

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032419\
 Data File : BF113269.D
 Acq On : 24 Mar 2019 15:48
 Operator : JU/SJ
 Sample : K2061-01 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26524-27245

Quant Time: Mar 25 04:20:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

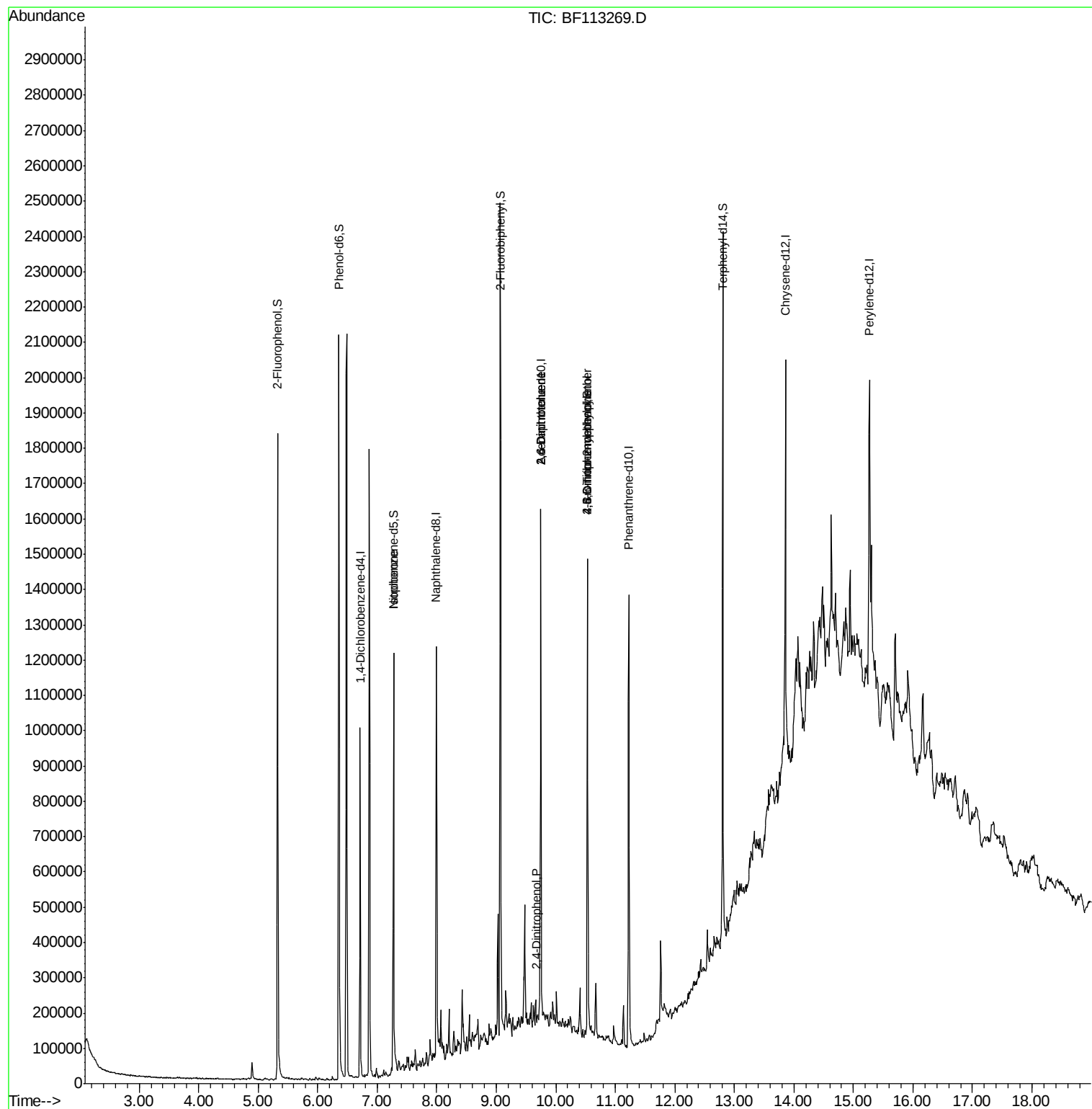
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	163014	20.00	ng	-0.02
21) Naphthalene-d8	7.99	136	616545	20.00	ng	-0.02
39) Acenaphthene-d10	9.75	164	287907	20.00	ng	-0.02
64) Phenanthrene-d10	11.23	188	517474	20.00	ng	-0.02
76) Chrysene-d12	13.86	240	406215	20.00	ng	-0.01
87) Perylene-d12	15.27	264	431064	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	559002	53.34	ng	-0.02
7) Phenol-d6	6.36	99	741855	56.35	ng	-0.02
23) Nitrobenzene-d5	7.27	82	439247	42.63	ng	-0.02
42) 2,4,6-Tribromophenol	10.53	330	203834	66.69	ng	-0.02
45) 2-Fluorobiphenyl	9.07	172	802823	40.06	ng	-0.02
79) Terphenyl-d14	12.80	244	716409	34.19	ng	-0.02
Target Compounds						
25) Isophorone	7.27	82	432461	19.482	ng	# 66
51) 2,6-Dinitrotoluene	9.75	165	35701	8.076	ng	# 19
54) 2,4-Dinitrophenol	9.67	184	563	6.740	ng	# 48
57) 2,4-Dinitrotoluene	9.75	165	35701	6.497	ng	# 18
65) 4,6-Dinitro-2-methylphenol	10.53	198	317	4.748	ng	# 1
67) 4-Bromophenyl-phenylether	10.53	248	11436	2.098	ng	# 1

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

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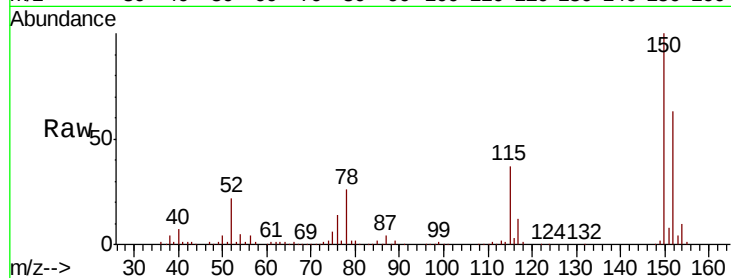


