

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042220\
 Data File : BF120140.D
 Acq On : 22 Apr 2020 19:21
 Operator : MA/SJ
 Sample : L2342-06
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-18-COMP

Quant Time: Apr 23 02:43:25 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

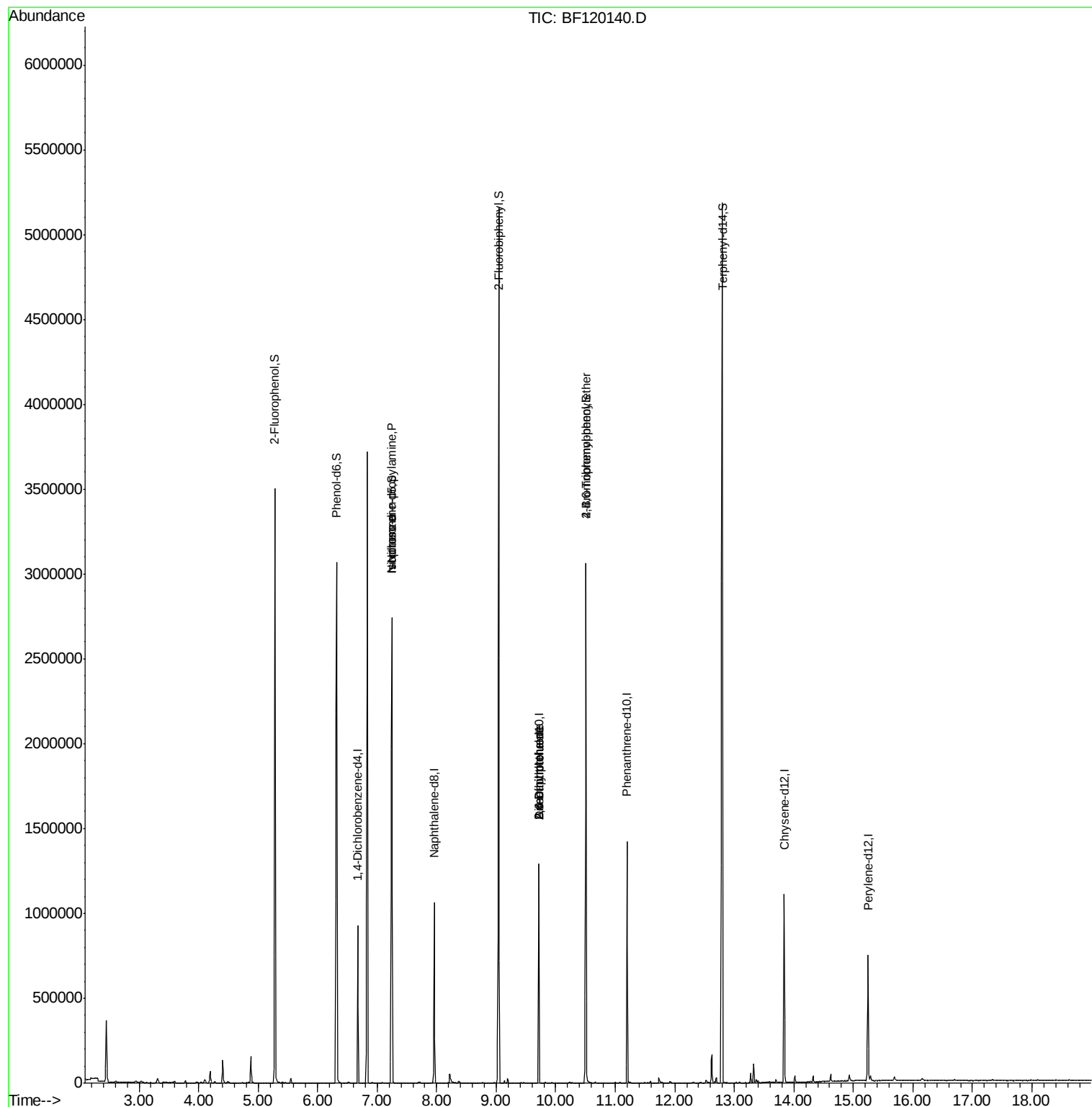
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	126228	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	482293	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	242791	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	468452	20.00	ng	0.00
76) Chrysene-d12	13.84	240	378772	20.00	ng	-0.01
87) Perylene-d12	15.24	264	302451	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	962106	131.72	ng	0.00
7) Phenol-d6	6.32	99	1137322	120.84	ng	-0.01
23) Nitrobenzene-d5	7.25	82	877368	94.11	ng	0.00
42) 2,4,6-Tribromophenol	10.51	330	389560	131.05	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	1727640	101.03	ng	0.00
79) Terphenyl-d14	12.80	244	2004911	89.07	ng	0.00
Target Compounds						
9) Benzaldehyde	6.23	77	351	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.25	70	116276	19.212 ng	#	70
25) Isophorone	7.25	82	876641	48.780 ng	#	65
50) Dimethylphthalate	9.72	163	55551	2.958 ng	#	1
51) 2,6-Dinitrotoluene	9.72	165	31060	7.553 ng	#	27
57) 2,4-Dinitrotoluene	9.72	165	31060	5.733 ng	#	20
67) 4-Bromophenyl-phenylether	10.51	248	24447	4.196 ng	#	1

