

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042220\
 Data File : BF120141.D
 Acq On : 22 Apr 2020 19:48
 Operator : MA/SJ
 Sample : L2342-13
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-17-16-COMP

Quant Time: Apr 23 02:43:42 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 22 11:49:00 2020
 Response via : Initial Calibration

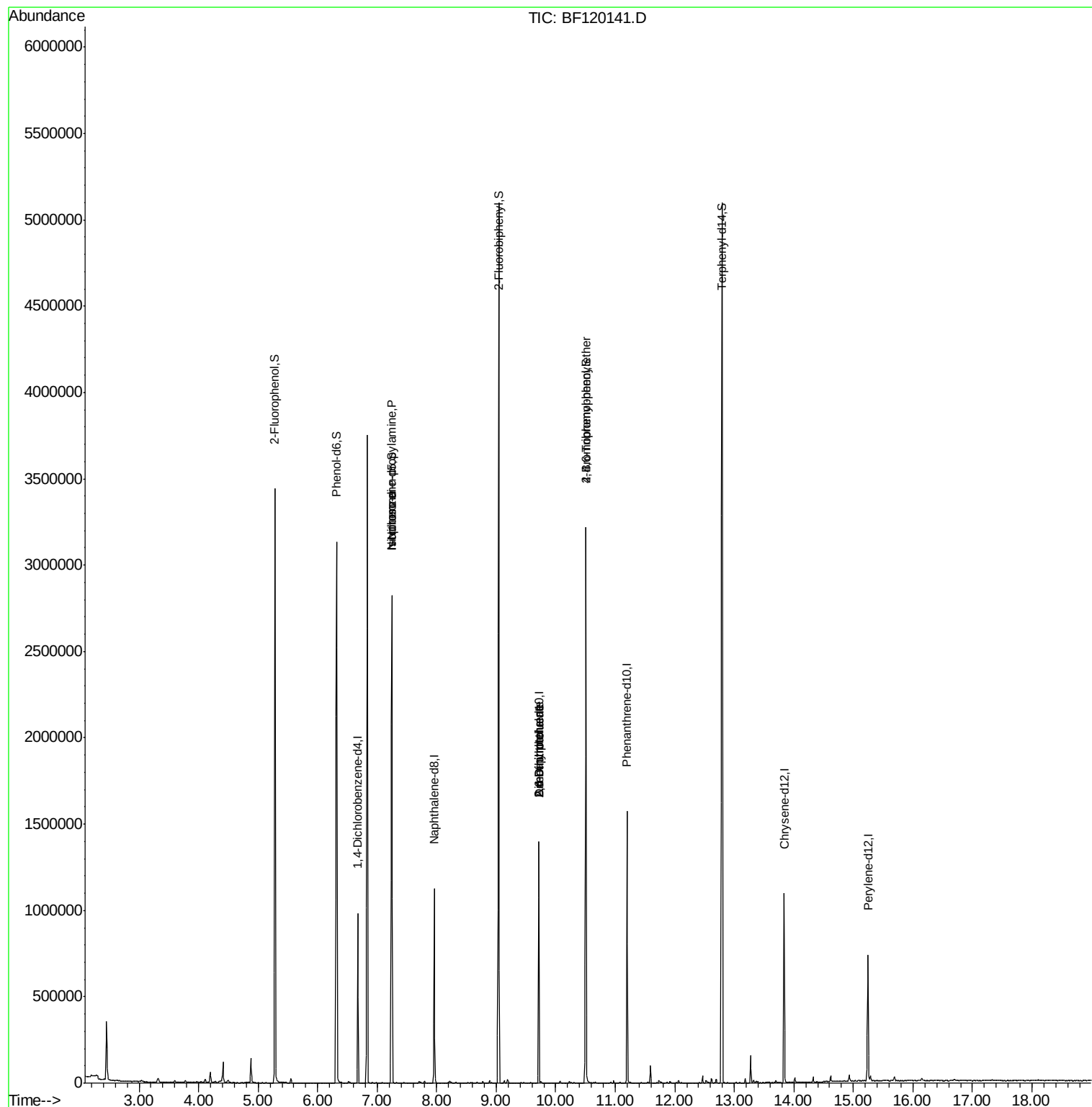
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	130858	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	513754	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	265675	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	518169	20.00	ng	0.00
76) Chrysene-d12	13.84	240	396003	20.00	ng	-0.01
87) Perylene-d12	15.24	264	312937	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	991103	130.89	ng	0.00
7) Phenol-d6	6.32	99	1149410	117.80	ng	-0.01
23) Nitrobenzene-d5	7.25	82	901670	90.80	ng	0.00
42) 2,4,6-Tribromophenol	10.51	330	405535	124.67	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	1755530	93.82	ng	0.00
79) Terphenyl-d14	12.80	244	2102636	89.34	ng	0.00
Target Compounds						
9) Benzaldehyde	6.24	77	117	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propylamine	7.25	70	118612	18.905 ng	#	75
25) Isophorone	7.25	82	899494	46.987 ng	#	65
50) Dimethylphthalate	9.72	163	59438	2.892 ng	#	1
51) 2,6-Dinitrotoluene	9.72	165	33995	7.554 ng	#	26
57) 2,4-Dinitrotoluene	9.72	165	33995	5.734 ng	#	20
67) 4-Bromophenyl-phenylether	10.50	248	24942	3.871 ng	#	1

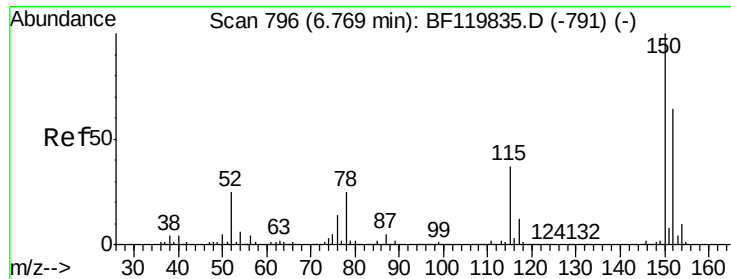
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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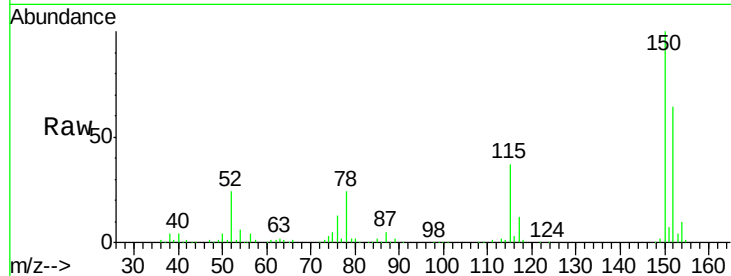