#1

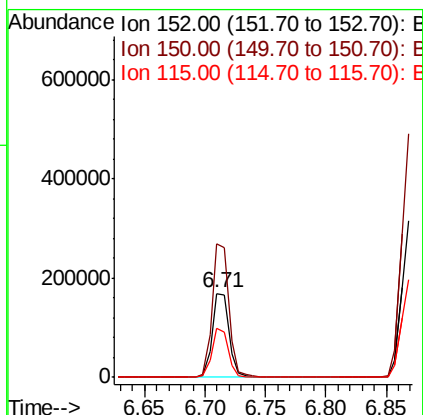
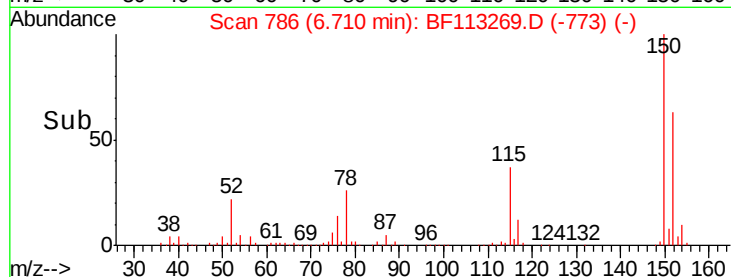
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.71 min Scan# 786
 Delta R.T. -0.02 min
 Lab File: BF113269.D
 Acq: 24 Mar 2019 15:48

Instrument :
 BNA_F
 ClientSampleId :
 26524-27245

Tgt Ion:152 Resp: 163014
 Ion Ratio Lower Upper
 152 100
 150 159.4 124.2 186.2
 115 58.8 48.2 72.4



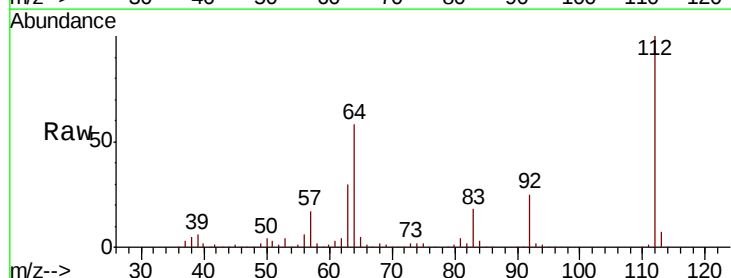
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



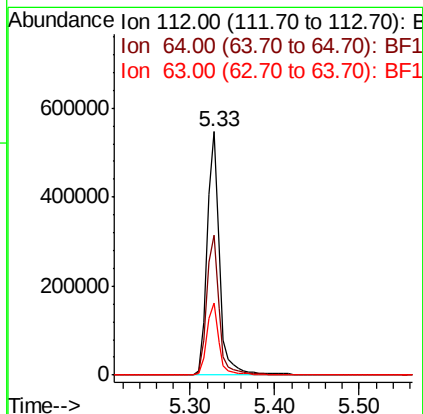
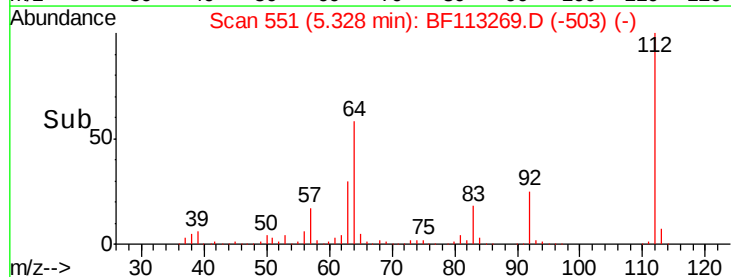
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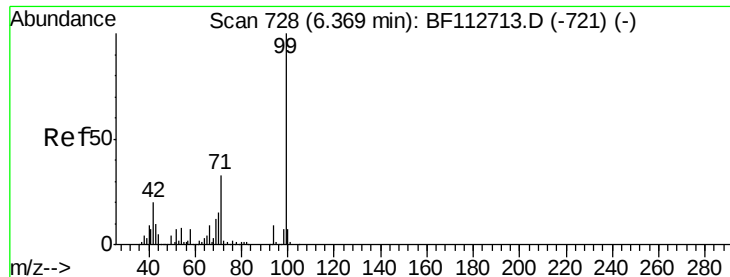
2-Fluorophenol
 Concen: 53.342 ng
 RT: 5.33 min Scan# 551
 Delta R.T. -0.02 min
 Lab File: BF113269.D
 Acq: 24 Mar 2019 15:48

Tgt Ion:112 Resp: 559002
 Ion Ratio Lower Upper
 112 100
 64 57.6 47.6 71.4
 63 29.5 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: 56.355 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.02 min

Lab File: BF113269.D

Acq: 24 Mar 2019 15:48

Instrument :

BNA_F

ClientSampleId :

26524-27245

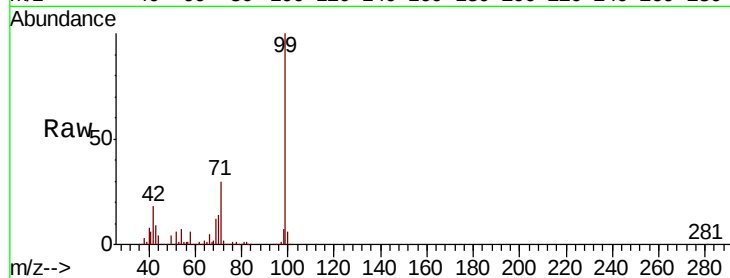
Tgt Ion: 99 Resp: 741855

Ion Ratio Lower Upper

99 100

42 17.7 16.3 24.5

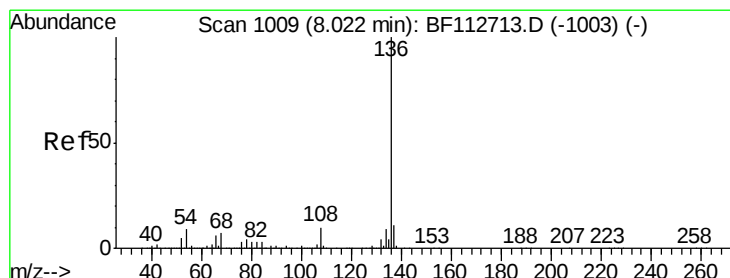
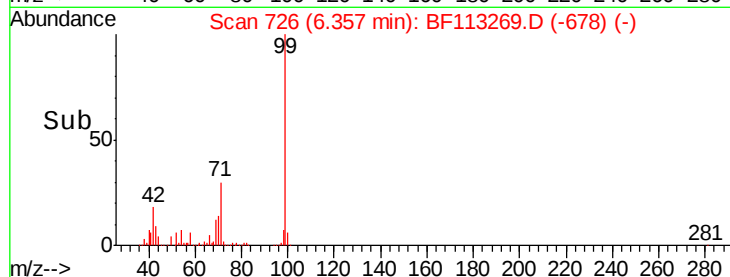
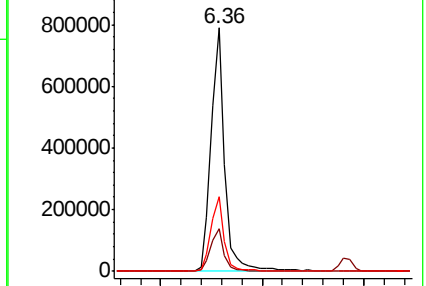
71 30.5 26.2 39.4



