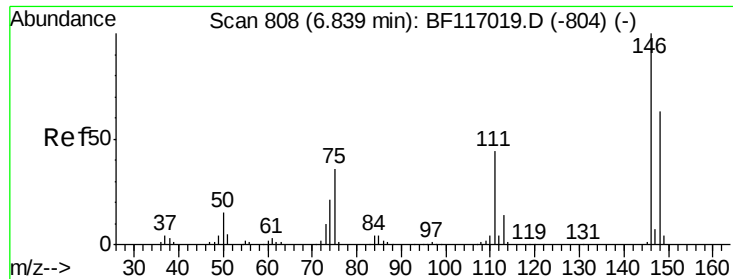
mohammad
10/16/2019 8:05:53 AM



#12
1,3-Dichlorobenzene
Concen: 37.593 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF117378.D
Acq: 12 Oct 2019 19:43

Tgt Ion:	146	Resp:	130436
Ion Ratio	Lower	Upper	
146	100		
148	63.4	50.8	76.2
75	35.1	28.7	43.1





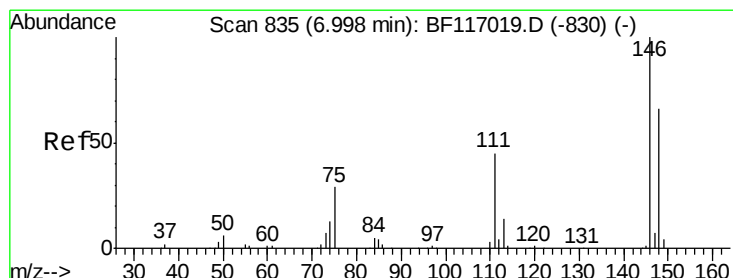
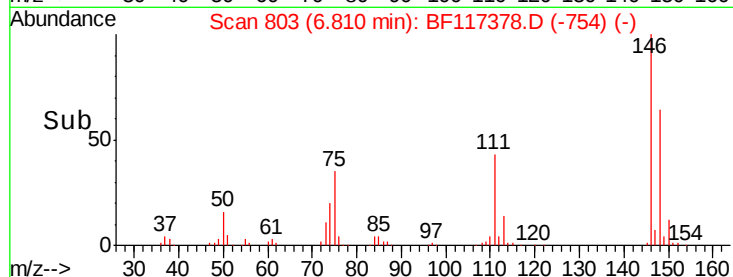
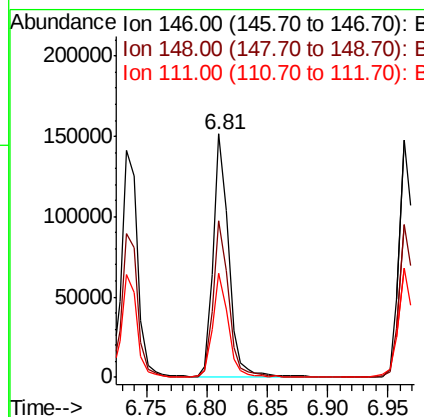
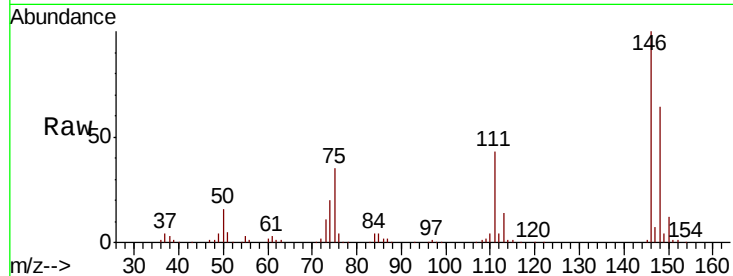
#13
1,4-Dichlorobenzene
Concen: 38.313 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF117378.D
Acq: 12 Oct 2019 19:43

Instrument :
BNA_F
ClientSampleId :
HD-01-100919MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.6	76.0
111	42.7	35.0	52.6

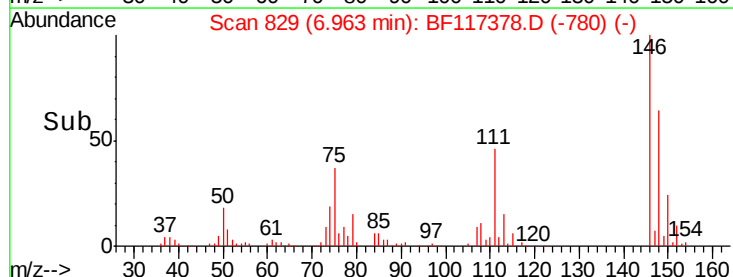
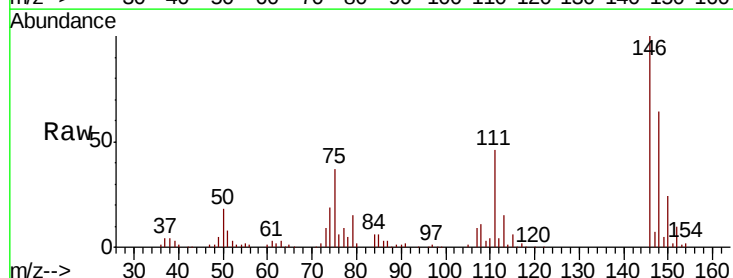
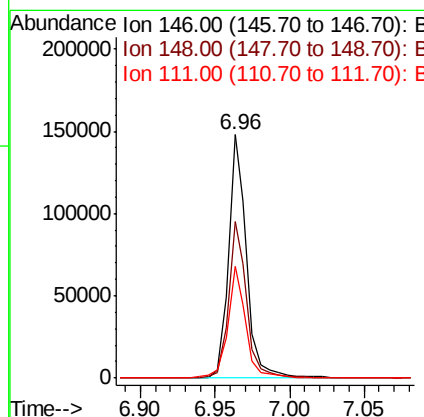
Manual Integrations
APPROVED

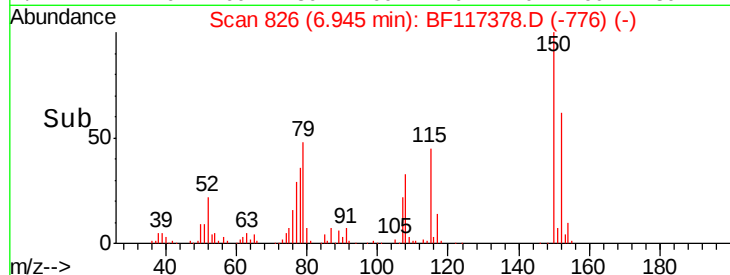
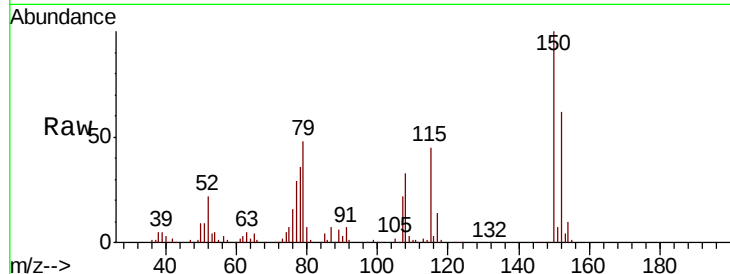
mohammad
10/16/2019 8:05:53 AM



#14
1,2-Dichlorobenzene
Concen: 38.486 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF117378.D
Acq: 12 Oct 2019 19:43

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	52.6	78.8
111	46.1	36.2	54.2





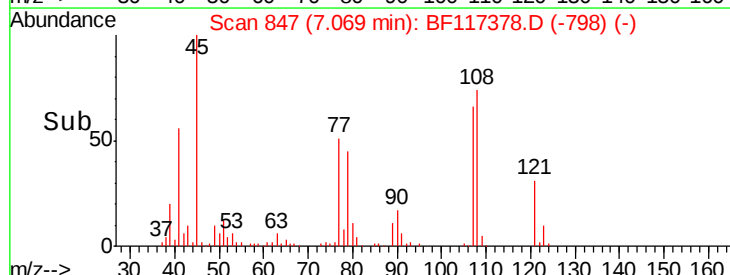
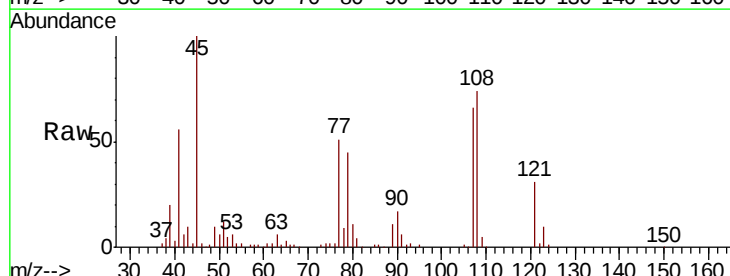
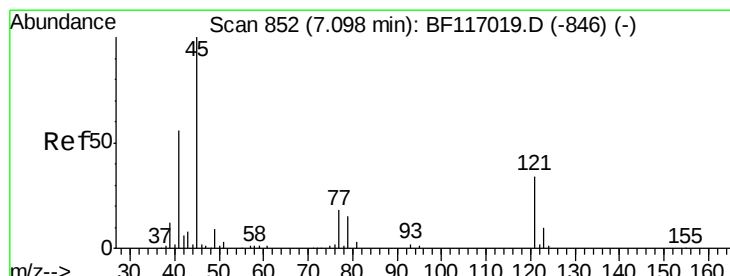
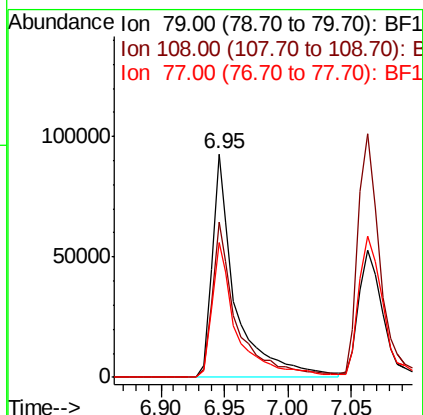
#15
Benzyl Alcohol
Concen: 42.093 ng
RT: 6.95 min Scan# 826
Delta R.T. -0.01 min
Lab File: BF117378.D
Acq: 12 Oct 2019 19:43

Tot Ion	Ratio	Lower	Upper
79	100		
108	69.3	59.4	89.0
77	60.3	50.2	75.2

Instrument :
BNA_F
ClientSampleId :
HD-01-100919MS

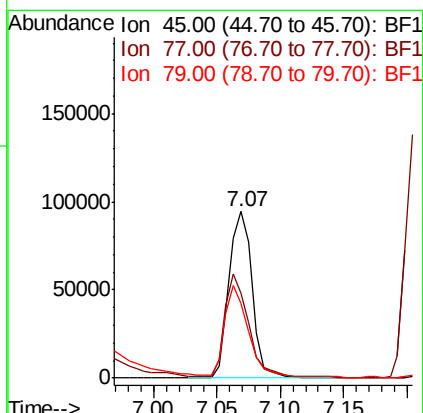
Manual Integrations
APPROVED

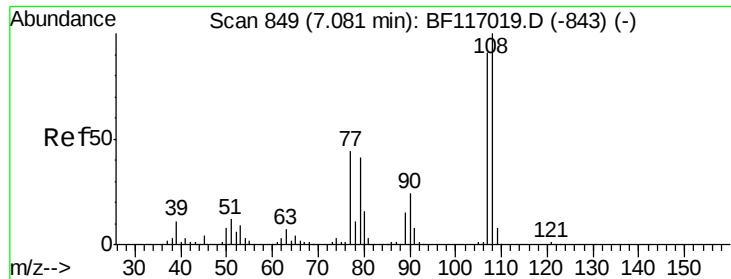
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.102 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.01 min
Lab File: BF117378.D
Acq: 12 Oct 2019 19:43

Tgt Ion	Ratio	Lower	Upper
45	100		
77	50.6	2.7	42.7#
79	45.1	0.0	38.9#





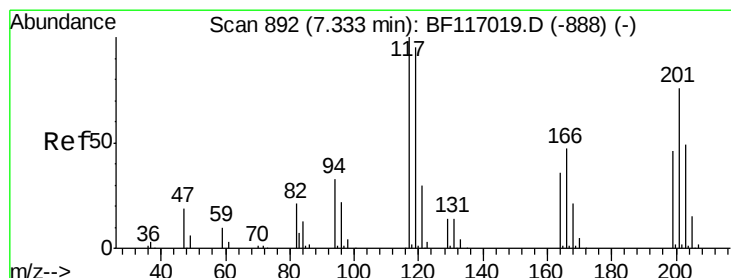
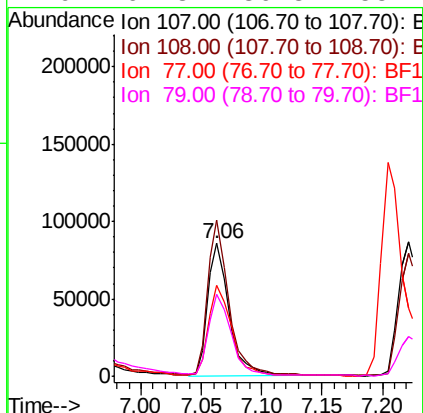
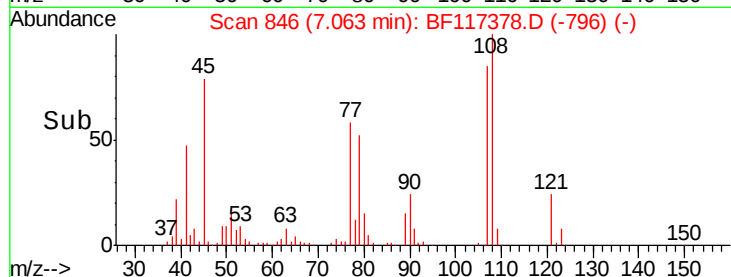
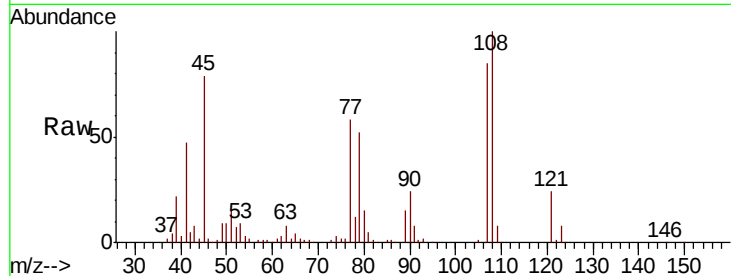
#17
2-Methylphenol
Concen: 40.475 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.01 min
Lab File: BF117378.D
Acq: 12 Oct 2019 19:43

Instrument :
BNA_F
ClientSampleId :
HD-01-100919MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	117.9	87.7	131.5	
77	68.5	38.6	58.0#	
79	61.3	36.8	55.2#	

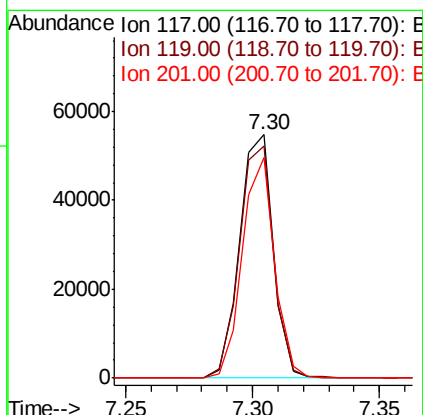
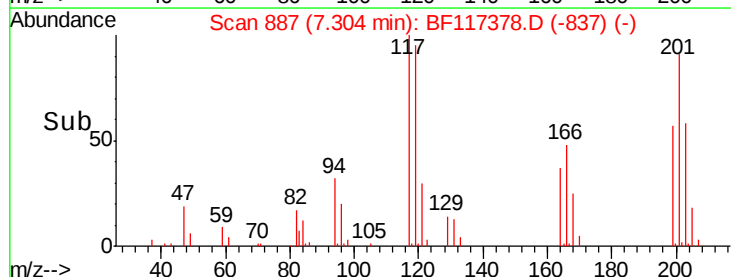
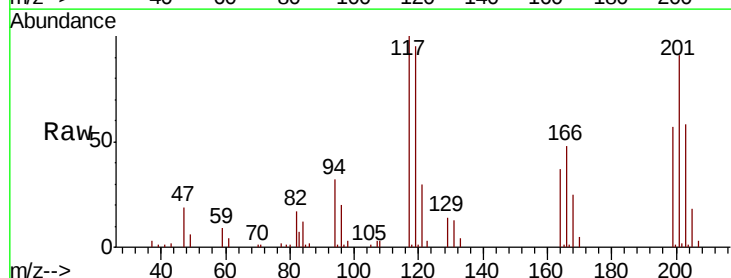
Manual Integrations
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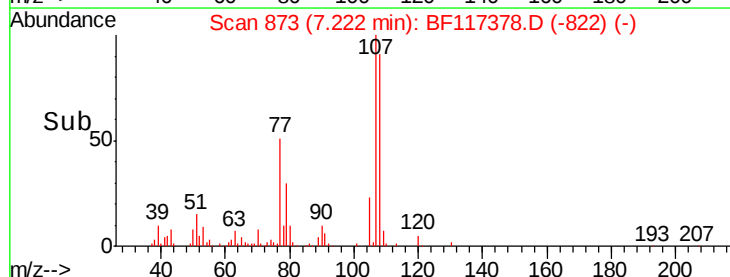
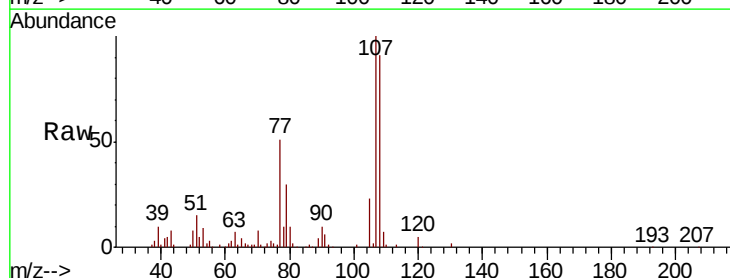
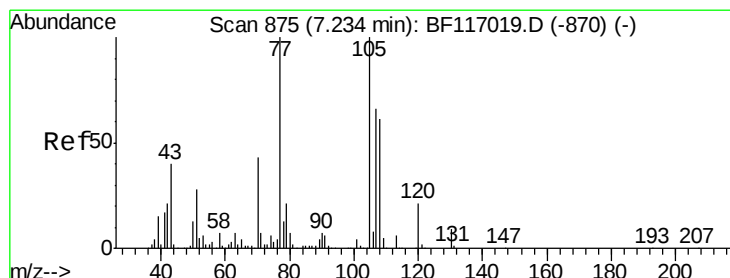
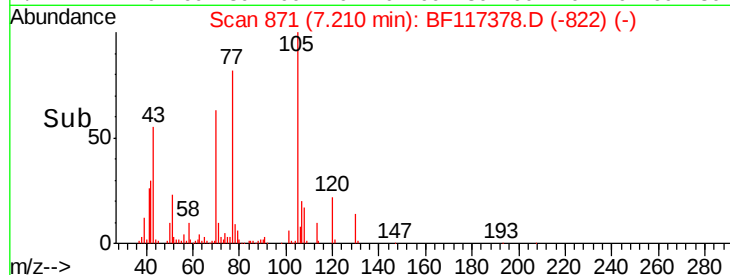
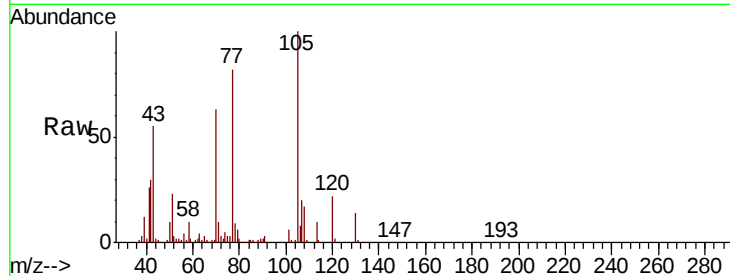
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#18
Hexachloroethane
Concen: 36.995 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF117378.D
Acq: 12 Oct 2019 19:43

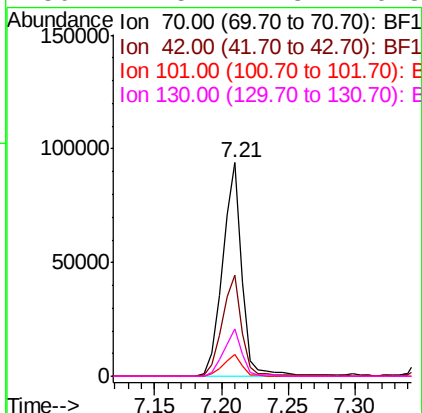
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.2	75.8	113.8	
201	90.7	60.9	91.3	





#19
n-Nitroso-di-n-propylamine
Concen: 42.578 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF117378.D
Acq: 12 Oct 2019 19:43

Tot Ion	Ratio	Lower	Upper
70	100		
42	47.6	34.0	51.0
101	10.1	7.8	11.6
130	22.5	17.8	26.8



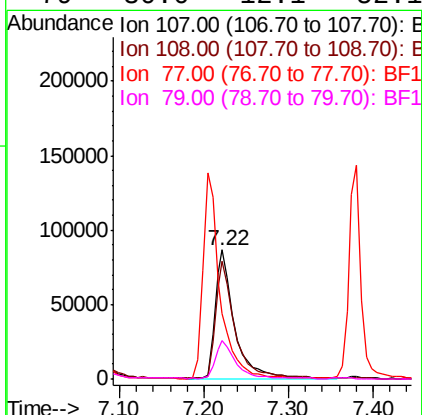
Instrument :
BNA_F
ClientSampleId :
HD-01-100919MS

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#20
3+4-Methylphenols
Concen: 43.169 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF117378.D
Acq: 12 Oct 2019 19:43

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.5	72.6	112.6
77	50.6	132.1	172.1#
79	30.0	12.1	52.1





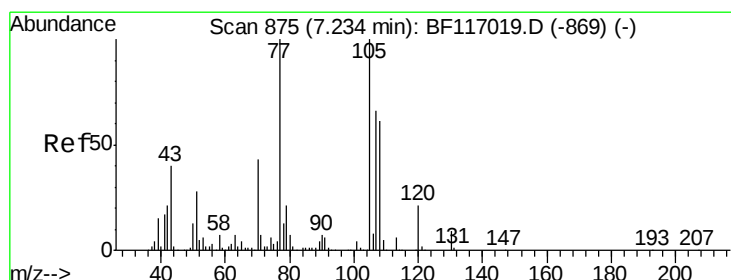
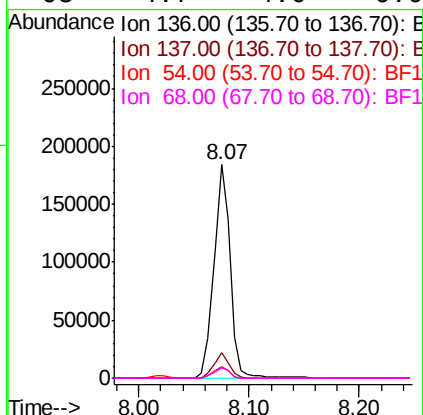
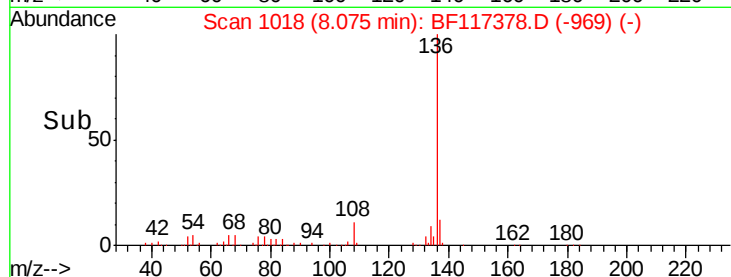
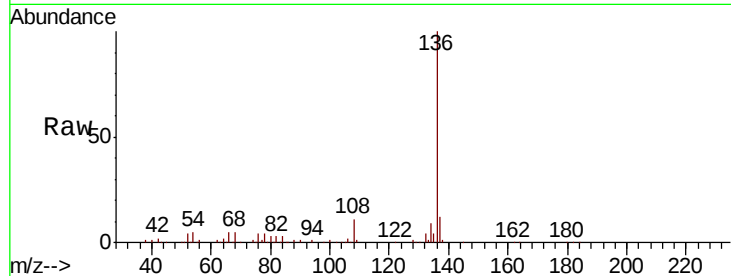
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF117378.D
Acq: 12 Oct 2019 19:43

Instrument :
BNA_F
ClientSampleId :
HD-01-100919MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		186390		
137	11.9		9.0	13.4	
54	5.3		4.5	6.7	
68	4.7		4.0	6.0	

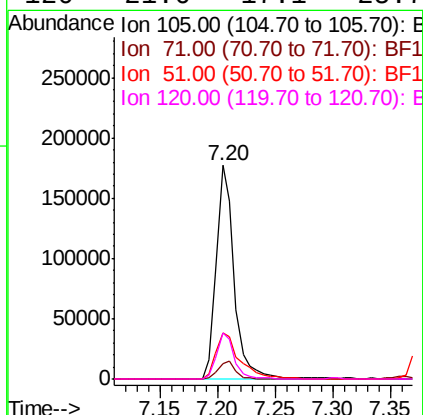
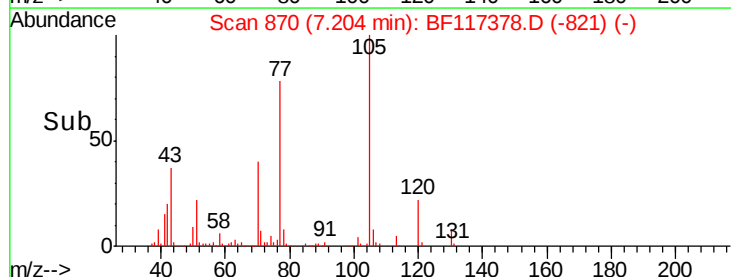
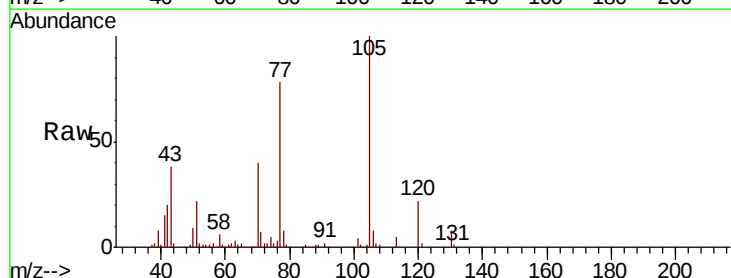
Manual Integrations
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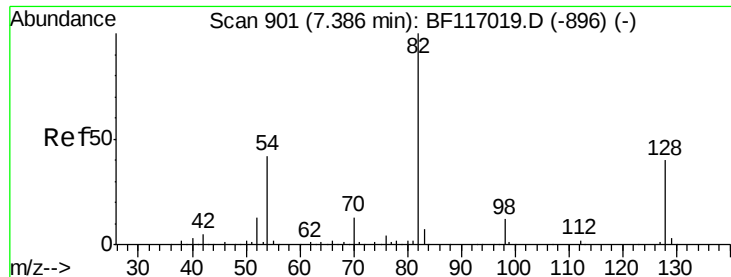
mohammad
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#22
Acetophenone
Concen: 40.351 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF117378.D
Acq: 12 Oct 2019 19:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		191085		
71	7.0		5.7	8.5	
51	21.8		22.1	33.1#	
120	21.6		17.1	25.7	