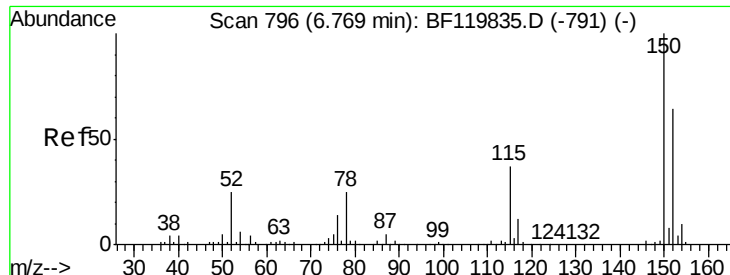
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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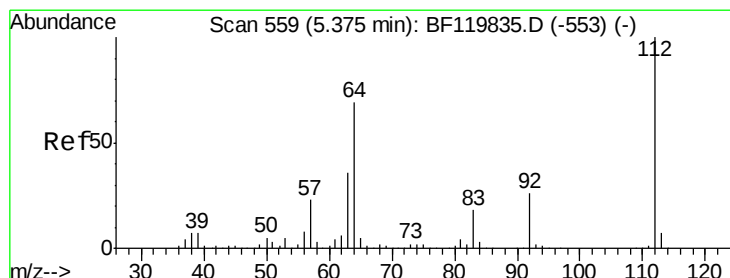
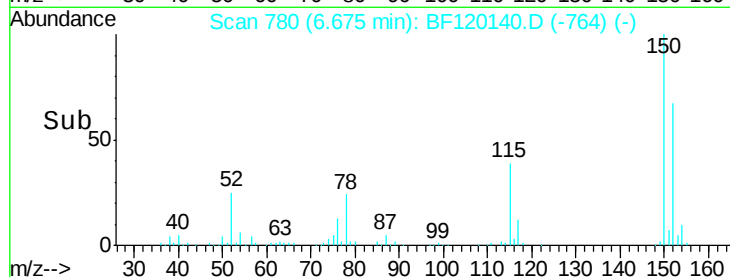
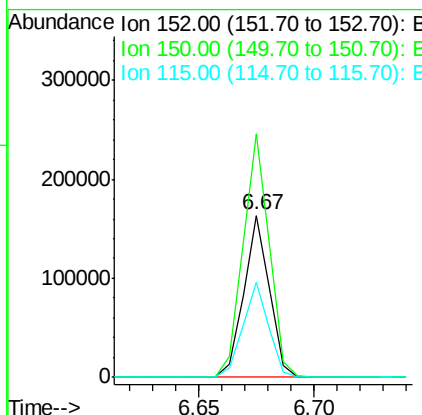
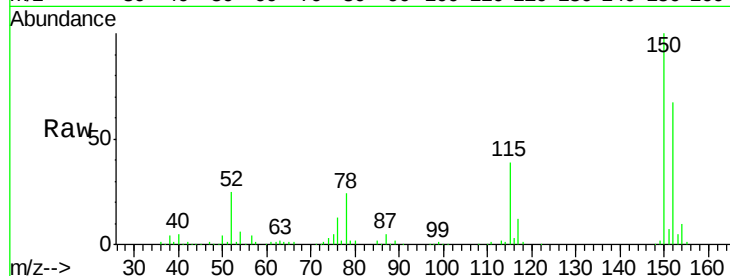


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF120140.D
Acq: 22 Apr 2020 19:21

Instrument :
BNA_F
ClientSampleId :
TP-18-COMP

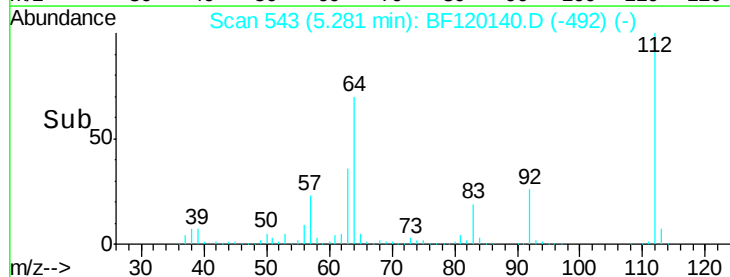
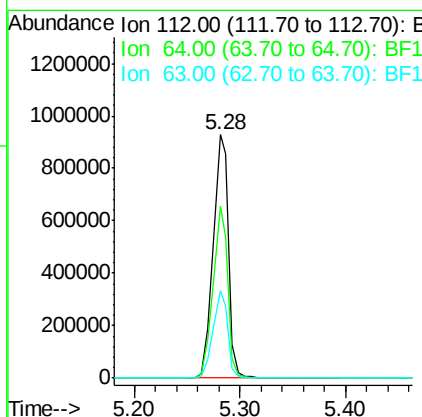
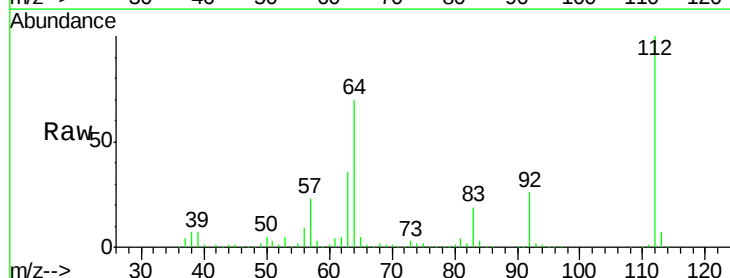
Tot Ion:152 Resp: 126228
Ion Ratio Lower Upper
152 100
150 150.4 124.5 186.7
115 58.4 49.6 74.4

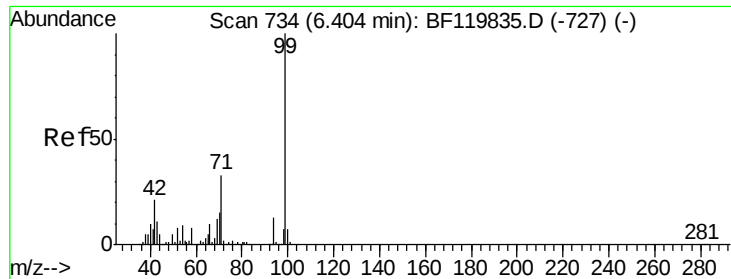


#5

2-Fluorophenol
Concen: 131.722 ng
RT: 5.28 min Scan# 543
Delta R.T. 0.00 min
Lab File: BF120140.D
Acq: 22 Apr 2020 19:21

Tgt Ion:112 Resp: 962106
Ion Ratio Lower Upper
112 100
64 70.4 56.7 85.1
63 36.0 29.5 44.3





#7

Phenol-d6

Concen: 120.842 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF120140.D

Acq: 22 Apr 2020 19:21

Instrument :

BNA_F

ClientSampleId :

TP-18-COMP

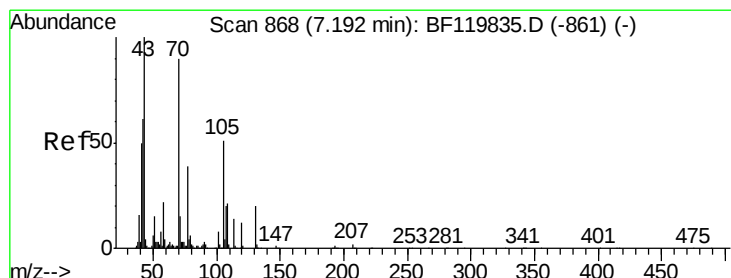
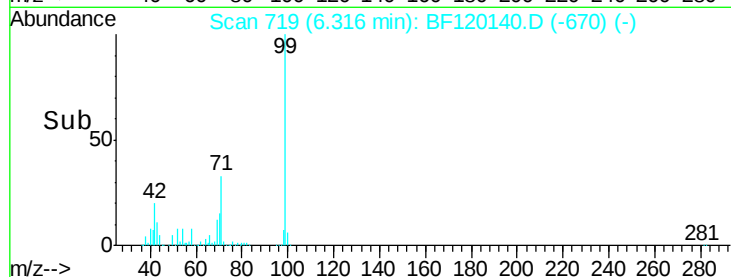
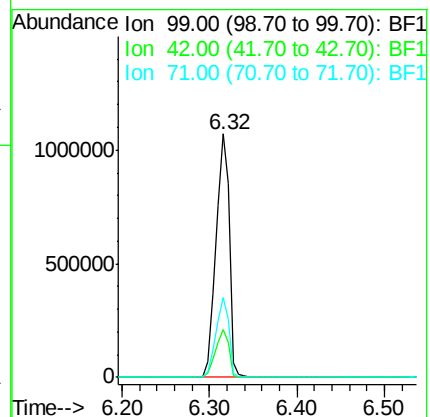
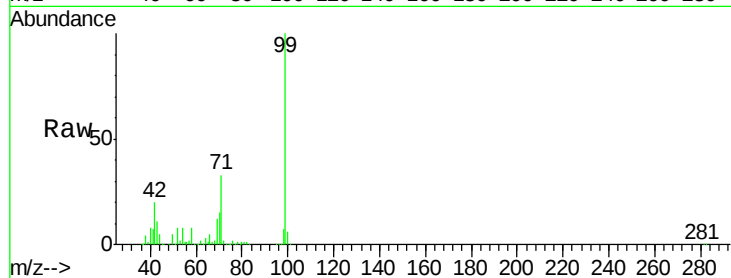
Tot Ion: 99 Resp: 1137322

