

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073120\
 Data File : BF121152.D
 Acq On : 31 Jul 2020 12:21
 Operator : JU/CG
 Sample : L3453-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-067

Quant Time: Jul 31 13:26:45 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 29 14:55:43 2020
 Response via : Initial Calibration

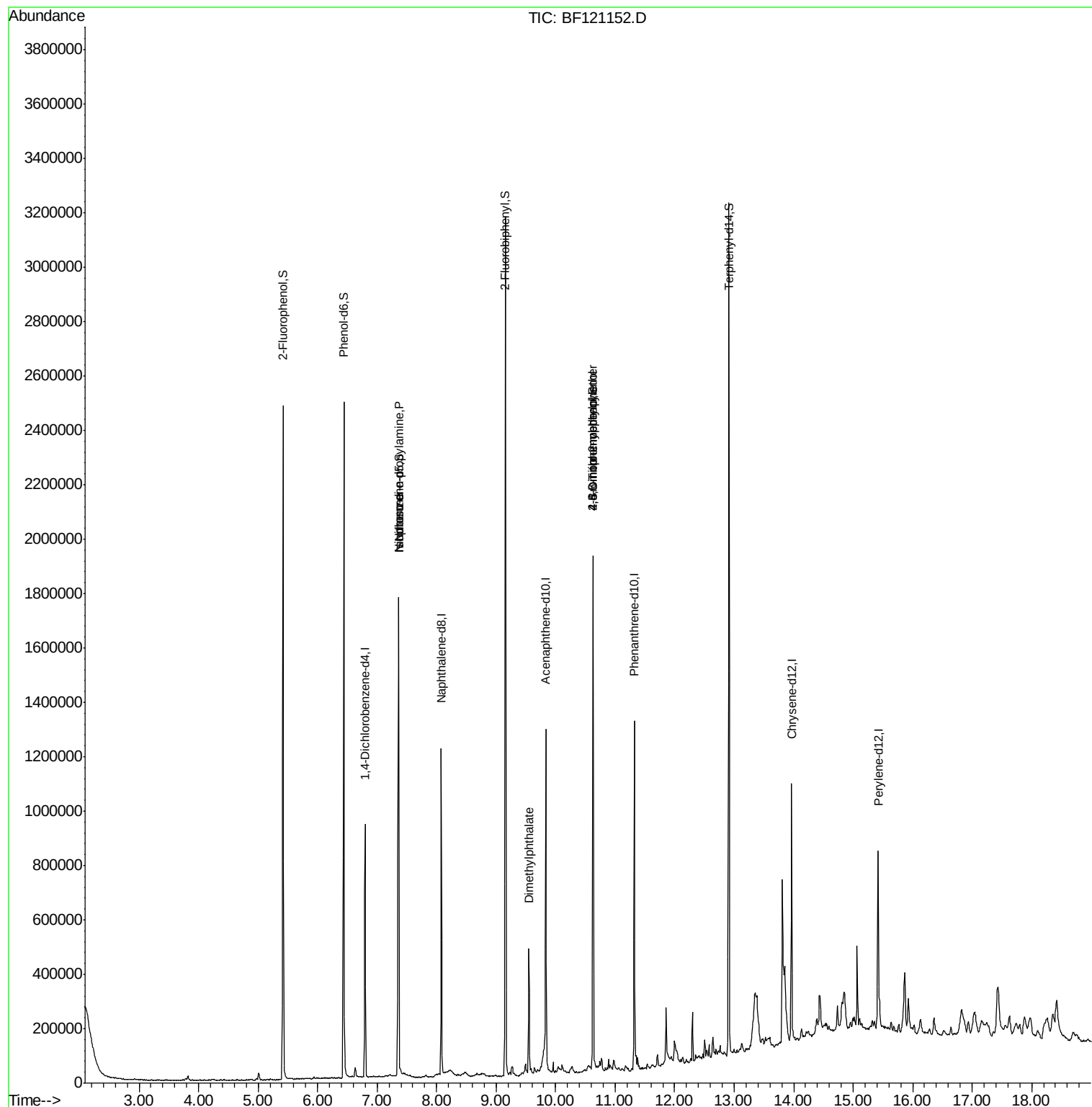
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	132404	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	519039	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	269396	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	508529	20.00	ng	0.00
76) Chrysene-d12	13.96	240	339531	20.00	ng	0.00
86) Perylene-d12	15.42	264	296658	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	801493	99.24	ng	0.00
7) Phenol-d6	6.44	99	984434	94.36	ng	0.00
23) Nitrobenzene-d5	7.36	82	610361	68.04	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	285092	96.68	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1106591	61.33	ng	0.00
79) Terphenyl-d14	12.92	244	1101667	70.53	ng	0.00
Target Compounds						
9) Benzaldehyde	6.35	77	481	Below Cal		Qvalue # 87
19) n-Nitroso-di-n-propylamine	7.36	70	82470	13.901	ng	# 78
25) Isophorone	7.36	82	600159	33.524	ng	# 62
50) Dimethylphthalate	9.55	163	169457	8.719	ng	99
65) 4,6-Dinitro-2-methylphenol	10.63	198	556	4.016	ng	# 1
67) 4-Bromophenyl-phenylether	10.63	248	15993	2.821	ng	# 1

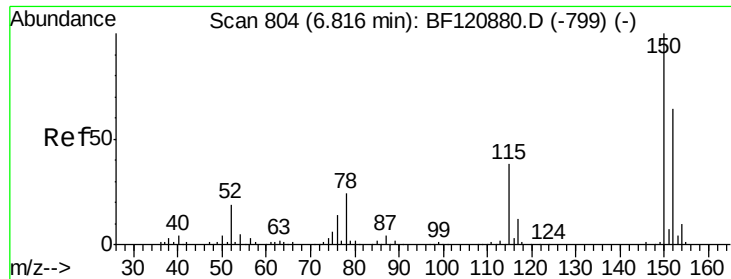
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 6 Sample Multiplier: 1

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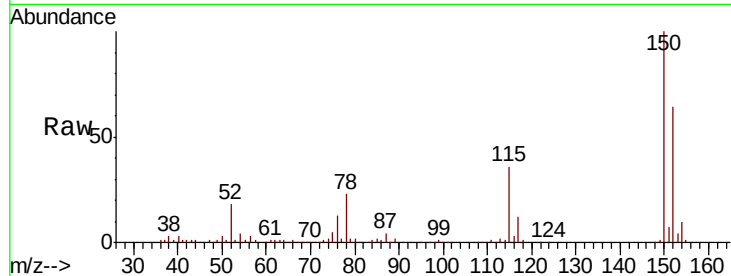


