

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060619\
 Data File : BF114853.D
 Acq On : 6 Jun 2019 10:51
 Operator : HP/JU
 Sample : 3163-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-060419-B

Quant Time: Jun 06 23:58:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 04 16:57:15 2019
 Response via : Initial Calibration

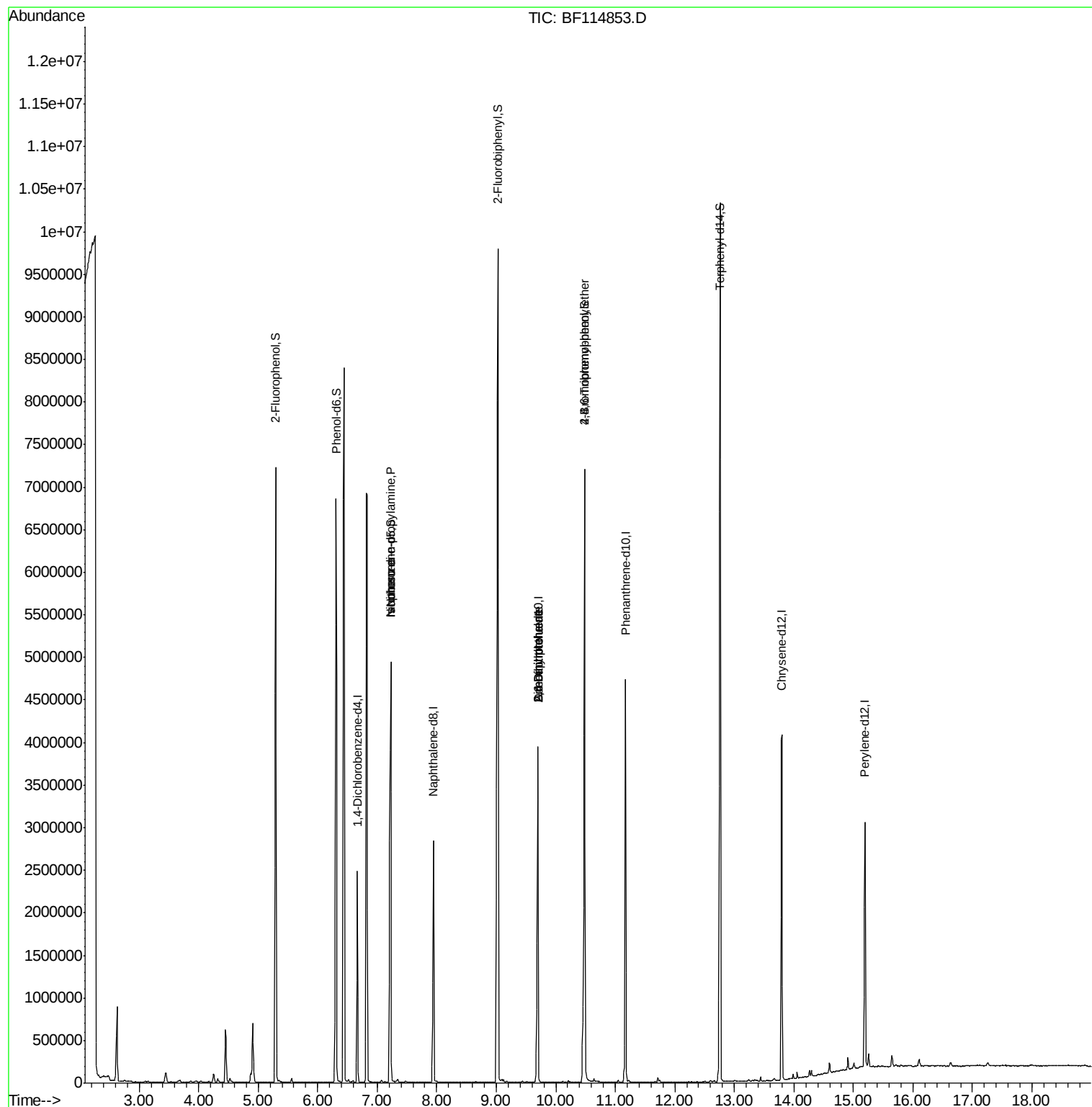
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	469099	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	1861195	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	964217	20.00	ng	0.00
64) Phenanthrene-d10	11.17	188	1912200	20.00	ng	0.00
76) Chrysene-d12	13.80	240	1404510	20.00	ng	0.00
87) Perylene-d12	15.20	264	1348227	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	2804535	104.47	ng	0.04
7) Phenol-d6	6.31	99	3124026	95.63	ng	0.00
23) Nitrobenzene-d5	7.23	82	2513249	83.12	ng	0.00
42) 2,4,6-Tribromophenol	10.49	330	1274233	122.63	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	4716418	91.63	ng	0.00
79) Terphenyl-d14	12.76	244	4801395	66.48	ng	0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.23	70	336559	15.564	ng	# 78
25) Isophorone	7.23	82	2334890	39.063	ng	# 61
50) Dimethylphthalate	9.70	163	276158	3.921	ng	# 1
51) 2,6-Dinitrotoluene	9.70	165	126864	7.660	ng	# 32
57) 2,4-Dinitrotoluene	9.70	165	126864	6.093	ng	# 32
58) Fluorene	10.24	166	2130	Below Cal		# 92
67) 4-Bromophenyl-phenylether	10.49	248	81963	3.774	ng	# 1

