

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030620\
 Data File : BF119254.D
 Acq On : 6 Mar 2020 17:15
 Operator : CG/JU
 Sample : L1792-01MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3MS

Manual Integrations
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 3/9/2020 3:09:16 PM

Quant Time: Mar 07 01:34:33 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	113886	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	446057	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	247505	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	482627	20.00	ng	0.00
76) Chrysene-d12	13.89	240	373776	20.00	ng	0.00
87) Perylene-d12	15.31	264	366387	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	679737	99.75	ng	0.00
7) Phenol-d6	6.39	99	818261	98.73	ng	0.00
23) Nitrobenzene-d5	7.29	82	547458	64.80	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	305401	94.32	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1096516	65.27	ng	0.00
79) Terphenyl-d14	12.83	244	1502651	69.21	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.43	88	114370	37.694	ng	98
3) Pyridine	3.16	79	273185	32.968	ng	99
4) n-Nitrosodimethylamine	3.10	42	115557	46.035	ng	93
6) Aniline	6.39	93	254854	24.921	ng	91
8) 2-Chlorophenol	6.52	128	348429	47.377	ng	98
9) Benzaldehyde	6.27	77	257995	46.592	ng	98
10) Phenol	6.40	94	416270	46.455	ng	85
11) bis(2-Chloroethyl)ether	6.46	93	308866	45.049	ng	96
12) 1,3-Dichlorobenzene	6.66	146	375666	42.618	ng	97
13) 1,4-Dichlorobenzene	6.74	146	383500	43.477	ng	99
14) 1,2-Dichlorobenzene	6.89	146	357710	44.466	ng	98
15) Benzyl Alcohol	6.88	79	288609	48.182	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	249354	41.984	ng	# 42
17) 2-Methylphenol	7.00	107	275809	46.256	ng	94
18) Hexachloroethane	7.23	117	134775	42.708	ng	94
19) n-Nitroso-di-n-propylamine	7.15	70	233958	48.445	ng	97
20) 3+4-Methylphenols	7.16	107	368982	50.511	ng	# 86
22) Acetophenone	7.14	105	465659	45.119	ng	# 95
24) Nitrobenzene	7.31	77	358516	42.914	ng	97
25) Isophorone	7.55	82	642409	43.785	ng	99
26) 2-Nitrophenol	7.63	139	193334	43.677	ng	97
27) 2,4-Dimethylphenol	7.67	122	280615	46.710	ng	98
28) bis(2-Chloroethoxy)methane	7.76	93	387116	40.537	ng	99
29) 2,4-Dichlorophenol	7.88	162	305504	43.197	ng	97
30) 1,2,4-Trichlorobenzene	7.95	180	336713	40.156	ng	96
31) Naphthalene	8.03	128	989041	42.754	ng	98
32) Benzoic acid	7.85	122	166747	39.426	ng	98
33) 4-Chloroaniline	8.09	127	119386	11.999	ng	97
34) Hexachlorobutadiene	8.15	225	204225	39.100	ng	99
35) Caprolactam	8.46	113	96871m	44.484	ng	
36) 4-Chloro-3-methylphenol	8.59	107	327166	45.710	ng	99
37) 2-Methylnaphthalene	8.72	142	682301	43.827	ng	98
38) 1-Methylnaphthalene	8.82	142	636699	43.487	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	338867	40.608	ng	99

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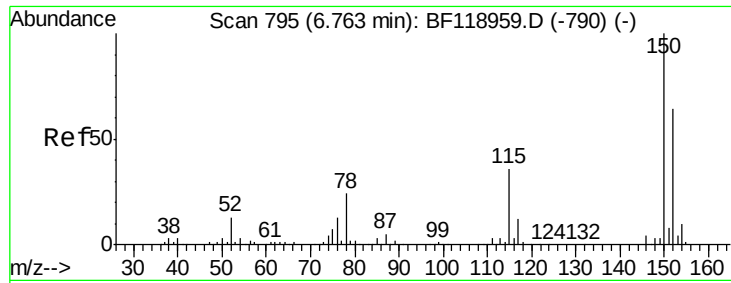
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	127482	46.435	nq	99
43) 2,4,6-Trichlorophenol	9.01	196	215148	40.827	nq	98
44) 2,4,5-Trichlorophenol	9.06	196	228452	41.313	nq	98
46) 1,1'-Biphenyl	9.18	154	830418	41.514	nq	98
47) 2-Chloronaphthalene	9.21	162	661723	41.050	nq	97
48) 2-Nitroaniline	9.32	65	195956	43.584	nq	95
49) Acenaphthylene	9.62	152	1016170	43.647	nq	100
50) Dimethylphthalate	9.49	163	903919	47.760	nq	99
51) 2,6-Dinitrotoluene	9.56	165	184733	43.933	nq	97
52) Acenaphthene	9.79	154	612015	43.595	nq	98
53) 3-Nitroaniline	9.73	138	82938	17.792	nq	100
54) 2,4-Dinitrophenol	9.85	184	142212	70.560	nq	98
55) Dibenzofuran	9.97	168	895305	42.727	nq	99
56) 4-Nitrophenol	9.92	139	181038	64.639	nq	99
57) 2,4-Dinitrotoluene	9.97	165	237494	43.575	nq	96
58) Fluorene	10.31	166	736212	45.215	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.10	232	200766	43.027	nq	98
60) Diethylphthalate	10.19	149	800606	44.888	nq	99
61) 4-Chlorophenyl-phenylether	10.30	204	379761	44.063	nq	99
62) 4-Nitroaniline	10.35	138	165214	34.641	nq	95
63) Azobenzene	10.46	77	717152	46.259	nq	95
65) 4,6-Dinitro-2-methylphenol	10.38	198	130583	44.713	nq	97
66) n-Nitrosodiphenylamine	10.42	169	671182	42.472	nq	99
67) 4-Bromophenyl-phenylether	10.79	248	252840	40.079	nq	96
68) Hexachlorobenzene	10.86	284	288941	39.726	nq	98
69) Atrazine	10.95	200	224400	40.642	nq	100
70) Pentachlorophenol	11.07	266	219028	74.756	nq	97
71) Phenanthrene	11.27	178	1111883	42.245	nq	98
72) Anthracene	11.32	178	1176287	44.729	nq	99
73) Carbazole	11.48	167	1032947	44.089	nq	99
74) Di-n-butylphthalate	11.80	149	1255522	44.252	nq	99
75) Fluoranthene	12.46	202	1237394	44.291	nq	98
77) Benzidine	12.58	184	384240	25.277	nq	99
78) Pyrene	12.69	202	1251731	41.705	nq	100
80) Butylbenzylphthalate	13.30	149	551979	43.697	nq	99
81) Benzo(a)anthracene	13.87	228	1131497	44.429	nq	99
82) 3,3'-Dichlorobenzidine	13.83	252	262495	26.543	nq	99
83) Chrysene	13.92	228	1075196	42.370	nq	99
84) Bis(2-ethylhexyl)phthalate	13.86	149	765382	47.960	nq	99
85) Di-n-octyl phthalate	14.46	149	1235645	48.596	nq	99
86) Indeno(1,2,3-cd)pyrene	16.72	276	1065527	43.364	nq	100
88) Benzo(b)fluoranthene	14.91	252	1095155	45.348	nq	99
89) Benzo(k)fluoranthene	14.93	252	950288	42.461	nq	99
90) Benzo(a)pyrene	15.26	252	921845	42.294	nq	98
91) Dibenzo(a,h)anthracene	16.72	278	895053	46.670	nq	100
92) Benzo(g,h,i)perylene	17.14	276	902466	47.626	nq	99

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



#1

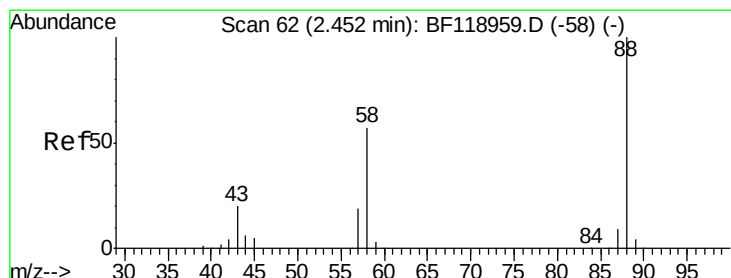
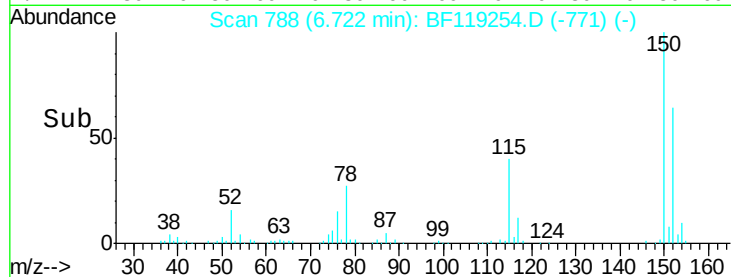
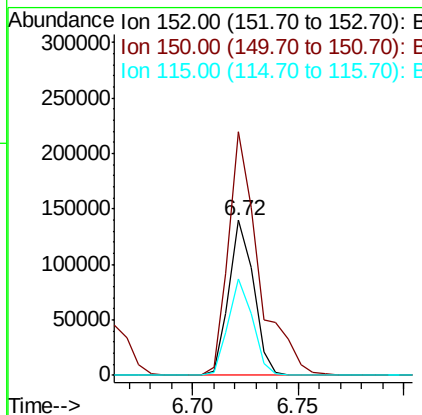
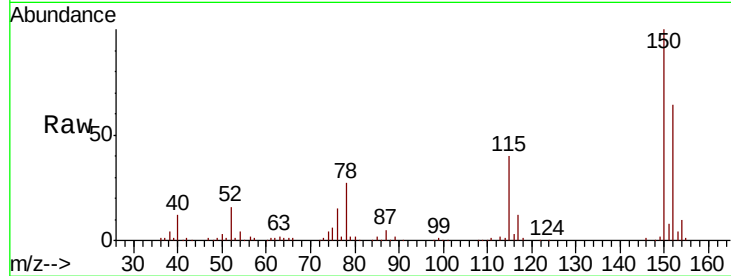
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF119254.D
Acq: 6 Mar 2020 17:15

Instrument :
BNA_F
ClientSampled :
TP-3MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	123.0	184.6
115	62.3	49.5	74.3

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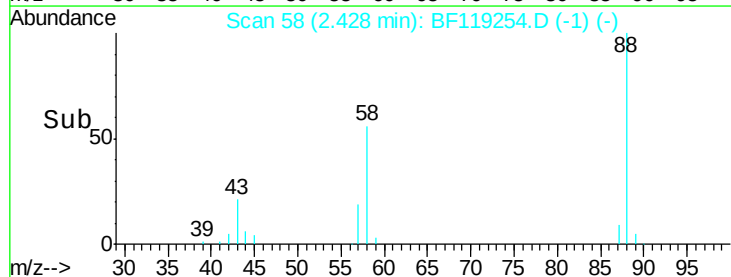
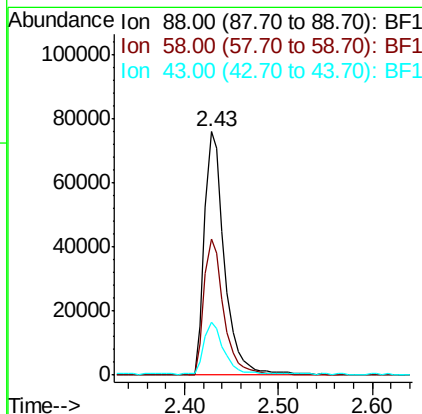
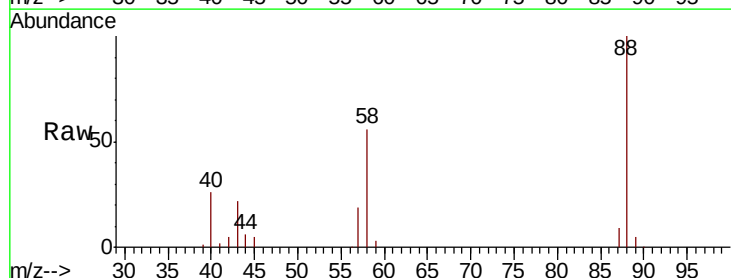
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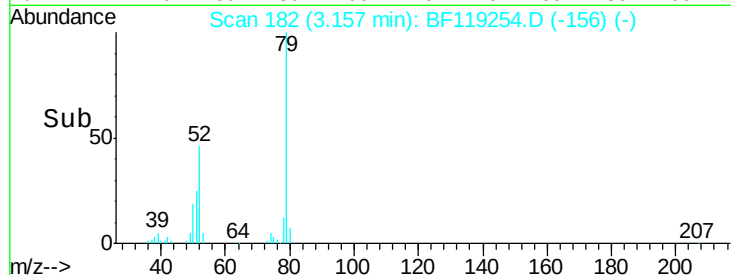
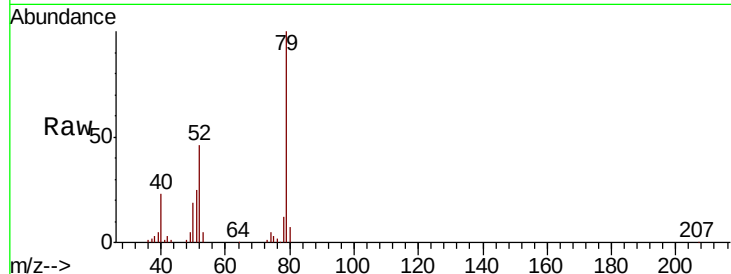
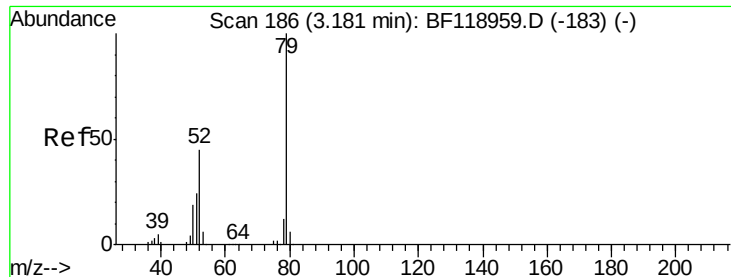


#2

1,4-Dioxane
Concen: 37.694 ng
RT: 2.43 min Scan# 58
Delta R.T. 0.05 min
Lab File: BF119254.D
Acq: 6 Mar 2020 17:15

Tgt Ion	Ratio	Lower	Upper
88	100		
58	55.3	43.8	65.6
43	23.3	16.2	24.4





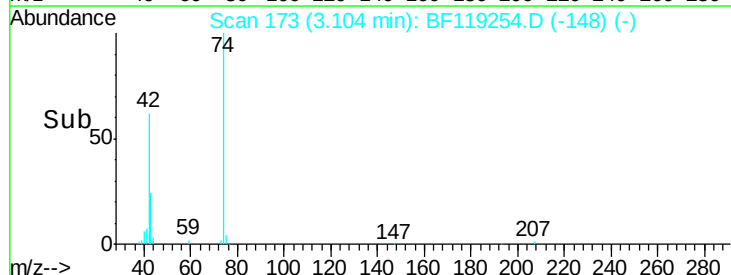
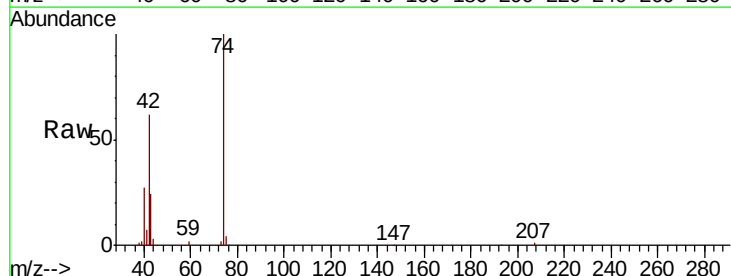
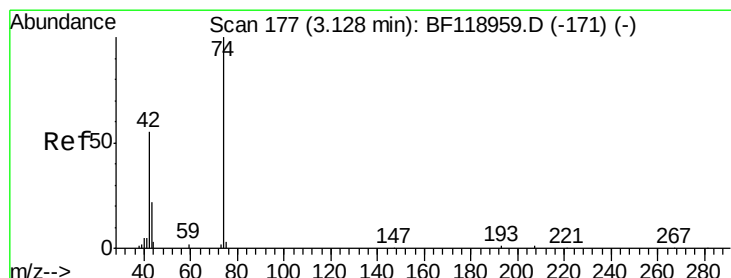
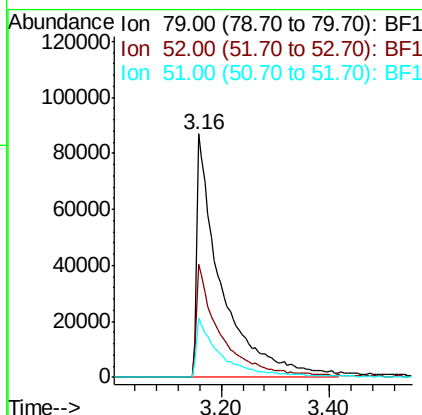
#3
 Pvridine
 Concen: 32.968 ng
 RT: 3.16 min Scan# 182
 Delta R.T. 0.05 min
 Lab File: BF119254.D
 Acq: 6 Mar 2020 17:15

Tot Ion:	79	Resp:	273185
Ion Ratio	Lower	Upper	
79	100		
52	46.2	37.4	56.0
51	24.6	19.8	29.6

Instrument :
 BNA_F
 ClientSampled :
 TP-3MS

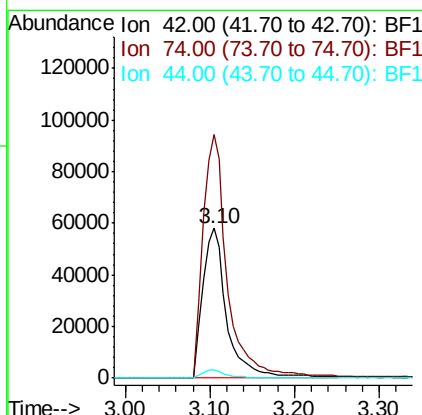
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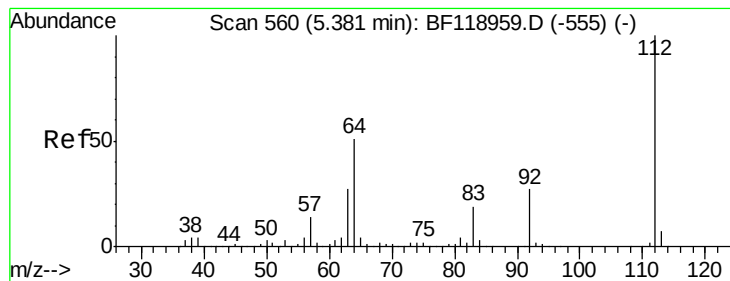
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#4
 n-Nitrosodimethylamine
 Concen: 46.035 ng
 RT: 3.10 min Scan# 173
 Delta R.T. 0.05 min
 Lab File: BF119254.D
 Acq: 6 Mar 2020 17:15

Tgt Ion:	42	Resp:	115557
Ion Ratio	Lower	Upper	
42	100		
74	162.2	137.7	206.5
44	5.5	4.5	6.7





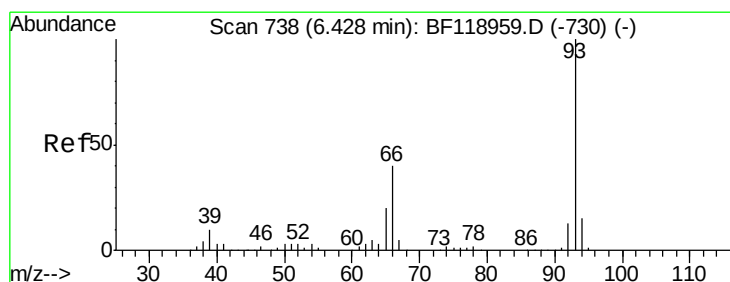
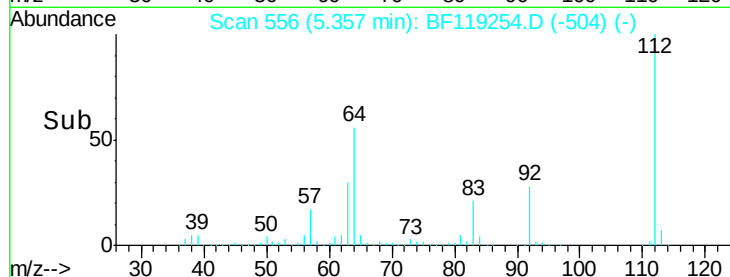
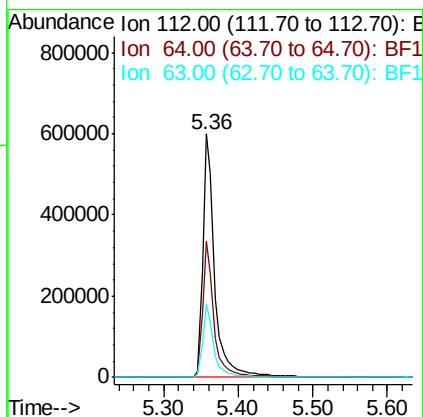
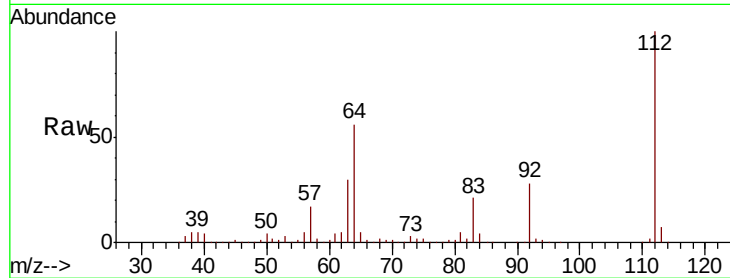
#5
2-Fluorophenol
Concen: 99.745 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF119254.D
Acq: 6 Mar 2020 17:15

Instrument :
BNA_F
ClientSampled :
TP-3MS

Tot Ion:	112	Resp:	679737
Ion Ratio	Lower	Upper	
112	100		
64	56.0	45.0	67.4
63	30.3	24.2	36.4

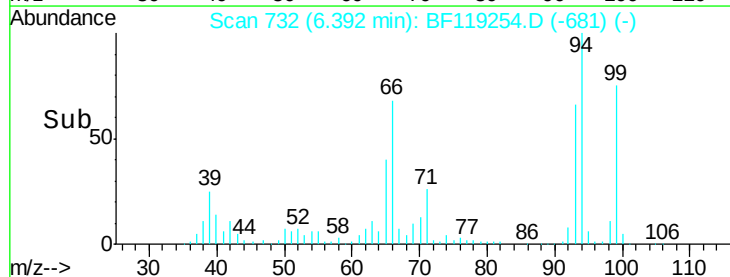
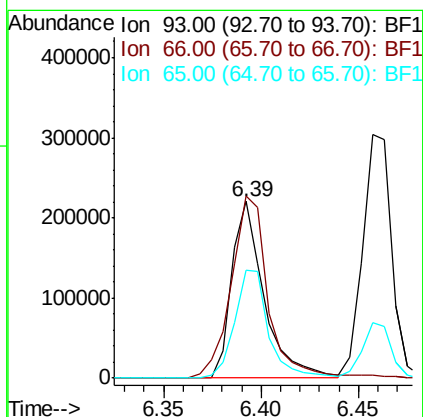
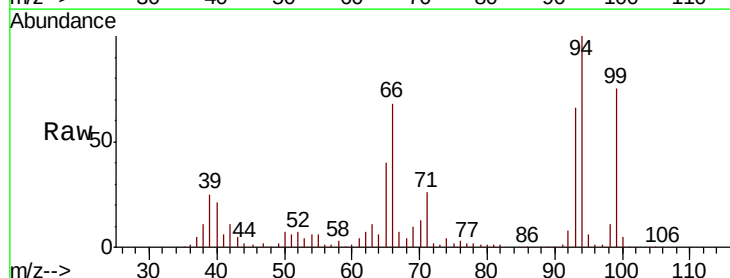
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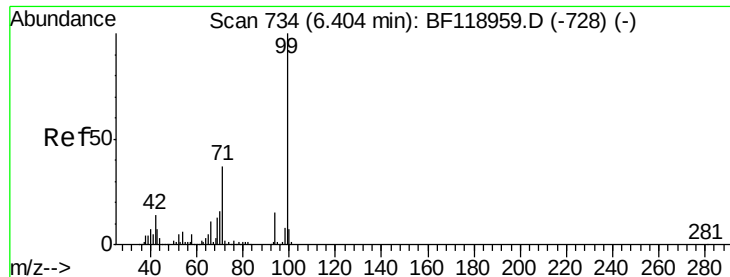
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#6
Aniline
Concen: 24.921 ng
RT: 6.39 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF119254.D
Acq: 6 Mar 2020 17:15

Tgt Ion:	93	Resp:	254854
Ion Ratio	Lower	Upper	
93	100		
66	103.2	74.5	111.7
65	60.9	45.3	67.9





#7

Phenol-d6

Concen: 98.729 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF119254.D

Acq: 6 Mar 2020 17:15

Instrument :

BNA_F

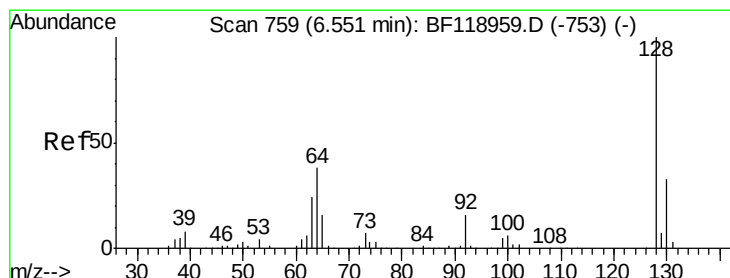
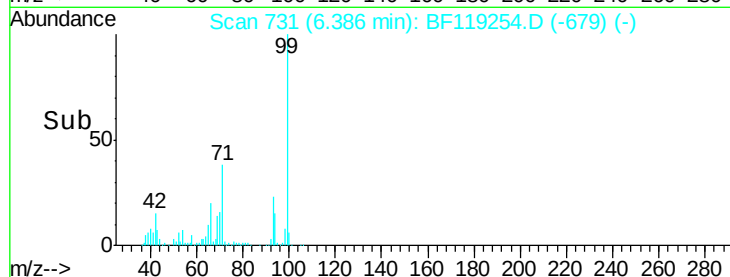
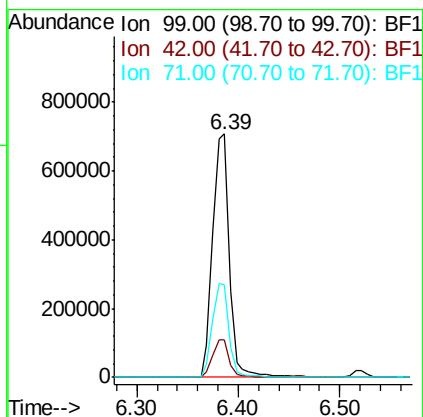
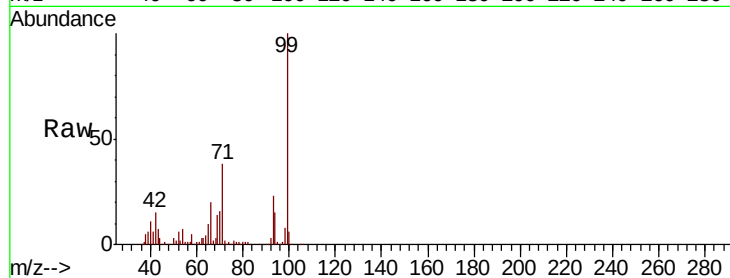
ClientSampleId :

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Tot Ion:	99	Resp:	818261
Ion Ratio	Lower	Upper	
99	100		
42	15.3	12.6	18.8
71	38.0	31.0	46.4

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#8

2-Chlorophenol

Concen: 47.377 ng

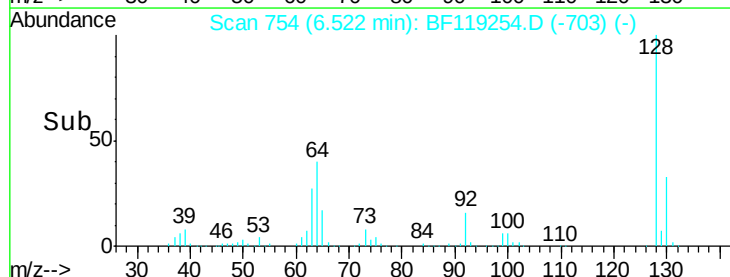
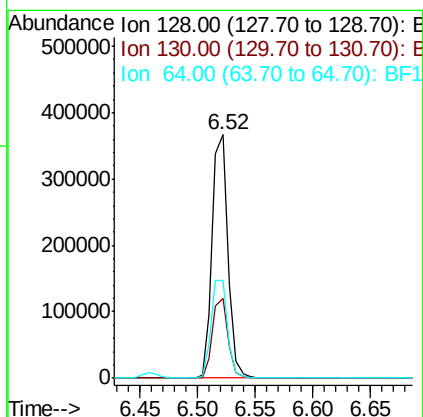
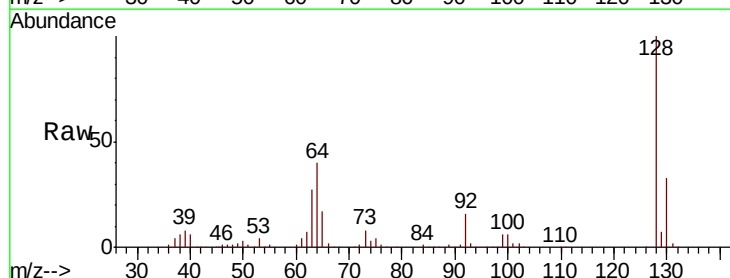
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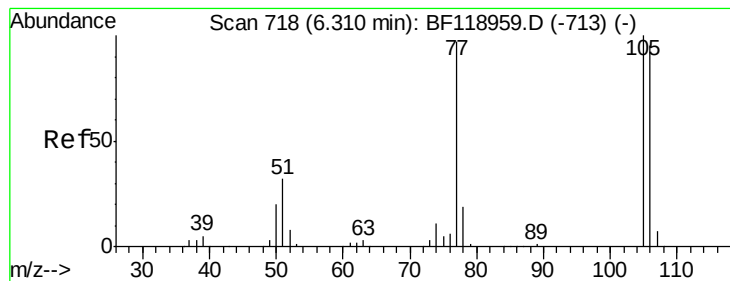
Delta R.T. -0.00 min

Lab File: BF119254.D

Acq: 6 Mar 2020 17:15

Tgt Ion:	128	Resp:	348429
Ion Ratio	Lower	Upper	
128	100		
130	32.8	12.7	52.7
64	40.1	22.3	62.3





#9

Benzaldehyde

Concen: 46.592 ng

RT: 6.27 min Scan# 712

Delta R.T. -0.01 min

Lab File: BF119254.D

Acq: 6 Mar 2020 17:15

Instrument :

BNA_F

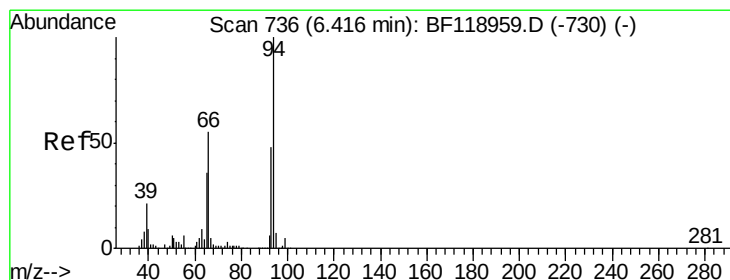
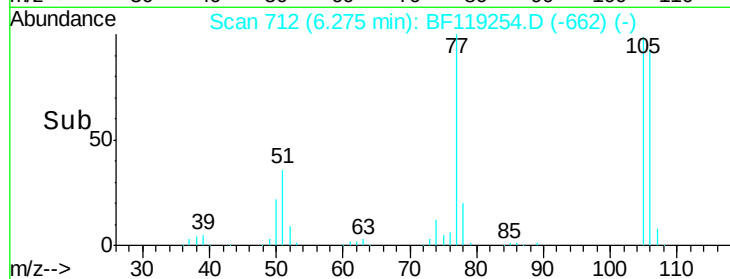
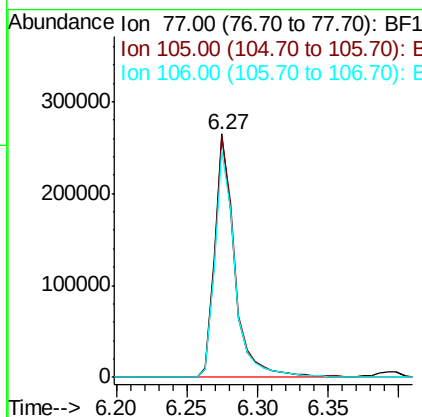
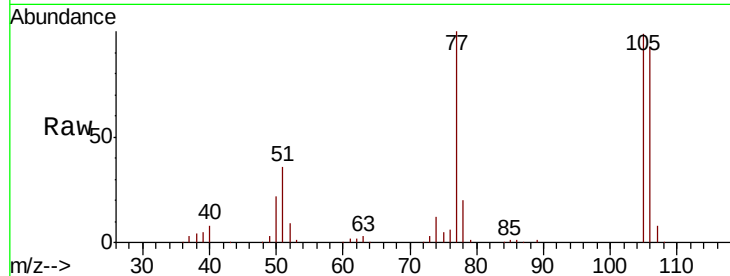
ClientSampled :

