

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092420\
 Data File : BF121686.D
 Acq On : 24 Sep 2020 17:21
 Operator : JU/CG
 Sample : L4120-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-ELEC-SERVICE-MH

Quant Time: Sep 24 18:54:34 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 22 17:53:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	142948	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	569378	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	303984	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	592121	20.00	ng	0.00
76) Chrysene-d12	13.97	240	569218	20.00	ng	-0.01
86) Perylene-d12	15.42	264	507901	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.43	112	580467	60.35	ng	0.00
7) Phenol-d6	6.44	99	565981	44.85	ng	-0.01
23) Nitrobenzene-d5	7.37	82	1099061	103.64	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	441991	116.99	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1835515	91.45	ng	0.00
79) Terphenyl-d14	12.92	244	2483690	88.40	ng	0.00

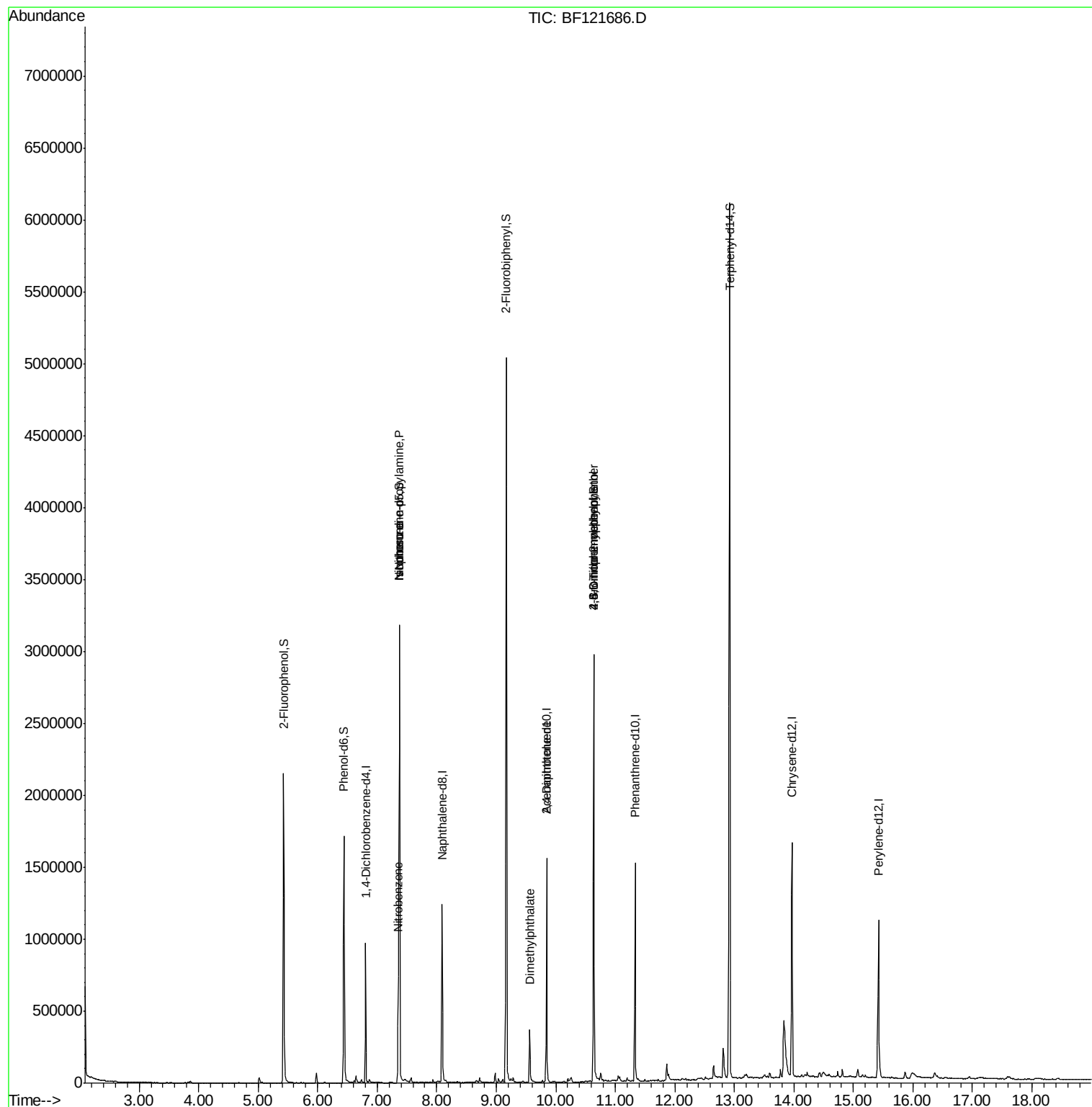
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.37	70	148207	20.378	ng	# 81
24) Nitrobenzene	7.35	77	33564	2.926	ng	# 48
25) Isophorone	7.37	82	1086212	50.883	ng	# 67
50) Dimethylphthalate	9.56	163	152573	6.925	ng	100
57) 2,4-Dinitrotoluene	9.85	165	39286	6.655	ng	# 23
65) 4,6-Dinitro-2-methylphenol	10.64	198	739	7.026	ng	# 1
67) 4-Bromophenyl-phenylether	10.64	248	25831	3.832	ng	# 1

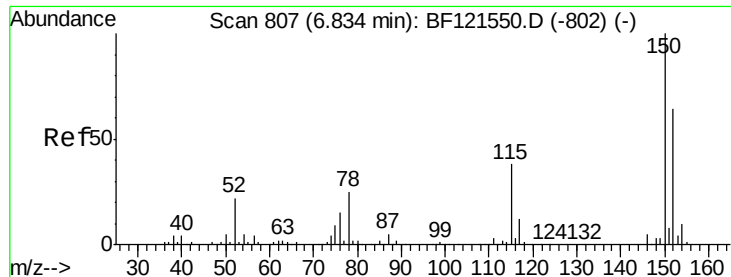
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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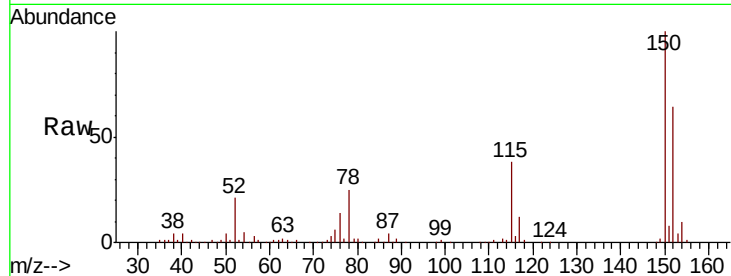