#1

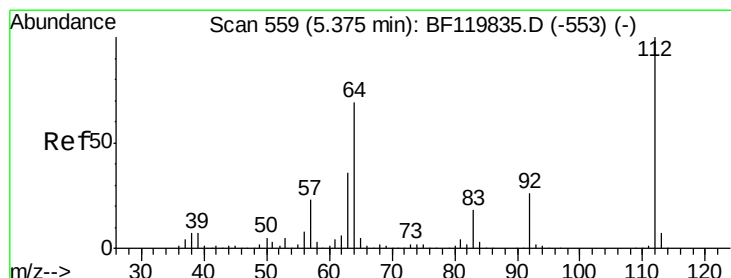
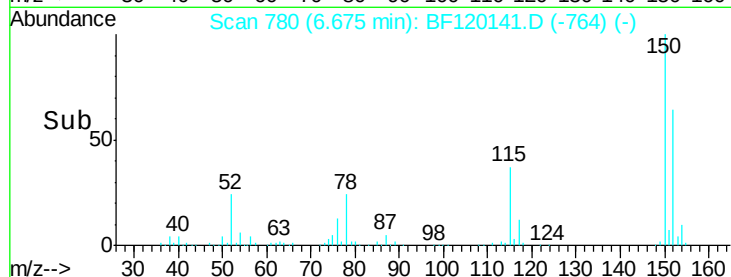
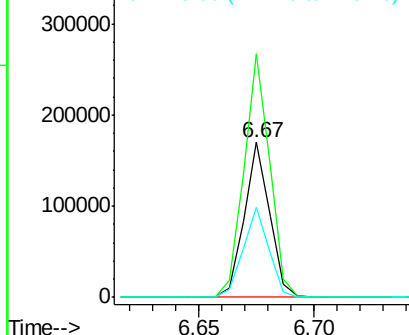
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF120141.D
Acq: 22 Apr 2020 19:48

Instrument :
BNA_F
ClientSampleId :
TP-17-16-COMP

Tot Ion:152 Resp: 130858
Ion Ratio Lower Upper
152 100
150 156.9 124.5 186.7
115 58.2 49.6 74.4



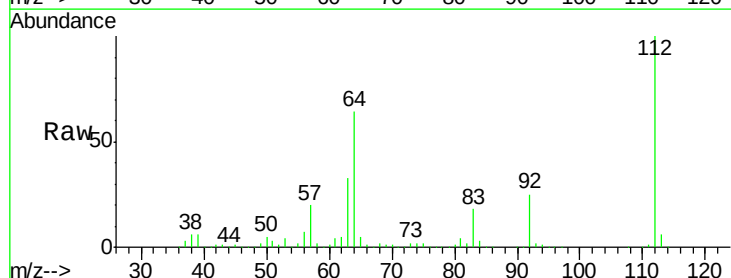
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



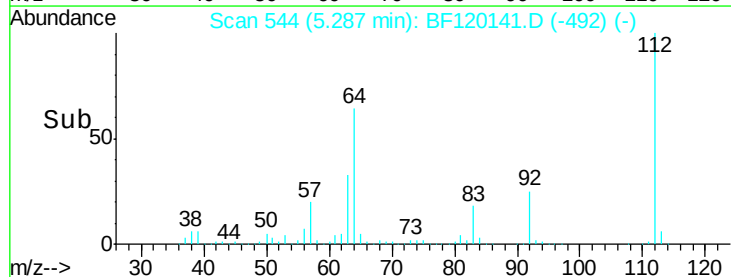
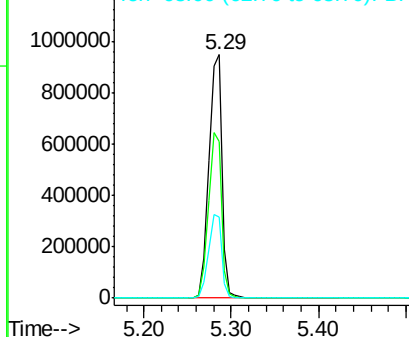
#5

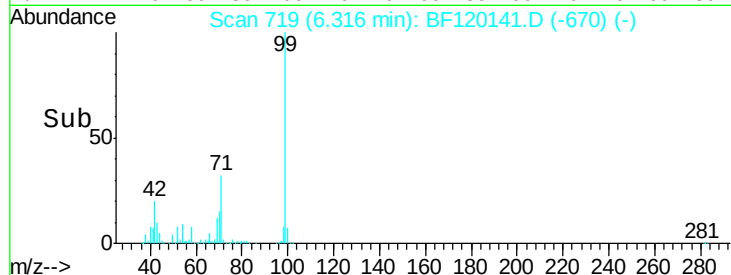
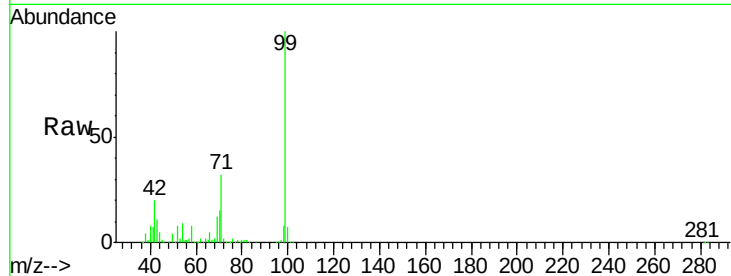
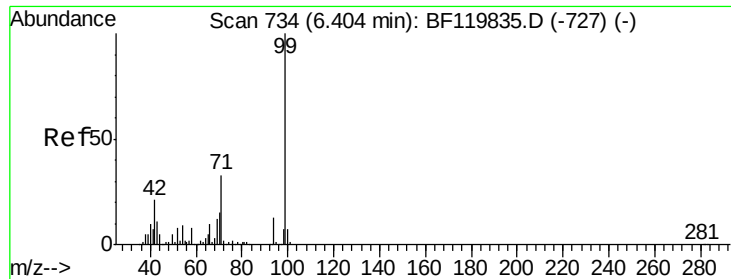
2-Fluorophenol
Concen: 130.891 ng
RT: 5.29 min Scan# 544
Delta R.T. 0.01 min
Lab File: BF120141.D
Acq: 22 Apr 2020 19:48

Tgt Ion:112 Resp: 991103
Ion Ratio Lower Upper
112 100
64 64.3 56.7 85.1
63 33.4 29.5 44.3



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: 117.805 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF120141.D

Acq: 22 Apr 2020 19:48

Instrument :

BNA_F

ClientSampleId :