#1

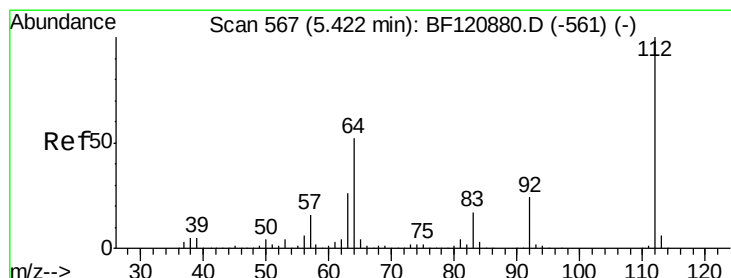
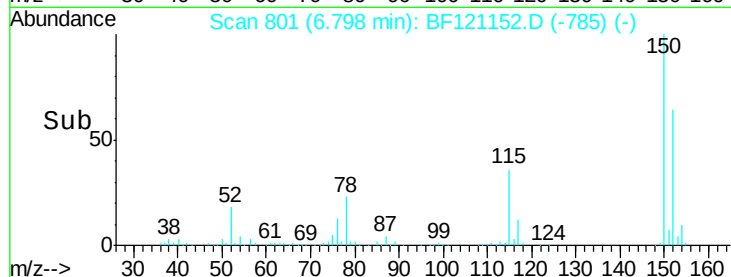
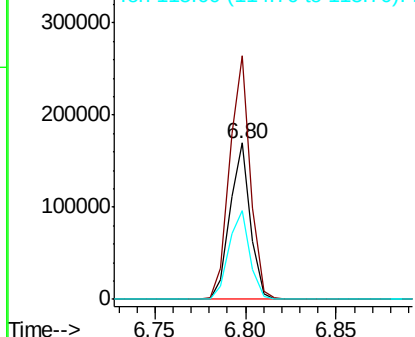
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF121152.D
Acq: 31 Jul 2020 12:21

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-067

Tot Ion:152 Resp: 132404
Ion Ratio Lower Upper
152 100
150 156.1 125.6 188.4
115 56.9 46.2 69.2



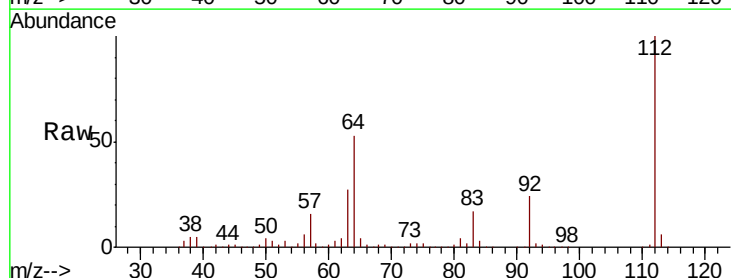
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



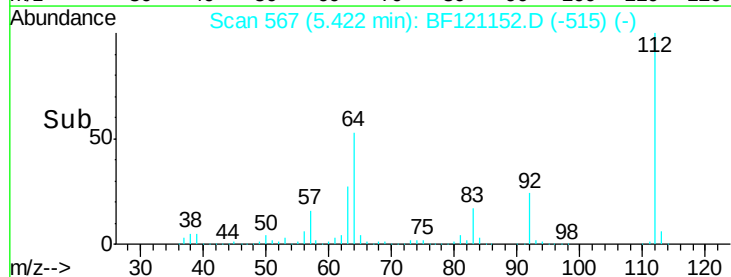
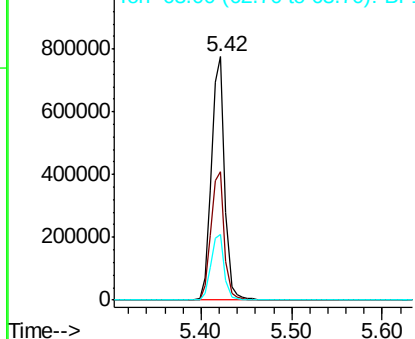
#5

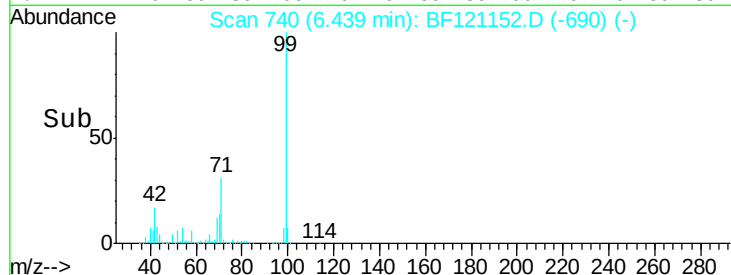
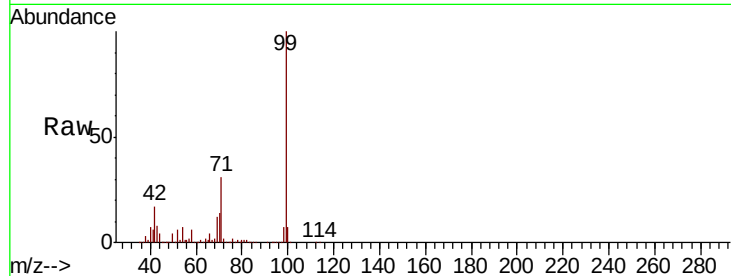
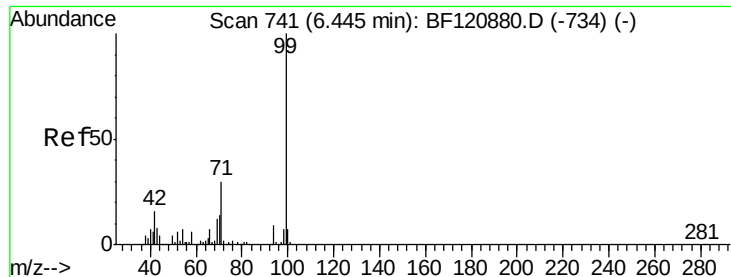
2-Fluorophenol
Concen: 99.237 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF121152.D
Acq: 31 Jul 2020 12:21

Tgt Ion:112 Resp: 801493
Ion Ratio Lower Upper
112 100
64 52.6 43.9 65.9
63 26.7 22.7 34.1



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: 94.359 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF121152.D

