

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030419\
 Data File : BF112842.D
 Acq On : 5 Mar 2019 2:41
 Operator : JU/SJ
 Sample : K1649-01DL 10X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TRE-INTERIOR-WALLDL

Quant Time: Mar 05 04:28:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 15:40:43 2019
 Response via : Initial Calibration

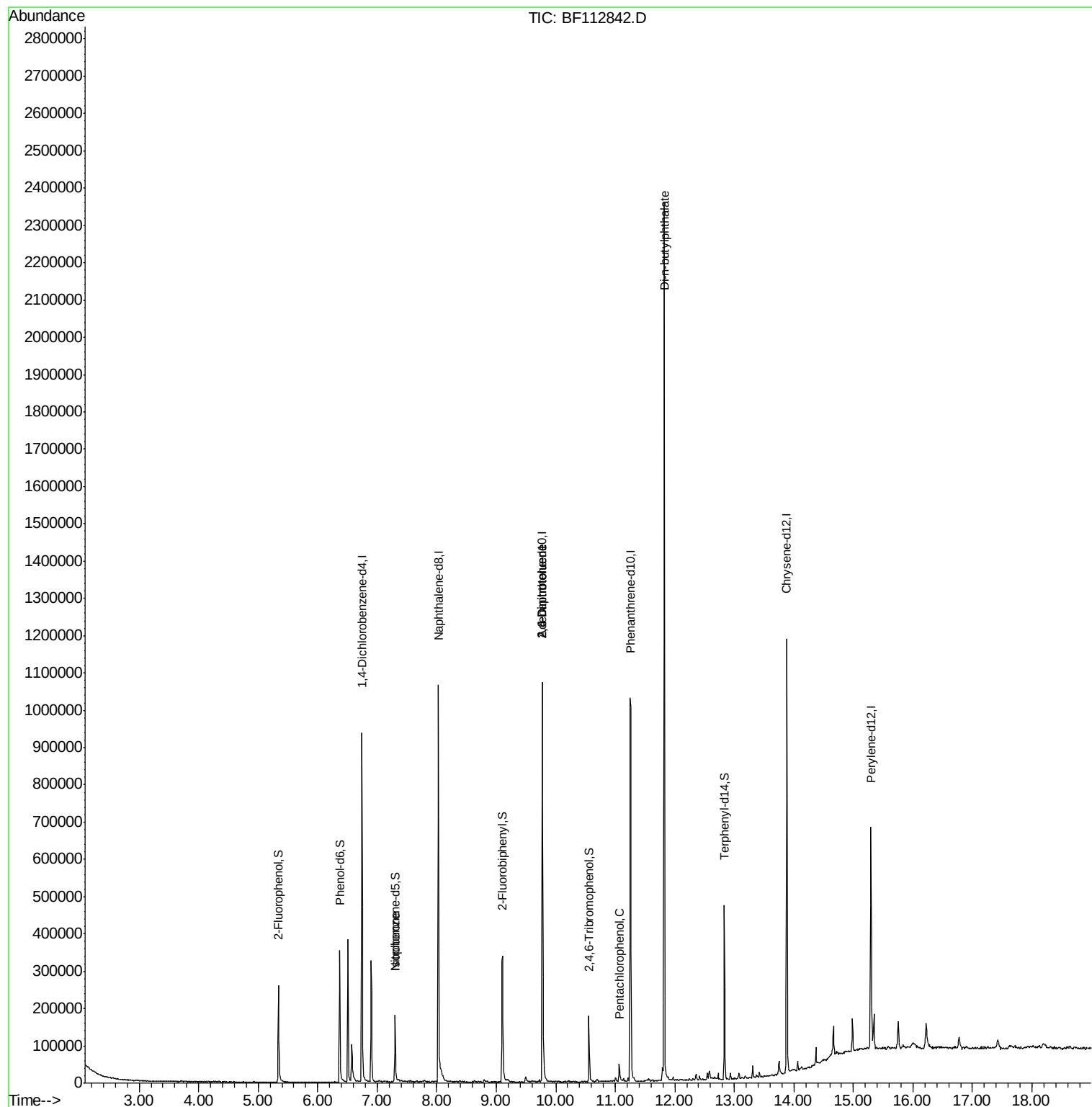
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	136627	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	539794	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	242475	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	454858	20.00	ng	0.00
76) Chrysene-d12	13.88	240	385247	20.00	ng	0.00
87) Perylene-d12	15.29	264	296043	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	92094	10.49	ng	0.00
7) Phenol-d6	6.37	99	127743	11.58	ng	0.00
23) Nitrobenzene-d5	7.30	82	67364	7.47	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	29246	11.36	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	152869	7.14	ng	0.00
79) Terphenyl-d14	12.83	244	157644	7.93	ng	0.00
Target Compounds						
25) Isophorone	7.30	82	64808	3.335	ng	# 66
51) 2,6-Dinitrotoluene	9.77	165	29815	8.008	ng	# 18
57) 2,4-Dinitrotoluene	9.77	165	29816	6.443	ng	# 18
70) Pentachlorophenol	11.07	266	9713	3.056	ng	# 84
74) Di-n-butylphthalate	11.82	149	1162103	41.939	ng	100

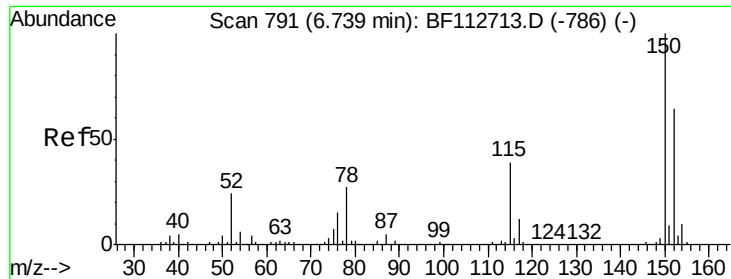
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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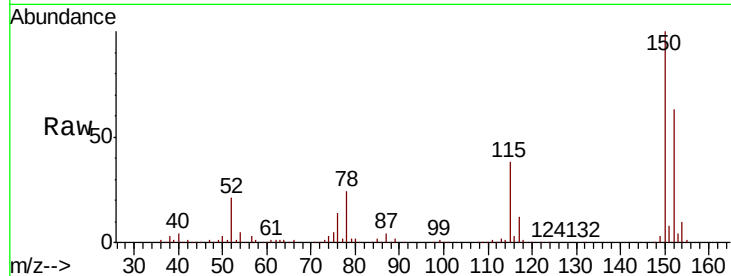


