

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040119\
 Data File : BF113470.D
 Acq On : 1 Apr 2019 16:57
 Operator : JU/SJ
 Sample : K2186-21
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-TRACK-78-79

Quant Time: Apr 02 01:08:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 03:32:08 2019
 Response via : Initial Calibration

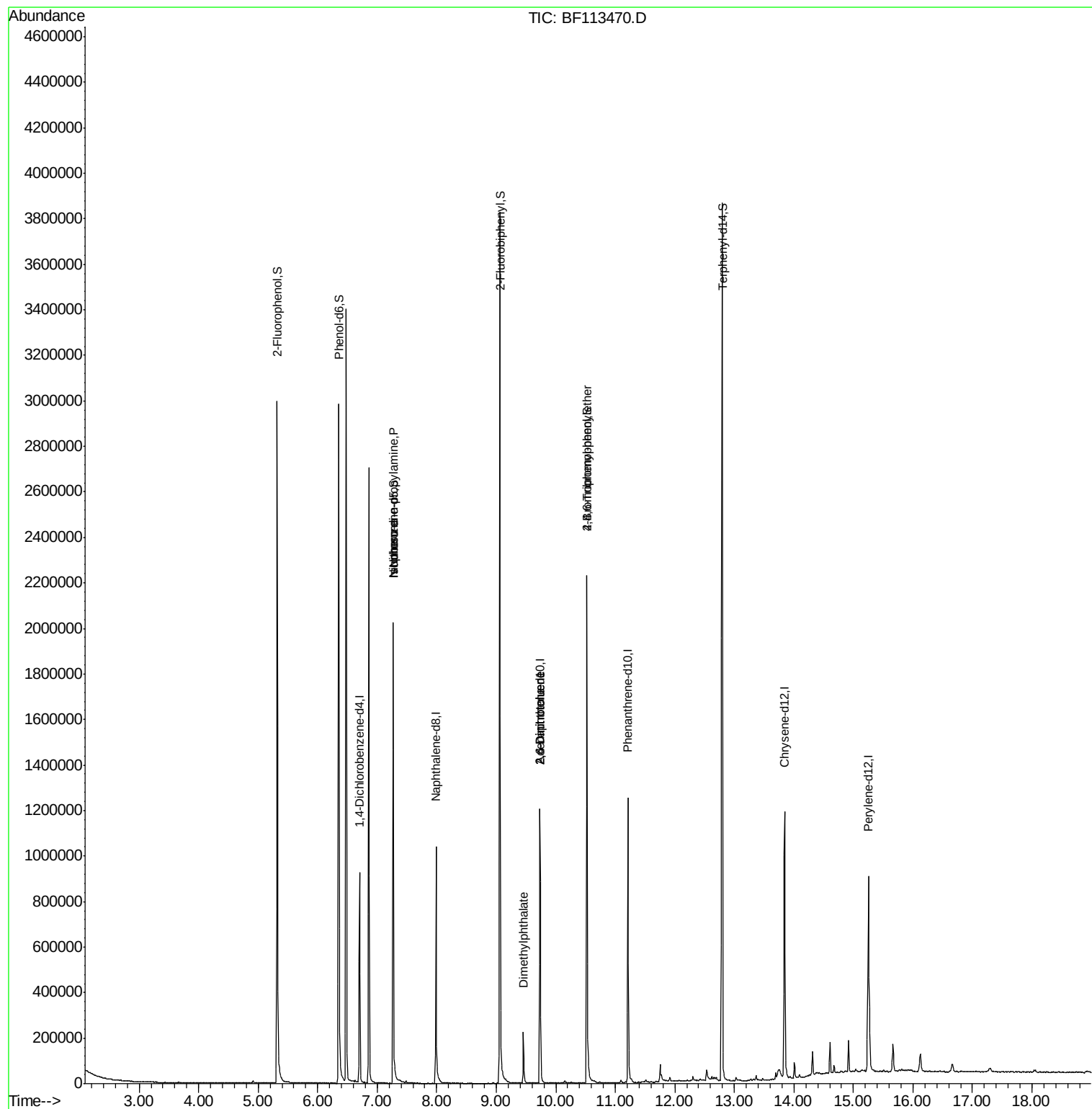
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	135687	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	516085	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	253073	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	531071	20.00	ng	0.00
76) Chrysene-d12	13.84	240	457663	20.00	ng	0.00
87) Perylene-d12	15.25	264	462148	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	919856	110.85	ng	0.00
7) Phenol-d6	6.36	99	1193865	113.73	ng	0.00
23) Nitrobenzene-d5	7.27	82	693279	79.73	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	348779	111.57	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1318517	80.79	ng	0.00
79) Terphenyl-d14	12.80	244	1532891	73.83	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.27	70	87795	13.314	ng	# 77
25) Isophorone	7.27	82	688161	40.839	ng	# 64
50) Dimethylphthalate	9.46	163	111019	5.920	ng	100
51) 2,6-Dinitrotoluene	9.73	165	31693	7.491	ng	# 26
57) 2,4-Dinitrotoluene	9.73	165	31693	5.890	ng	# 23
67) 4-Bromophenyl-phenylether	10.52	248	19671	3.398	ng	# 1