Acq: 31 Jul 2020 12:21

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-067

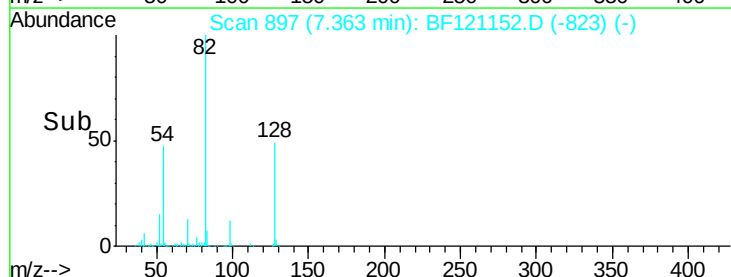
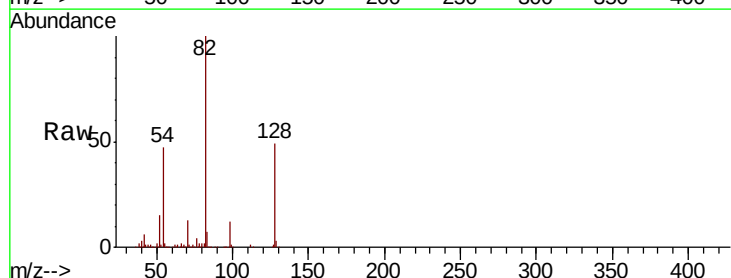
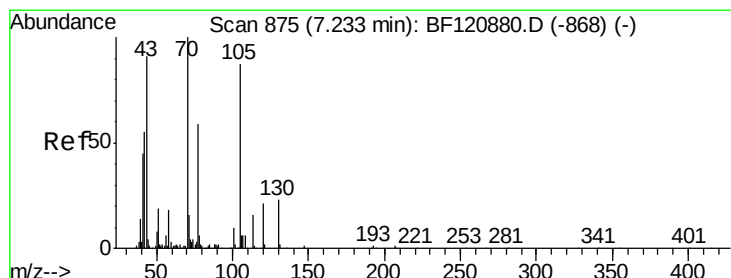
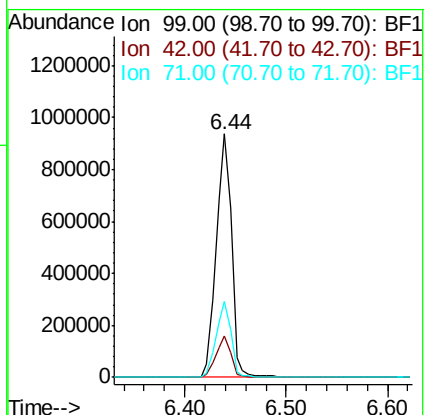
Tot Ion: 99 Resp: 984434

Ion Ratio Lower Upper

99 100

42 16.9 13.5 20.3

71 31.1 25.0 37.4



#19

n-Nitroso-di-n-propylamine

Concen: 13.901 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.13 min

Lab File: BF121152.D

Acq: 31 Jul 2020 12:21

Tgt Ion: 70 Resp: 82470

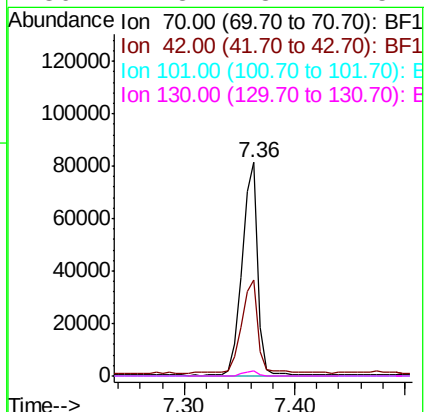
Ion Ratio Lower Upper

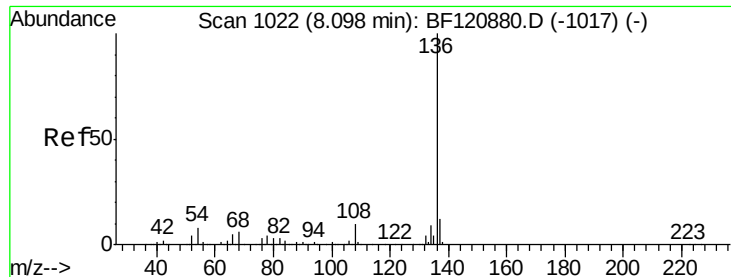
70 100

42 45.3 43.3 64.9

101 0.0 8.4 12.6#

130 2.3 18.7 28.1#

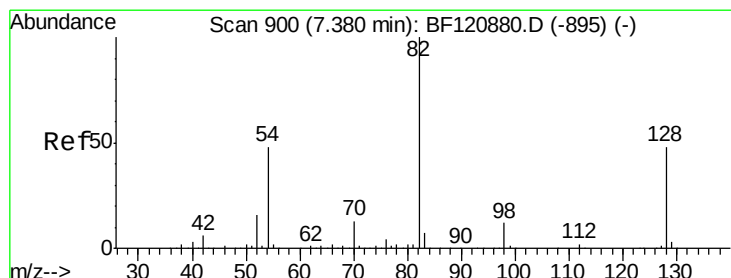
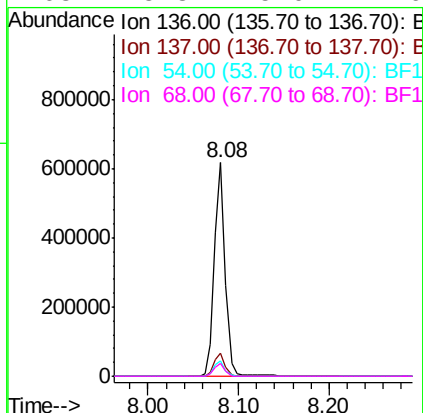
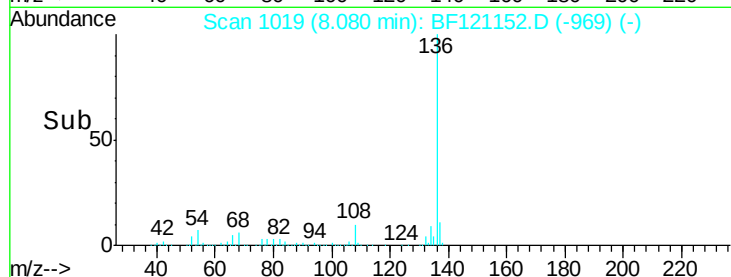
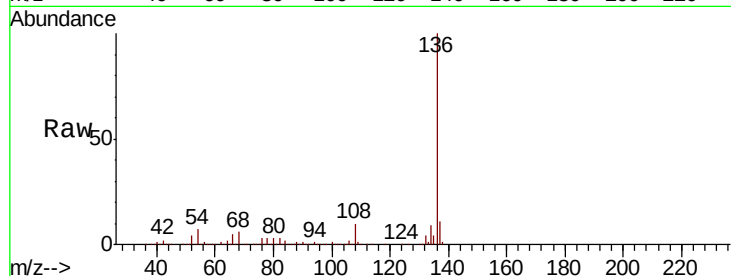