#1

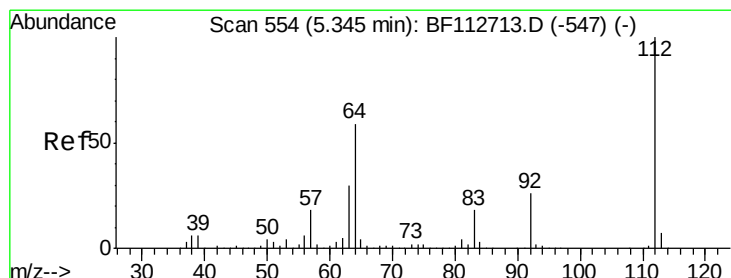
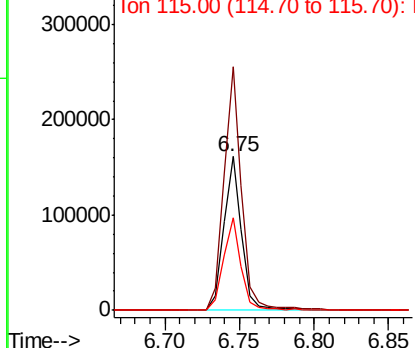
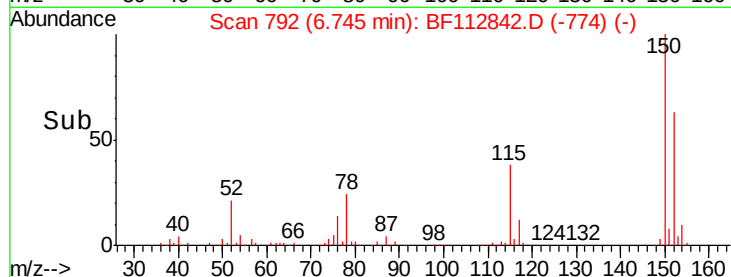
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.75 min Scan# 792
 Delta R.T. 0.01 min
 Lab File: BF112842.D
 Acq: 5 Mar 2019 2:41

Instrument :
 BNA_F
 ClientSampleId :
 TRE-INTERIOR-WALLDL

Tgt Ion:152 Resp: 136627
 Ion Ratio Lower Upper
 152 100
 150 158.4 124.2 186.2
 115 60.1 48.2 72.4



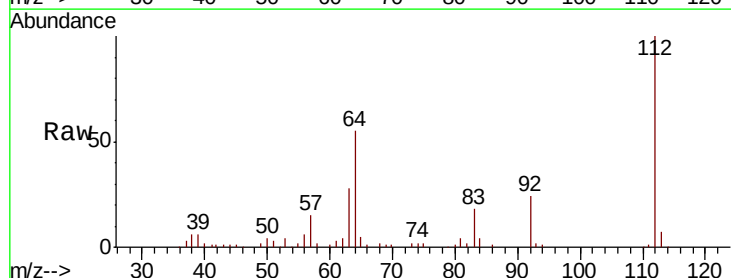
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



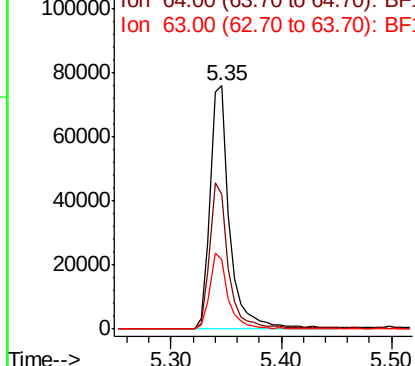
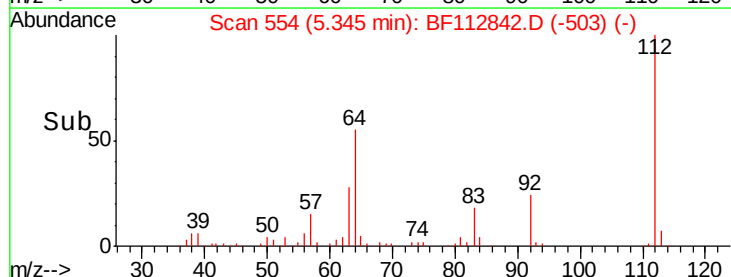
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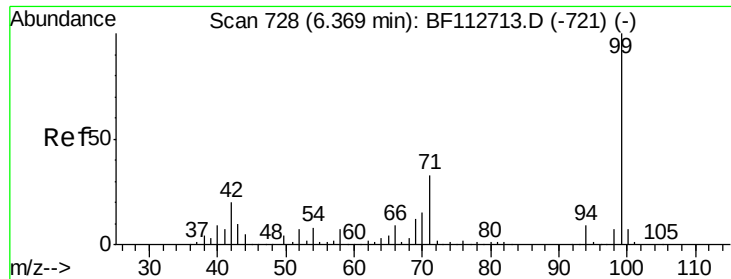
2-Fluorophenol
 Concen: 10.485 ng
 RT: 5.35 min Scan# 554
 Delta R.T. 0.00 min
 Lab File: BF112842.D
 Acq: 5 Mar 2019 2:41

Tgt Ion:112 Resp: 92094
 Ion Ratio Lower Upper
 112 100
 64 55.5 47.6 71.4
 63 28.4 24.4 36.6



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: 11.578 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF112842.D

Acq: 5 Mar 2019 2:41

Instrument :

BNA_F

ClientSampleId :