TP-17-16-COMP

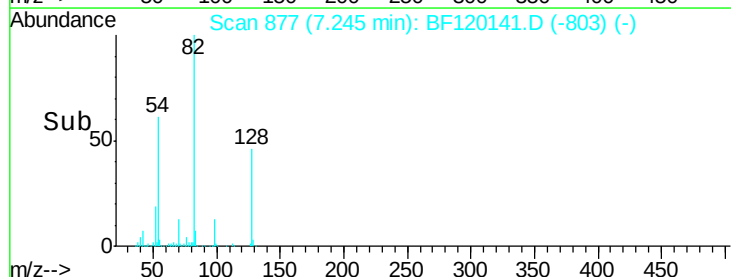
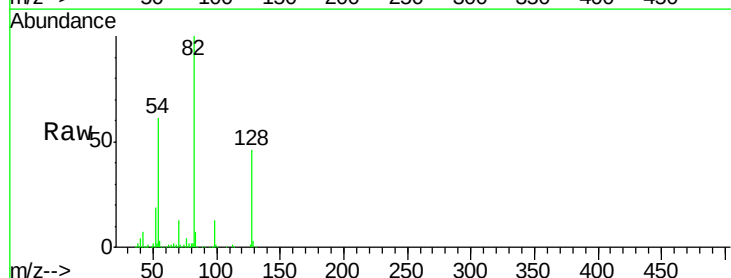
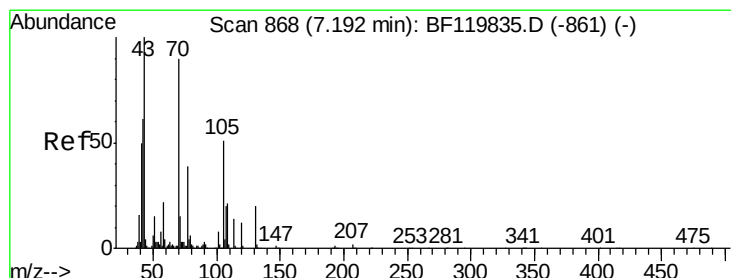
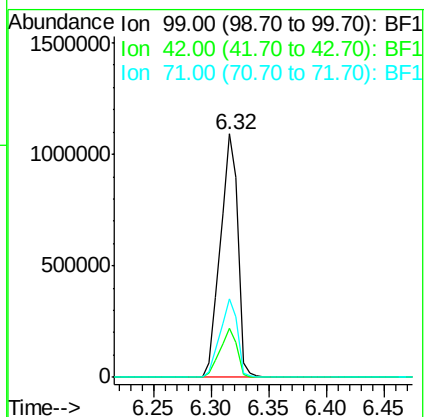
Tot Ion: 99 Resp: 1149410

Ion Ratio Lower Upper

99 100

42 20.1 16.6 24.8

71 32.4 26.4 39.6



#19

n-Nitroso-di-n-propylamine

Concen: 18.905 ng

RT: 7.25 min Scan# 877

Delta R.T. 0.14 min

Lab File: BF120141.D

Acq: 22 Apr 2020 19:48

Tgt Ion: 70 Resp: 118612

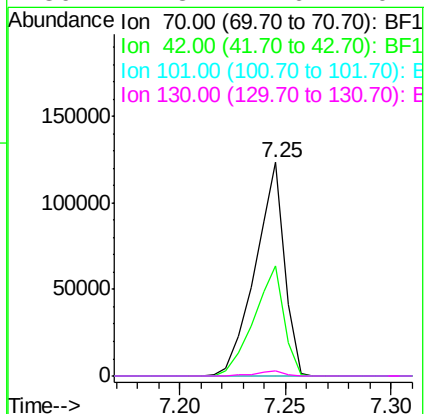
Ion Ratio Lower Upper

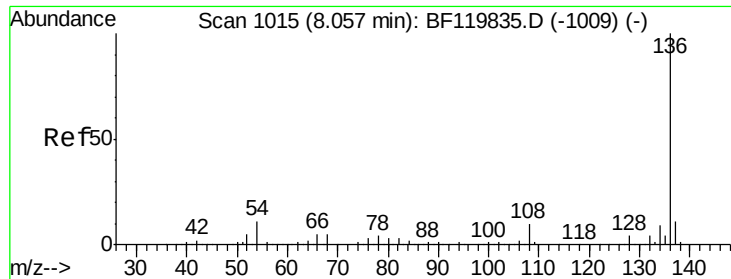
70 100

42 51.7 54.5 81.7#

101 0.0 7.6 11.4#

130 2.3 17.6 26.4#

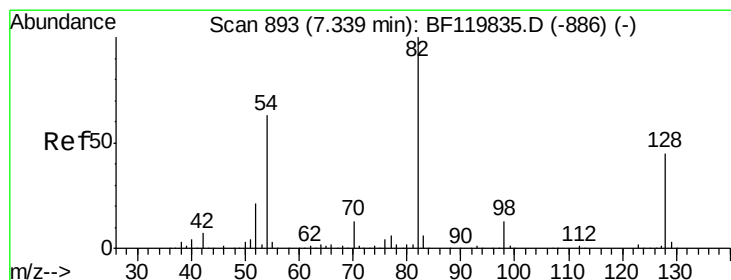
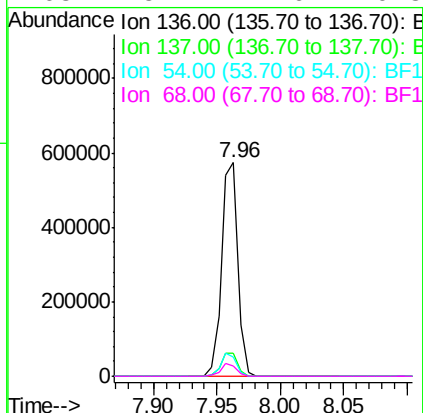
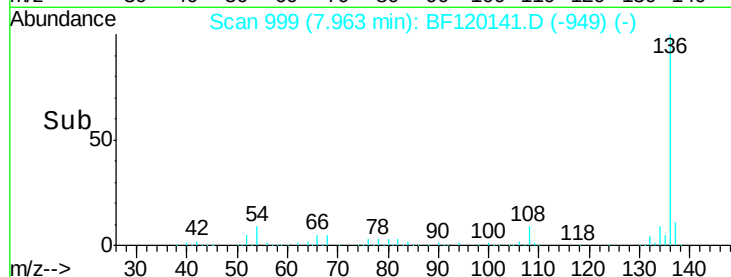
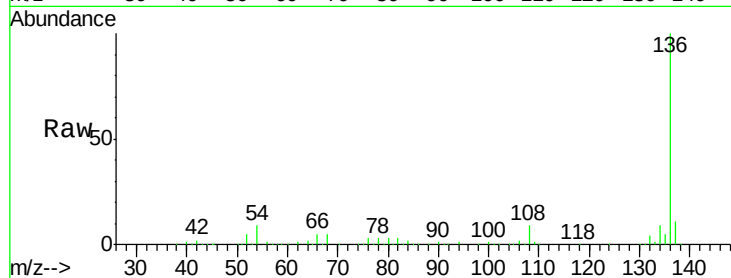




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF120141.D
Acq: 22 Apr 2020 19:48