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF121152.D
Acq: 31 Jul 2020 12:21

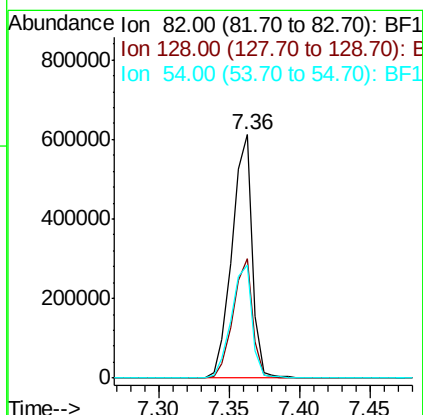
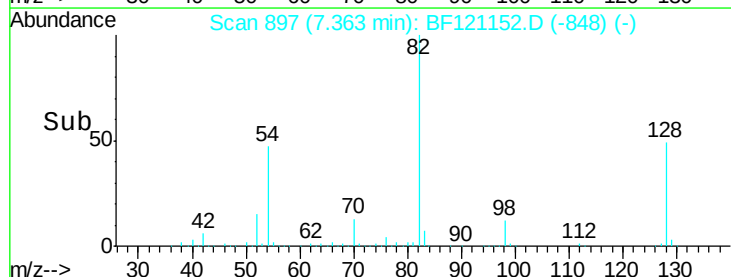
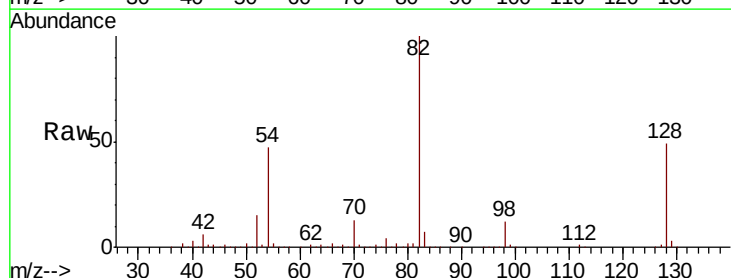
Instrument :
BNA_F
ClientSampleId :
FK-PS-01-067

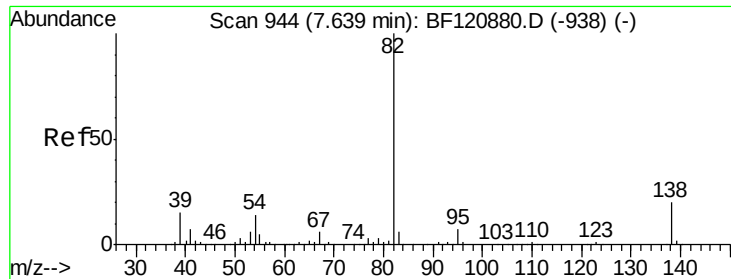
Tot Ion:136	Resp:	519039
Ion	Ratio	Lower Upper
136	100	
137	10.7	9.0 13.4
54	7.1	6.1 9.1
68	5.8	5.0 7.6



#23
Nitrobenzene-d5
Concen: 68.044 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF121152.D
Acq: 31 Jul 2020 12:21

Tgt Ion: 82	Resp:	610361
Ion	Ratio	Lower Upper
82	100	
128	49.1	39.2 58.8
54	46.7	37.8 56.8





#25

Isophorone

Concen: 33.524 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.27 min

Lab File: BF121152.D

Acq: 31 Jul 2020 12:21

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-067

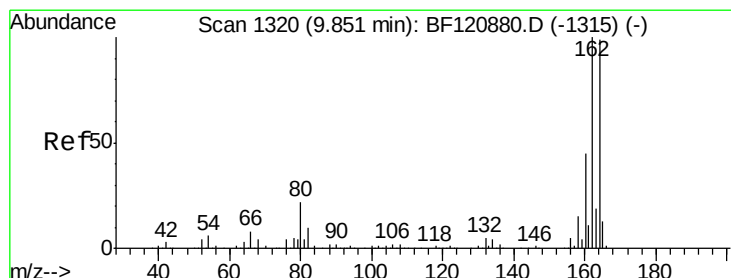
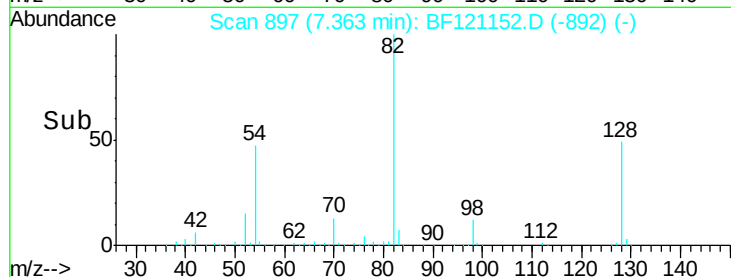
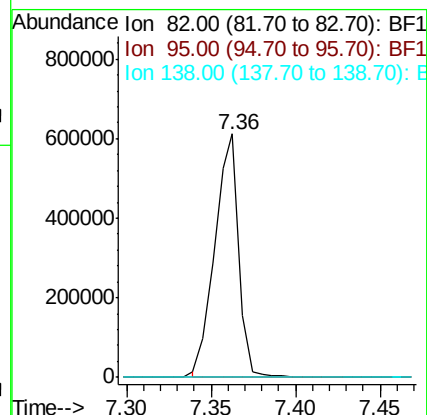
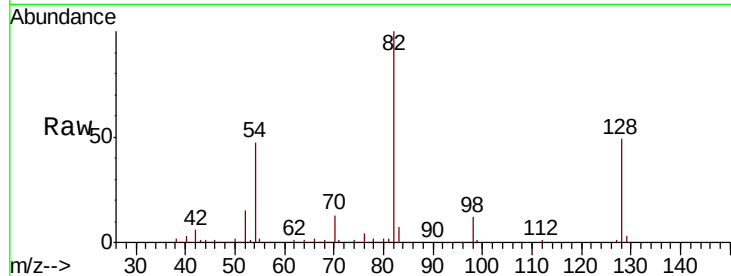
Tot Ion: 82 Resp: 600159