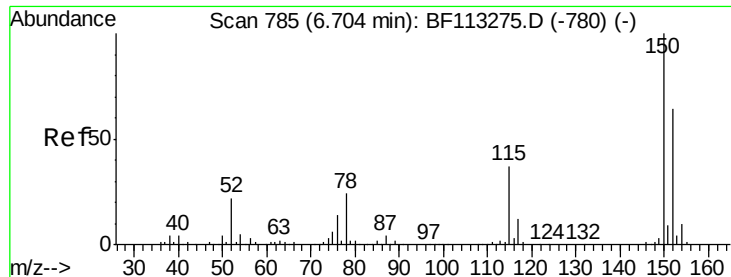
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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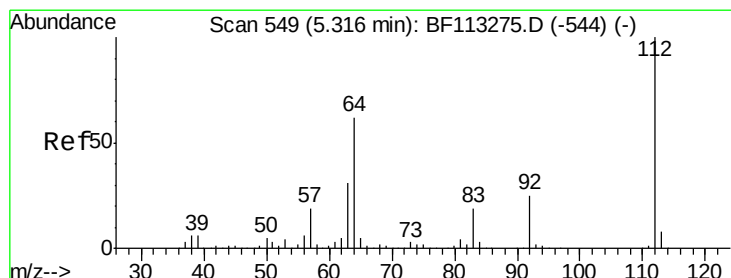
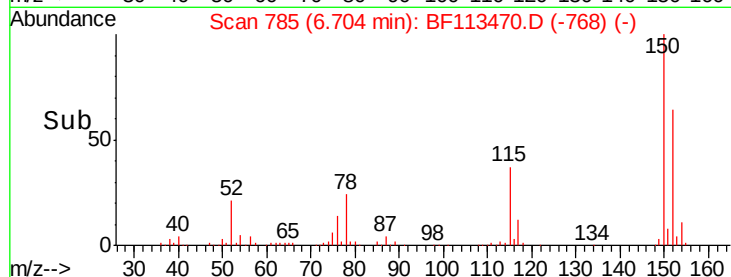
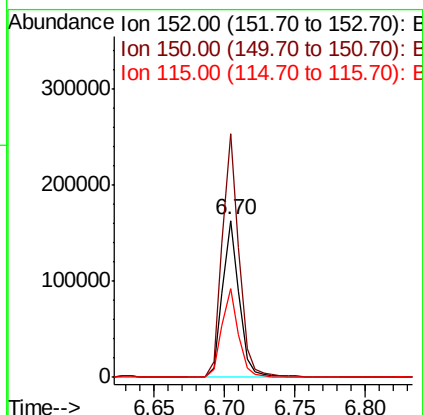
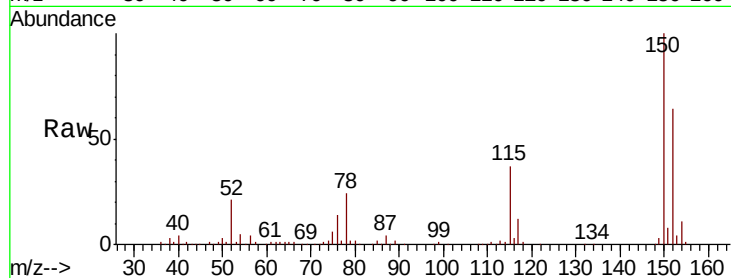


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.00 min
Lab File: BF113470.D
Acq: 1 Apr 2019 16:57

Instrument :
BNA_F
ClientSampleId :
TP-TRACK-78-79

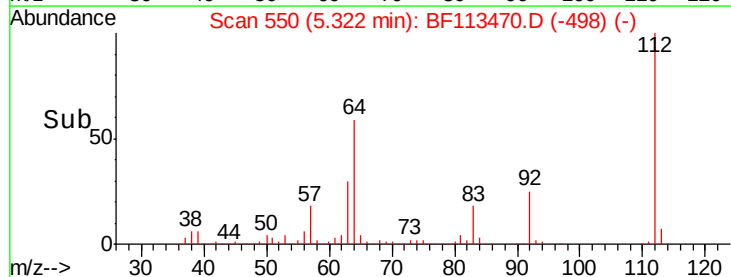
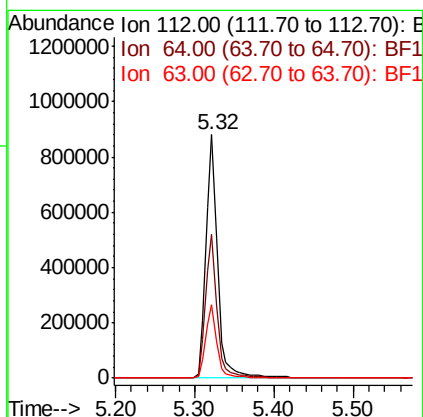
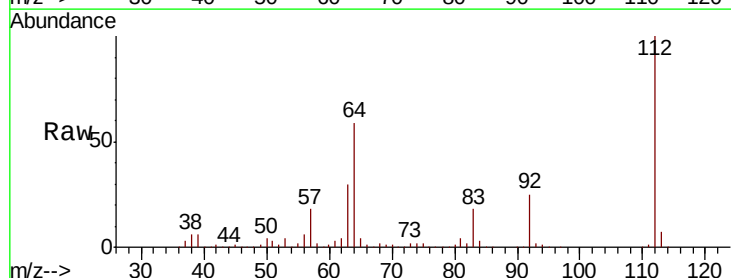
Tgt Ion:152 Resp: 135687
Ion Ratio Lower Upper
152 100
150 155.1 124.7 187.1
115 56.9 46.0 69.0

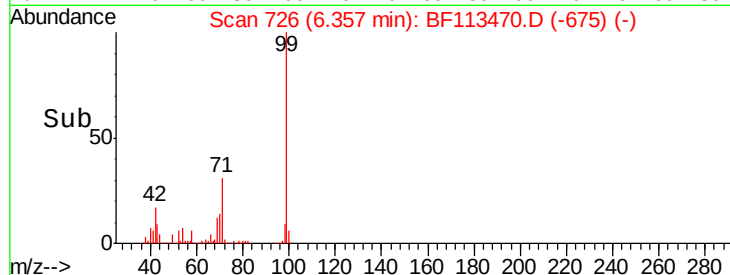
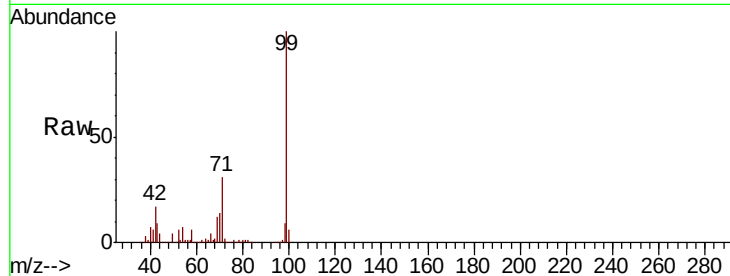
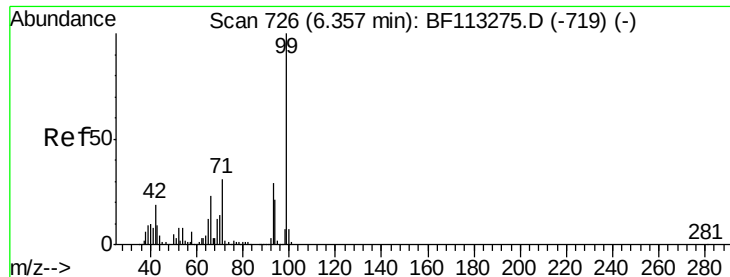


#5

2-Fluorophenol
Concen: 110.849 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF113470.D
Acq: 1 Apr 2019 16:57

Tgt Ion:112 Resp: 919856
Ion Ratio Lower Upper
112 100
64 59.0 49.2 73.8
63 30.1 24.9 37.3





#7

Phenol-d6

Concen: 113.725 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF113470.D

Acq: 1 Apr 2019 16:57

Instrument :

BNA_F

ClientSampleId :