Ion Ratio Lower Upper

99 100

42 19.9 16.6 24.8

71 32.7 26.4 39.6



#19

n-Nitroso-di-n-propylamine

Concen: 19.212 ng

RT: 7.25 min Scan# 877

Delta R.T. 0.14 min

Lab File: BF120140.D

Acq: 22 Apr 2020 19:21

Tgt Ion: 70 Resp: 116276

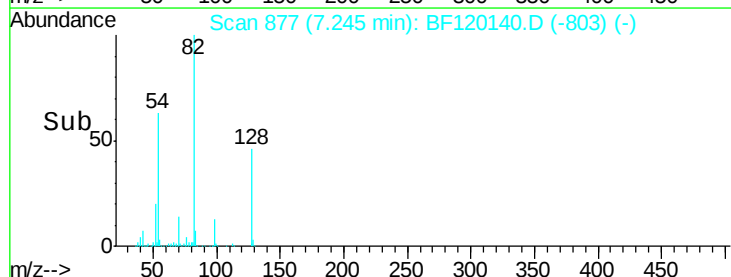
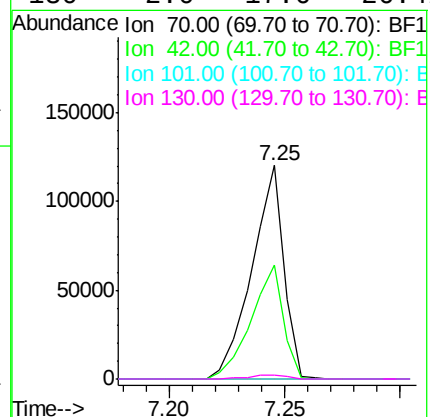
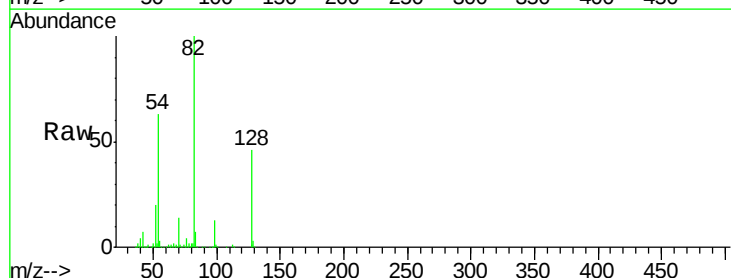
Ion Ratio Lower Upper

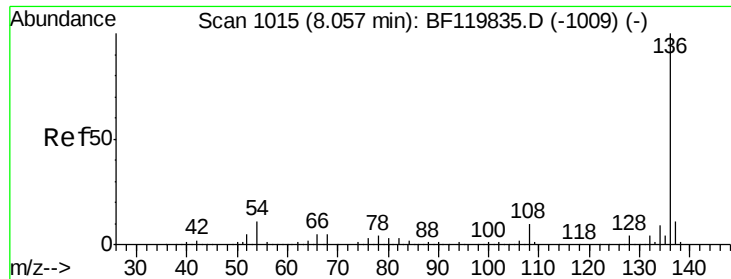
70 100

42 53.6 54.5 81.7#

101 0.0 7.6 11.4#

130 2.0 17.6 26.4#

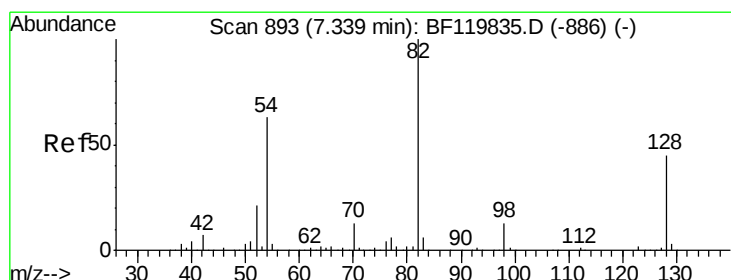
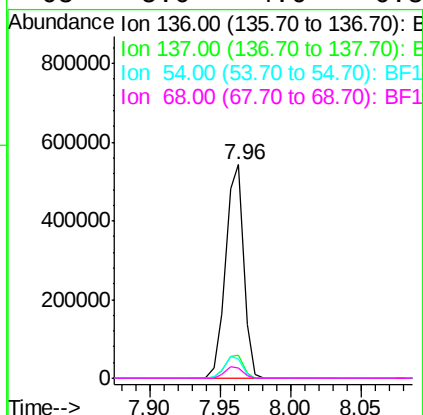
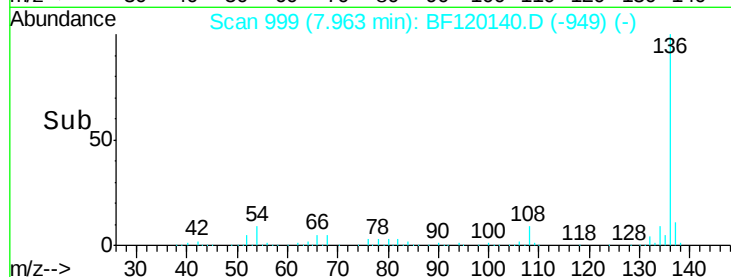
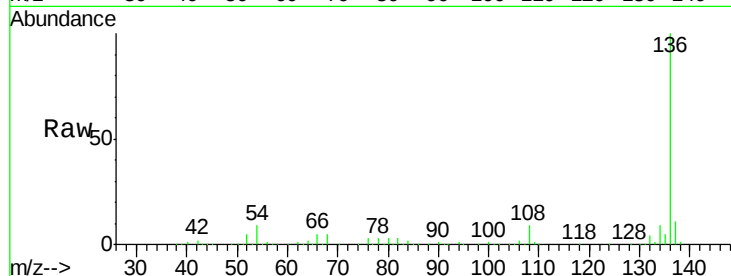




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF120140.D
Acq: 22 Apr 2020 19:21