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: 7.99 min Scan# 1004

Delta R.T. -0.02 min

Lab File: BF113269.D

Acq: 24 Mar 2019 15:48

Tgt Ion: 136 Resp: 616545

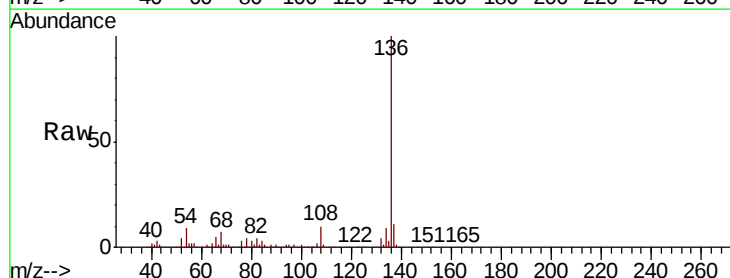
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 8.8 7.3 10.9

68 6.5 5.4 8.2

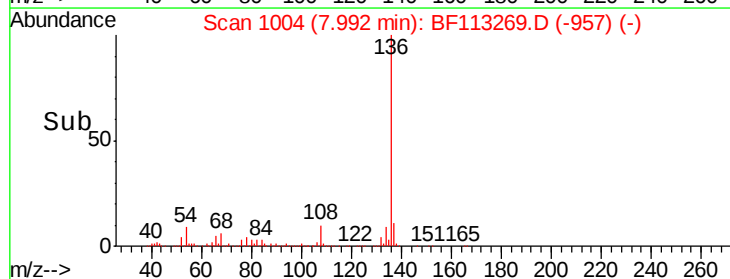
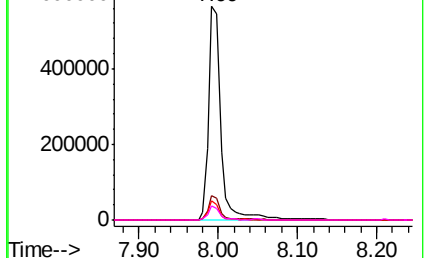


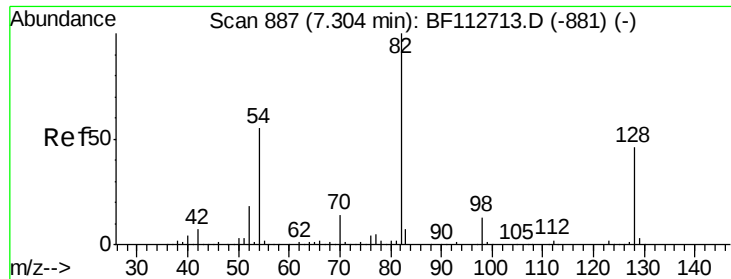
Abundance Ion 136.00 (135.70 to 136.70): E

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

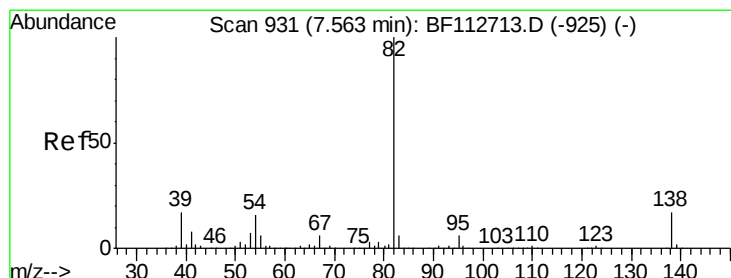
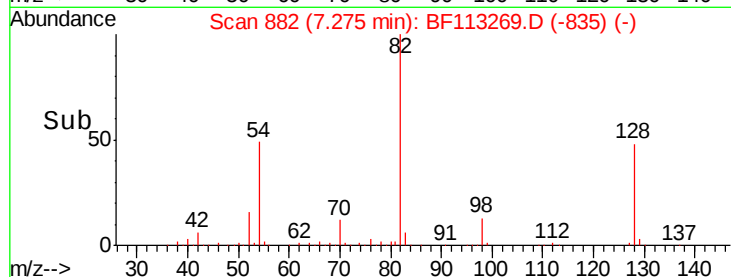
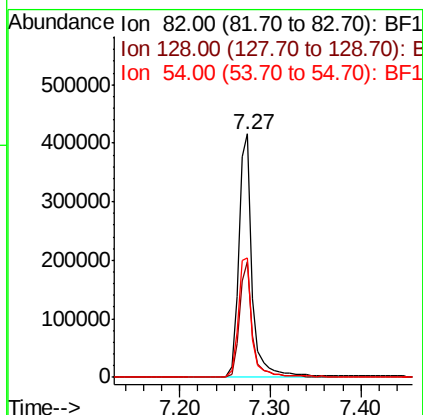
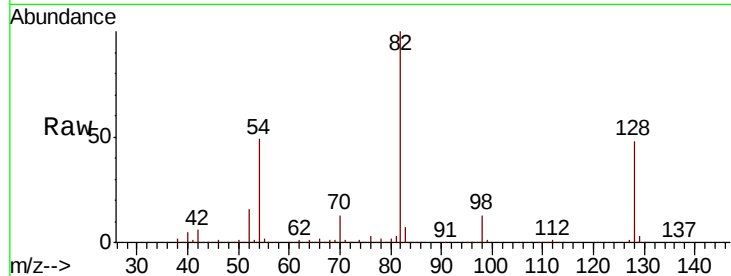




#23
Nitrobenzene-d5
Concen: 42.631 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.02 min
Lab File: BF113269.D
Acq: 24 Mar 2019 15:48