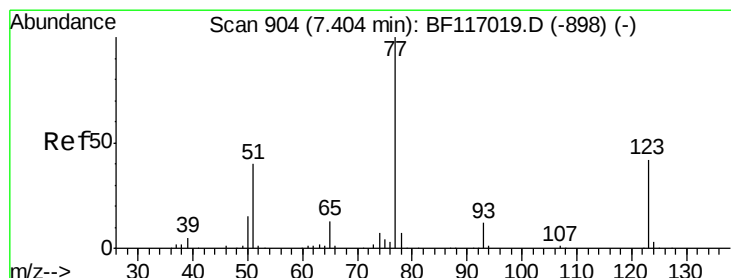
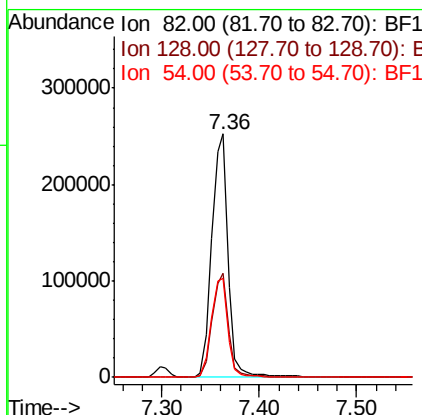
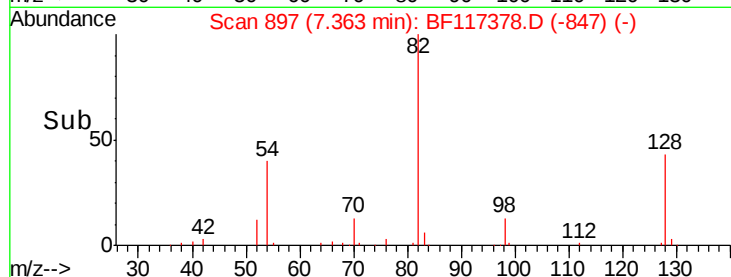
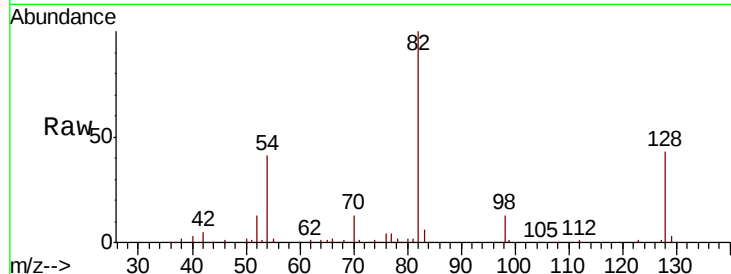
#23
Nitrobenzene-d5
Concen: 82.507 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF117378.D
Acq: 12 Oct 2019 19:43

Instrument :
BNA_F
ClientSampleId :
HD-01-100919MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.7	32.3	48.5
54	40.5	33.3	49.9

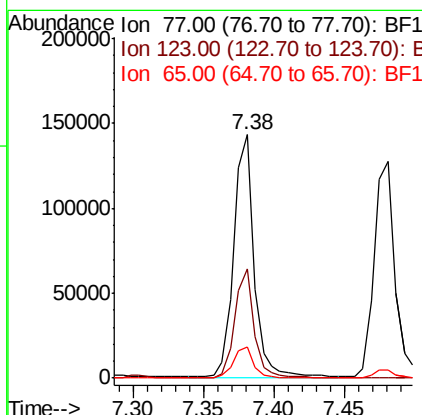
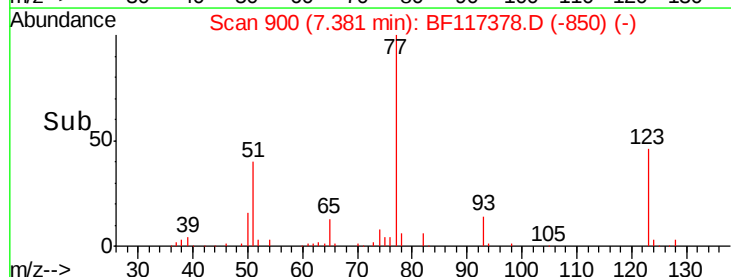
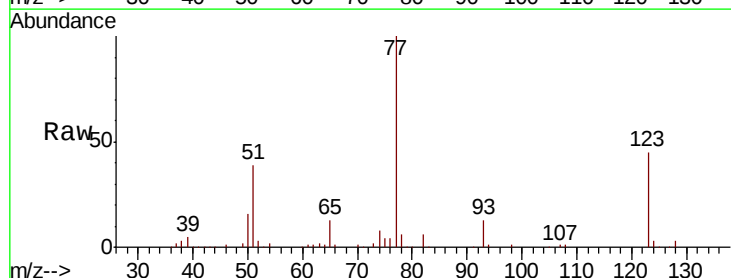
Manual Integrations
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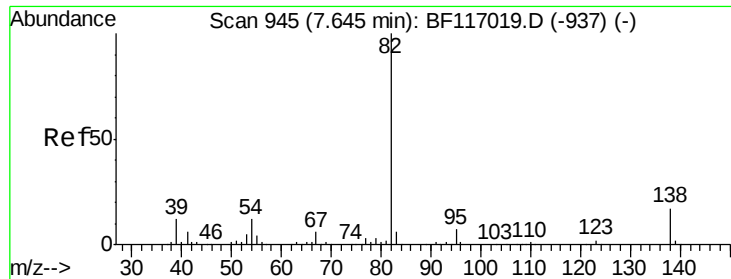
mohammad
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#24
Nitrobenzene
Concen: 41.431 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF117378.D
Acq: 12 Oct 2019 19:43

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.9	33.5	50.3
65	12.6	10.5	15.7





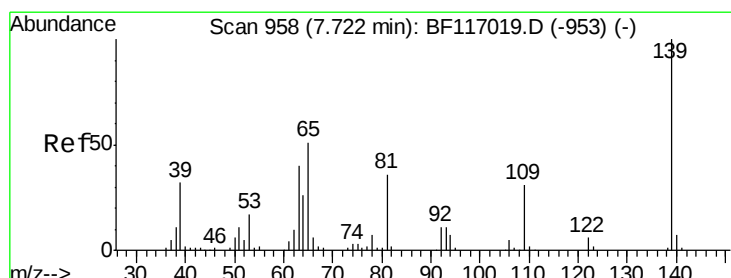
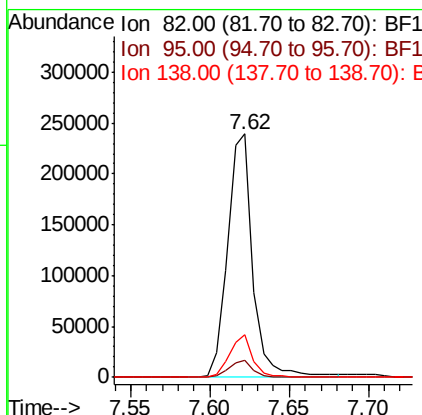
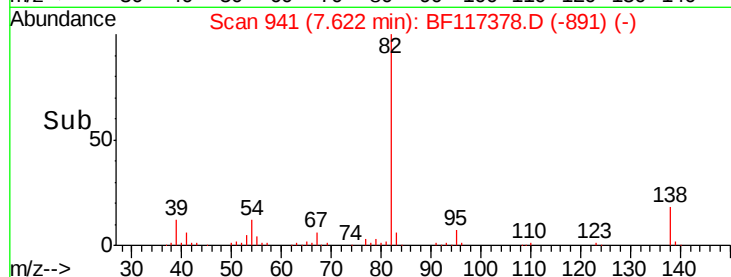
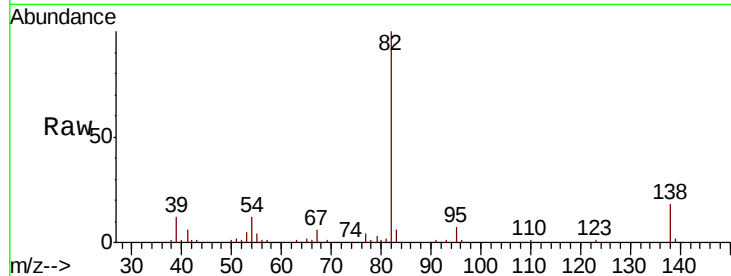
#25
Isophorone
Concen: 41.998 ng
RT: 7.62 min Scan# 941
Delta R.T. -0.01 min
Lab File: BF117378.D
Acq: 12 Oct 2019 19:43

Instrument :
BNA_F
ClientSampleId :
HD-01-100919MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	263792		
95	6.8		5.8	8.6
138	17.7		13.5	20.3

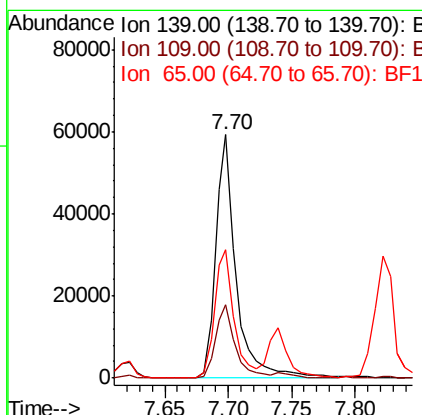
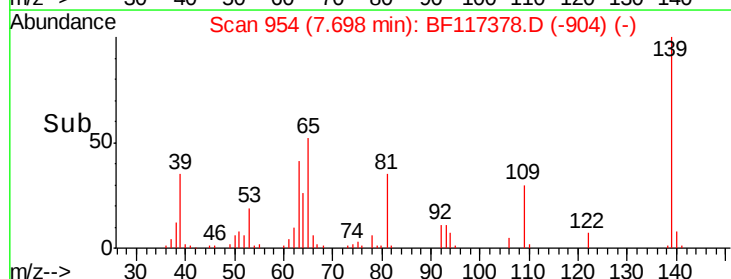
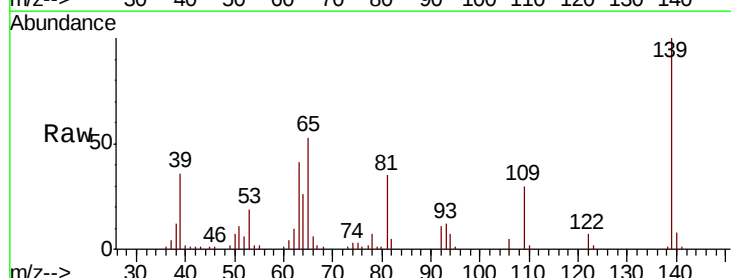
Manual Integrations
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#26
2-Nitrophenol
Concen: 44.450 ng
RT: 7.70 min Scan# 954
Delta R.T. -0.01 min
Lab File: BF117378.D
Acq: 12 Oct 2019 19:43

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	66887		
109	30.2		24.6	36.8
65	52.5		40.9	61.3





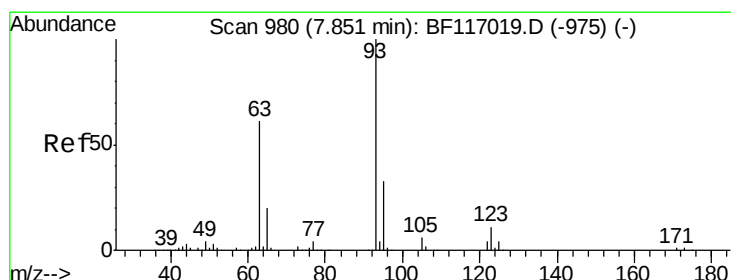
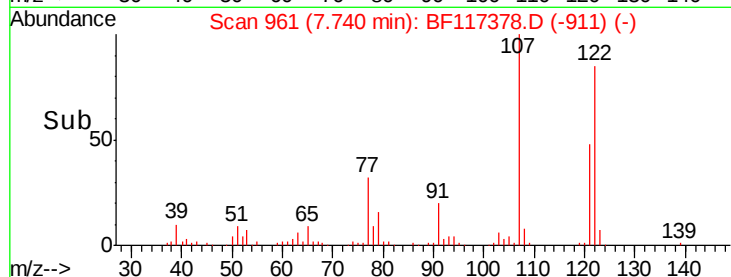
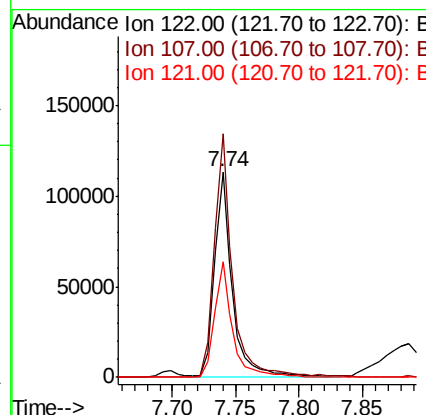
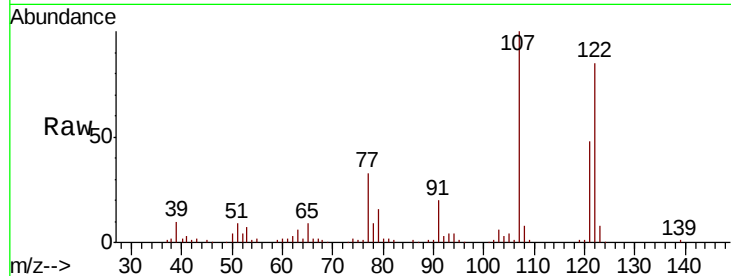
#27
2,4-Dimethylphenol
Concen: 46.676 ng
RT: 7.74 min Scan# 961
Delta R.T. -0.01 min
Lab File: BF117378.D
Acq: 12 Oct 2019 19:43

Instrument :
BNA_F
ClientSampleId :
HD-01-100919MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	111379		
107	118.3	98.9	148.3	
121	56.4	45.3	67.9	

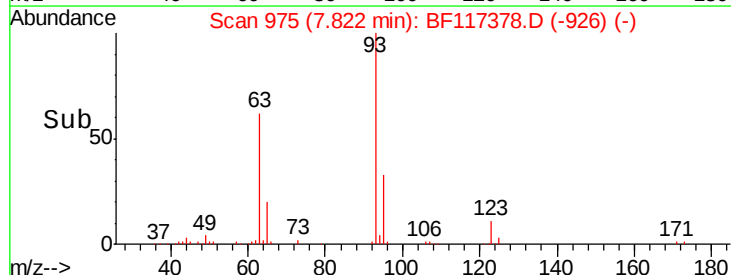
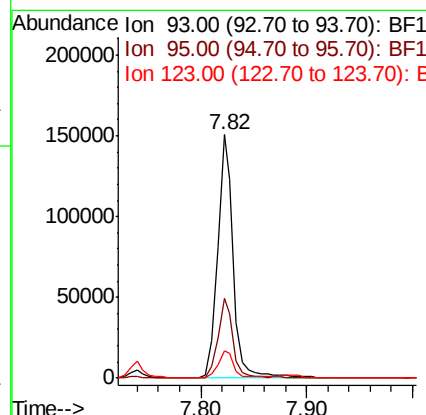
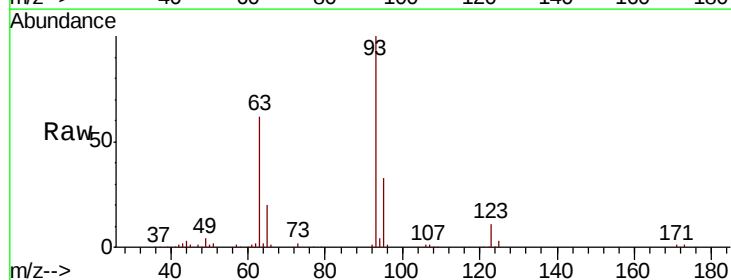
Manual Integrations
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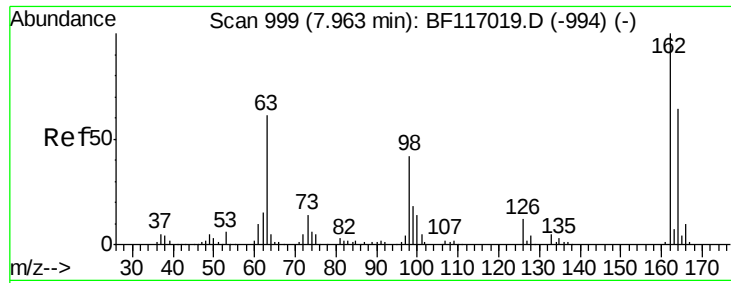
mohammad
10/16/2019 8:05:53 AM



#28
bis(2-Chloroethoxy)methane
Concen: 40.940 ng
RT: 7.82 min Scan# 975
Delta R.T. -0.01 min
Lab File: BF117378.D
Acq: 12 Oct 2019 19:43

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	158431		
95	32.8	26.2	39.4	
123	11.1	9.0	13.6	





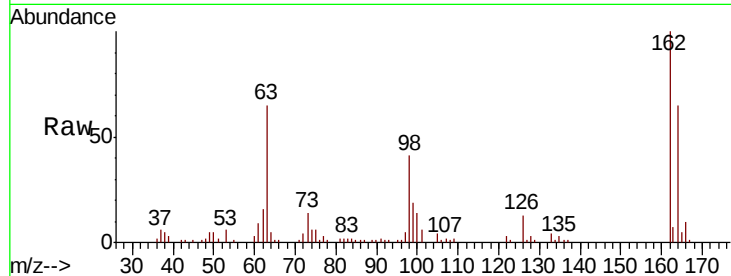
#29
2,4-Dichlorophenol
Concen: 41.574 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF117378.D
Acq: 12 Oct 2019 19:43

Instrument :
BNA_F
ClientSampleId :
HD-01-100919MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		103949		
164	65.1	43.8	83.8		
98	40.7	22.1	62.1		

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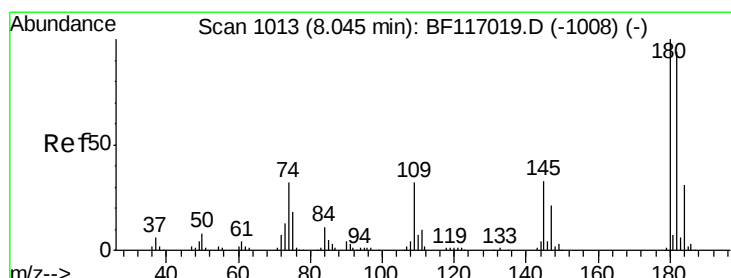
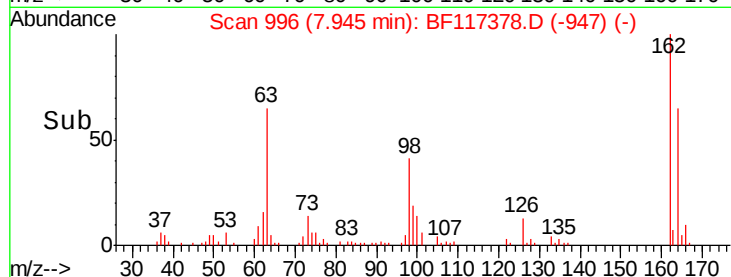
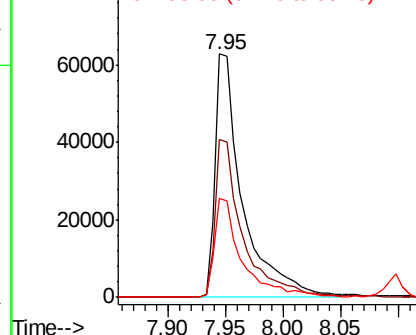


Abundance

Ion 162.00 (161.70 to 162.70): E

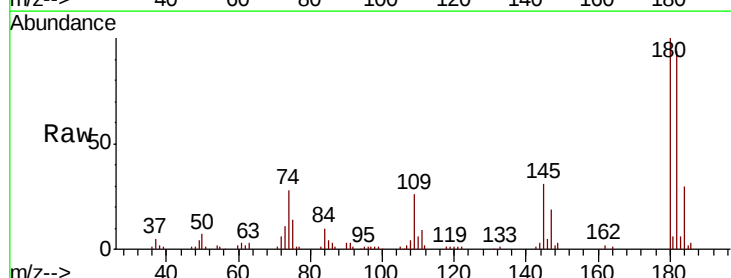
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 38.534 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF117378.D
Acq: 12 Oct 2019 19:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		104091		
182	93.9	75.4	113.0		
145	30.9	26.7	40.1		

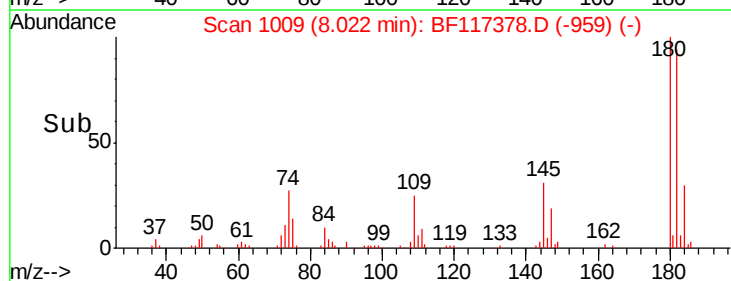
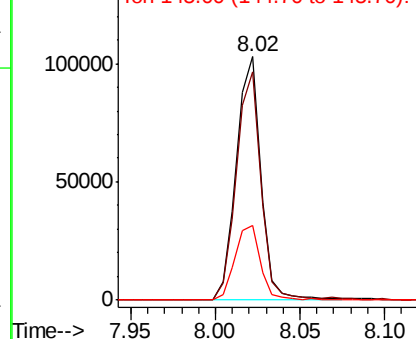


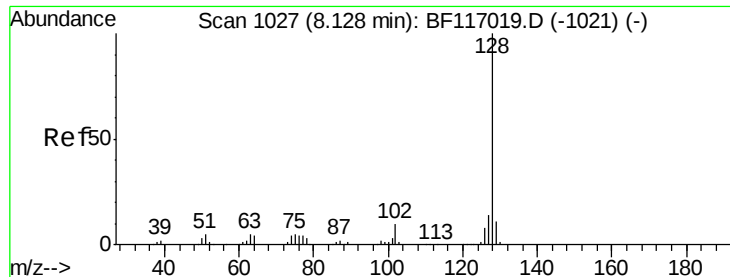
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





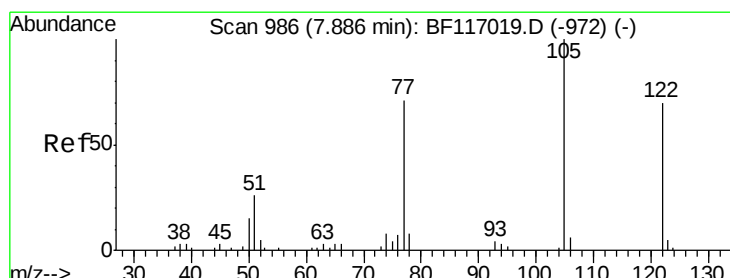
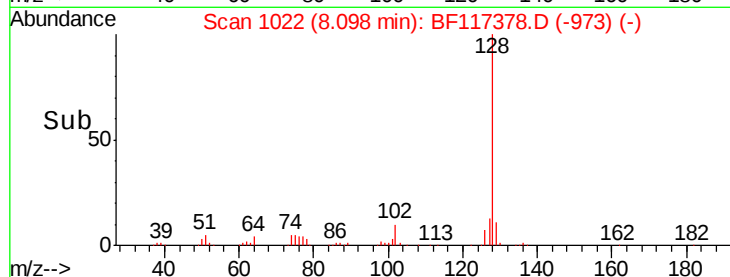
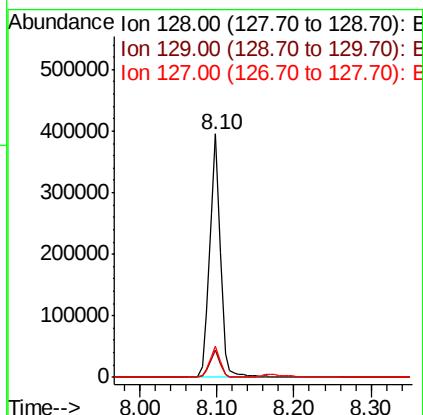
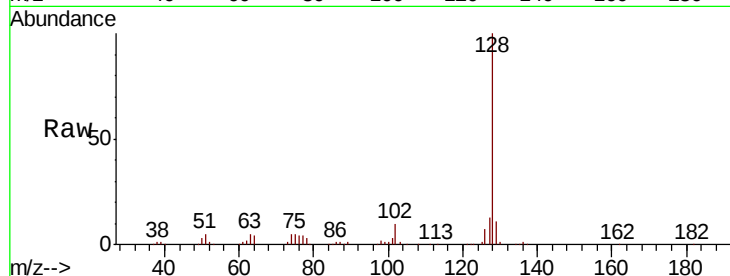
#31
Naphthalene
Concen: 42.323 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF117378.D
Acq: 12 Oct 2019 19:43

Instrument :
BNA_F
ClientSampleID :
HD-01-100919MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.4
127	12.9	10.8	16.2