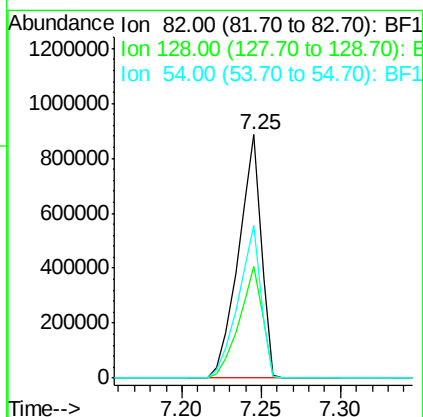
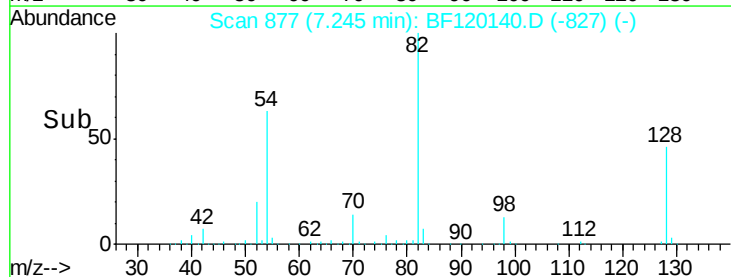
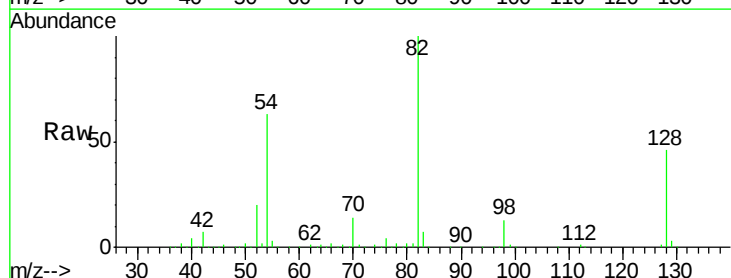
Instrument :
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TP-18-COMP

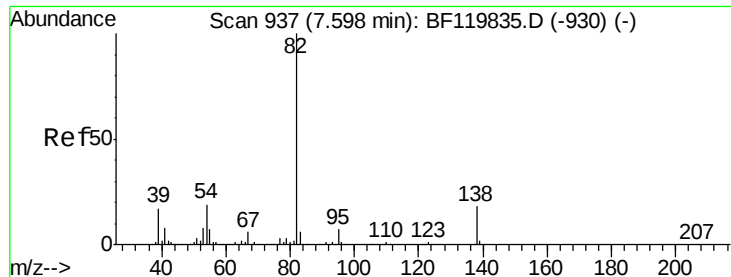
Tot Ion:136	Resp:	482293
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.7 13.1
54	9.0	9.1 13.7#
68	5.0	4.6 6.8



#23
Nitrobenzene-d5
Concen: 94.112 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF120140.D
Acq: 22 Apr 2020 19:21

Tgt Ion: 82	Resp:	877368
Ion Ratio	Lower	Upper
82	100	
128	45.7	36.3 54.5
54	62.7	50.6 75.8





#25

Isophorone

Concen: 48.780 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.26 min

Lab File: BF120140.D

Acq: 22 Apr 2020 19:21

Instrument :

BNA_F

ClientSampleId :

TP-18-COMP

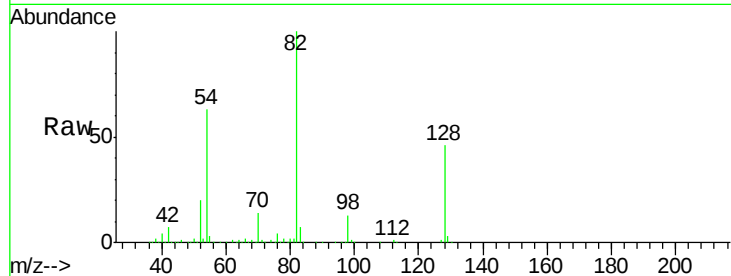
Tot Ion: 82 Resp: 876641

Ion Ratio Lower Upper

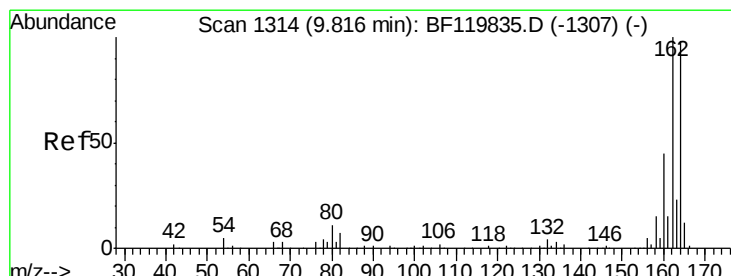
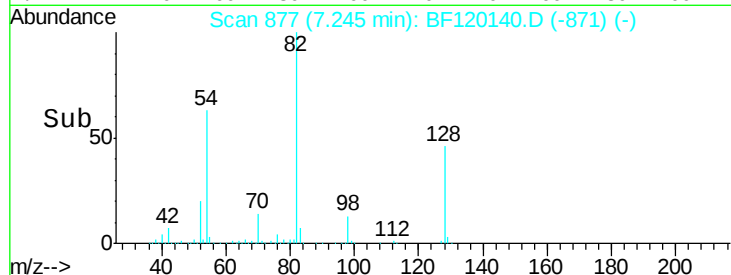
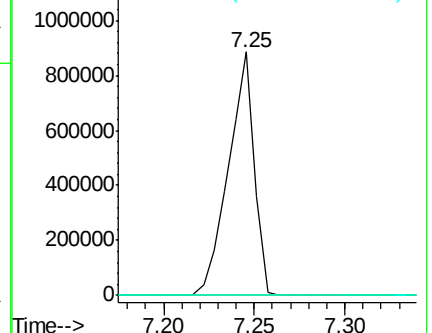
82 100