TP-3MS

Tot Ion:	77	Resp:	257995
Ion Ratio	Lower	Upper	
77	100		
105	99.1	80.1	120.1
106	93.0	75.9	115.9

Manual Integrations
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#10

Phenol

Concen: 46.455 ng

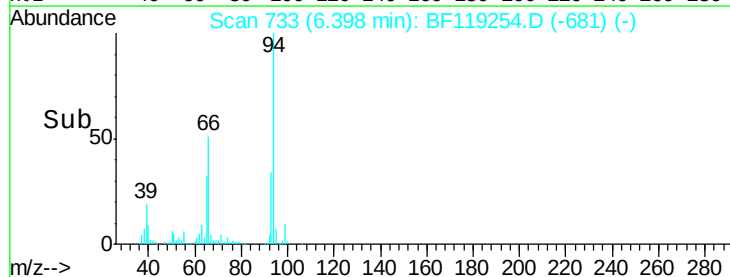
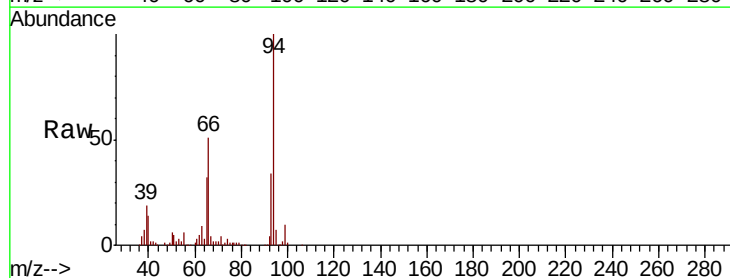
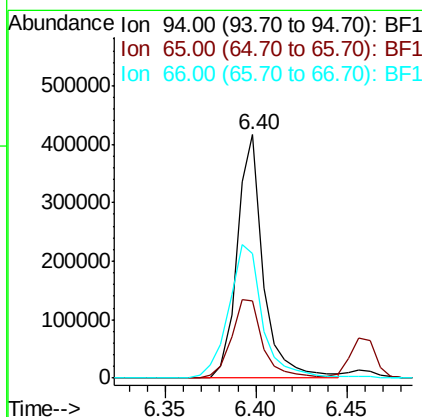
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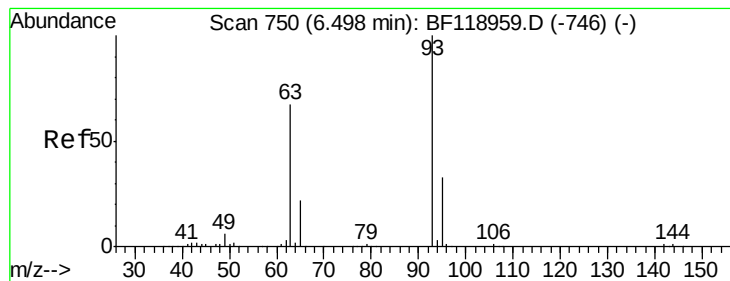
Delta R.T. 0.01 min

Lab File: BF119254.D

Acq: 6 Mar 2020 17:15

Tgt Ion:	94	Resp:	416270
Ion Ratio	Lower	Upper	
94	100		
65	31.8	19.2	59.2
66	51.2	44.4	84.4





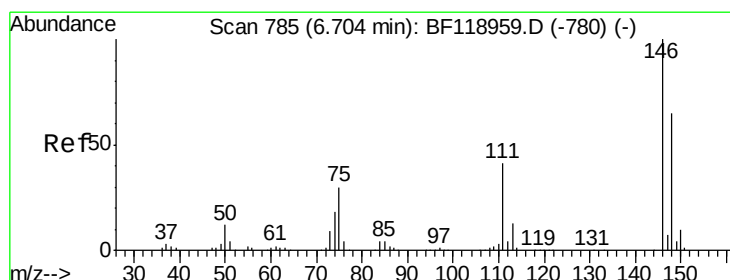
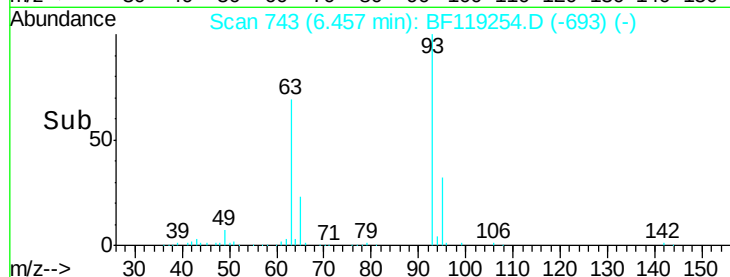
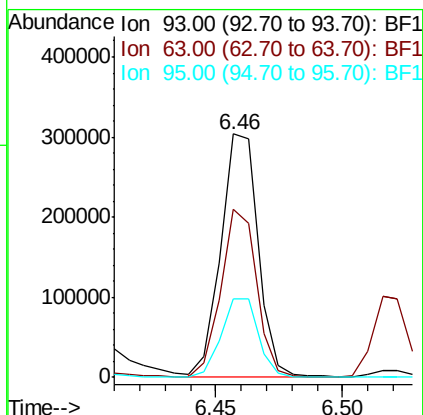
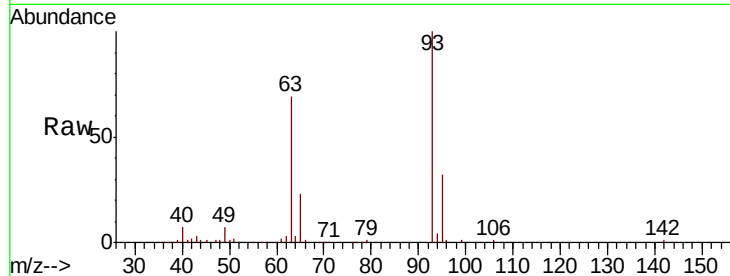
#11
bis(2-Chloroethyl)ether
Concen: 45.049 ng
RT: 6.46 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF119254.D
Acq: 6 Mar 2020 17:15

Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	308866		
63	68.8		45.4	85.4
95	32.1		13.5	53.5

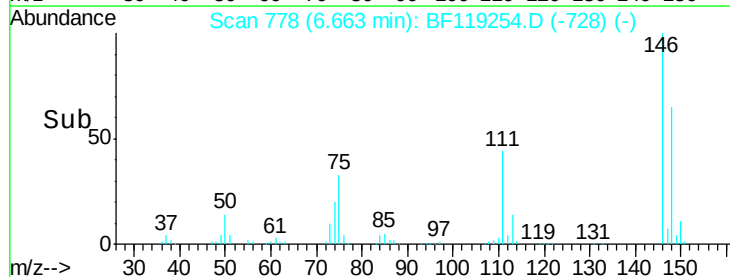
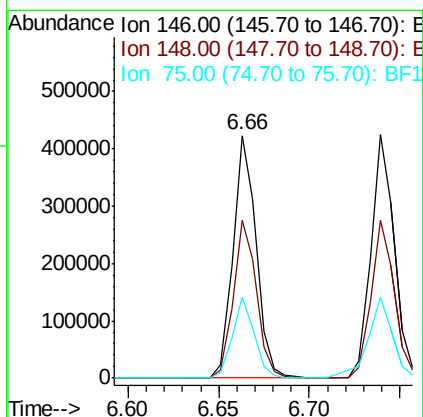
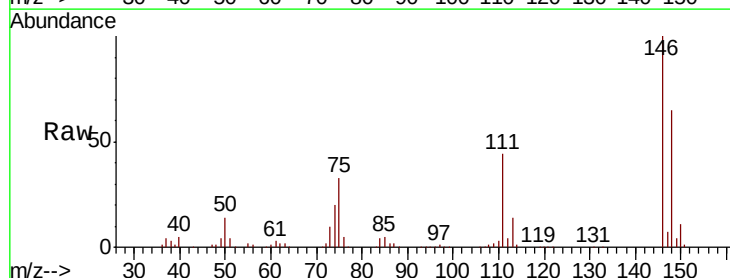
Manual Integrations
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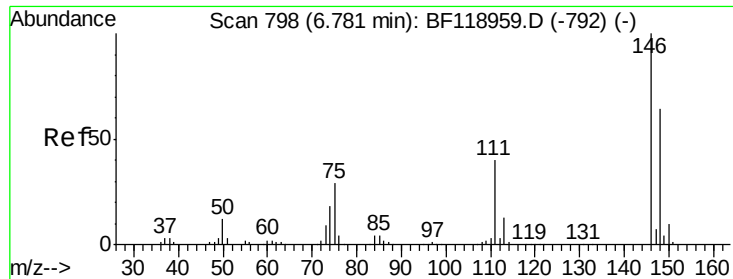
mohammad
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#12
1,3-Dichlorobenzene
Concen: 42.618 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF119254.D
Acq: 6 Mar 2020 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	375666		
148	64.8		52.5	78.7
75	33.1		23.6	35.4





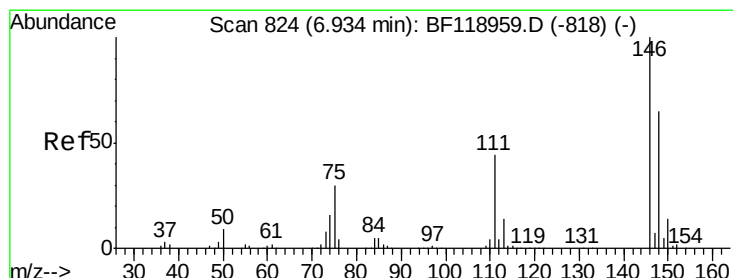
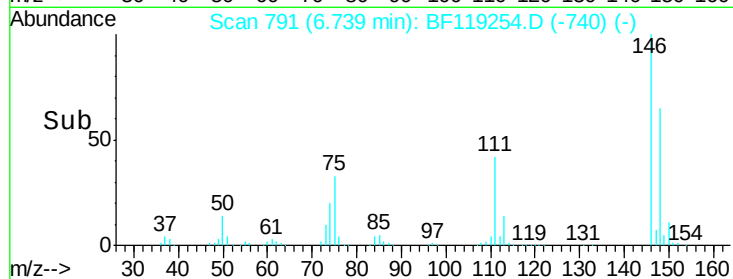
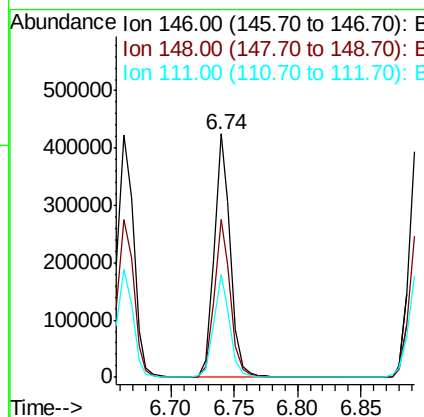
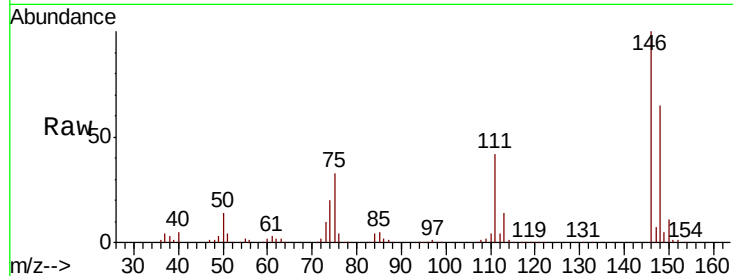
#13
1,4-Dichlorobenzene
Concen: 43.477 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.00 min
Lab File: BF119254.D
Acq: 6 Mar 2020 17:15

Instrument :
BNA_F
ClientSampled :
TP-3MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.1	76.7
111	42.4	34.8	52.2

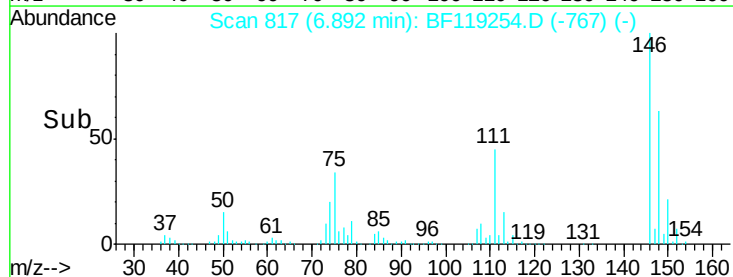
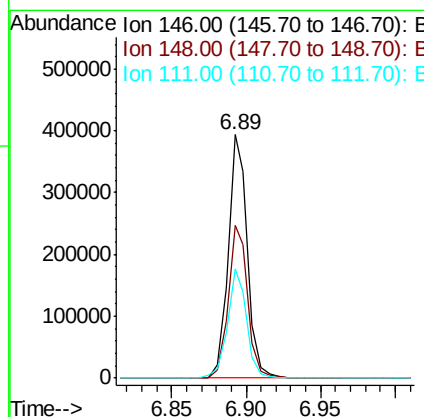
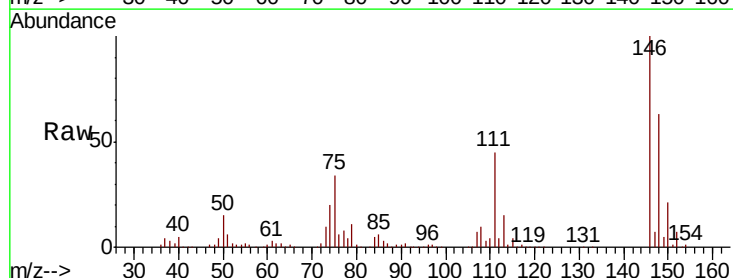
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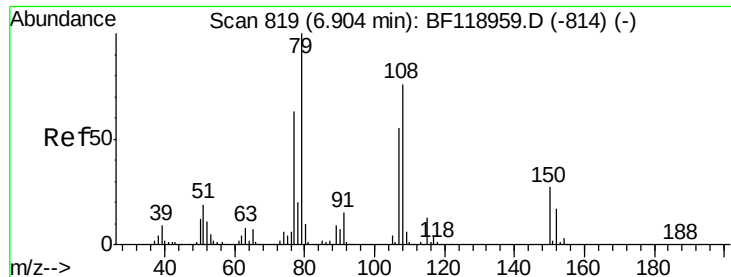
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#14
1,2-Dichlorobenzene
Concen: 44.466 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF119254.D
Acq: 6 Mar 2020 17:15

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.6	51.9	77.9
111	44.9	36.2	54.2





#15

Benzyl Alcohol

Concen: 48.182 ng

RT: 6.88 min Scan# 815

Delta R.T. -0.00 min

Lab File: BF119254.D

Acq: 6 Mar 2020 17:15

Instrument :

BNA_F

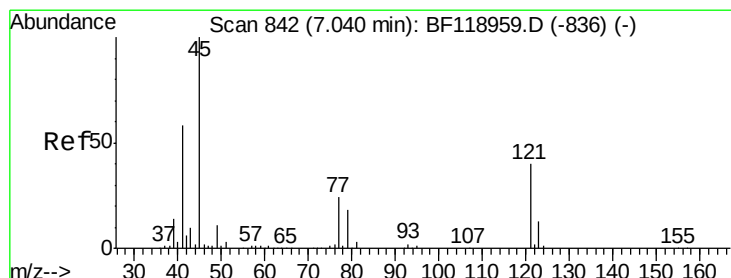
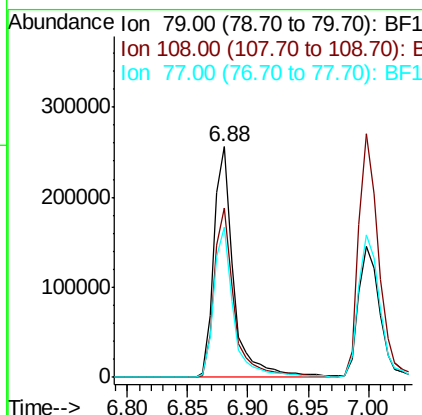
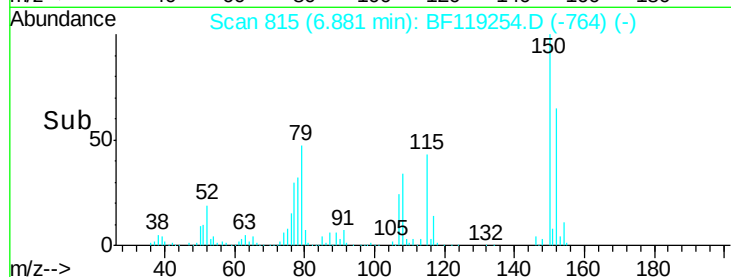
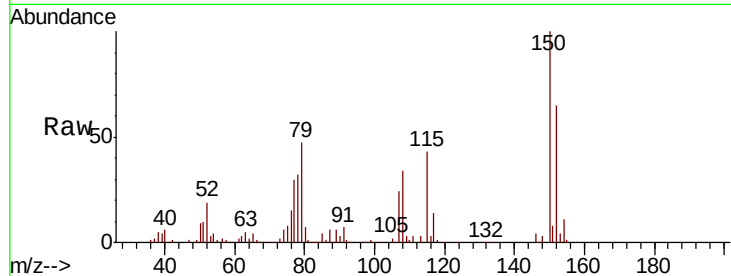
ClientSampled :

TP-3MS

Tot Ion:	79	Resp:	288609
Ion Ratio	Lower	Upper	
79	100		
108	73.4	58.2	87.2
77	65.0	51.2	76.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.984 ng

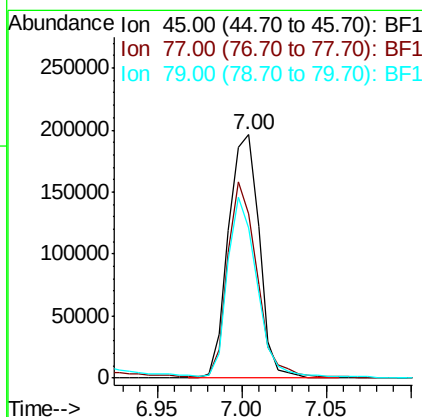
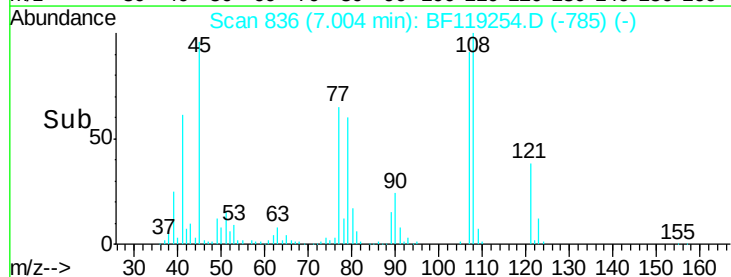
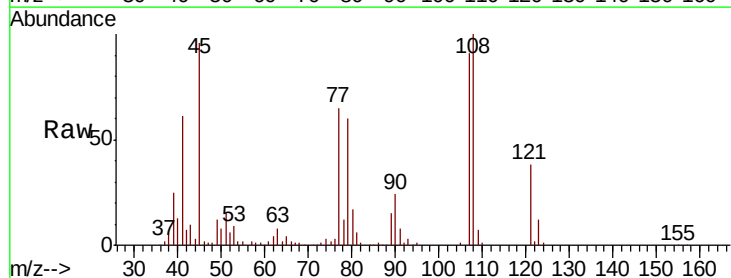
RT: 7.00 min Scan# 836

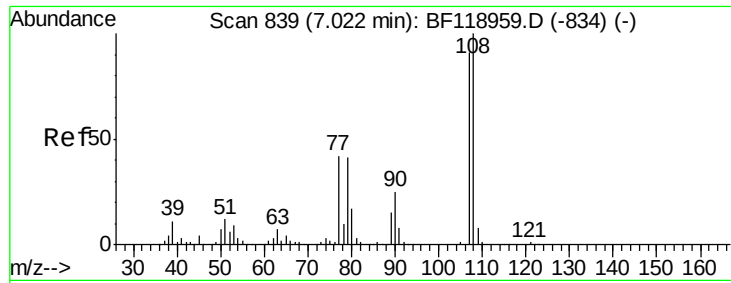
Delta R.T. 0.00 min

Lab File: BF119254.D

Acq: 6 Mar 2020 17:15

Tgt Ion:	45	Resp:	249354
Ion Ratio	Lower	Upper	
45	100		
77	67.7	15.0	55.0#
79	61.7	9.4	49.4#





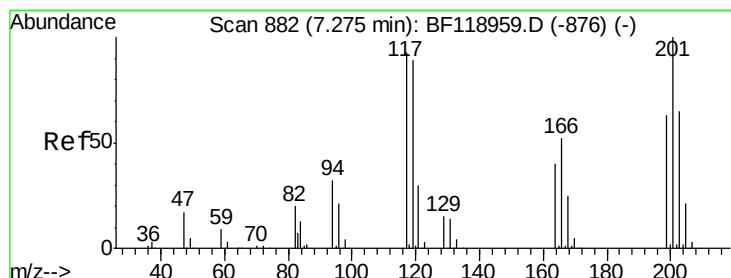
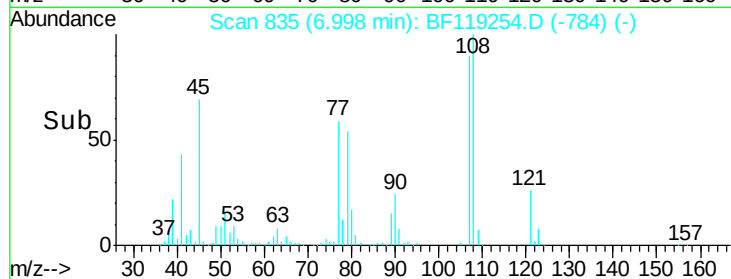
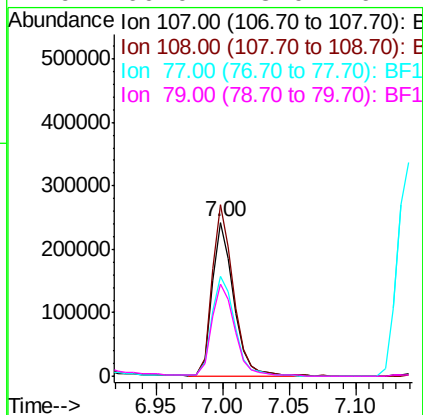
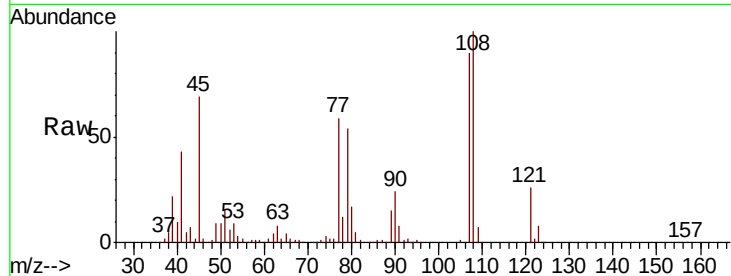
#17
2-Methylphenol
Concen: 46.256 ng
RT: 7.00 min Scan# 835
Delta R.T. 0.00 min
Lab File: BF119254.D
Acq: 6 Mar 2020 17:15

Instrument :
BNA_F
ClientSampled :
TP-3MS

Tot Ion	107	Resp	275809
Ion Ratio	Lower	Upper	
107	100		
108	111.2	87.9	131.9
77	65.1	45.3	67.9
79	60.0	43.0	64.4

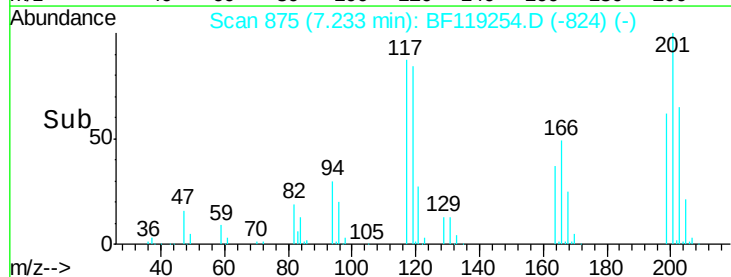
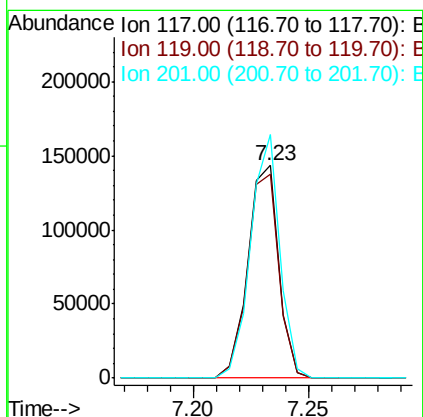
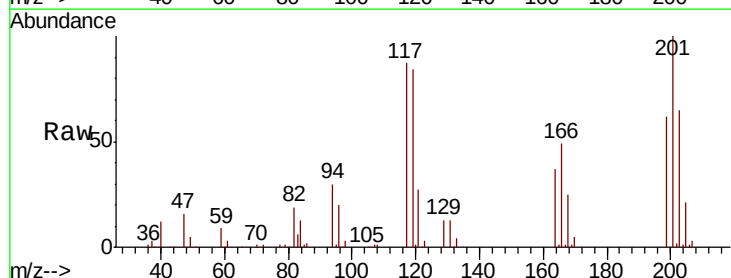
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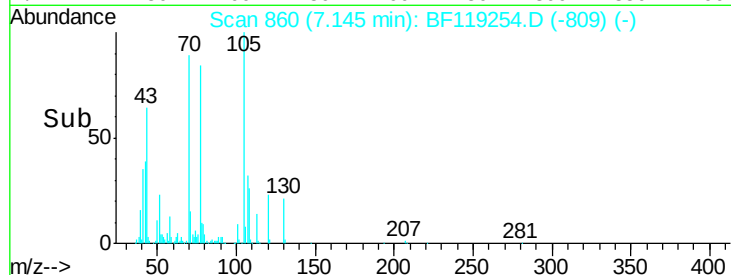
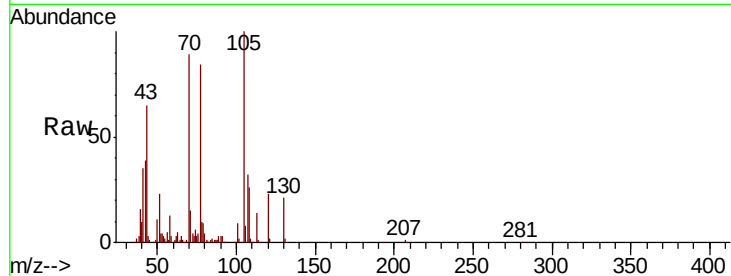
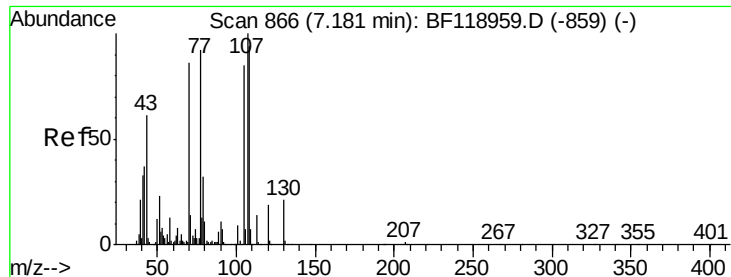
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#18
Hexachloroethane
Concen: 42.708 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF119254.D
Acq: 6 Mar 2020 17:15

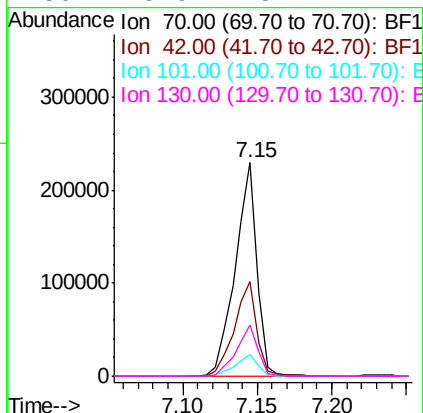
Tgt Ion	117	Resp	134775
Ion Ratio	Lower	Upper	
117	100		
119	96.1	77.5	116.3
201	114.4	82.6	123.8





#19
n-Nitroso-di-n-propylamine
Concen: 48.445 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF119254.D
Acq: 6 Mar 2020 17:15

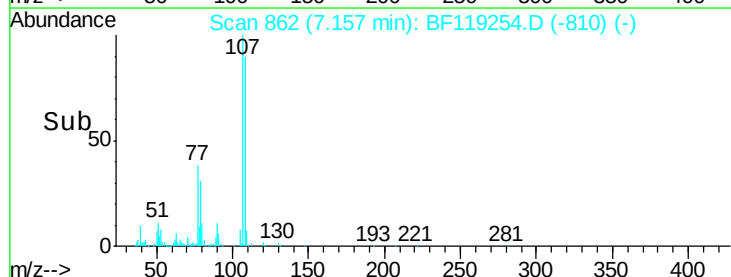
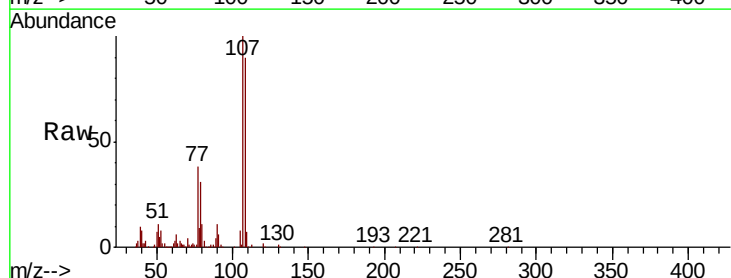
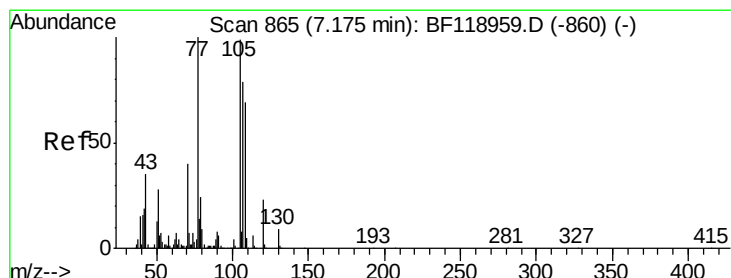
Tot Ion	Ratio	Lower	Upper
70	100		
42	44.5	38.0	57.0
101	10.4	8.2	12.4
130	23.9	18.2	27.4



Instrument :
BNA_F
ClientSampleId :
TP-3MS

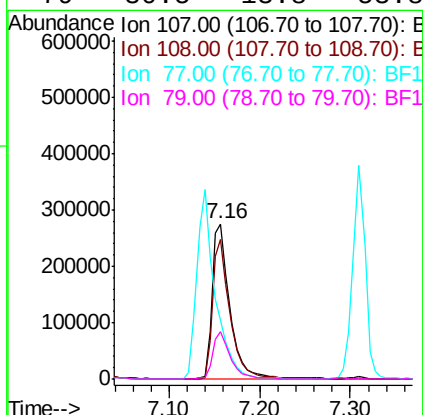
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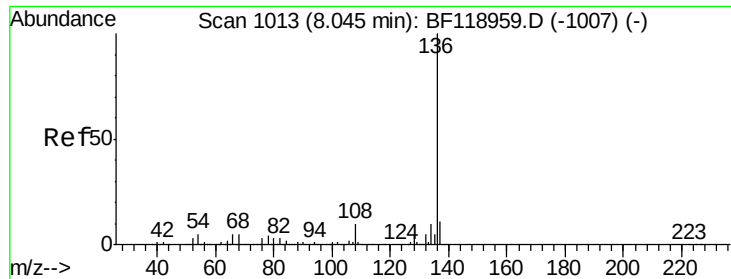
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#20
3+4-Methylphenols
Concen: 50.511 ng
RT: 7.16 min Scan# 862
Delta R.T. 0.01 min
Lab File: BF119254.D
Acq: 6 Mar 2020 17:15

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.9	71.5	111.5
77	38.3	45.9	85.9#
79	30.5	13.8	53.8