TP-TRACK-78-79

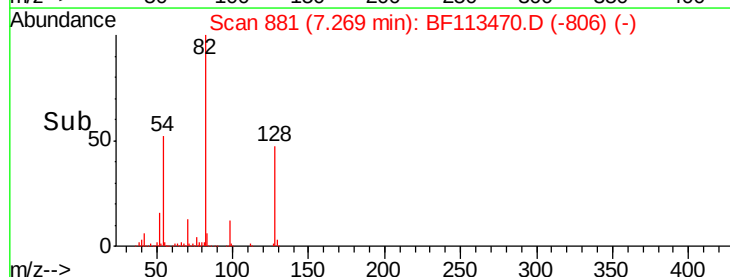
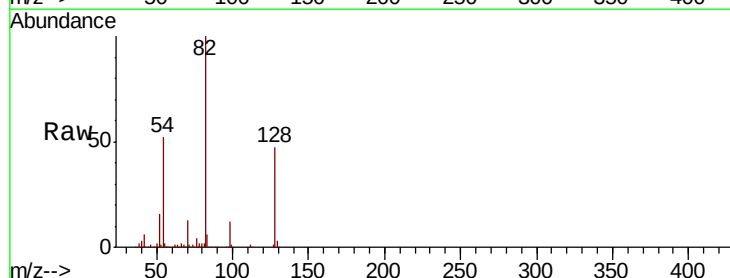
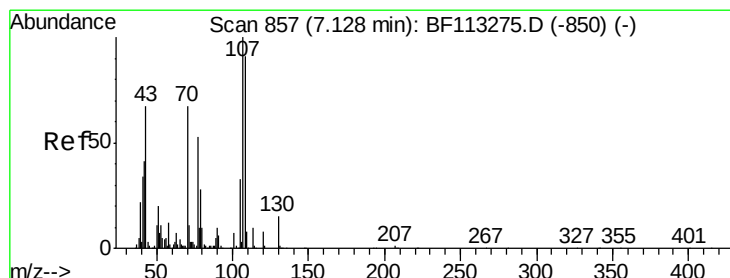
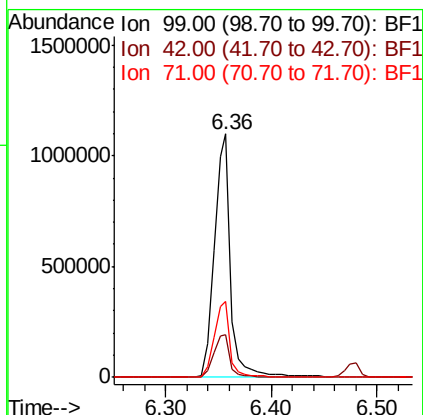
Tgt Ion: 99 Resp: 1193865

Ion Ratio Lower Upper

99 100

42 17.3 14.8 22.2

71 31.0 24.9 37.3



#19

n-Nitroso-di-n-propylamine

Concen: 13.314 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.14 min

Lab File: BF113470.D

Acq: 1 Apr 2019 16:57

Tgt Ion: 70 Resp: 87795

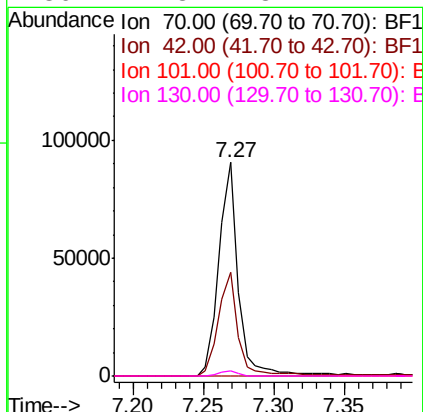
Ion Ratio Lower Upper

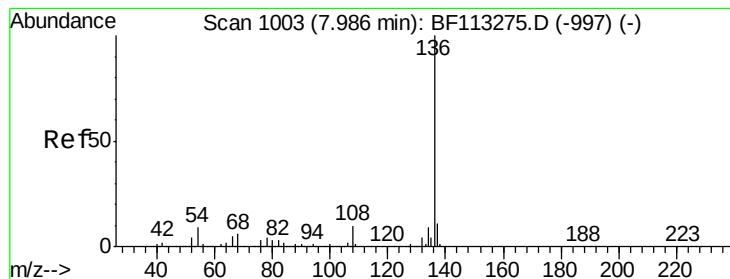
70 100

42 48.8 48.4 72.6

101 0.0 7.8 11.8#

130 2.3 18.2 27.4#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1003

Delta R.T. -0.00 min

Lab File: BF113470.D

Acq: 1 Apr 2019 16:57

Instrument :

BNA_F

ClientSampleId :

TP-TRACK-78-79

Tgt Ion: 136 Resp: 516085

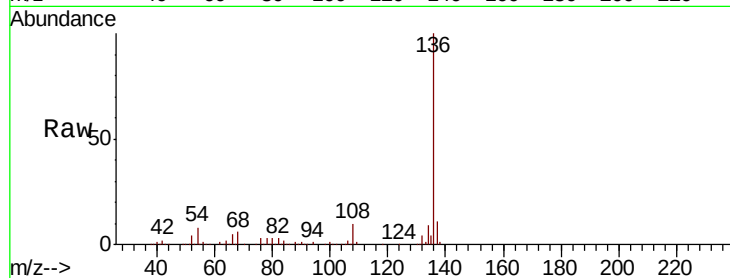
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.9 7.0 10.6

68 6.0 4.8 7.2

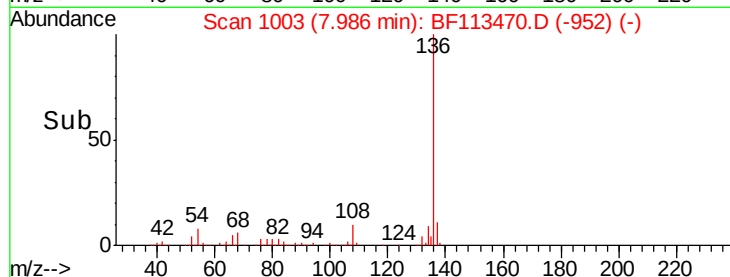


Abundance Ion 136.00 (135.70 to 136.70): E

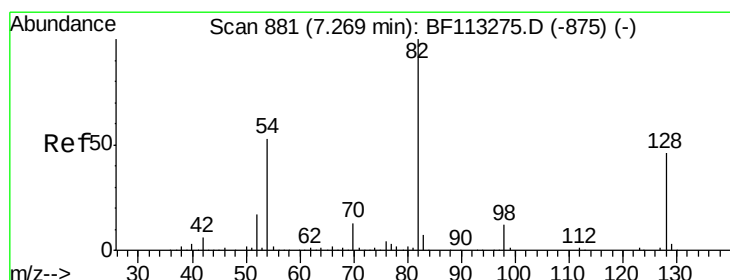
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#23