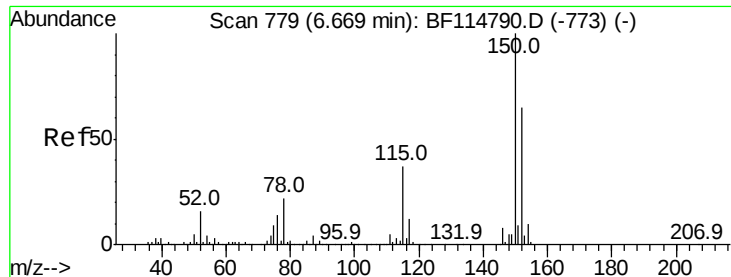
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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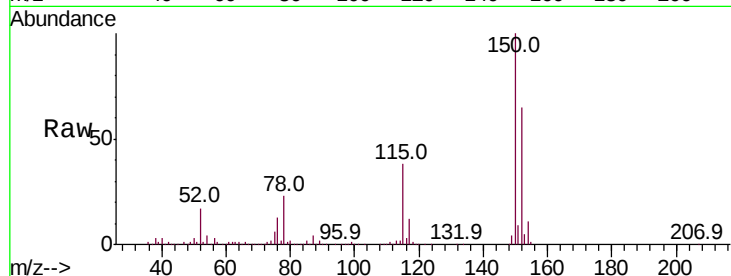


#1

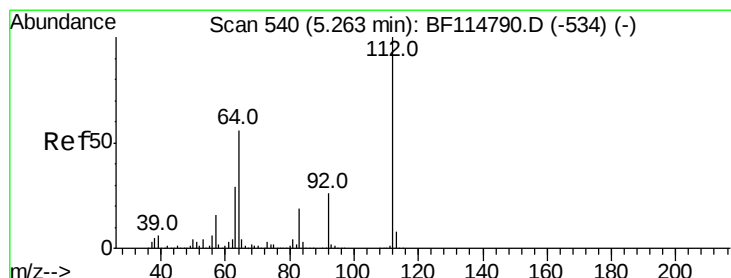
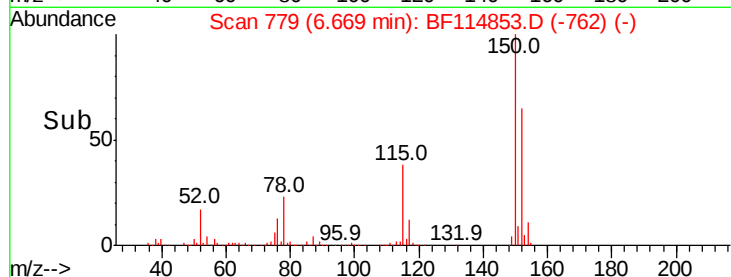
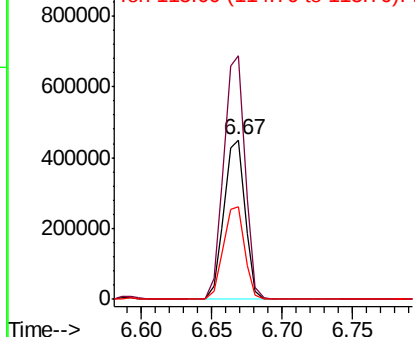
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 779
Delta R.T. -0.00 min
Lab File: BF114853.D
Acq: 6 Jun 2019 10:51