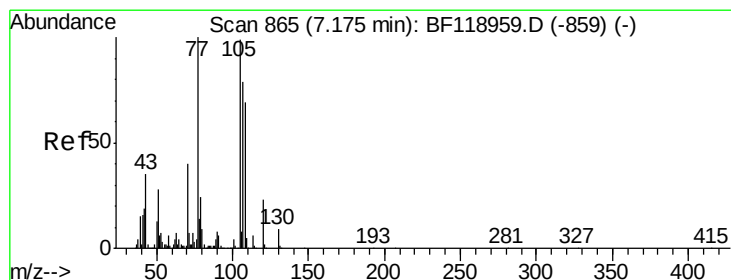
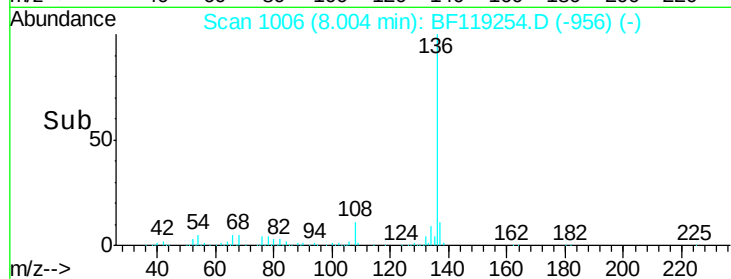
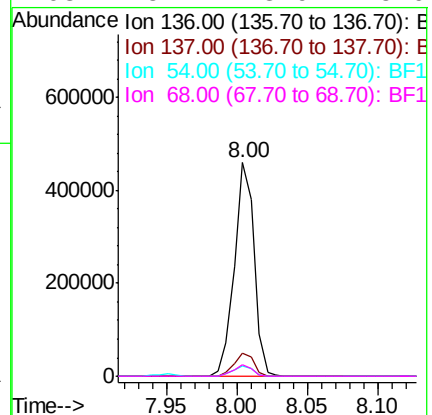
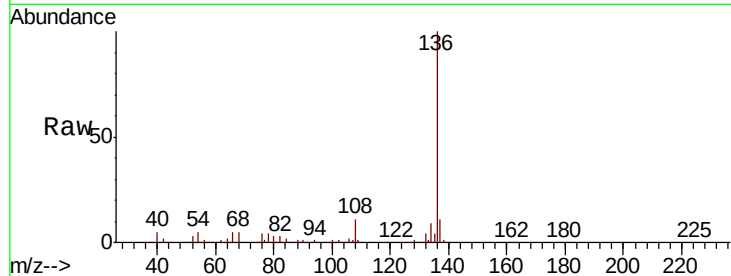
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF119254.D
Acq: 6 Mar 2020 17:15

Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		446057		
137	10.9		8.8	13.2	
54	5.1		3.8	5.6	
68	5.2		3.9	5.9	

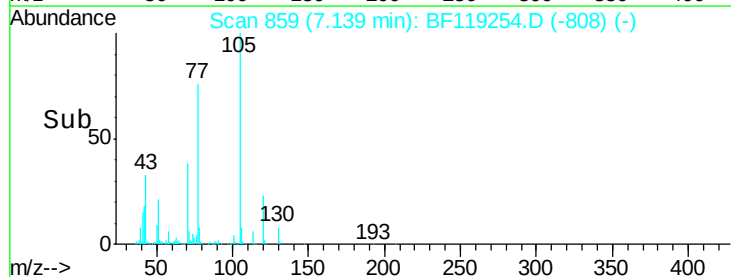
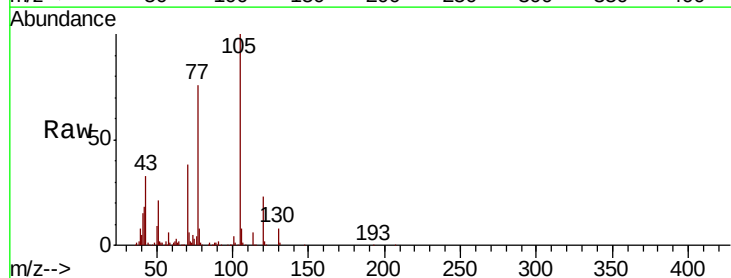
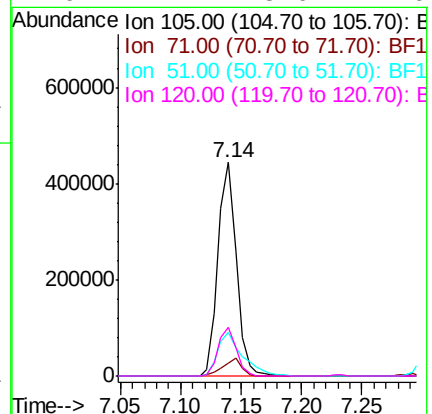
Manual Integrations
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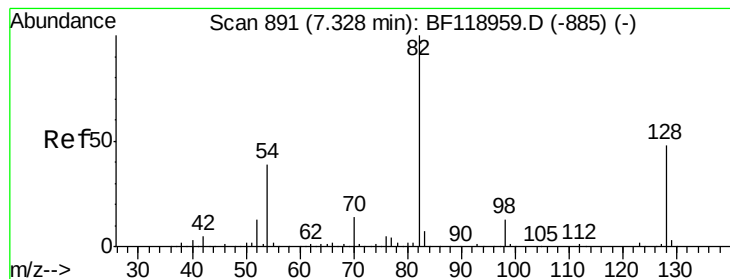
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#22
Acetophenone
Concen: 45.119 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.00 min
Lab File: BF119254.D
Acq: 6 Mar 2020 17:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		465659		
71	6.1		3.0	4.4#	
51	20.5		20.1	30.1	
120	22.7		18.0	27.0	





#23

Nitrobenzene-d5

Concen: 64.803 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.00 min

Lab File: BF119254.D

Acq: 6 Mar 2020 17:15

Instrument :

BNA_F

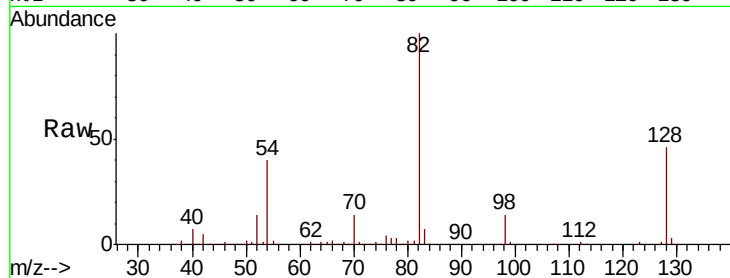
ClientSampled :

TP-3MS

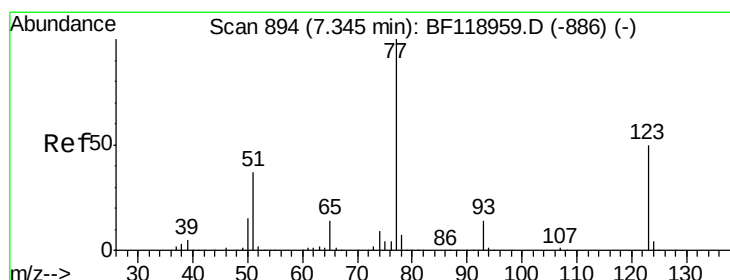
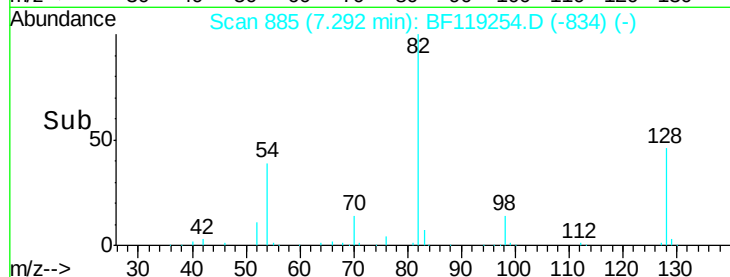
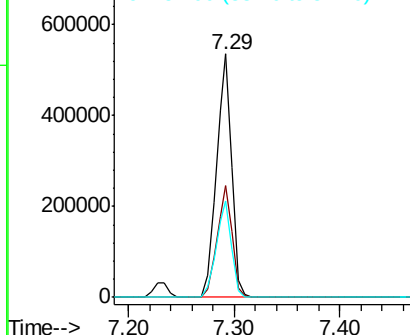
Tot Ion:	82	Resp:	547458
Ion Ratio	Lower	Upper	
82	100		
128	45.8	37.9	56.9
54	39.6	33.4	50.2

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Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 42.914 ng

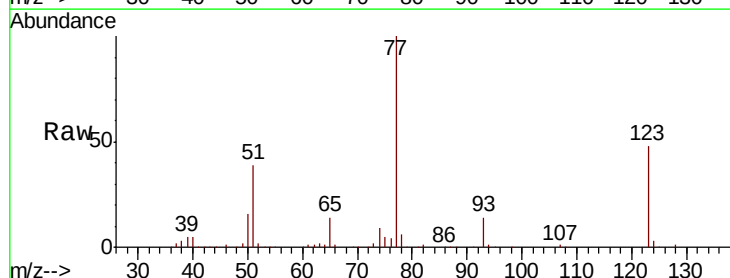
RT: 7.31 min Scan# 888

Delta R.T. -0.00 min

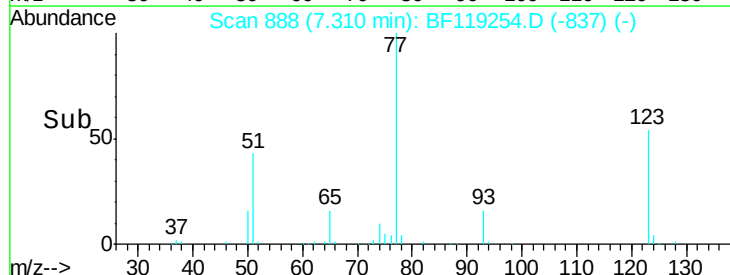
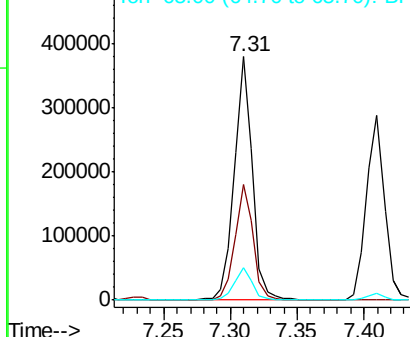
Lab File: BF119254.D

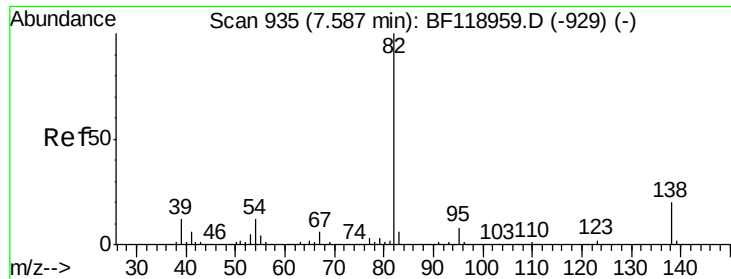
Acq: 6 Mar 2020 17:15

Tgt Ion:	77	Resp:	358516
Ion Ratio	Lower	Upper	
77	100		
123	47.6	40.2	60.2
65	13.5	10.8	16.2



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 43.785 ng

RT: 7.55 min Scan# 929

Delta R.T. 0.00 min

Lab File: BF119254.D

Acq: 6 Mar 2020 17:15

Instrument :

BNA_F

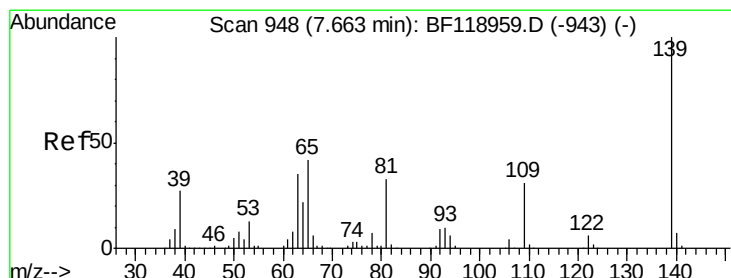
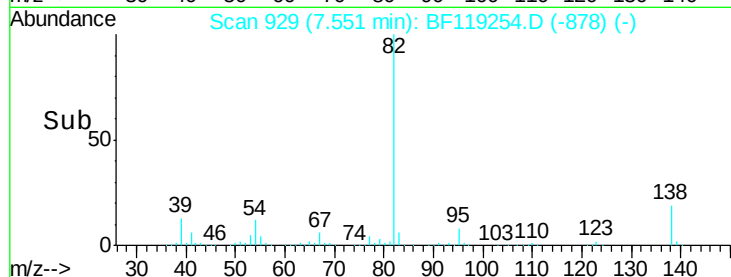
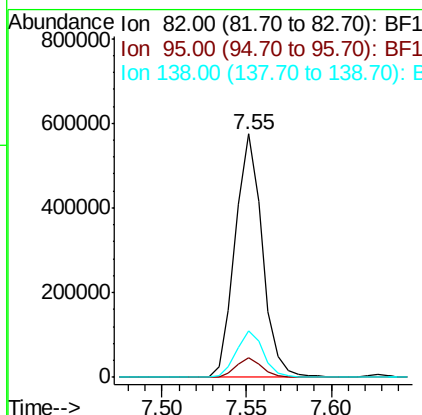
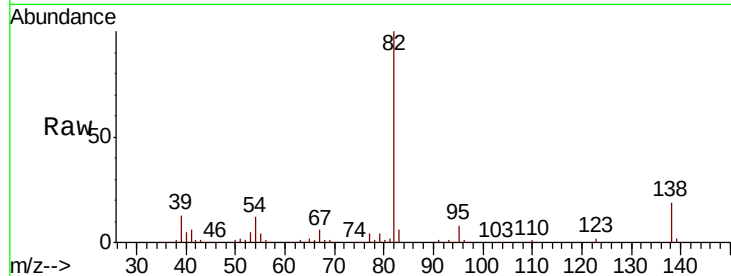
ClientSampleId :

TP-3MS

Tot Ion:	82	Resp:	642409
Ion Ratio		Lower	Upper
82	100		
95	7.9	6.4	9.6
138	19.2	15.7	23.5

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#26

2-Nitrophenol

Concen: 43.677 ng

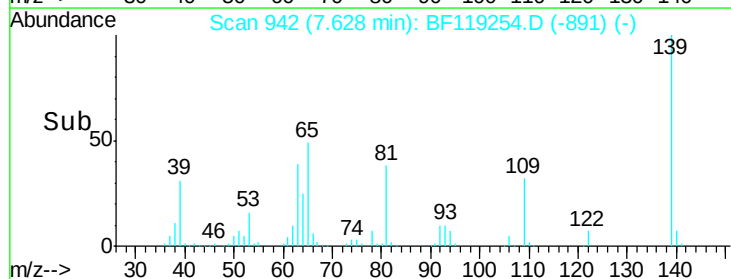
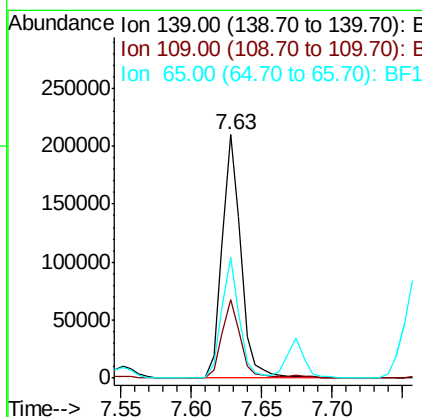
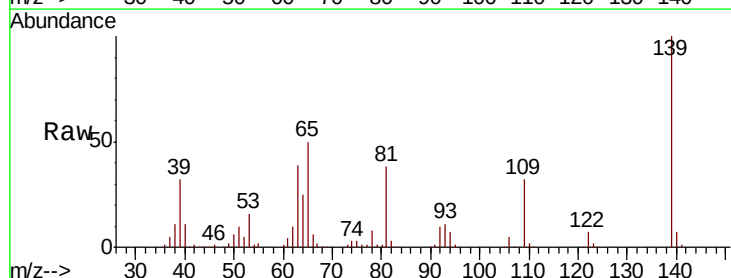
RT: 7.63 min Scan# 942

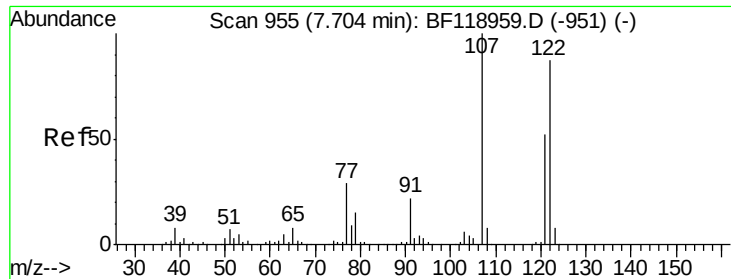
Delta R.T. 0.00 min

Lab File: BF119254.D

Acq: 6 Mar 2020 17:15

Tgt Ion:	139	Resp:	193334
Ion Ratio		Lower	Upper
139	100		
109	32.0	25.7	38.5
65	49.7	37.1	55.7





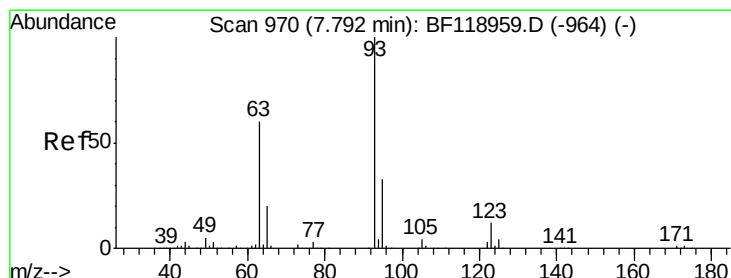
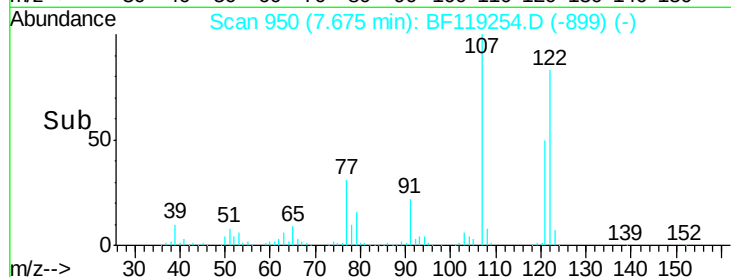
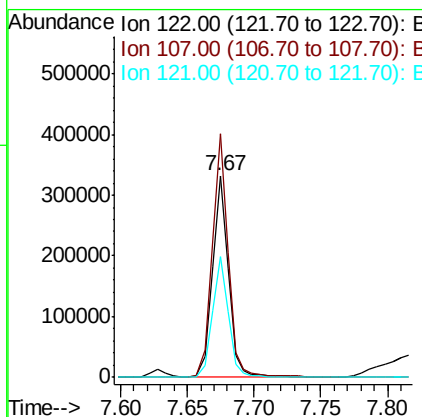
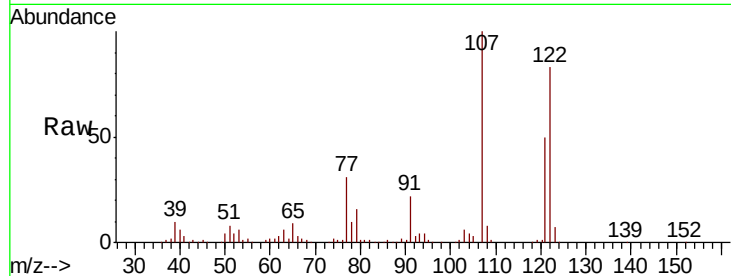
#27
2,4-Dimethylphenol
Concen: 46.710 ng
RT: 7.67 min Scan# 950
Delta R.T. -0.00 min
Lab File: BF119254.D
Acq: 6 Mar 2020 17:15

Instrument :
BNA_F
ClientSampled :
TP-3MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	120.7	93.8	140.6
121	60.2	48.2	72.2

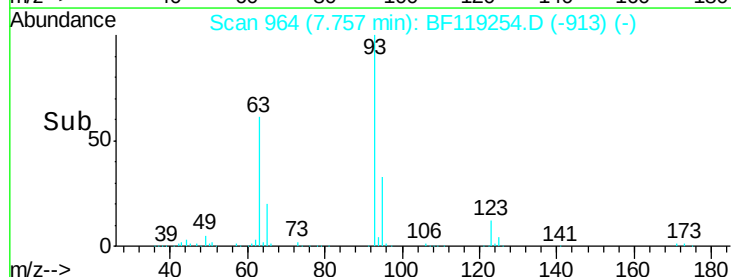
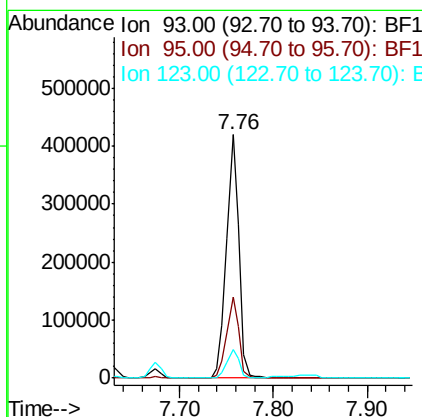
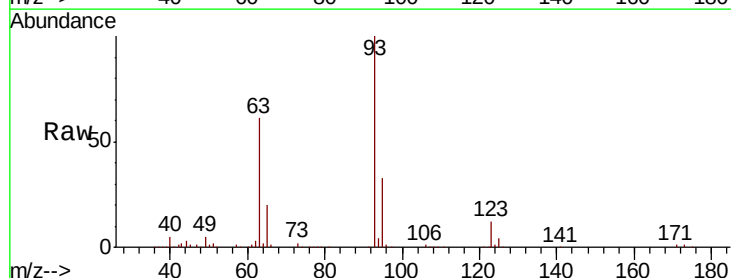
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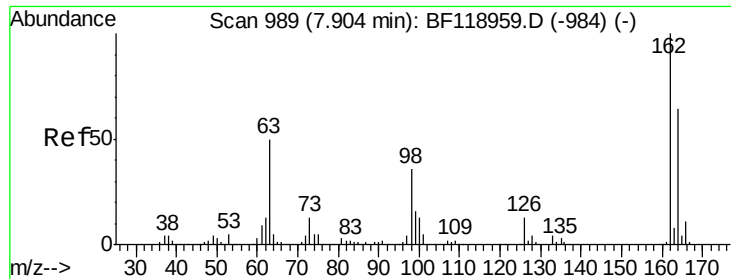
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 40.537 ng
RT: 7.76 min Scan# 964
Delta R.T. 0.00 min
Lab File: BF119254.D
Acq: 6 Mar 2020 17:15

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.5	39.7
123	11.8	10.2	15.2





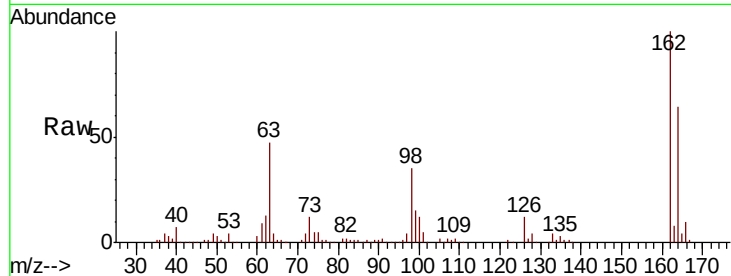
#29
2,4-Dichlorophenol
Concen: 43.197 ng
RT: 7.88 min Scan# 985
Delta R.T. 0.00 min
Lab File: BF119254.D
Acq: 6 Mar 2020 17:15

Instrument :
BNA_F
ClientSampled :
TP-3MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	305504		
164	63.5	45.2	85.2	
98	35.3	17.4	57.4	

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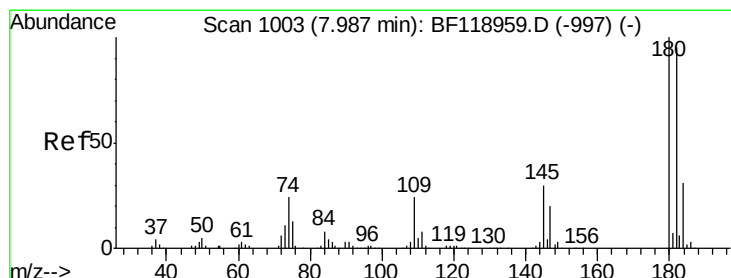
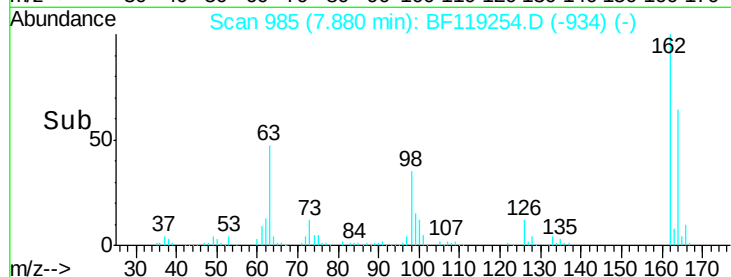
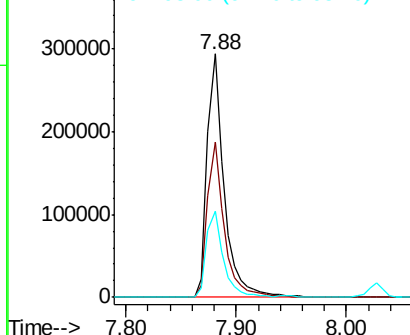


Abundance

Ion 162.00 (161.70 to 162.70): E

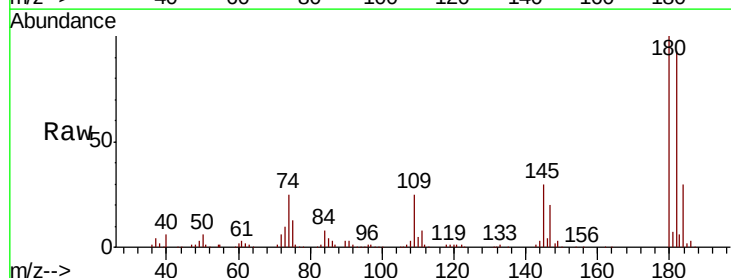
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 40.156 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.00 min
Lab File: BF119254.D
Acq: 6 Mar 2020 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	336713		
182	93.2	77.8	116.6	
145	29.6	25.2	37.8	

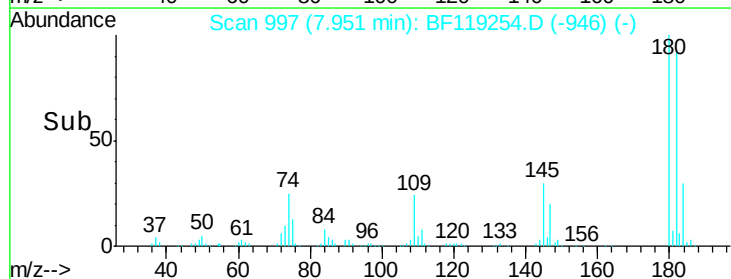
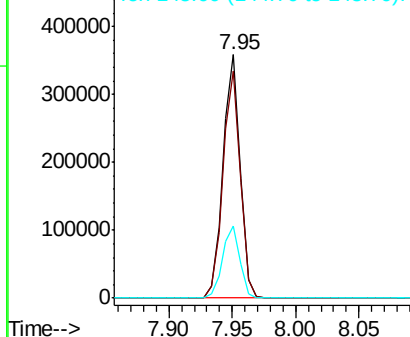


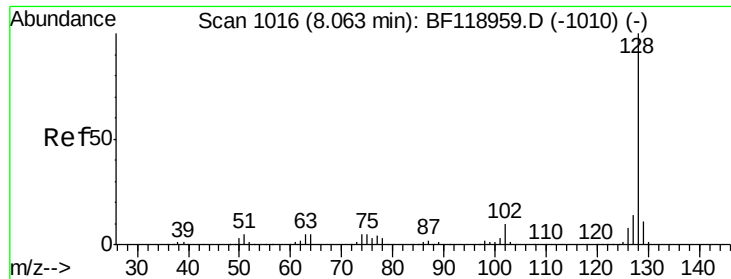
Abundance

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





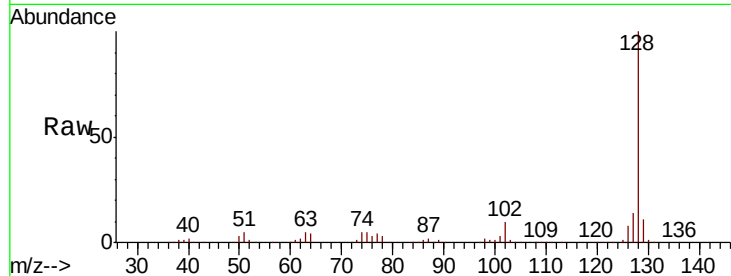
#31
Naphthalene
Concen: 42.754 ng
RT: 8.03 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BF119254.D
Acq: 6 Mar 2020 17:15

Instrument :
BNA_F
ClientSampled :
TP-3MS

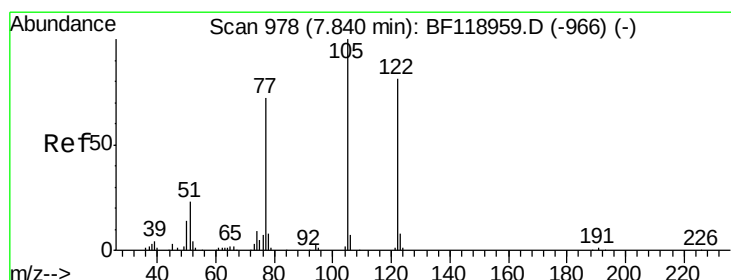
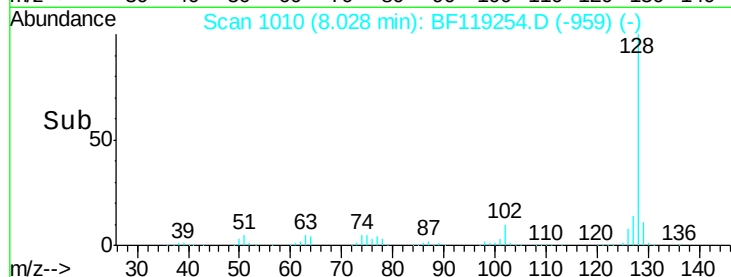
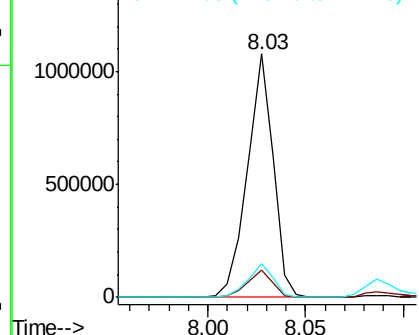
Tot Ion	Ratio	Resp	Lower	Upper
128	100	989041		
129	11.1		9.4	14.2
127	13.7		11.4	17.2

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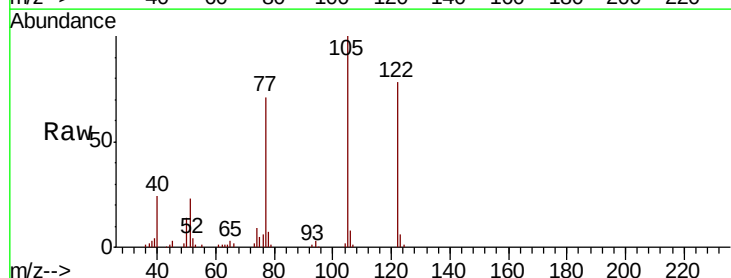


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

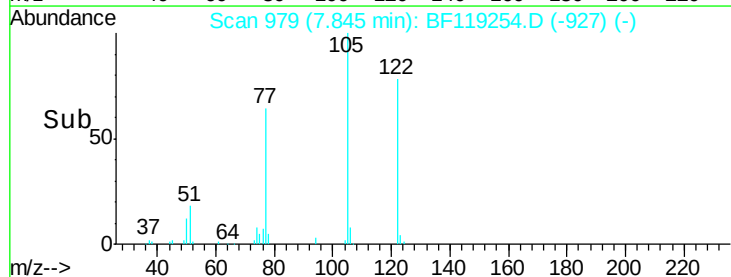
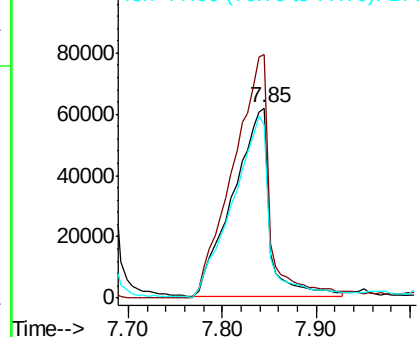


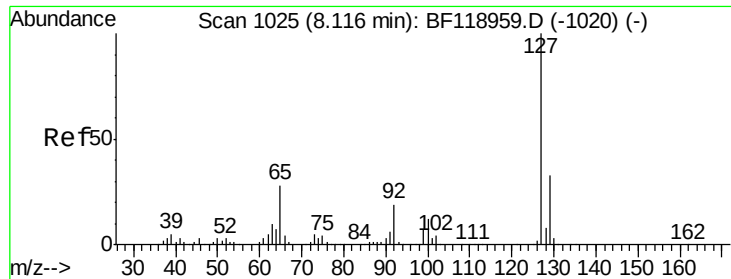
#32
Benzoic acid
Concen: 39.426 ng
RT: 7.85 min Scan# 979
Delta R.T. 0.01 min
Lab File: BF119254.D
Acq: 6 Mar 2020 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	166747		
105	128.2		106.3	146.3
77	91.2		73.1	113.1