TRE-INTERIOR-WALLDL

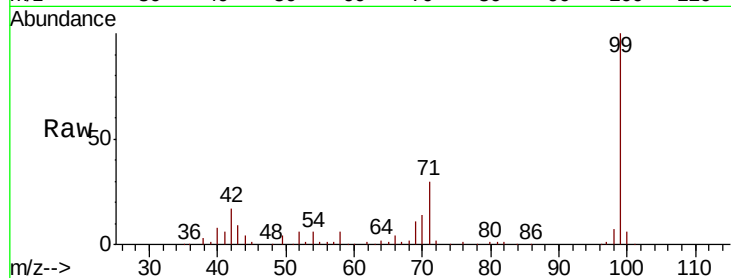
Tgt Ion: 99 Resp: 127743

Ion Ratio Lower Upper

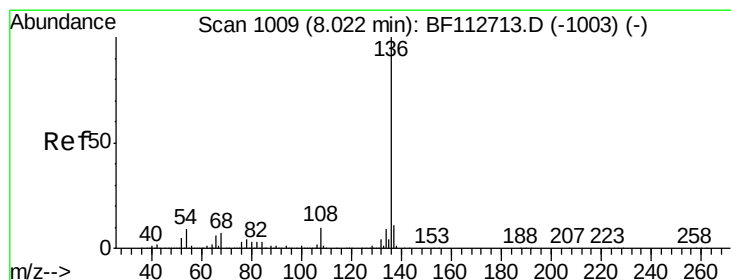
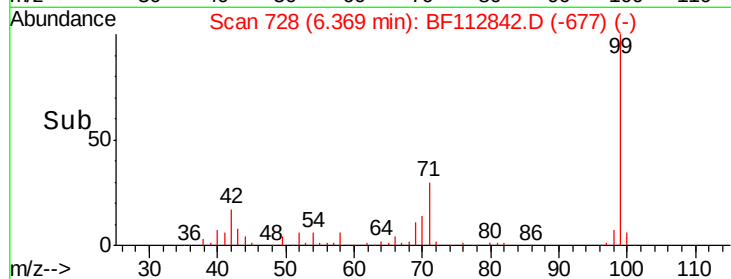
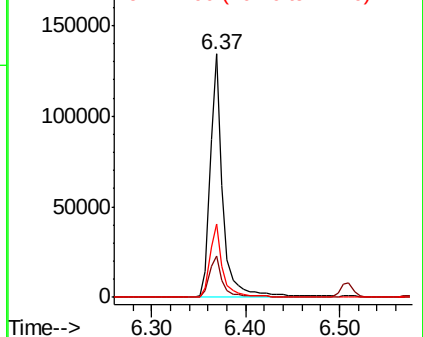
99 100

42 16.9 16.3 24.5

71 30.1 26.2 39.4



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.03 min Scan# 1010

Delta R.T. 0.01 min

Lab File: BF112842.D

Acq: 5 Mar 2019 2:41

Tgt Ion: 136 Resp: 539794

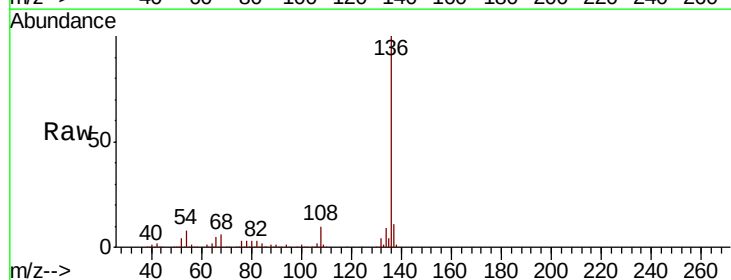
Ion Ratio Lower Upper

136 100

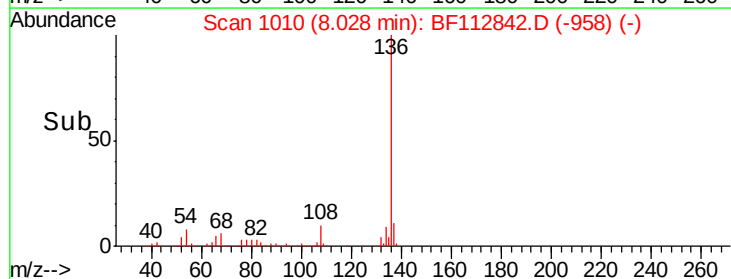
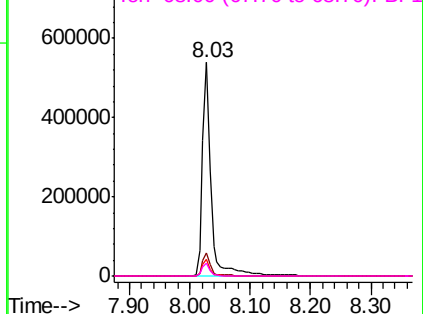
137 10.7 8.9 13.3

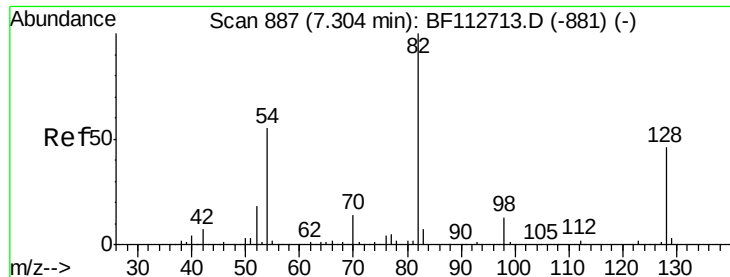
54 7.7 7.3 10.9

68 5.7 5.4 8.2



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

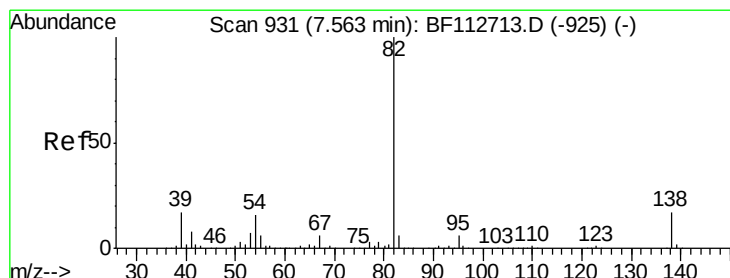
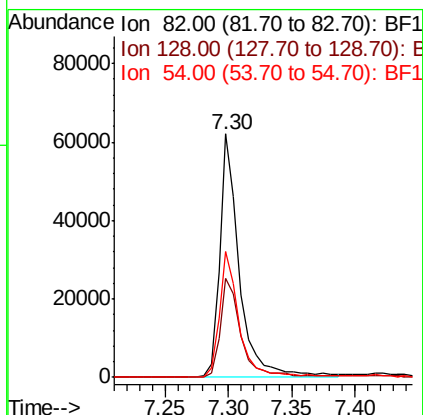
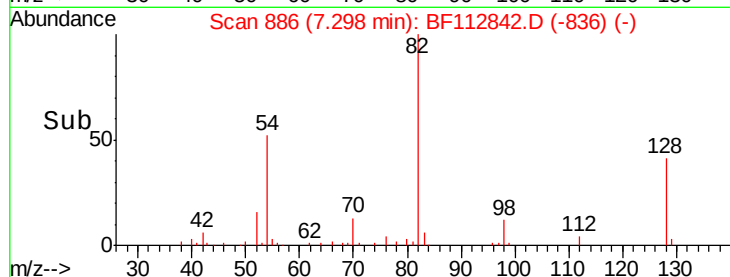
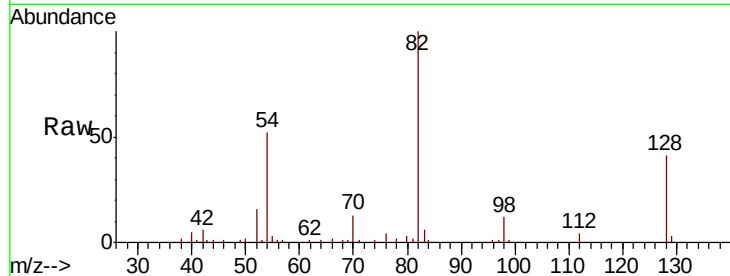