Ion Ratio Lower Upper

82 100

95 0.1 5.5 8.3#

138 0.0 16.2 24.2#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.00 min

Lab File: BF121152.D

Acq: 31 Jul 2020 12:21

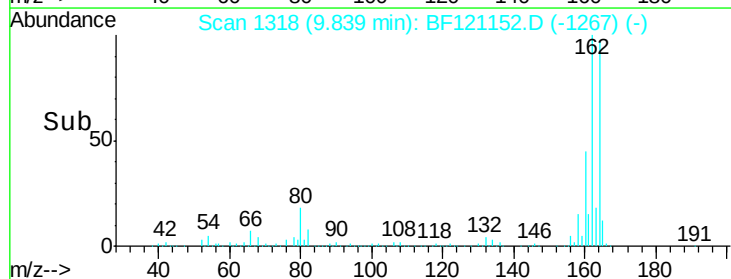
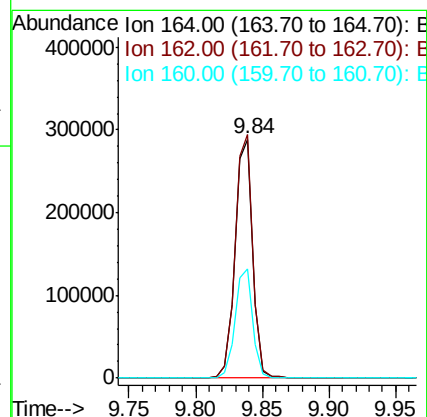
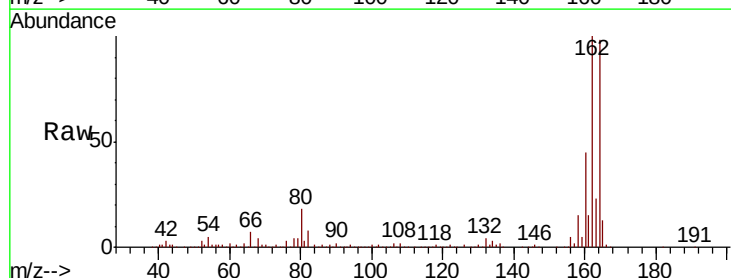
Tgt Ion: 164 Resp: 269396

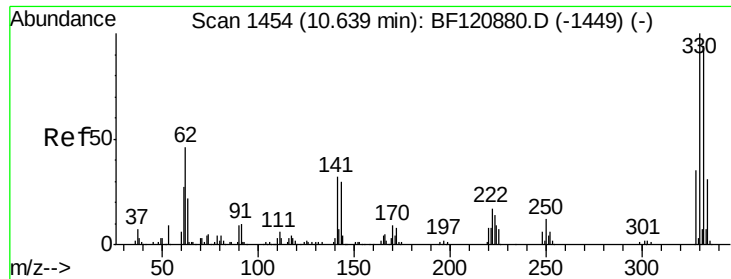
Ion Ratio Lower Upper

164 100

162 102.0 82.2 123.2

160 45.7 37.2 55.8





#42

2,4,6-Tribromophenol

Concen: 96.680 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.00 min

Lab File: BF121152.D

Acq: 31 Jul 2020 12:21

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-067

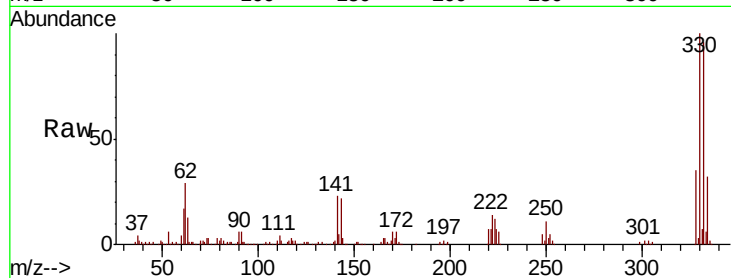
Tot Ion:330 Resp: 285092

Ion Ratio Lower Upper

330 100

332 95.9 76.1 114.1

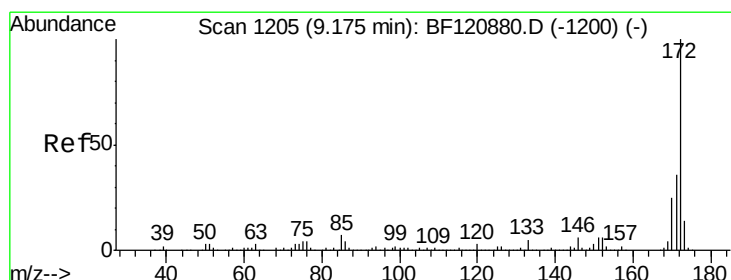
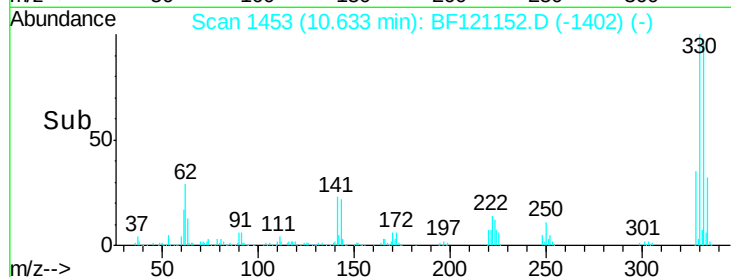
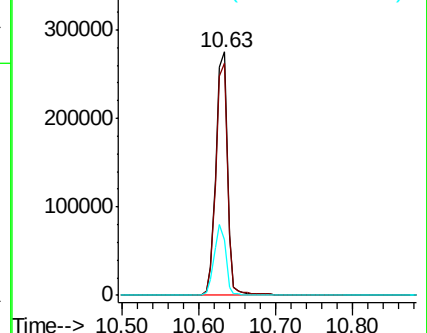
141 29.3 24.1 36.1



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: 61.329 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.01 min