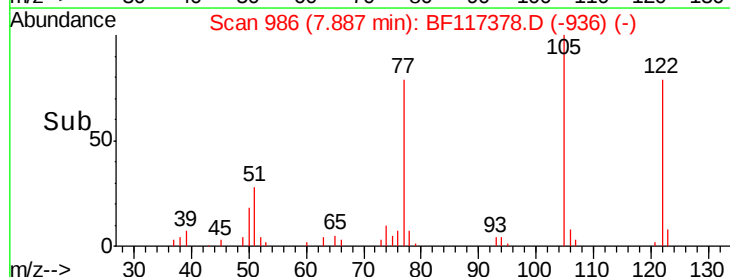
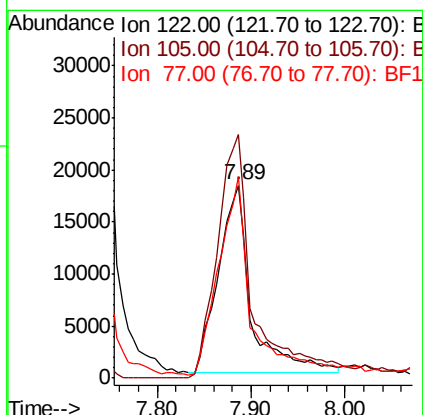
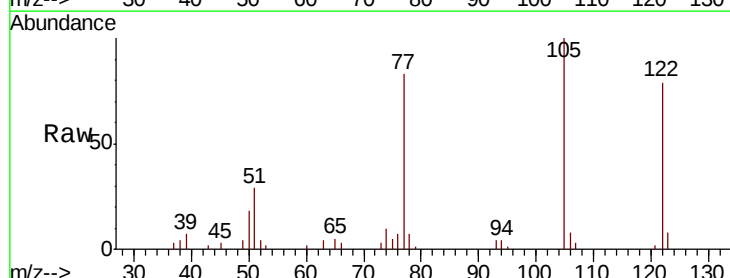
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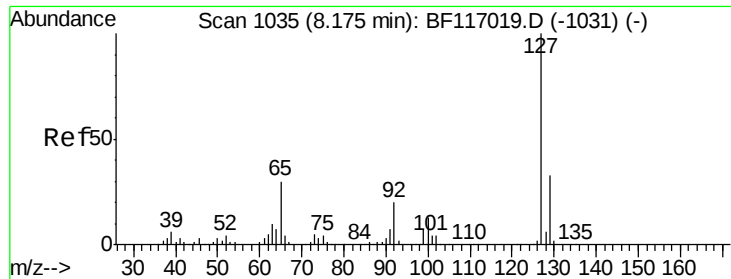
mohammad
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#32
Benzoic acid
Concen: 27.523 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF117378.D
Acq: 12 Oct 2019 19:43

Tgt Ion	Ratio	Lower	Upper
122	100		
105	126.5	114.8	154.8
77	104.6	78.7	118.7





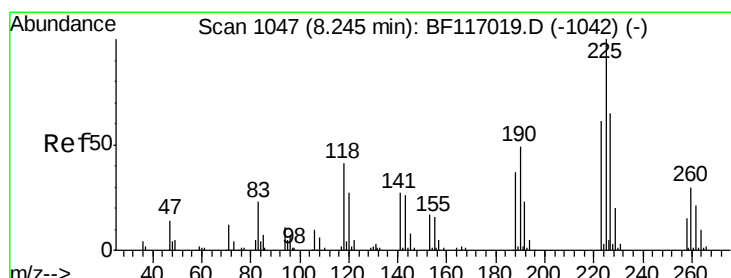
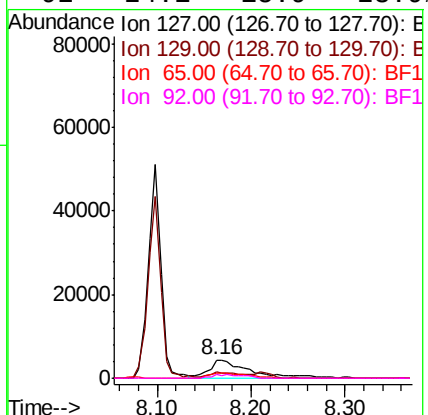
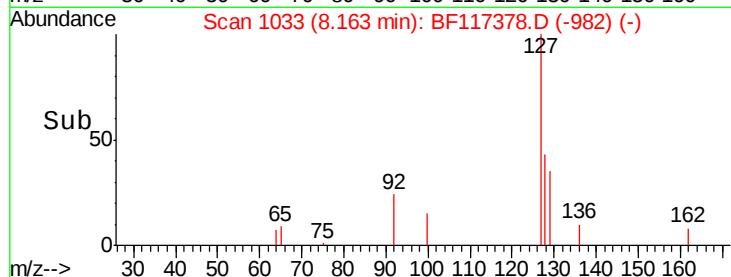
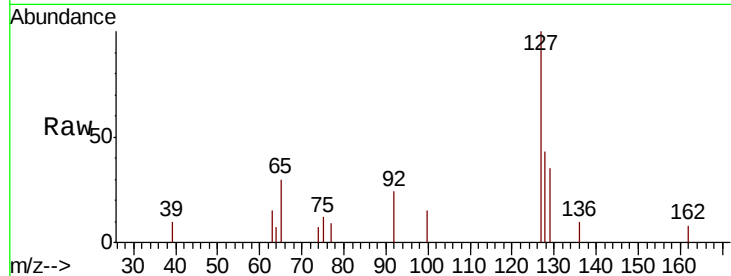
#33
4-Chloroaniline
Concen: 3.419 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BF117378.D
Acq: 12 Oct 2019 19:43

Instrument :
BNA_F
ClientSampleId :
HD-01-100919MS

Tot Ion	Ratio	Lower	Upper
127	100		
129	34.7	26.2	39.2
65	30.1	23.5	35.3
92	24.1	15.9	23.9

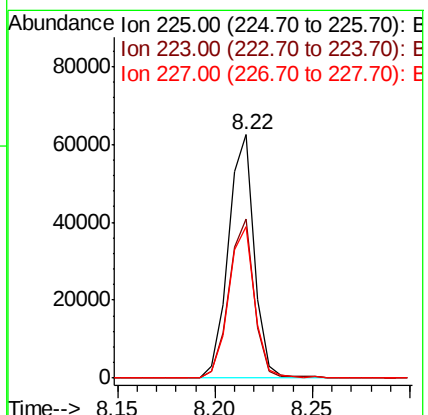
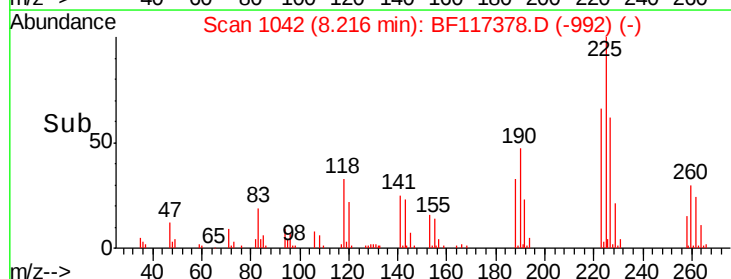
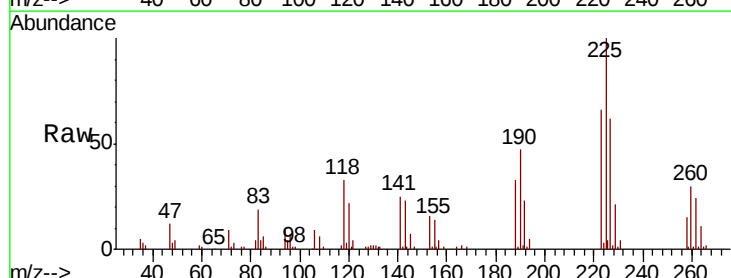
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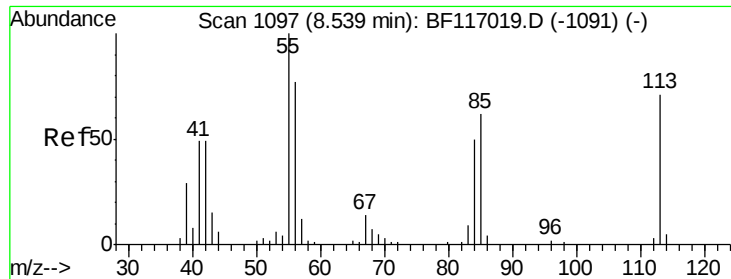
mohammad
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#34
Hexachlorobutadiene
Concen: 37.549 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF117378.D
Acq: 12 Oct 2019 19:43

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.5	49.1	73.7
227	62.5	52.2	78.2





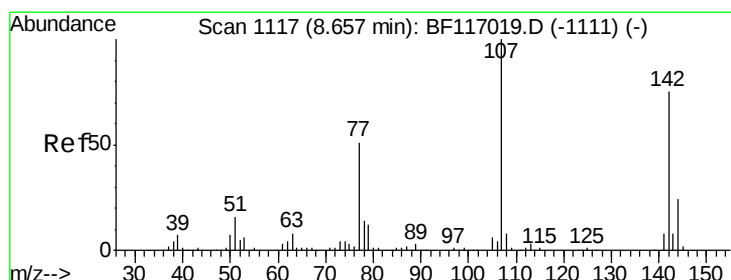
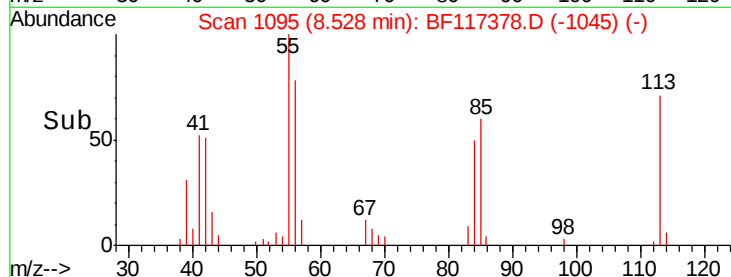
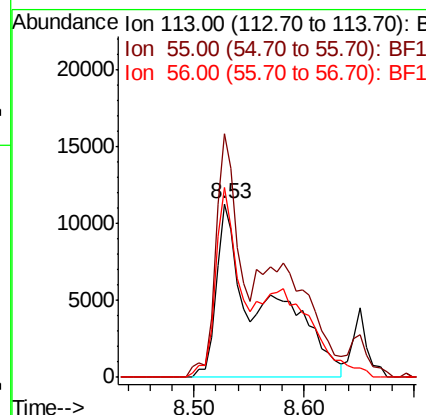
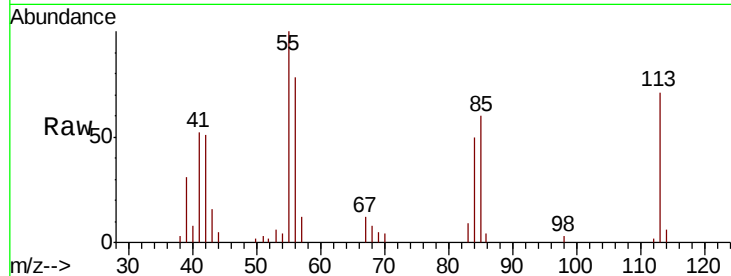
#35
Caprolactam
Concen: 39.823 ng/ml
RT: 8.53 min Scan# 1095
Delta R.T. -0.01 min
Lab File: BF117378.D
Acq: 12 Oct 2019 19:43

Instrument :
BNA_F
ClientSampleId :
HD-01-100919MS

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	140.2	120.6	160.6	
56	109.6	88.8	128.8	

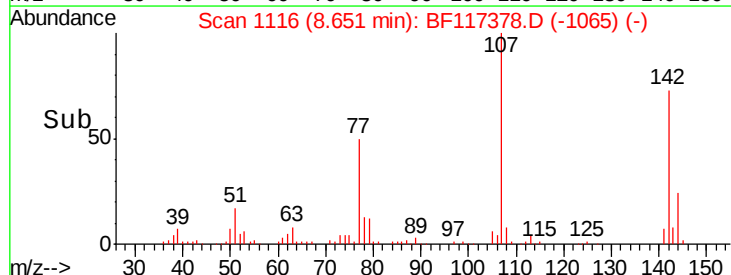
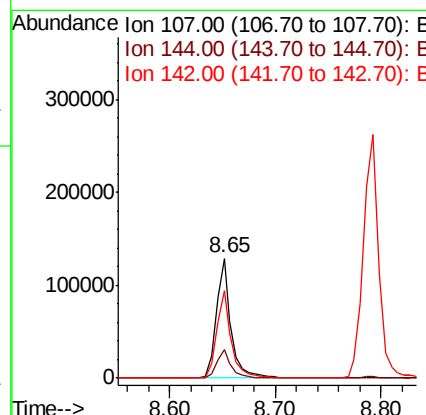
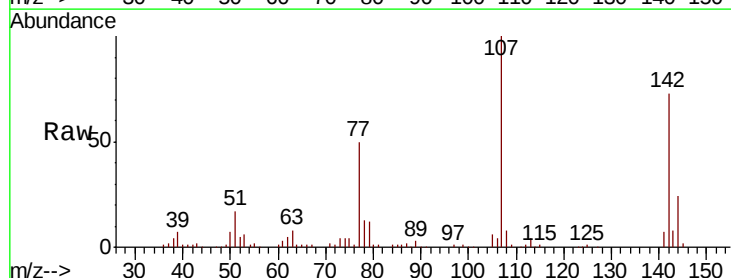
Manual Integrations
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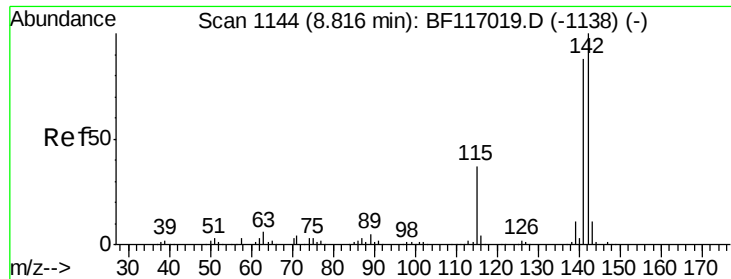
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 43.695 ng
RT: 8.65 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BF117378.D
Acq: 12 Oct 2019 19:43

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	24.2	19.2	28.8	
142	73.1	59.6	89.4	





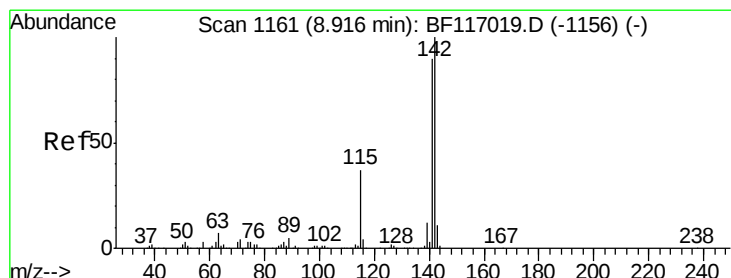
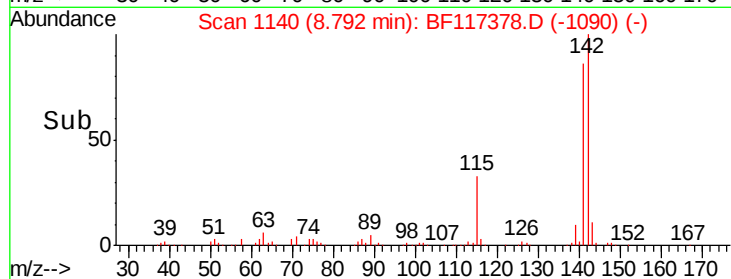
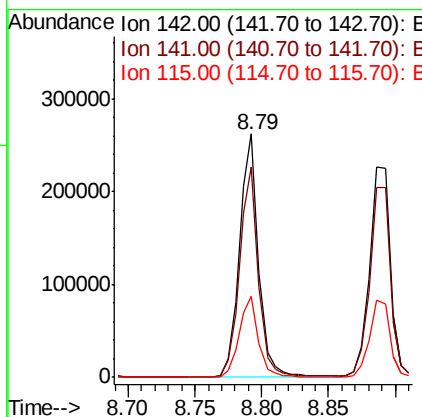
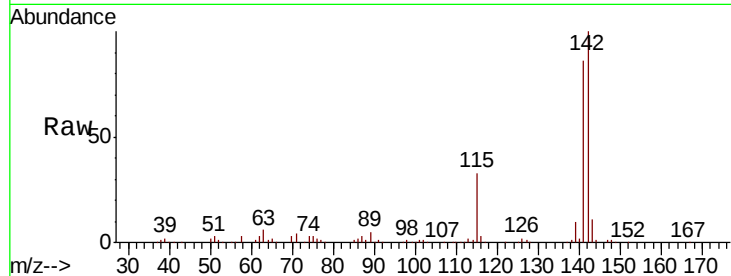
#37
2-Methylnaphthalene
Concen: 43.260 ng
RT: 8.79 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BF117378.D
Acq: 12 Oct 2019 19:43

Instrument :
BNA_F
ClientSampleId :
HD-01-100919MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.3	70.7	106.1
115	33.3	29.4	44.0

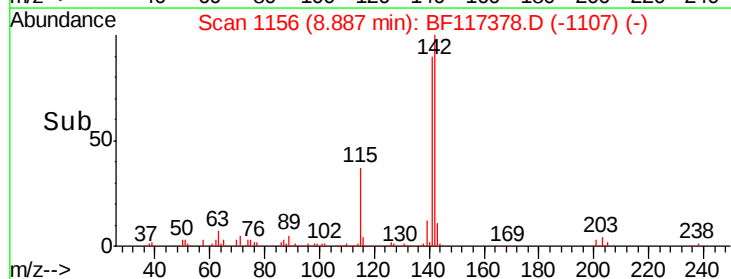
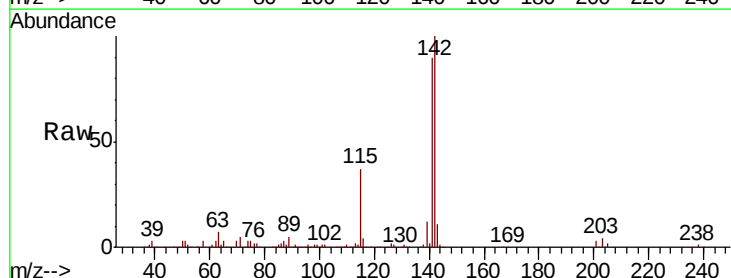
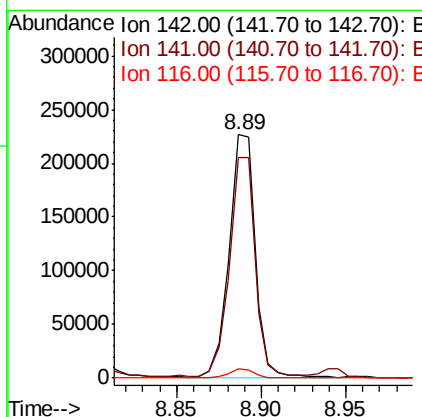
Manual Integrations
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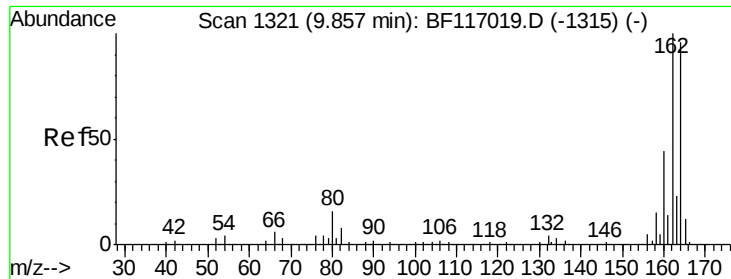
mohammad
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#38
1-Methylnaphthalene
Concen: 42.423 ng
RT: 8.89 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BF117378.D
Acq: 12 Oct 2019 19:43

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.3	71.9	107.9
116	3.6	3.2	4.8





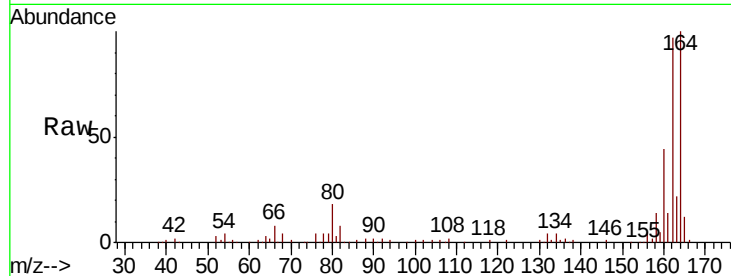
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF117378.D
Acq: 12 Oct 2019 19:43

Instrument :
BNA_F
ClientSampleId :
HD-01-100919MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	97.0	83.4	125.2
160	44.4	36.4	54.6

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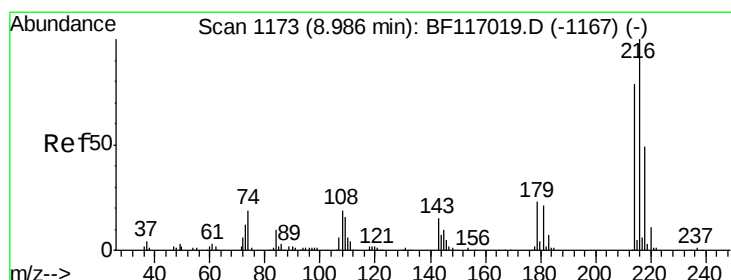
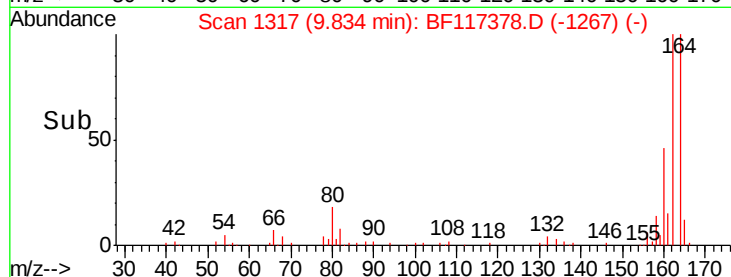
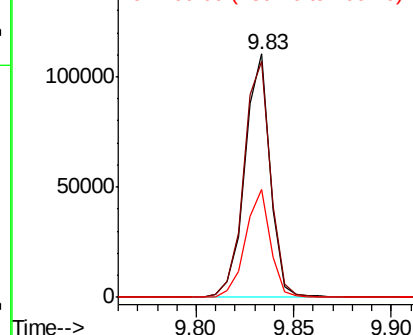


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.702 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BF117378.D
Acq: 12 Oct 2019 19:43

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.9	63.6	95.4
179	23.0	18.3	27.5
108	22.5	17.8	26.6

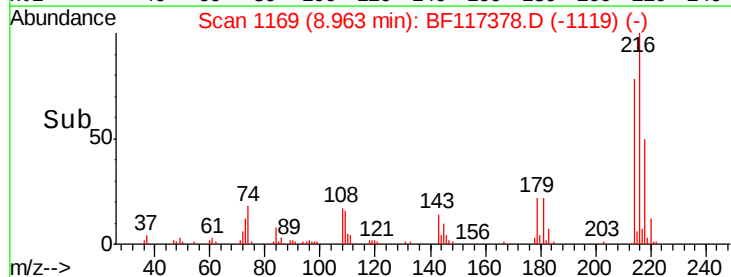
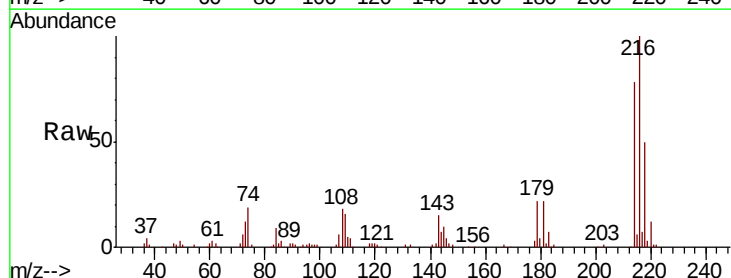
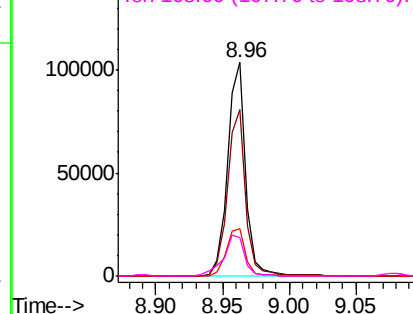
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 49.758 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BF117378.D

Acq: 12 Oct 2019 19:43

Instrument :

BNA_F

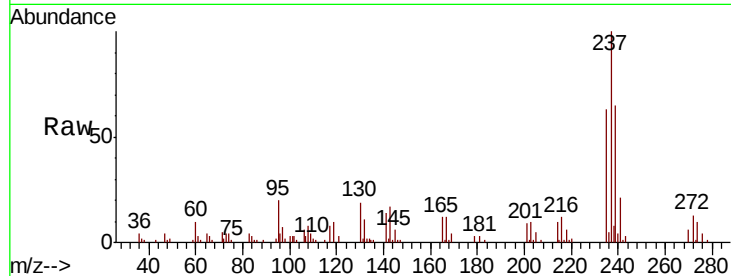
ClientSampleId :

HD-01-100919MS

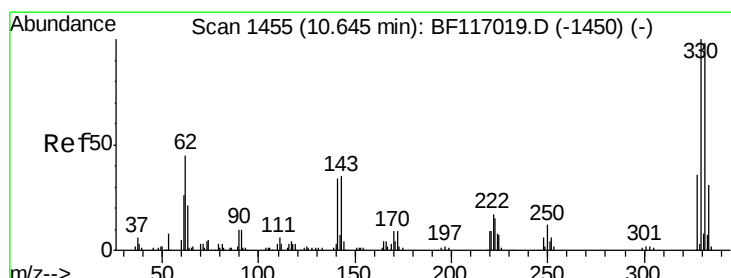
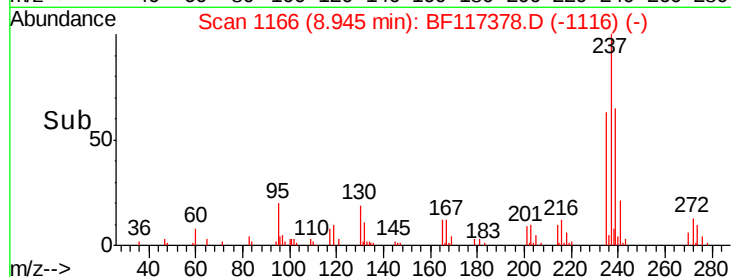
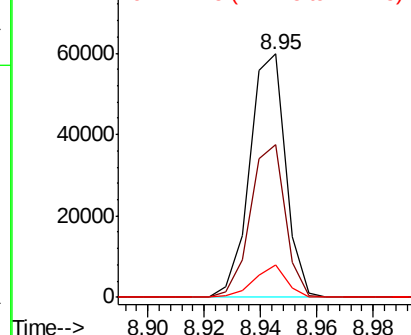
Tot Ion:	237	Resp:	52755
Ion Ratio	Lower	Upper	
237	100		
235	62.9	43.2	83.2
272	13.5	0.0	31.9