Nitrobenzene-d5

Concen: 79.733 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.00 min

Lab File: BF113470.D

Acq: 1 Apr 2019 16:57

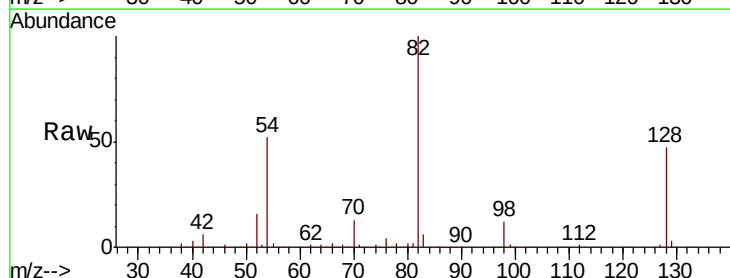
Tgt Ion: 82 Resp: 693279

Ion Ratio Lower Upper

82 100

128 47.3 36.5 54.7

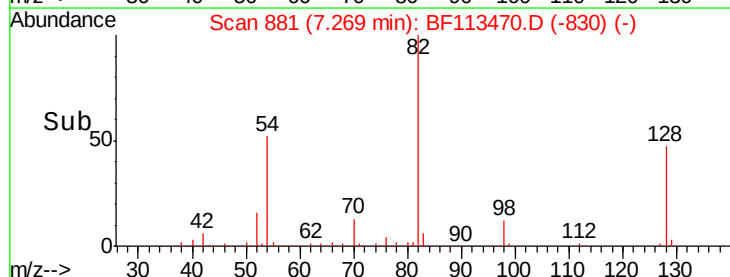
54 51.9 42.2 63.2



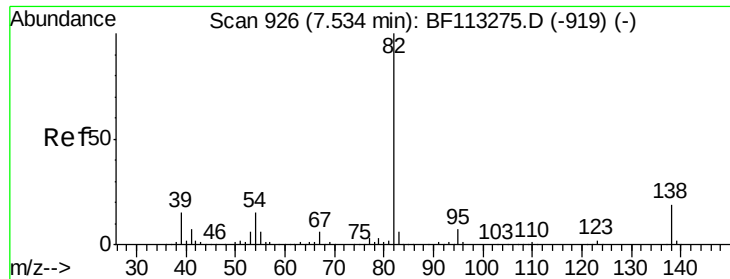
Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1



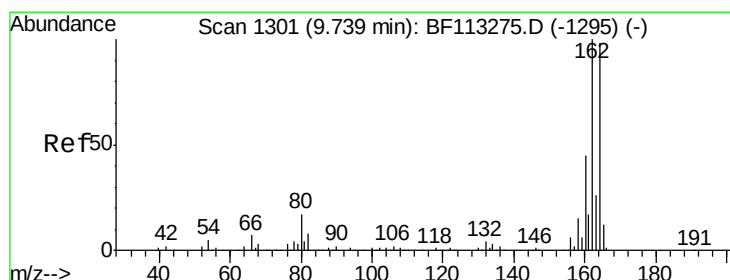
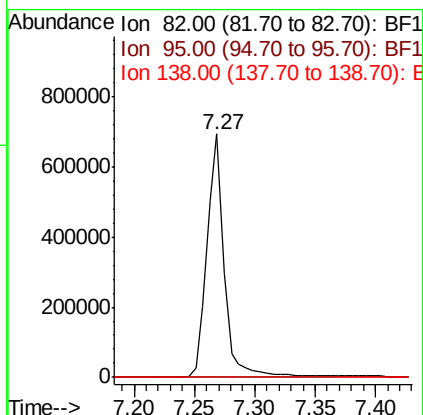
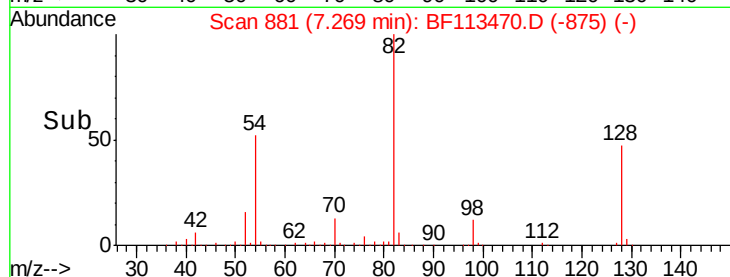
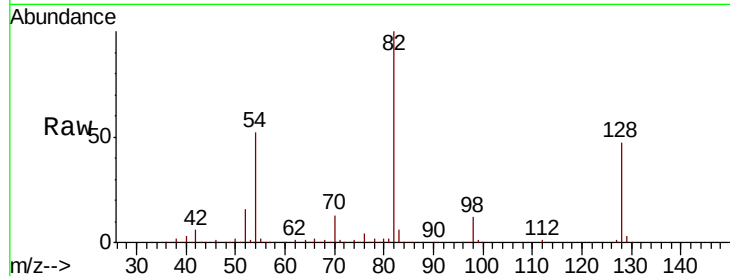
Time-->



#25
Isophorone
Concen: 40.839 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.26 min
Lab File: BF113470.D
Acq: 1 Apr 2019 16:57

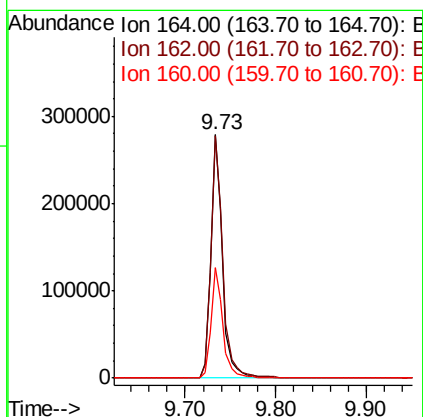
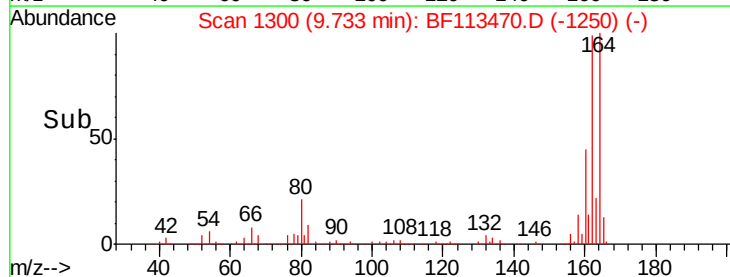
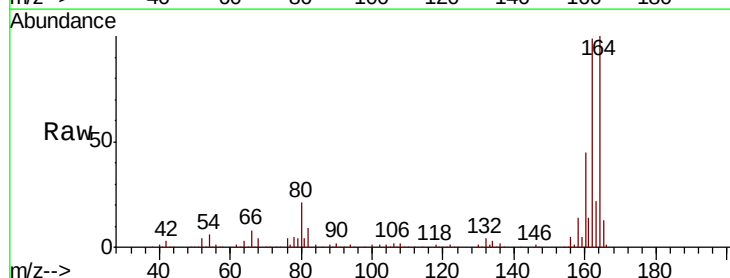
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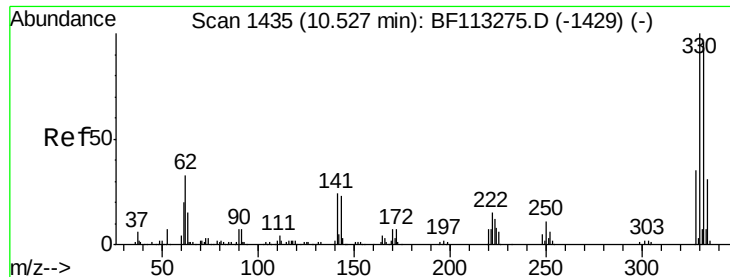
Tgt Ion: 82 Resp: 688161
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF113470.D
Acq: 1 Apr 2019 16:57