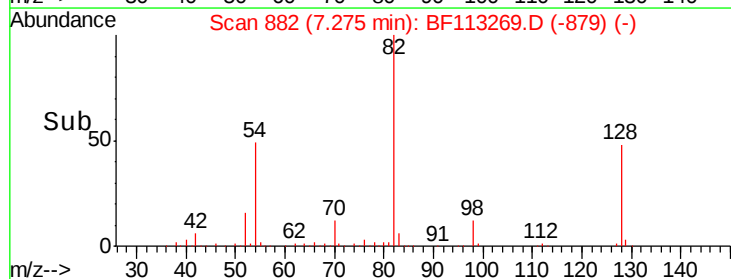
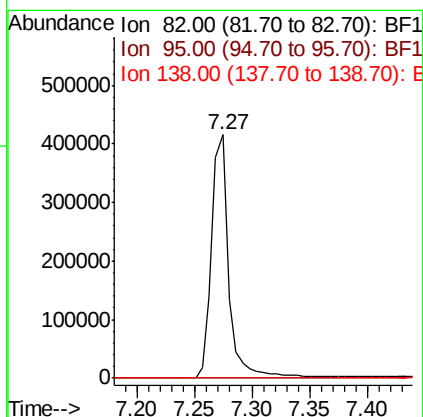
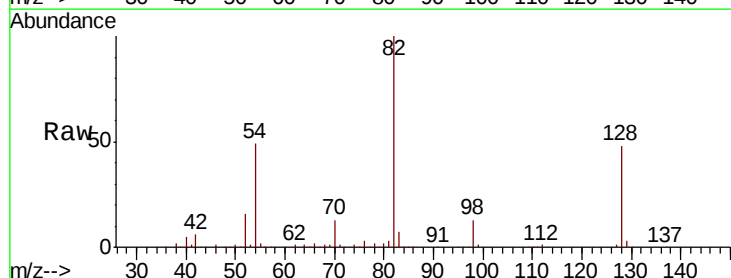
Instrument :
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ClientSampleId :
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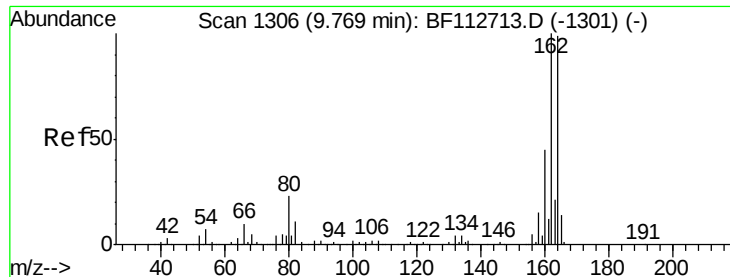
Tgt Ion: 82 Resp: 439247
Ion Ratio Lower Upper
82 100
128 47.5 36.3 54.5
54 49.1 43.7 65.5



#25
Isophorone
Concen: 19.482 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.28 min
Lab File: BF113269.D
Acq: 24 Mar 2019 15:48

Tgt Ion: 82 Resp: 432461
Ion Ratio Lower Upper
82 100
95 0.2 5.2 7.8#
138 0.0 13.8 20.8#

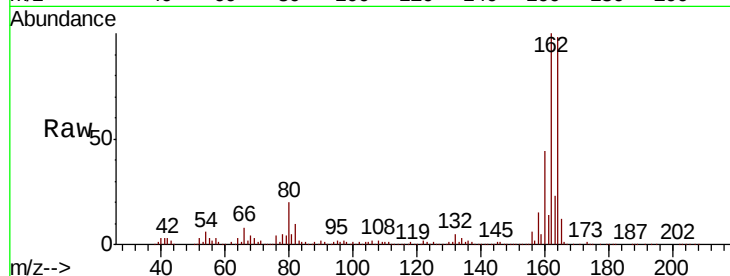




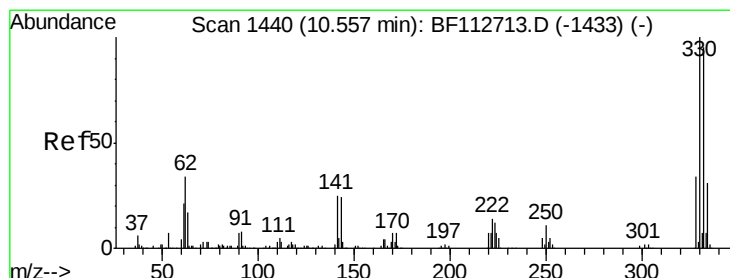
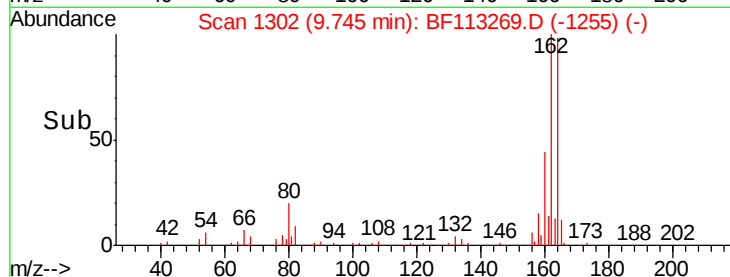
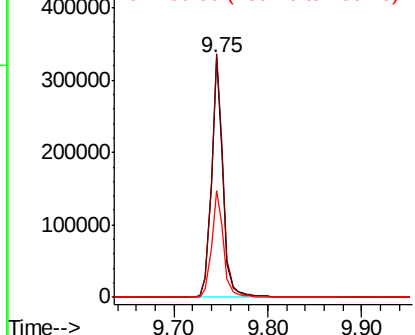
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.02 min
 Lab File: BF113269.D
 Acq: 24 Mar 2019 15:48

Instrument :
 BNA_F
 ClientSampleId :
 26524-27245

Tgt Ion:164 Resp: 287907
 Ion Ratio Lower Upper
 164 100
 162 101.7 80.6 120.8
 160 44.7 36.0 54.0

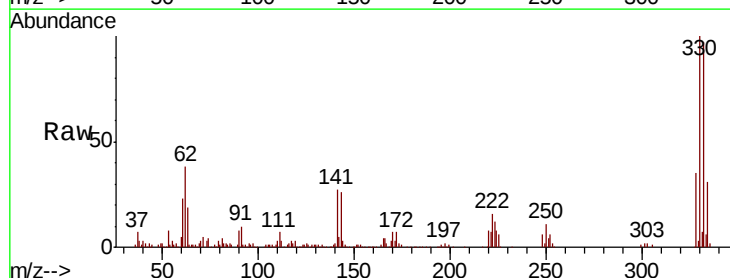


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

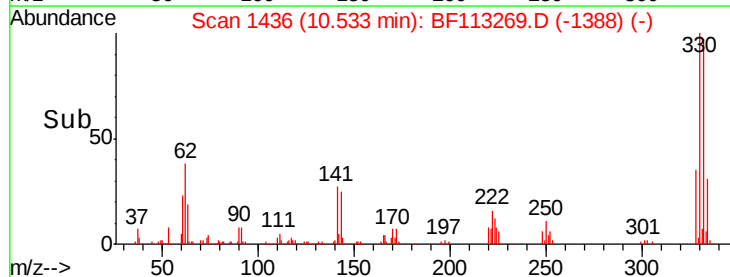
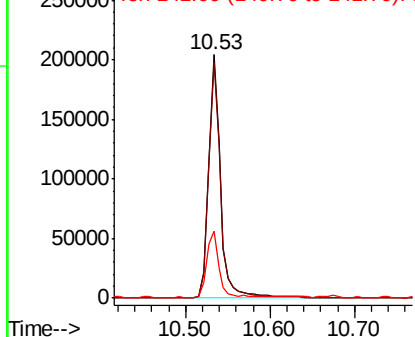


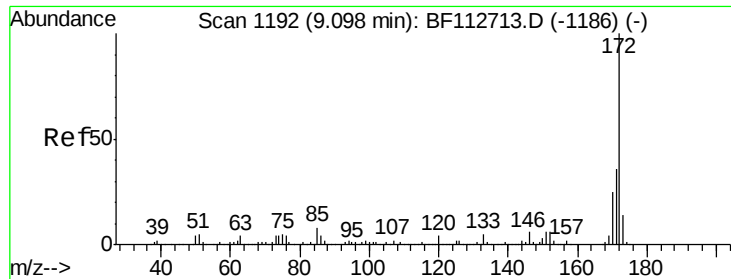
#42
 2,4,6-Tribromophenol
 Concen: 66.689 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. -0.02 min
 Lab File: BF113269.D
 Acq: 24 Mar 2019 15:48