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



#42

2,4,6-Tribromophenol

Concen: 125.764 ng

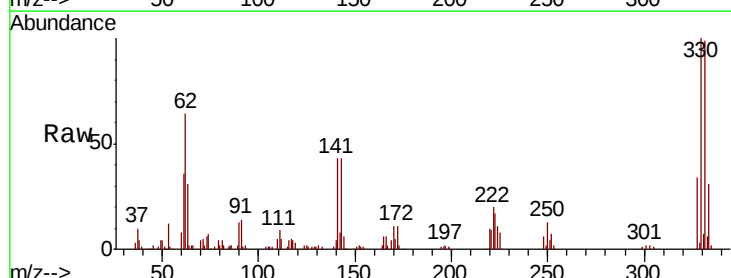
RT: 10.63 min Scan# 1452

Delta R.T. -0.01 min

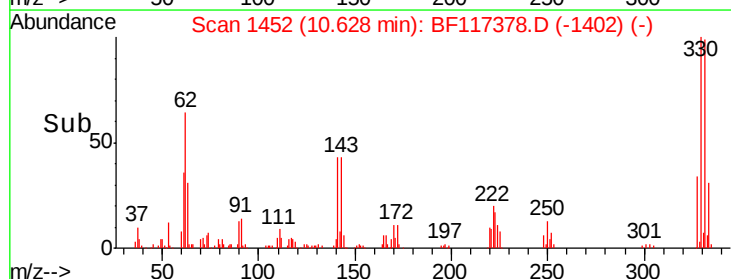
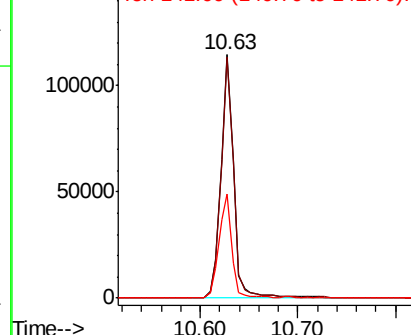
Lab File: BF117378.D

Acq: 12 Oct 2019 19:43

Tgt Ion:	330	Resp:	104542
Ion Ratio	Lower	Upper	
330	100		
332	97.7	78.0	117.0
141	43.2	35.8	53.6



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





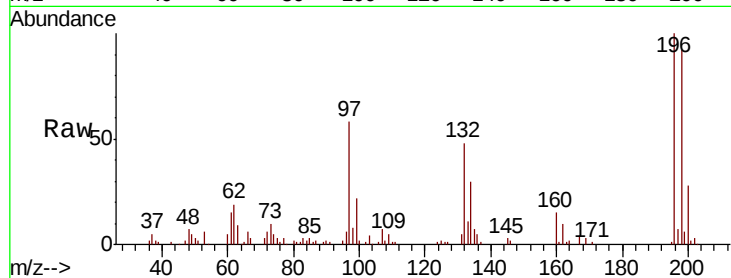
#43
2,4,6-Trichlorophenol
Concen: 41.234 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF117378.D
Acq: 12 Oct 2019 19:43

Instrument :
BNA_F
ClientSampleId :
HD-01-100919MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	71868		
198	91.5	75.7	113.5	
200	28.2	23.3	34.9	

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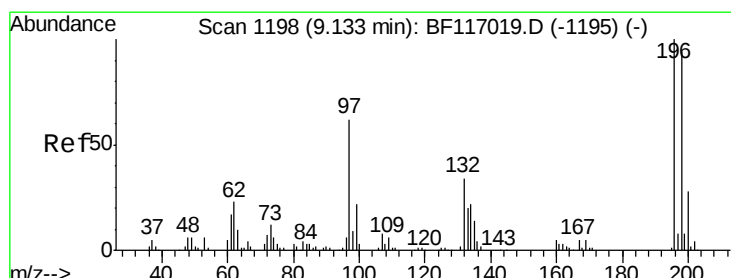
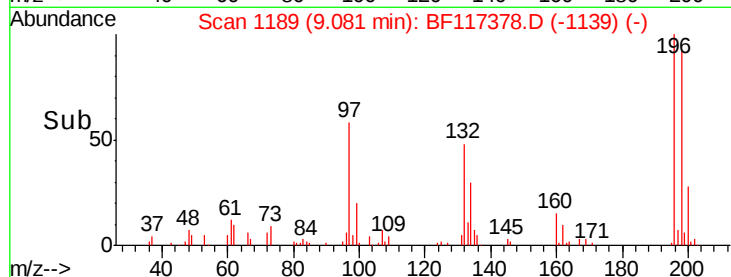
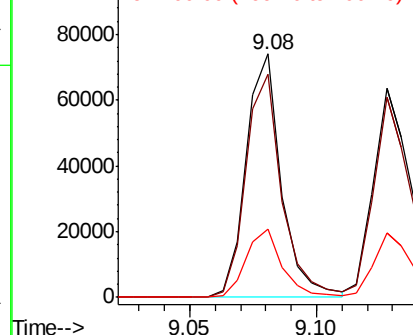


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
2,4,5-Trichlorophenol
Concen: 39.876 ng
RT: 9.13 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BF117378.D
Acq: 12 Oct 2019 19:43

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	74257		
198	96.1	74.6	112.0	
97	59.1	49.5	74.3	
132	32.6	27.4	41.2	

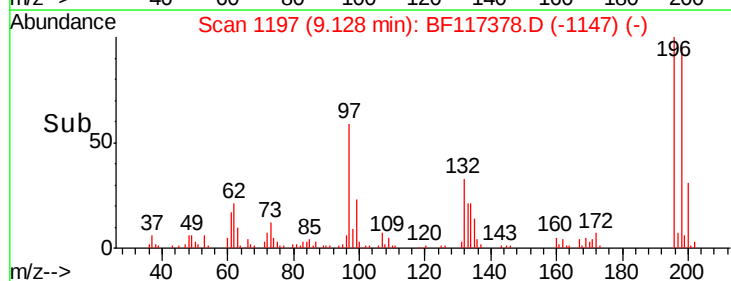
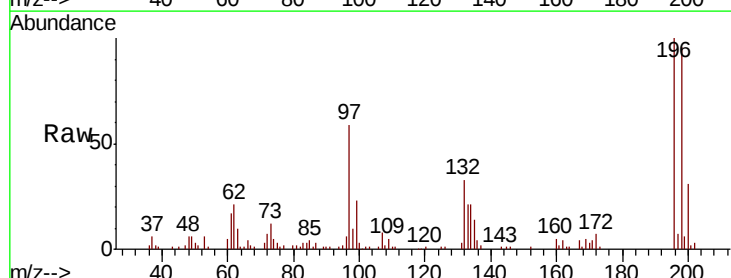
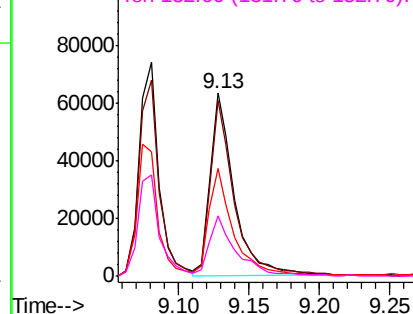
Abundance

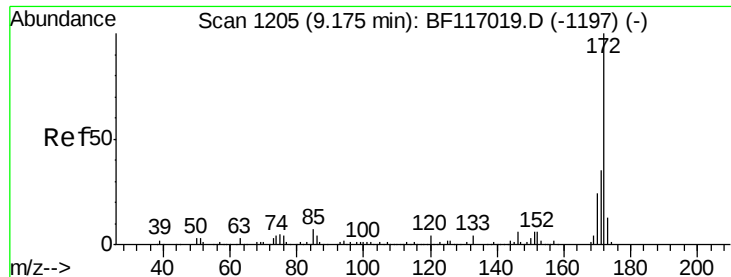
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





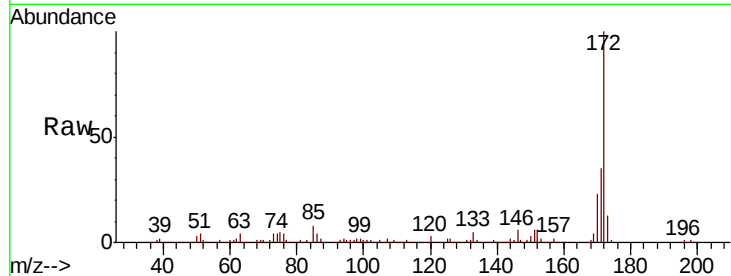
#45
2-Fluorobiphenyl
Concen: 84.567 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF117378.D
Acq: 12 Oct 2019 19:43

Instrument :
BNA_F
ClientSampleId :
HD-01-100919MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.2	42.2
170	22.8	18.9	28.3

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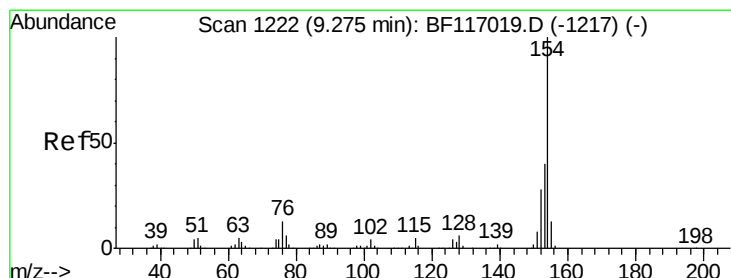
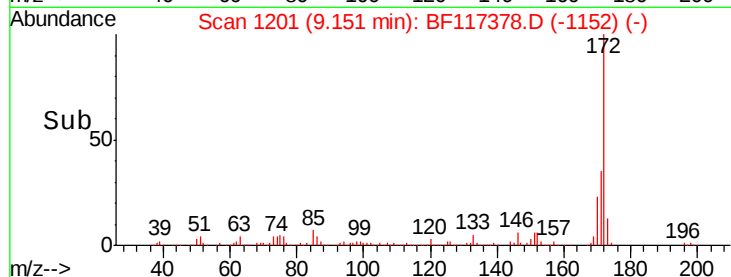
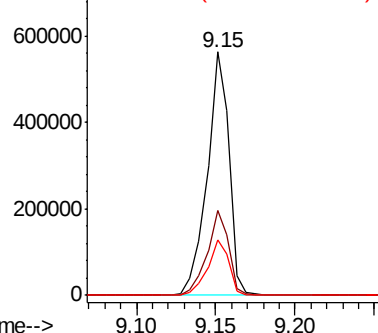


Abundance

Ion 172.00 (171.70 to 172.70): E

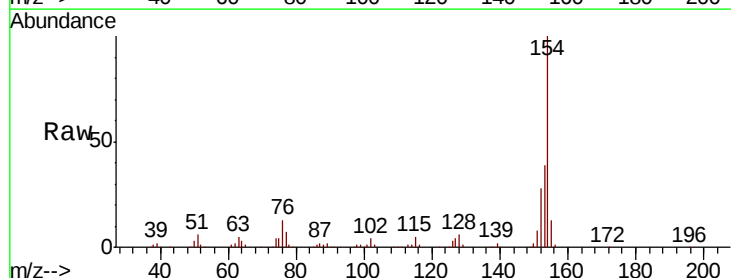
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 39.566 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF117378.D
Acq: 12 Oct 2019 19:43

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.5	20.0	60.0
76	13.1	0.0	32.7

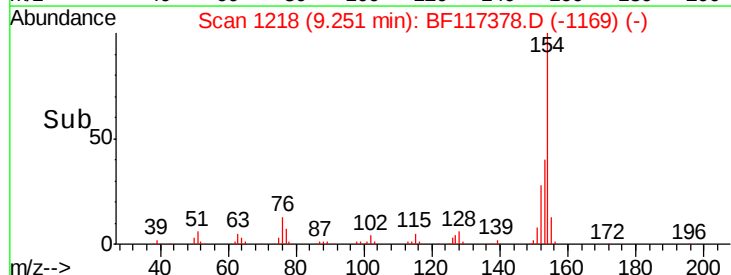
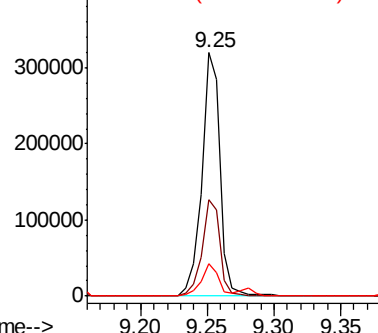


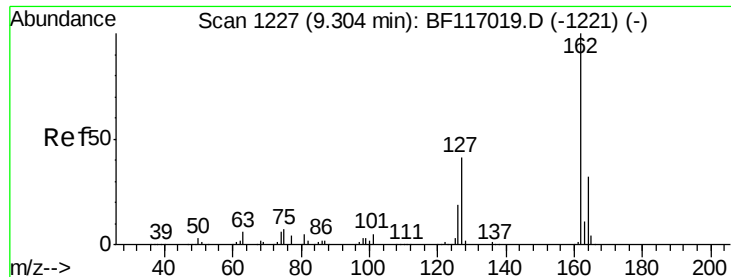
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





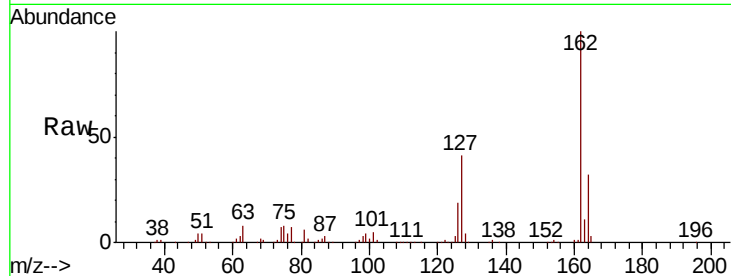
#47
2-Chloronaphthalene
Concen: 39.111 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BF117378.D
Acq: 12 Oct 2019 19:43

Instrument :
BNA_F
ClientSampleId :
HD-01-100919MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		240810		
127	40.7	34.1	51.1		
164	32.5	25.9	38.9		

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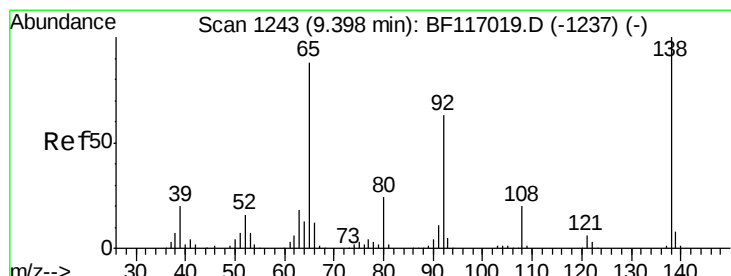
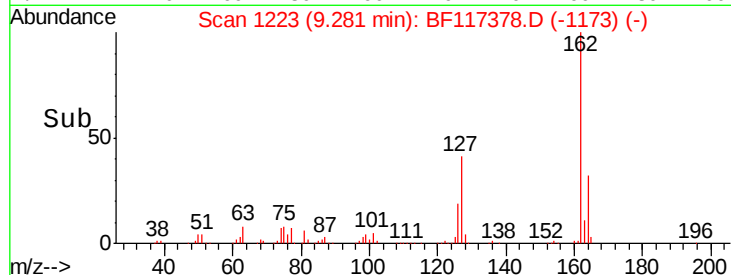
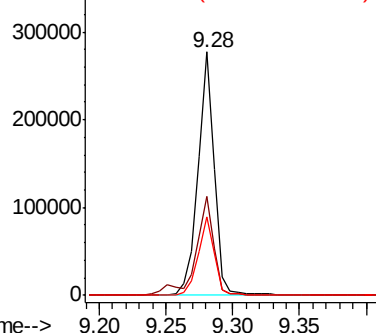


Abundance

Ion 162.00 (161.70 to 162.70): E

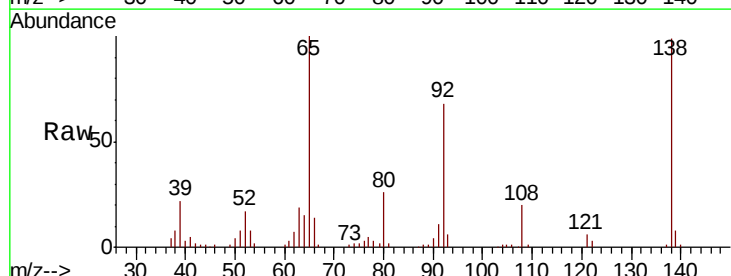
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 39.730 ng
RT: 9.38 min Scan# 1240
Delta R.T. -0.01 min
Lab File: BF117378.D
Acq: 12 Oct 2019 19:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100		78464		
92	68.2	57.5	86.3		
138	98.8	90.6	136.0		

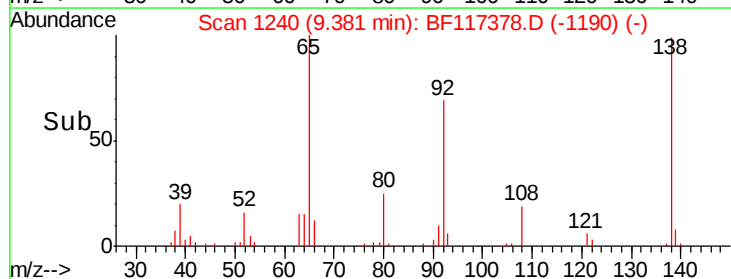
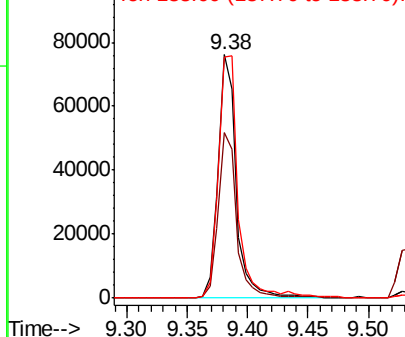


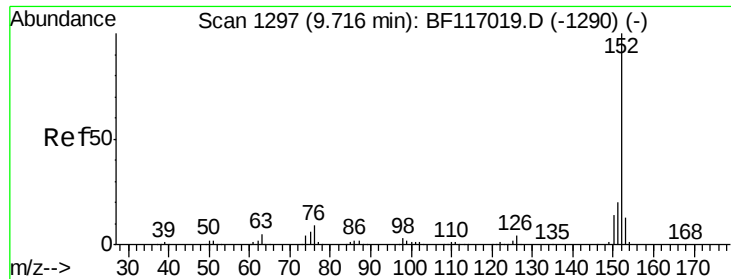
Abundance

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 41.532 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF117378.D

Acq: 12 Oct 2019 19:43

Instrument :

BNA_F

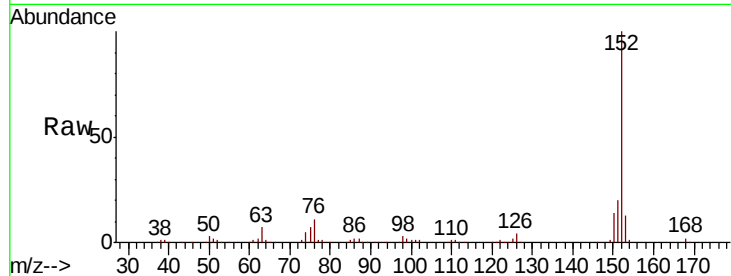
ClientSampleId :

HD-01-100919MS

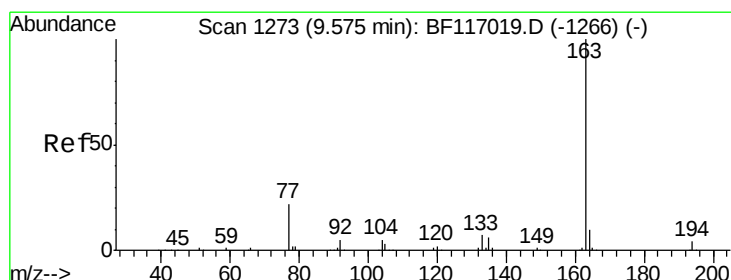
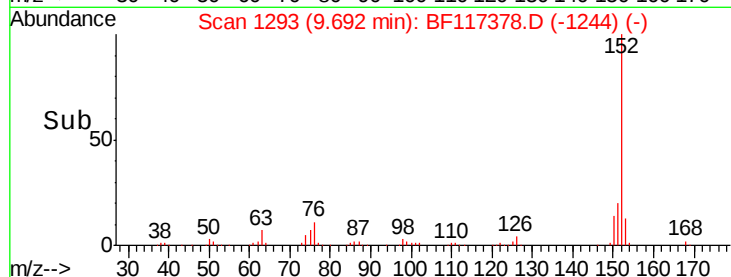
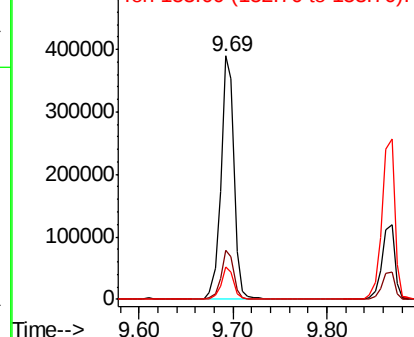
Tot Ion:	152	Resp:	383080
Ion Ratio	Lower	Upper	
152	100		
151	20.1	16.2	24.2
153	13.1	10.2	15.4

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



#50

Dimethylphthalate

Concen: 40.242 ng

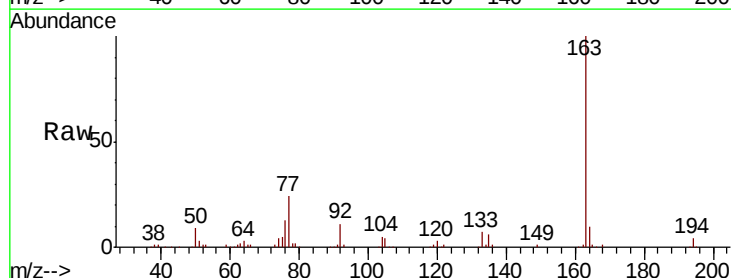
RT: 9.55 min Scan# 1269

Delta R.T. -0.01 min

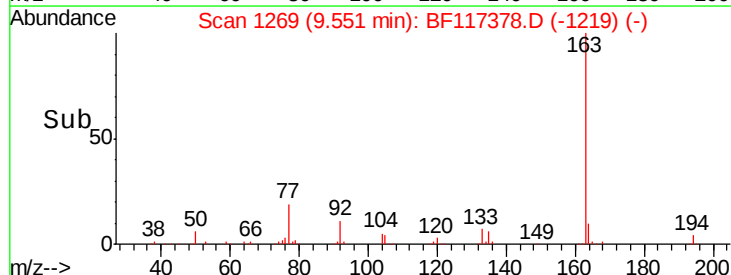
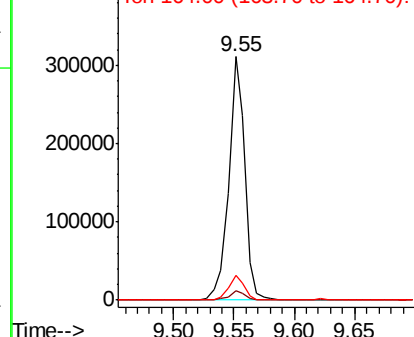
Lab File: BF117378.D

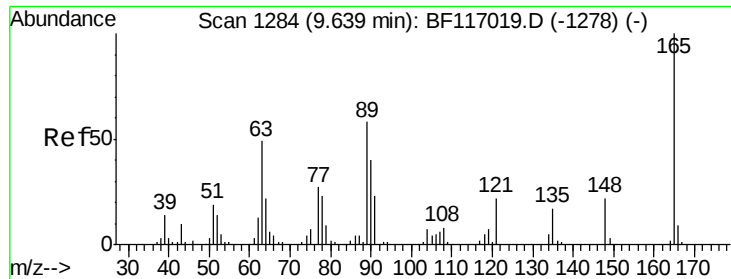
Acq: 12 Oct 2019 19:43

Tgt Ion:	163	Resp:	283394
Ion Ratio	Lower	Upper	
163	100		
194	3.7	2.9	4.3
164	10.0	8.2	12.4



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





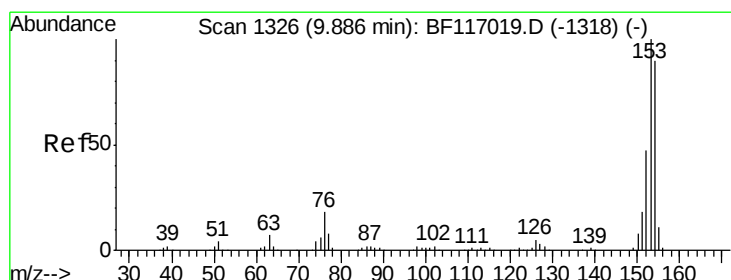
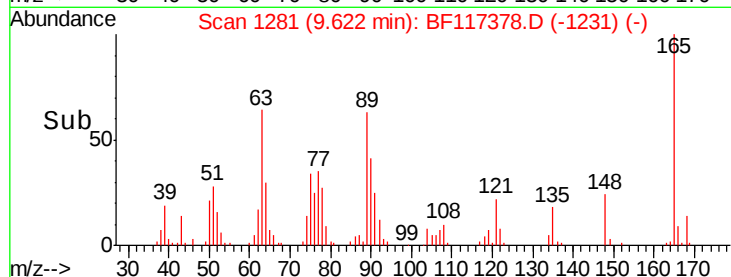
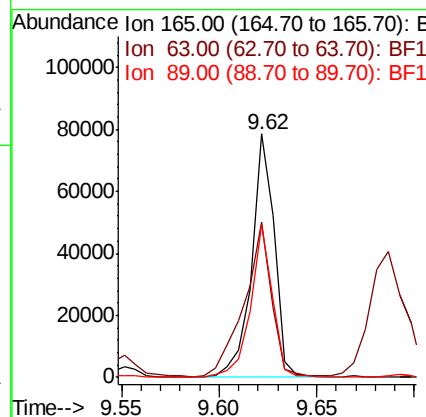
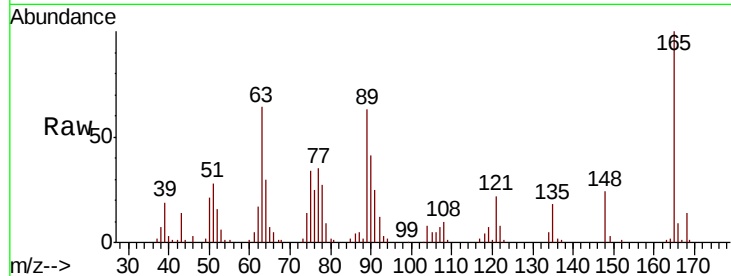
#51
2,6-Dinitrotoluene
Concen: 44.023 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF117378.D
Acq: 12 Oct 2019 19:43

Instrument :
BNA_F
ClientSampleId :
HD-01-100919MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	63141		
63	63.7	41.8	62.8#	
89	62.6	46.5	69.7	