Tgt Ion: 164 Resp: 253073
Ion Ratio Lower Upper
164 100
162 99.5 81.8 122.6
160 45.4 36.4 54.6

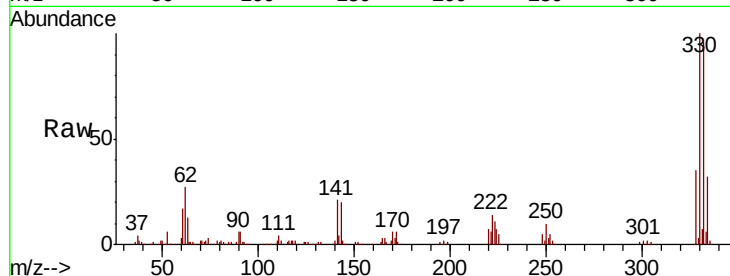




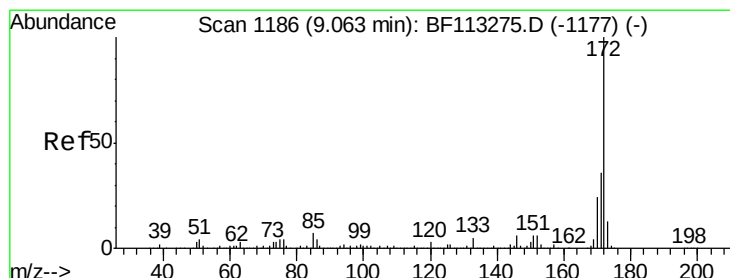
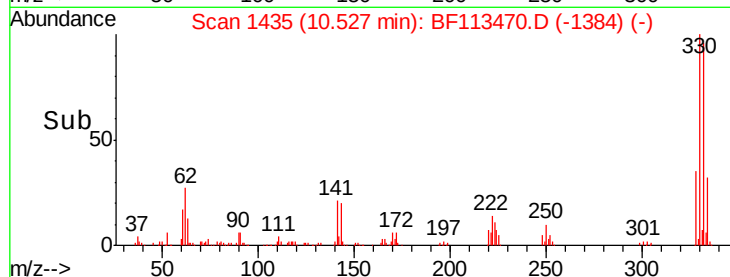
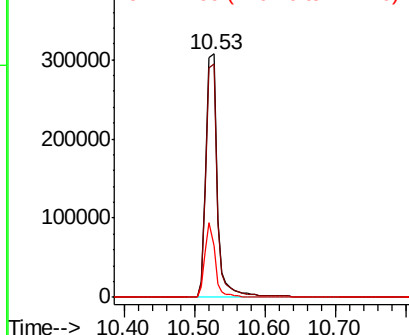
#42
 2,4,6-Tribromophenol
 Concen: 111.573 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: BF113470.D
 Acq: 1 Apr 2019 16:57

Instrument :
 BNA_F
 ClientSampleId :
 TP-TRACK-78-79

Tgt Ion:330 Resp: 348779
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.8 116.6
 141 27.4 22.7 34.1

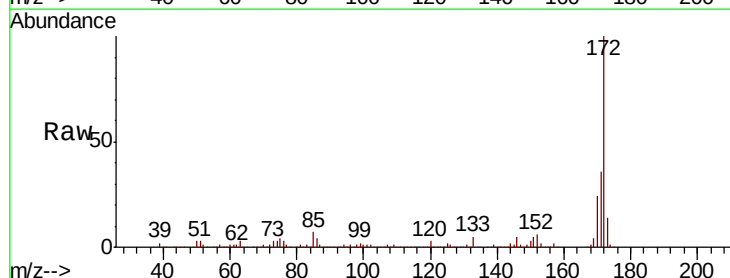


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

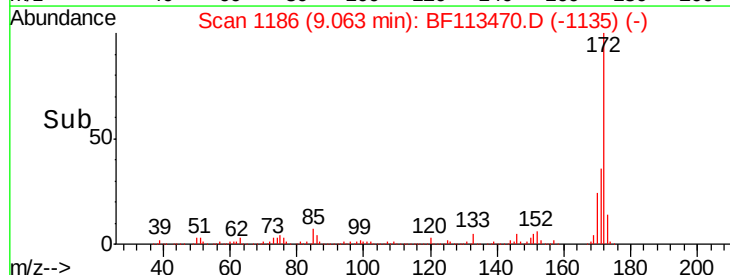
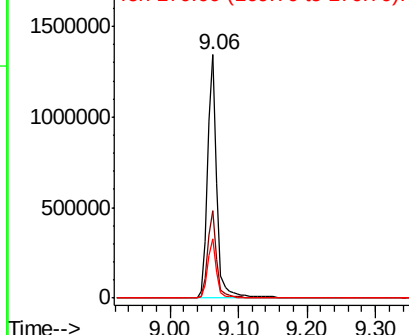


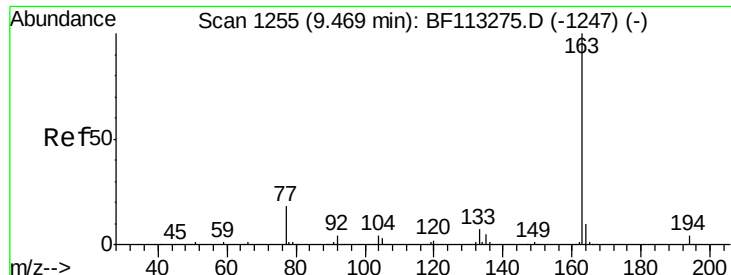
#45
 2-Fluorobiphenyl
 Concen: 80.785 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF113470.D
 Acq: 1 Apr 2019 16:57

Tgt Ion:172 Resp: 1318517
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.0 43.6
 170 24.2 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