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: BF120140.D

Acq: 22 Apr 2020 19:21

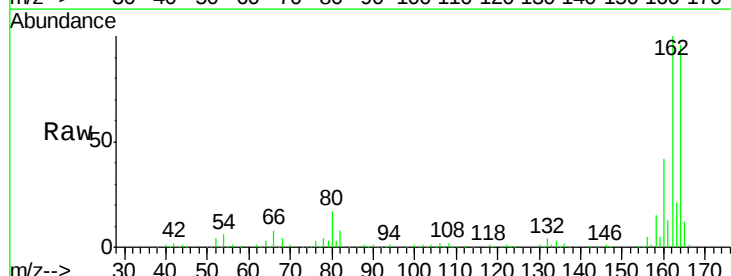
Tgt Ion: 164 Resp: 242791

Ion Ratio Lower Upper

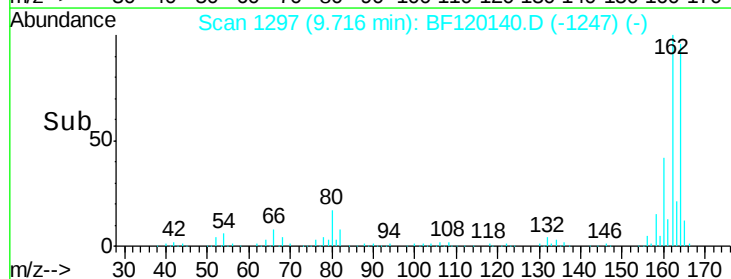
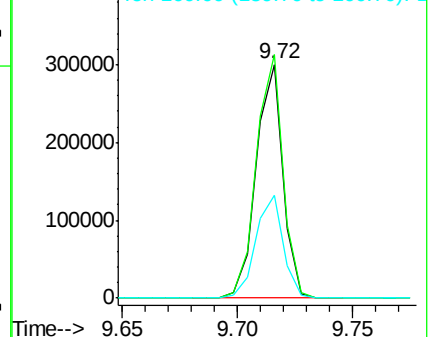
164 100

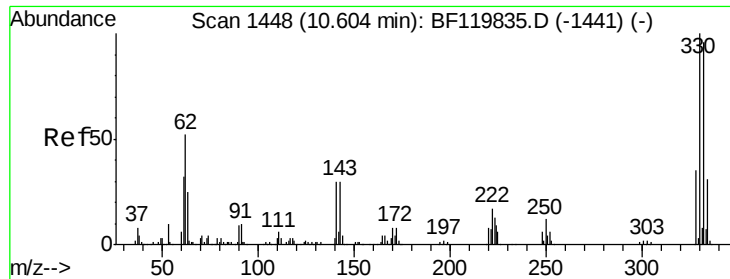
162 104.3 80.6 121.0

160 44.1 35.7 53.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

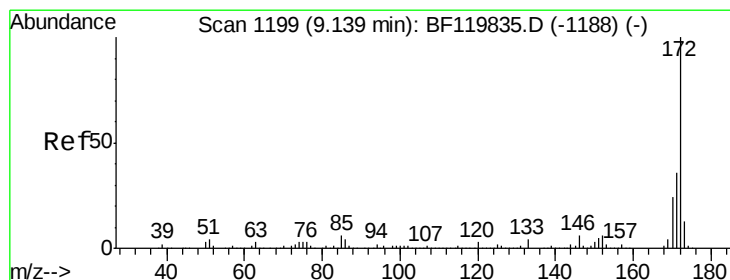
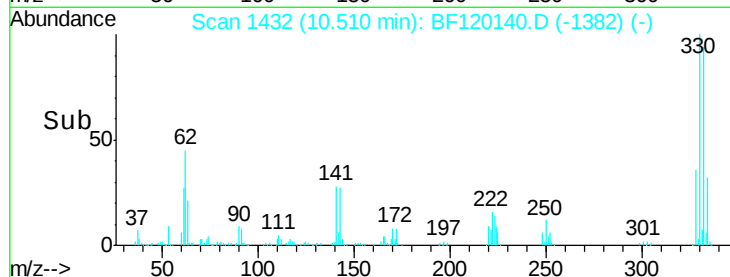
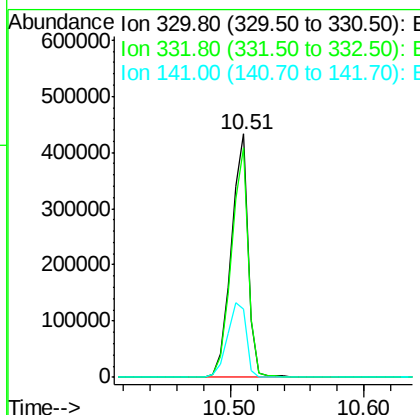
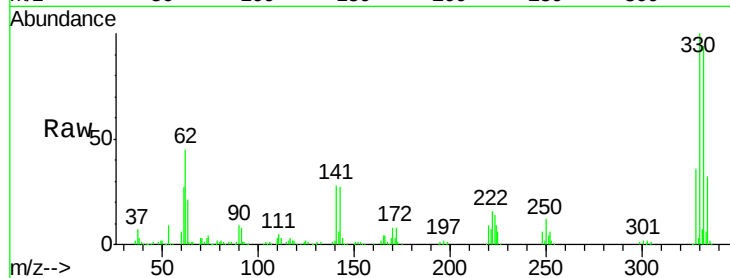




#42
 2,4,6-Tribromophenol
 Concen: 131.051 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF120140.D
 Acq: 22 Apr 2020 19:21

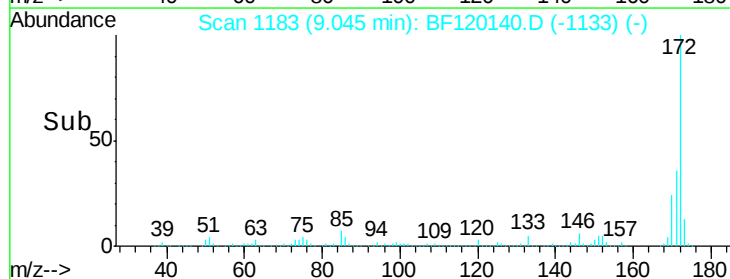
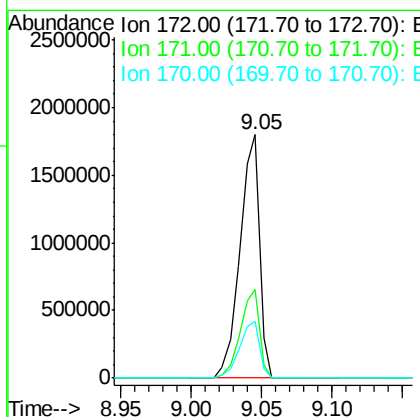
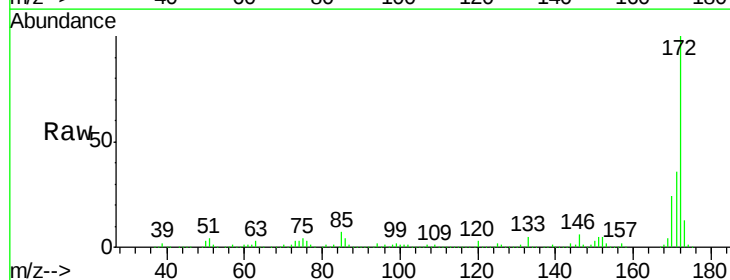
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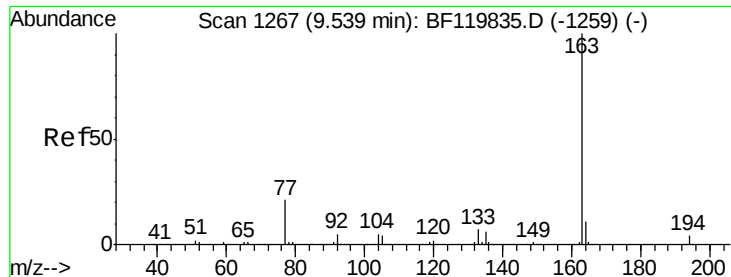
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.4	75.7	113.5
141	34.4	25.4	38.0