#1

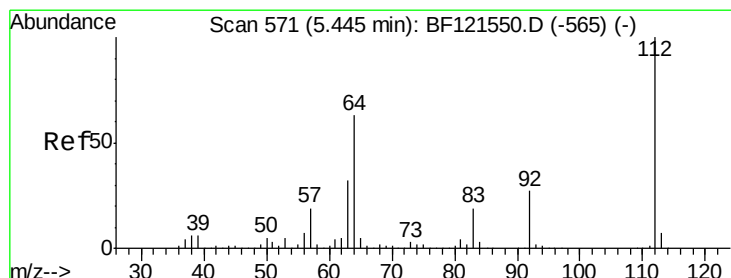
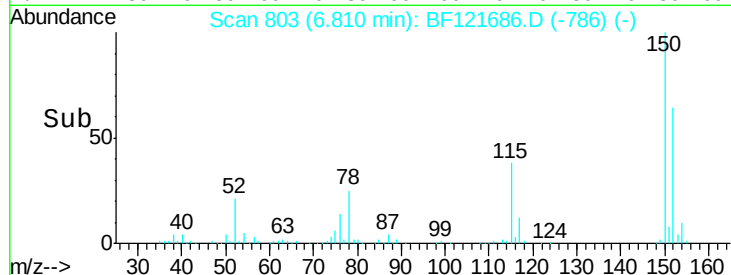
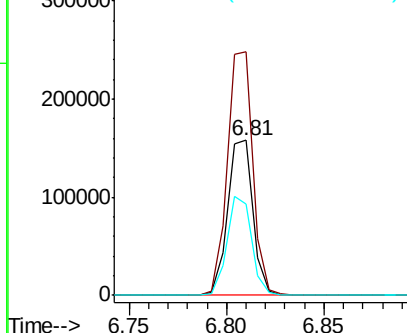
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF121686.D
Acq: 24 Sep 2020 17:21

Instrument :
BNA_F
ClientSampleId :
COMP-ELEC-SERVICE-MH

Tot Ion:152 Resp: 142948
Ion Ratio Lower Upper
152 100
150 156.9 128.1 192.1
115 58.9 52.6 79.0



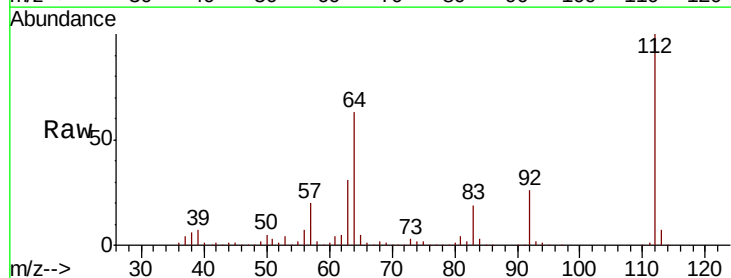
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



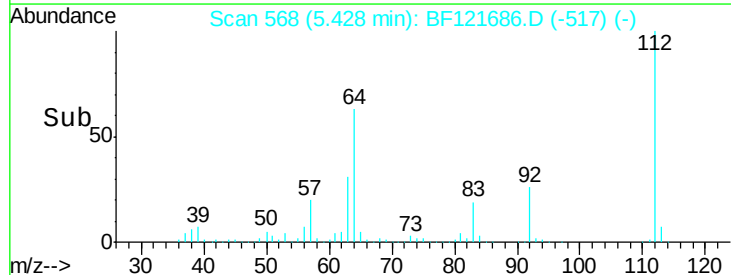
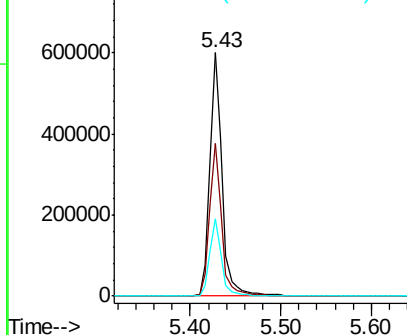
#5

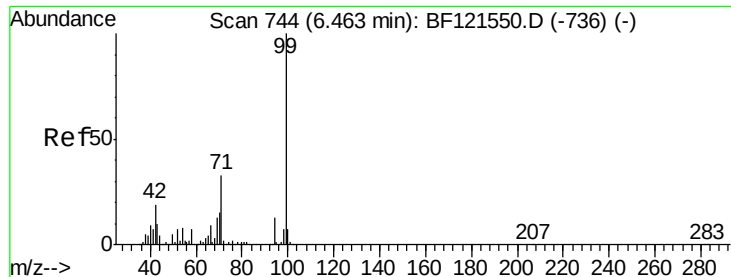
2-Fluorophenol
Concen: 60.347 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.00 min
Lab File: BF121686.D
Acq: 24 Sep 2020 17:21

Tgt Ion:112 Resp: 580467
Ion Ratio Lower Upper
112 100
64 63.0 52.2 78.2
63 31.5 26.6 39.8



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





#7

Phenol-d6

Concen: 44.850 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF121686.D

Acq: 24 Sep 2020 17:21

Instrument :

BNA_F

ClientSampleId :

COMP-ELEC-SERVICE-MH

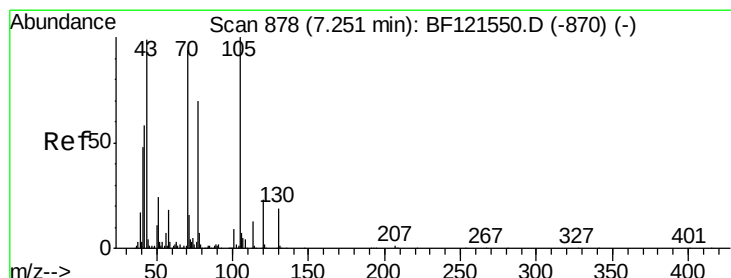
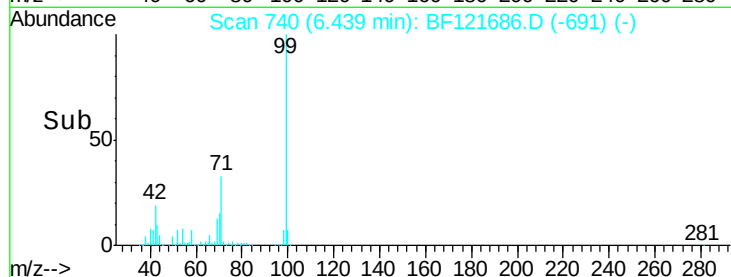
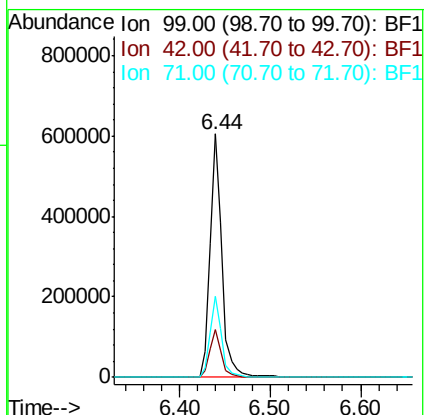
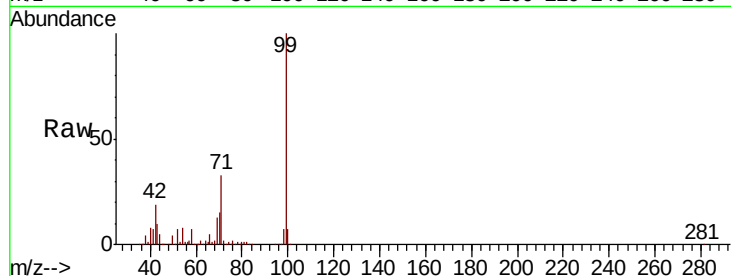
Tot Ion: 99 Resp: 565981