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





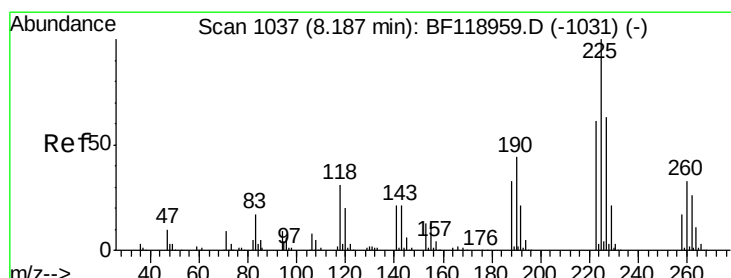
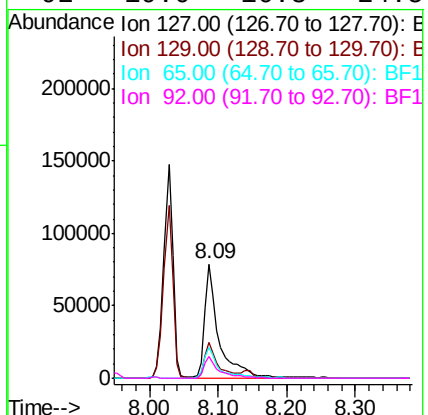
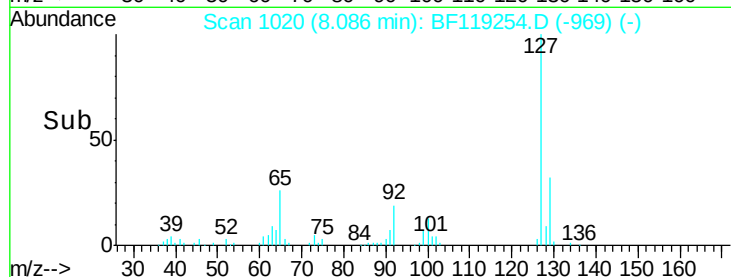
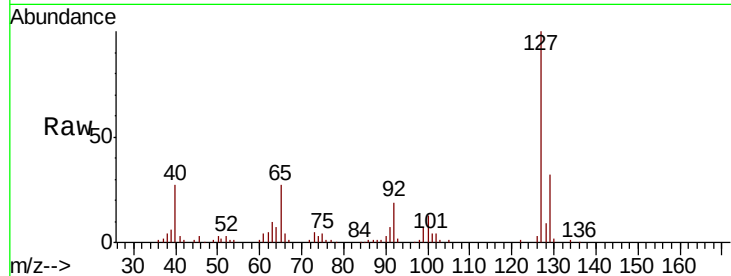
#33
4-Chloroaniline
Concen: 11.999 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF119254.D
Acq: 6 Mar 2020 17:15

Instrument :
BNA_F
ClientSampled :
TP-3MS

Tot Ion	Ratio	Resp	Lower	Upper
127	100	119386		
129	31.8	25.9	38.9	
65	27.0	23.9	35.9	
92	19.0	16.3	24.5	

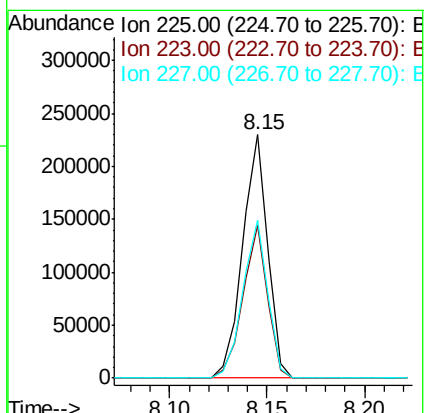
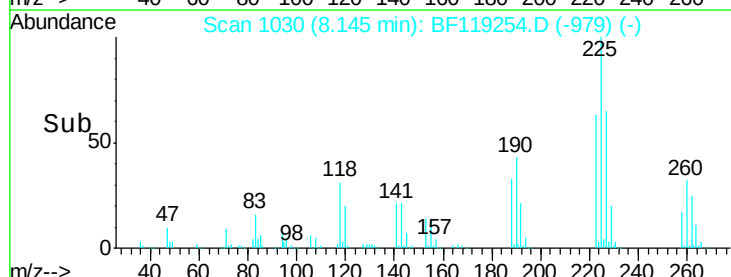
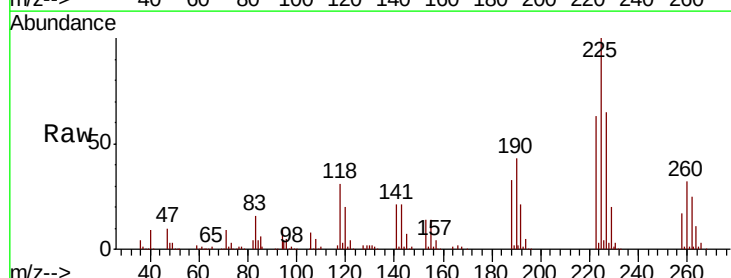
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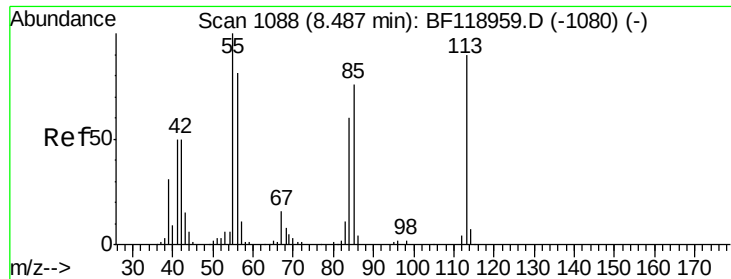
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#34
Hexachlorobutadiene
Concen: 39.100 ng
RT: 8.15 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BF119254.D
Acq: 6 Mar 2020 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	204225		
223	62.7	49.4	74.2	
227	64.7	52.9	79.3	





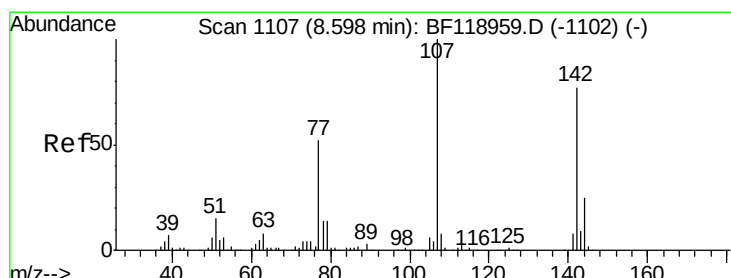
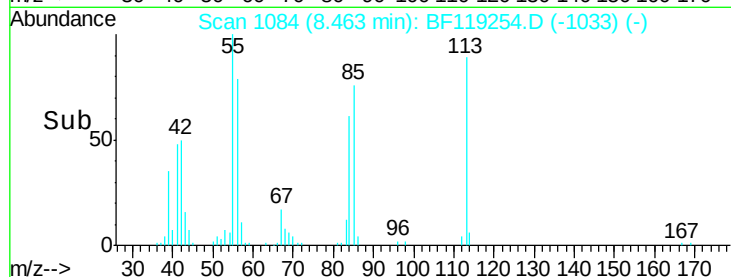
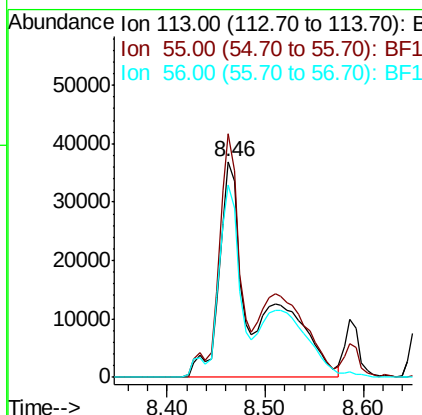
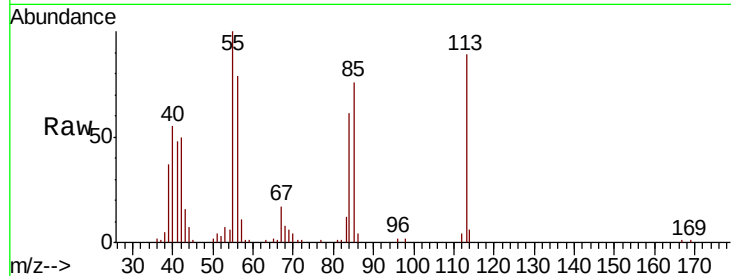
#35
 Caprolactam
 Concen: 44.484 ng m
 RT: 8.46 min Scan# 1084
 Delta R.T. -0.00 min
 Lab File: BF119254.D
 Acq: 6 Mar 2020 17:15

Instrument :
 BNA_F
 ClientSampled :
 TP-3MS

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	112.7	95.7	135.7	
56	89.1	73.1	113.1	

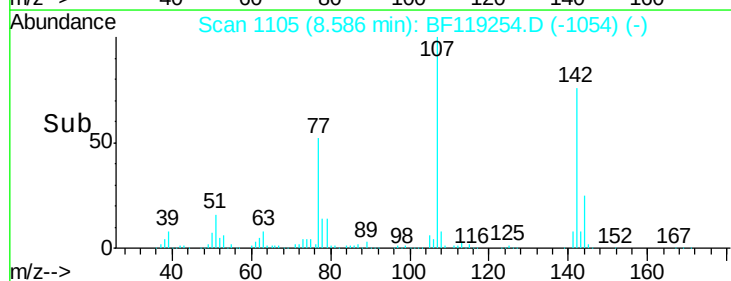
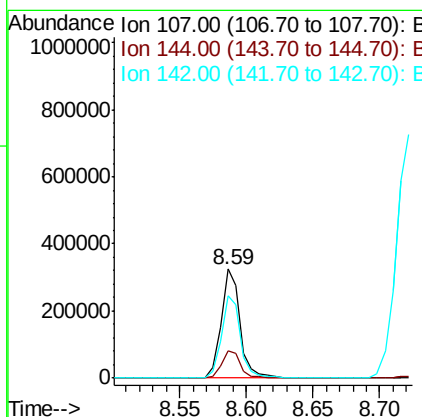
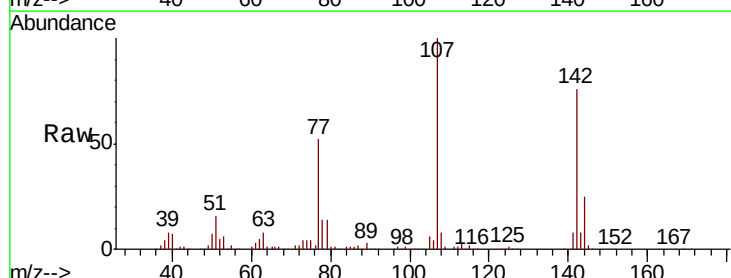
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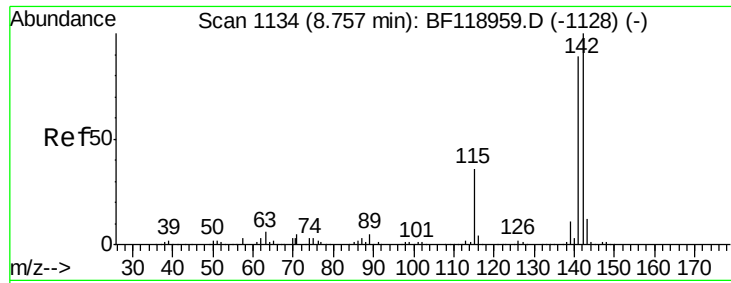
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#36
 4-Chloro-3-methylphenol
 Concen: 45.710 ng
 RT: 8.59 min Scan# 1105
 Delta R.T. 0.00 min
 Lab File: BF119254.D
 Acq: 6 Mar 2020 17:15

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	24.6	20.1	30.1	
142	75.6	61.4	92.2	





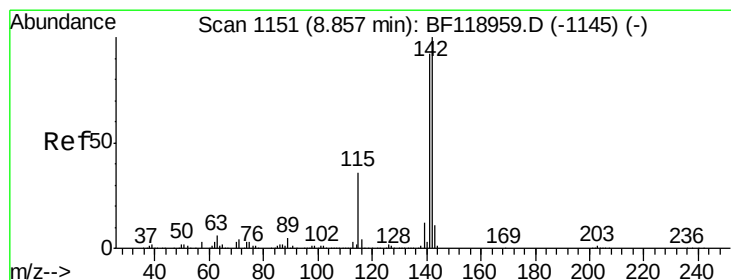
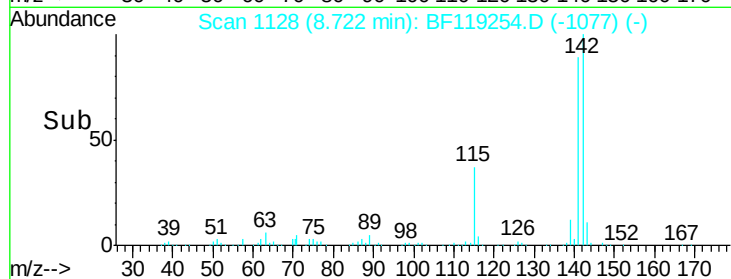
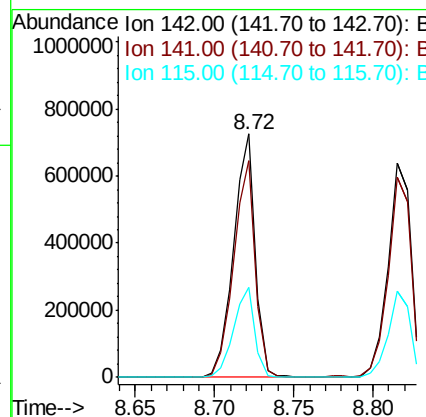
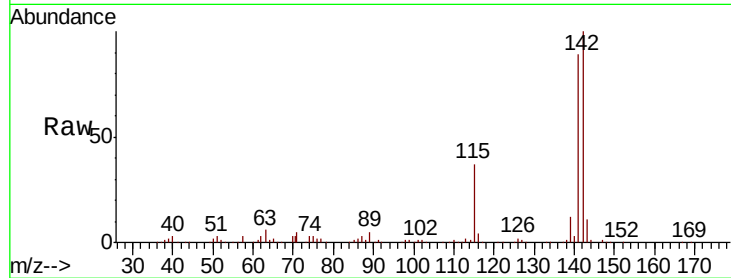
#37
 2-Methylnaphthalene
 Concen: 43.827 ng
 RT: 8.72 min Scan# 1128
 Delta R.T. 0.00 min
 Lab File: BF119254.D
 Acq: 6 Mar 2020 17:15

Instrument :
 BNA_F
 ClientSampleId :
 TP-3MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	72.3	108.5
115	36.9	30.6	45.8

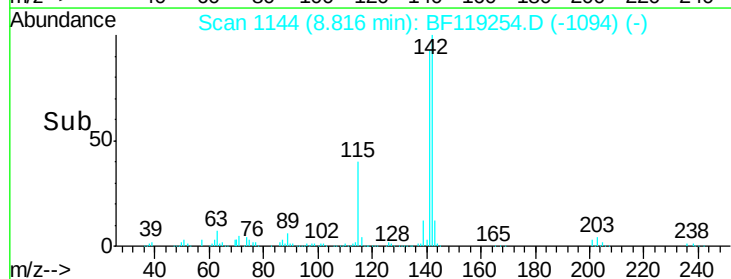
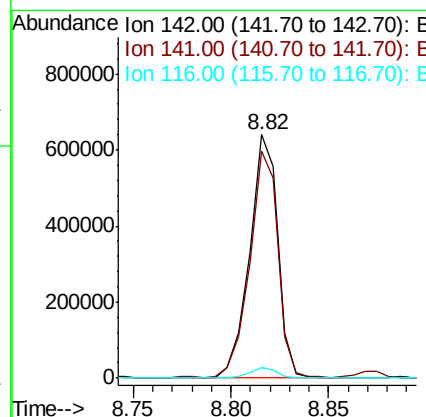
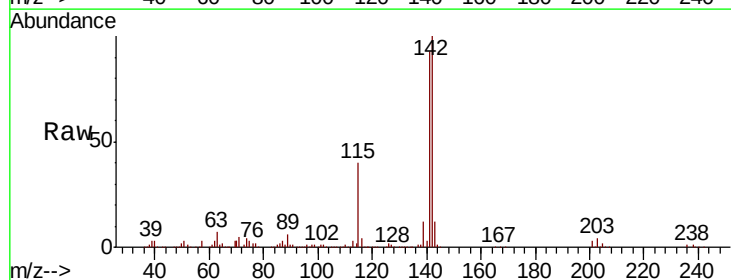
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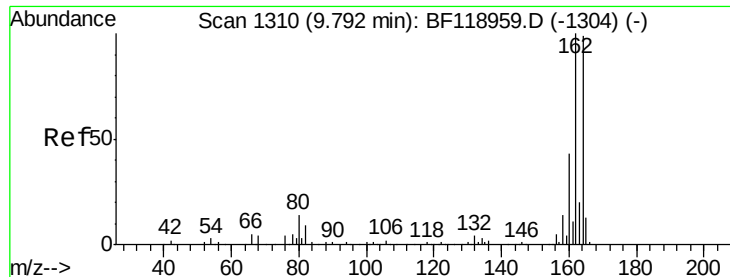
mohammad
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#38
 1-Methylnaphthalene
 Concen: 43.487 ng
 RT: 8.82 min Scan# 1144
 Delta R.T. -0.01 min
 Lab File: BF119254.D
 Acq: 6 Mar 2020 17:15

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.0	75.8	113.6
116	4.3	3.1	4.7





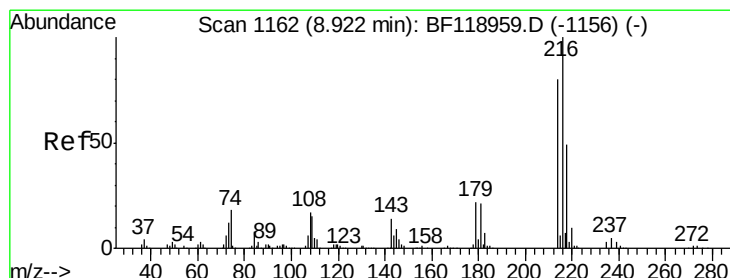
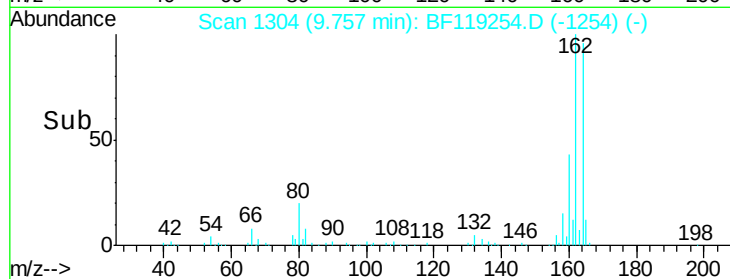
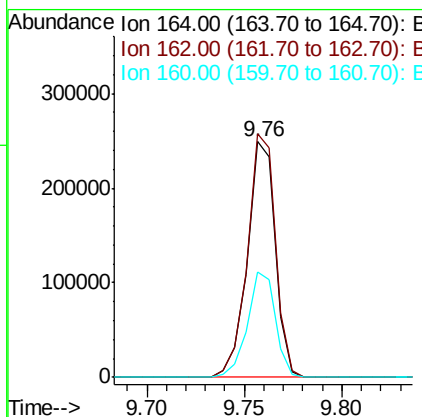
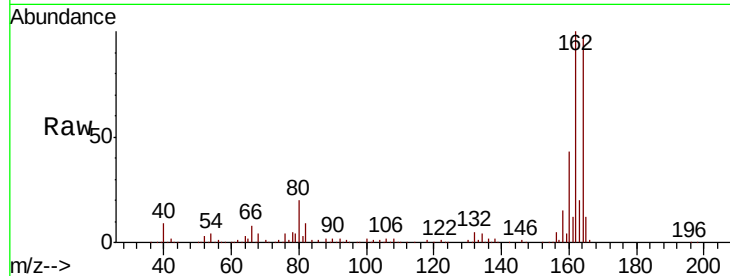
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF119254.D
 Acq: 6 Mar 2020 17:15

Instrument :
 BNA_F
 ClientSampleId :
 TP-3MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.3	81.8	122.8
160	44.6	36.0	54.0

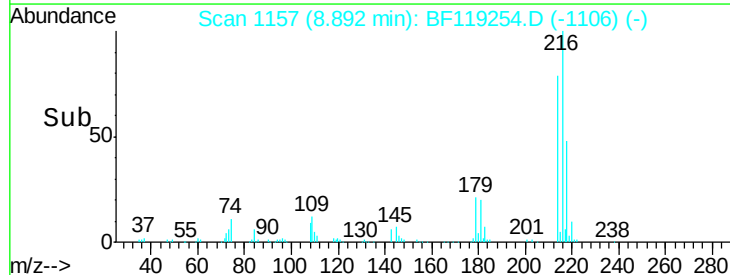
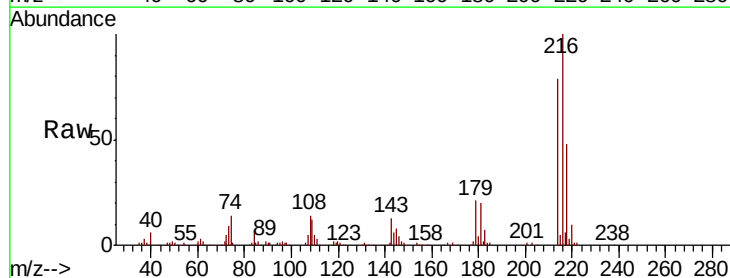
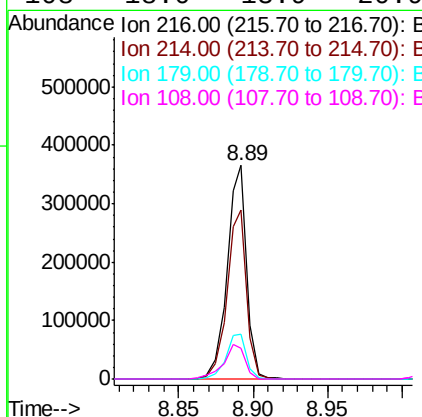
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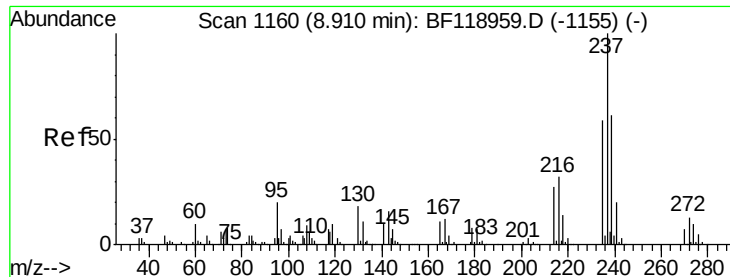
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.608 ng
 RT: 8.89 min Scan# 1157
 Delta R.T. -0.00 min
 Lab File: BF119254.D
 Acq: 6 Mar 2020 17:15

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.3	94.9
179	21.7	17.7	26.5
108	18.0	13.9	20.9





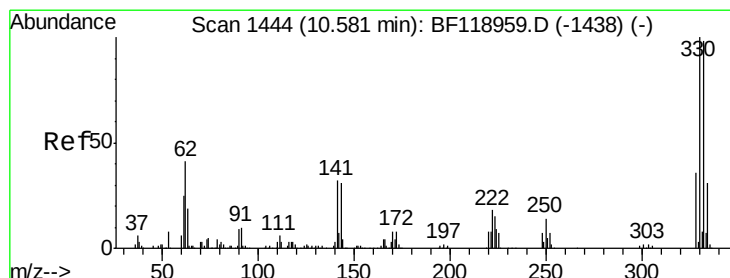
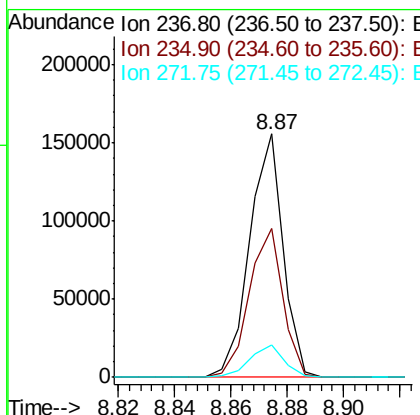
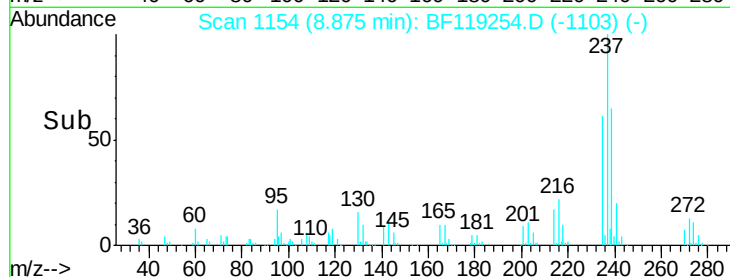
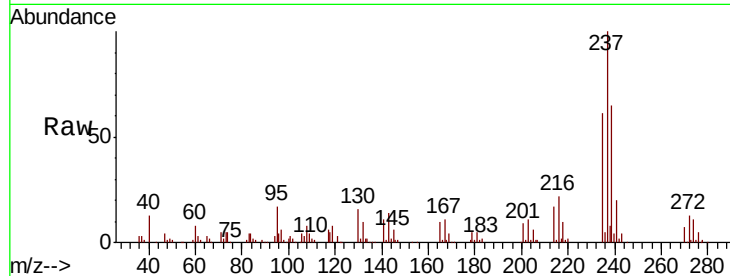
#41
Hexachlorocyclopentadiene
Concen: 46.435 ng
RT: 8.87 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BF119254.D
Acq: 6 Mar 2020 17:15

Instrument :
BNA_F
ClientSampled :
TP-3MS

Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	61.1	42.3	82.3	
272	13.1	0.0	33.5	

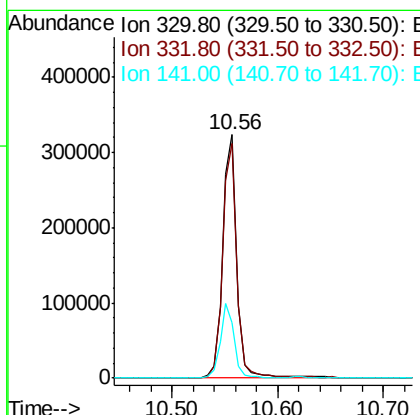
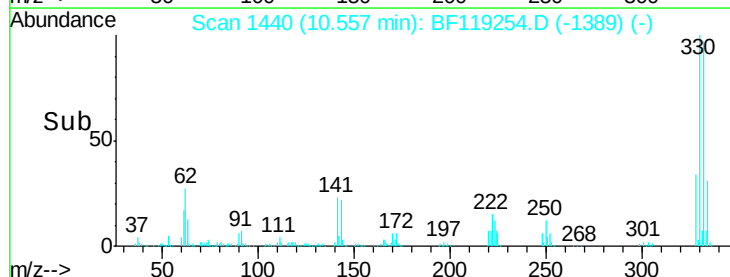
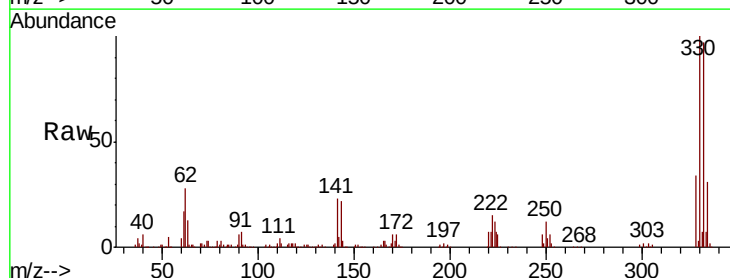
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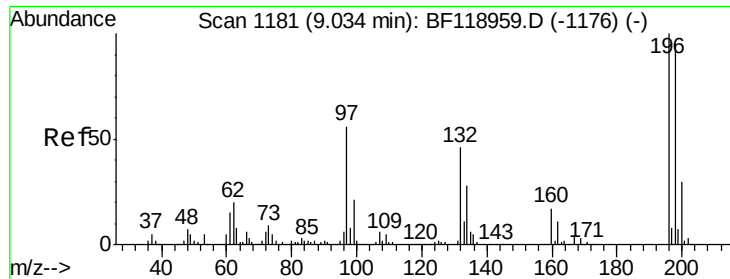
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#42
2,4,6-Tribromophenol
Concen: 94.324 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.00 min
Lab File: BF119254.D
Acq: 6 Mar 2020 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	98.1	76.0	114.0	
141	30.2	22.9	34.3	





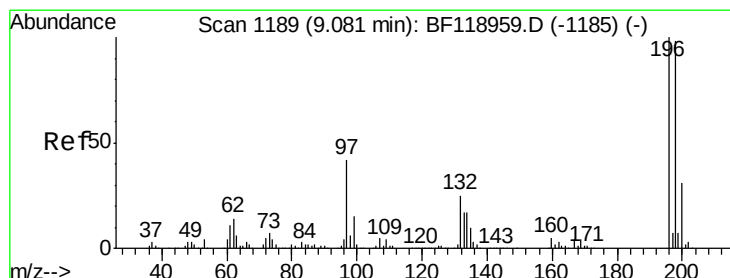
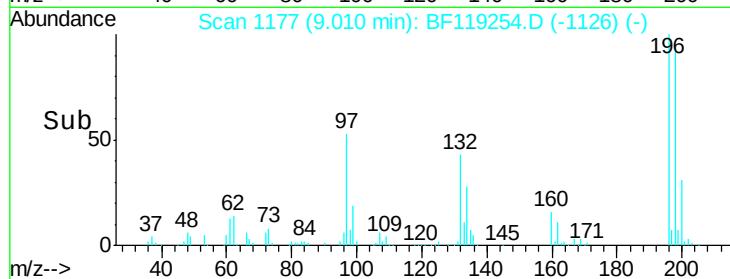
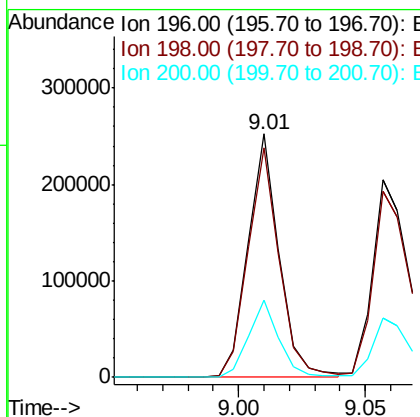
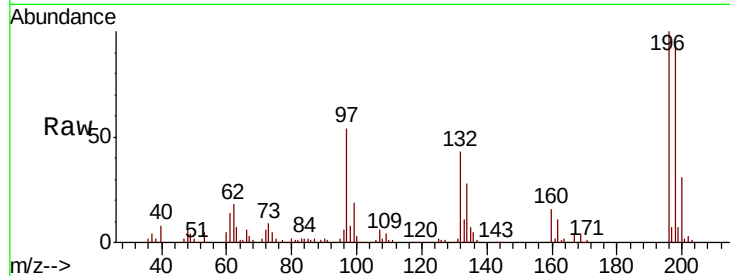
#43
2,4,6-Trichlorophenol
Concen: 40.827 ng
RT: 9.01 min Scan# 1177
Delta R.T. 0.00 min
Lab File: BF119254.D
Acq: 6 Mar 2020 17:15

Instrument :
BNA_F
ClientSampled :
TP-3MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	215148		
198	94.1	77.1	115.7	
200	31.5	25.0	37.6	

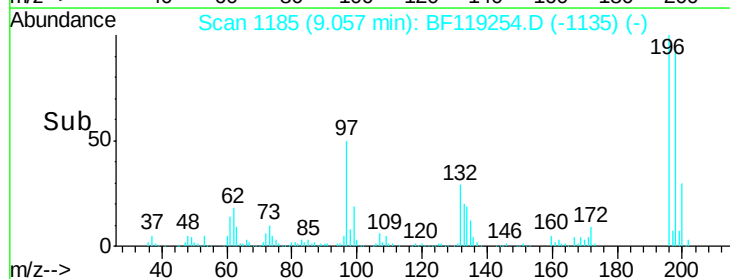
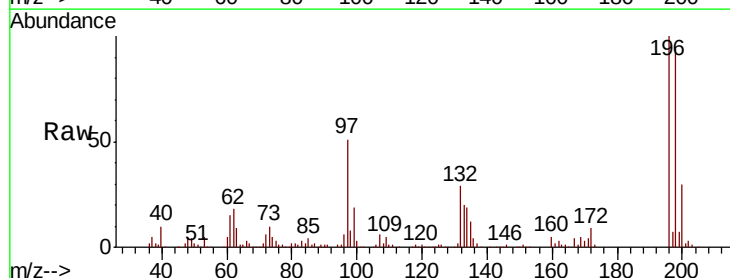
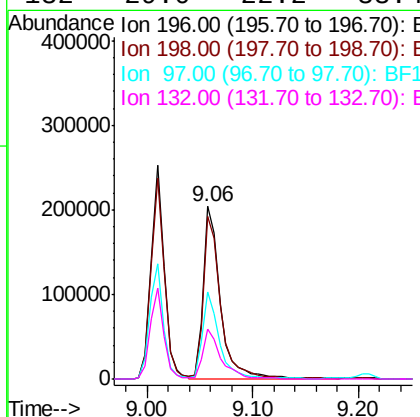
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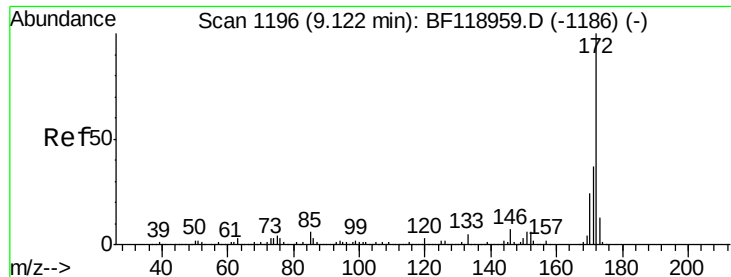
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#44
2,4,5-Trichlorophenol
Concen: 41.313 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF119254.D
Acq: 6 Mar 2020 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	228452		
198	94.2	76.8	115.2	
97	50.7	38.5	57.7	
132	29.0	22.2	33.4	