#23
Nitrobenzene-d5
Concen: 7.468 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF112842.D
Acq: 5 Mar 2019 2:41

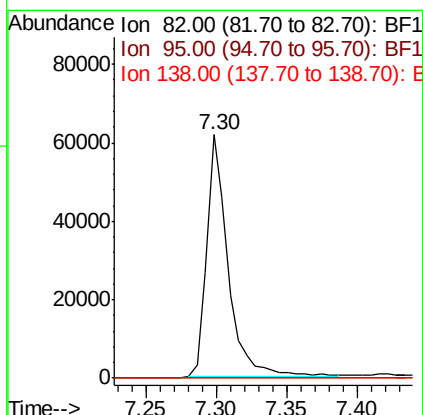
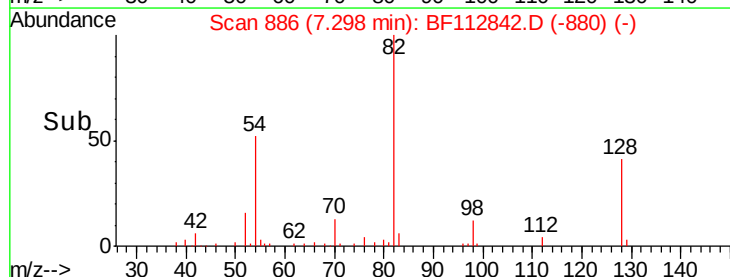
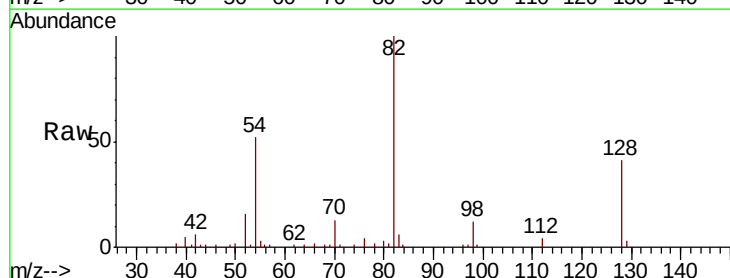
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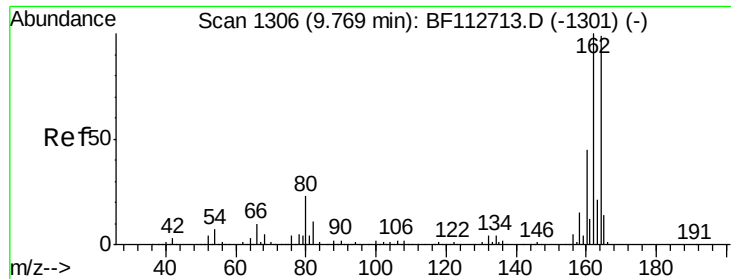
Tgt Ion: 82 Resp: 67364
Ion Ratio Lower Upper
82 100
128 40.9 36.3 54.5
54 51.8 43.7 65.5



#25
Isophorone
Concen: 3.335 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.26 min
Lab File: BF112842.D
Acq: 5 Mar 2019 2:41

Tgt Ion: 82 Resp: 64808
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 13.8 20.8#

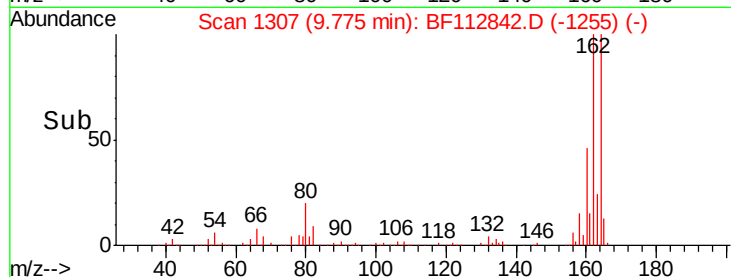
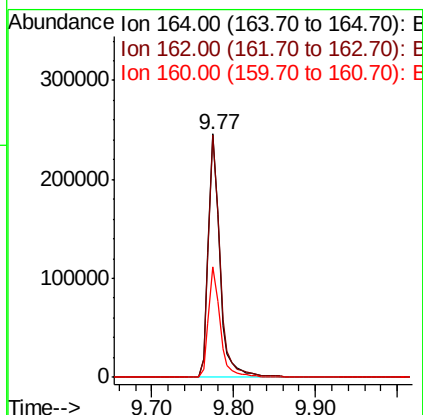
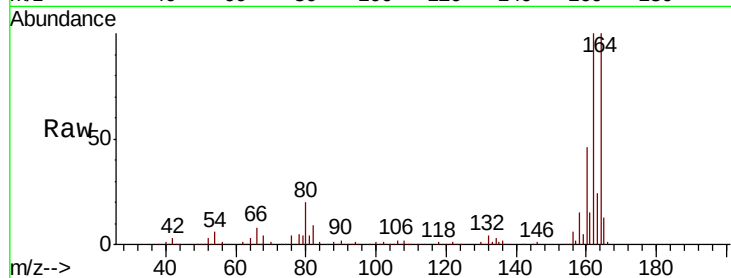




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. 0.01 min
 Lab File: BF112842.D
 Acq: 5 Mar 2019 2:41