Ion Ratio Lower Upper

99 100

42 19.4 15.5 23.3

71 33.5 27.4 41.2



#19

n-Nitroso-di-n-propylamine

Concen: 20.378 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.15 min

Lab File: BF121686.D

Acq: 24 Sep 2020 17:21

Tgt Ion: 70 Resp: 148207

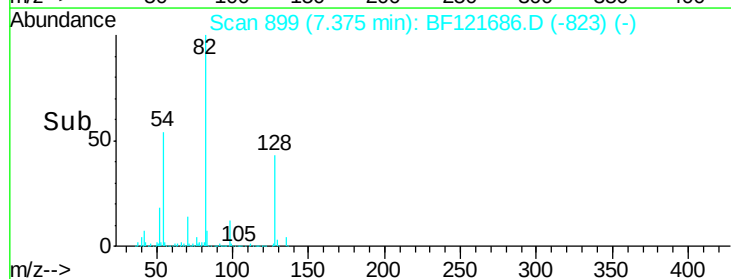
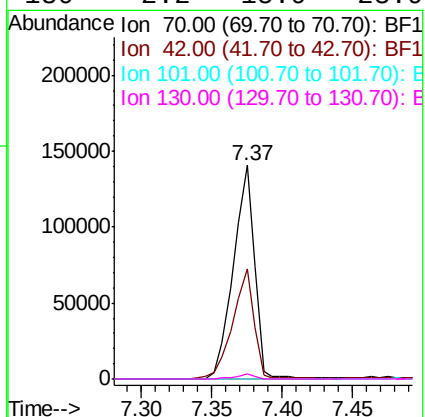
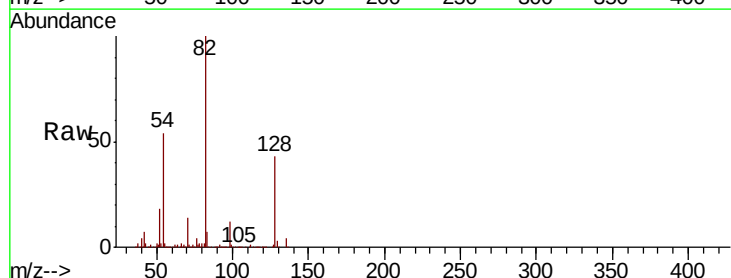
Ion Ratio Lower Upper

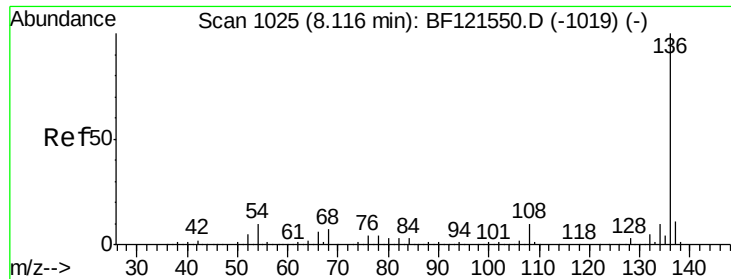
70 100

42 51.3 48.3 72.5

101 0.0 7.6 11.4#

130 2.2 15.9 23.9#

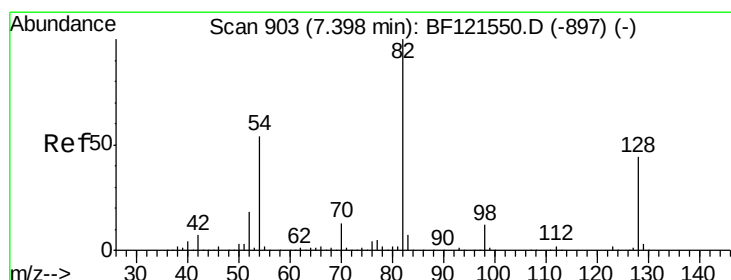
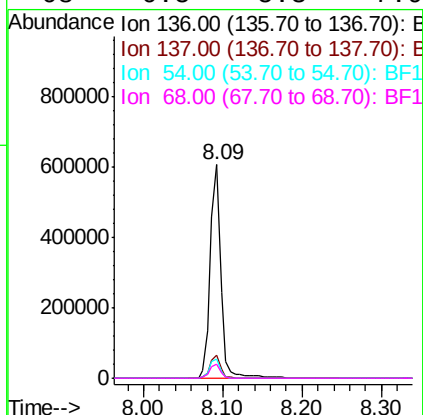
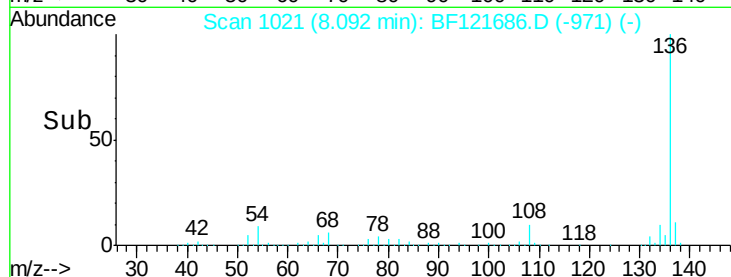
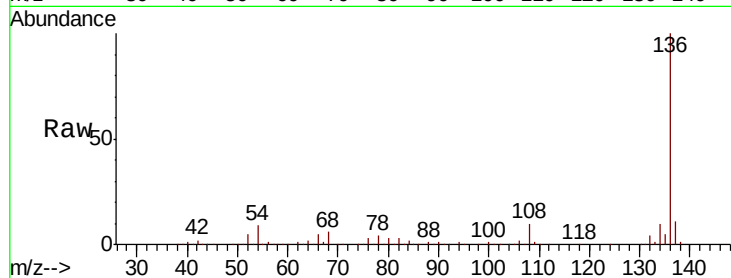




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF121686.D
Acq: 24 Sep 2020 17:21

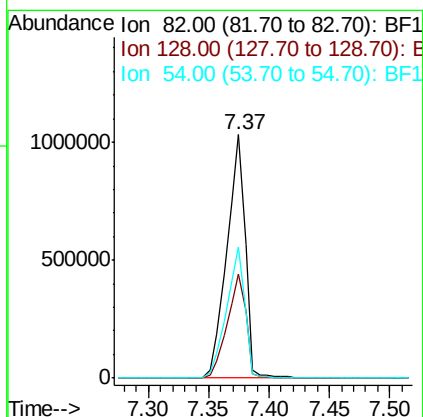
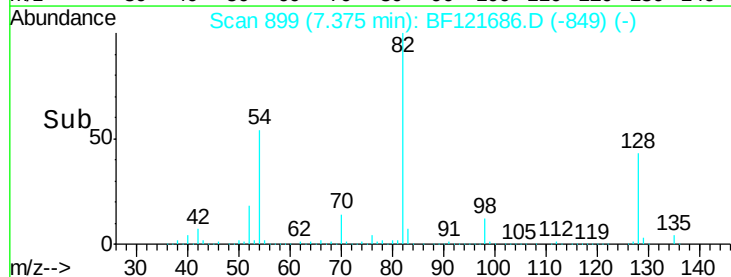
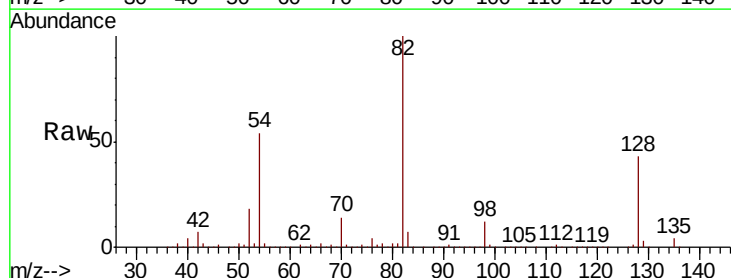
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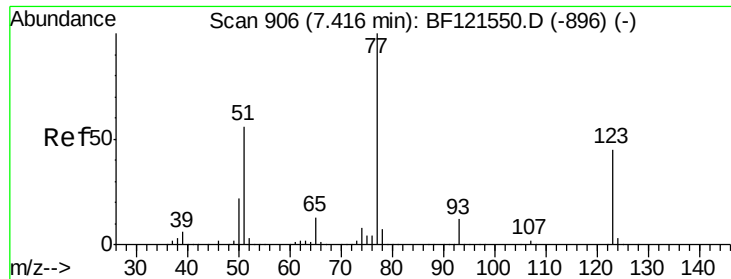
Tot Ion:136	Resp:	569378
Ion	Ratio	Lower Upper
136	100	
137	10.8	8.9 13.3
54	8.9	7.4 11.0
68	6.5	5.3 7.9