Lab File: BF121152.D

Acq: 31 Jul 2020 12:21

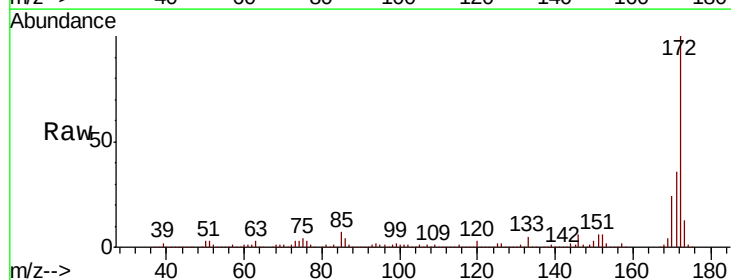
Tgt Ion:172 Resp: 1106591

Ion Ratio Lower Upper

172 100

171 35.7 29.0 43.4

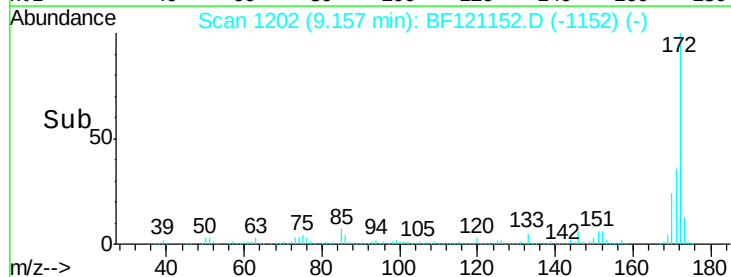
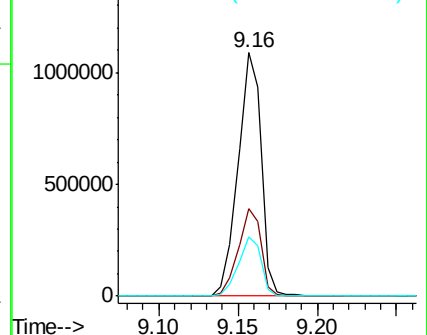
170 24.1 19.6 29.4

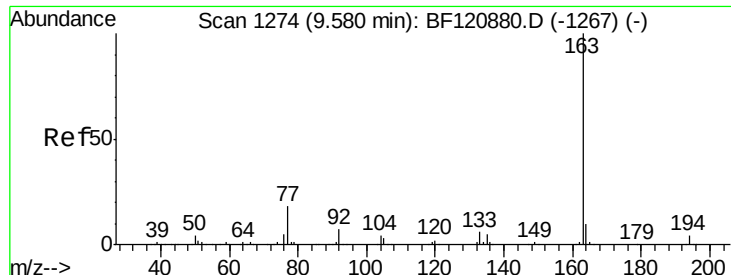


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

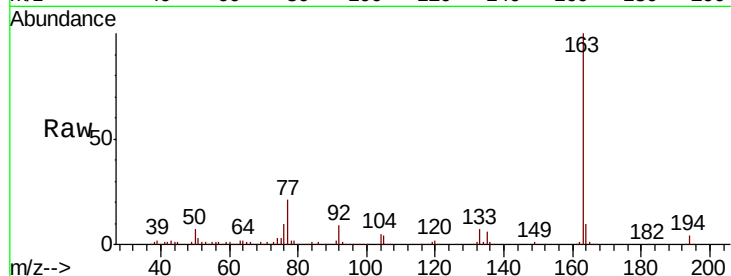




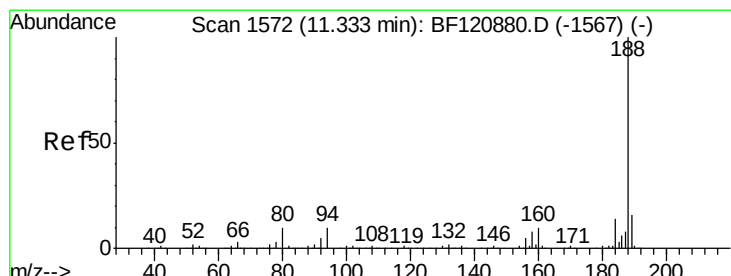
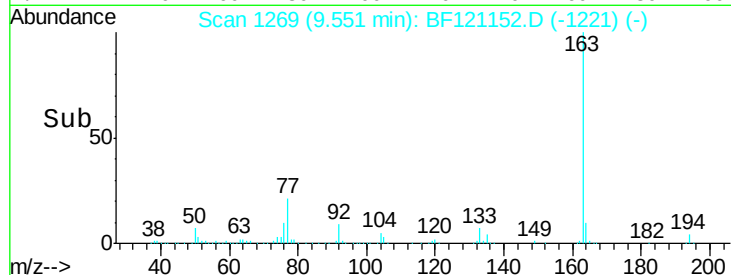
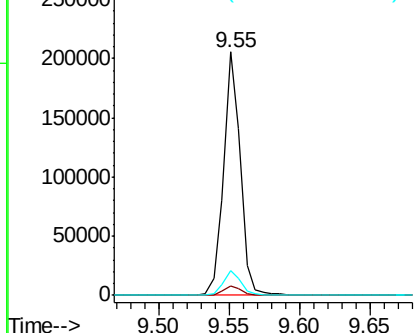
#50
Dimethylphthalate
Concen: 8.719 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.02 min
Lab File: BF121152.D
Acq: 31 Jul 2020 12:21

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-067

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.4
164	10.4	8.4	12.6

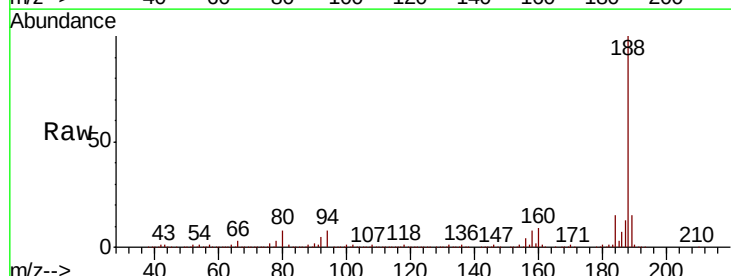


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

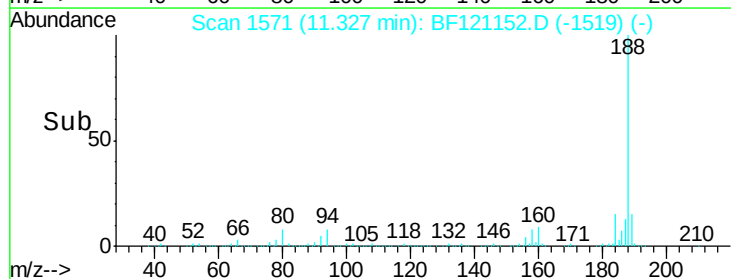
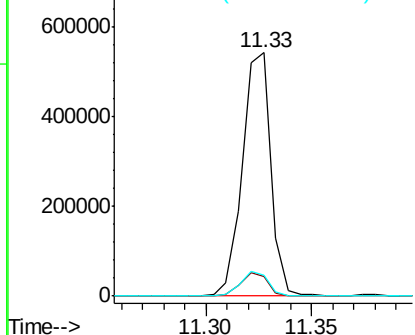