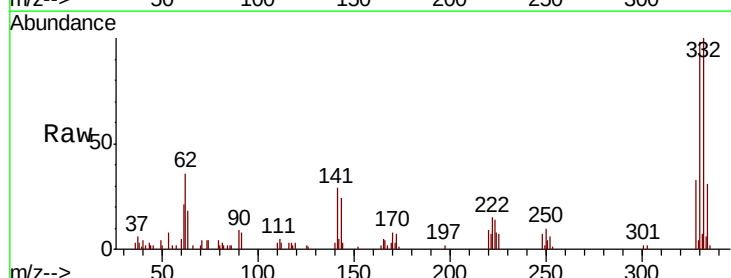
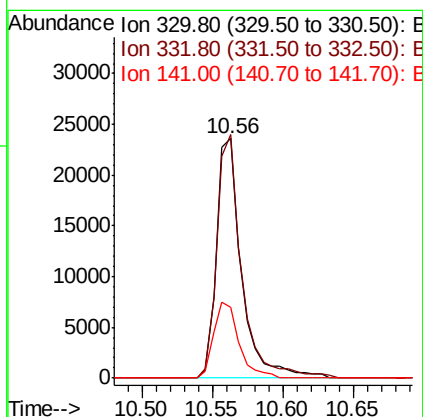
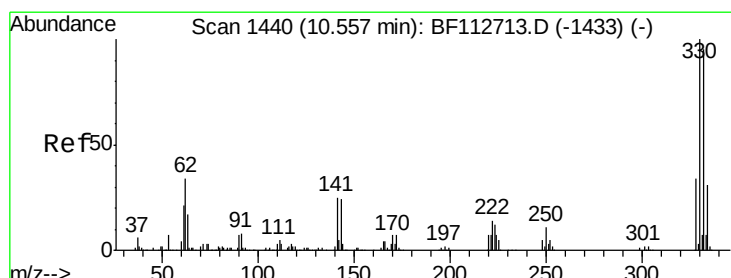
Instrument :
 BNA_F
 ClientSampleId :
 TRE-INTERIOR-WALLDL

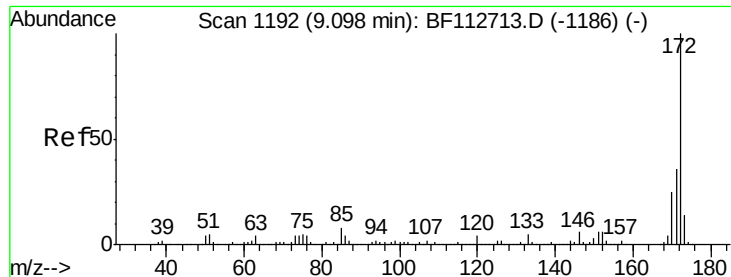
Tgt Ion:164 Resp: 242475
 Ion Ratio Lower Upper
 164 100
 162 99.6 80.6 120.8
 160 45.6 36.0 54.0



#42
 2,4,6-Tribromophenol
 Concen: 11.361 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. 0.01 min
 Lab File: BF112842.D
 Acq: 5 Mar 2019 2:41

Tgt Ion:330 Resp: 29246
 Ion Ratio Lower Upper
 330 100
 332 100.9 76.2 114.4
 141 31.7 27.0 40.6

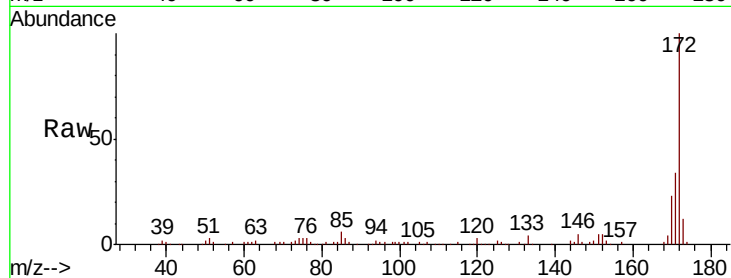




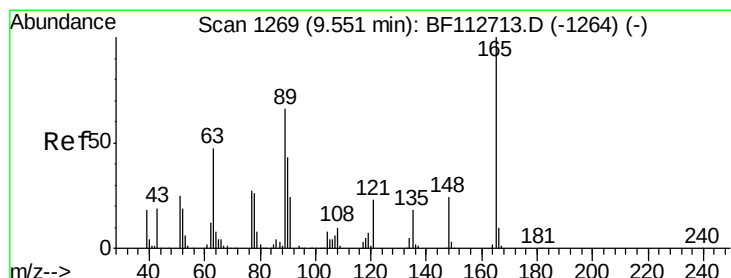
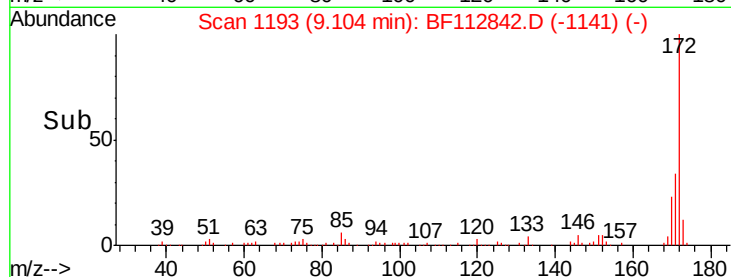
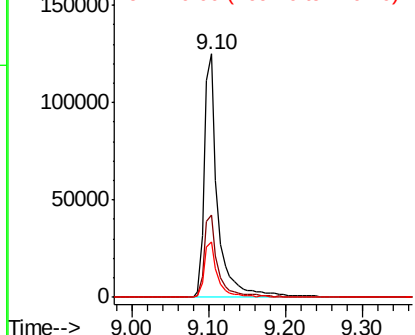
#45
 2-Fluorobiphenyl
 Concen: 7.141 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. 0.01 min
 Lab File: BF112842.D
 Acq: 5 Mar 2019 2:41

Instrument :
 BNA_F
 ClientSampleId :
 TRE-INTERIOR-WALLDL

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.7	29.0	43.4
170	22.6	20.0	30.0

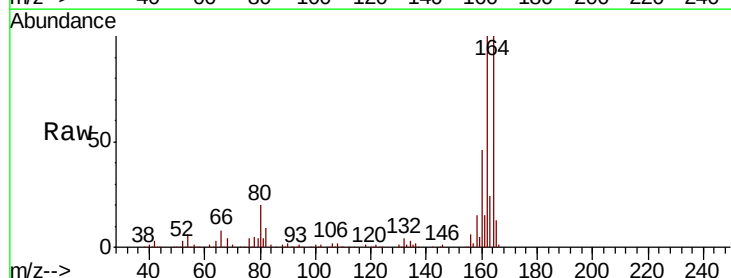


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

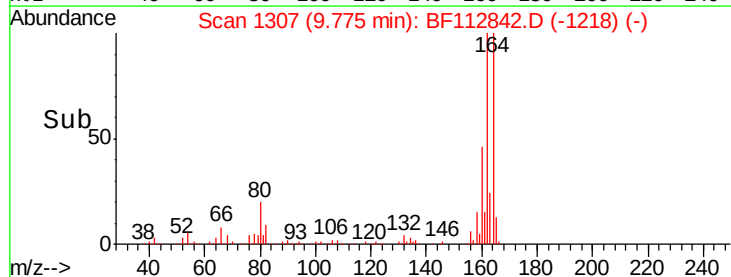
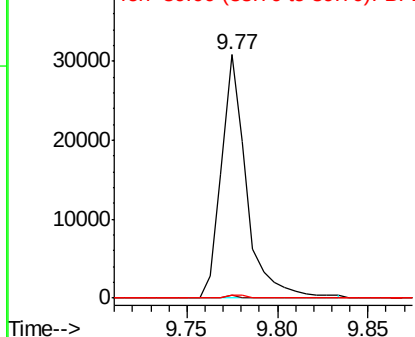