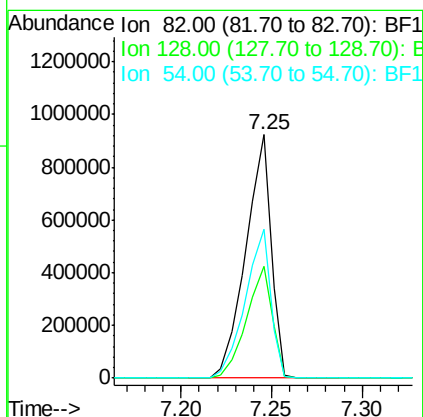
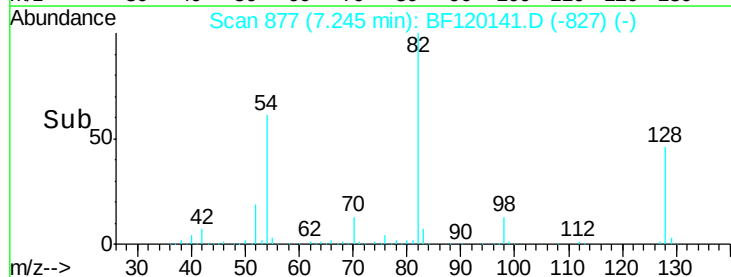
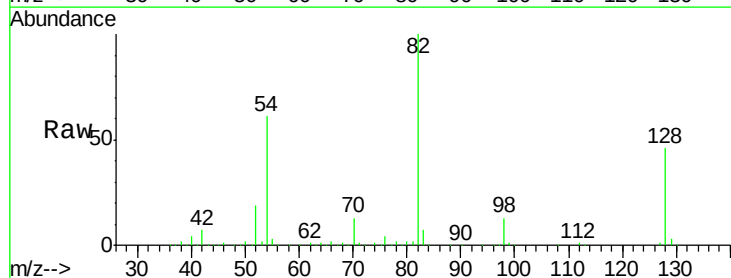
Instrument :
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ClientSampleId :
TP-17-16-COMP

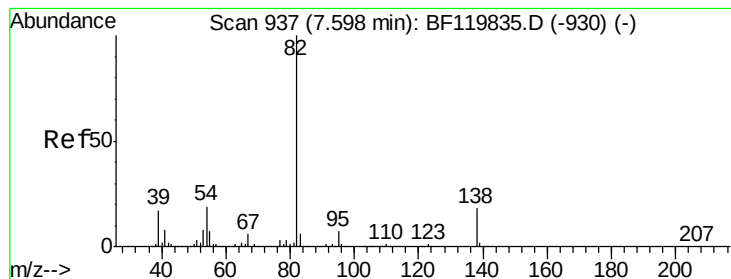
Tot Ion:136	Resp:	513754
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.7 13.1
54	9.0	9.1 13.7#
68	5.1	4.6 6.8



#23
Nitrobenzene-d5
Concen: 90.796 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF120141.D
Acq: 22 Apr 2020 19:48

Tgt Ion: 82	Resp:	901670
Ion Ratio	Lower	Upper
82	100	
128	46.0	36.3 54.5
54	61.0	50.6 75.8





#25

Isophorone

Concen: 46.987 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.26 min

Lab File: BF120141.D

Acq: 22 Apr 2020 19:48

Instrument :

BNA_F

ClientSampleId :

TP-17-16-COMP

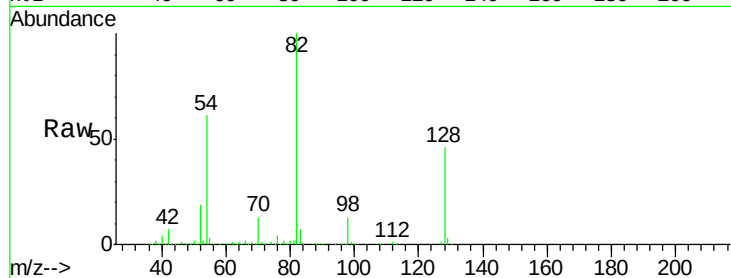
Tot Ion: 82 Resp: 899494

Ion Ratio Lower Upper

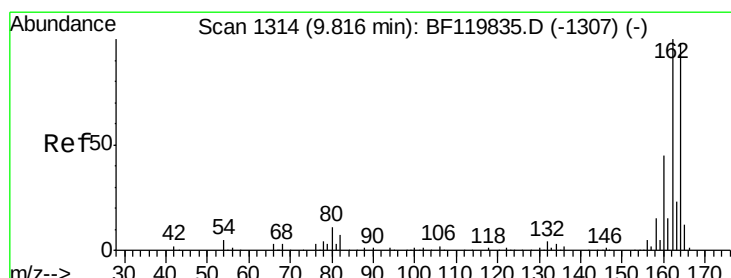
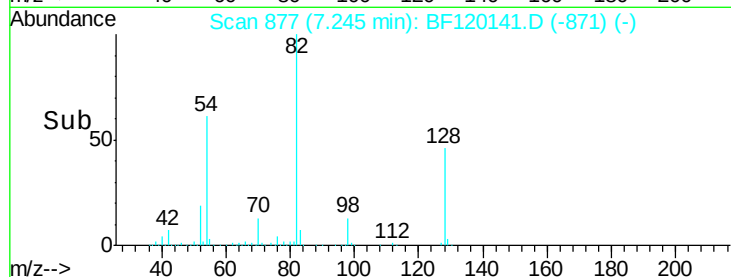
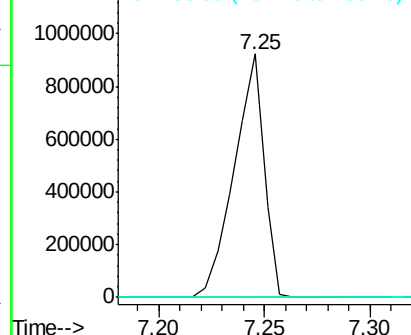
82 100

95 0.0 5.8 8.6#

138 0.0 14.6 21.8#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF120141.D

Acq: 22 Apr 2020 19:48

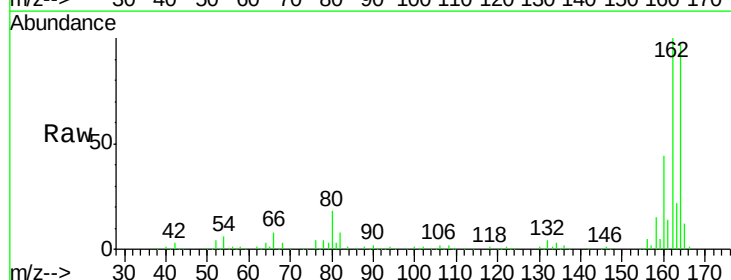
Tgt Ion:164 Resp: 265675

Ion Ratio Lower Upper

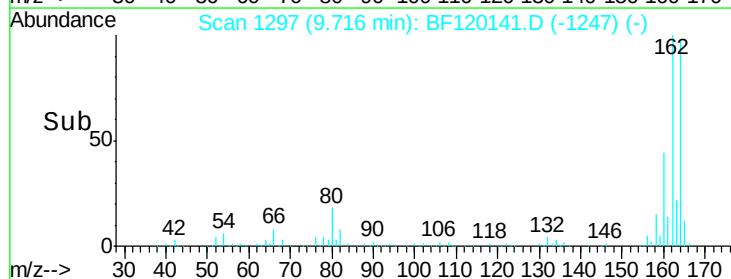
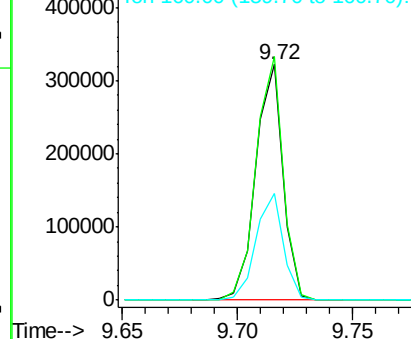
164 100