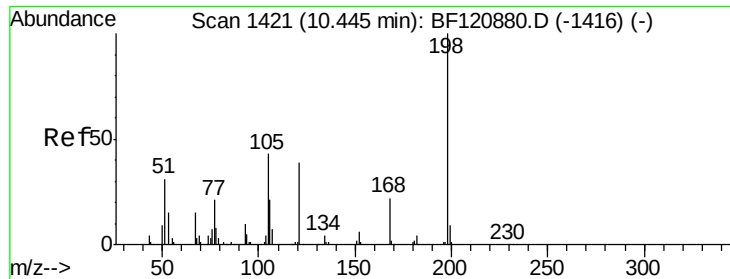
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.01 min
Lab File: BF121152.D
Acq: 31 Jul 2020 12:21

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.2	8.0	12.0
80	8.4	8.3	12.5



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

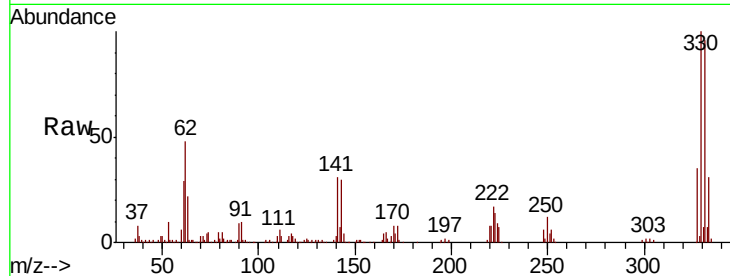




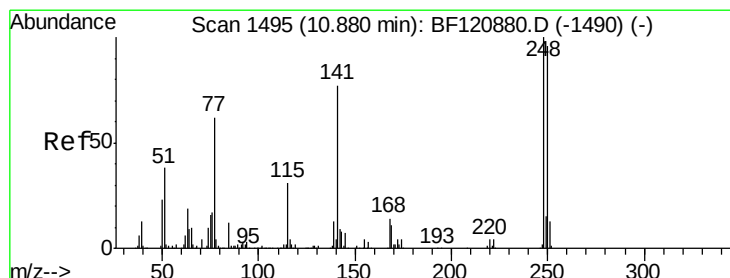
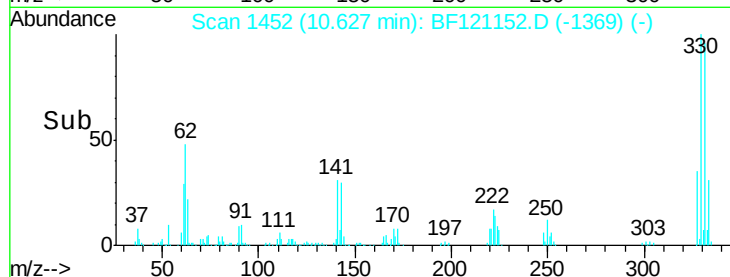
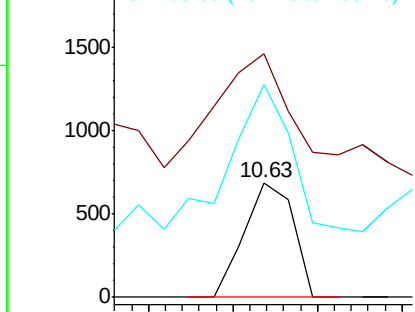
#65
 4,6-Dinitro-2-methylphenol
 Concen: 4.016 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. 0.19 min
 Lab File: BF121152.D
 Acq: 31 Jul 2020 12:21

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-067

Tot Ion:198 Resp: 556
 Ion Ratio Lower Upper
 198 100
 51 212.8 23.4 63.4#
 105 186.3 23.7 63.7#

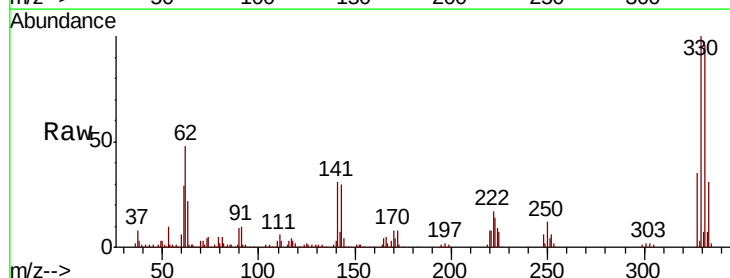


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

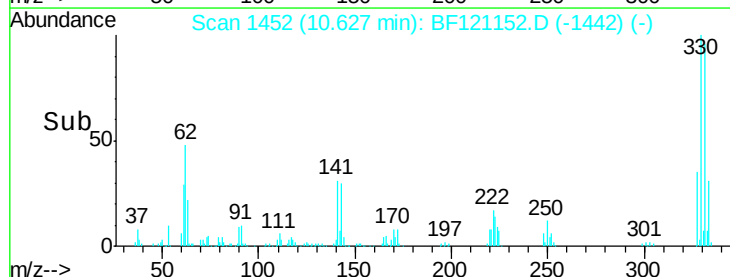
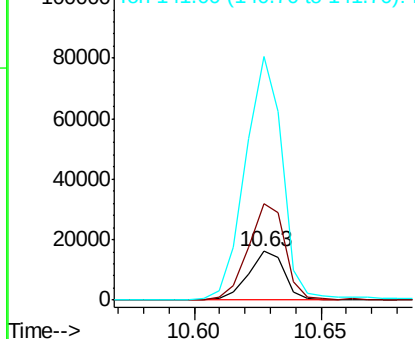


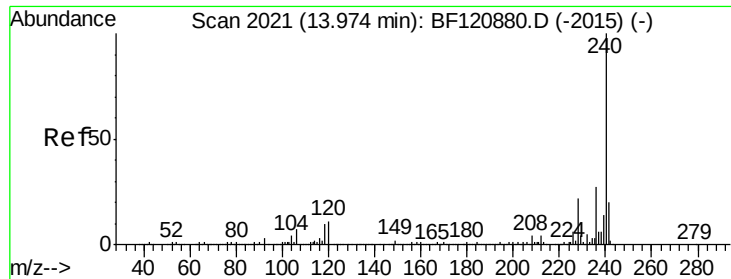
#67
 4-Bromophenyl-phenylether
 Concen: 2.821 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.24 min
 Lab File: BF121152.D
 Acq: 31 Jul 2020 12:21