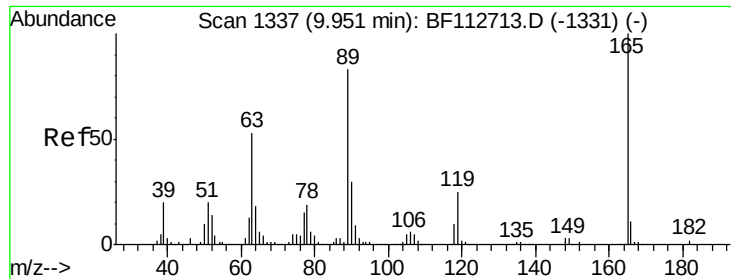
#51
 2,6-Dinitrotoluene
 Concen: 8.008 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. 0.22 min
 Lab File: BF112842.D
 Acq: 5 Mar 2019 2:41

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	54.1	81.1#
89	1.4	52.8	79.2#



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

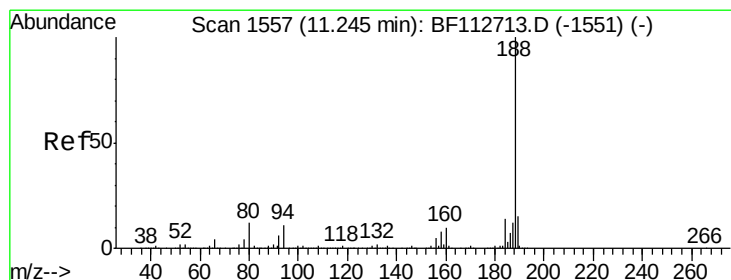
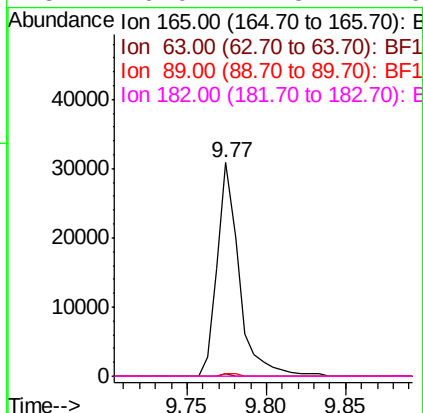
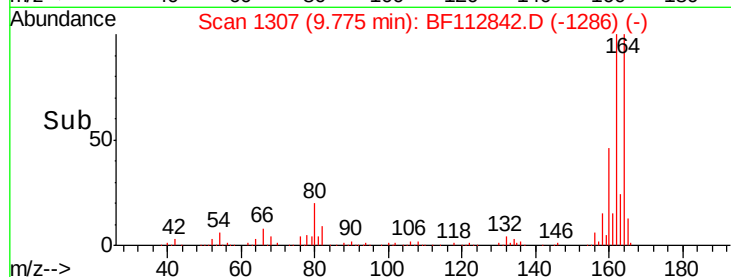
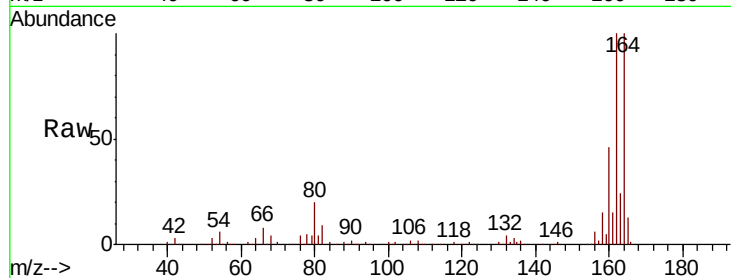




#57
2,4-Dinitrotoluene
Concen: 6.443 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.18 min
Lab File: BF112842.D
Acq: 5 Mar 2019 2:41

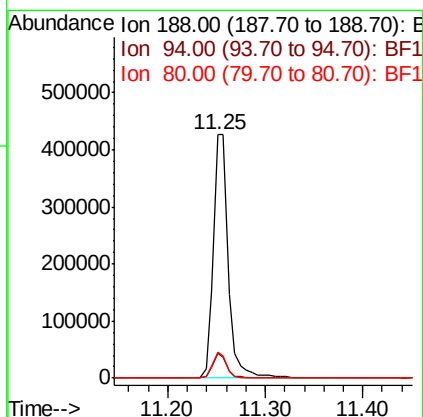
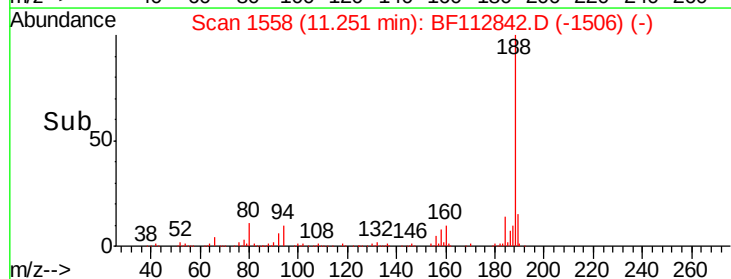
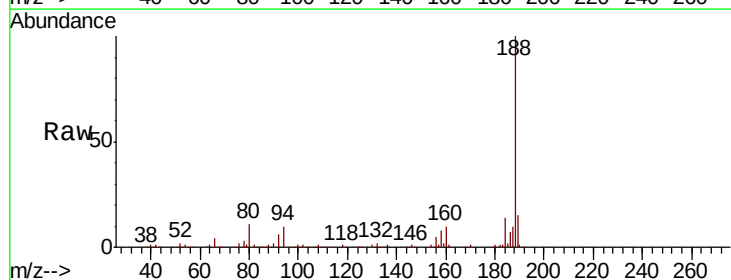
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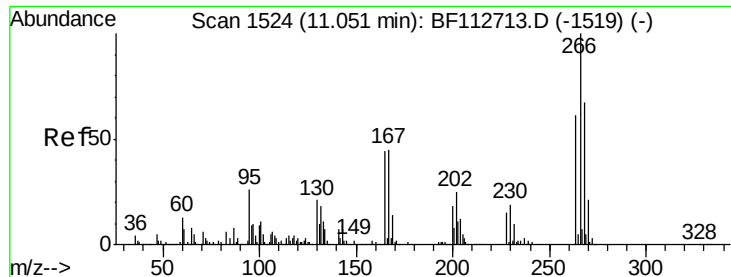
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	42.2	63.2#
89	1.4	66.2	99.4#
182	0.0	1.8	2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF112842.D
Acq: 5 Mar 2019 2:41