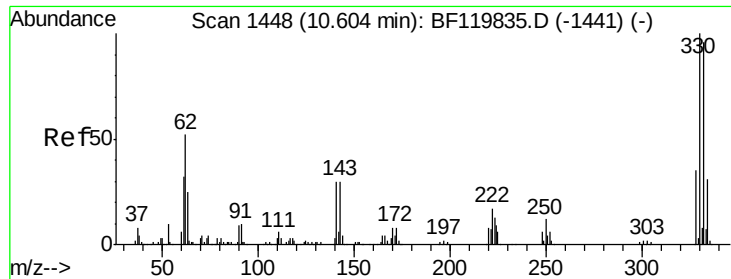
162 103.3 80.6 121.0

160 45.4 35.7 53.5



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

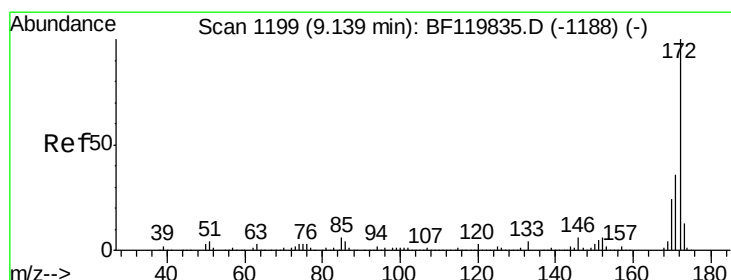
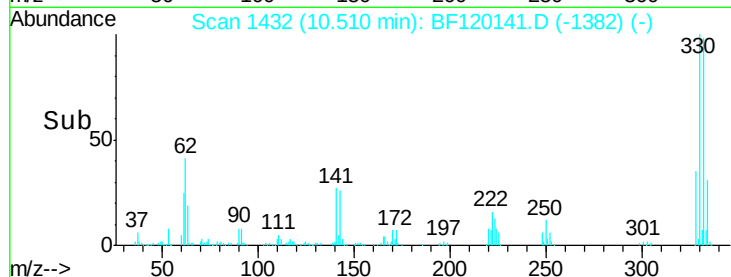
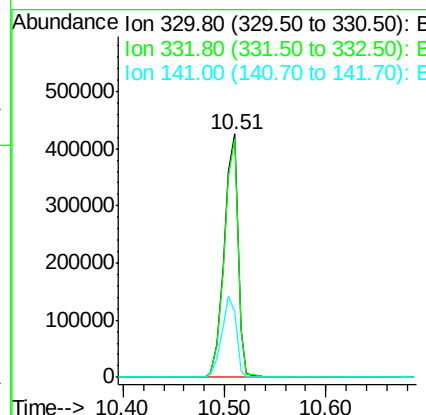
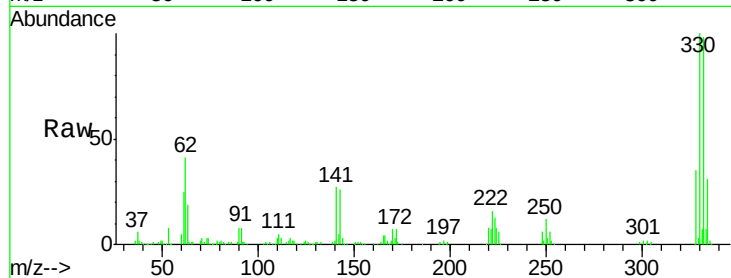




#42
 2,4,6-Tribromophenol
 Concen: 124.674 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF120141.D
 Acq: 22 Apr 2020 19:48

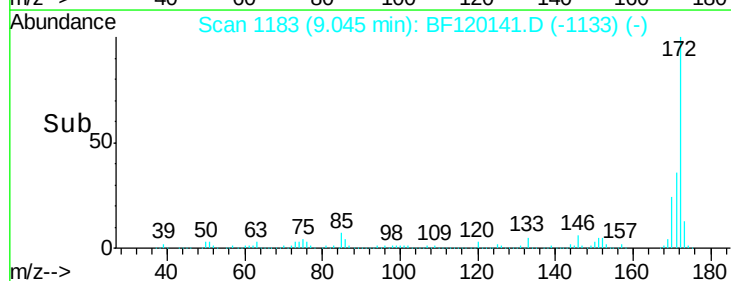
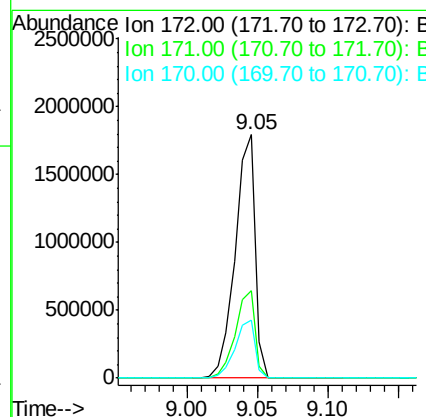
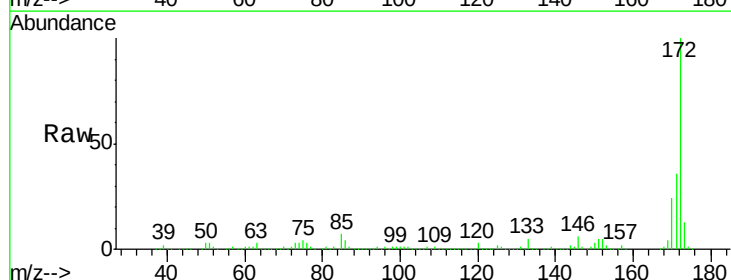
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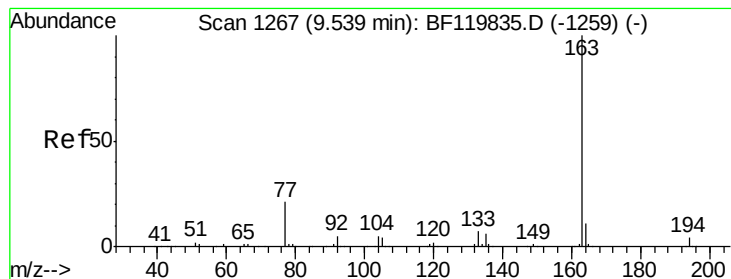
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	75.7	113.5
141	34.7	25.4	38.0



#45
 2-Fluorobiphenyl
 Concen: 93.817 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF120141.D
 Acq: 22 Apr 2020 19:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	23.9	20.2	30.2