#23
Nitrobenzene-d5
Concen: 103.640 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF121686.D
Acq: 24 Sep 2020 17:21

Tgt Ion: 82	Resp:	1099061
Ion	Ratio	Lower Upper
82	100	
128	42.7	33.9 50.9
54	53.9	42.9 64.3

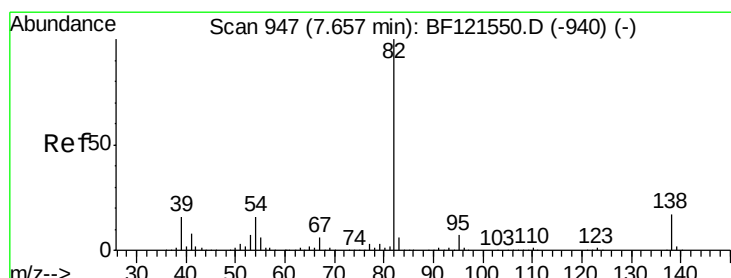
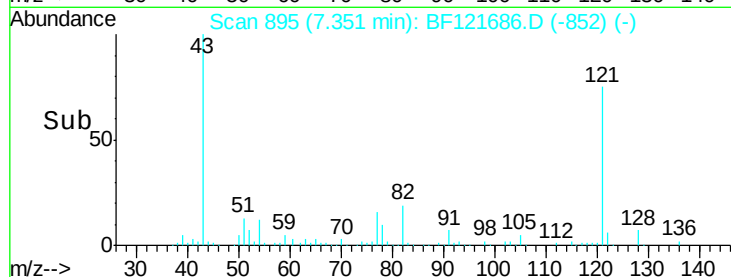
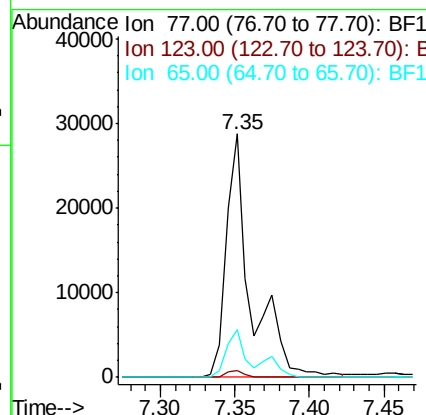
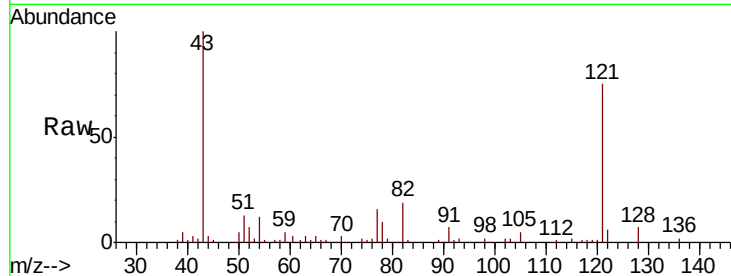




#24
Nitrobenzene
Concen: 2.926 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.05 min
Lab File: BF121686.D
Acq: 24 Sep 2020 17:21

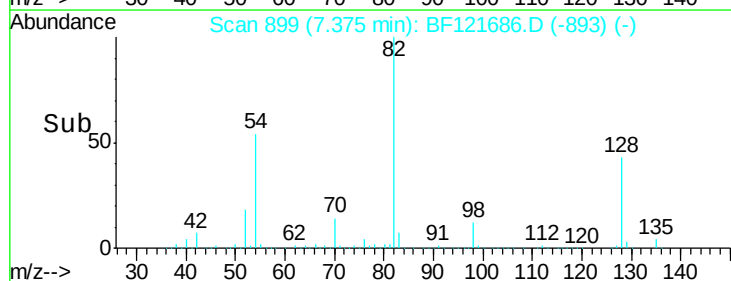
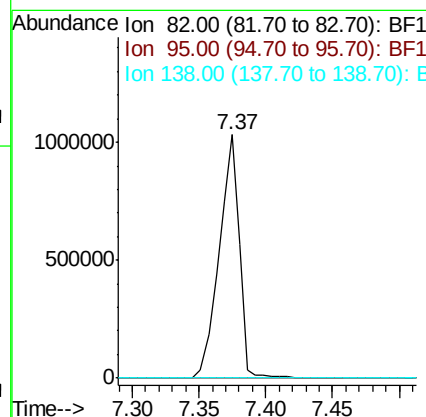
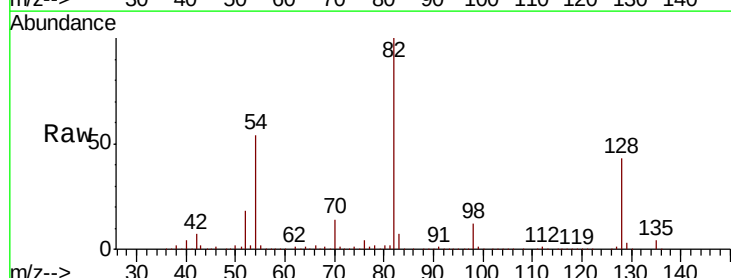
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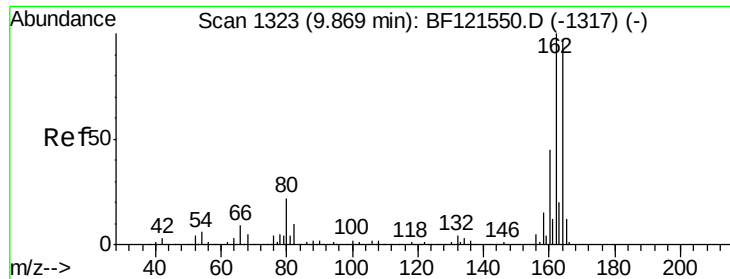
Tot Ion	Ratio	Lower	Upper
77	100		
123	2.9	35.8	53.8#
65	19.4	11.2	16.8#



#25
Isophorone
Concen: 50.883 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.26 min
Lab File: BF121686.D
Acq: 24 Sep 2020 17:21