Instrument :
BNA_F
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SU-02-060419-B

Tot Ion:152 Resp: 469099
Ion Ratio Lower Upper
152 100
150 153.0 124.0 186.0
115 58.1 46.3 69.5



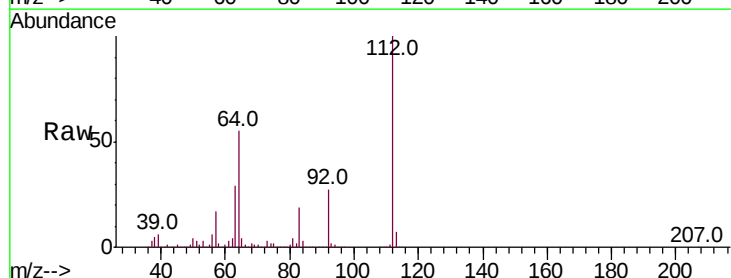
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



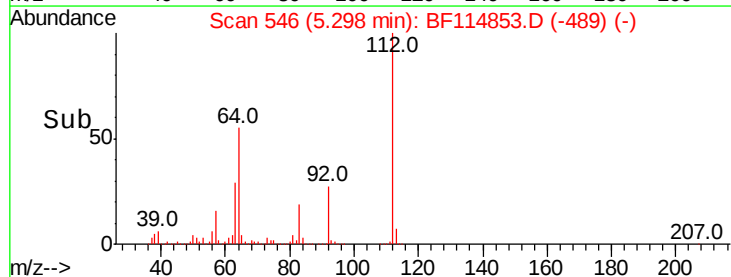
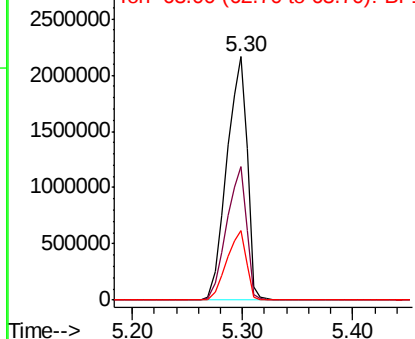
#5

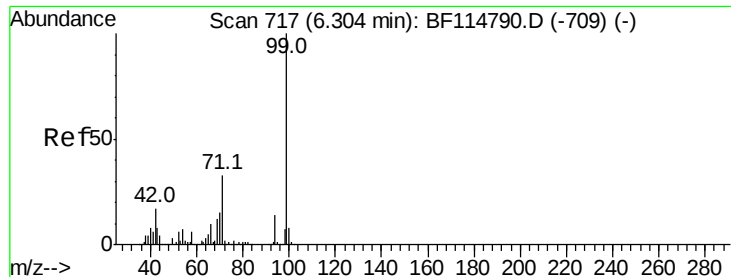
2-Fluorophenol
Concen: 104.466 ng
RT: 5.30 min Scan# 546
Delta R.T. 0.04 min
Lab File: BF114853.D
Acq: 6 Jun 2019 10:51

Tgt Ion:112 Resp: 2804535
Ion Ratio Lower Upper
112 100
64 54.7 44.6 66.8
63 28.5 23.0 34.4



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: 95.634 ng

RT: 6.31 min Scan# 718

Delta R.T. 0.01 min

Lab File: BF114853.D

Acq: 6 Jun 2019 10:51

Instrument :