#50

Dimethylphthalate

Concen: 2.892 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.26 min

Lab File: BF120141.D

Acq: 22 Apr 2020 19:48

Instrument :

BNA_F

ClientSampleId :

TP-17-16-COMP

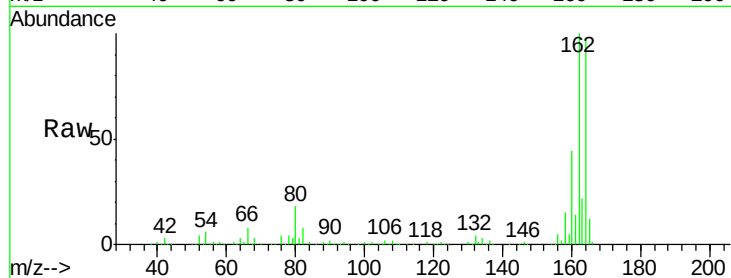
Tot Ion:163 Resp: 59438

Ion Ratio Lower Upper

163 100

194 0.0 3.1 4.7#

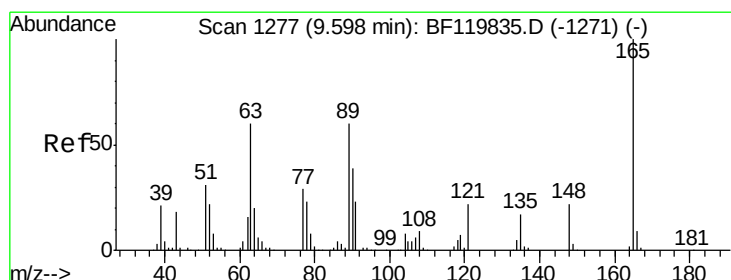
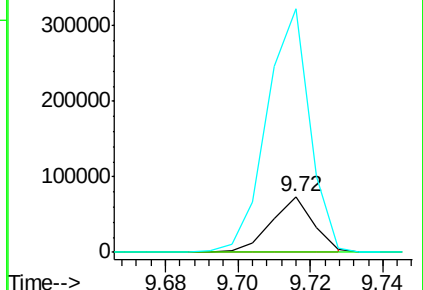
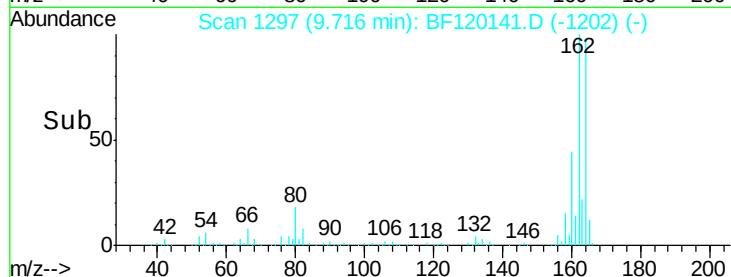
164 439.0 8.2 12.2#



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: 7.554 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.20 min

Lab File: BF120141.D

Acq: 22 Apr 2020 19:48

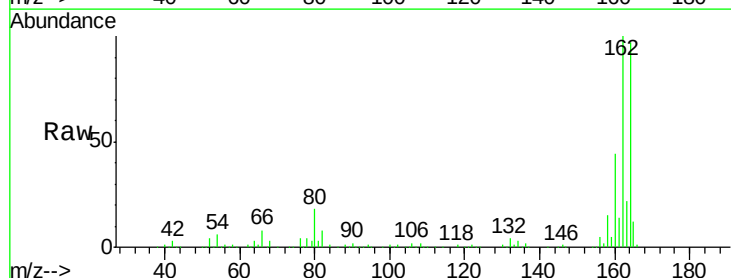
Tgt Ion:165 Resp: 33995

Ion Ratio Lower Upper

165 100

63 1.4 45.0 67.4#

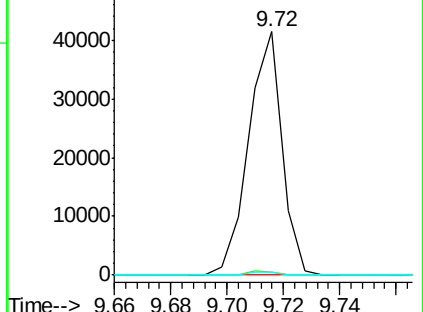
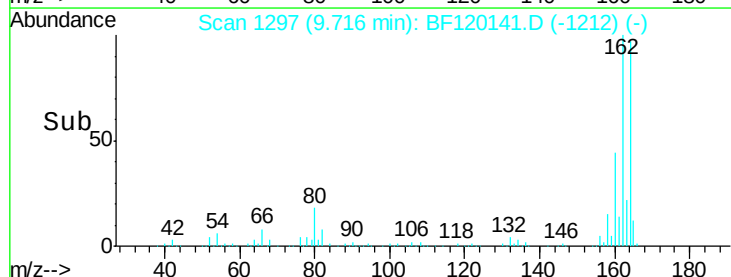
89 1.1 41.5 62.3#