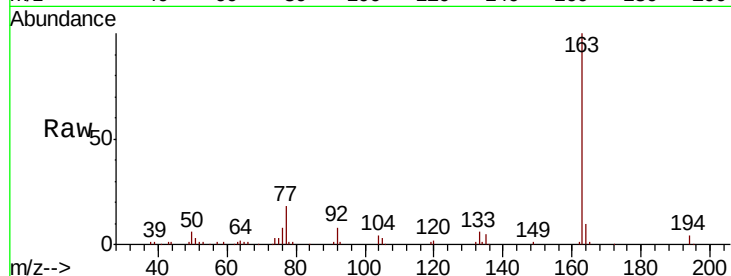




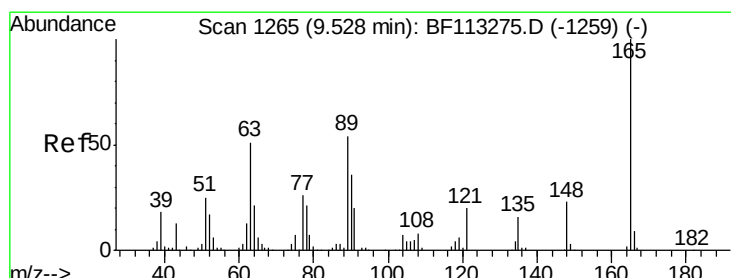
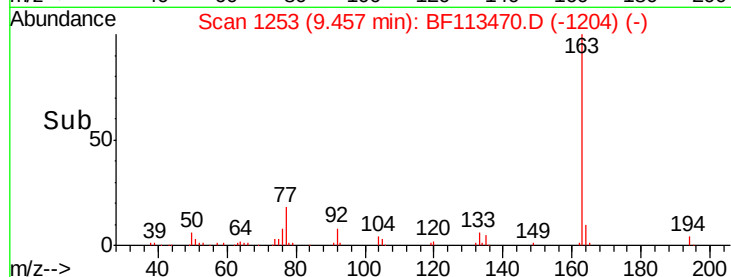
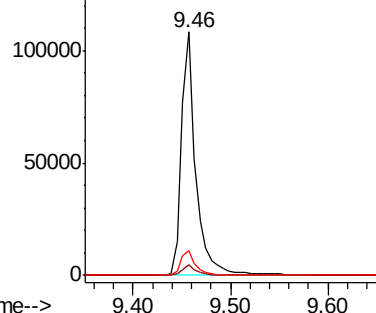
#50
Dimethylphthalate
Concen: 5.920 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF113470.D
Acq: 1 Apr 2019 16:57

Instrument :
BNA_F
ClientSampleId :
TP-TRACK-78-79

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.0	4.6
164	10.2	8.1	12.1

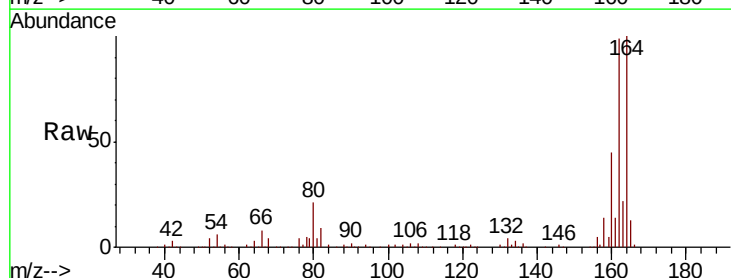


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

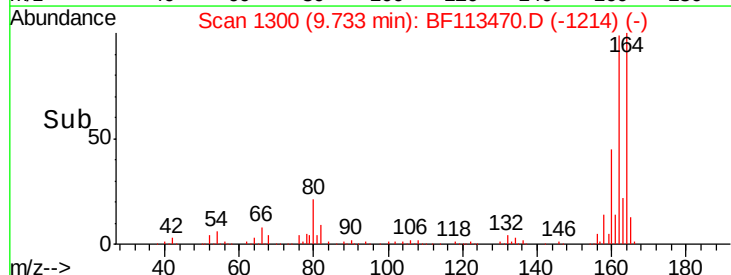
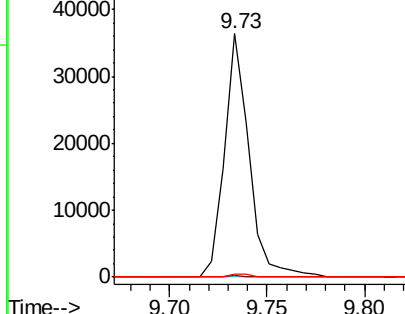


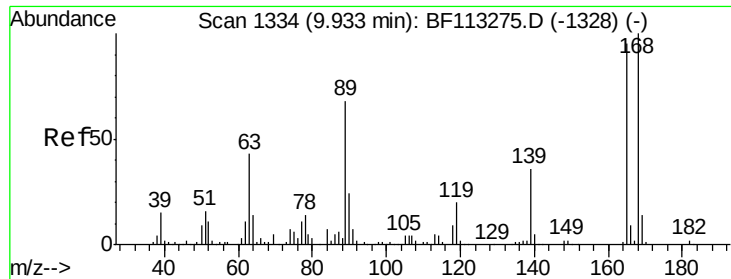
#51
2,6-Dinitrotoluene
Concen: 7.491 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.21 min
Lab File: BF113470.D
Acq: 1 Apr 2019 16:57

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	43.4	65.0#
89	1.3	43.1	64.7#