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.2	9.0	13.4
80	10.8	9.2	13.8

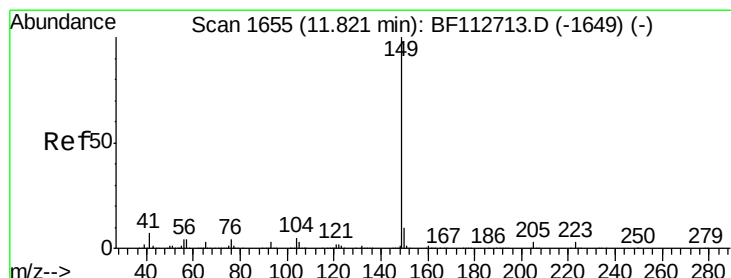
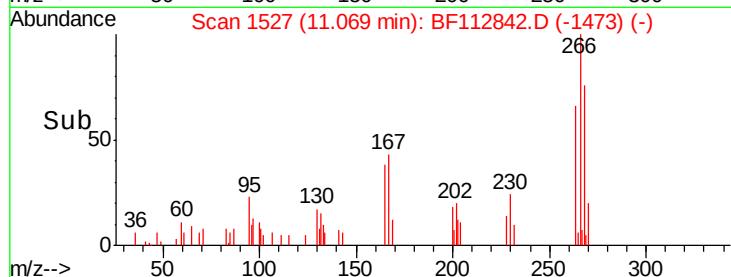
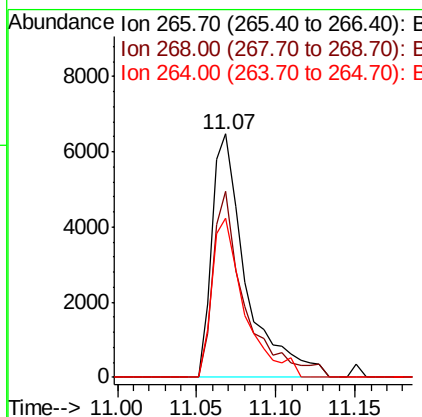
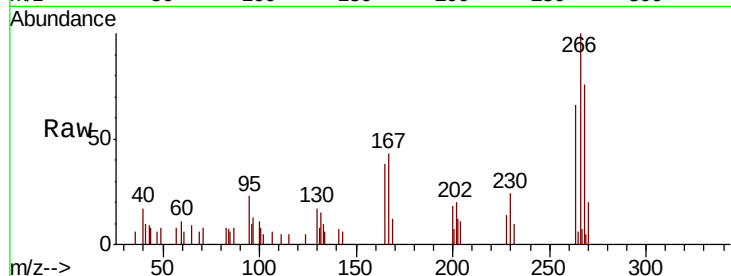




#70
 Pentachlorophenol
 Concen: 3.056 ng
 RT: 11.07 min Scan# 1527
 Delta R.T. 0.02 min
 Lab File: BF112842.D
 Acq: 5 Mar 2019 2:41

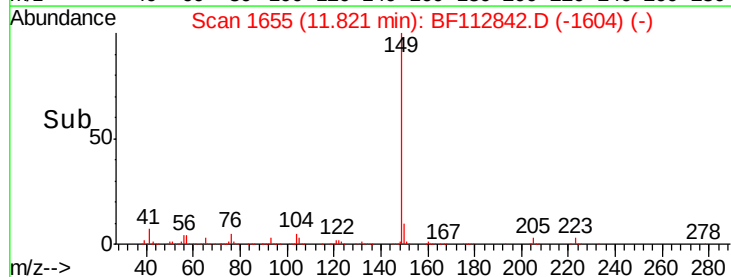
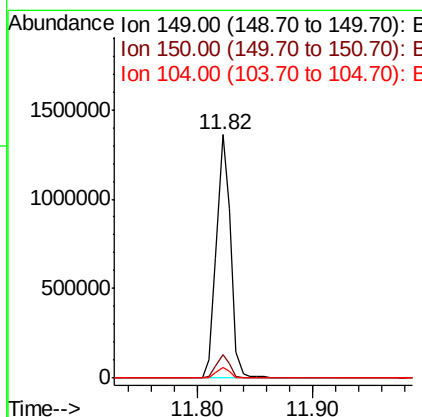
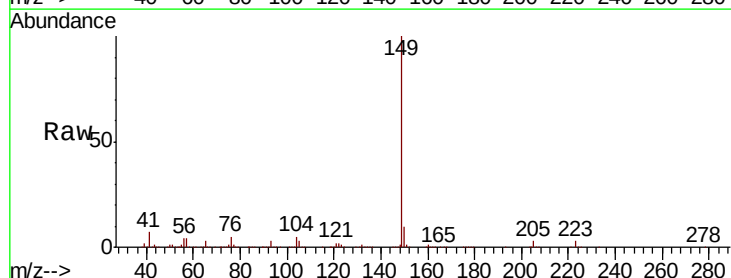
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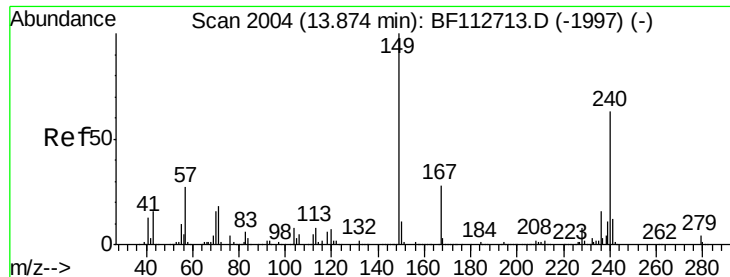
Tgt Ion: 266 Resp: 9713
 Ion Ratio Lower Upper
 266 100
 268 81.1 53.3 79.9#
 264 71.5 48.9 73.3