Tgt Ion:330 Resp: 203834
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.2 114.4
 141 27.5 27.0 40.6



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

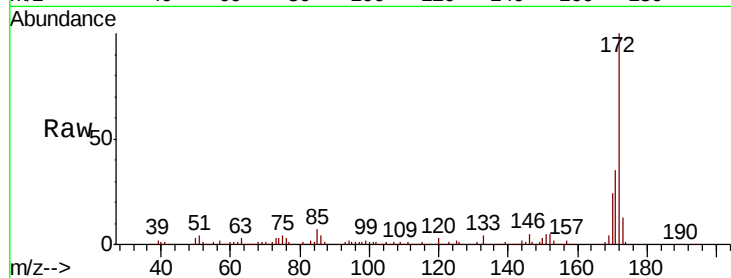




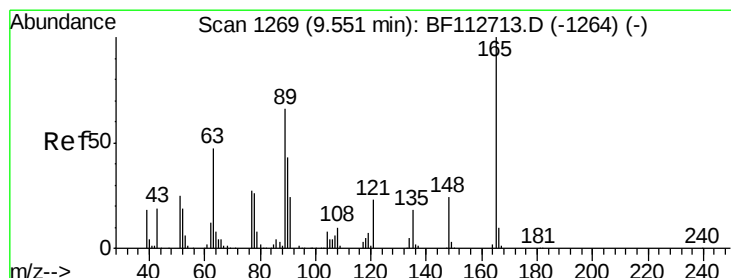
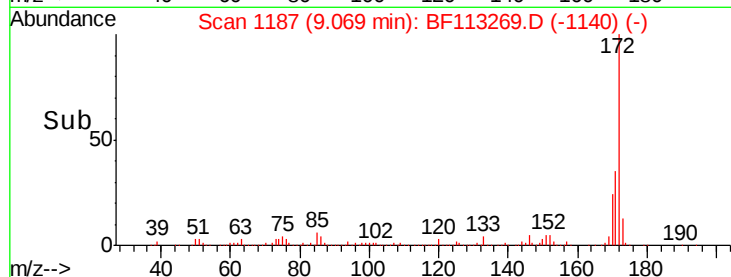
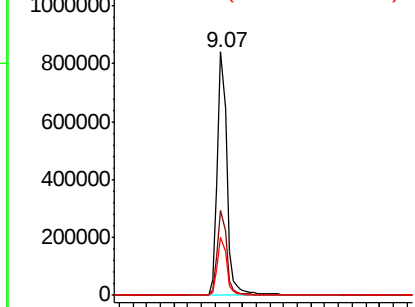
#45
2-Fluorobiphenyl
Concen: 40.060 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.02 min
Lab File: BF113269.D
Acq: 24 Mar 2019 15:48

Instrument :
BNA_F
ClientSampleId :
26524-27245

Tgt Ion:172 Resp: 802823
Ion Ratio Lower Upper
172 100
171 35.0 29.0 43.4
170 23.8 20.0 30.0

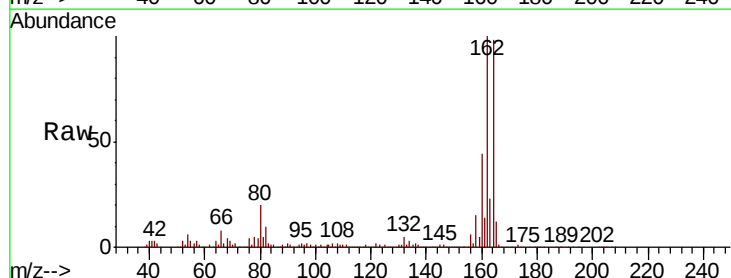


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

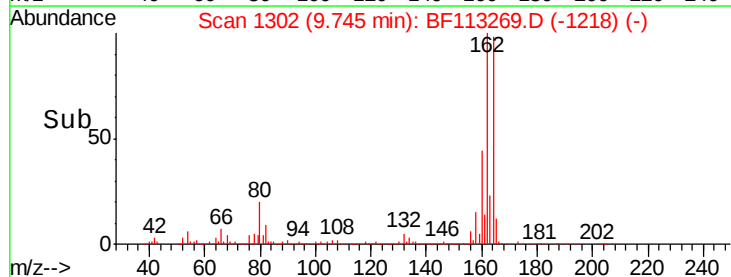
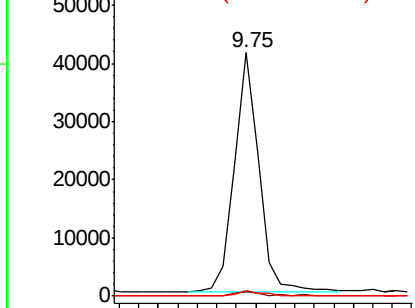


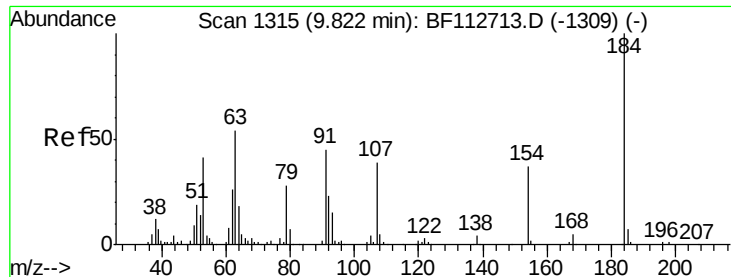
#51
2,6-Dinitrotoluene
Concen: 8.076 ng
RT: 9.75 min Scan# 1302
Delta R.T. 0.19 min
Lab File: BF113269.D
Acq: 24 Mar 2019 15:48

Tgt Ion:165 Resp: 35701
Ion Ratio Lower Upper
165 100
63 1.6 54.1 81.1#
89 2.1 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