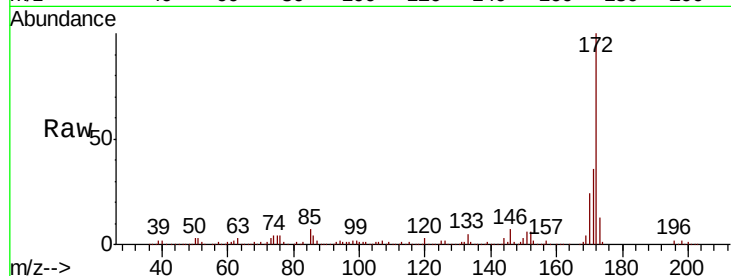
#45
2-Fluorobiphenyl
Concen: 65.266 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF119254.D
Acq: 6 Mar 2020 17:15

Instrument :
BNA_F
ClientSampled :
TP-3MS

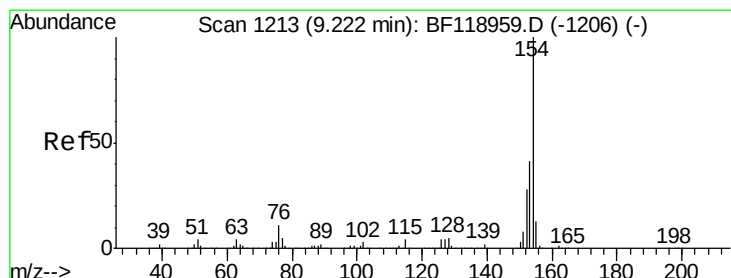
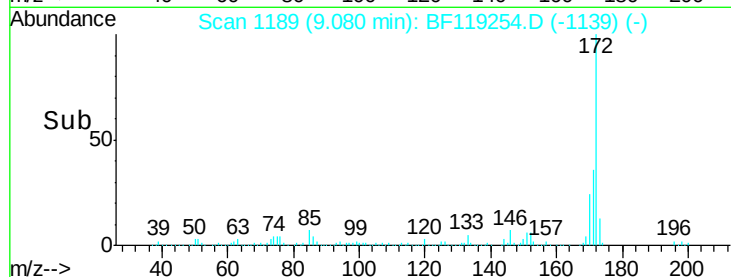
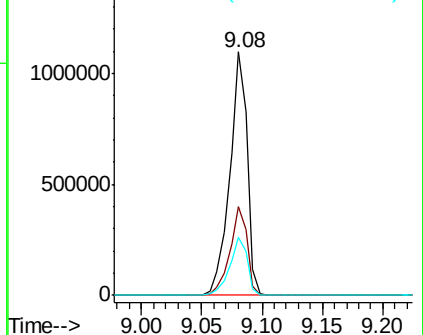
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	30.6	45.8
170	24.1	20.2	30.2

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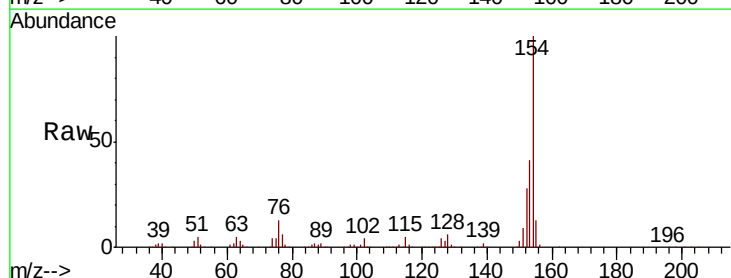


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

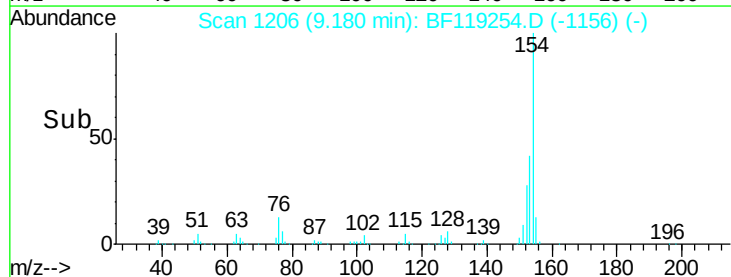
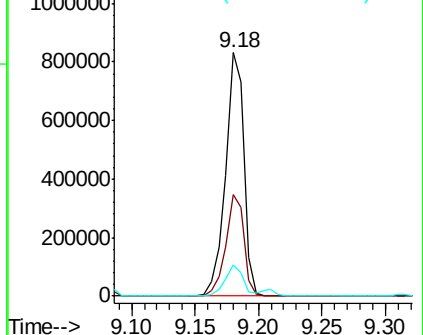


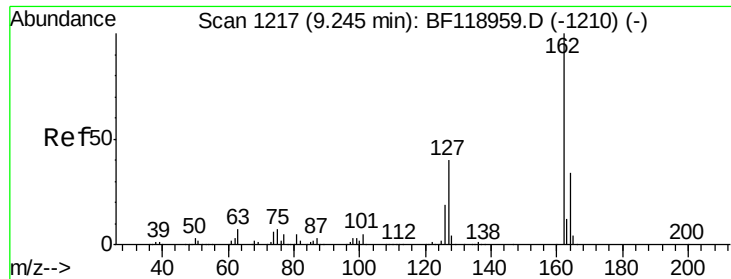
#46
1,1'-Biphenyl
Concen: 41.514 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF119254.D
Acq: 6 Mar 2020 17:15

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



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





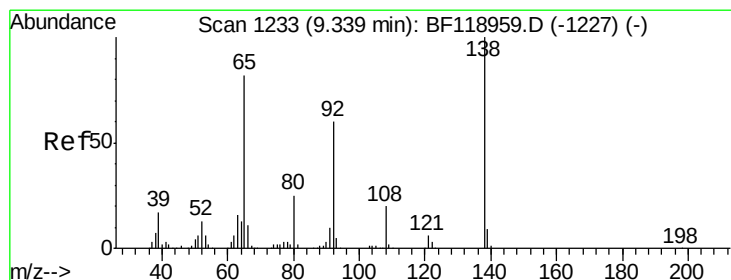
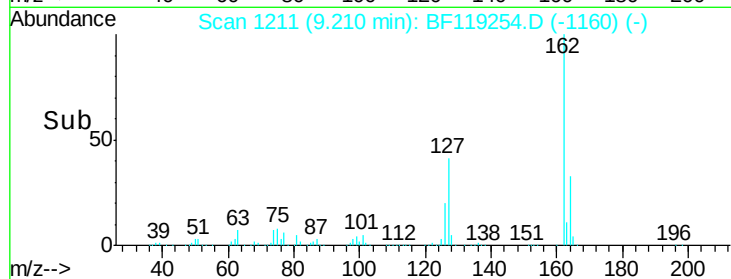
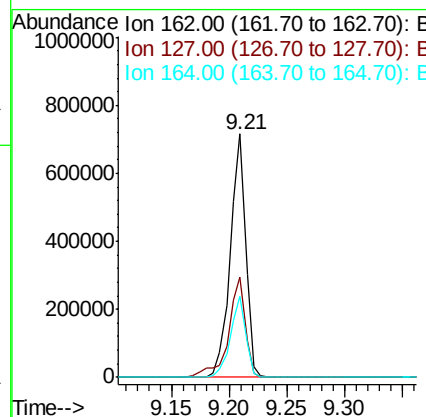
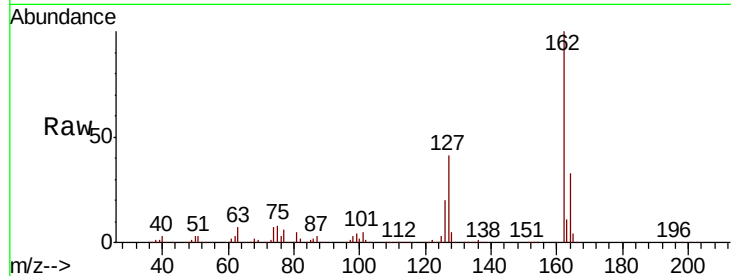
#47
2-Chloronaphthalene
Concen: 41.050 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF119254.D
Acq: 6 Mar 2020 17:15

Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	661723		
127	41.3		35.0	52.4
164	33.1		27.2	40.8

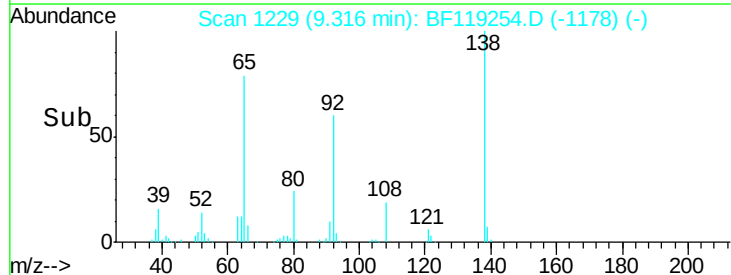
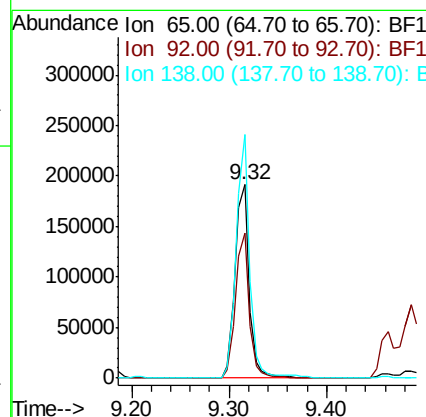
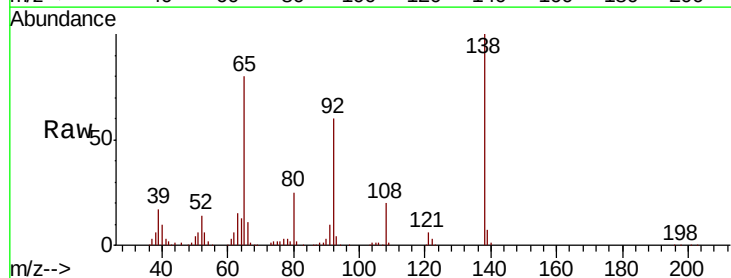
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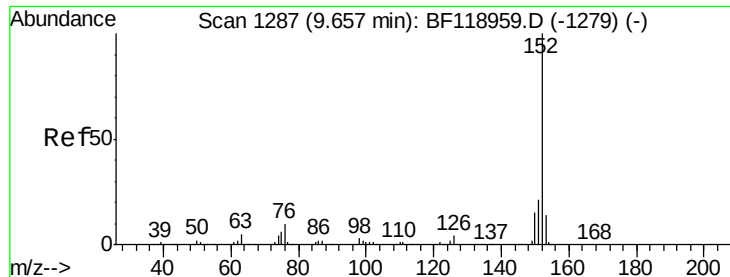
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#48
2-Nitroaniline
Concen: 43.584 ng
RT: 9.32 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BF119254.D
Acq: 6 Mar 2020 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	195956		
92	75.2		58.2	87.2
138	125.8		95.6	143.4





#49

Acenaphthylene

Concen: 43.647 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.00 min

Lab File: BF119254.D

Acq: 6 Mar 2020 17:15

Instrument :

BNA_F

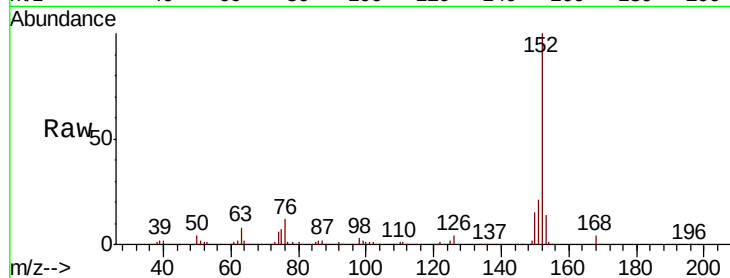
ClientSampled :

TP-3MS

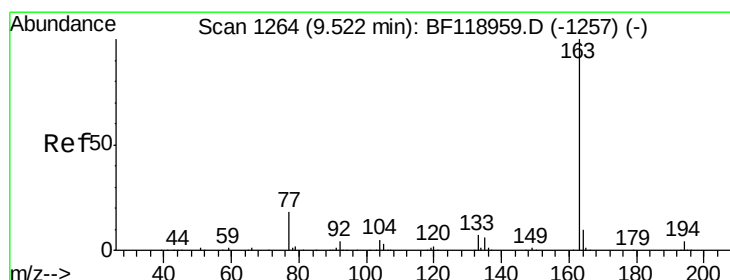
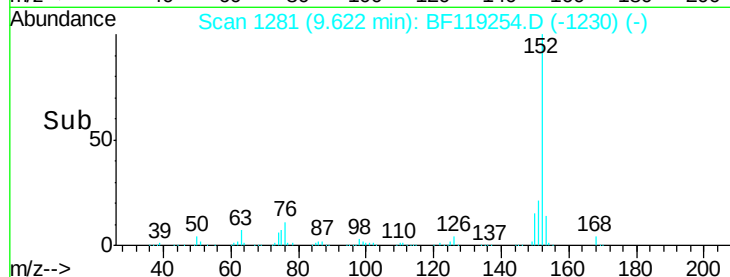
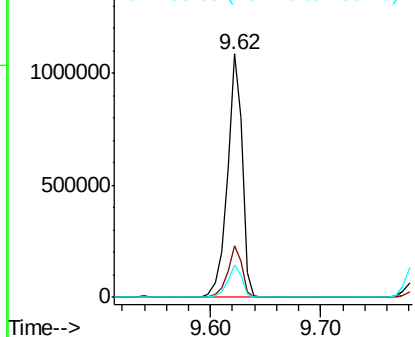
Tot Ion:	152	Resp:	1016170
Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.9	25.3
153	13.5	11.0	16.6

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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: 47.760 ng

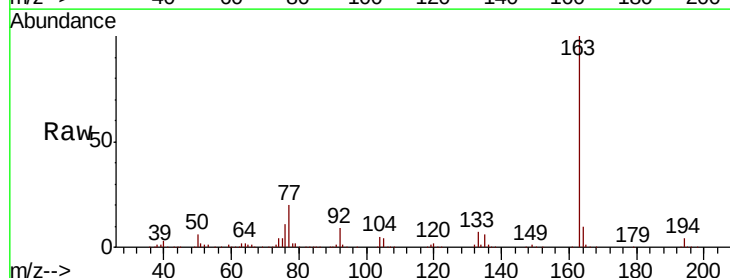
RT: 9.49 min Scan# 1258

Delta R.T. 0.00 min

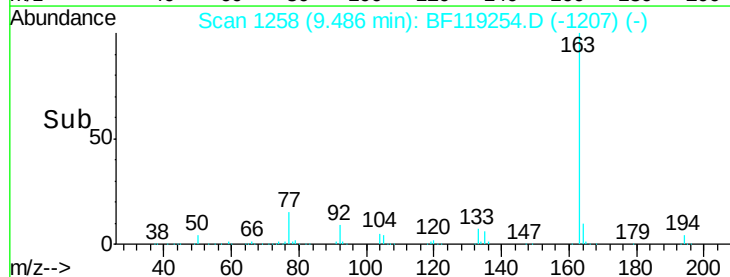
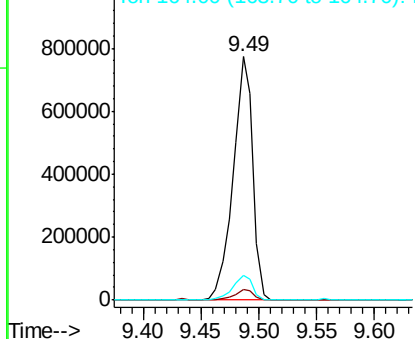
Lab File: BF119254.D

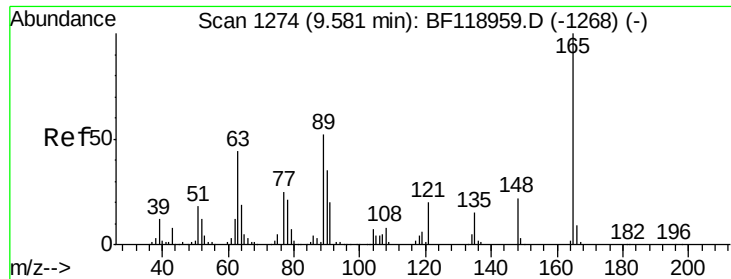
Acq: 6 Mar 2020 17:15

Tgt Ion:	163	Resp:	903919
Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.5	5.3
164	10.2	8.4	12.6



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





#51

2,6-Dinitrotoluene

Concen: 43.933 ng

RT: 9.56 min Scan# 1270

Delta R.T. 0.00 min

Lab File: BF119254.D

Acq: 6 Mar 2020 17:15

Instrument :

BNA_F

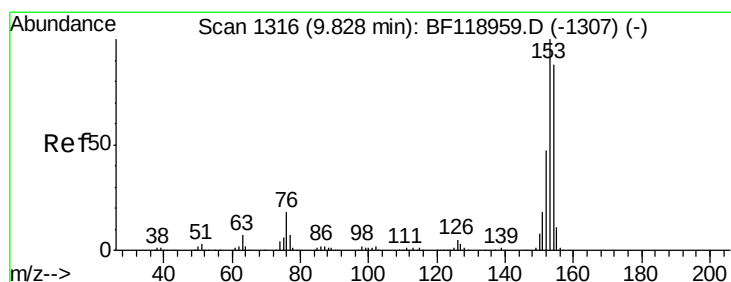
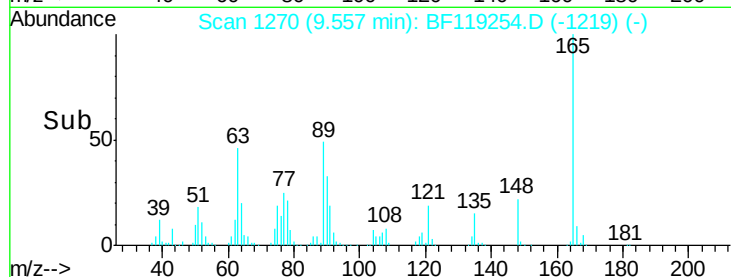
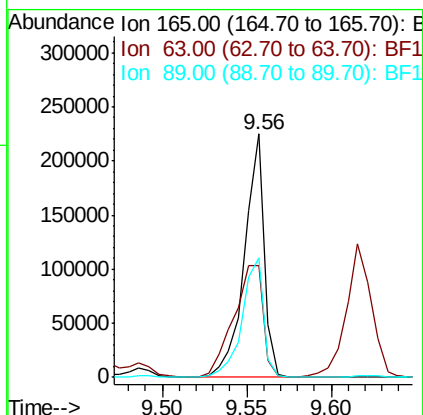
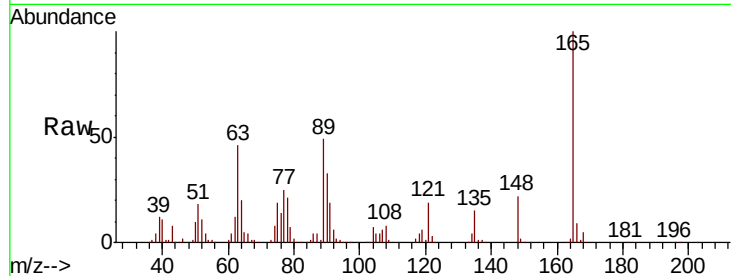
ClientSampleId :

TP-3MS

Tot Ion:	165	Resp:	184733
Ion Ratio	Lower	Upper	
165	100		
63	46.0	34.3	51.5
89	49.0	38.3	57.5

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#52

Acenaphthene

Concen: 43.595 ng

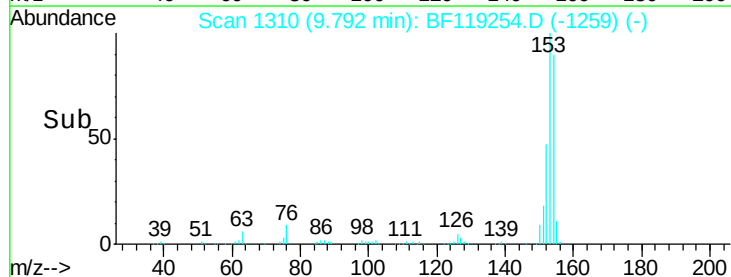
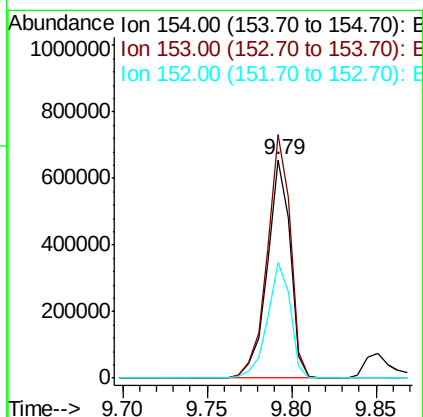
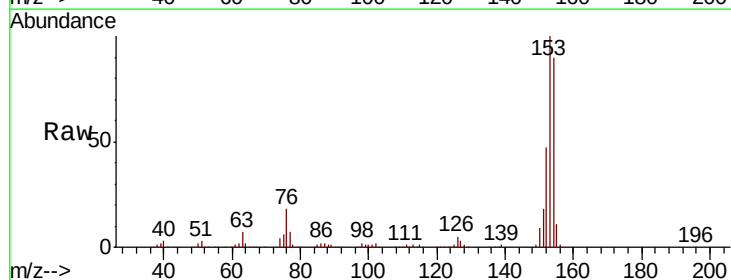
RT: 9.79 min Scan# 1310

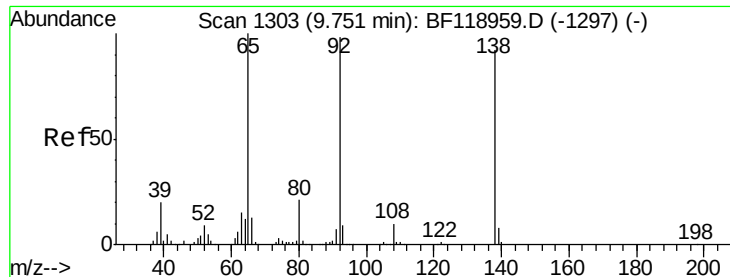
Delta R.T. 0.00 min

Lab File: BF119254.D

Acq: 6 Mar 2020 17:15

Tgt Ion:	154	Resp:	612015
Ion Ratio	Lower	Upper	
154	100		
153	111.5	90.3	135.5
152	52.9	43.8	65.8





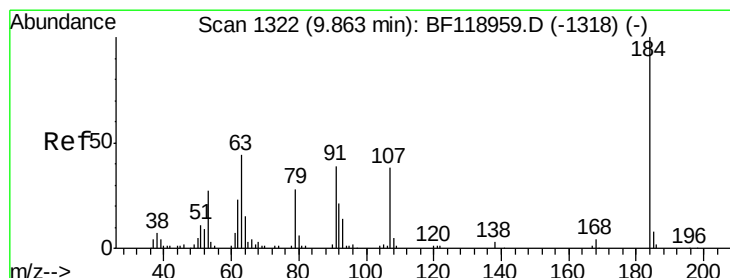
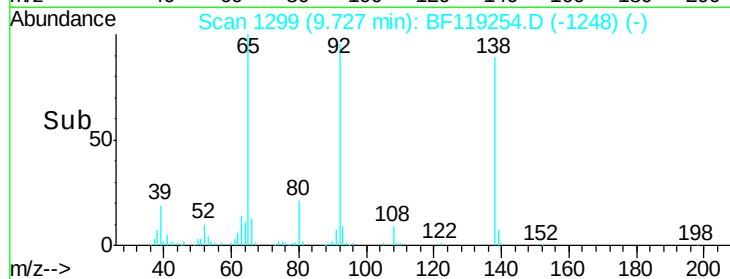
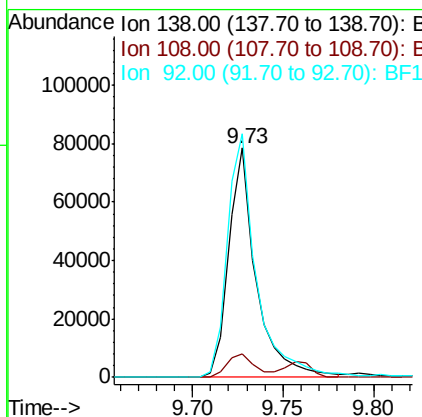
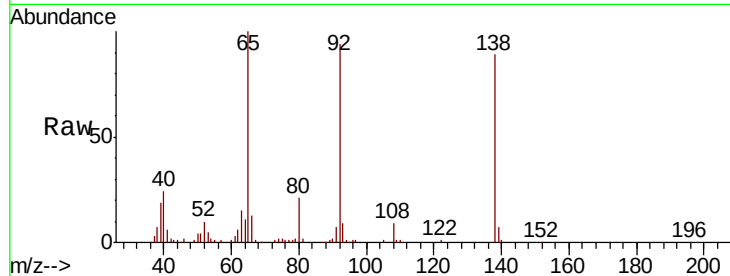
#53
3-Nitroaniline
Concen: 17.792 ng
RT: 9.73 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BF119254.D
Acq: 6 Mar 2020 17:15

Instrument :
BNA_F
ClientSampled :
TP-3MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.5	8.8	13.2
92	106.3	84.8	127.2

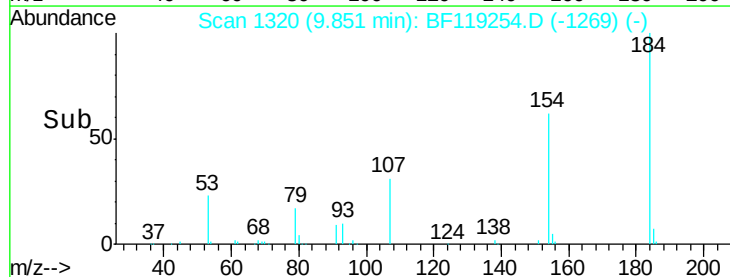
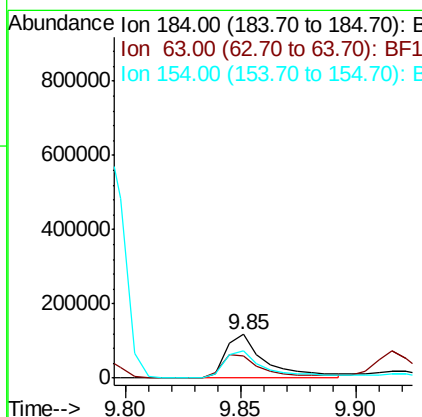
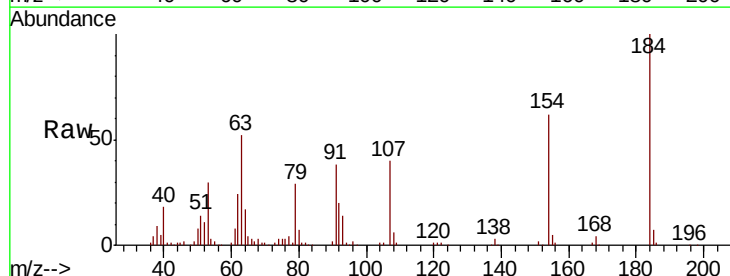
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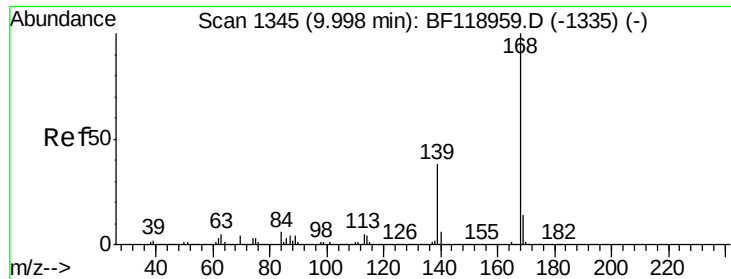
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#54
2,4-Dinitrophenol
Concen: 70.560 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF119254.D
Acq: 6 Mar 2020 17:15

Tgt Ion	Ratio	Lower	Upper
184	100		
63	52.1	38.7	58.1
154	62.2	49.7	74.5





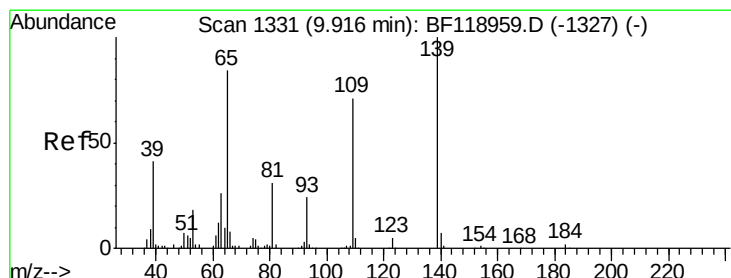
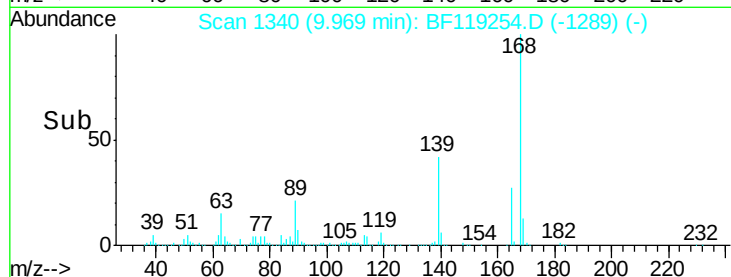
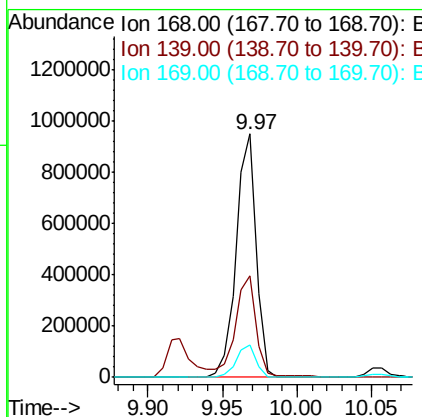
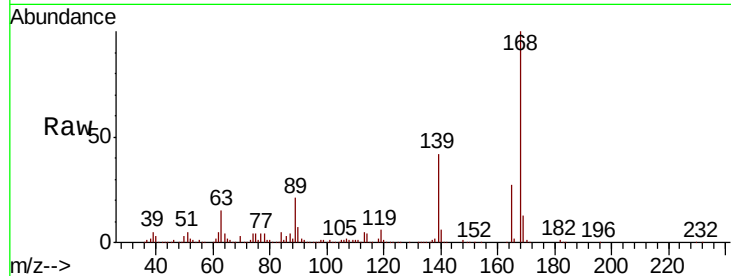
#55
Dibenzofuran
Concen: 42.727 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF119254.D
Acq: 6 Mar 2020 17:15

Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.7	34.0	51.0
169	13.3	11.0	16.4

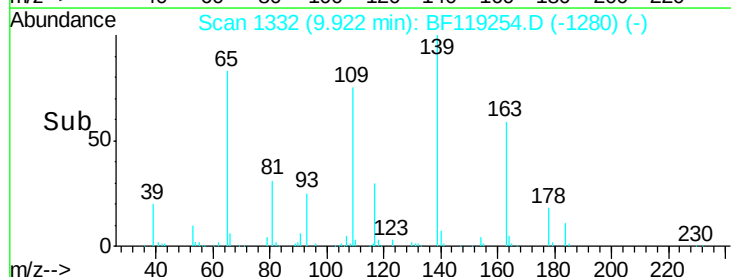
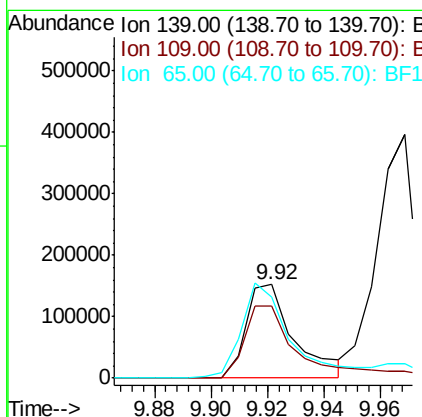
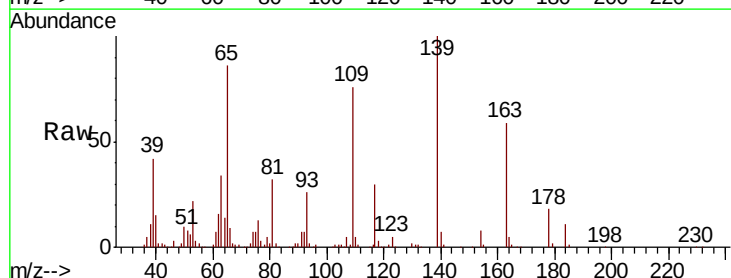
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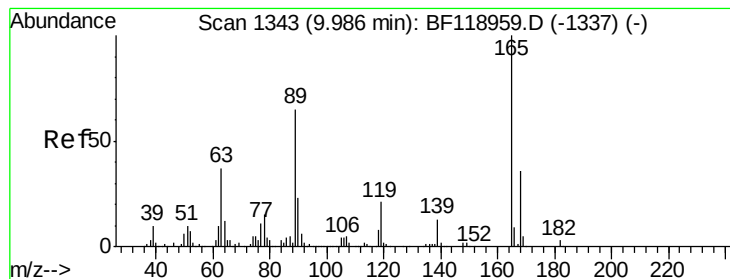
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#56
4-Nitrophenol
Concen: 64.639 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.01 min
Lab File: BF119254.D
Acq: 6 Mar 2020 17:15