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	13.2	19.8#

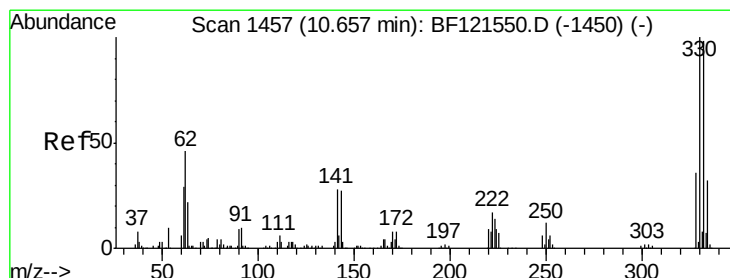
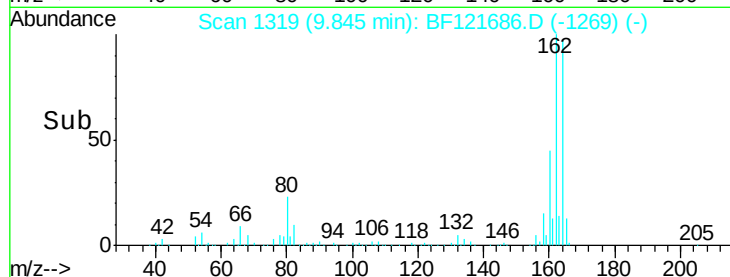
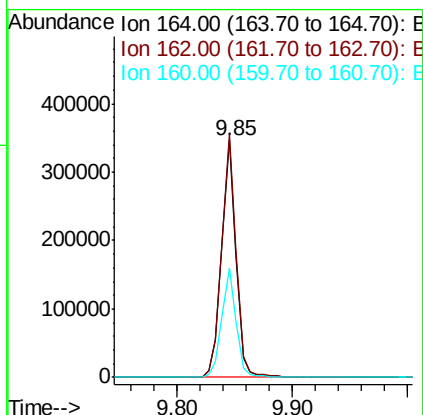
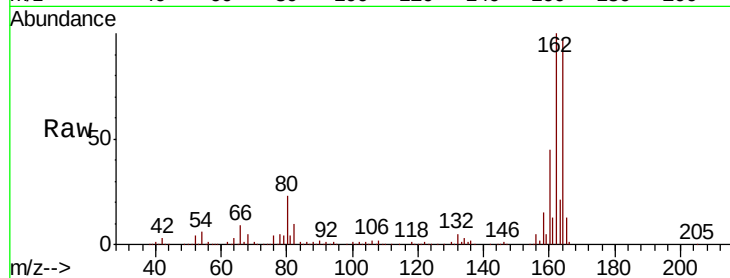




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF121686.D
 Acq: 24 Sep 2020 17:21

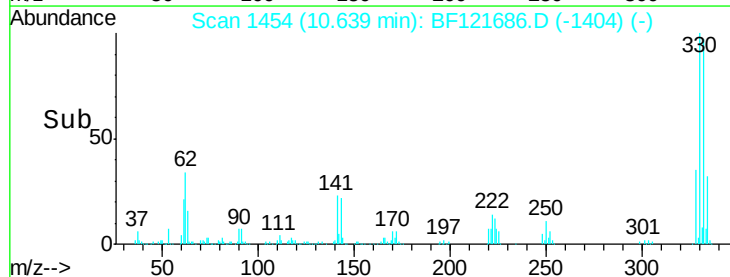
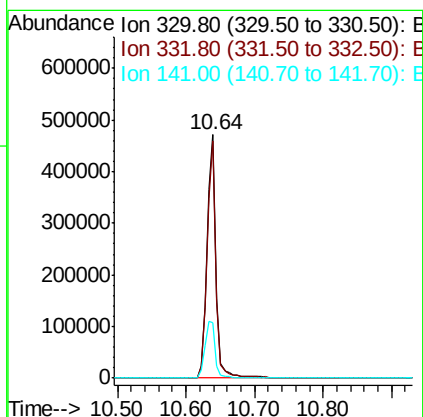
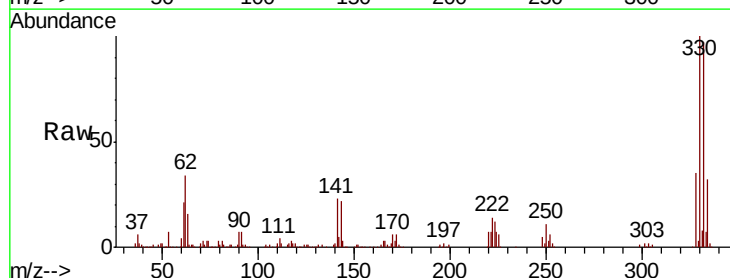
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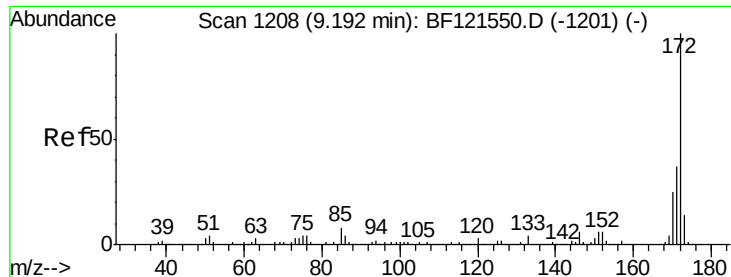
Tot Ion:164 Resp: 303984
 Ion Ratio Lower Upper
 164 100
 162 102.7 81.2 121.8
 160 46.3 36.2 54.4



#42
 2,4,6-Tribromophenol
 Concen: 116.987 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF121686.D
 Acq: 24 Sep 2020 17:21

Tgt Ion:330 Resp: 441991
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.9 115.3
 141 27.7 22.4 33.6

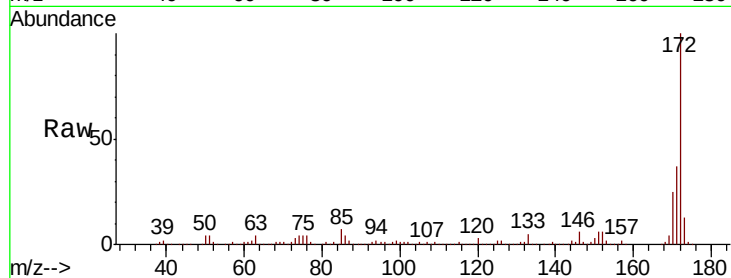




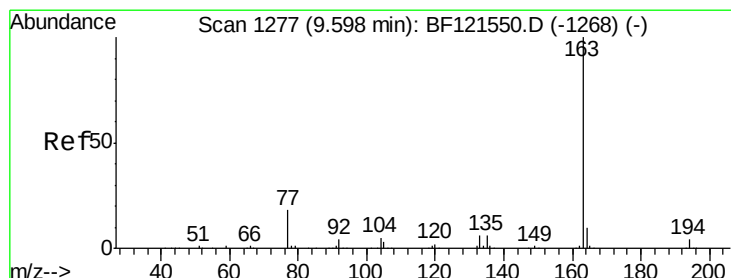
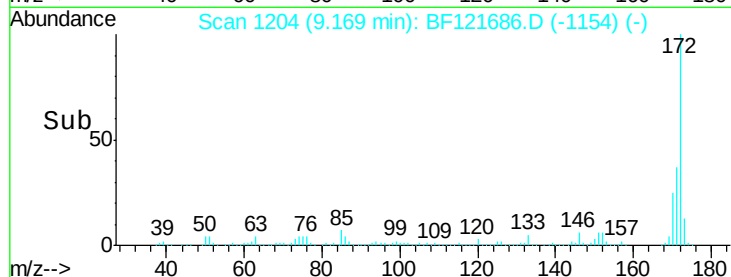
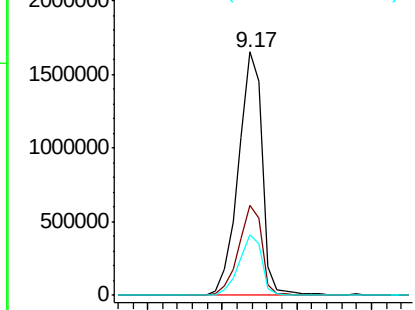
#45
2-Fluorobiphenyl
Concen: 91.450 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF121686.D
Acq: 24 Sep 2020 17:21