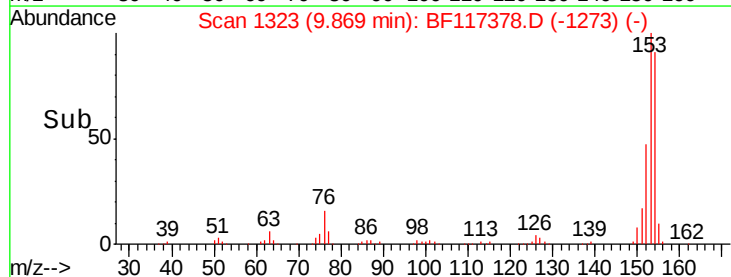
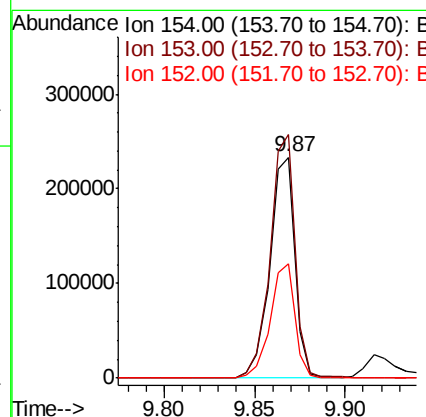
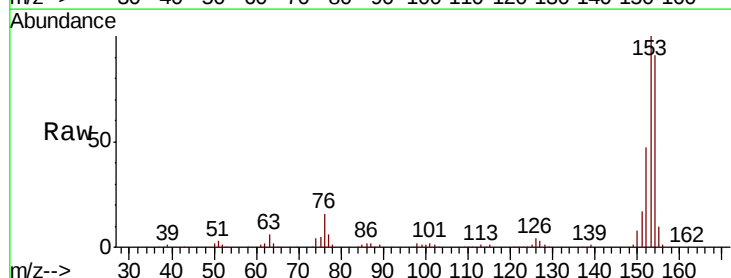
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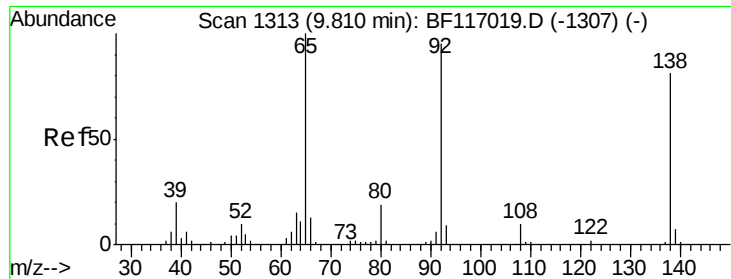
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#52
Acenaphthene
Concen: 41.048 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF117378.D
Acq: 12 Oct 2019 19:43

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	224441		
153	110.3	89.0	133.6	
152	51.6	41.9	62.9	





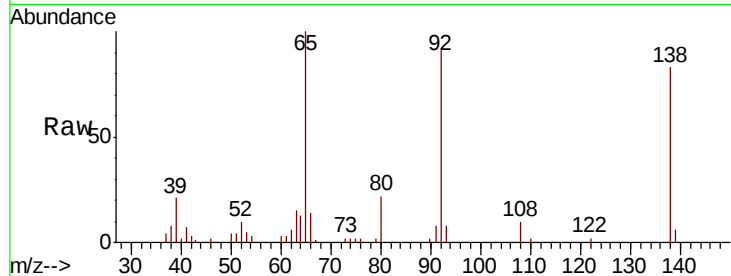
#53
3-Nitroaniline
Concen: 12.233 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF117378.D
Acq: 12 Oct 2019 19:43

Instrument :
BNA_F
ClientSampleId :
HD-01-100919MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.5	9.5	14.3
92	110.9	94.1	141.1

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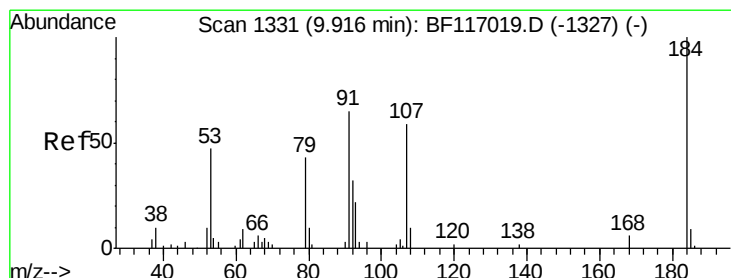
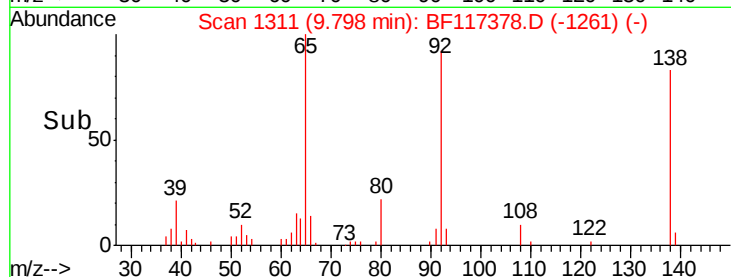
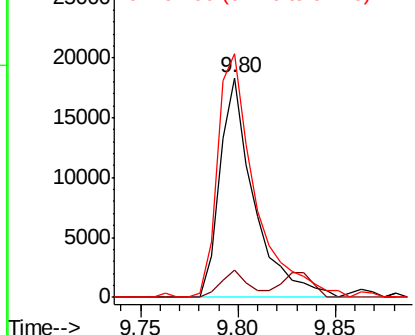


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 79.275 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF117378.D
Acq: 12 Oct 2019 19:43

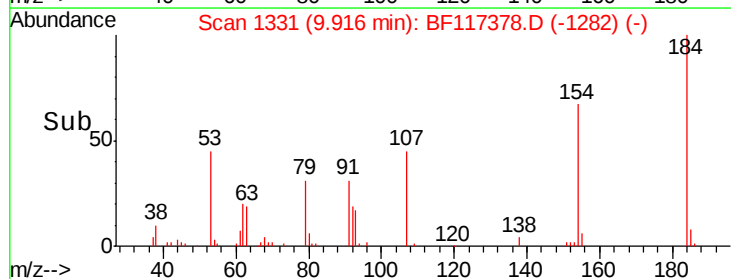
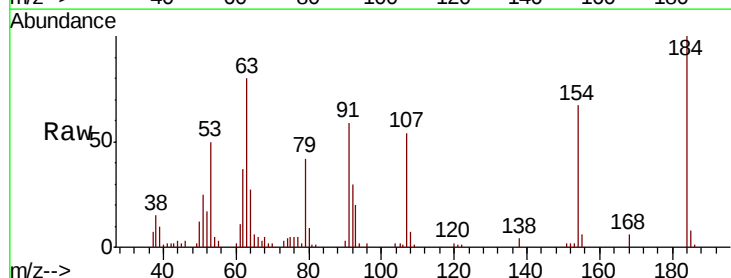
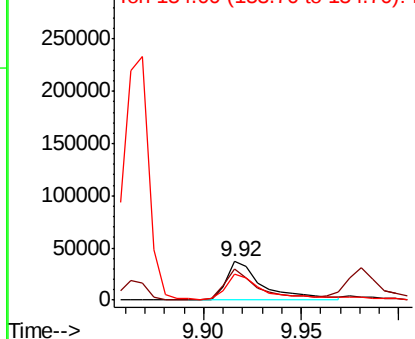
Tgt Ion	Ratio	Lower	Upper
184	100		
63	80.0	63.8	95.6
154	67.0	60.4	90.6

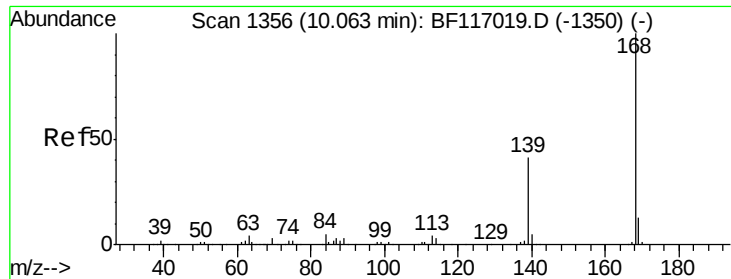
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





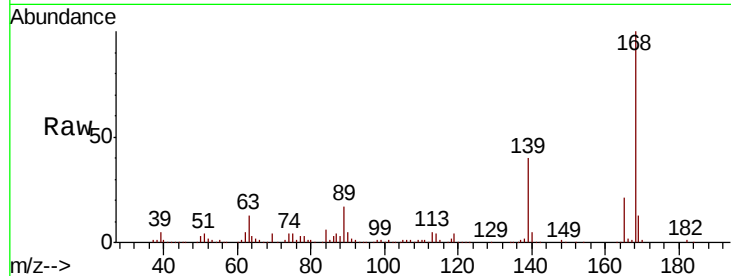
#55
Dibenzenofuran
Concen: 42.168 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BF117378.D
Acq: 12 Oct 2019 19:43

Instrument :
BNA_F
ClientSampleId :
HD-01-100919MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.5	32.8	49.2
169	12.9	10.5	15.7

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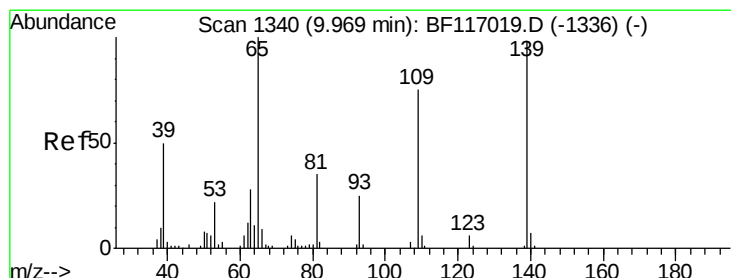
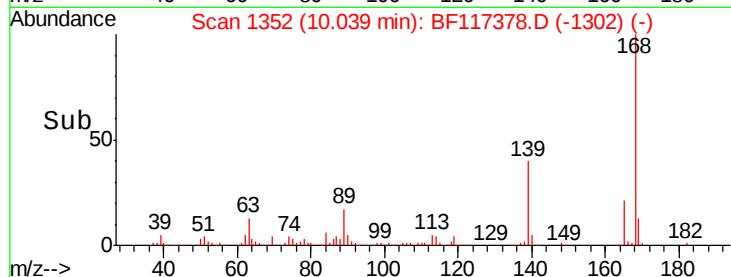
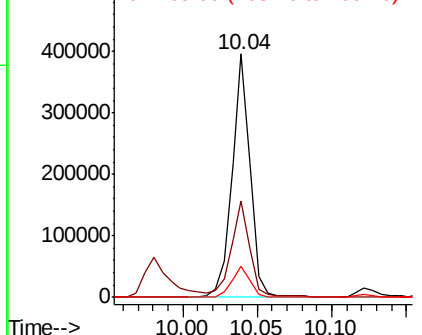


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 67.165 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF117378.D
Acq: 12 Oct 2019 19:43

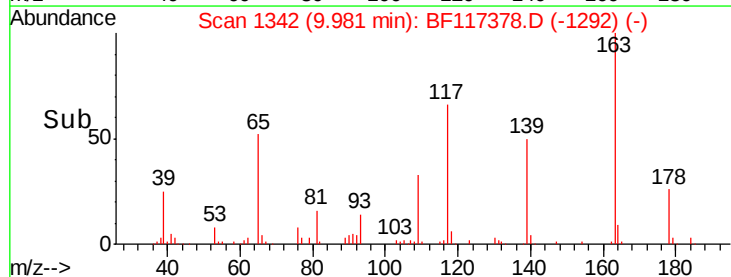
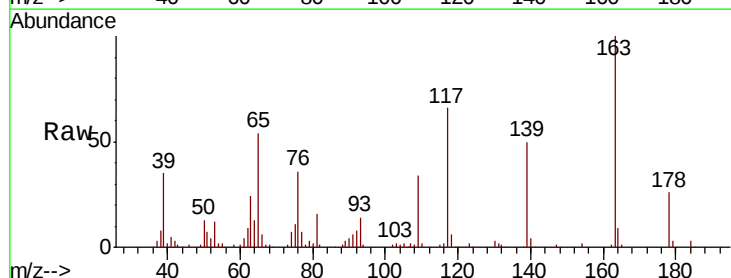
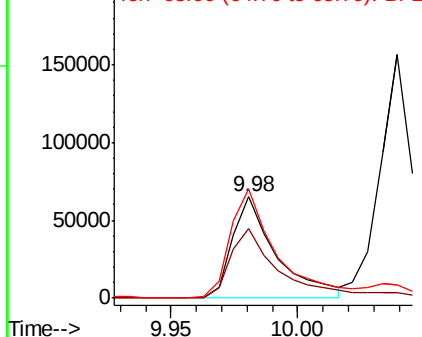
Tgt Ion	Ratio	Lower	Upper
139	100		
109	68.8	56.4	96.4
65	108.1	82.5	122.5

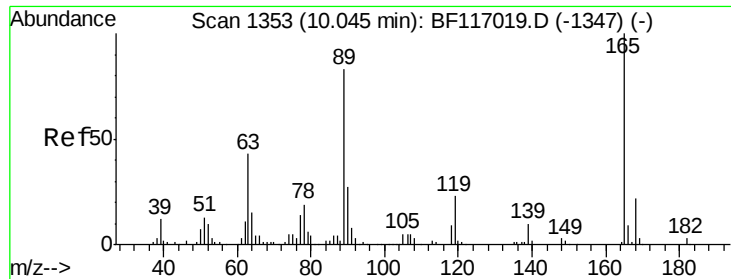
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





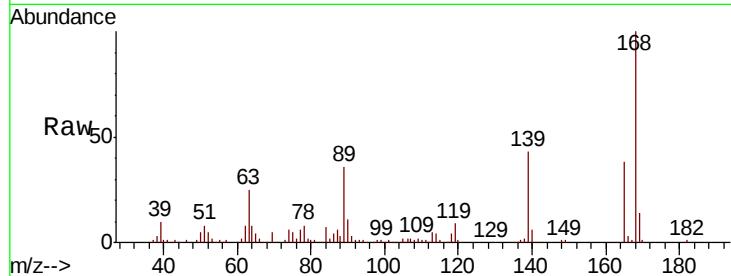
#57
2,4-Dinitrotoluene
Concen: 46.234 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BF117378.D
Acq: 12 Oct 2019 19:43

Instrument :
BNA_F
ClientSampleId :
HD-01-100919MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	65.7	35.0	52.4#
89	94.6	66.1	99.1
182	2.6	2.0	3.0

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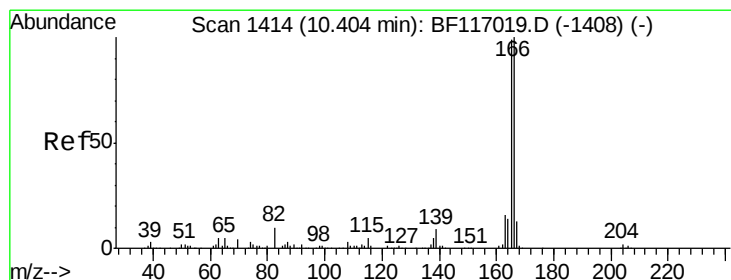
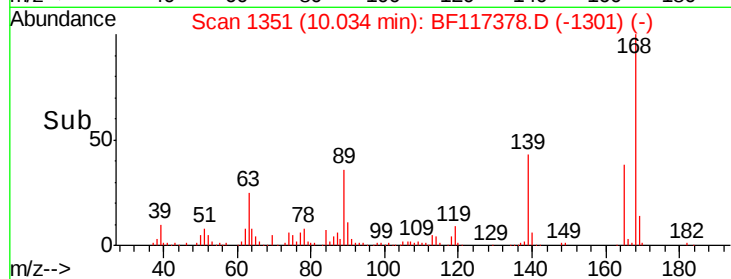
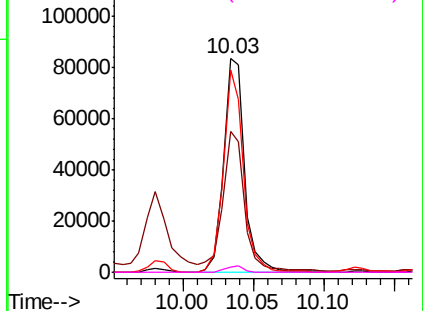
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 43.024 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.01 min
Lab File: BF117378.D
Acq: 12 Oct 2019 19:43

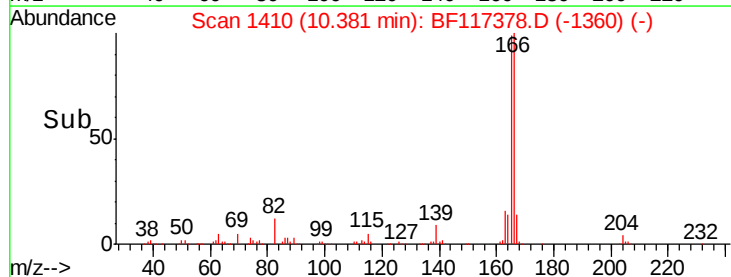
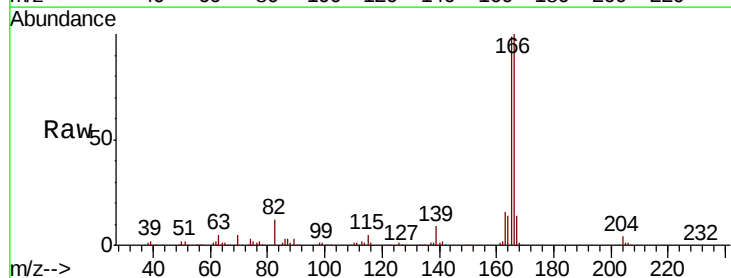
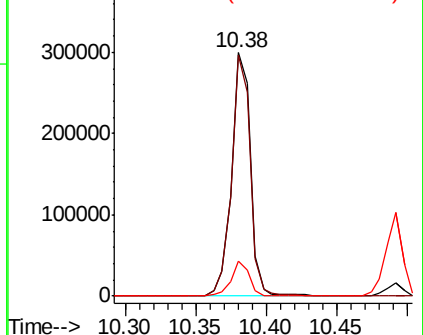
Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.1	78.9	118.3
167	14.1	10.6	15.8

Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 41.785 ng

RT: 10.17 min Scan# 1374

Delta R.T. -0.01 min

Lab File: BF117378.D

Acq: 12 Oct 2019 19:43

Instrument :

BNA_F

ClientSampleId :

HD-01-100919MS

Tot Ion:232 Resp: 59544

Ion Ratio Lower Upper

232 100

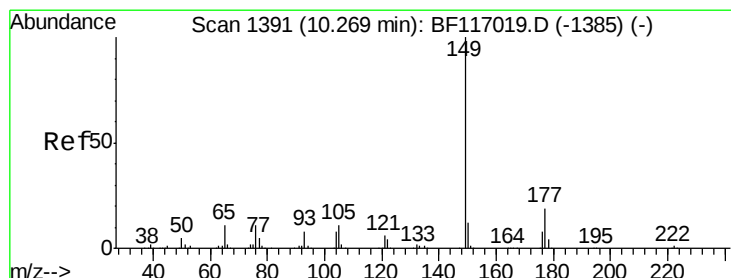
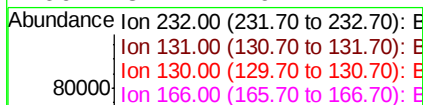
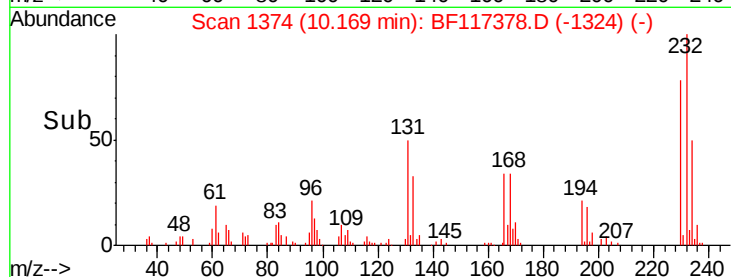
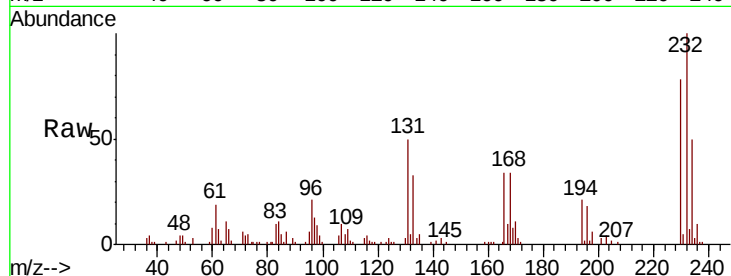
131 56.1 45.3 67.9

130 2.3 1.8 2.8

166 34.7 29.4 44.2

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#60

Diethylphthalate

Concen: 42.493 ng

RT: 10.25 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BF117378.D

Acq: 12 Oct 2019 19:43

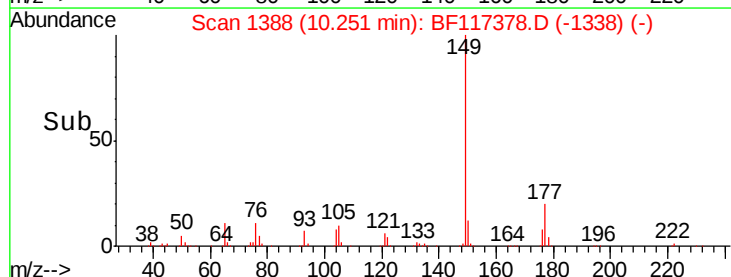
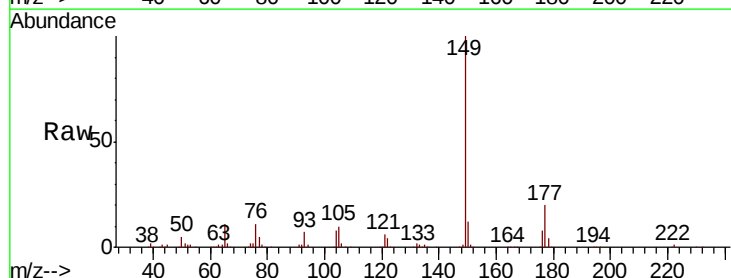
Tgt Ion:149 Resp: 294406

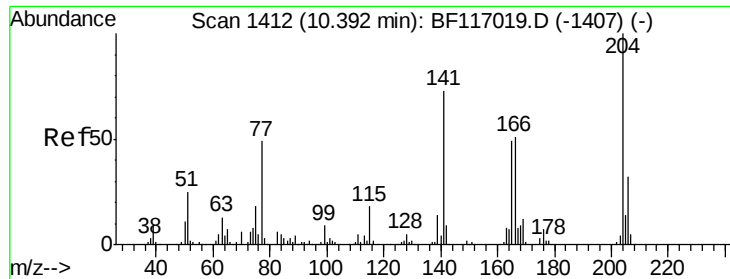
Ion Ratio Lower Upper

149 100

177 20.5 15.2 22.8

150 12.0 9.9 14.9





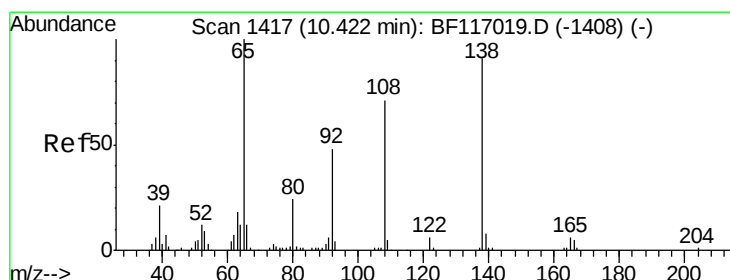
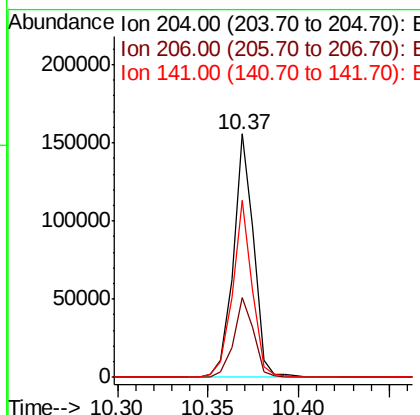
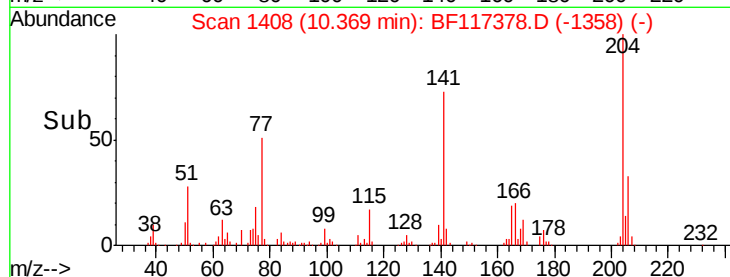
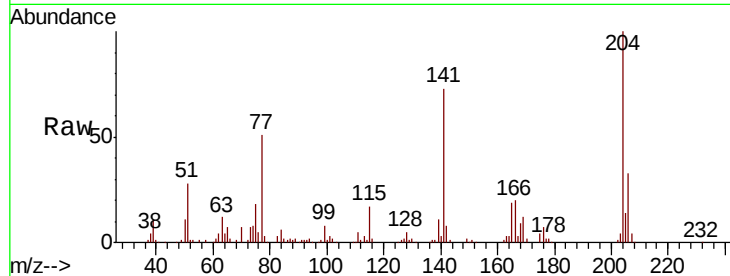
#61
4-Chlorophenyl-phenylether
Concen: 43.288 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BF117378.D
Acq: 12 Oct 2019 19:43

Instrument :
BNA_F
ClientSampleId :
HD-01-100919MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.0	39.0
141	72.5	58.2	87.2