Tgt Ion	Ratio	Lower	Upper
139	100		
109	76.5	56.7	96.7
65	86.1	65.0	105.0





#57

2,4-Dinitrotoluene

Concen: 43.575 ng

RT: 9.97 min Scan# 1340

Delta R.T. 0.00 min

Lab File: BF119254.D

Acq: 6 Mar 2020 17:15

Instrument :

BNA_F

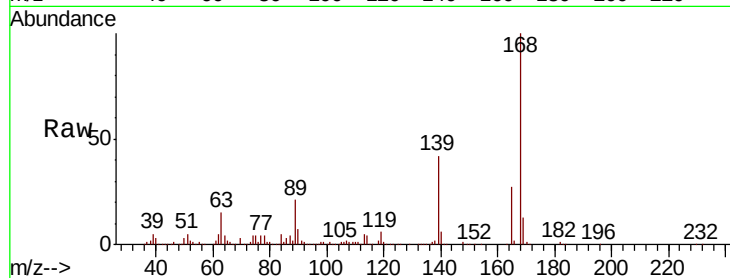
ClientSampled :

TP-3MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	237494		
63	56.7	42.3	63.5	
89	78.0	60.2	90.4	
182	2.8	2.3	3.5	

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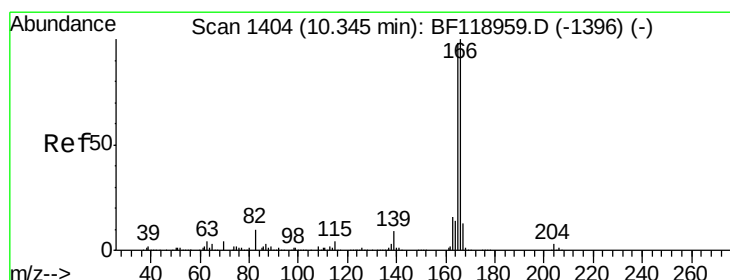
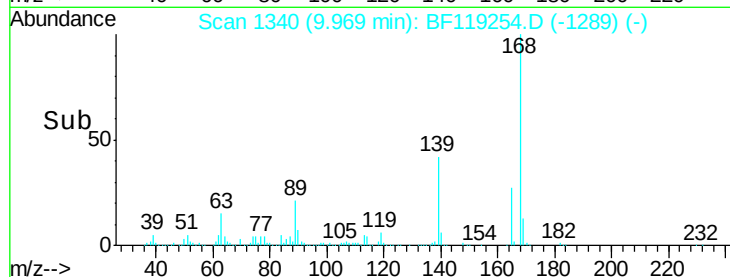
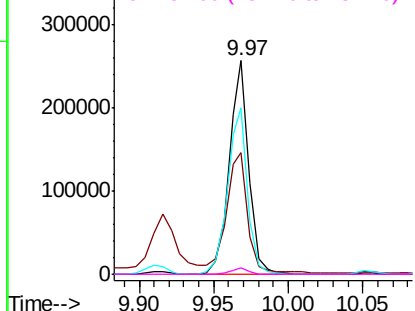


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 45.215 ng

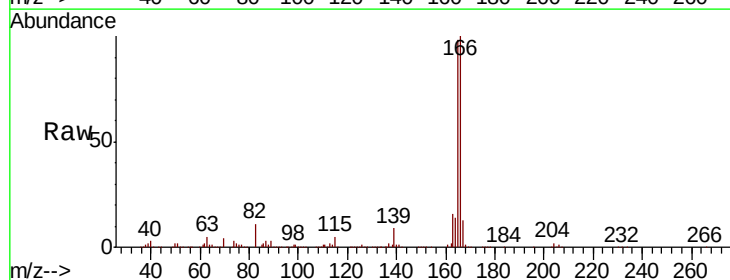
RT: 10.31 min Scan# 1398

Delta R.T. 0.00 min

Lab File: BF119254.D

Acq: 6 Mar 2020 17:15

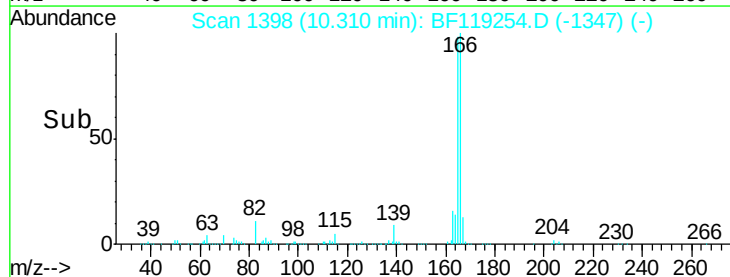
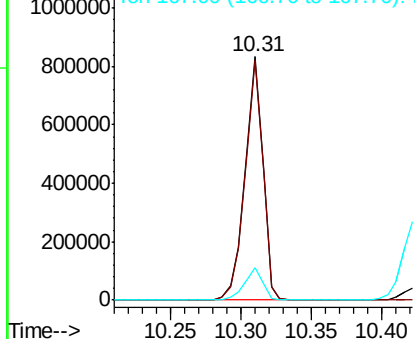
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	736212		
165	98.5	78.5	117.7	
167	13.4	11.0	16.4	

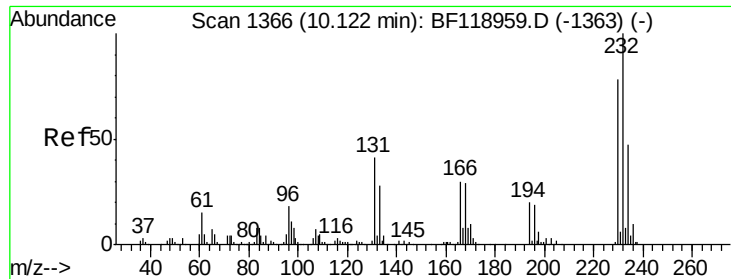


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





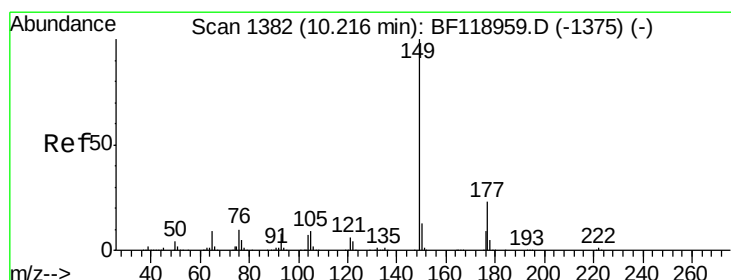
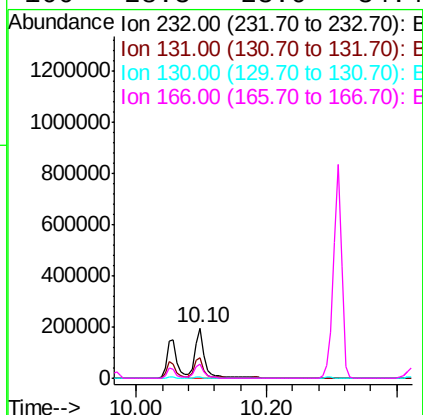
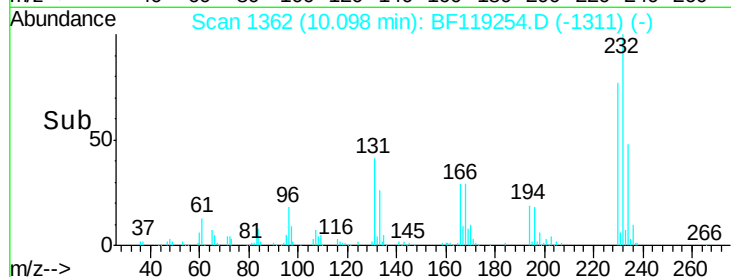
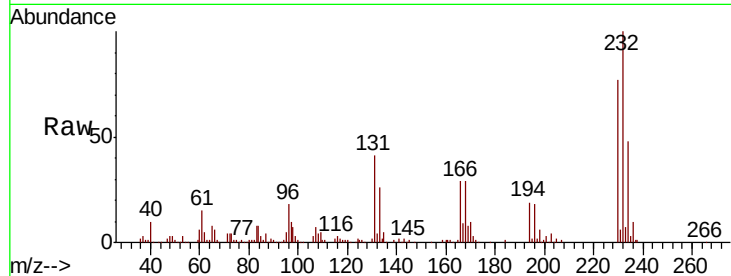
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.027 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BF119254.D
Acq: 6 Mar 2020 17:15

Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	40.3	33.8	50.8
130	2.4	1.8	2.6
166	28.3	23.0	34.4

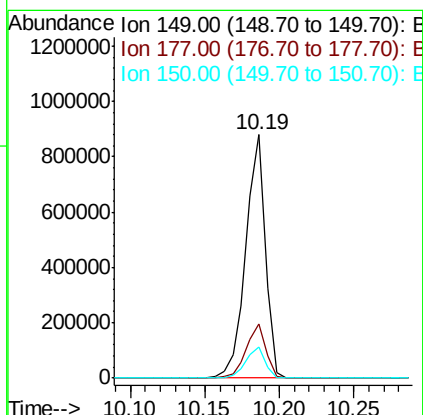
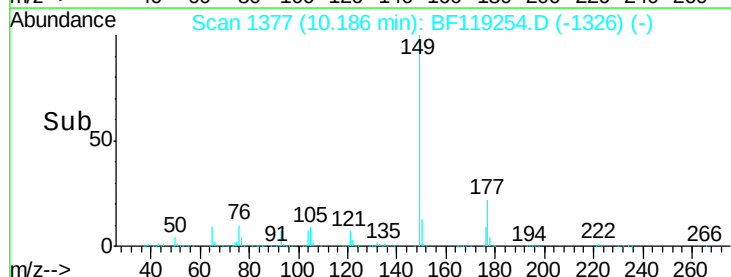
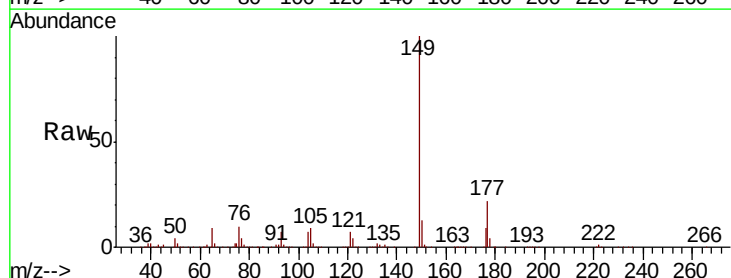
Manual Integrations
APPROVED

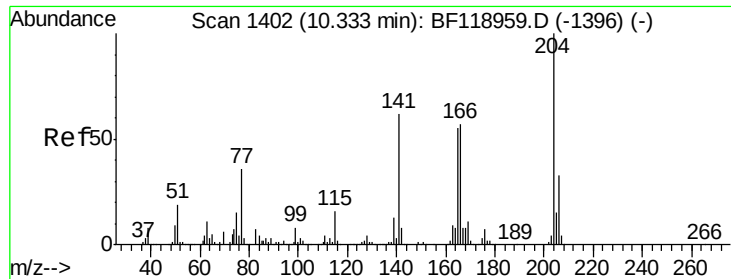
mohammad
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#60
Diethylphthalate
Concen: 44.888 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.00 min
Lab File: BF119254.D
Acq: 6 Mar 2020 17:15

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.2	18.2	27.2
150	12.8	10.5	15.7





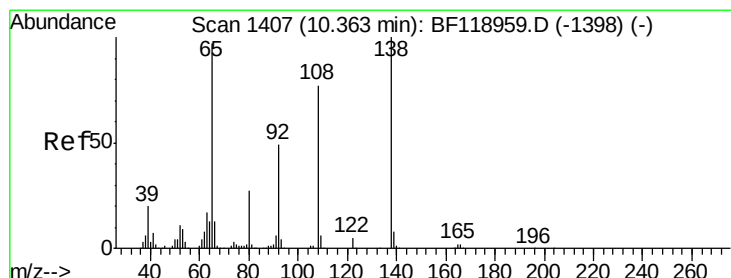
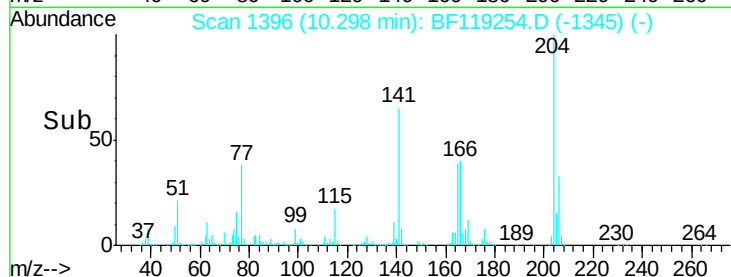
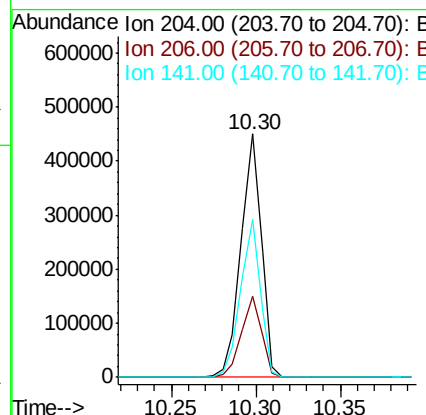
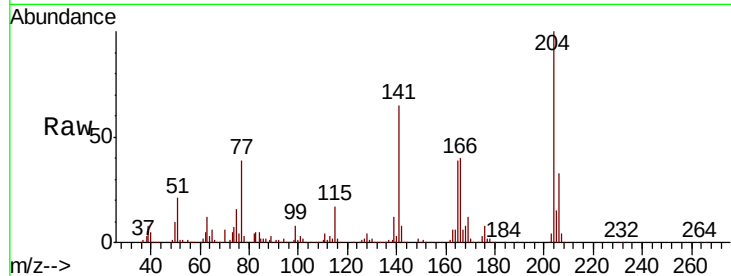
#61
4-Chlorophenyl-phenylether
Concen: 44.063 ng
RT: 10.30 min Scan# 1396
Delta R.T. 0.00 min
Lab File: BF119254.D
Acq: 6 Mar 2020 17:15

Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.4	27.1	40.7
141	65.1	52.9	79.3

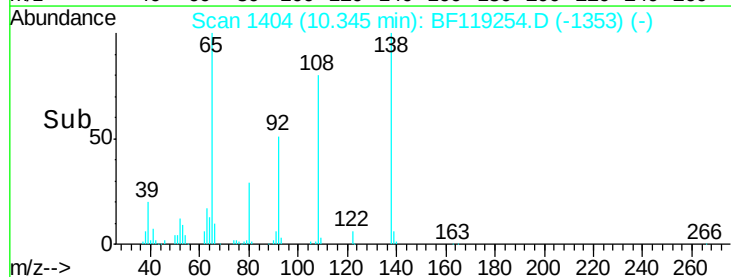
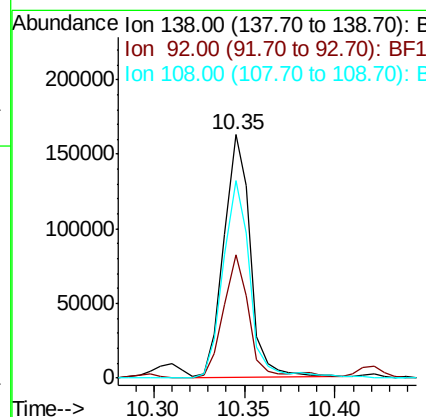
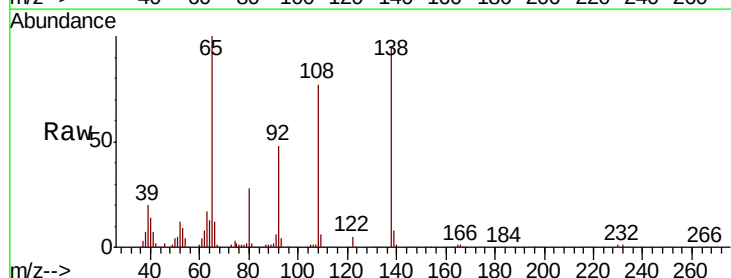
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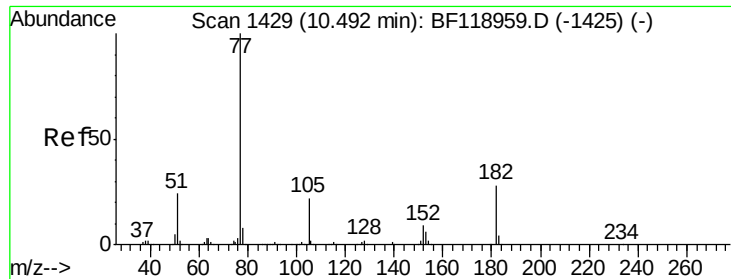
mohammad
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#62
4-Nitroaniline
Concen: 34.641 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.00 min
Lab File: BF119254.D
Acq: 6 Mar 2020 17:15

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.9	27.3	67.3
108	81.3	57.0	97.0





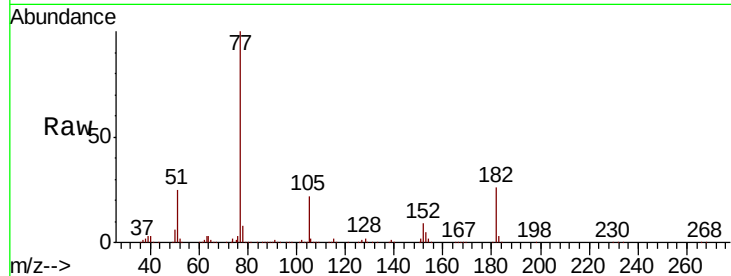
#63
Azobenzene
Concen: 46.259 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF119254.D
Acq: 6 Mar 2020 17:15

Instrument :
BNA_F
ClientSampleId :
TP-3MS

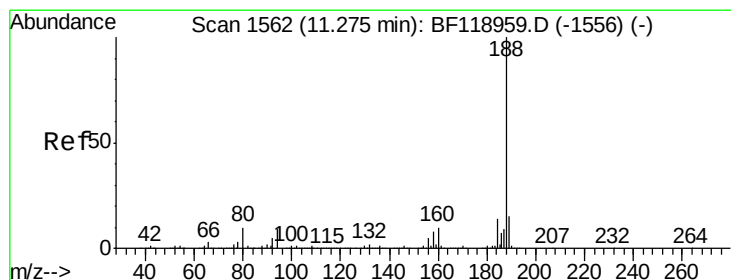
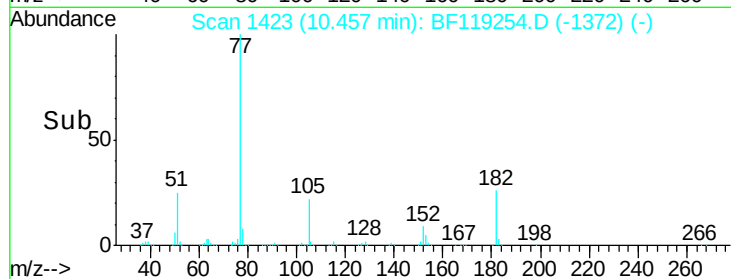
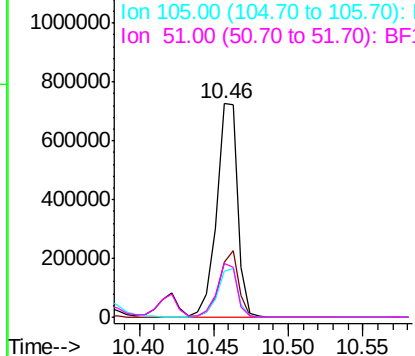
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	25.7	11.4	51.4	
105	21.7	3.4	43.4	
51	25.1	5.1	45.1	

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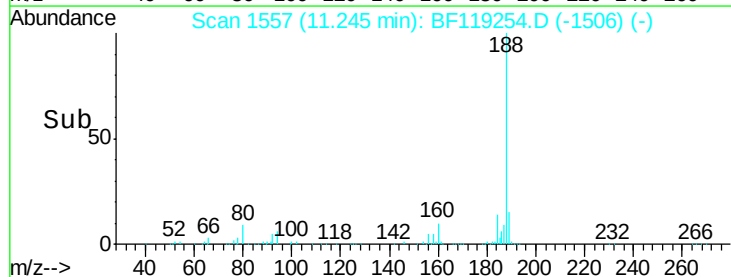
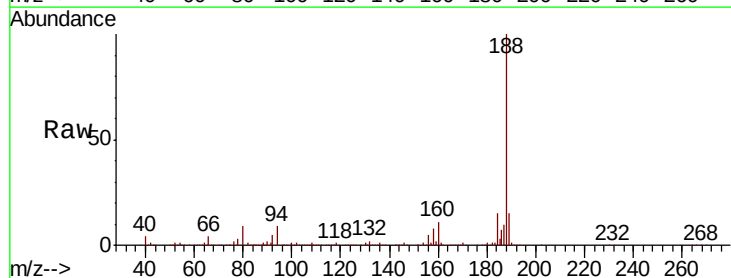
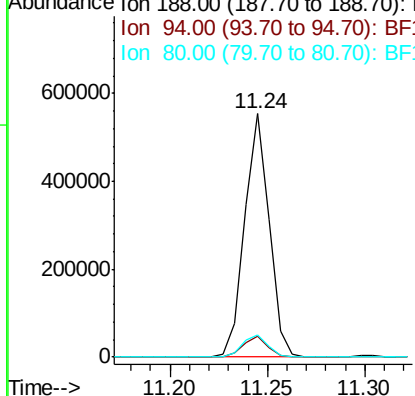
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

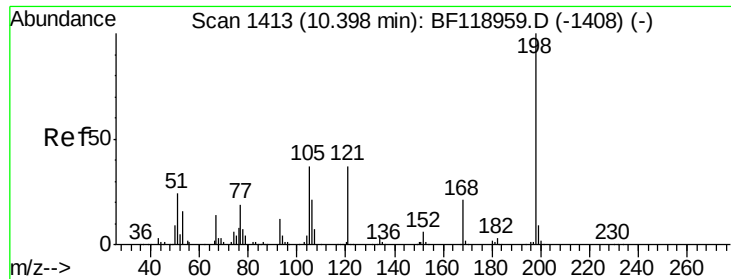


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF119254.D
Acq: 6 Mar 2020 17:15

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.6	7.1	10.7	
80	9.4	7.8	11.8	

Abundance Ion 188.00 (187.70 to 188.70): BF1
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





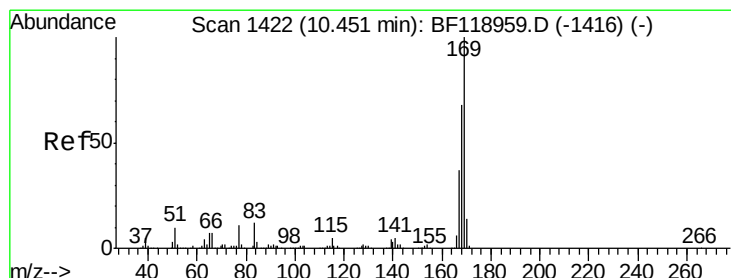
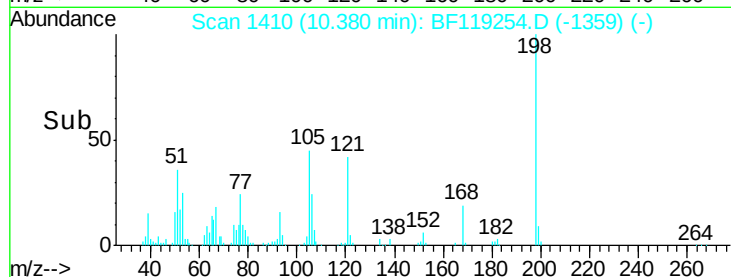
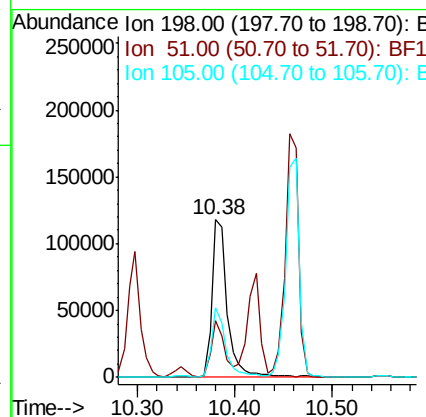
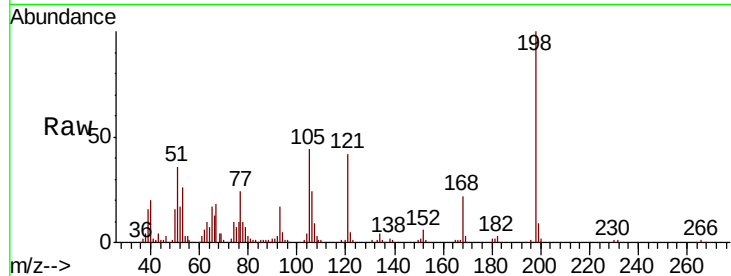
#65
4,6-Dinitro-2-methylphenol
Concen: 44.713 ng
RT: 10.38 min Scan# 1410
Delta R.T. 0.00 min
Lab File: BF119254.D
Acq: 6 Mar 2020 17:15

Instrument :
BNA_F
ClientSampled :
TP-3MS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	130583		
51	36.0	14.2	54.2	
105	44.3	22.7	62.7	

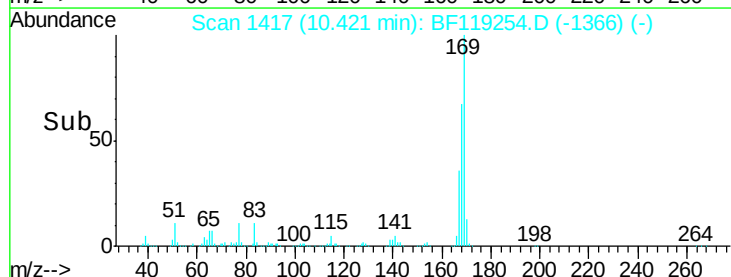
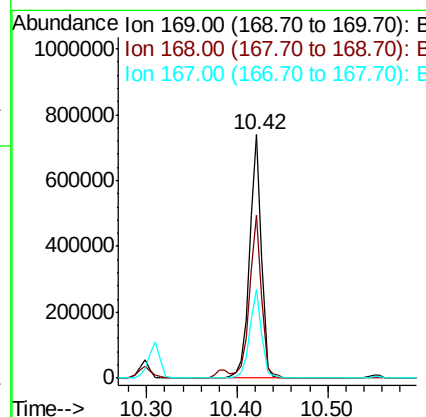
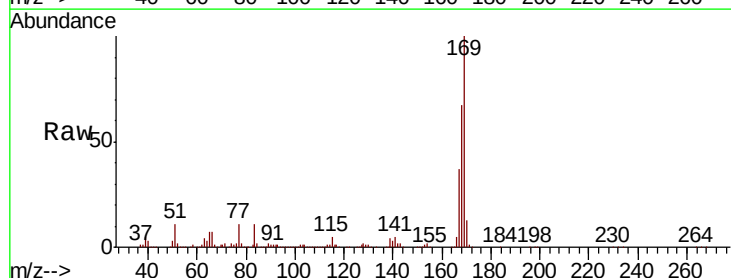
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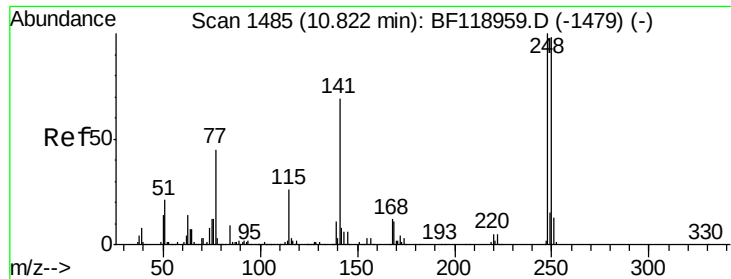
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#66
n-Nitrosodiphenylamine
Concen: 42.472 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BF119254.D
Acq: 6 Mar 2020 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	671182		
168	66.9	54.1	81.1	
167	36.6	29.4	44.0	





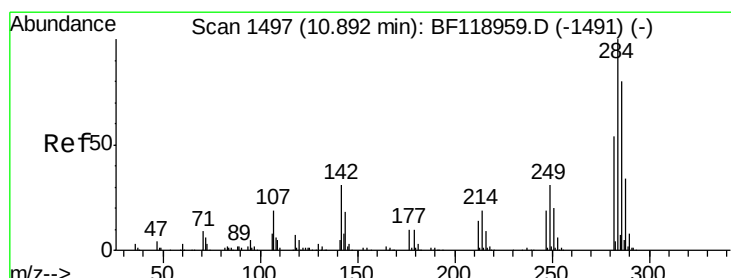
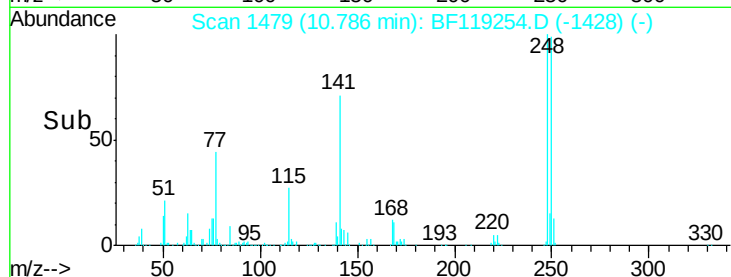
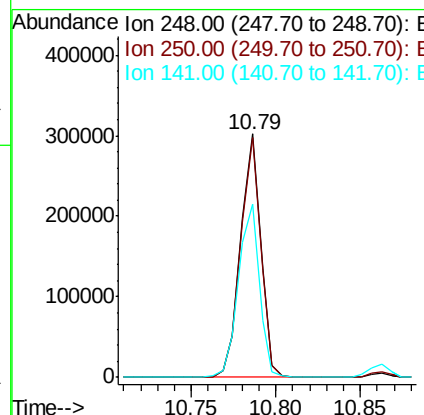
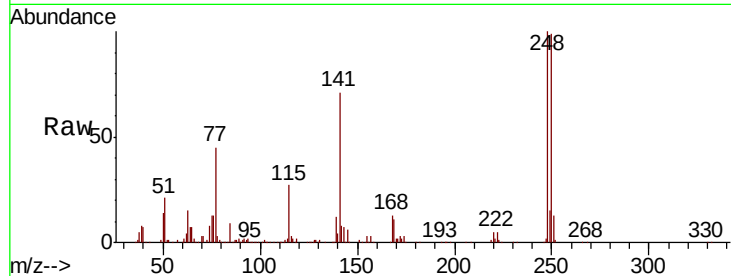
#67
4-Bromophenyl-phenylether
Concen: 40.079 ng
RT: 10.79 min Scan# 1479
Delta R.T. 0.00 min
Lab File: BF119254.D
Acq: 6 Mar 2020 17:15

Instrument :
BNA_F
ClientSampled :
TP-3MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.5	76.7	115.1
141	71.2	60.7	91.1

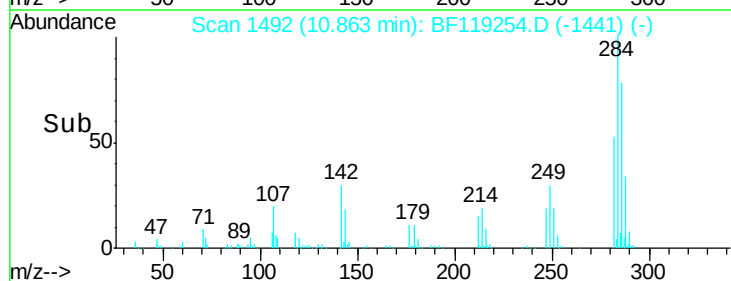
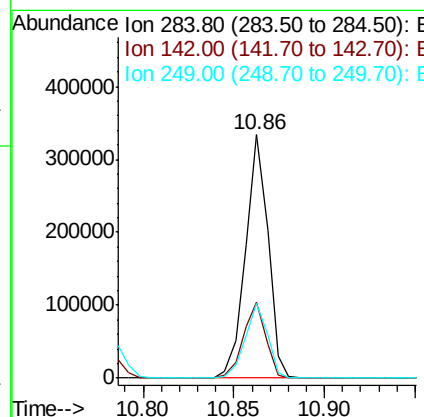
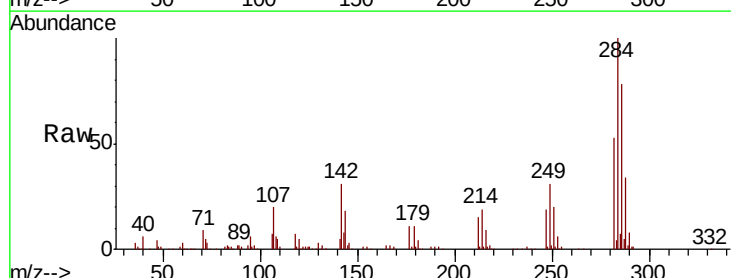
Manual Integrations
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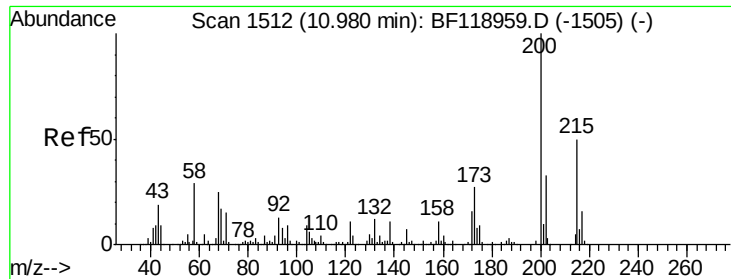
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#68
Hexachlorobenzene
Concen: 39.726 ng
RT: 10.86 min Scan# 1492
Delta R.T. 0.00 min
Lab File: BF119254.D
Acq: 6 Mar 2020 17:15