Instrument :
BNA_F
ClientSampleId :
COMP-ELEC-SERVICE-MH

Tot Ion:172 Resp: 1835515
Ion Ratio Lower Upper
172 100
171 36.7 29.3 43.9
170 24.7 19.5 29.3

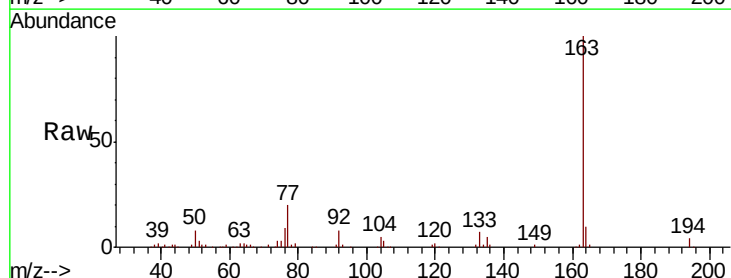


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

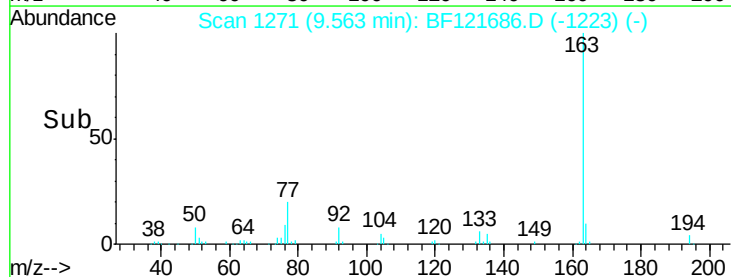
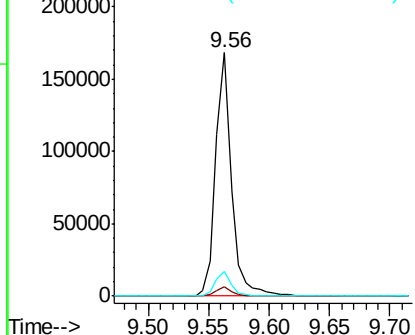


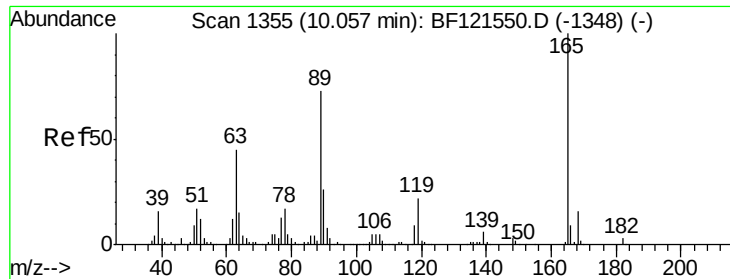
#50
Dimethylphthalate
Concen: 6.925 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF121686.D
Acq: 24 Sep 2020 17:21

Tgt Ion:163 Resp: 152573
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.0 8.0 12.0



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

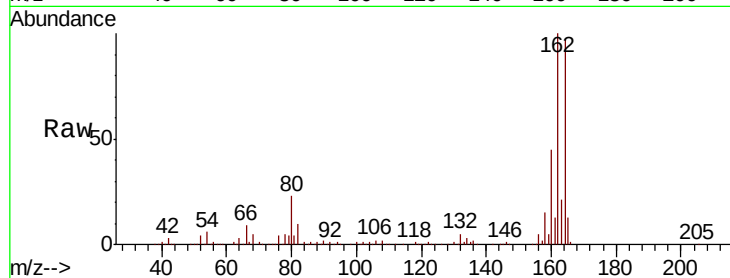




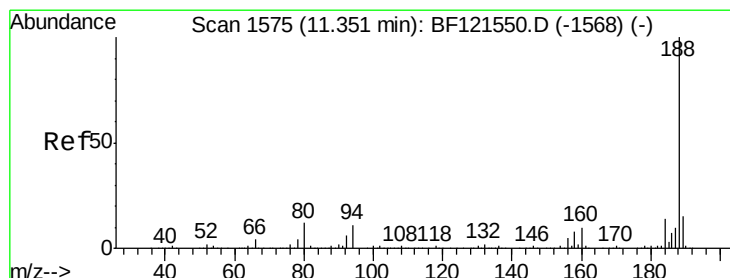
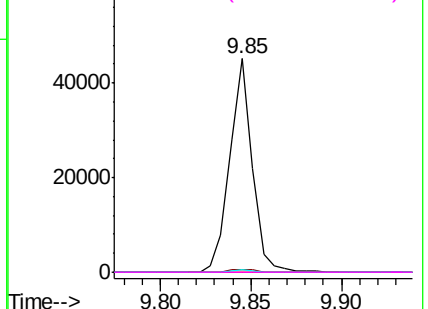
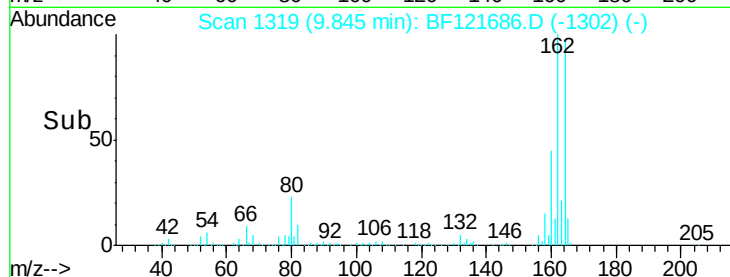
#57
 2,4-Dinitrotoluene
 Concen: 6.655 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.20 min
 Lab File: BF121686.D
 Acq: 24 Sep 2020 17:21

Instrument :
 BNA_F
 ClientSampleId :
 COMP-ELEC-SERVICE-MH

Tot Ion:165 Resp: 39286
 Ion Ratio Lower Upper
 165 100
 63 1.3 36.7 55.1#
 89 1.4 57.7 86.5#
 182 0.0 2.1 3.1#

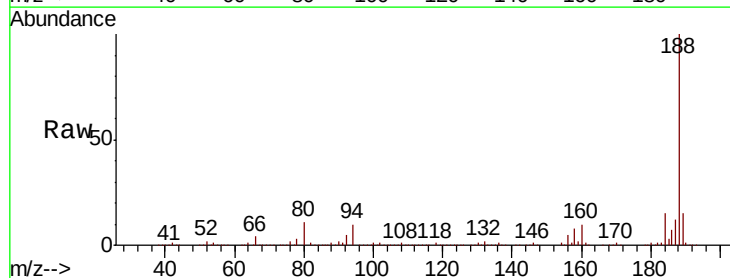


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

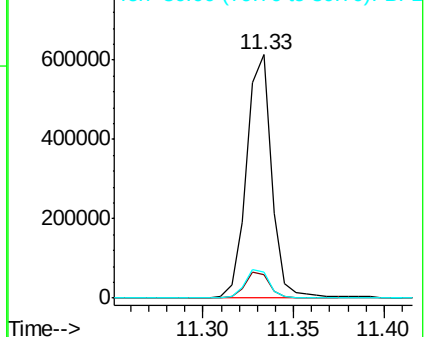
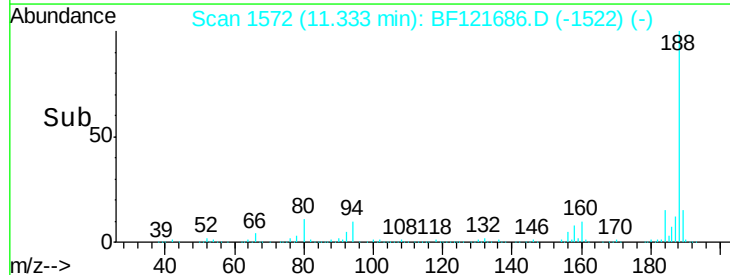