#45
 2-Fluorobiphenyl
 Concen: 101.028 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF120140.D
 Acq: 22 Apr 2020 19:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	23.6	20.2	30.2

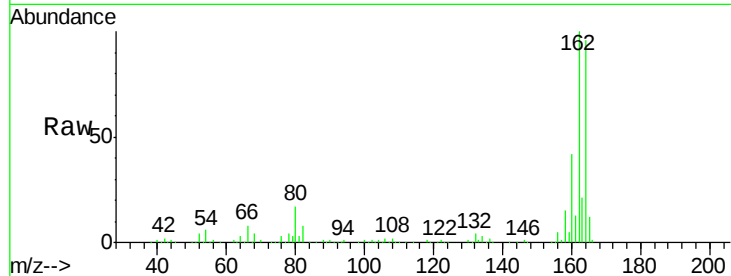




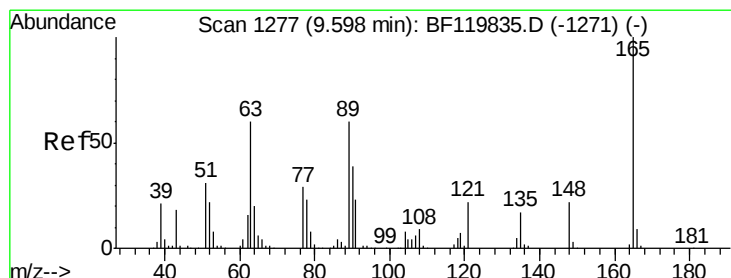
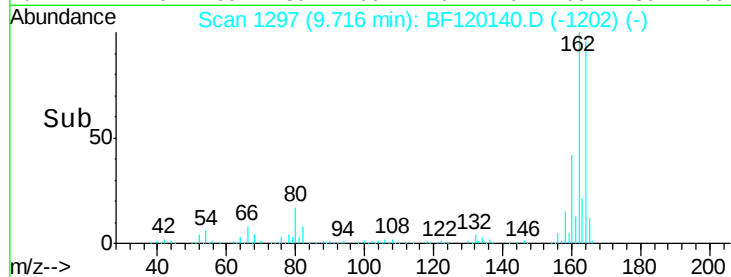
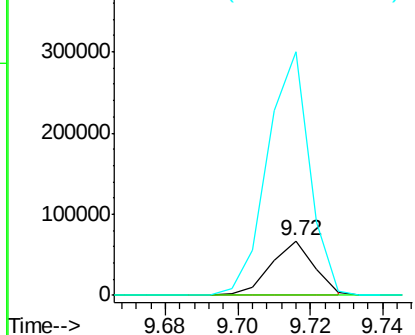
#50
Dimethylphthalate
Concen: 2.958 ng
RT: 9.72 min Scan# 1297
Delta R.T. 0.26 min
Lab File: BF120140.D
Acq: 22 Apr 2020 19:21

Instrument :
BNA_F
ClientSampleId :
TP-18-COMP

Tot Ion:163 Resp: 55551
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 446.8 8.2 12.2#

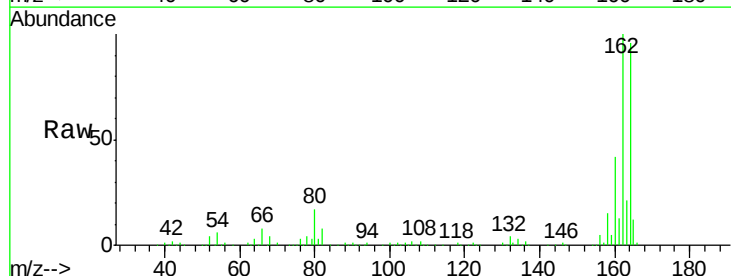


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

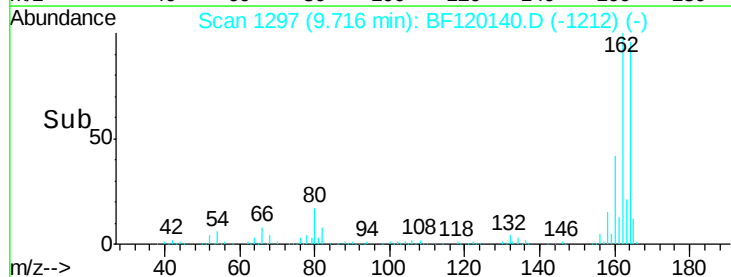
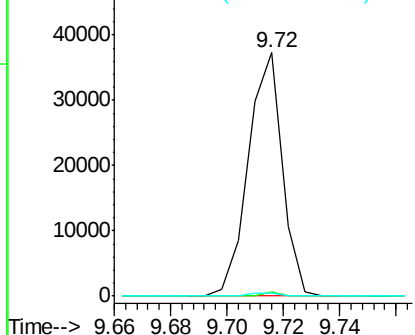


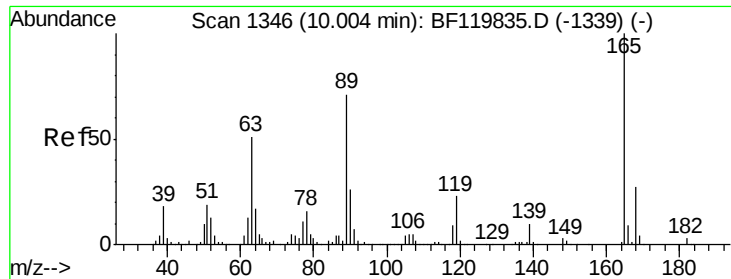
#51
2,6-Dinitrotoluene
Concen: 7.553 ng
RT: 9.72 min Scan# 1297
Delta R.T. 0.20 min
Lab File: BF120140.D
Acq: 22 Apr 2020 19:21

Tgt Ion:165 Resp: 31060
Ion Ratio Lower Upper
165 100
63 1.5 45.0 67.4#
89 1.3 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