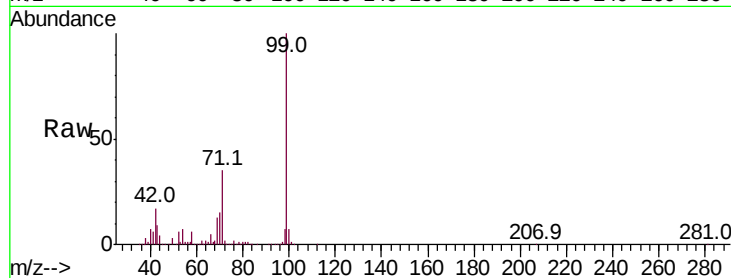
BNA_F

ClientSampleId :

SU-02-060419-B

Tot Ion: 99 Resp: 3124026

Ion	Ratio	Lower	Upper
99	100		
42	17.4	13.3	19.9
71	34.9	26.3	39.5

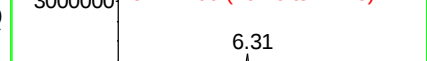


Abundance

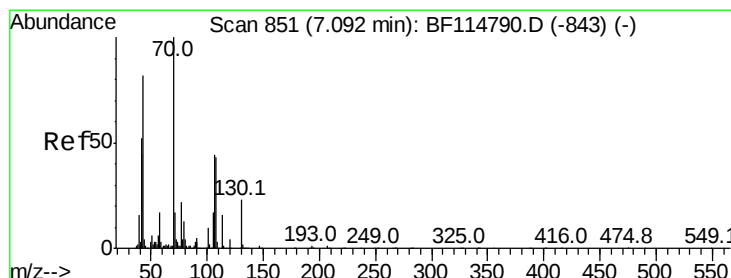
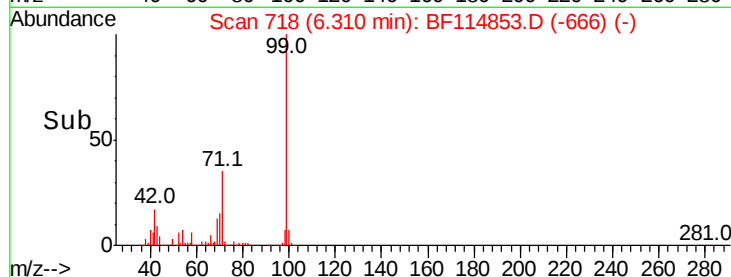
Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



Time--> 6.20 6.25 6.30 6.35 6.40



#19

n-Nitroso-di-n-propylamine

Concen: 15.564 ng

RT: 7.23 min Scan# 874

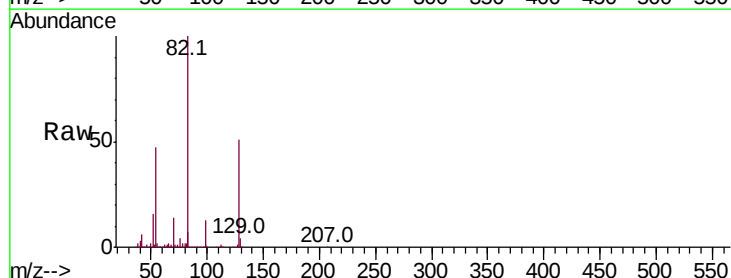
Delta R.T. 0.14 min

Lab File: BF114853.D

Acq: 6 Jun 2019 10:51

Tgt Ion: 70 Resp: 336559

Ion	Ratio	Lower	Upper
70	100		
42	43.3	41.8	62.8
101	0.0	8.2	12.4#
130	2.6	18.5	27.7#