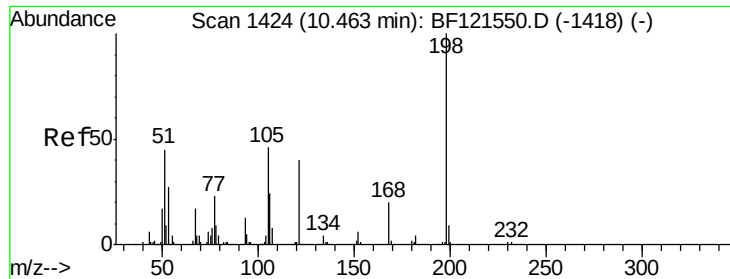
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BF121686.D
 Acq: 24 Sep 2020 17:21

Tgt Ion:188 Resp: 592121
 Ion Ratio Lower Upper
 188 100
 94 9.7 8.4 12.6
 80 10.5 9.0 13.4



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

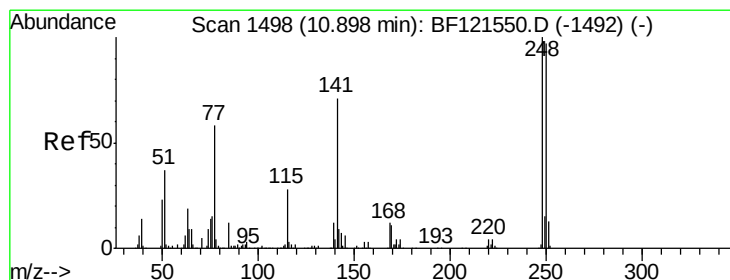
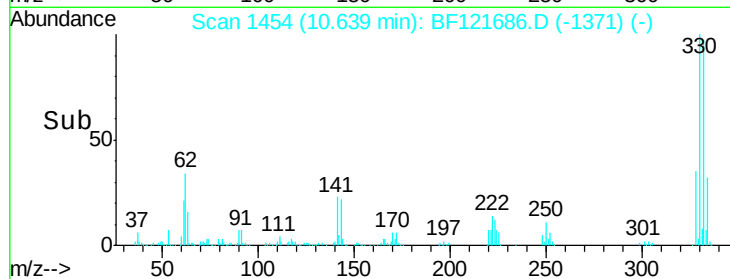
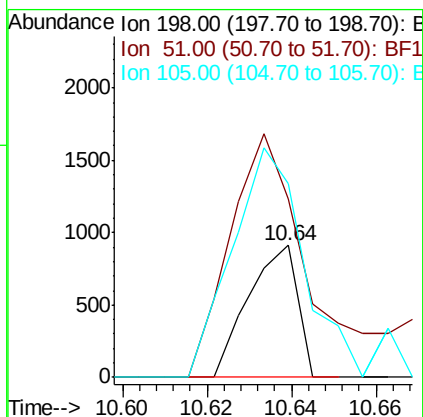
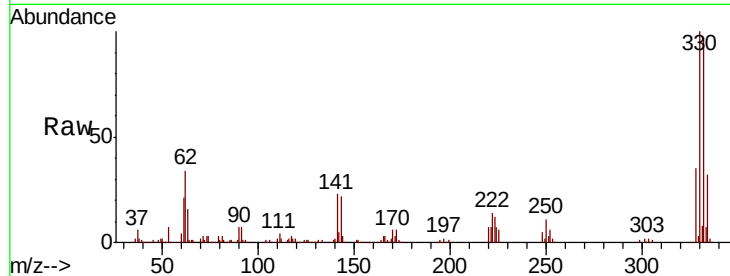




#65
 4,6-Dinitro-2-methylphenol
 Concen: 7.026 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.19 min
 Lab File: BF121686.D
 Acq: 24 Sep 2020 17:21

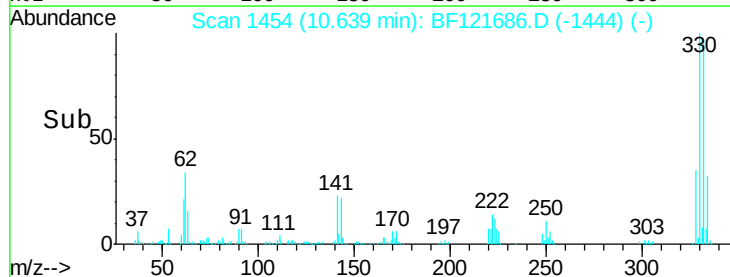
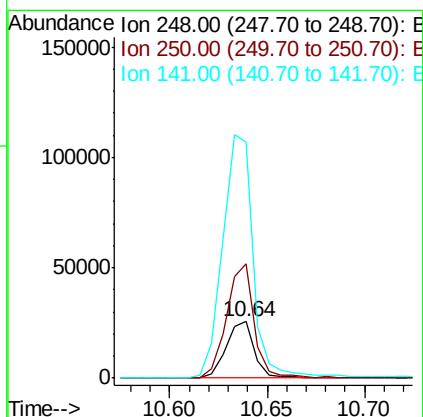
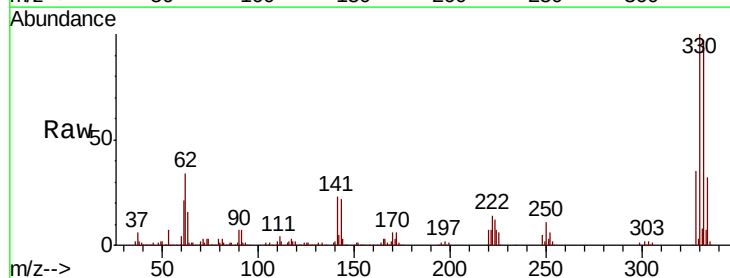
Instrument :
 BNA_F
 ClientSampleId :
 COMP-ELEC-SERVICE-MH

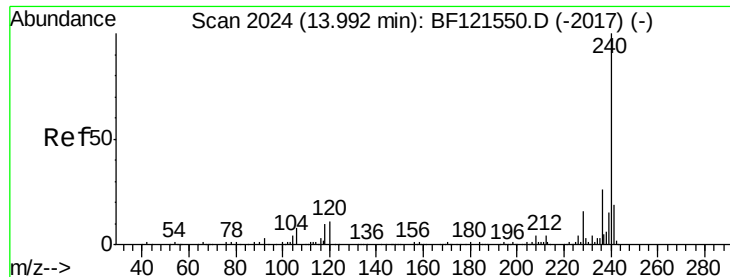
Tot Ion:198 Resp: 739
 Ion Ratio Lower Upper
 198 100
 51 135.2 20.3 60.3#
 105 147.1 20.2 60.2#