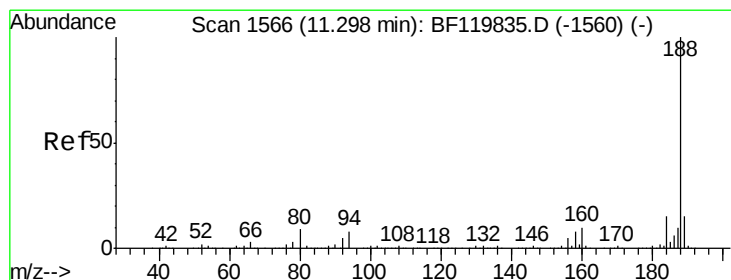
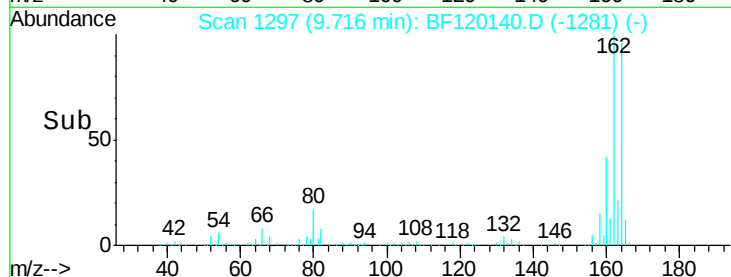
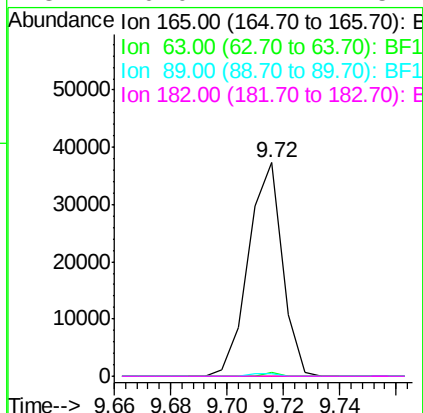
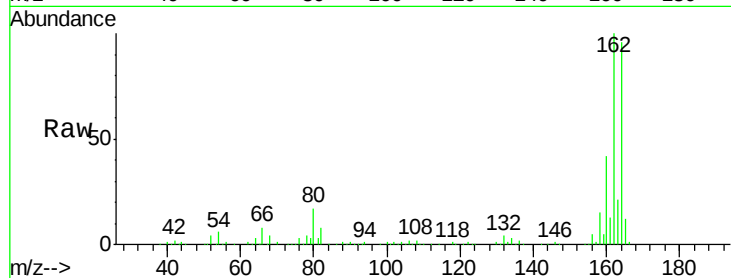




#57
 2,4-Dinitrotoluene
 Concen: 5.733 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.21 min
 Lab File: BF120140.D
 Acq: 22 Apr 2020 19:21

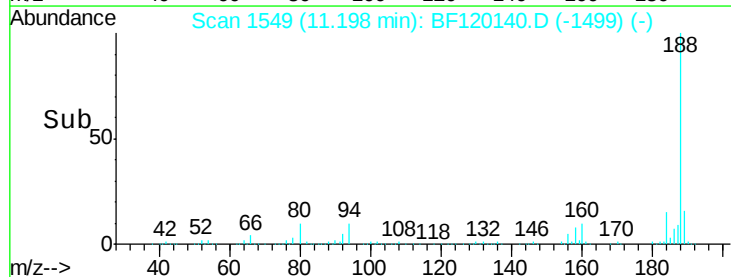
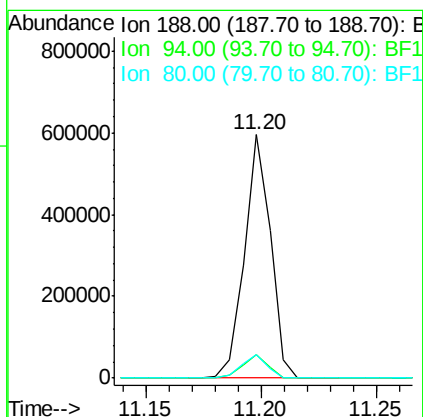
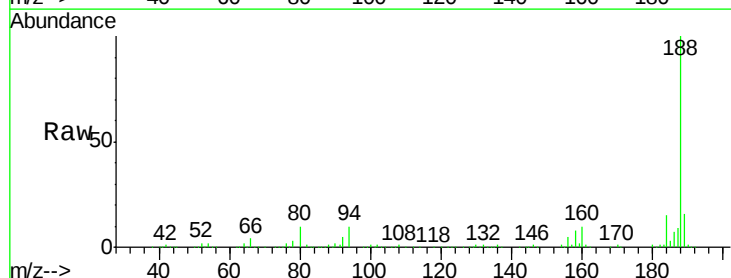
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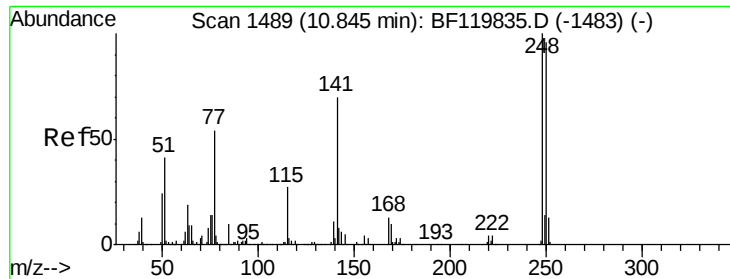
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	42.6	64.0#
89	1.3	61.0	91.4#
182	0.0	2.2	3.2#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. -0.01 min
 Lab File: BF120140.D
 Acq: 22 Apr 2020 19:21

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.5	11.3
80	9.8	9.0	13.4

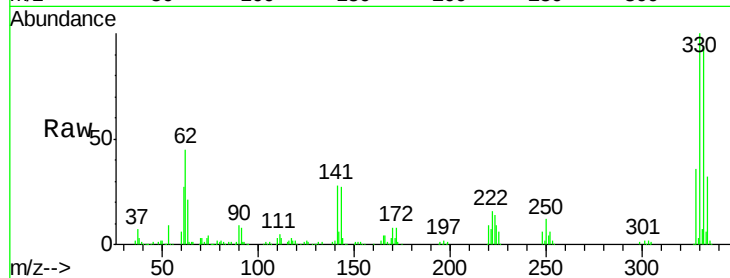




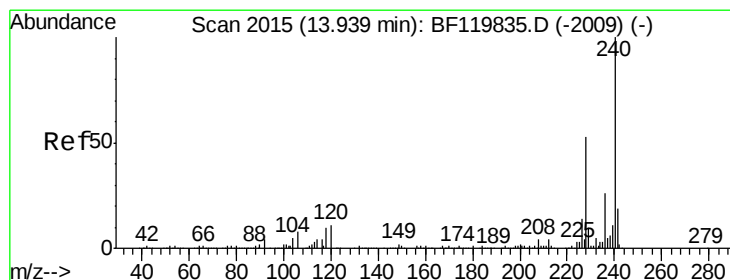
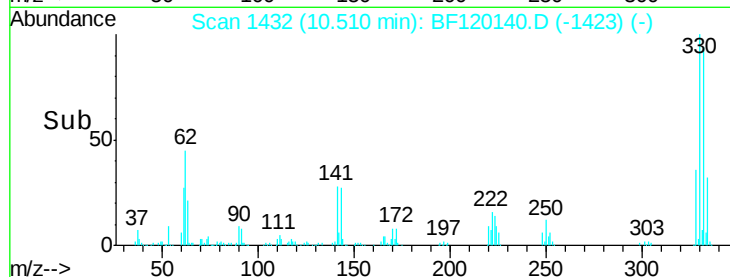
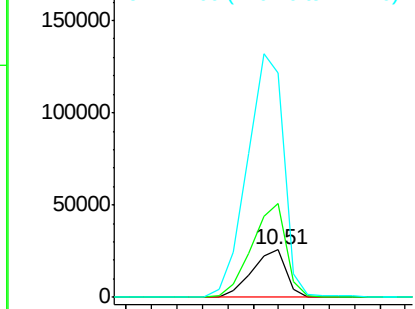
#67
4-Bromophenyl-phenylether
Concen: 4.196 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.25 min
Lab File: BF120140.D
Acq: 22 Apr 2020 19:21