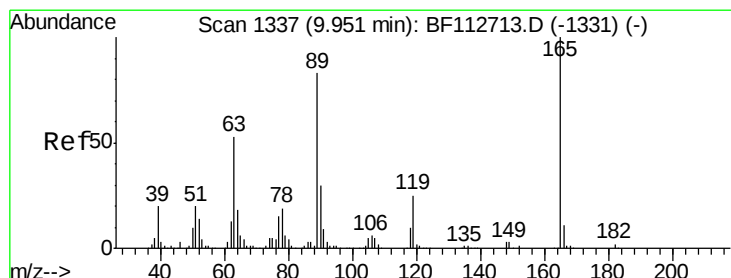
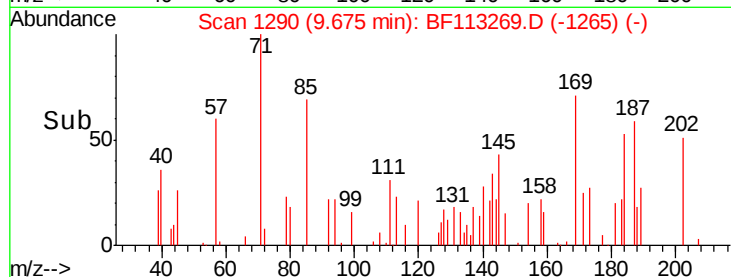
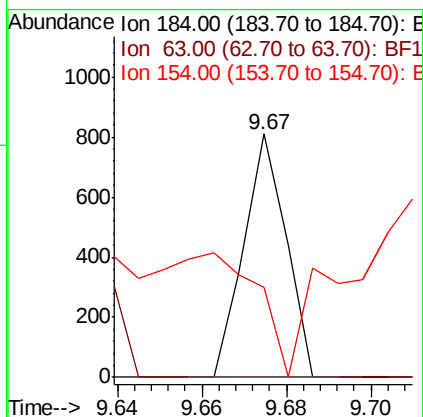
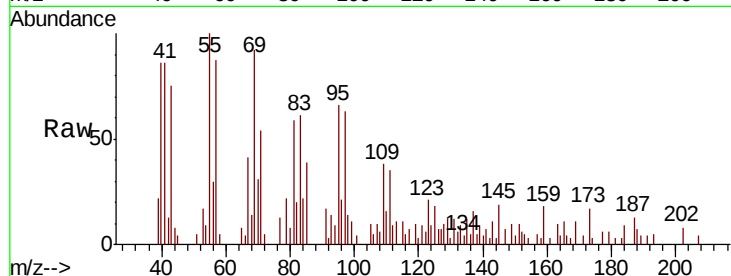




#54
2,4-Dinitrophenol
Concen: 6.740 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.15 min
Lab File: BF113269.D
Acq: 24 Mar 2019 15:48

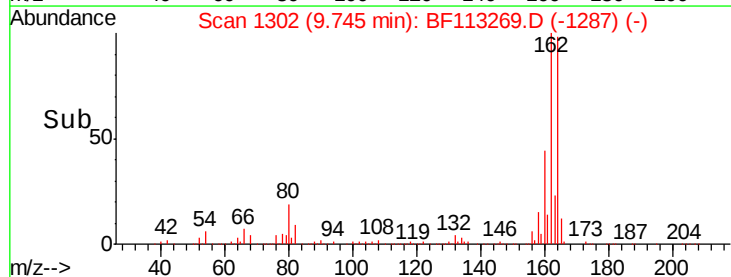
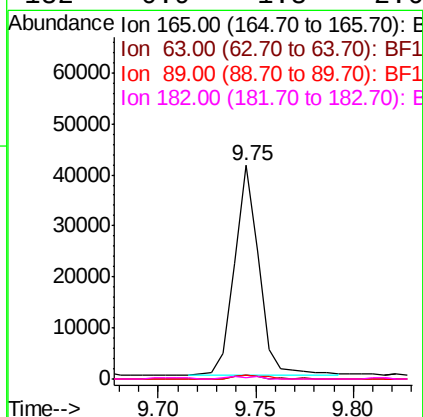
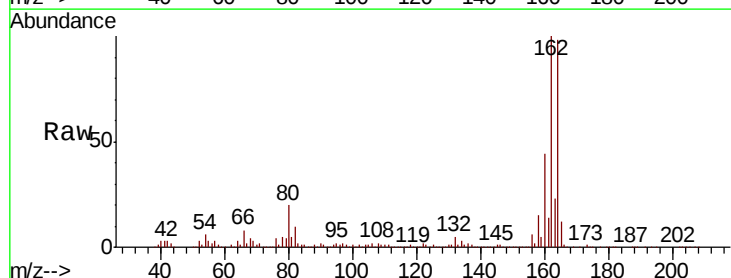
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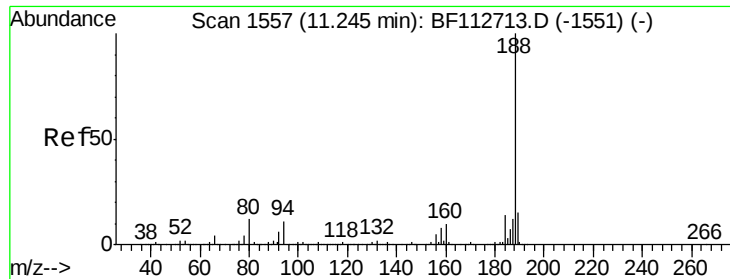
Tgt Ion:184 Resp: 563
Ion Ratio Lower Upper
184 100
63 0.0 45.3 67.9#
154 37.1 46.0 69.0#



#57
2,4-Dinitrotoluene
Concen: 6.497 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.21 min
Lab File: BF113269.D
Acq: 24 Mar 2019 15:48

Tgt Ion:165 Resp: 35701
Ion Ratio Lower Upper
165 100
63 1.6 42.2 63.2#
89 2.1 66.2 99.4#
182 0.9 1.8 2.6#

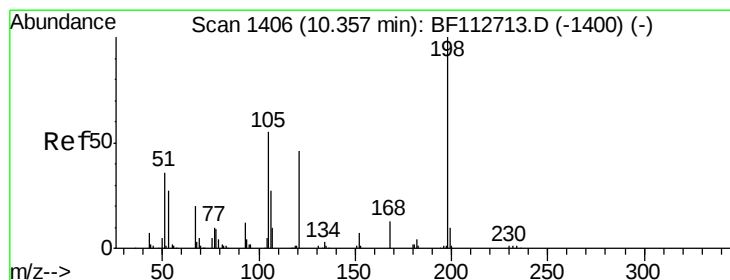
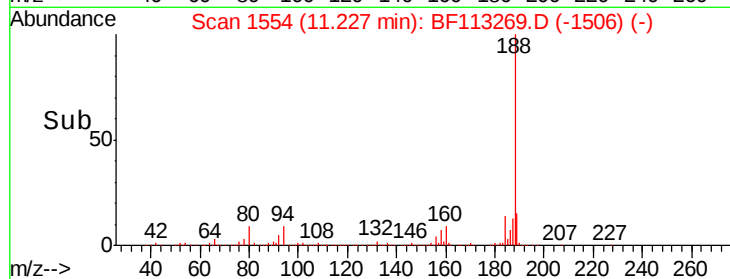
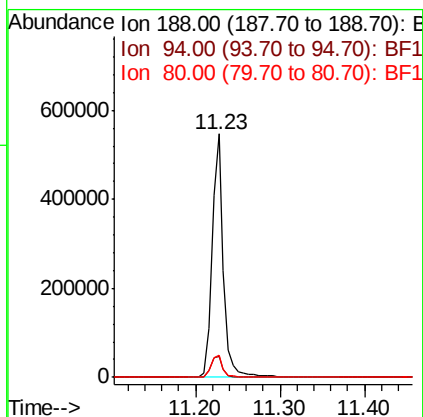
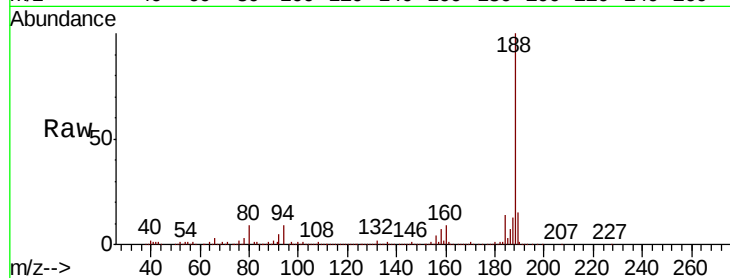