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.1	23.7	35.5
249	30.8	25.0	37.6





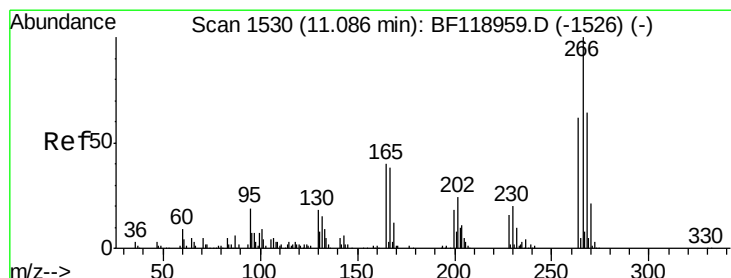
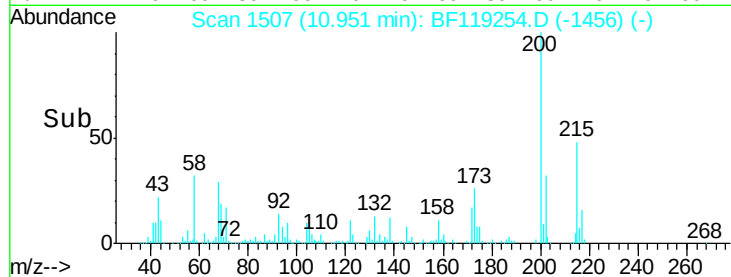
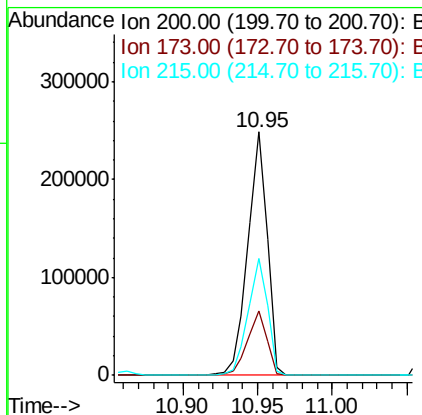
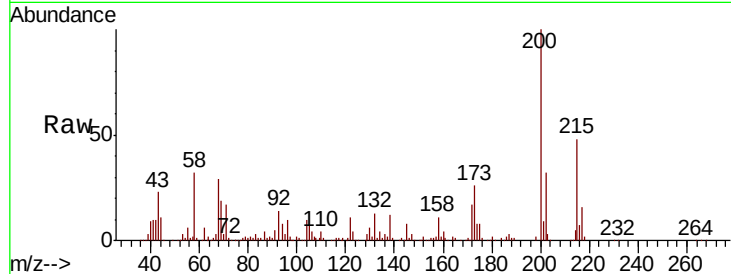
#69
Atrazine
Concen: 40.642 ng
RT: 10.95 min Scan# 1507
Delta R.T. 0.00 min
Lab File: BF119254.D
Acq: 6 Mar 2020 17:15

Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	224400		
173	26.4	6.4	46.4	
215	47.8	27.4	67.4	

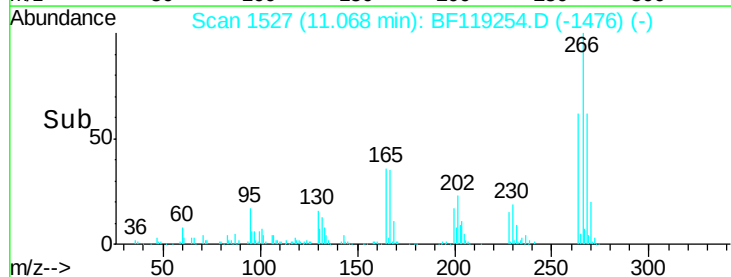
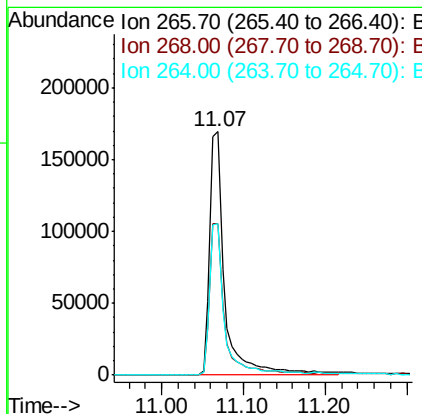
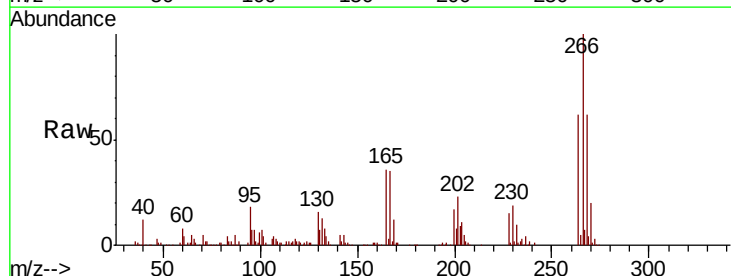
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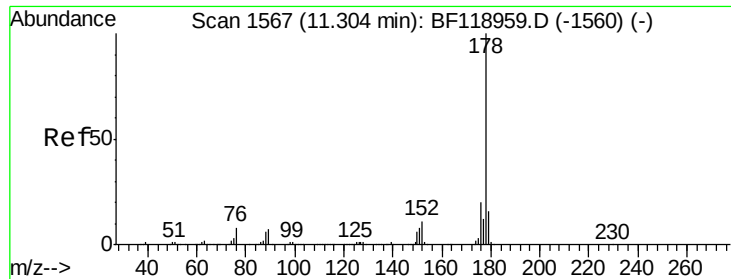
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#70
Pentachlorophenol
Concen: 74.756 ng
RT: 11.07 min Scan# 1527
Delta R.T. 0.00 min
Lab File: BF119254.D
Acq: 6 Mar 2020 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	219028		
268	62.2	51.9	77.9	
264	62.2	51.0	76.4	





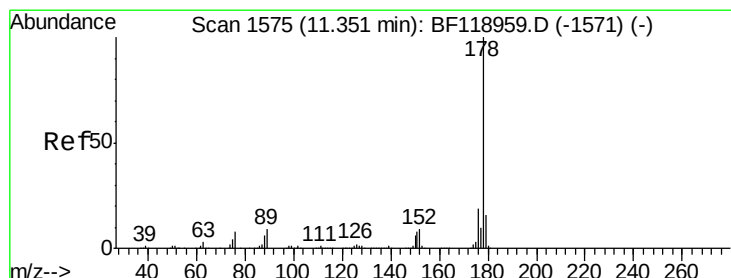
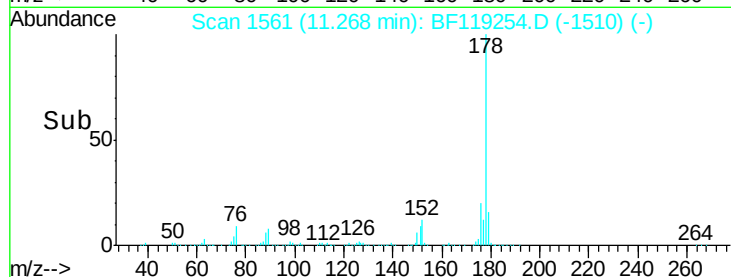
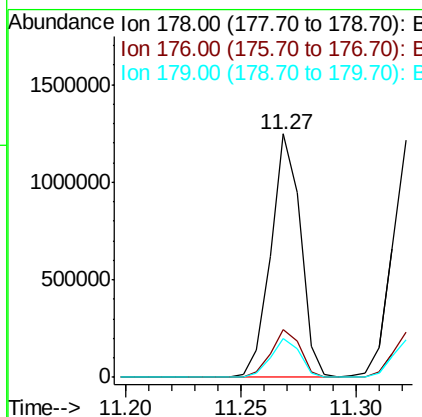
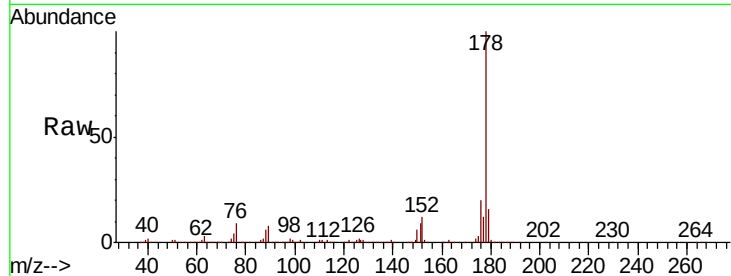
#71
Phenanthrene
Concen: 42.245 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.00 min
Lab File: BF119254.D
Acq: 6 Mar 2020 17:15

Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tot Ion:178 Resp: 1111883
Ion Ratio Lower Upper
178 100
176 19.7 16.5 24.7
179 15.7 13.0 19.6

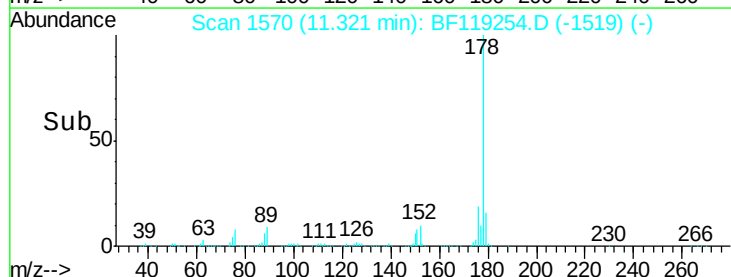
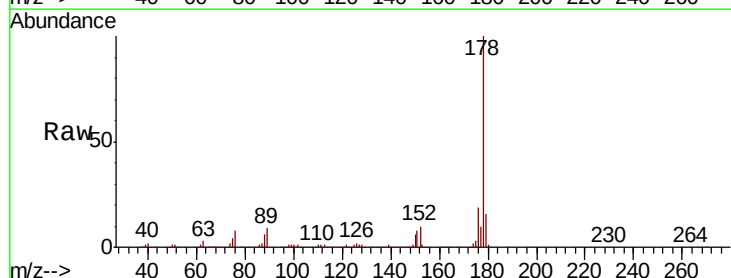
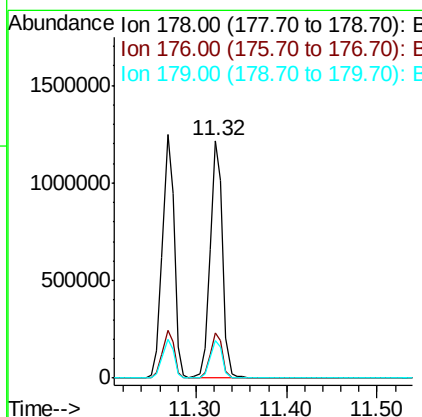
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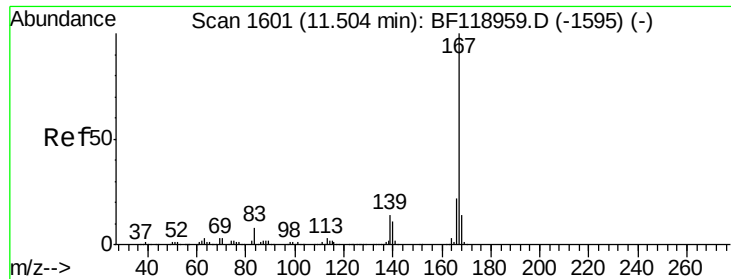
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#72
Anthracene
Concen: 44.729 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF119254.D
Acq: 6 Mar 2020 17:15

Tgt Ion:178 Resp: 1176287
Ion Ratio Lower Upper
178 100
176 19.3 16.0 24.0
179 15.9 13.1 19.7





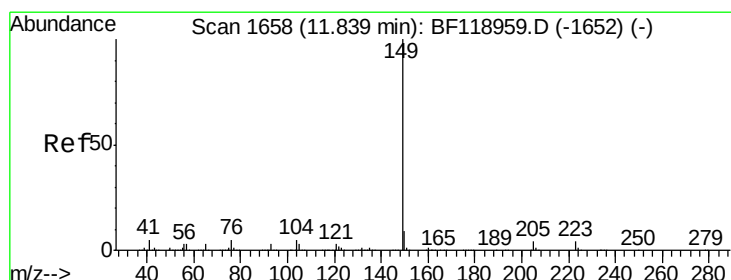
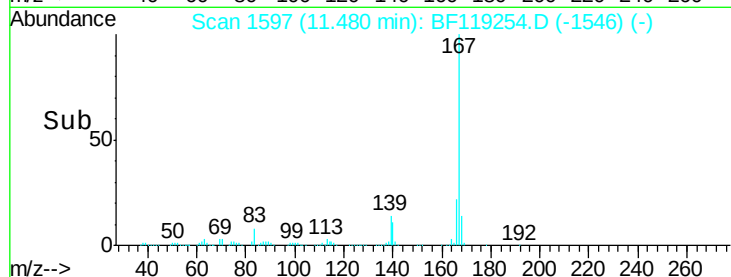
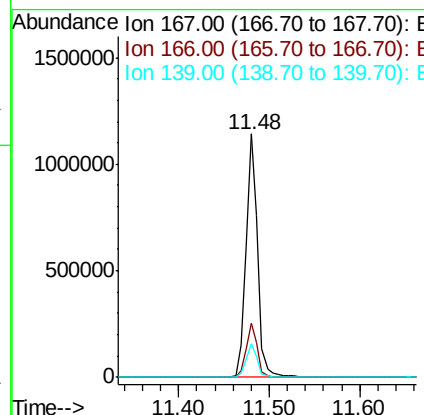
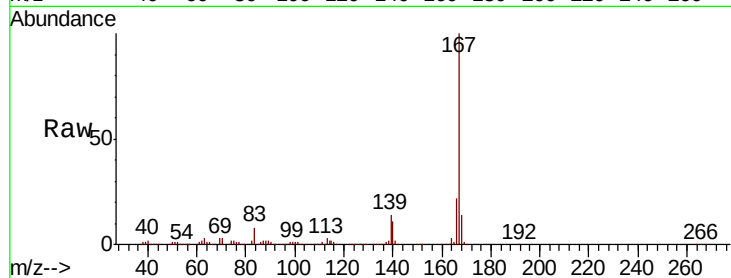
#73
 Carbazole
 Concen: 44.089 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. 0.00 min
 Lab File: BF119254.D
 Acq: 6 Mar 2020 17:15

Instrument :
 BNA_F
 ClientSampleId :
 TP-3MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.3	18.2	27.4
139	14.1	11.7	17.5

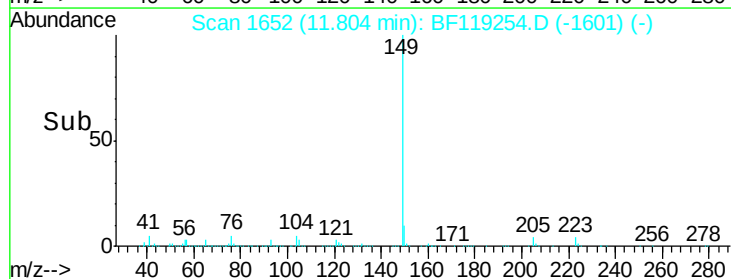
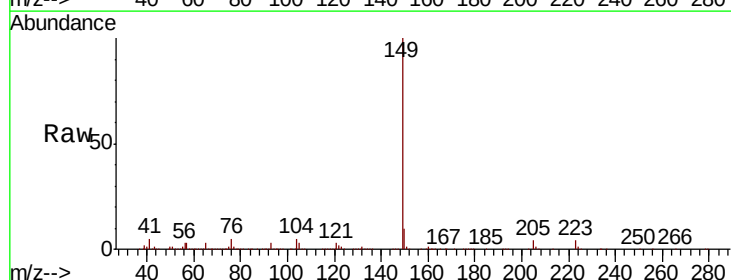
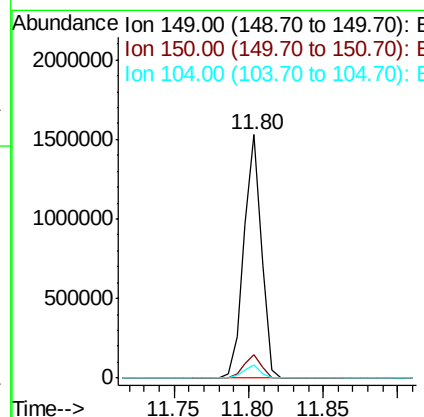
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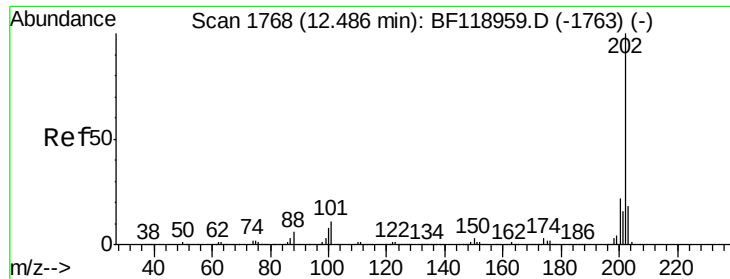
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#74
 Di-n-butylphthalate
 Concen: 44.252 ng
 RT: 11.80 min Scan# 1652
 Delta R.T. 0.00 min
 Lab File: BF119254.D
 Acq: 6 Mar 2020 17:15

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.9	11.9
104	5.2	4.6	6.8





#75

Fluoranthene

Concen: 44.291 ng

RT: 12.46 min Scan# 1763

Delta R.T. 0.00 min

Lab File: BF119254.D

Acq: 6 Mar 2020 17:15

Instrument :

BNA_F

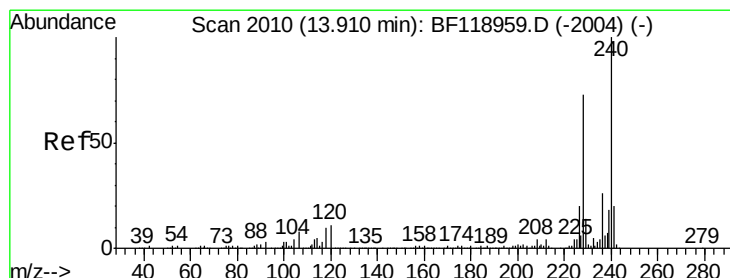
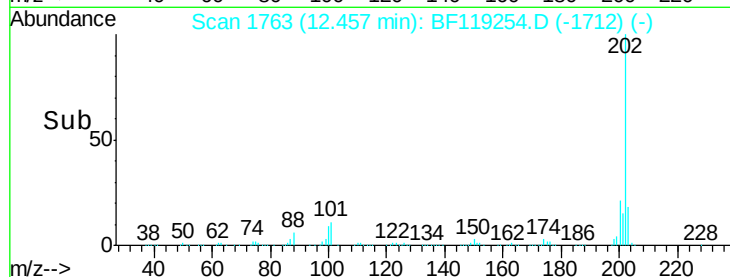
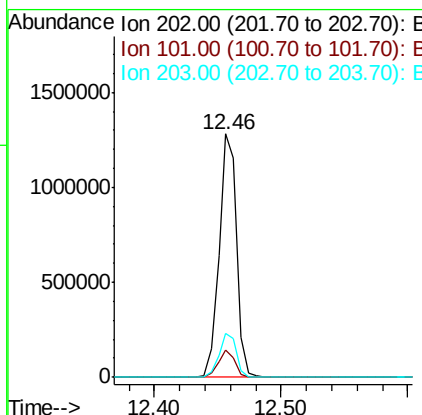
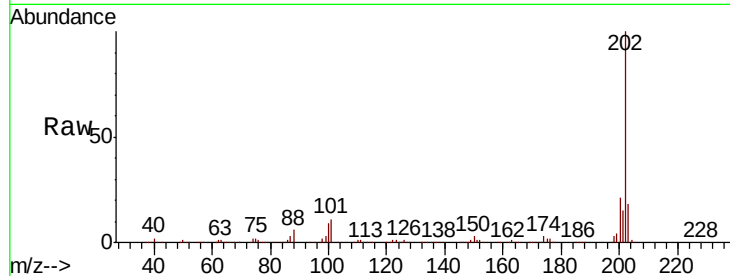
ClientSampleId :

TP-3MS

Tot Ion:	202	Resp:	1237394
Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	30.3
203	18.1	0.0	38.4

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#76

Chrysene-d12

Concen: 20.000 ng

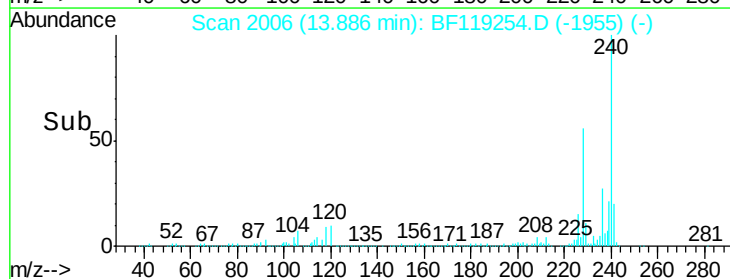
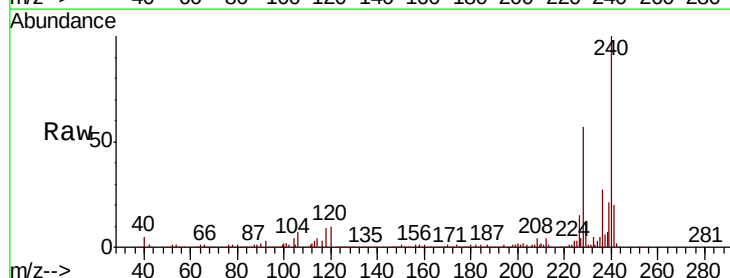
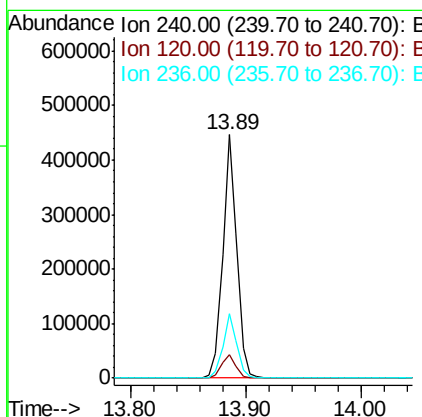
RT: 13.89 min Scan# 2006

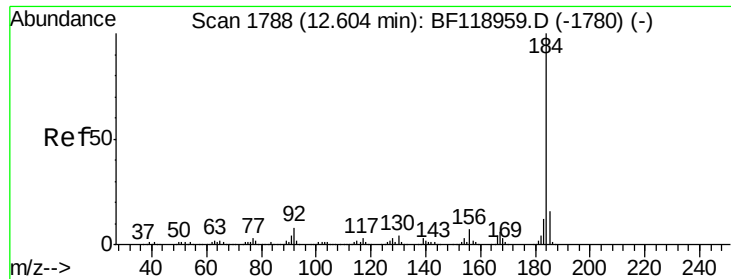
Delta R.T. 0.00 min

Lab File: BF119254.D

Acq: 6 Mar 2020 17:15

Tgt Ion:	240	Resp:	373776
Ion	Ratio	Lower	Upper
240	100		
120	9.5	8.4	12.6
236	26.7	21.0	31.4





#77

Benzidine

Concen: 25.277 ng

RT: 12.58 min Scan# 1784

Delta R.T. 0.00 min

Lab File: BF119254.D

Acq: 6 Mar 2020 17:15

Instrument :

BNA_F

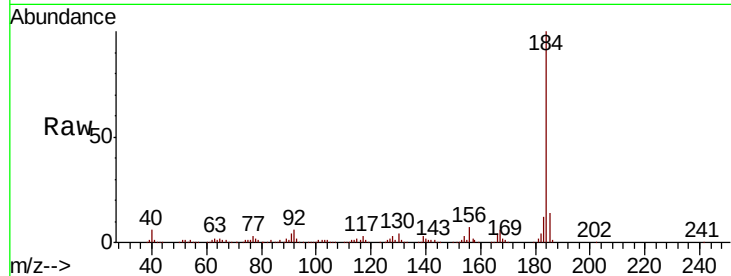
ClientSampled :

TP-3MS

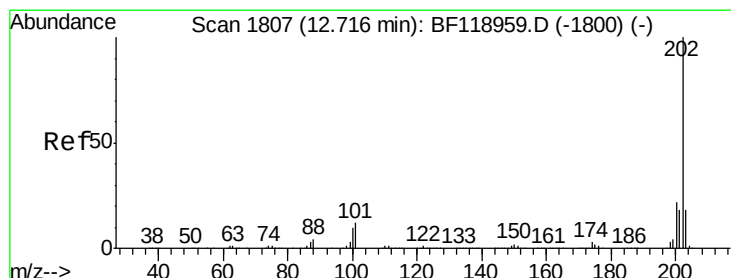
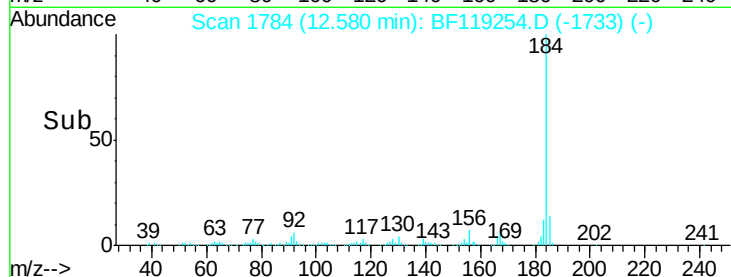
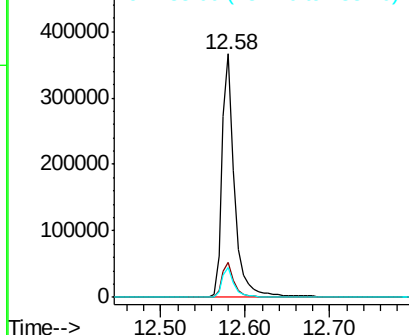
Tot Ion:	184	Resp:	384240
Ion Ratio	Lower	Upper	
184	100		
185	14.3	12.2	18.4
183	12.3	9.9	14.9

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.705 ng

RT: 12.69 min Scan# 1802

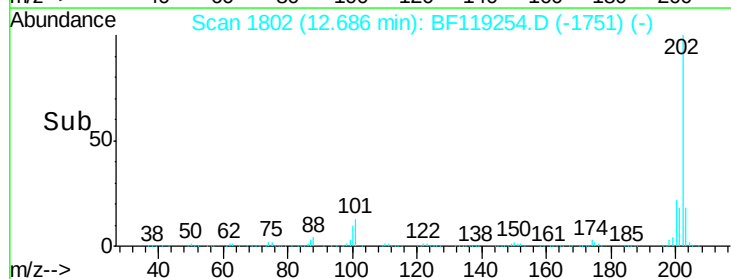
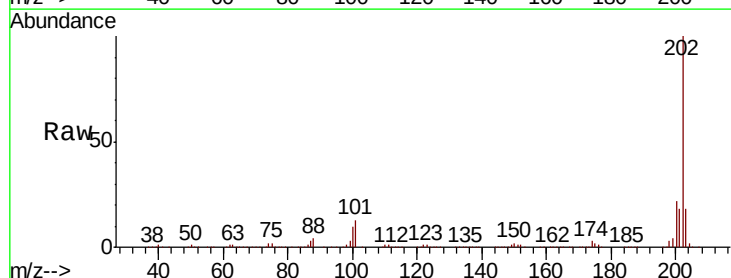
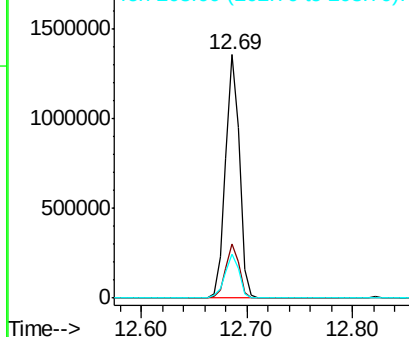
Delta R.T. 0.00 min

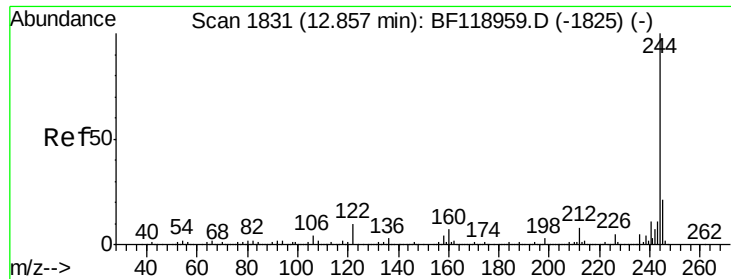
Lab File: BF119254.D

Acq: 6 Mar 2020 17:15

Tgt Ion:	202	Resp:	1251731
Ion Ratio	Lower	Upper	
202	100		
200	22.3	18.0	27.0
203	18.2	14.6	22.0

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





#79

Terphenyl-d14

Concen: 69.215 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.00 min

Lab File: BF119254.D

Acq: 6 Mar 2020 17:15

Instrument :

BNA_F

ClientSampled :

TP-3MS

Tot Ion:244 Resp: 1502651

Ion Ratio Lower Upper

244 100

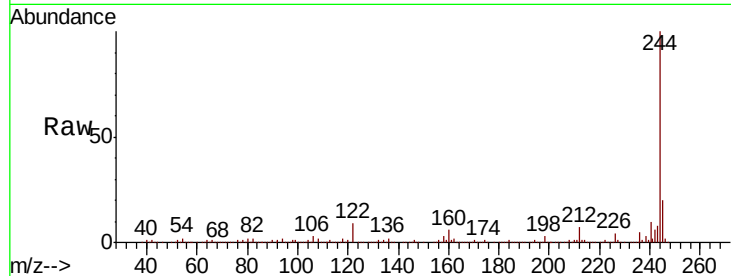
212 7.1 6.6 10.0

122 8.8 8.2 12.2

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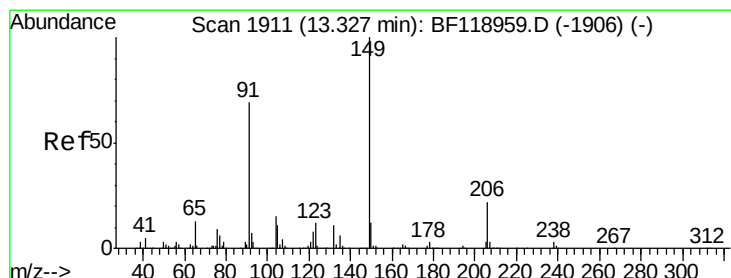
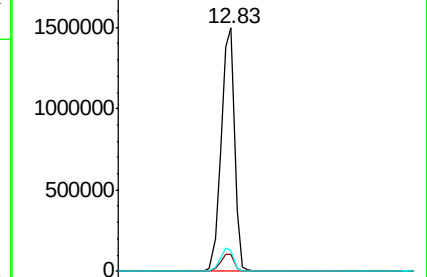
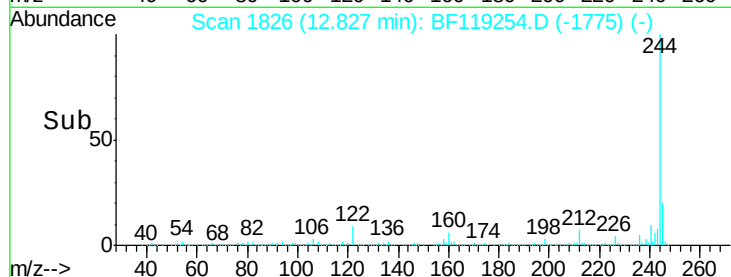
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Abundance Ion 244.00 (243.70 to 244.70): E