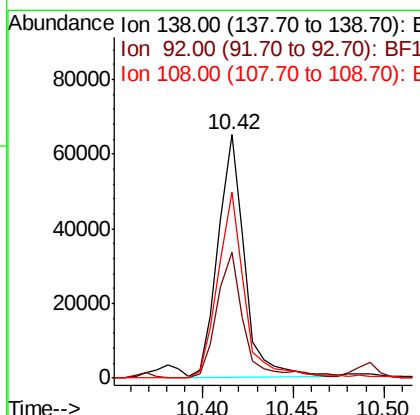
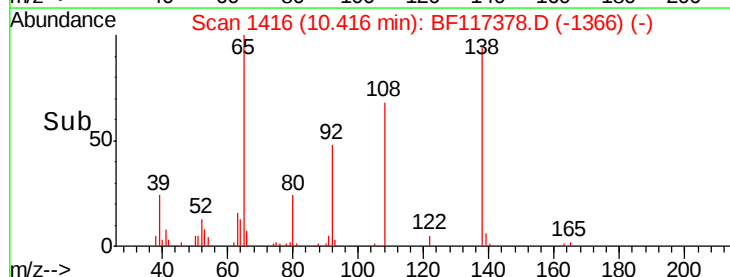
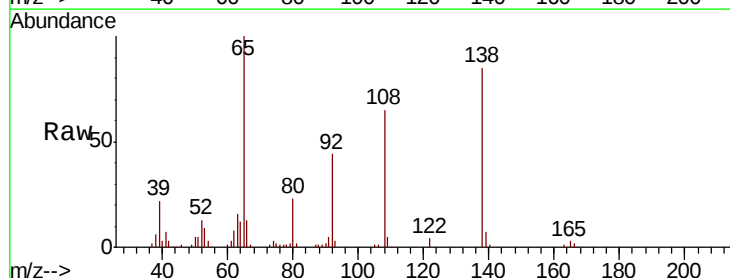
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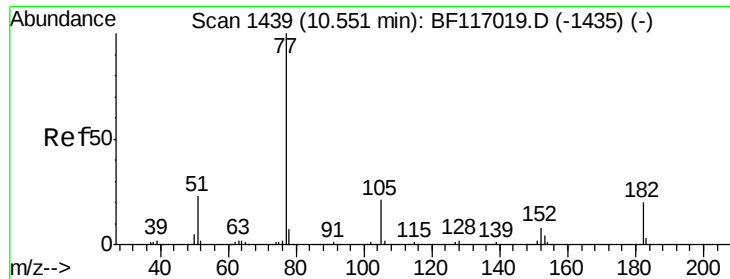
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#62
4-Nitroaniline
Concen: 34.900 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF117378.D
Acq: 12 Oct 2019 19:43

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.7	32.9	72.9
108	76.5	58.3	98.3





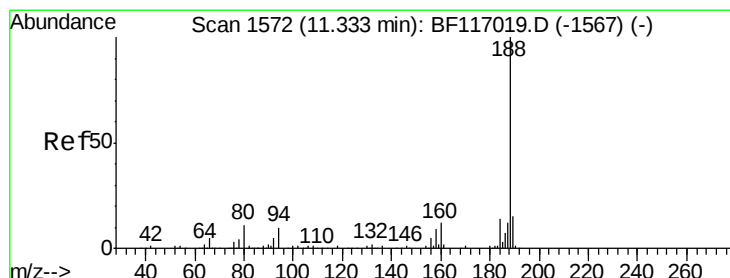
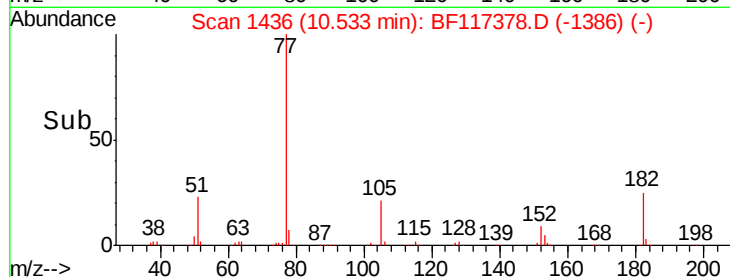
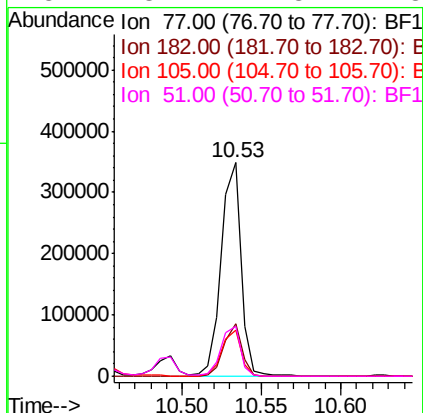
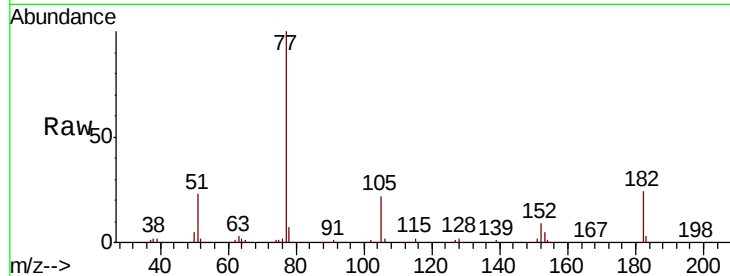
#63
Azobenzene
Concen: 42.744 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF117378.D
Acq: 12 Oct 2019 19:43

Instrument :
BNA_F
ClientSampleId :
HD-01-100919MS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	24.5	0.4	40.4	
105	21.8	0.9	40.9	
51	23.2	2.8	42.8	

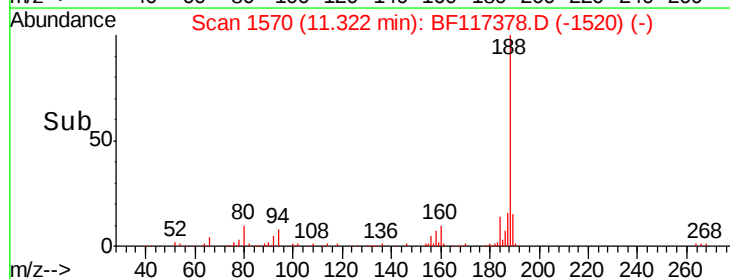
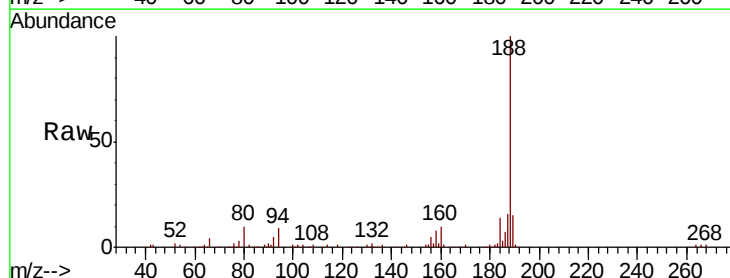
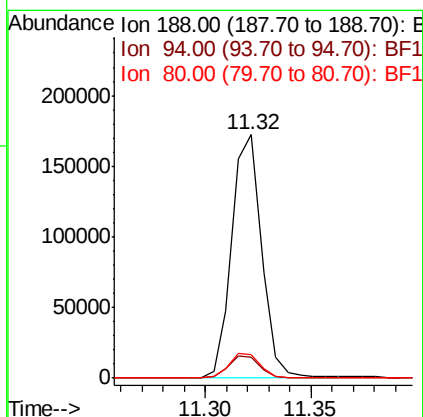
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF117378.D
Acq: 12 Oct 2019 19:43

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.6	8.2	12.2	
80	9.9	9.0	13.6	





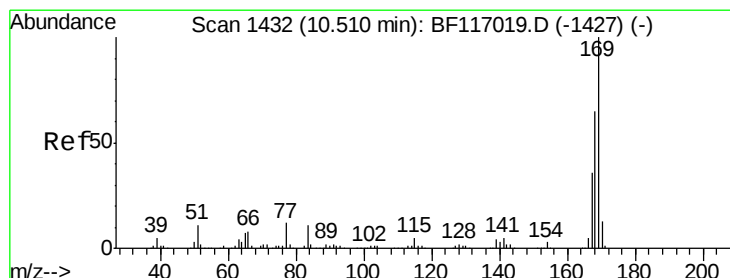
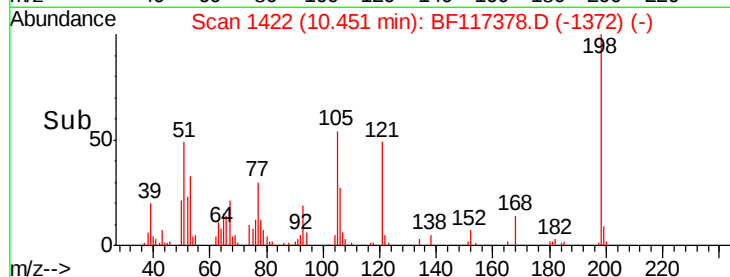
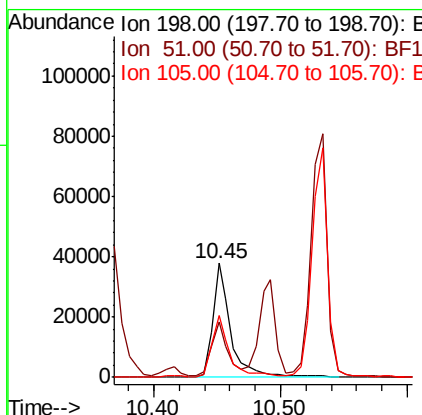
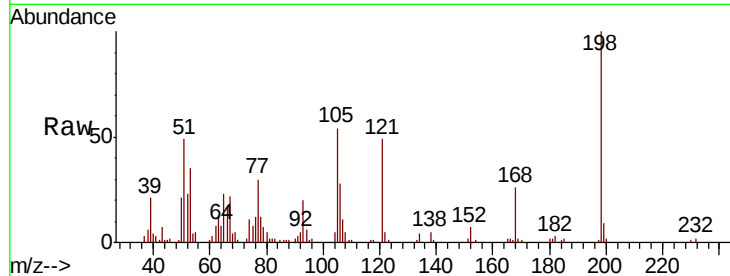
#65
4,6-Dinitro-2-methylphenol
Concen: 48.860 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF117378.D
Acq: 12 Oct 2019 19:43

Instrument :
BNA_F
ClientSampleId :
HD-01-100919MS

Tot Ion	Ratio	Lower	Upper
198	100		
51	48.6	18.7	58.7
105	54.3	30.2	70.2

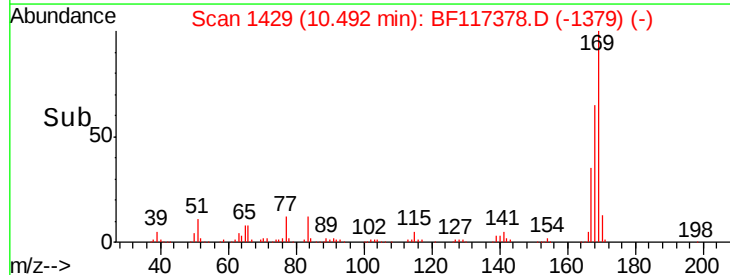
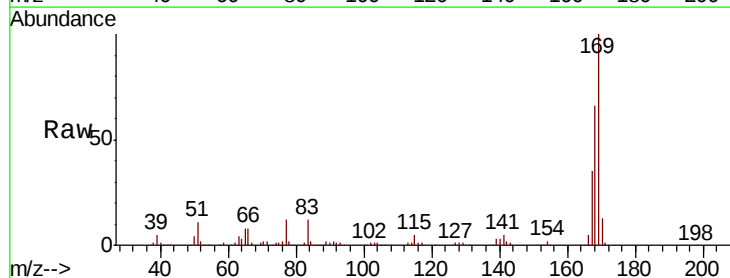
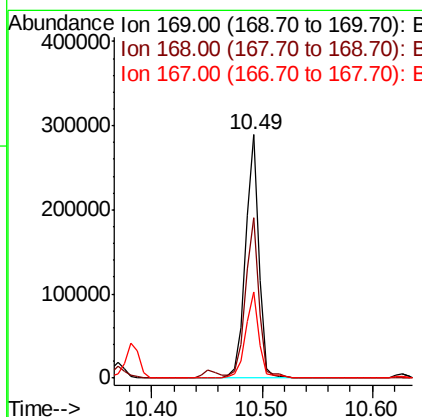
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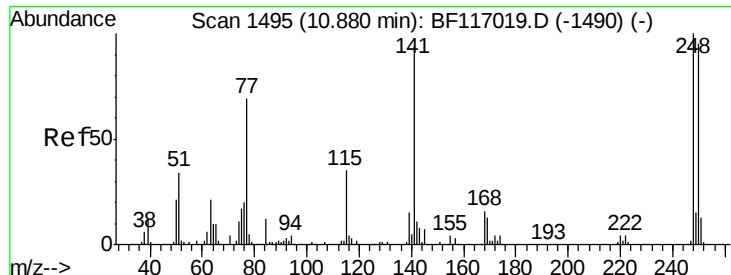
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#66
n-Nitrosodiphenylamine
Concen: 42.284 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BF117378.D
Acq: 12 Oct 2019 19:43

Tgt Ion	Ratio	Lower	Upper
169	100		
168	65.7	52.2	78.2
167	35.3	28.8	43.2





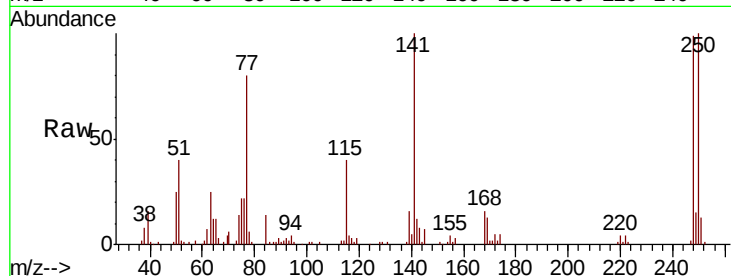
#67
 4-Bromophenyl-phenylether
 Concen: 39.511 ng
 RT: 10.86 min Scan# 1491
 Delta R.T. -0.01 min
 Lab File: BF117378.D
 Acq: 12 Oct 2019 19:43

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-100919MS

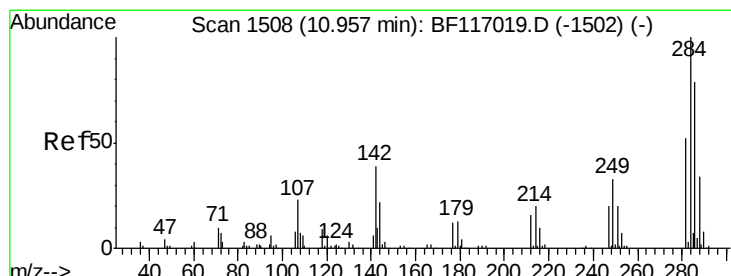
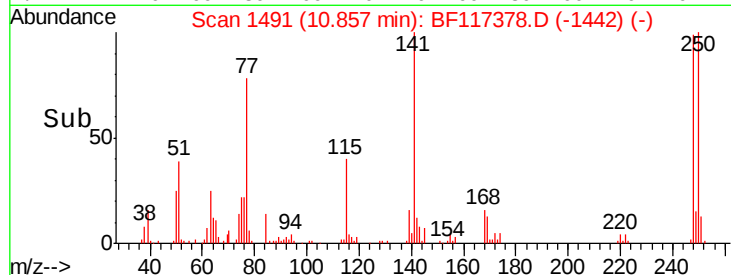
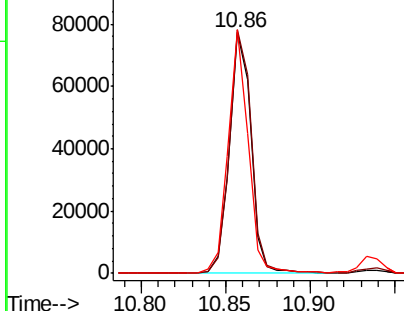
Tot Ion	Ratio	Lower	Upper
248	100		
250	101.0	76.2	114.4
141	100.9	75.0	112.4

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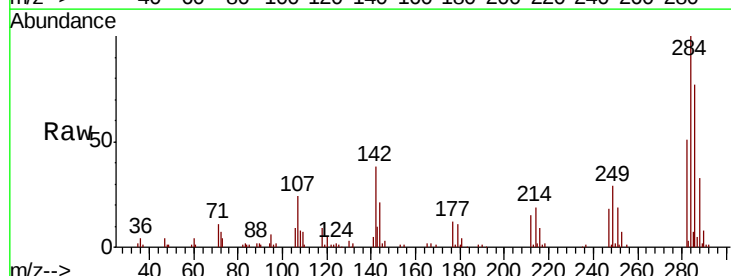


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

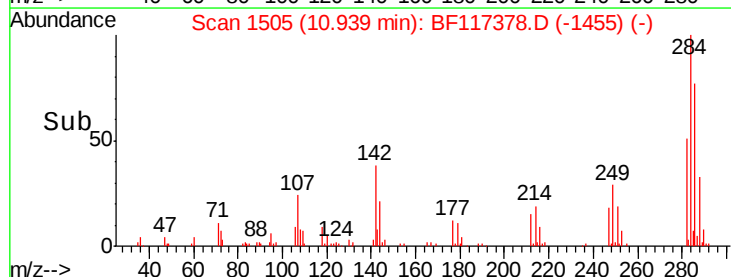
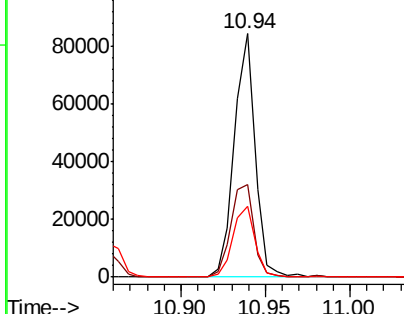


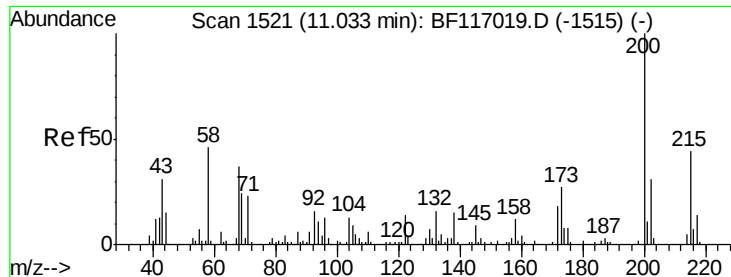
#68
 Hexachlorobenzene
 Concen: 38.412 ng
 RT: 10.94 min Scan# 1505
 Delta R.T. -0.01 min
 Lab File: BF117378.D
 Acq: 12 Oct 2019 19:43

Tgt Ion	Ratio	Lower	Upper
284	100		
142	38.1	31.4	47.2
249	29.0	26.5	39.7



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





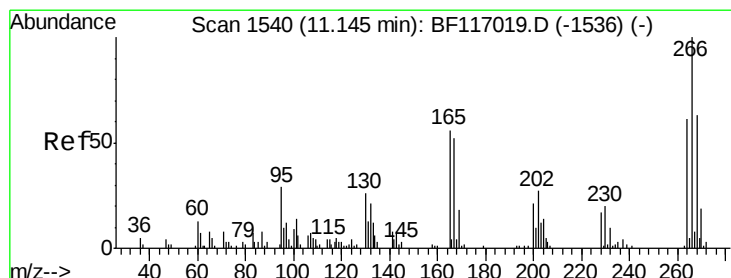
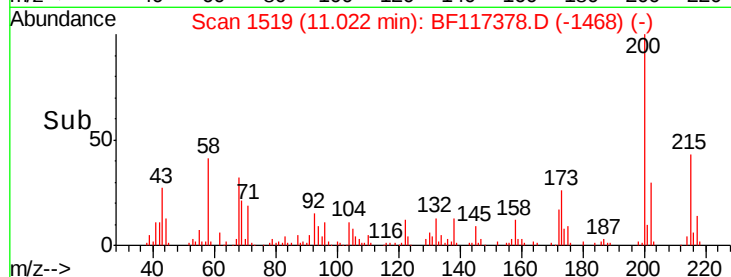
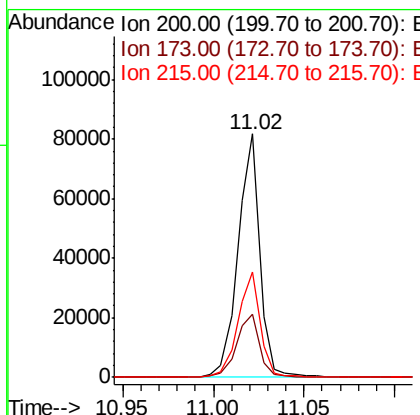
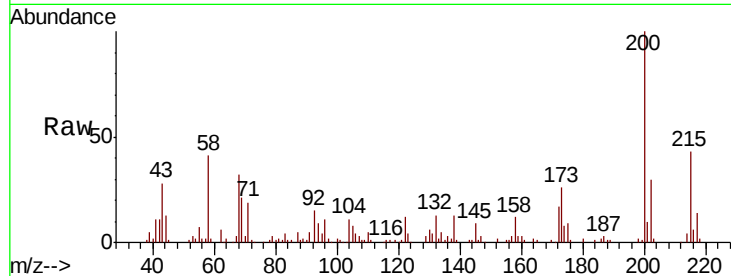
#69
 Atrazine
 Concen: 47.675 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. 0.00 min
 Lab File: BF117378.D
 Acq: 12 Oct 2019 19:43

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-100919MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.1	6.9	46.9
215	43.5	23.8	63.8

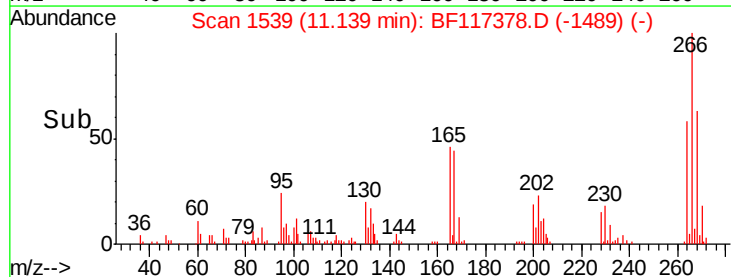
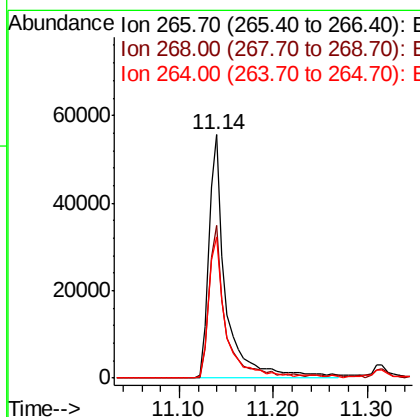
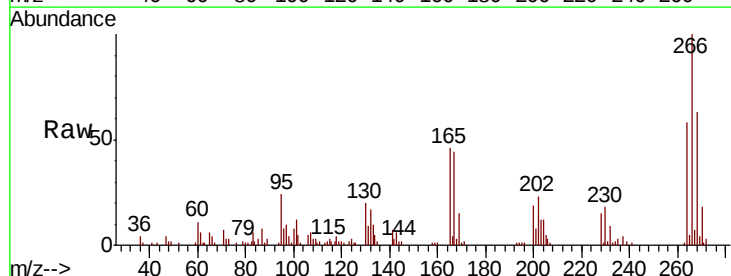
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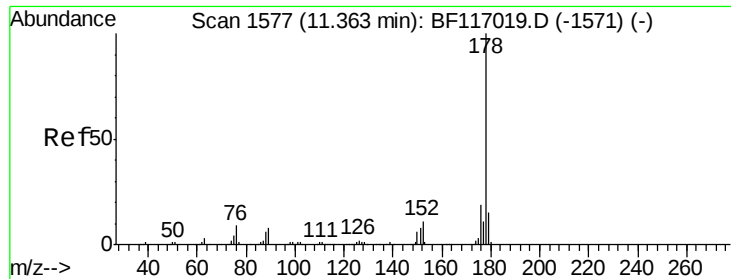
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#70
 Pentachlorophenol
 Concen: 79.779 ng
 RT: 11.14 min Scan# 1539
 Delta R.T. -0.01 min
 Lab File: BF117378.D
 Acq: 12 Oct 2019 19:43

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.6	50.5	75.7
264	58.0	48.8	73.2





#71

Phenanthrene

Concen: 41.809 ng

RT: 11.35 min Scan# 1574

Delta R.T. -0.01 min

Lab File: BF117378.D

Acq: 12 Oct 2019 19:43

Instrument :

BNA_F

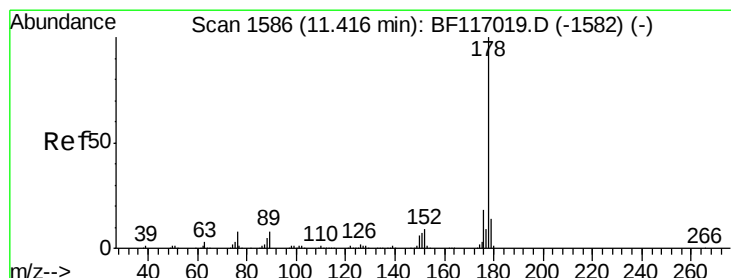
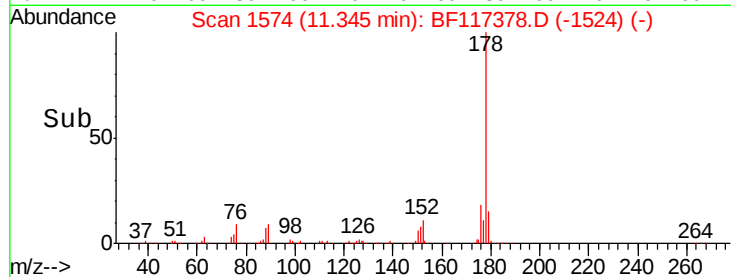
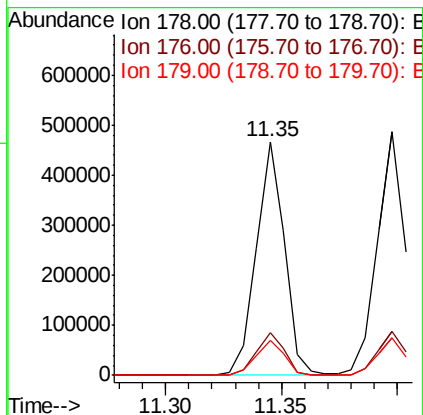
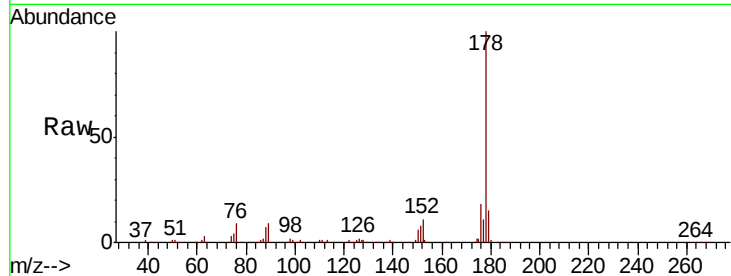
ClientSampleId :

HD-01-100919MS

Tot Ion:178	Resp:	401376
Ion Ratio	Lower	Upper
178	100	
176	18.3	15.4 23.2
179	15.2	12.4 18.6