Abundance

Ion 70.00 (69.70 to 70.70): BF1

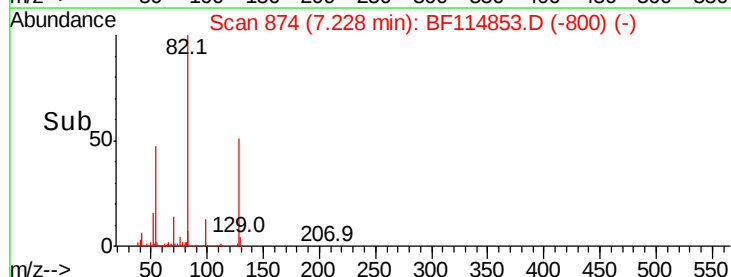
Ion 42.00 (41.70 to 42.70): BF1

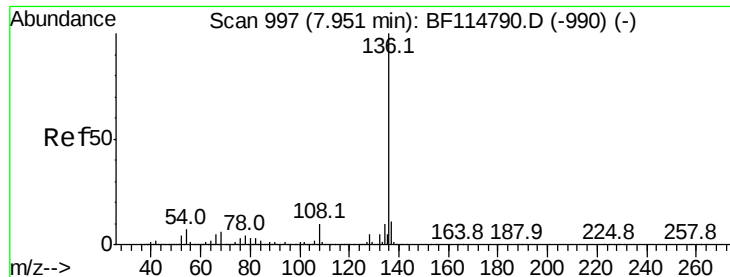
Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



Time--> 7.15 7.20 7.25 7.30

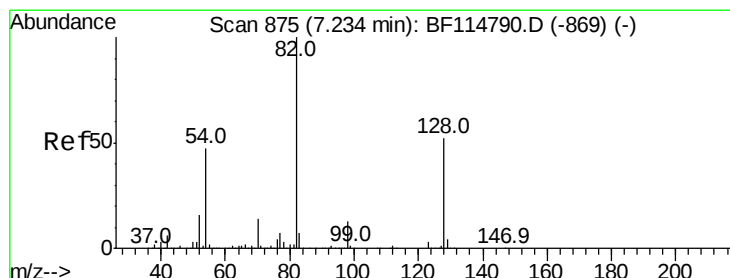
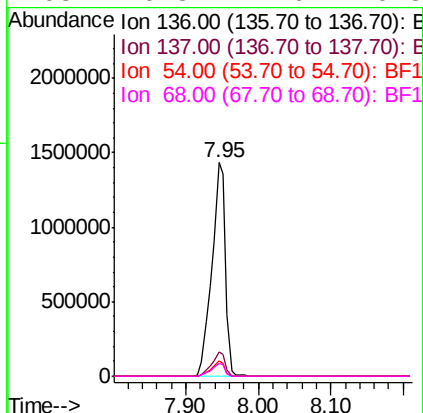
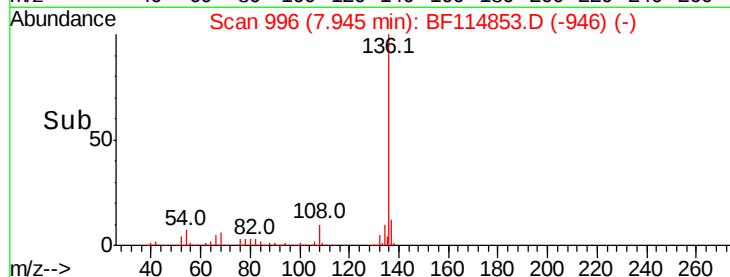
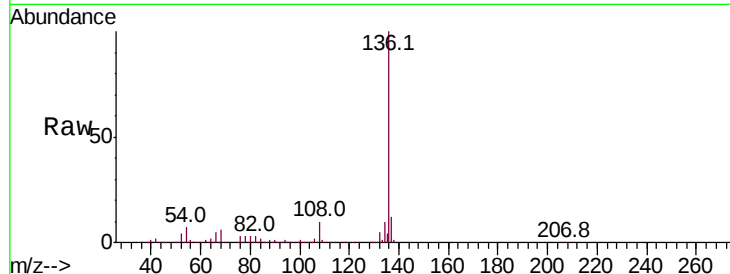




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF114853.D
Acq: 6 Jun 2019 10:51