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.02 min
Lab File: BF113269.D
Acq: 24 Mar 2019 15:48

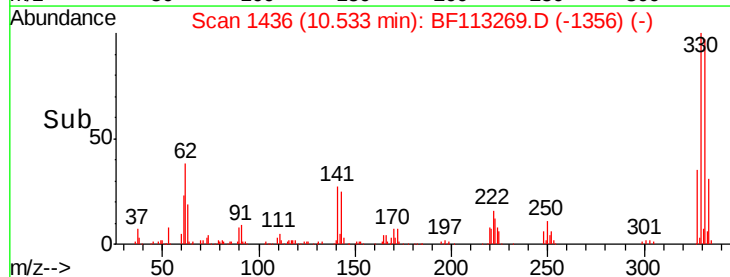
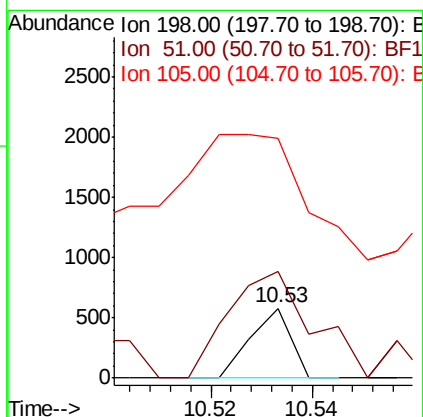
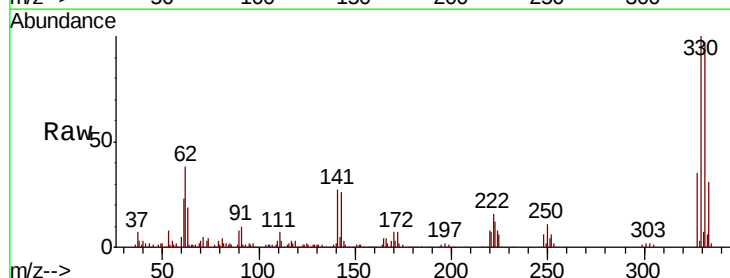
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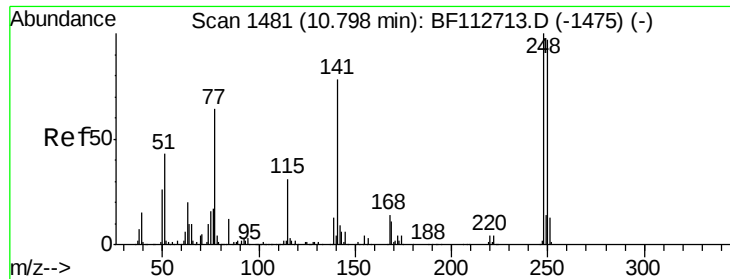
Tgt Ion:188 Resp: 517474
Ion Ratio Lower Upper
188 100
94 8.8 9.0 13.4#
80 8.9 9.2 13.8#



#65
4,6-Dinitro-2-methylphenol
Concen: 4.748 ng
RT: 10.53 min Scan# 1436
Delta R.T. 0.17 min
Lab File: BF113269.D
Acq: 24 Mar 2019 15:48

Tgt Ion:198 Resp: 317
Ion Ratio Lower Upper
198 100
51 152.8 43.8 83.8#
105 343.0 36.5 76.5#

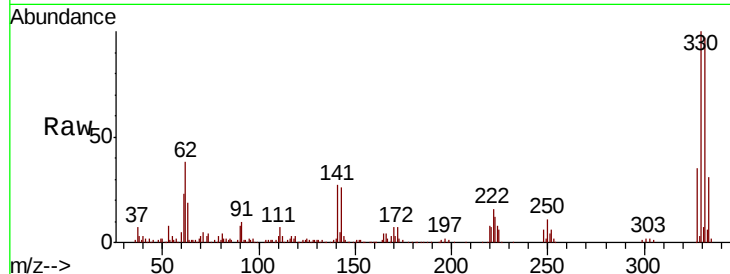




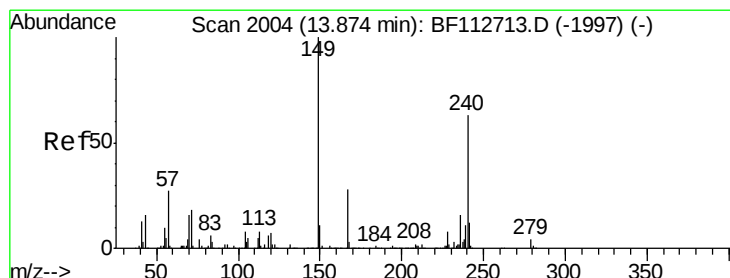
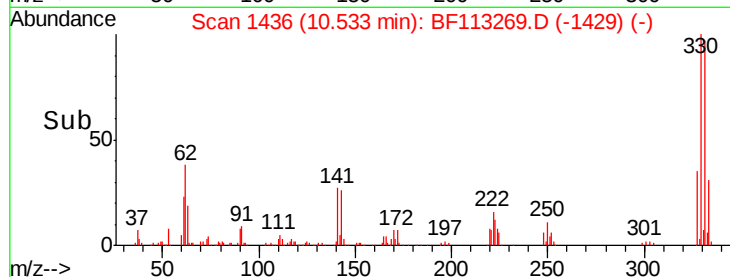
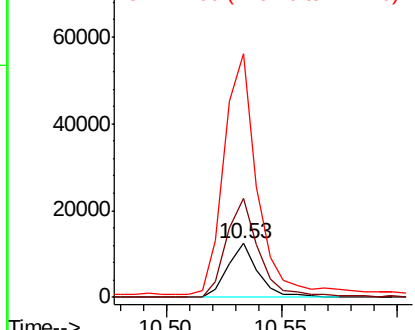
#67
4-Bromophenyl-phenylether
Concen: 2.098 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.26 min
Lab File: BF113269.D
Acq: 24 Mar 2019 15:48