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#72

Anthracene

Concen: 43.087 ng

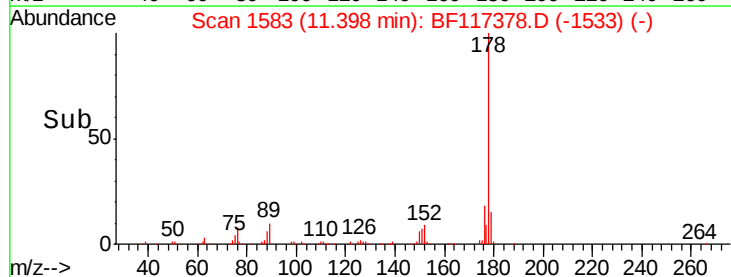
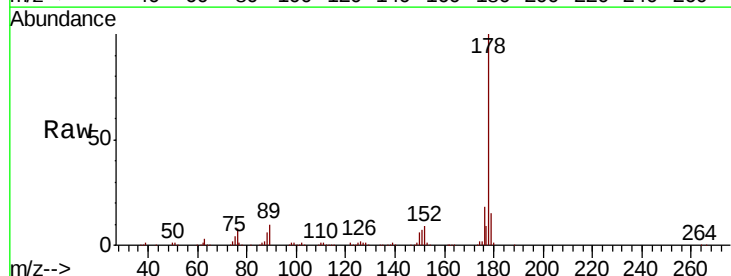
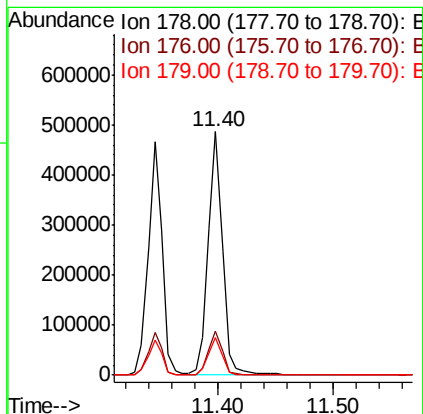
RT: 11.40 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BF117378.D

Acq: 12 Oct 2019 19:43

Tgt Ion:178	Resp:	422307
Ion Ratio	Lower	Upper
178	100	
176	18.3	14.6 21.8
179	15.2	11.6 17.4





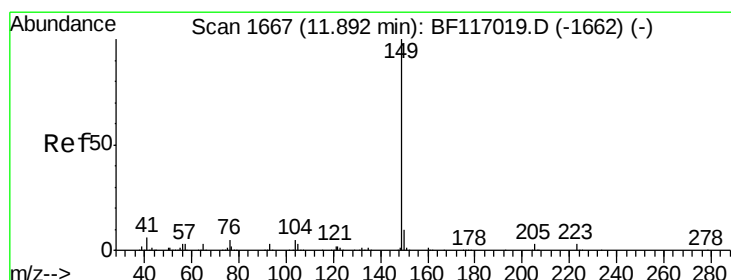
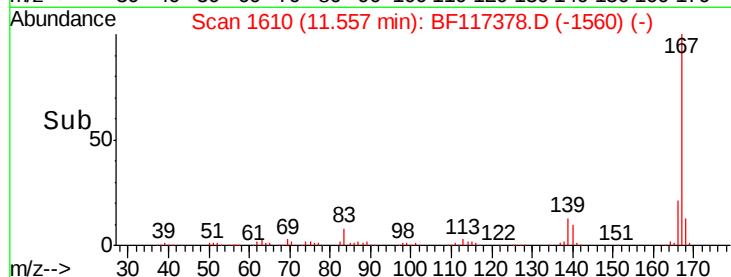
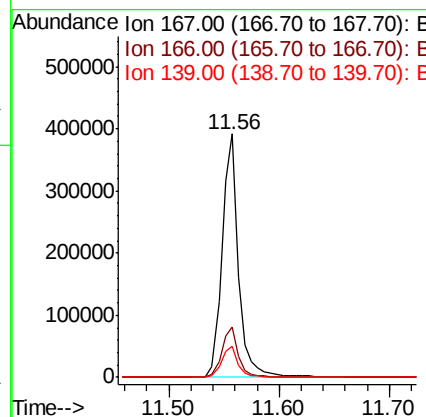
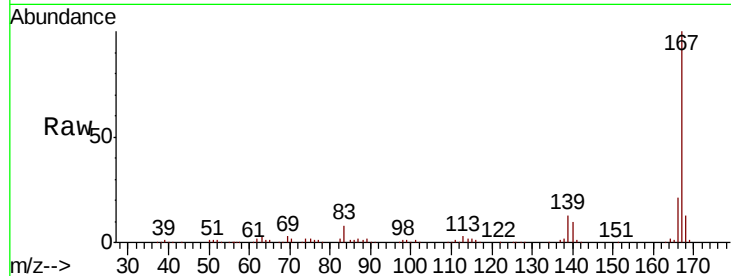
#73
 Carbazole
 Concen: 43.357 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. -0.01 min
 Lab File: BF117378.D
 Acq: 12 Oct 2019 19:43

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-100919MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	20.5	17.2	25.8
139	12.6	10.6	16.0

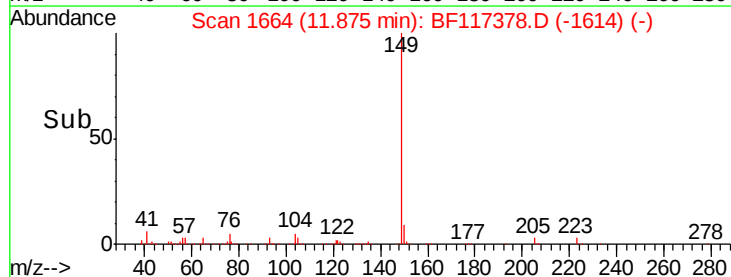
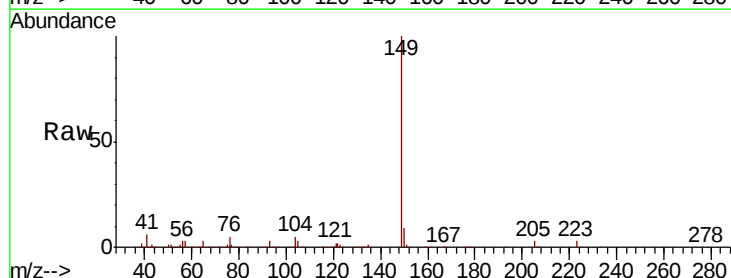
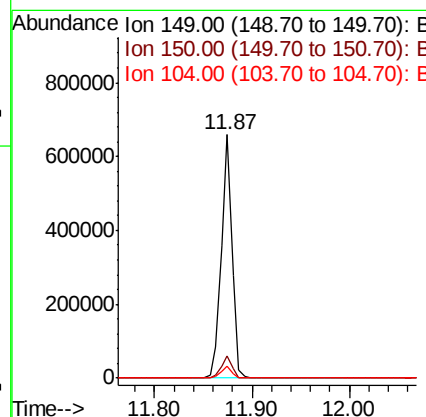
Manual Integrations
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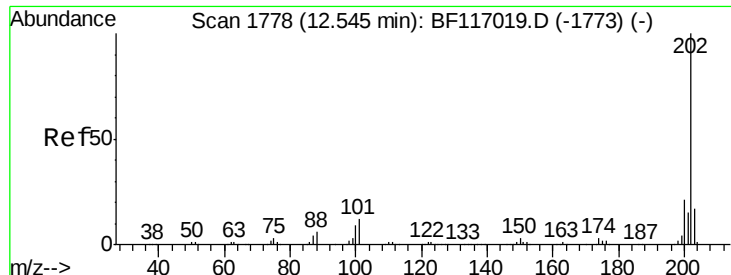
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 10/16/2019 8:05:53 AM



#74
 Di-n-butylphthalate
 Concen: 45.625 ng
 RT: 11.87 min Scan# 1664
 Delta R.T. -0.01 min
 Lab File: BF117378.D
 Acq: 12 Oct 2019 19:43

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.7	11.5
104	5.1	4.2	6.4





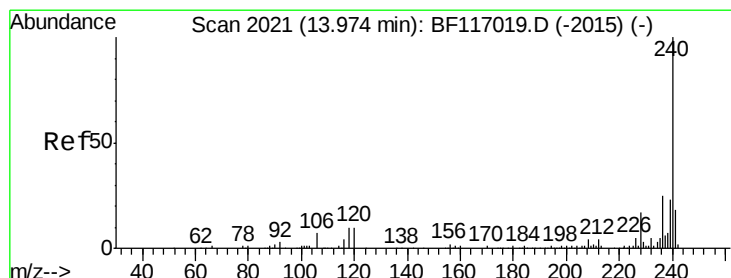
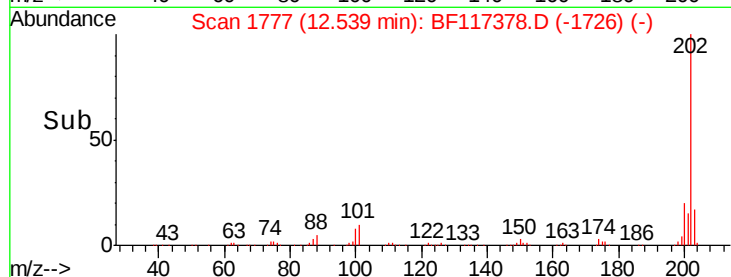
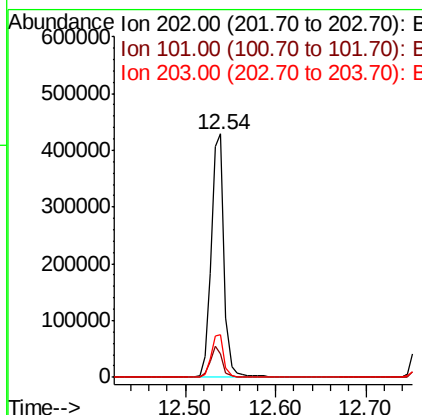
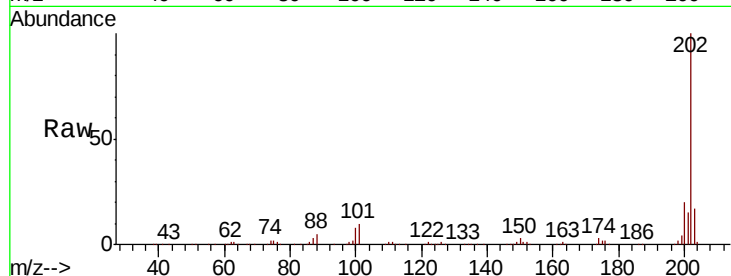
#75
 Fluoranthene
 Concen: 43.543 ng
 RT: 12.54 min Scan# 1777
 Delta R.T. 0.00 min
 Lab File: BF117378.D
 Acq: 12 Oct 2019 19:43

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-100919MS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.8	0.0	32.3
203	17.4	0.0	37.1

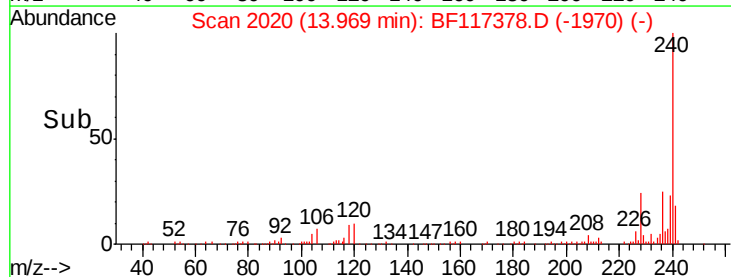
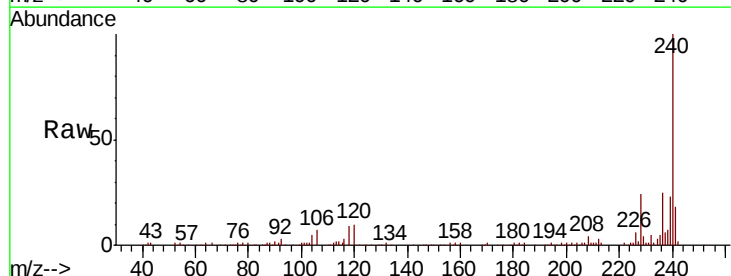
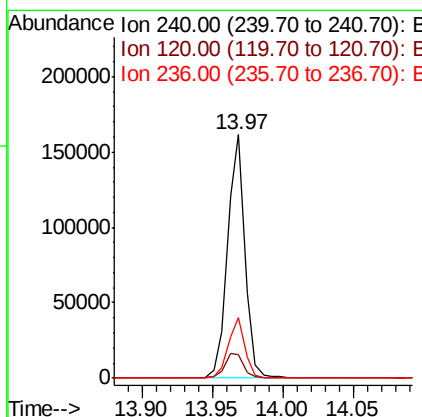
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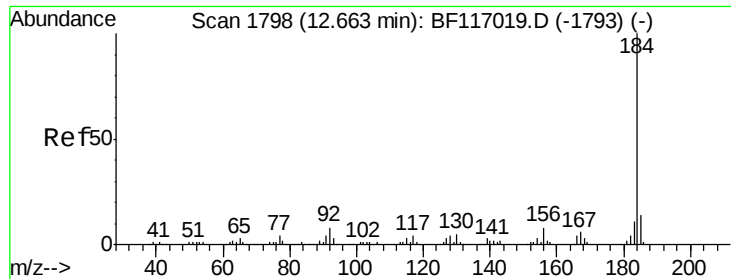
mohammad
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF117378.D
 Acq: 12 Oct 2019 19:43

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	9.8	8.3	12.5
236	25.0	20.3	30.5





#77

Benzidine

Concen: 3.194 ng/mL

RT: 12.66 min Scan# 1798

Delta R.T. 0.00 min

Lab File: BF117378.D

Acq: 12 Oct 2019 19:43

Instrument :

BNA_F

ClientSampleId :

HD-01-100919MS

Tot Ion:184 Resp: 14196

Ion Ratio Lower Upper

184 100

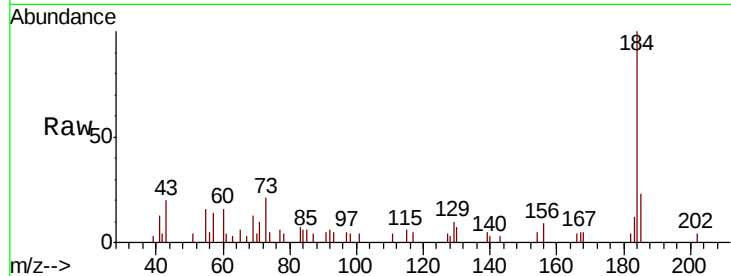
185 23.4 11.6 17.4#

183 11.9 9.0 13.4

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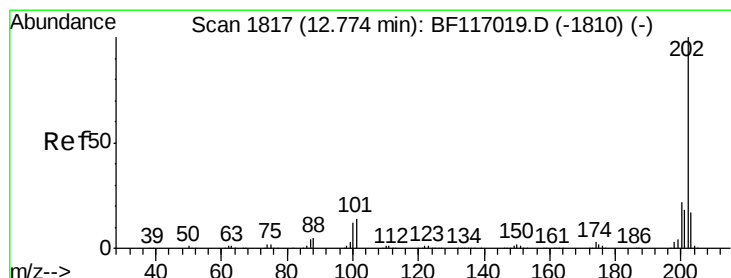
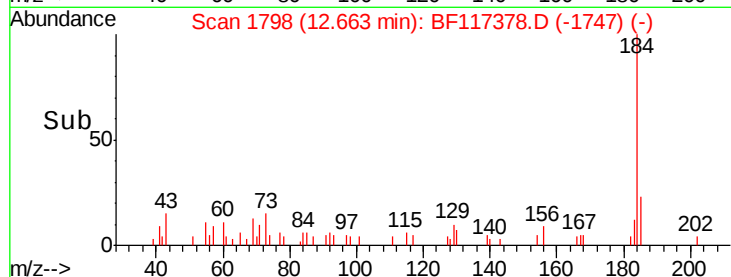
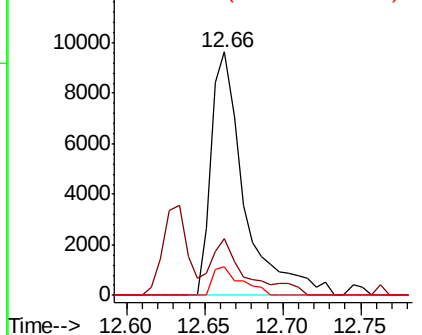
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 38.392 ng/mL

RT: 12.77 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BF117378.D

Acq: 12 Oct 2019 19:43

Tgt Ion:202 Resp: 444414

Ion Ratio Lower Upper

202 100

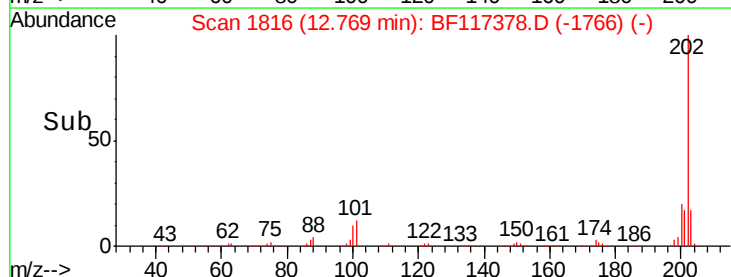
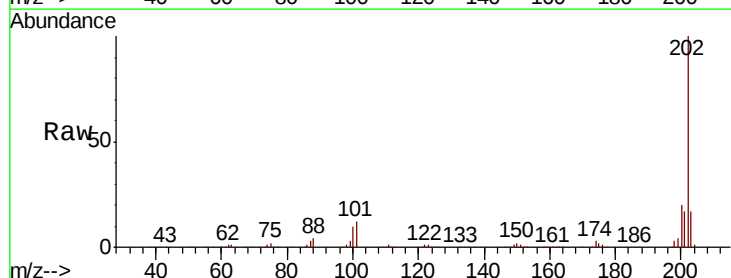
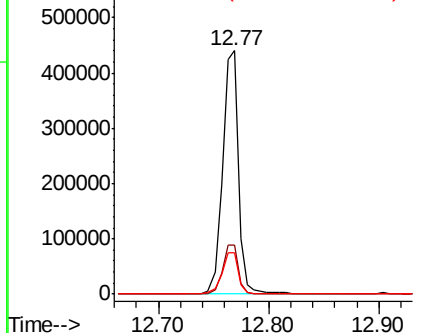
200 20.3 17.2 25.8

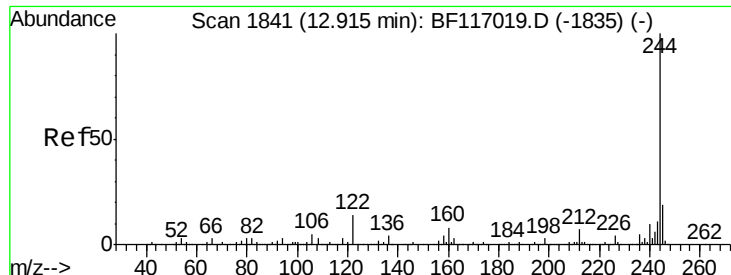
203 16.9 14.0 21.0

Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





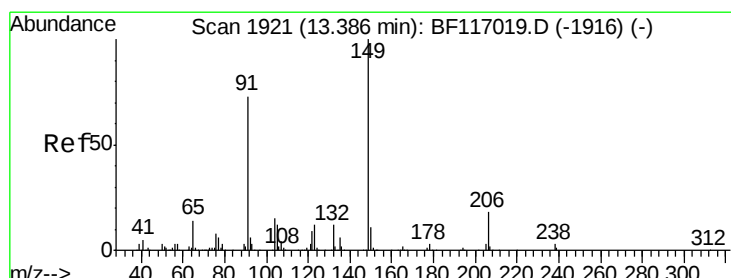
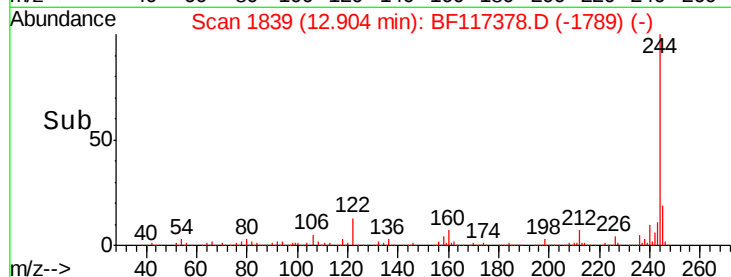
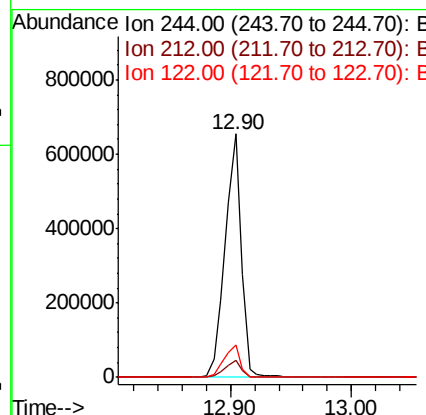
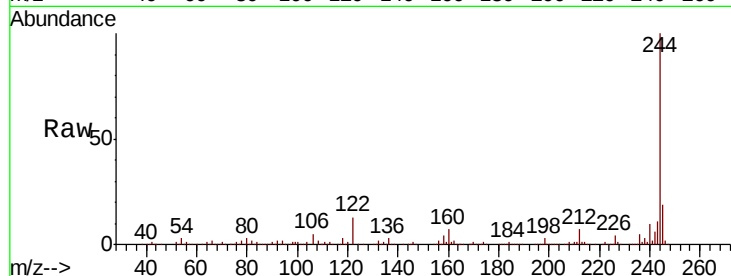
#79
 Terphenyl-d14
 Concen: 81.782 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. -0.01 min
 Lab File: BF117378.D
 Acq: 12 Oct 2019 19:43

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-100919MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	13.4	11.3	16.9

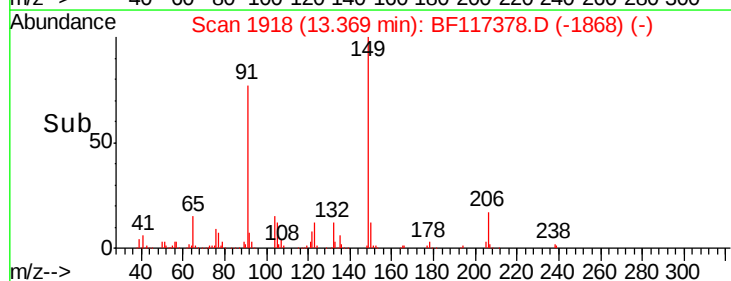
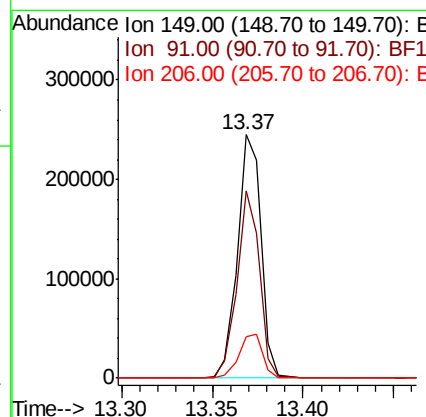
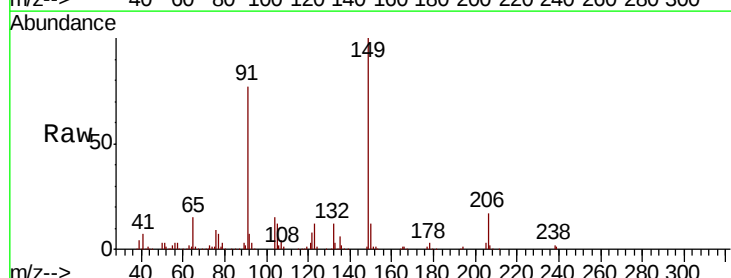
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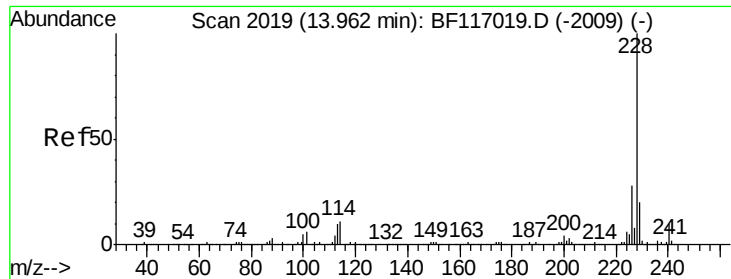
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#80
 Butylbenzylphthalate
 Concen: 40.608 ng
 RT: 13.37 min Scan# 1918
 Delta R.T. -0.01 min
 Lab File: BF117378.D
 Acq: 12 Oct 2019 19:43

Tgt Ion	Ratio	Lower	Upper
149	100		
91	76.8	58.8	88.2
206	17.1	14.1	21.1





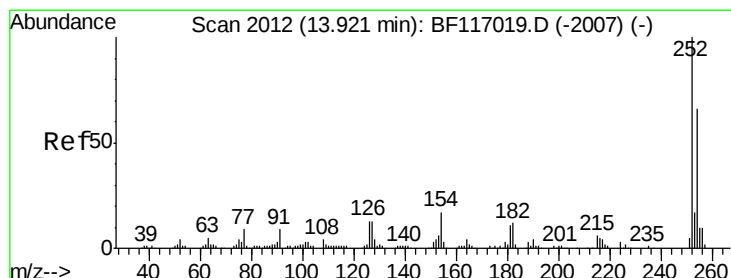
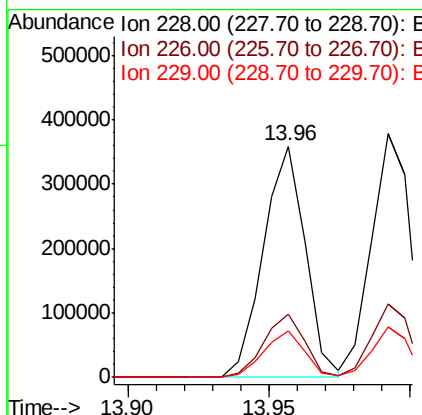
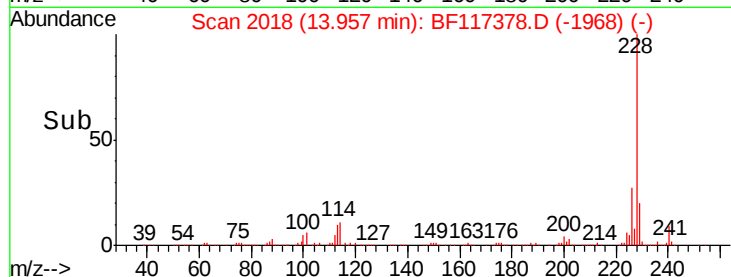
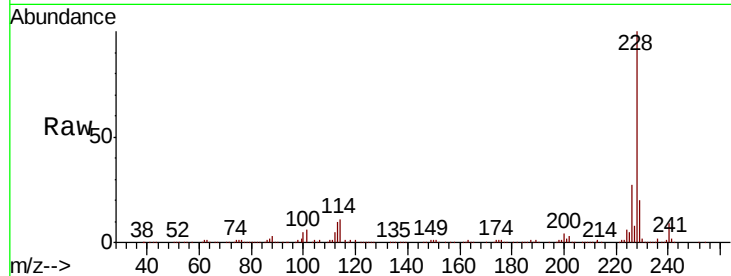
#81
Benzo(a)anthracene
Concen: 40.062 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF117378.D
Acq: 12 Oct 2019 19:43