#74
 Di-n-butylphthalate
 Concen: 41.939 ng
 RT: 11.82 min Scan# 1655
 Delta R.T. 0.00 min
 Lab File: BF112842.D
 Acq: 5 Mar 2019 2:41

Tgt Ion: 149 Resp: 1162103
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.6 11.4
 104 4.6 3.7 5.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.88 min Scan# 2005

Delta R.T. 0.01 min

Lab File: BF112842.D

Acq: 5 Mar 2019 2:41

Instrument :

BNA_F

ClientSampleId :

TRE-INTERIOR-WALLDL

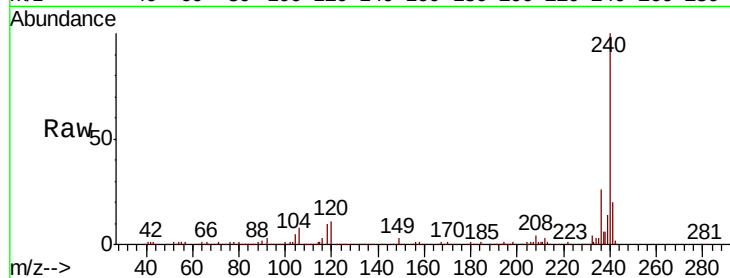
Tgt Ion:240 Resp: 385247

Ion Ratio Lower Upper

240 100

120 11.2 8.9 13.3

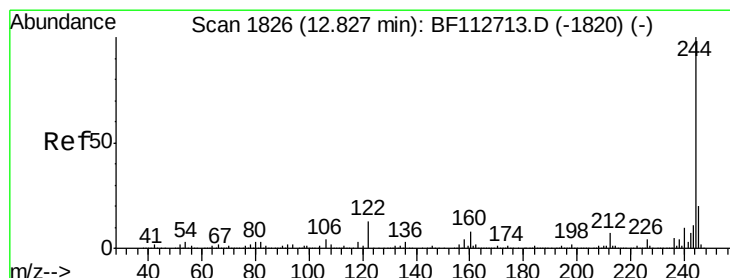
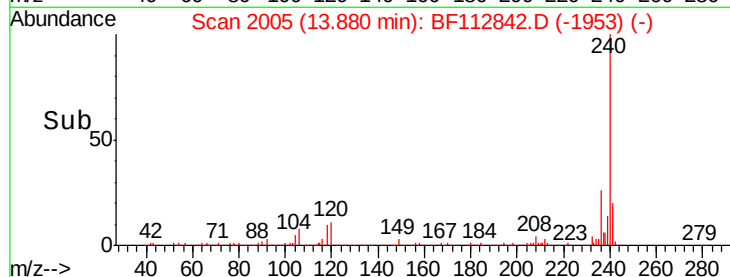
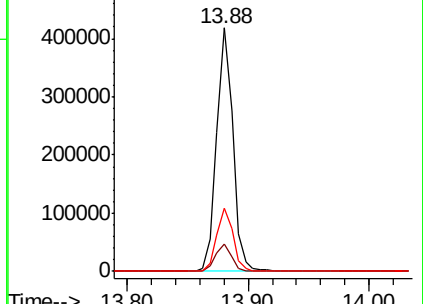
236 26.1 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#79

Terphenyl-d14

Concen: 7.932 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.01 min

Lab File: BF112842.D

Acq: 5 Mar 2019 2:41

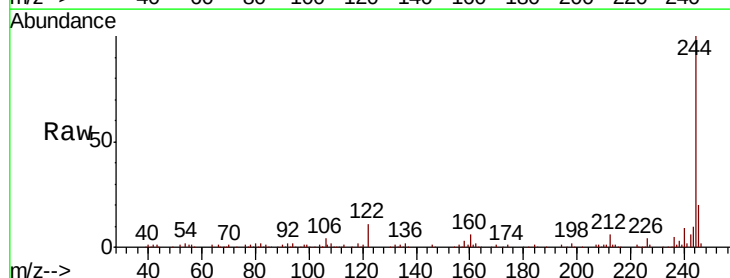
Tgt Ion:244 Resp: 157644

Ion Ratio Lower Upper

244 100

212 6.2 5.6 8.4

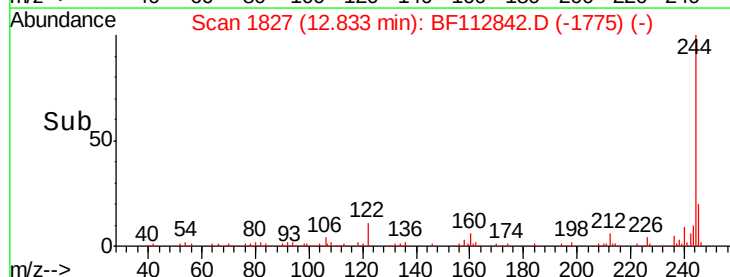
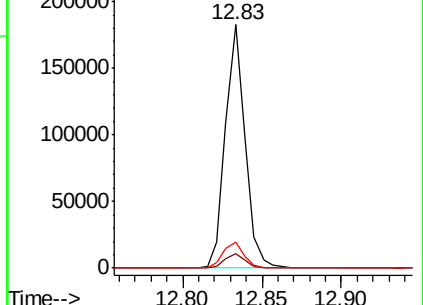
122 10.7 10.5 15.7

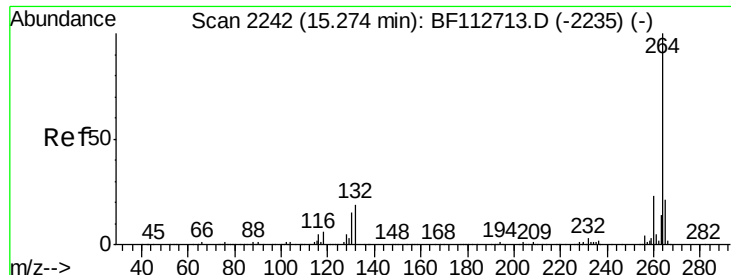


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2245
Delta R.T. 0.02 min
Lab File: BF112842.D
Acq: 5 Mar 2019 2:41

Instrument :
BNA_F
ClientSampleId :
TRE-INTERIOR-WALLDL

Tgt Ion: 264 Resp: 296043
Ion Ratio Lower Upper
264 100
260 24.0 18.7 28.1
265 20.9 17.2 25.8