Instrument :
BNA_F
ClientSampleId :
TP-18-COMP

Tot Ion:248 Resp: 24447
Ion Ratio Lower Upper
248 100
250 197.0 77.3 115.9#
141 474.8 58.6 87.8#

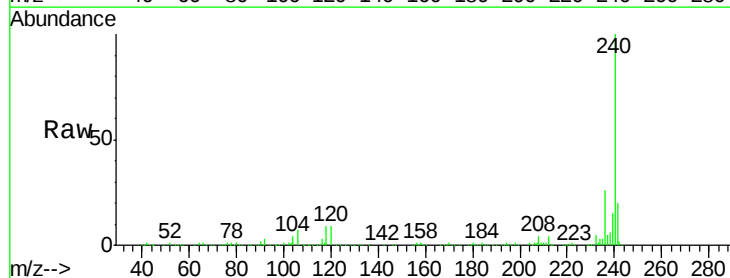


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

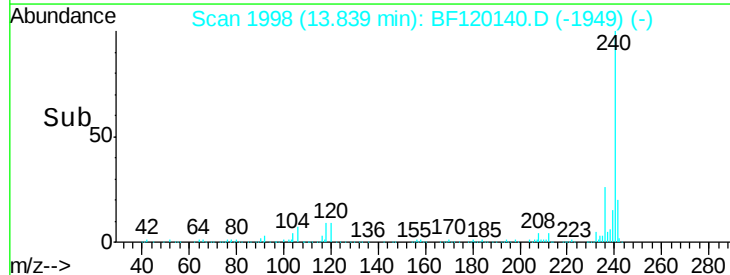
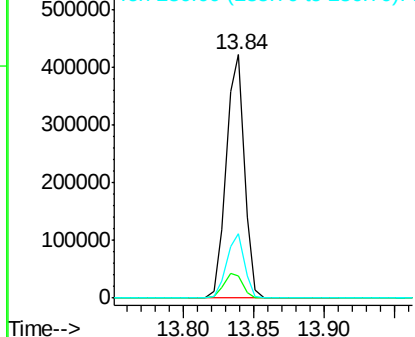


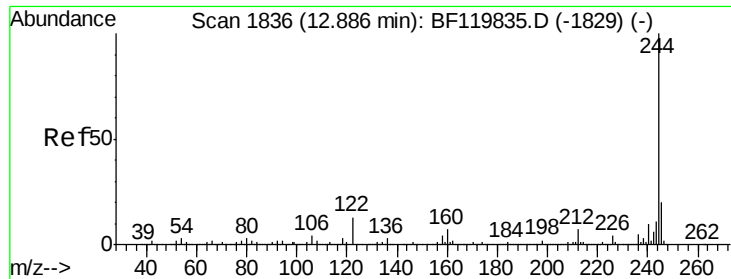
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF120140.D
Acq: 22 Apr 2020 19:21

Tgt Ion:240 Resp: 378772
Ion Ratio Lower Upper
240 100
120 9.1 10.6 15.8#
236 26.3 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

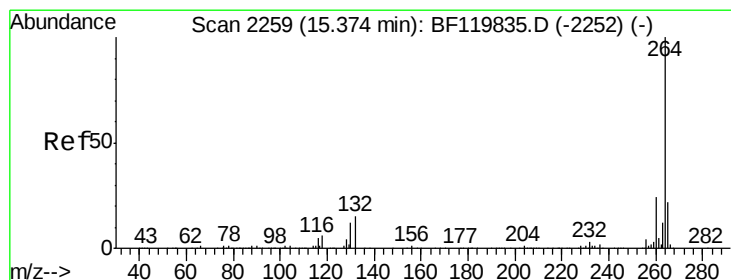
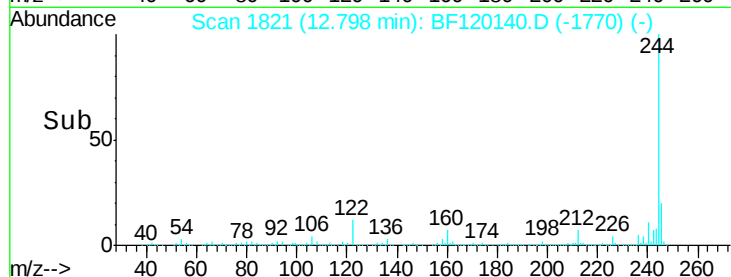
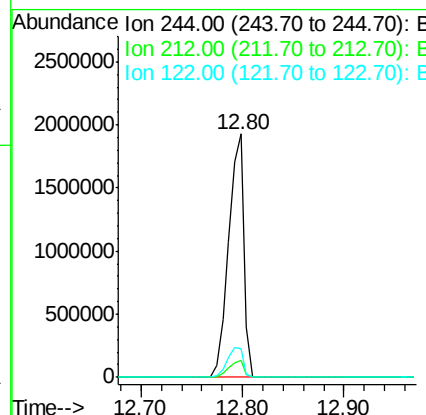
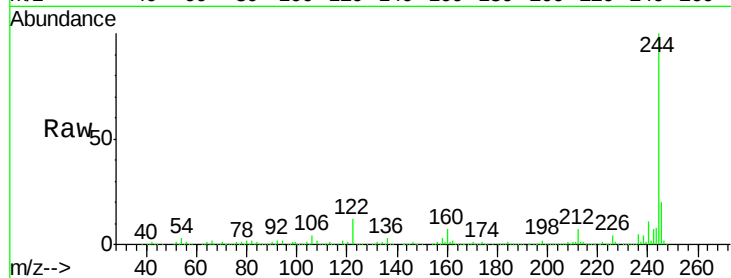




#79
 Terphenyl-d14
 Concen: 89.066 ng
 RT: 12.80 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: BF120140.D
 Acq: 22 Apr 2020 19:21

Instrument :
 BNA_F
 ClientSampleId :
 TP-18-COMP

Tot Ion:244 Resp: 2004911
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.8
 122 11.9 10.3 15.5



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2237
 Delta R.T. -0.01 min
 Lab File: BF120140.D
 Acq: 22 Apr 2020 19:21

Tgt Ion:264 Resp: 302451
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.7 28.1
 265 20.8 17.7 26.5