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

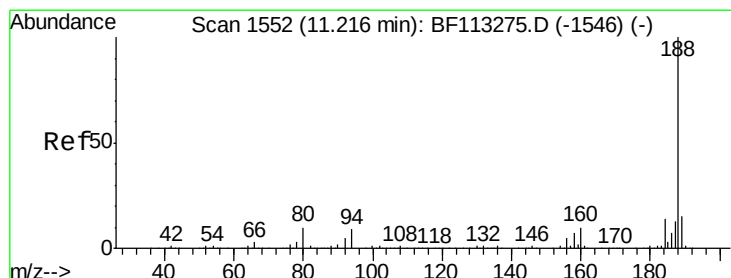
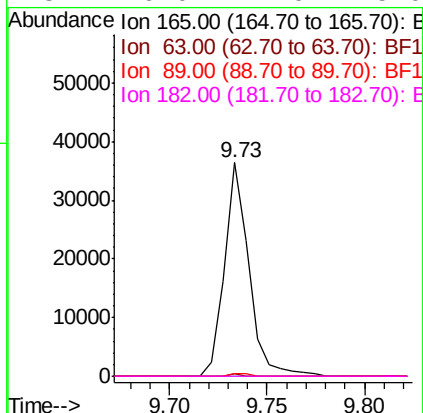
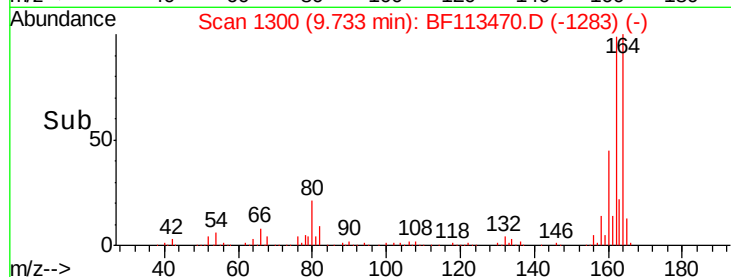
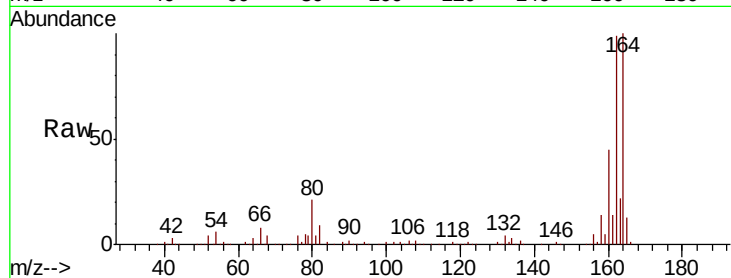




#57
 2,4-Dinitrotoluene
 Concen: 5.890 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.20 min
 Lab File: BF113470.D
 Acq: 1 Apr 2019 16:57

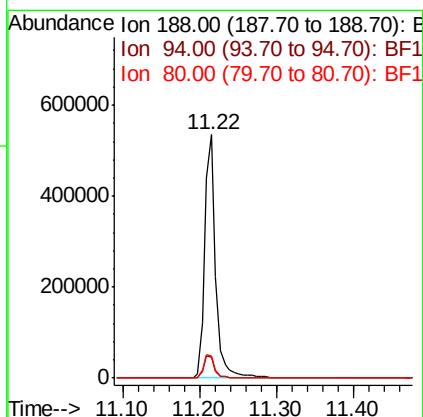
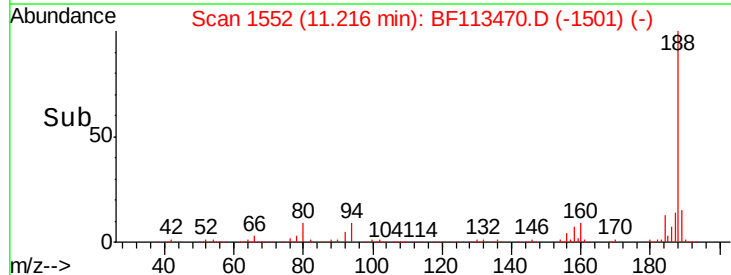
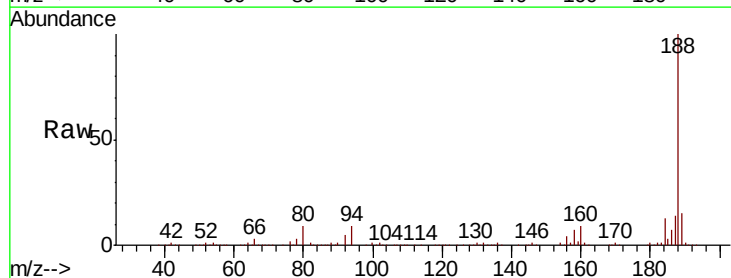
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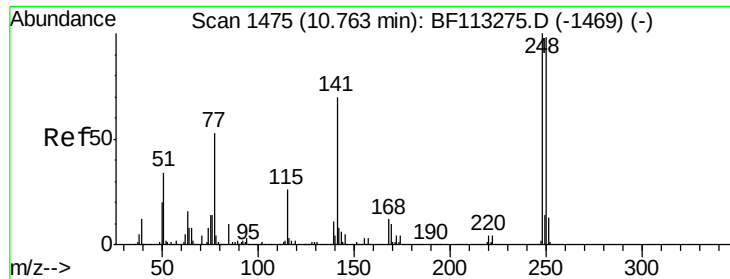
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	37.5	56.3#
89	1.3	57.4	86.2#
182	0.0	2.0	3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. -0.00 min
 Lab File: BF113470.D
 Acq: 1 Apr 2019 16:57

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.0	10.6
80	9.2	7.7	11.5

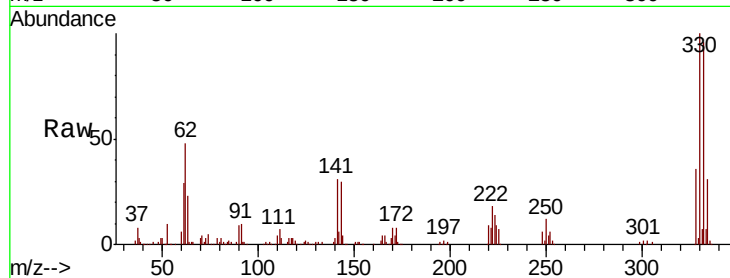




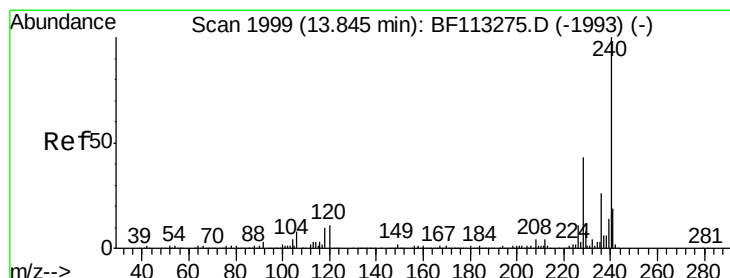
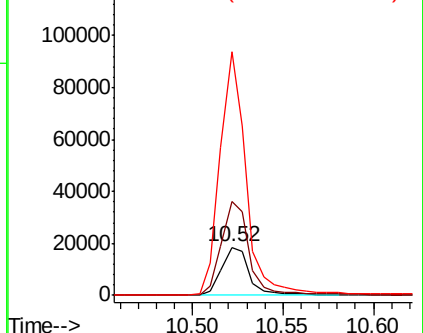
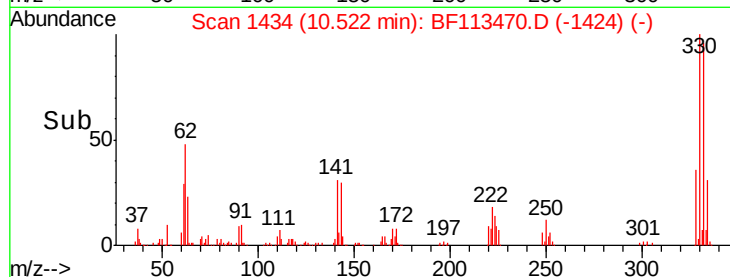
#67
 4-Bromophenyl-phenylether
 Concen: 3.398 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.24 min
 Lab File: BF113470.D
 Acq: 1 Apr 2019 16:57