Instrument :
BNA_F
ClientSampleId :
26524-27245

Tgt Ion:248 Resp: 11436
Ion Ratio Lower Upper
248 100
250 184.4 77.5 116.3#
141 453.5 62.4 93.6#

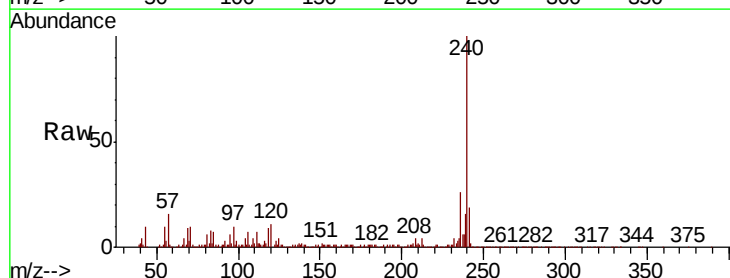


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

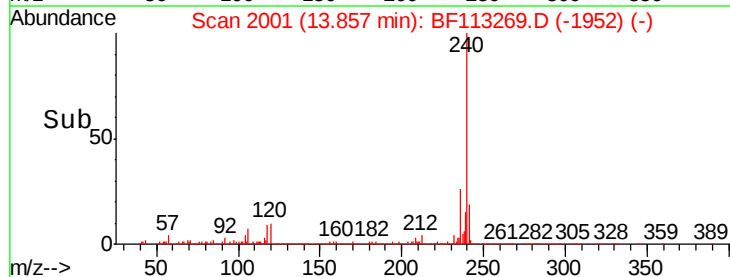
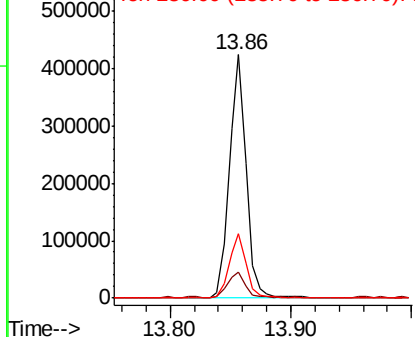


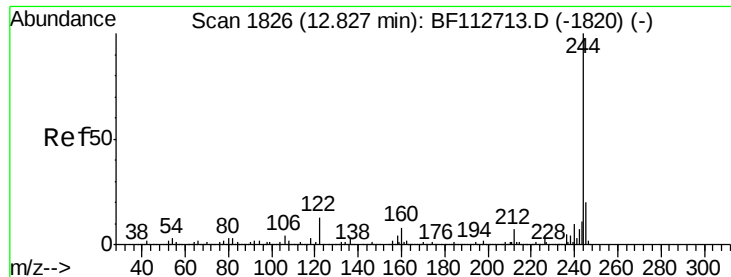
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BF113269.D
Acq: 24 Mar 2019 15:48

Tgt Ion:240 Resp: 406215
Ion Ratio Lower Upper
240 100
120 10.7 8.9 13.3
236 26.2 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: 34.188 ng

RT: 12.80 min Scan# 1822

Delta R.T. -0.02 min

Lab File: BF113269.D

Acq: 24 Mar 2019 15:48

Instrument :

BNA_F

ClientSampleId :

26524-27245

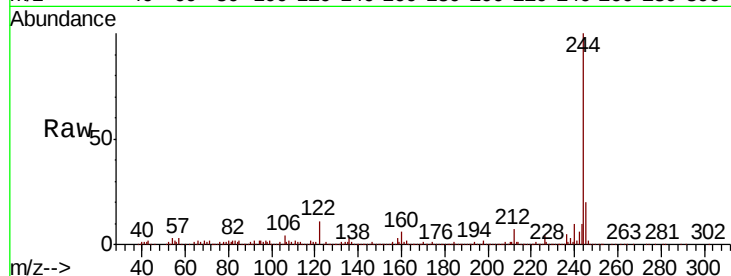
Tgt Ion:244 Resp: 716409

Ion Ratio Lower Upper

244 100

212 6.6 5.6 8.4

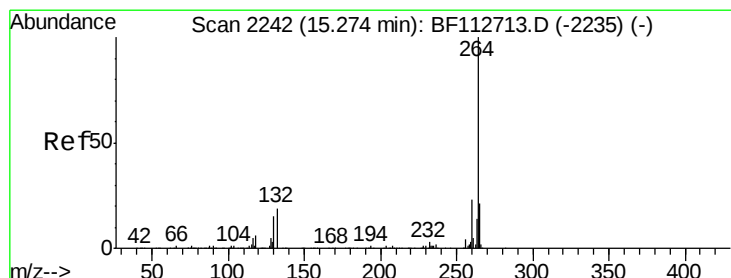
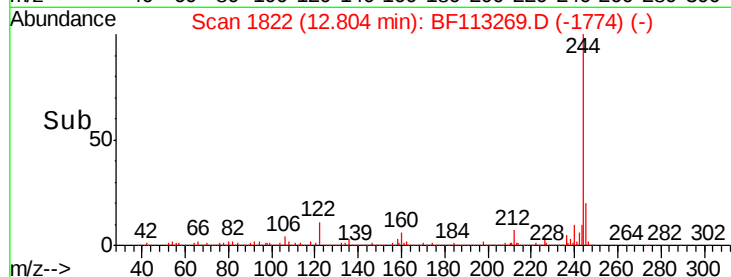
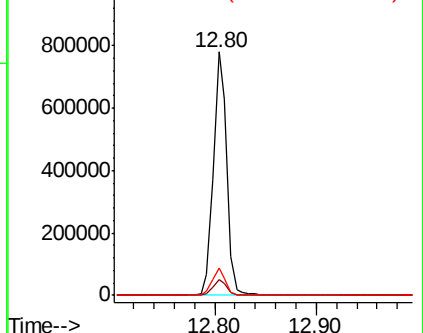
122 11.3 10.5 15.7



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: 15.27 min Scan# 2241

Delta R.T. -0.01 min

Lab File: BF113269.D

Acq: 24 Mar 2019 15:48

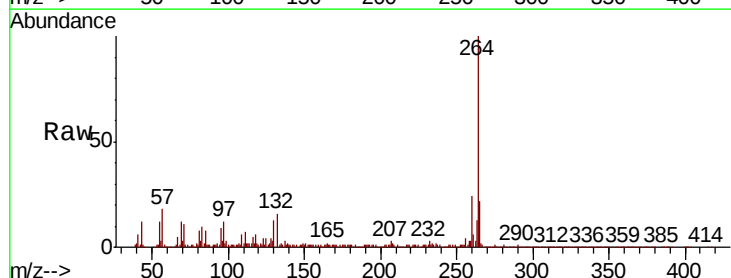
Tgt Ion:264 Resp: 431064

Ion Ratio Lower Upper

264 100

260 23.8 18.7 28.1

265 21.8 17.2 25.8



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