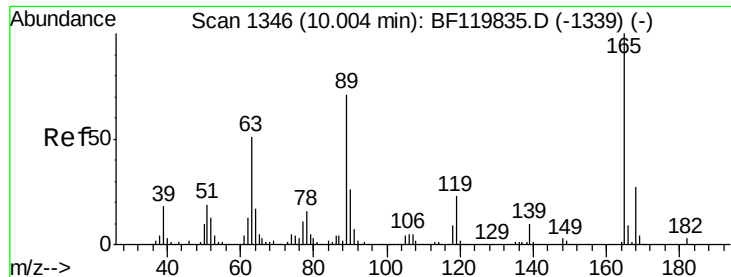


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

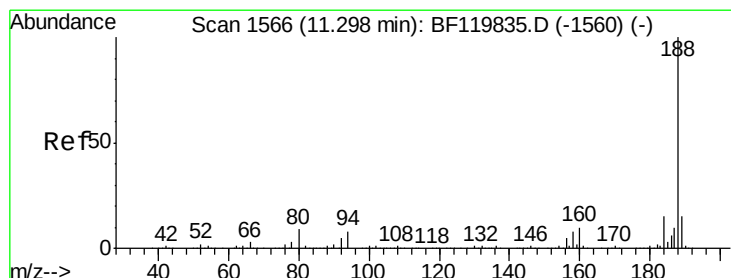
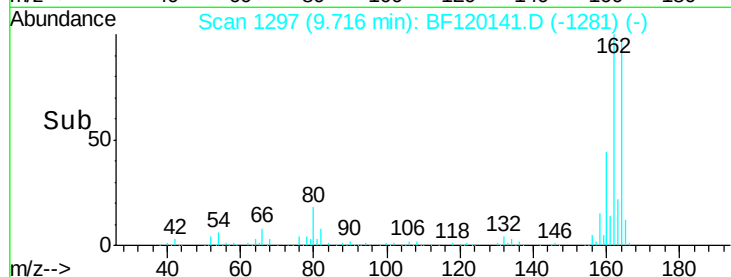
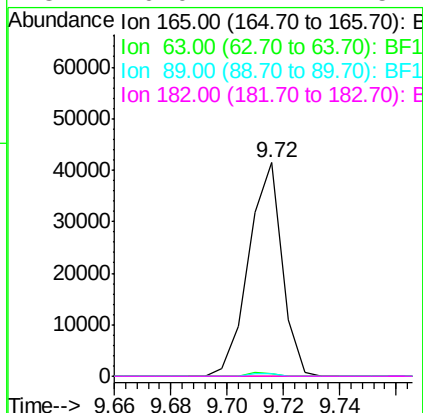
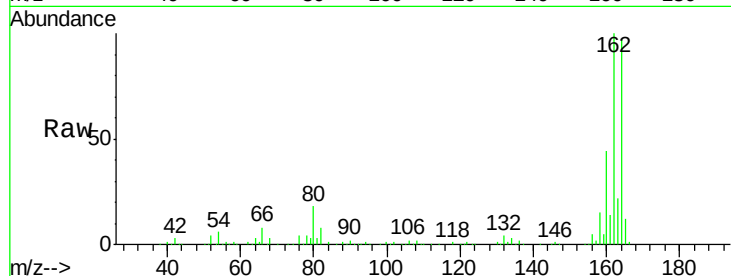




#57
 2,4-Dinitrotoluene
 Concen: 5.734 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.21 min
 Lab File: BF120141.D
 Acq: 22 Apr 2020 19:48

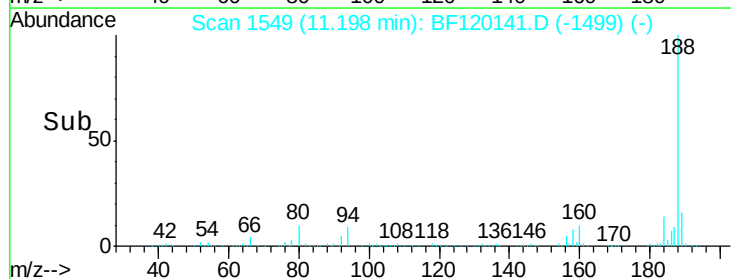
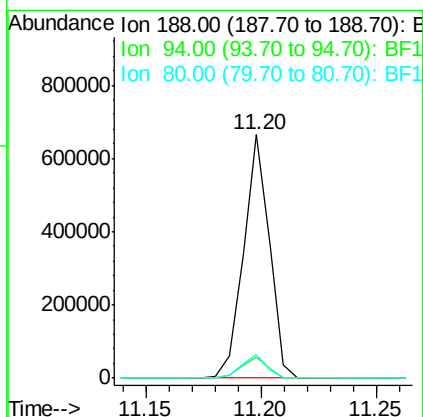
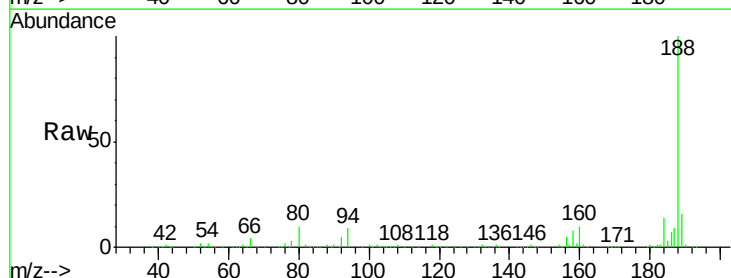
Instrument :
 BNA_F
 ClientSampleId :
 TP-17-16-COMP

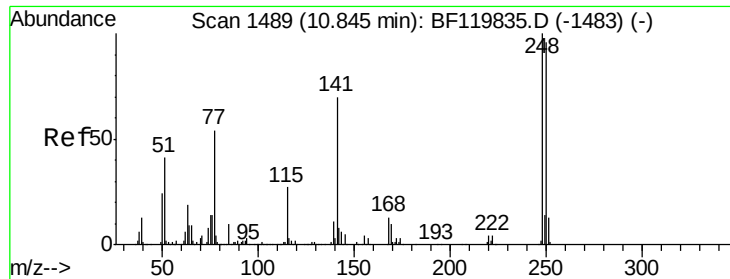
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	42.6	64.0#
89	1.1	61.0	91.4#
182	0.0	2.2	3.2#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. -0.01 min
 Lab File: BF120141.D
 Acq: 22 Apr 2020 19:48

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.5	11.3
80	9.6	9.0	13.4

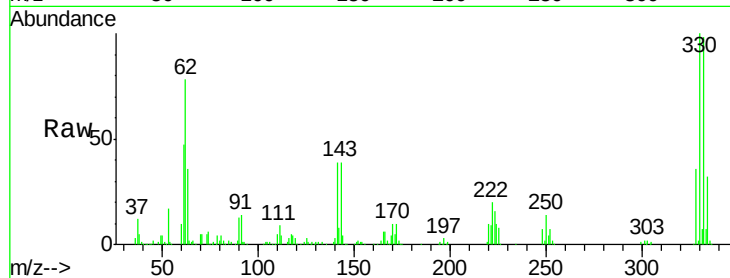




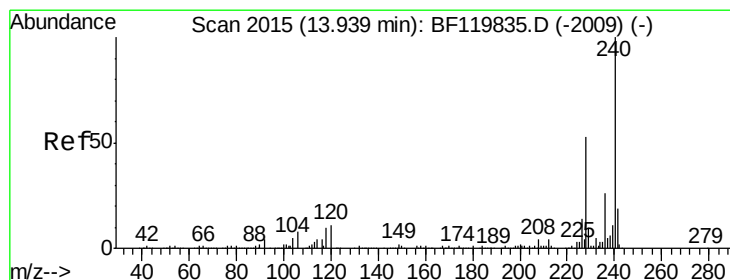
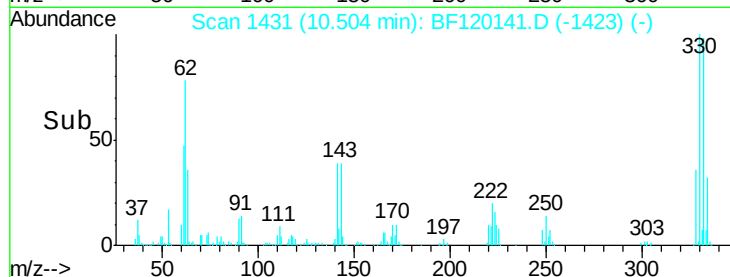
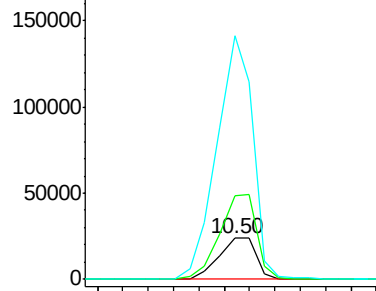
#67
 4-Bromophenyl-phenylether
 Concen: 3.871 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.25 min
 Lab File: BF120141.D
 Acq: 22 Apr 2020 19:48