Tgt Ion:248 Resp: 15993
 Ion Ratio Lower Upper
 248 100
 250 198.8 77.0 115.6#
 141 501.3 56.6 85.0#



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

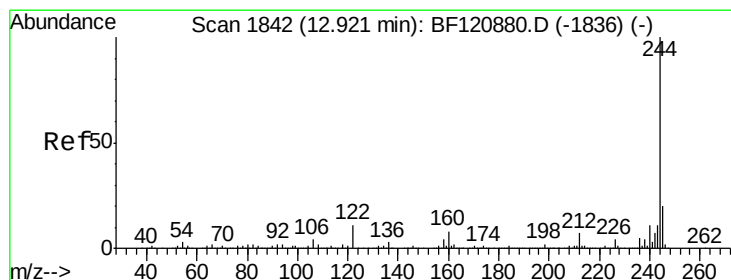
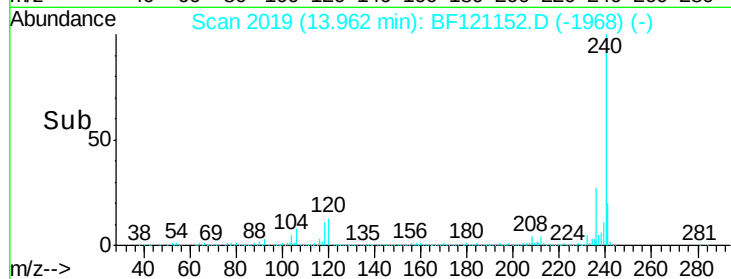
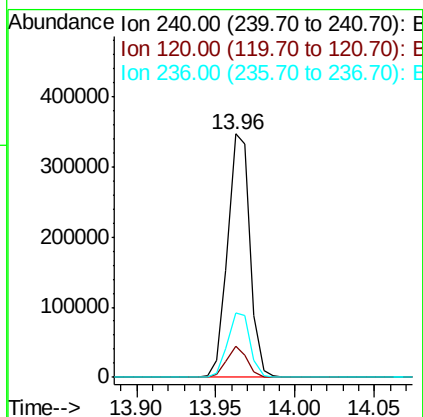
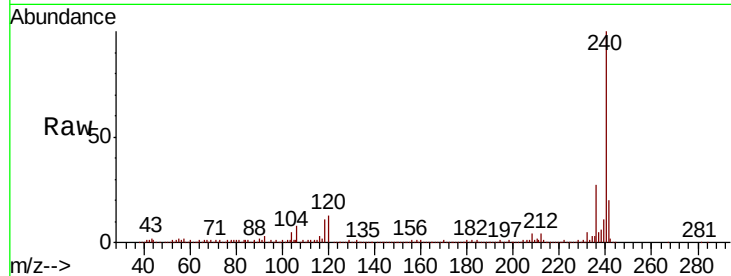




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.00 min
 Lab File: BF121152.D
 Acq: 31 Jul 2020 12:21

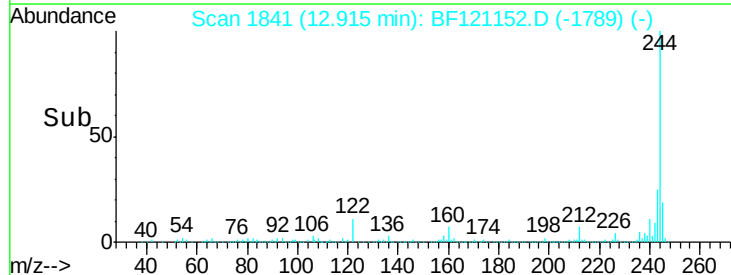
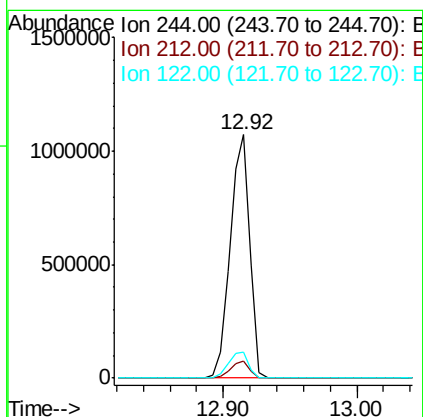
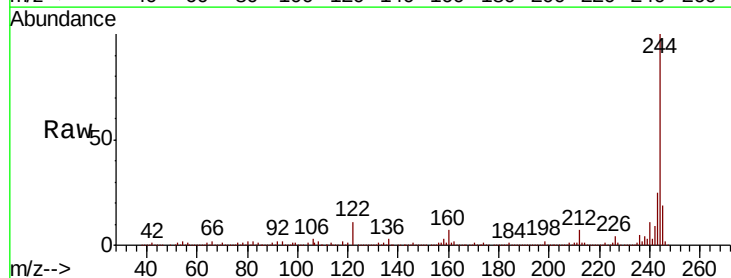
Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-067

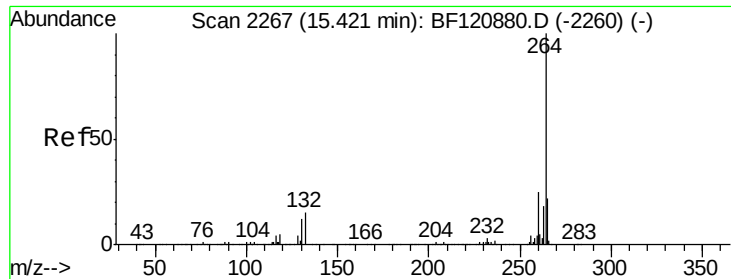
Tot Ion:240 Resp: 339531
 Ion Ratio Lower Upper
 240 100
 120 12.7 9.3 13.9
 236 26.7 21.1 31.7



#79
 Terphenyl-d14
 Concen: 70.532 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.01 min
 Lab File: BF121152.D
 Acq: 31 Jul 2020 12:21

Tgt Ion:244 Resp: 1101667
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 10.8 8.3 12.5





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.02 min
Lab File: BF121152.D
Acq: 31 Jul 2020 12:21

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-067

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.9	29.9
265	21.2	17.8	26.8