2000000 Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 43.697 ng

RT: 13.30 min Scan# 1906

Delta R.T. 0.00 min

Lab File: BF119254.D

Acq: 6 Mar 2020 17:15

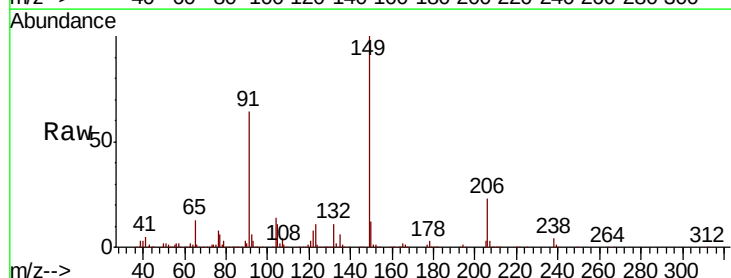
Tgt Ion:149 Resp: 551979

Ion Ratio Lower Upper

149 100

91 64.4 52.3 78.5

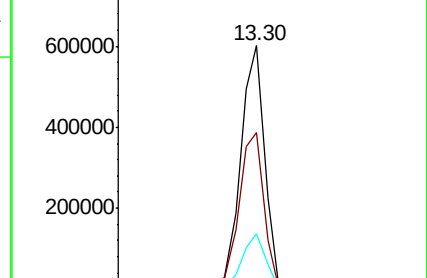
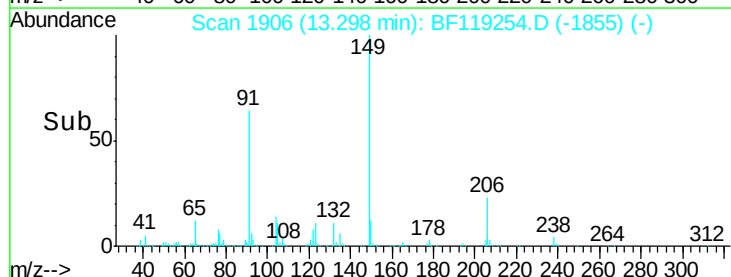
206 22.8 18.5 27.7

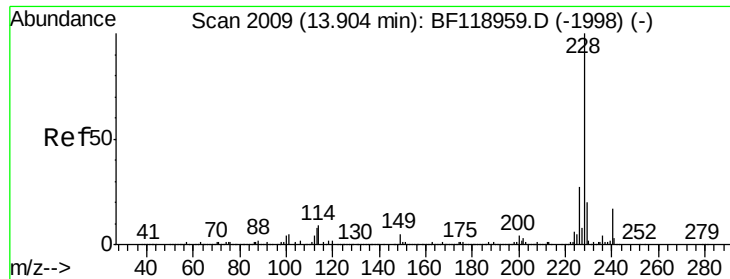


Abundance Ion 149.00 (148.70 to 149.70): E

800000 Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





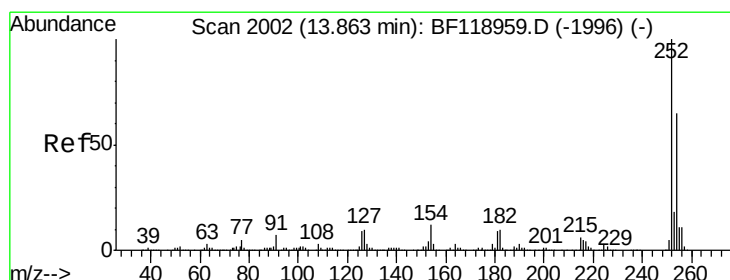
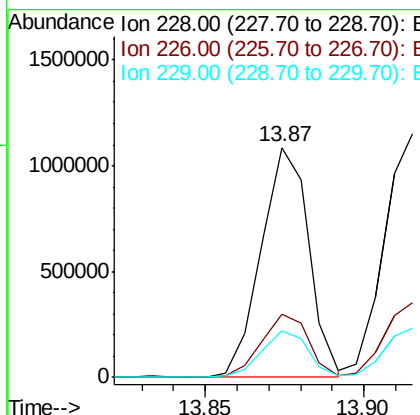
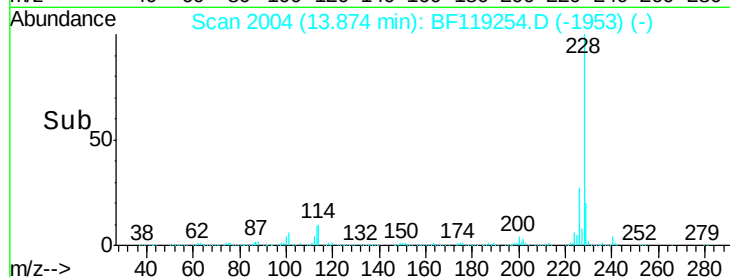
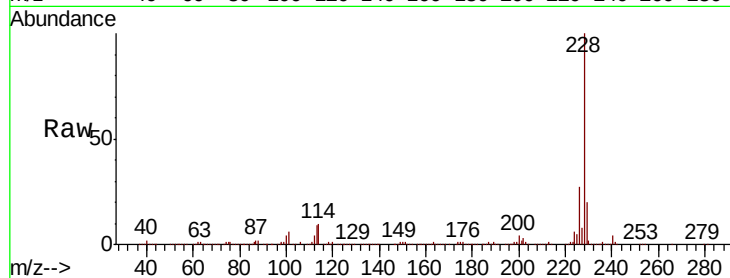
#81
Benzo(a)anthracene
Concen: 44.429 ng
RT: 13.87 min Scan# 2004
Delta R.T. 0.00 min
Lab File: BF119254.D
Acq: 6 Mar 2020 17:15

Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tot Ion:228 Resp: 1131497
Ion Ratio Lower Upper
228 100
226 27.3 22.6 33.8
229 20.2 16.6 24.8

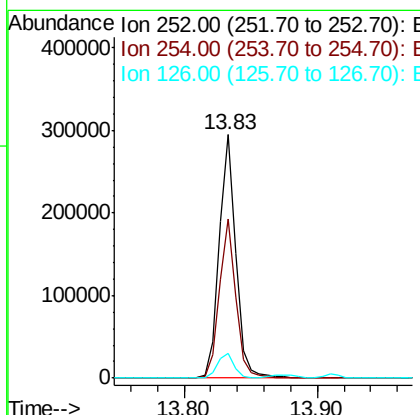
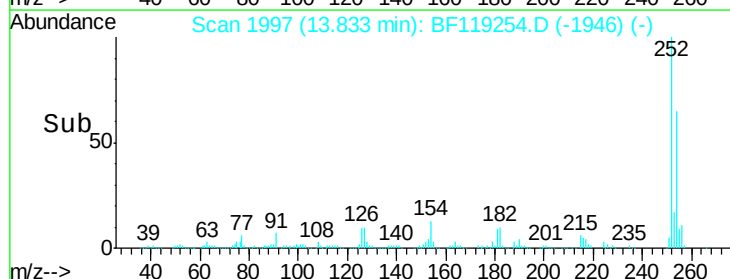
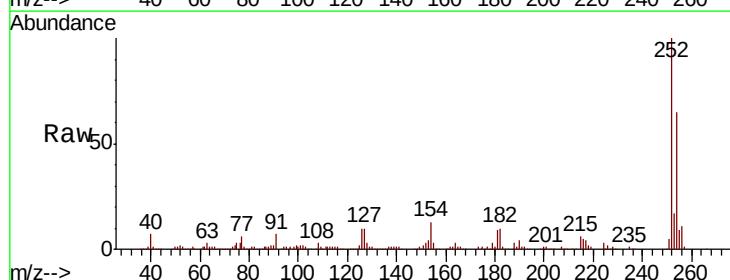
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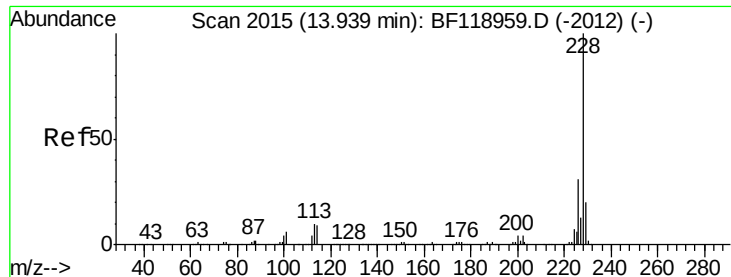
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#82
3,3'-Dichlorobenzidine
Concen: 26.543 ng
RT: 13.83 min Scan# 1997
Delta R.T. 0.00 min
Lab File: BF119254.D
Acq: 6 Mar 2020 17:15

Tgt Ion:252 Resp: 262495
Ion Ratio Lower Upper
252 100
254 65.1 51.6 77.4
126 10.1 7.4 11.0





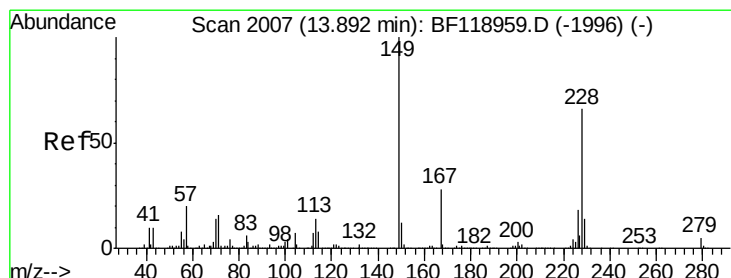
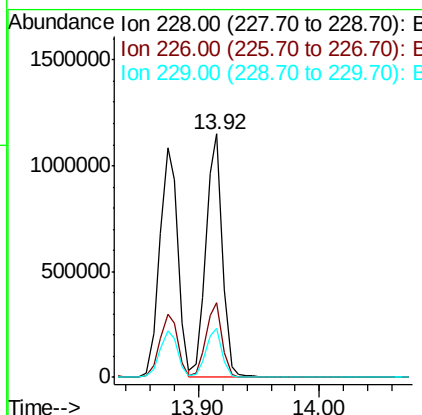
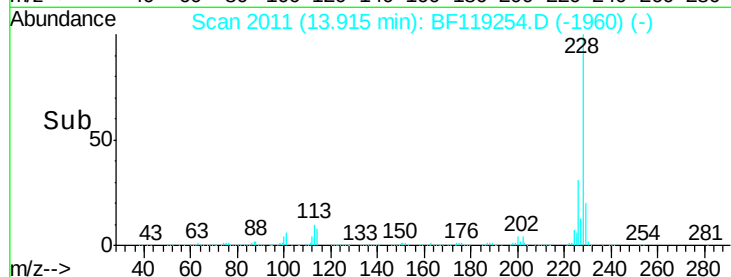
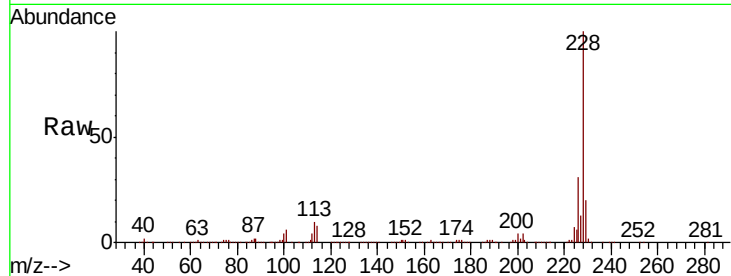
#83
 Chrysene
 Concen: 42.370 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. 0.00 min
 Lab File: BF119254.D
 Acq: 6 Mar 2020 17:15

Instrument :
 BNA_F
 ClientSampleId :
 TP-3MS

Tot Ion:228 Resp: 1075196
 Ion Ratio Lower Upper
 228 100
 226 30.7 25.1 37.7
 229 20.0 16.3 24.5

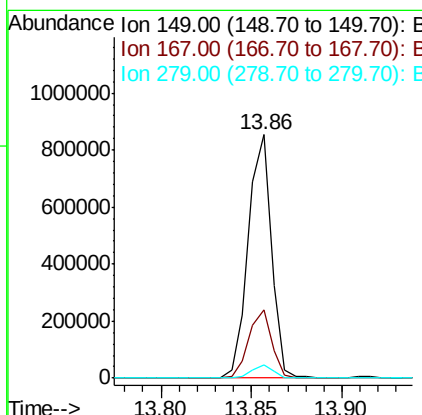
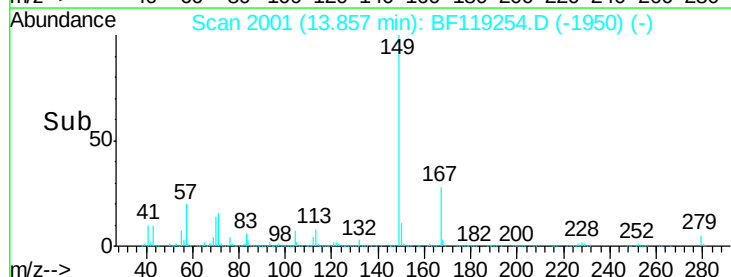
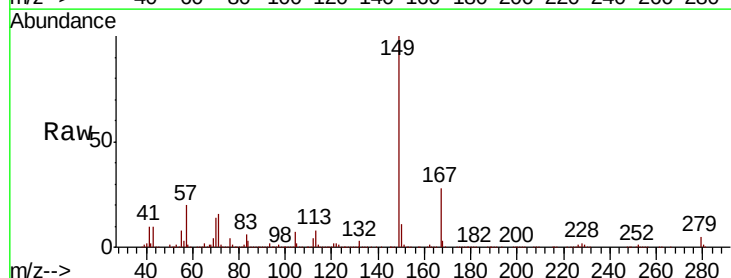
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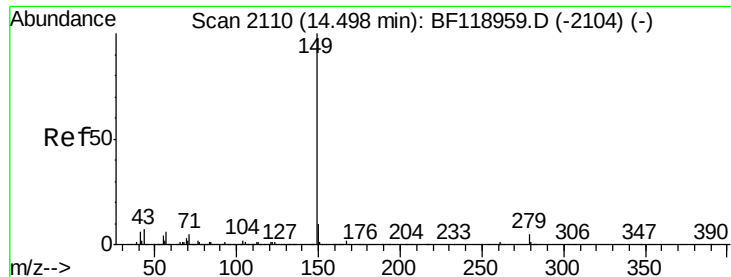
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 47.960 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.00 min
 Lab File: BF119254.D
 Acq: 6 Mar 2020 17:15

Tgt Ion:149 Resp: 765382
 Ion Ratio Lower Upper
 149 100
 167 27.9 22.8 34.2
 279 5.4 4.6 6.8





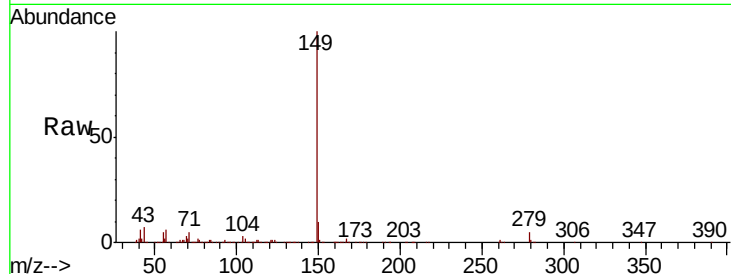
#85
Di-n-octyl phthalate
Concen: 48.596 ng
RT: 14.46 min Scan# 2104
Delta R.T. 0.00 min
Lab File: BF119254.D
Acq: 6 Mar 2020 17:15

Instrument :
BNA_F
ClientSampleId :
TP-3MS

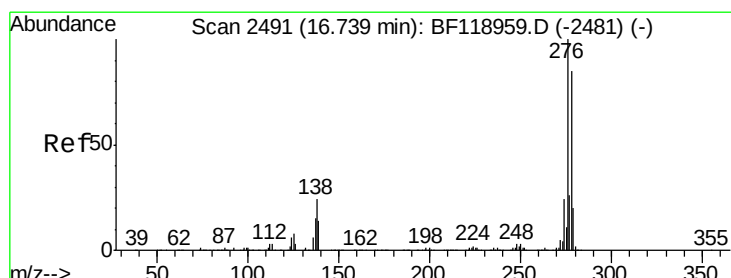
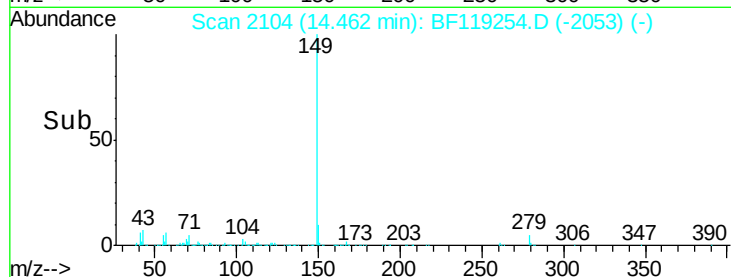
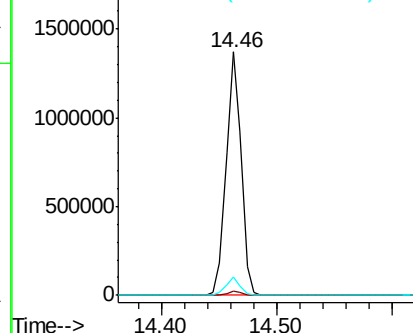
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	6.8	5.7	8.5

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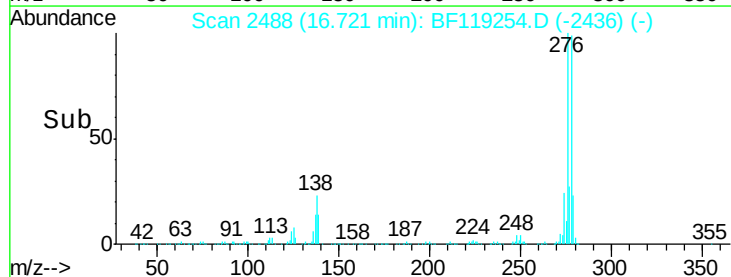
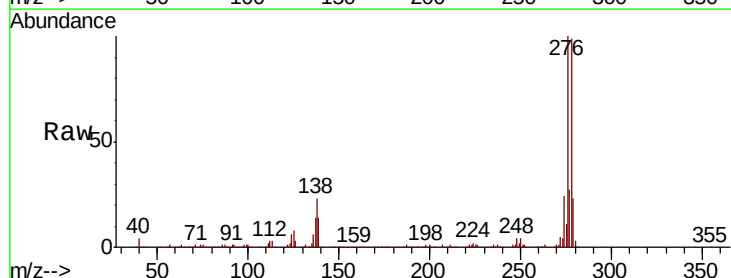
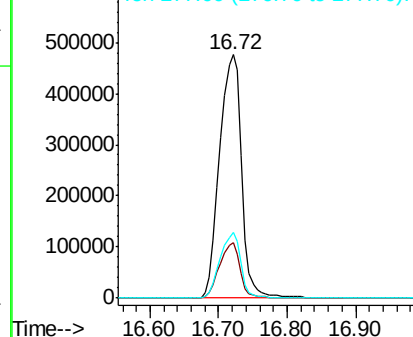
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

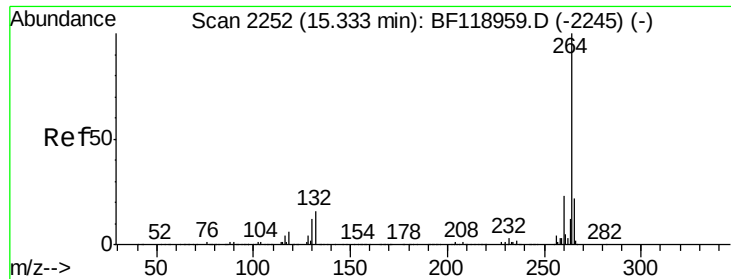


#86
Indeno(1,2,3-cd)pyrene
Concen: 43.364 ng
RT: 16.72 min Scan# 2488
Delta R.T. 0.01 min
Lab File: BF119254.D
Acq: 6 Mar 2020 17:15

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.5	17.4	26.0
277	25.6	20.3	30.5

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





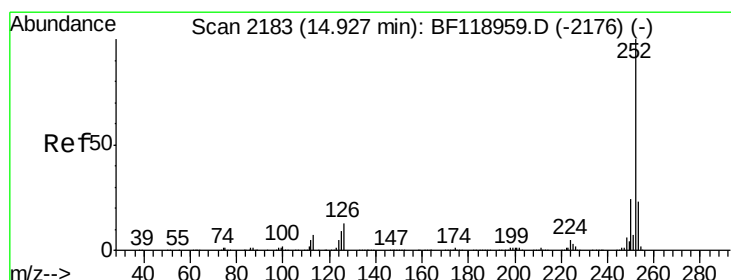
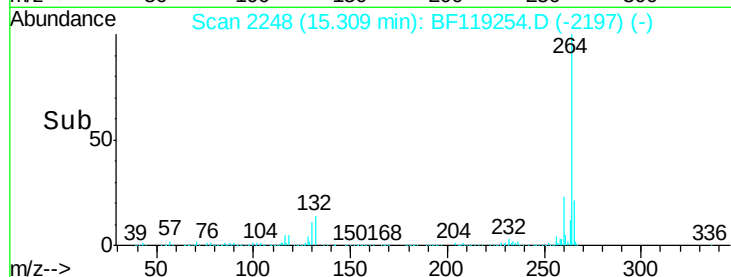
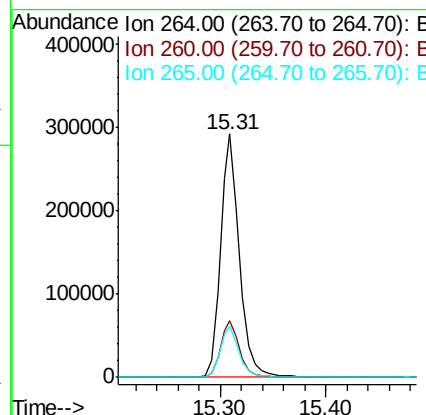
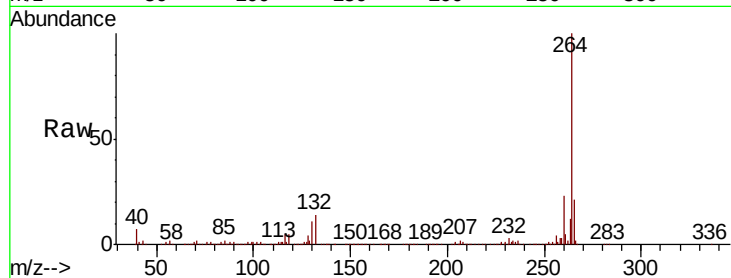
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.31 min Scan# 2248
Delta R.T. -0.00 min
Lab File: BF119254.D
Acq: 6 Mar 2020 17:15

Instrument :
BNA_F
ClientSampled :
TP-3MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.4	29.2
265	21.4	17.7	26.5

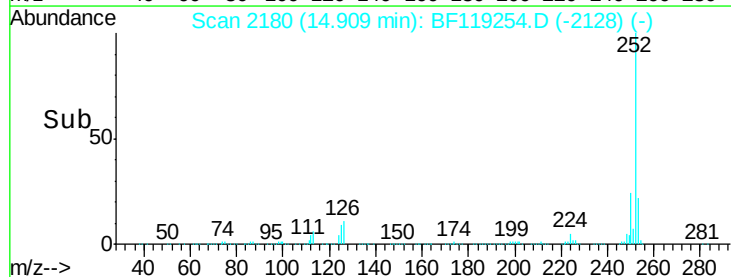
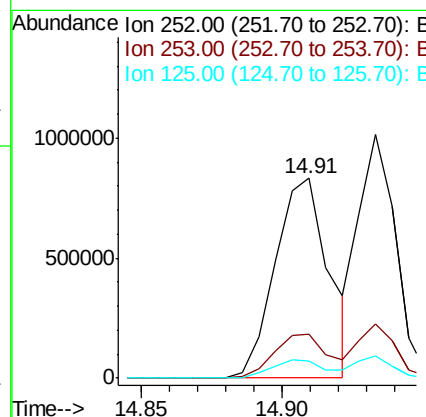
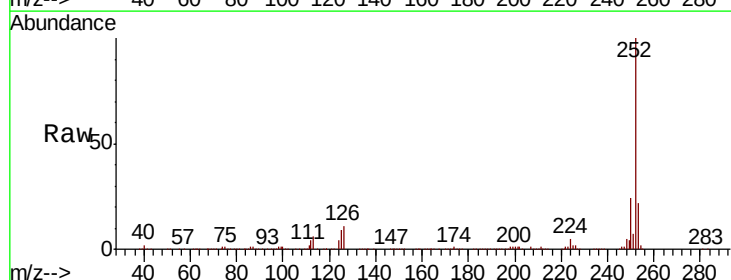
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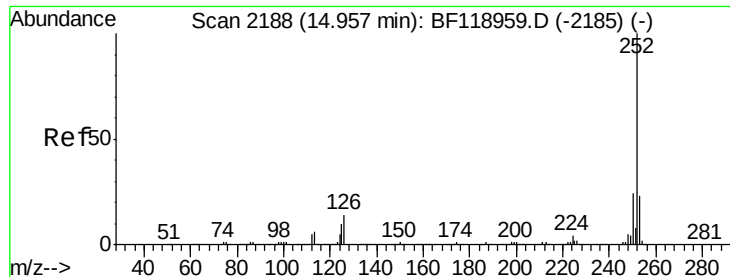
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#88
Benzo(b)fluoranthene
Concen: 45.348 ng
RT: 14.91 min Scan# 2180
Delta R.T. 0.01 min
Lab File: BF119254.D
Acq: 6 Mar 2020 17:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	8.6	7.4	11.0





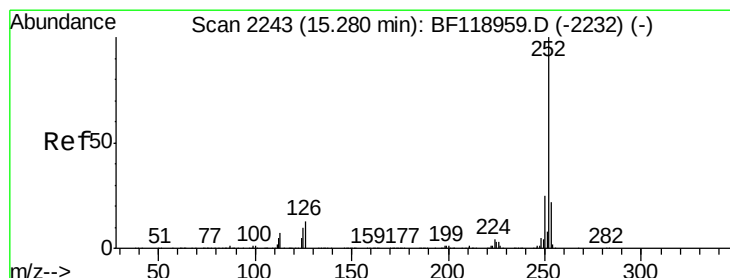
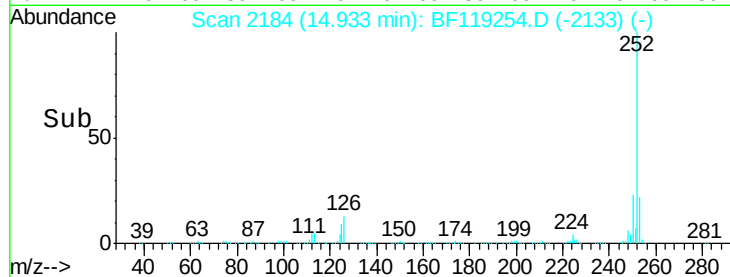
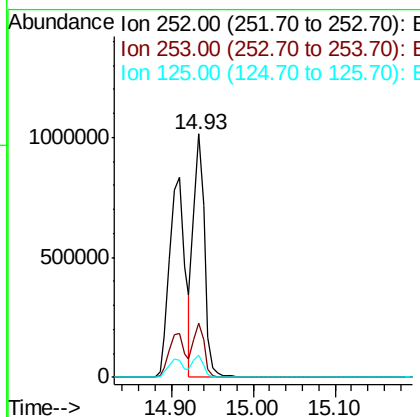
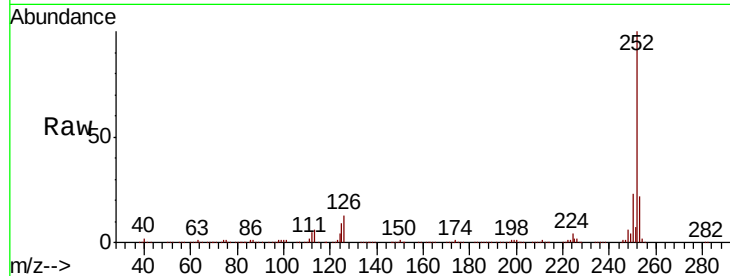
#89
Benzo(k)fluoranthene
Concen: 42.461 ng
RT: 14.93 min Scan# 2184
Delta R.T. 0.00 min
Lab File: BF119254.D
Acq: 6 Mar 2020 17:15

Instrument :
BNA_F
ClientSampled :
TP-3MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.8
125	9.1	7.5	11.3

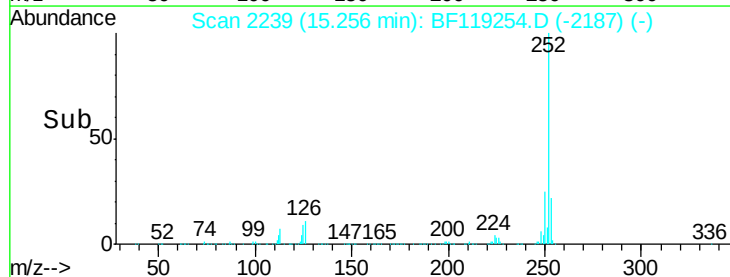
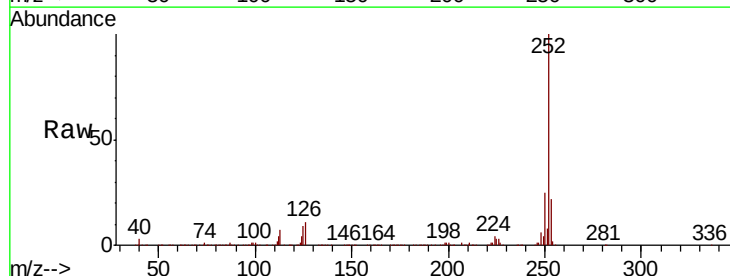
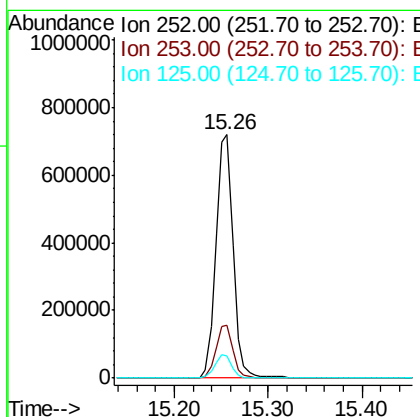
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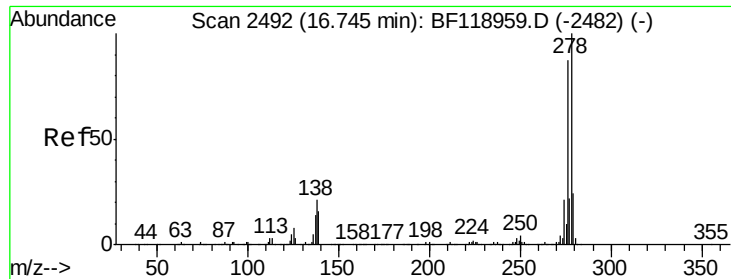
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#90
Benzo(a)pyrene
Concen: 42.294 ng
RT: 15.26 min Scan# 2239
Delta R.T. 0.01 min
Lab File: BF119254.D
Acq: 6 Mar 2020 17:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.0	27.0
125	9.0	8.6	12.8





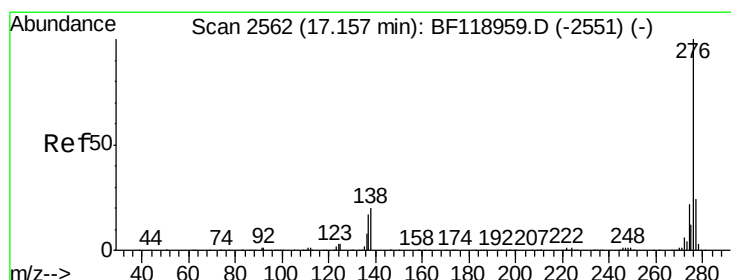
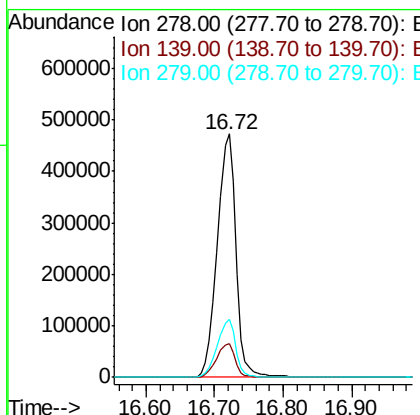
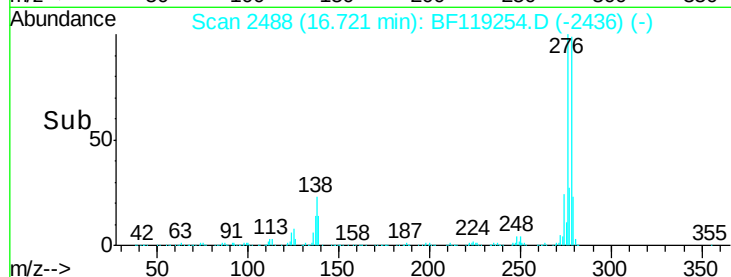
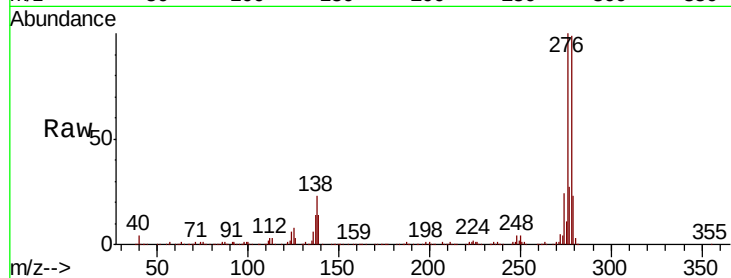
#91
Dibenzo(a,h)anthracene
Concen: 46.670 ng
RT: 16.72 min Scan# 2488
Delta R.T. 0.01 min
Lab File: BF119254.D
Acq: 6 Mar 2020 17:15

Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.7	11.0	16.4
279	23.6	18.6	28.0

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#92
Benzo(g,h,i)perylene
Concen: 47.626 ng
RT: 17.14 min Scan# 2559
Delta R.T. 0.00 min
Lab File: BF119254.D
Acq: 6 Mar 2020 17:15

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.7	28.1
138	18.3	14.3	21.5