Instrument :
BNA_F
ClientSampleId :
HD-01-100919MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.3	33.5
229	20.1	15.9	23.9

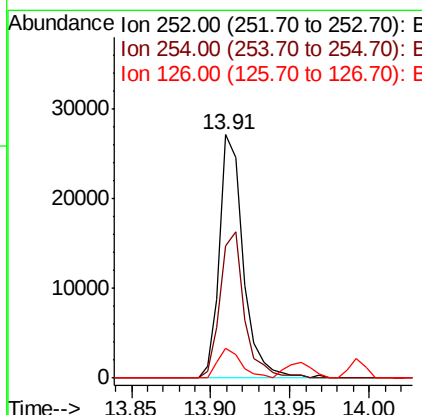
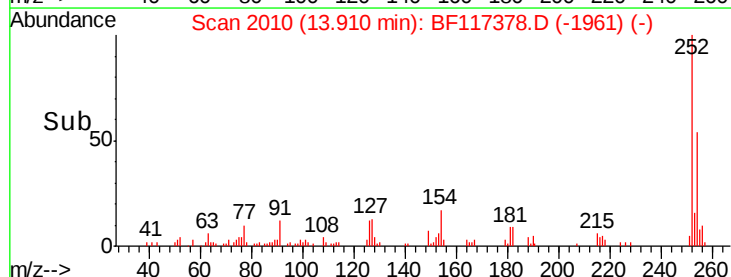
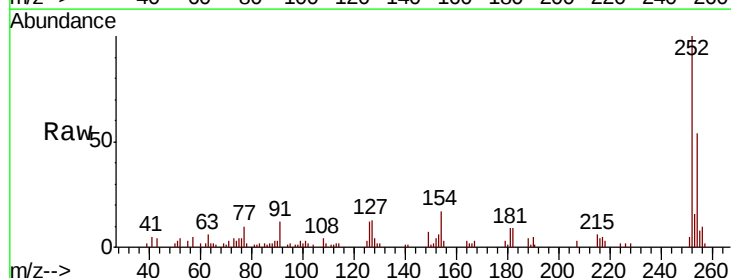
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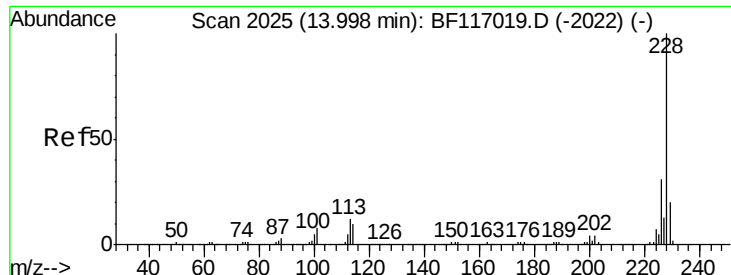
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#82
3,3'-Dichlorobenzidine
Concen: 9.573 ng
RT: 13.91 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BF117378.D
Acq: 12 Oct 2019 19:43

Tgt Ion	Ratio	Lower	Upper
252	100		
254	54.5	52.6	79.0
126	12.4	10.4	15.6





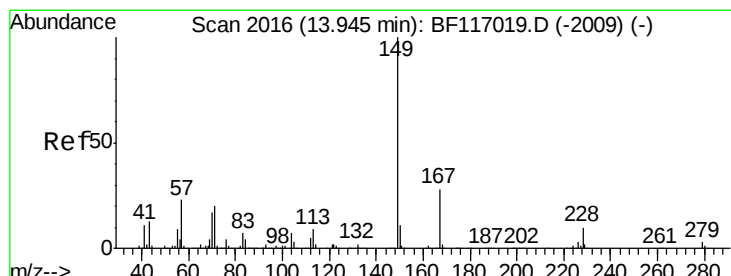
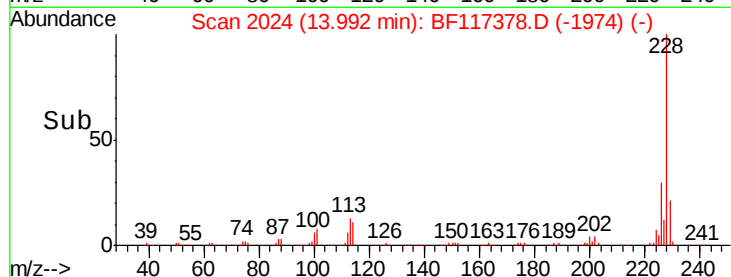
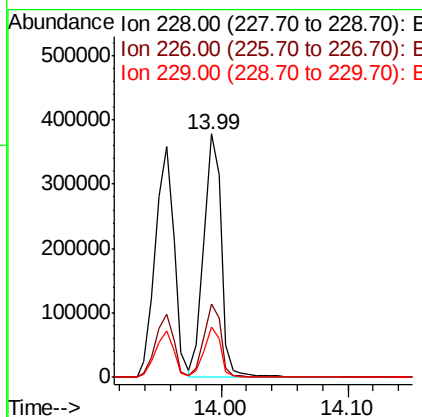
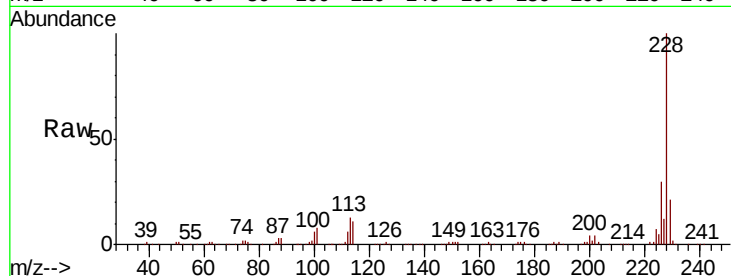
#83
 Chrysene
 Concen: 40.584 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BF117378.D
 Acq: 12 Oct 2019 19:43

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-100919MS

Tot Ion:	228	Resp:	364838
Ion Ratio	Lower	Upper	
228	100		
226	30.0	24.8	37.2
229	20.6	15.8	23.8

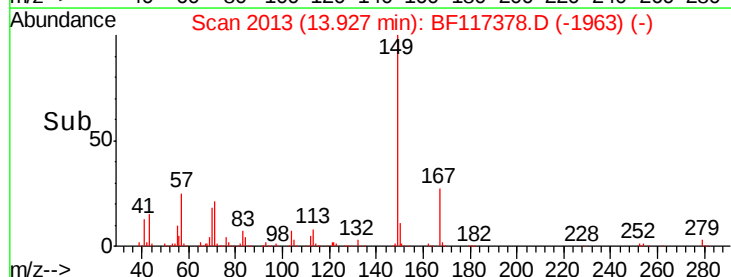
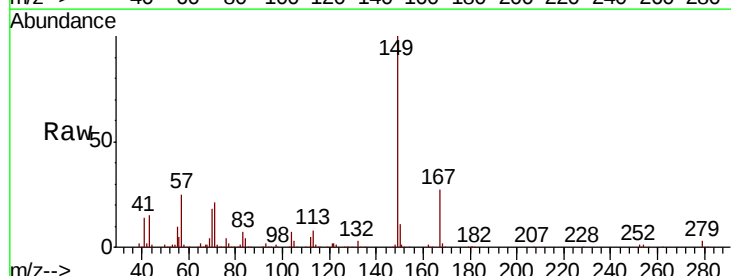
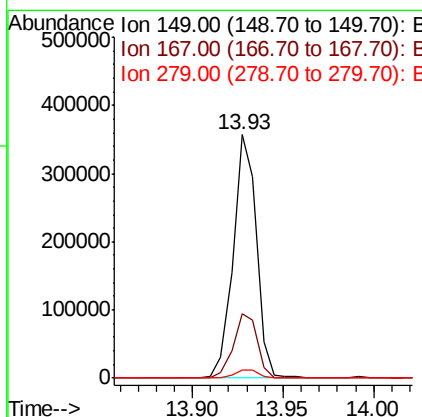
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 45.129 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. -0.01 min
 Lab File: BF117378.D
 Acq: 12 Oct 2019 19:43

Tgt Ion:	149	Resp:	318273
Ion Ratio	Lower	Upper	
149	100		
167	26.7	22.2	33.2
279	3.2	2.8	4.2





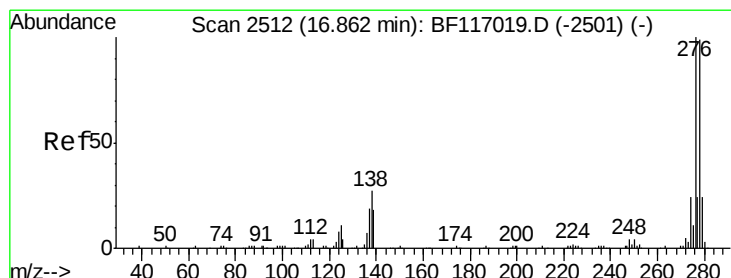
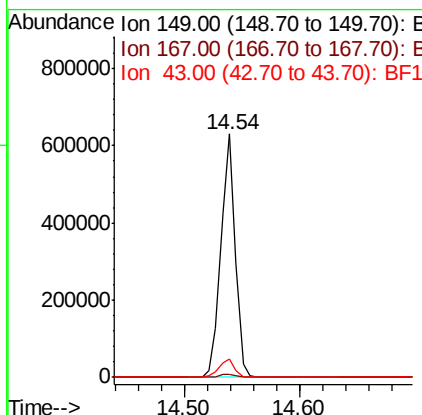
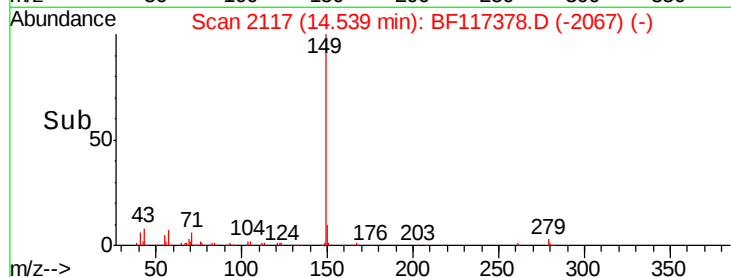
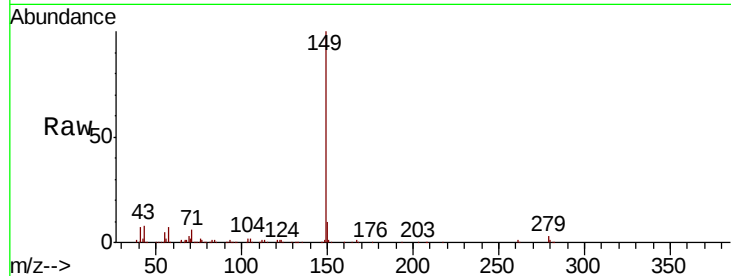
#85
Di-n-octyl phthalate
Concen: 49.037 ng
RT: 14.54 min Scan# 2117
Delta R.T. -0.01 min
Lab File: BF117378.D
Acq: 12 Oct 2019 19:43

Instrument :
BNA_F
ClientSampleId :
HD-01-100919MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	7.9	6.2	9.4

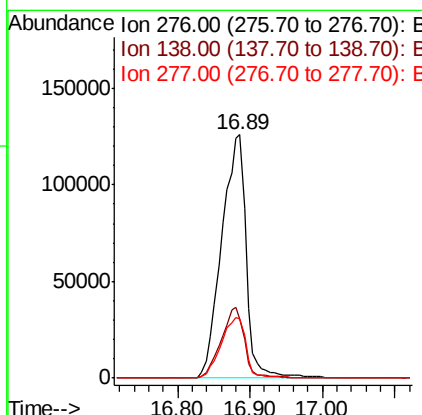
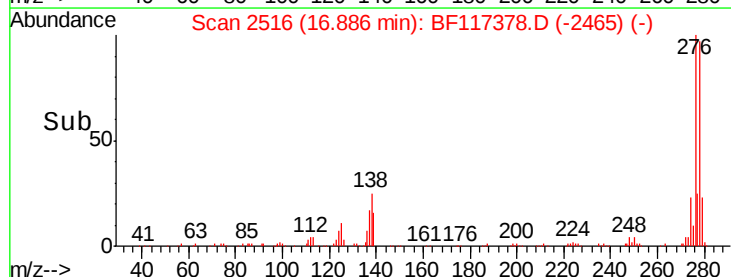
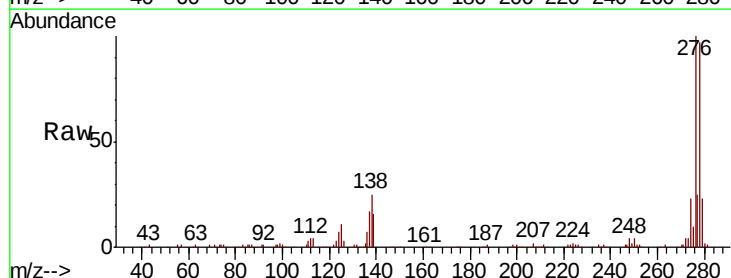
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#86
Indeno(1,2,3-cd)pyrene
Concen: 45.126 ng
RT: 16.89 min Scan# 2516
Delta R.T. 0.00 min
Lab File: BF117378.D
Acq: 12 Oct 2019 19:43

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.5	20.7	31.1
277	25.3	19.8	29.8





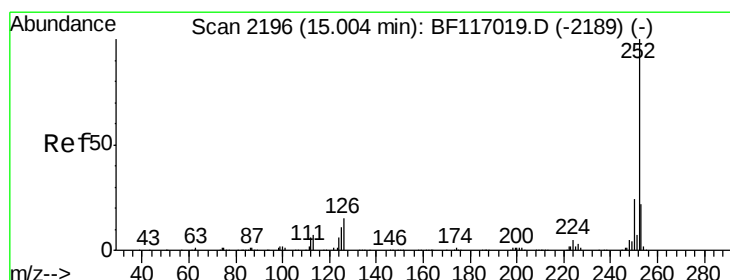
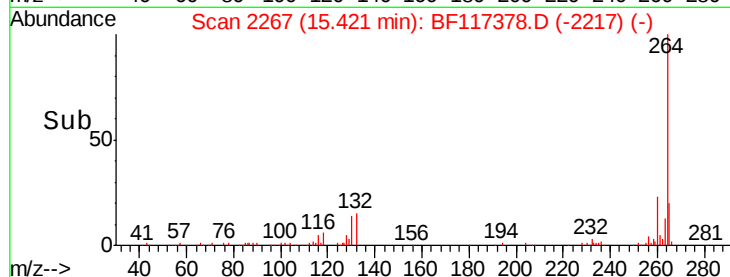
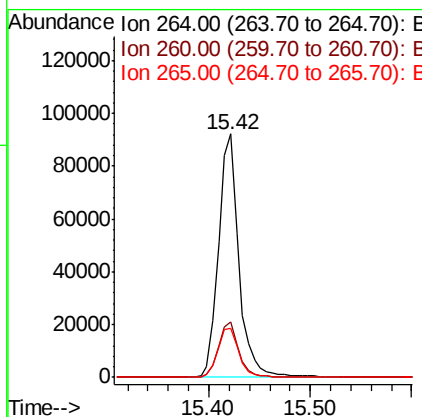
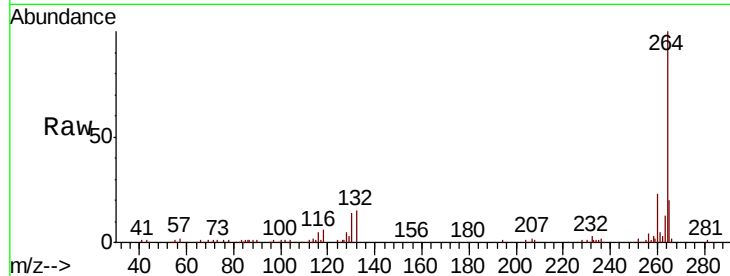
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.01 min
Lab File: BF117378.D
Acq: 12 Oct 2019 19:43

Instrument :
BNA_F
ClientSampleId :
HD-01-100919MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	17.6	26.4
265	20.2	16.6	24.8

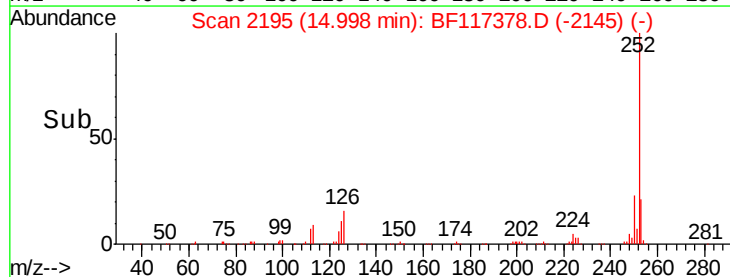
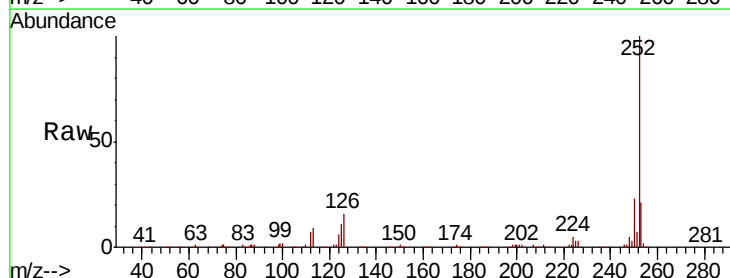
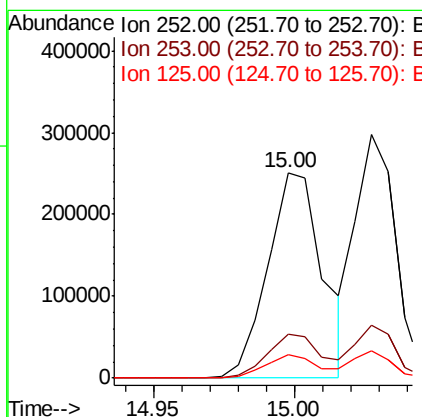
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#88
Benzo(b)fluoranthene
Concen: 43.684 ng
RT: 15.00 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BF117378.D
Acq: 12 Oct 2019 19:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.6	26.4
125	11.3	8.6	12.8





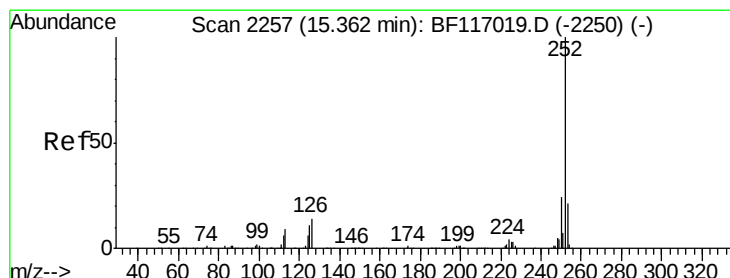
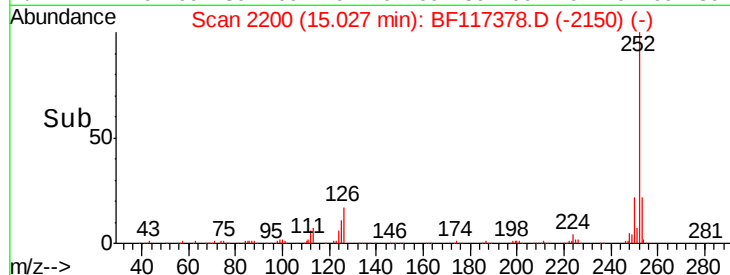
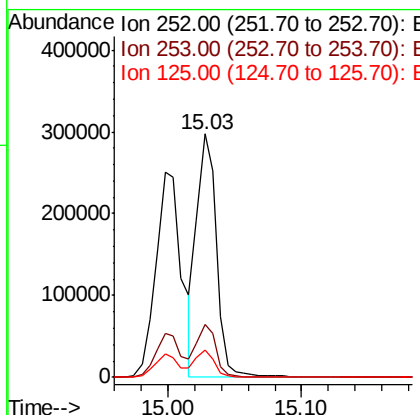
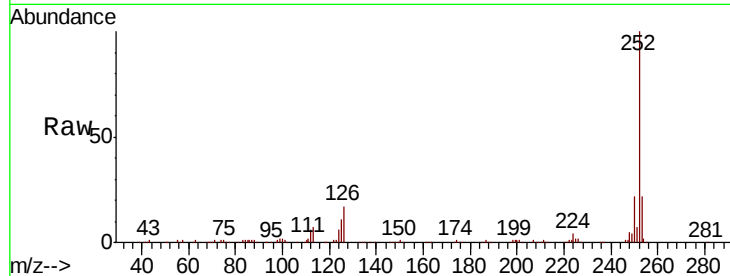
#89
Benzo(k)fluoranthene
Concen: 40.972 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF117378.D
Acq: 12 Oct 2019 19:43

Instrument :
BNA_F
ClientSampleId :
HD-01-100919MS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	301890		
253	21.5		17.4	26.2
125	11.2		8.8	13.2

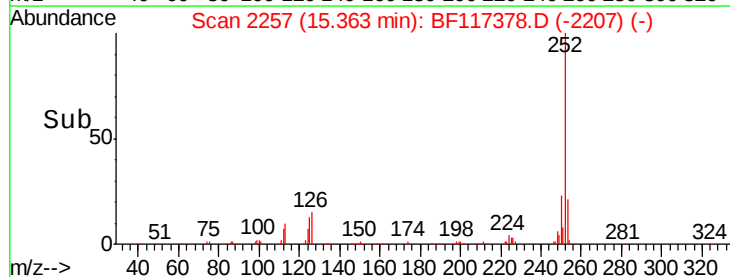
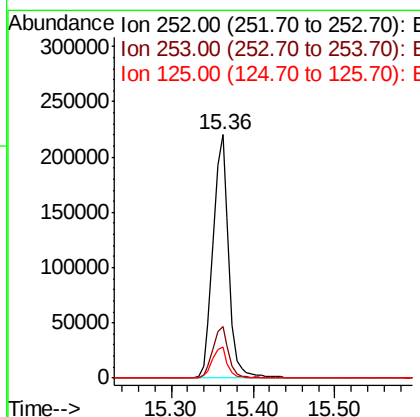
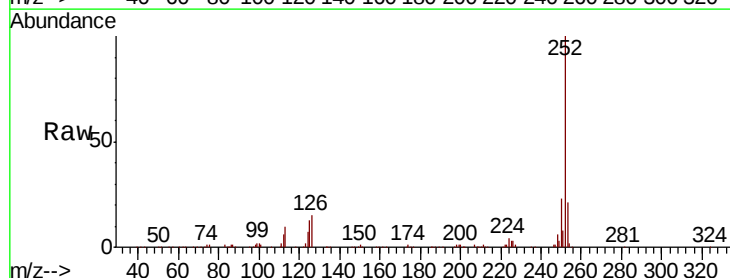
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#90
Benzo(a)pyrene
Concen: 43.370 ng
RT: 15.36 min Scan# 2257
Delta R.T. -0.01 min
Lab File: BF117378.D
Acq: 12 Oct 2019 19:43

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	296032		
253	21.4		16.6	25.0
125	12.6		8.9	13.3





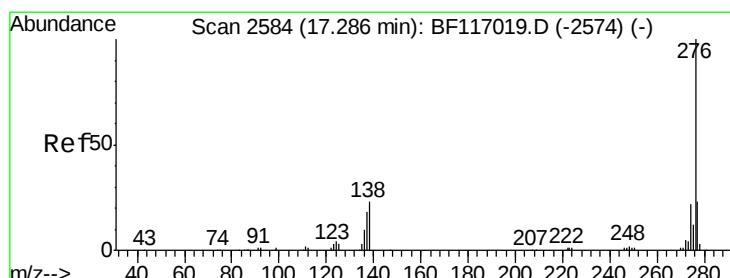
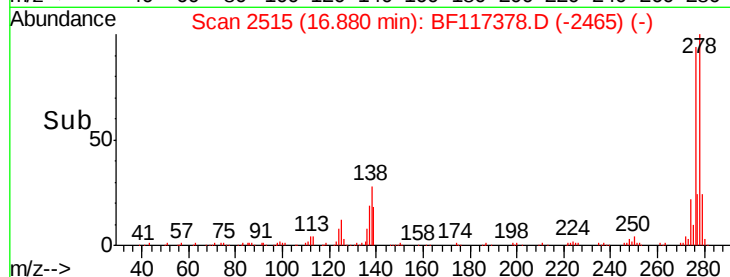
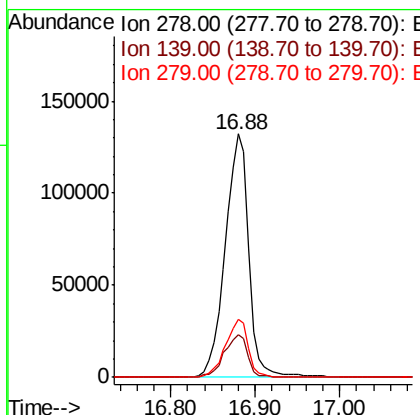
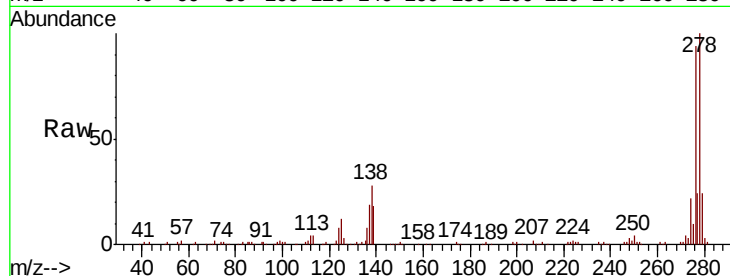
#91
Dibenzo(a,h)anthracene
Concen: 46.550 ng
RT: 16.88 min Scan# 2515
Delta R.T. -0.01 min
Lab File: BF117378.D
Acq: 12 Oct 2019 19:43

Instrument :
BNA_F
ClientSampleId :
HD-01-100919MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.8	13.5	20.3
279	24.1	18.8	28.2

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#92
Benzo(g,h,i)perylene
Concen: 44.006 ng
RT: 17.31 min Scan# 2588
Delta R.T. -0.01 min
Lab File: BF117378.D
Acq: 12 Oct 2019 19:43

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.0	18.6	27.8
138	22.2	18.0	27.0