Instrument :
 BNA_F
 ClientSampleId :
 TP-TRACK-78-79

Tgt Ion:248 Resp: 19671
 Ion Ratio Lower Upper
 248 100
 250 195.3 78.3 117.5#
 141 504.7 56.2 84.4#

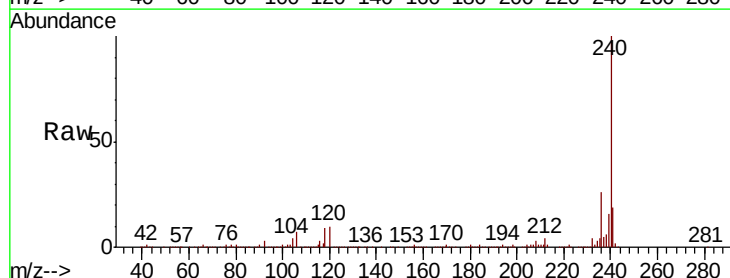


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

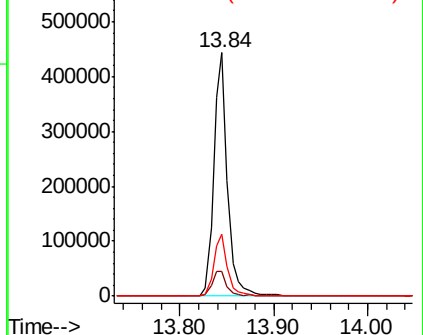
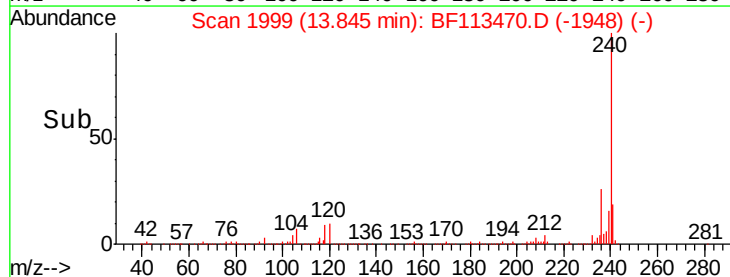


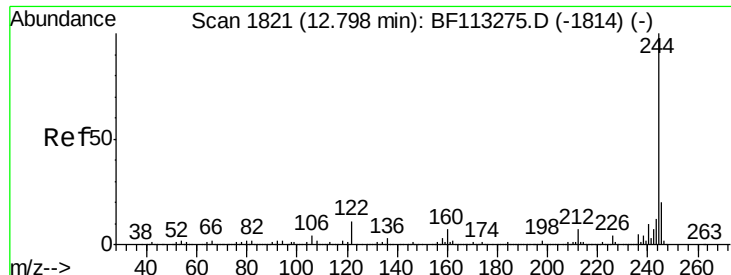
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.84 min Scan# 1999
 Delta R.T. -0.00 min
 Lab File: BF113470.D
 Acq: 1 Apr 2019 16:57

Tgt Ion:240 Resp: 457663
 Ion Ratio Lower Upper
 240 100
 120 10.4 8.8 13.2
 236 25.7 20.9 31.3



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



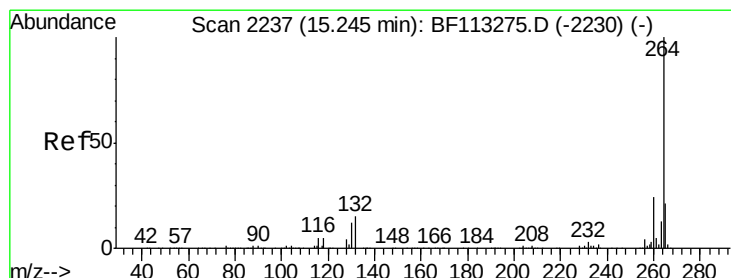
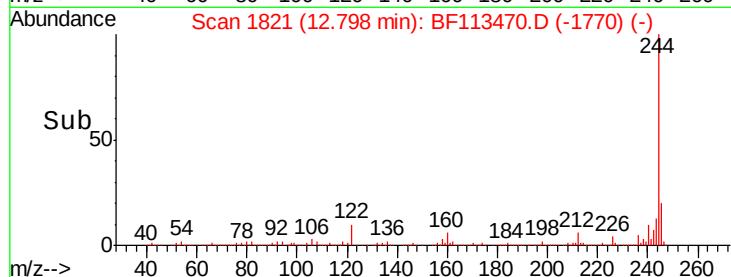
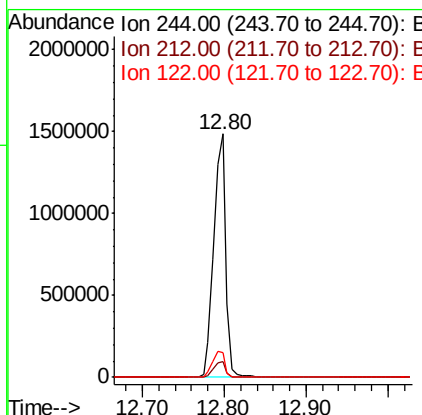
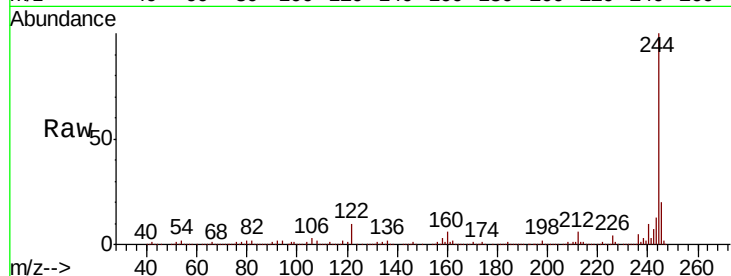


#79
 Terphenyl-d14
 Concen: 73.826 ng
 RT: 12.80 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: BF113470.D
 Acq: 1 Apr 2019 16:57

Instrument :
 BNA_F
 ClientSampleId :
 TP-TRACK-78-79

Tgt Ion: 244 Resp: 1532891

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.5	8.3
122	10.1	8.6	13.0



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.25 min Scan# 2238
 Delta R.T. 0.01 min
 Lab File: BF113470.D
 Acq: 1 Apr 2019 16:57

Tgt Ion: 264 Resp: 462148

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.1	28.7
265	21.2	17.1	25.7