Instrument :
 BNA_F
 ClientSampleId :
 TP-17-16-COMP

Tot Ion:248 Resp: 24942
 Ion Ratio Lower Upper
 248 100
 250 204.4 77.3 115.9#
 141 591.4 58.6 87.8#

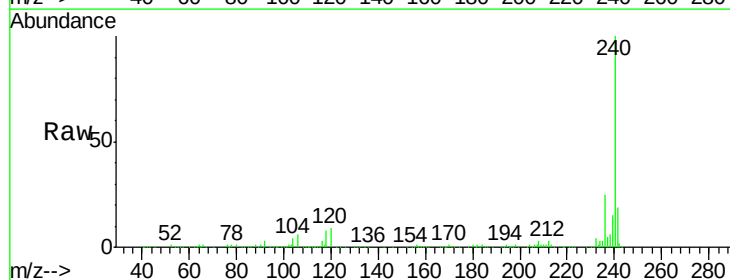


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

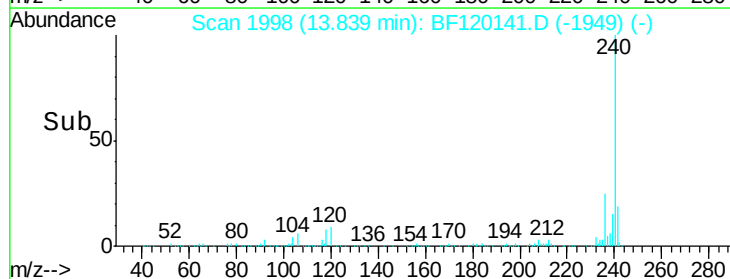
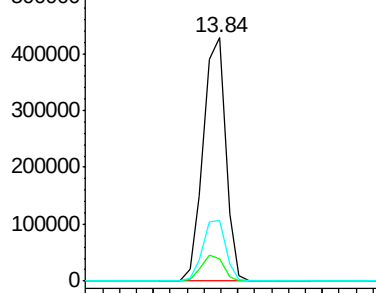


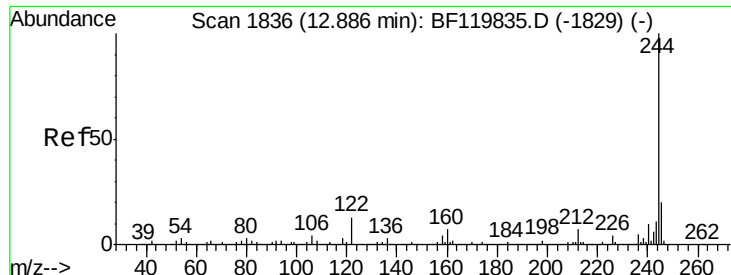
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.84 min Scan# 1998
 Delta R.T. -0.01 min
 Lab File: BF120141.D
 Acq: 22 Apr 2020 19:48

Tgt Ion:240 Resp: 396003
 Ion Ratio Lower Upper
 240 100
 120 9.0 10.6 15.8#
 236 24.8 20.2 30.2



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: 89.343 ng

RT: 12.80 min Scan# 1821

Delta R.T. 0.00 min

Lab File: BF120141.D

Acq: 22 Apr 2020 19:48

Instrument :

BNA_F

ClientSampleId :

TP-17-16-COMP

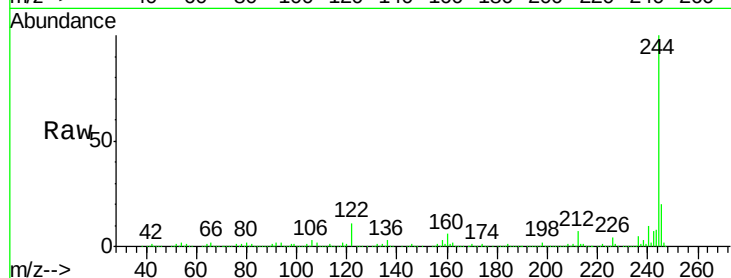
Tot Ion:244 Resp: 2102636

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.8

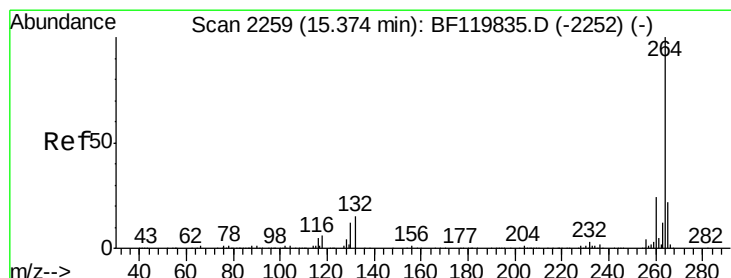
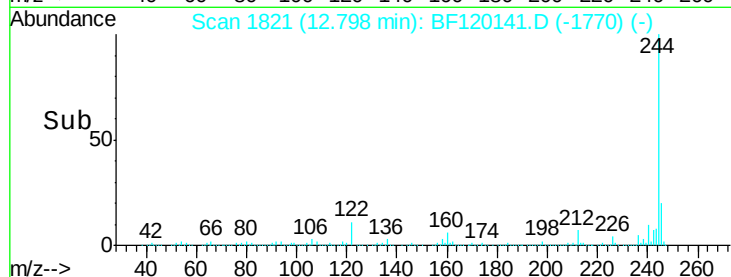
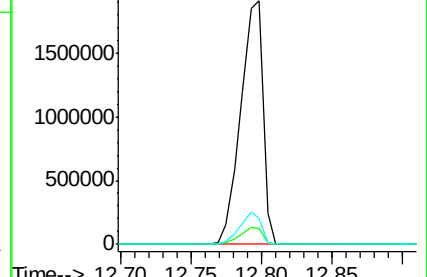
122 10.7 10.3 15.5



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: 15.24 min Scan# 2237

Delta R.T. -0.01 min

Lab File: BF120141.D

Acq: 22 Apr 2020 19:48

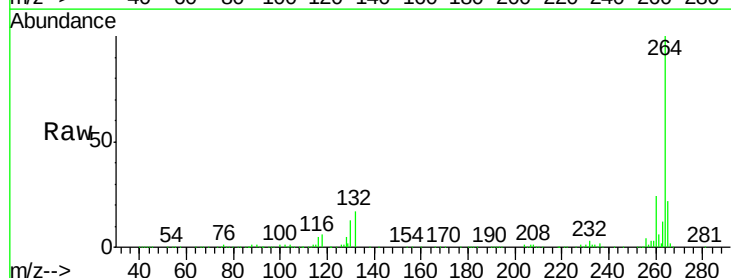
Tgt Ion:264 Resp: 312937

Ion Ratio Lower Upper

264 100

260 23.8 18.7 28.1

265 21.9 17.7 26.5



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