#67
 4-Bromophenyl-phenylether
 Concen: 3.832 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.24 min
 Lab File: BF121686.D
 Acq: 24 Sep 2020 17:21

Tgt Ion:248 Resp: 25831
 Ion Ratio Lower Upper
 248 100
 250 201.2 79.4 119.0#
 141 416.1 52.2 78.4#

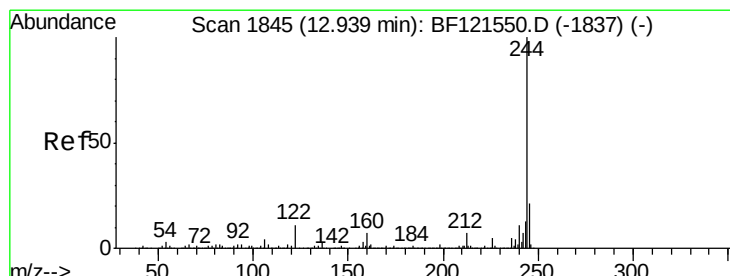
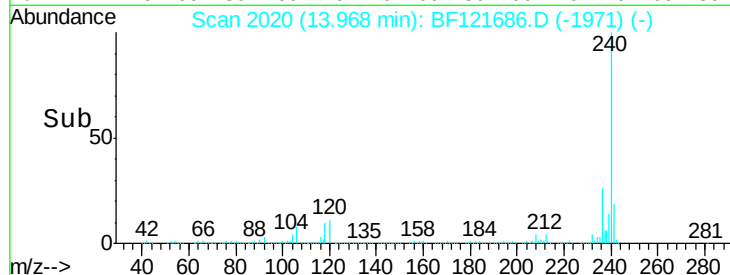
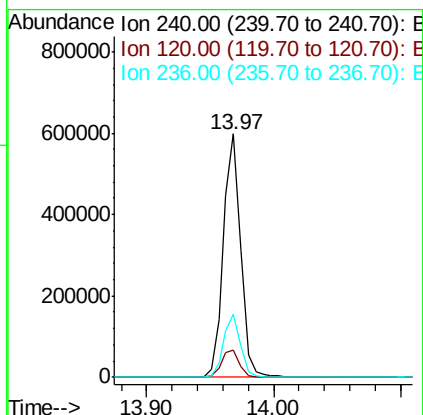
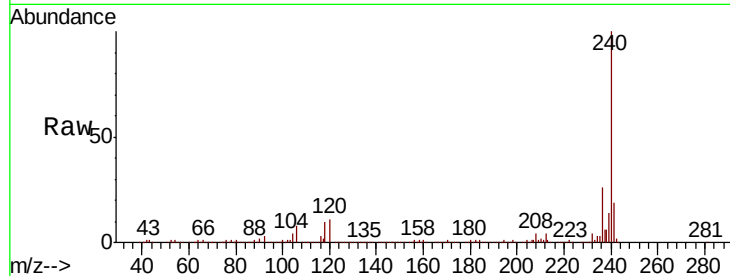




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF121686.D
Acq: 24 Sep 2020 17:21

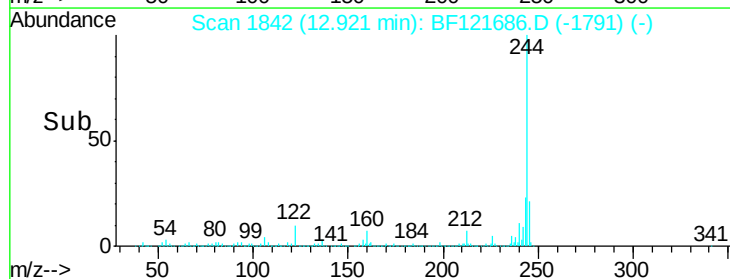
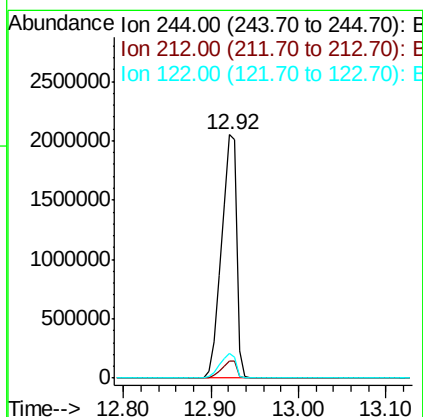
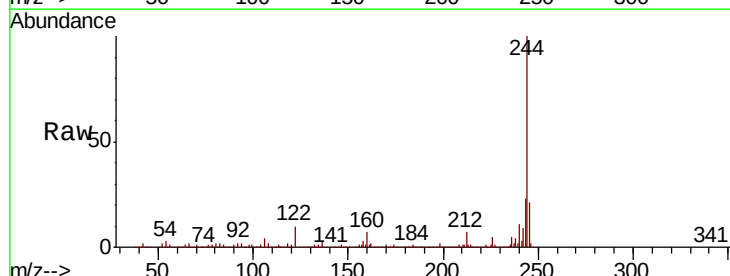
Instrument :
BNA_F
ClientSampleId :
COMP-ELEC-SERVICE-MH

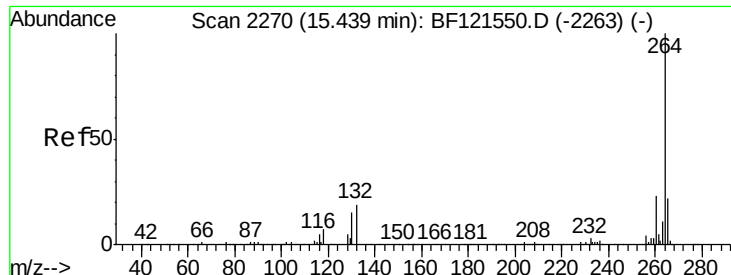
Tot Ion:240 Resp: 569218
Ion Ratio Lower Upper
240 100
120 11.3 9.2 13.8
236 26.0 20.4 30.6



#79
Terphenyl-d14
Concen: 88.397 ng
RT: 12.92 min Scan# 1842
Delta R.T. 0.00 min
Lab File: BF121686.D
Acq: 24 Sep 2020 17:21

Tgt Ion:244 Resp: 2483690
Ion Ratio Lower Upper
244 100
212 7.3 5.5 8.3
122 10.4 7.4 11.0

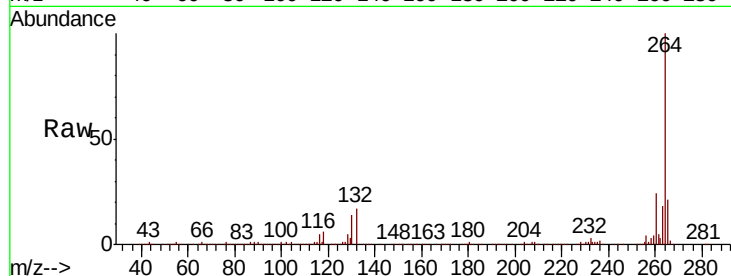




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.01 min
Lab File: BF121686.D
Acq: 24 Sep 2020 17:21

Instrument :
BNA_F
ClientSampleId :
COMP-ELEC-SERVICE-MH

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.8	28.2
265	21.3	17.3	25.9



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