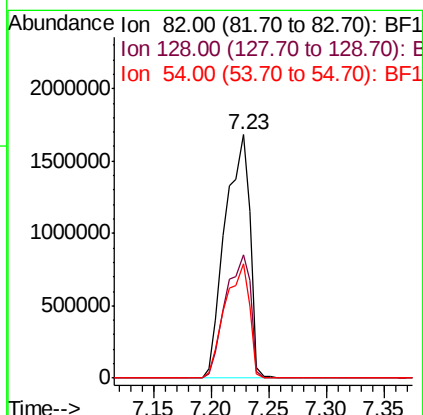
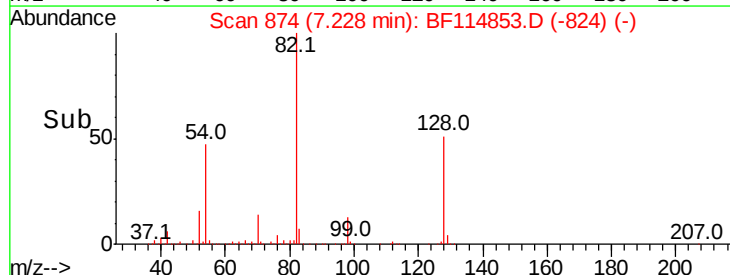
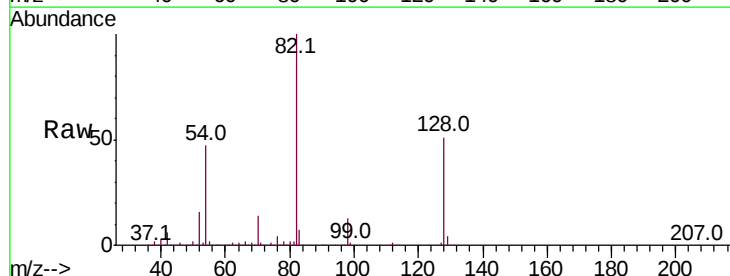
Instrument :
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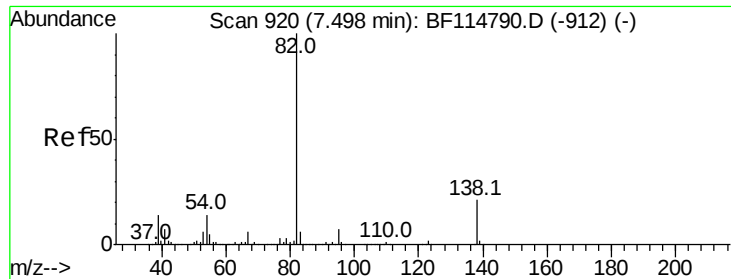
Tot Ion:	136	Resp:	1861195
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.1	13.7
54	7.3	5.4	8.0
68	6.3	4.6	6.8



#23
Nitrobenzene-d5
Concen: 83.125 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF114853.D
Acq: 6 Jun 2019 10:51

Tgt Ion:	82	Resp:	2513249
Ion	Ratio	Lower	Upper
82	100		
128	50.8	41.8	62.6
54	46.9	37.9	56.9





#25

Isophorone

Concen: 39.063 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.27 min

Lab File: BF114853.D

Acq: 6 Jun 2019 10:51

Instrument :

BNA_F

ClientSampleId :

SU-02-060419-B

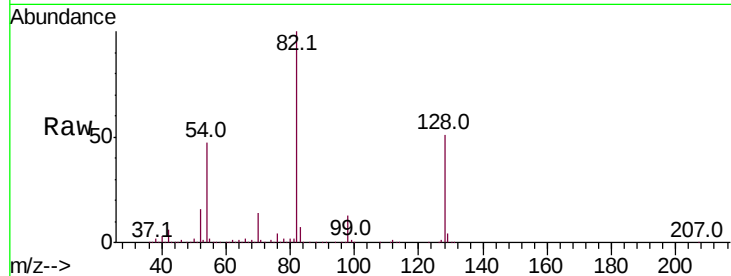
Tot Ion: 82 Resp: 2334890

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

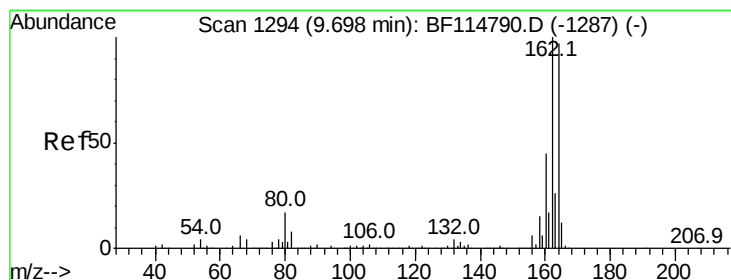
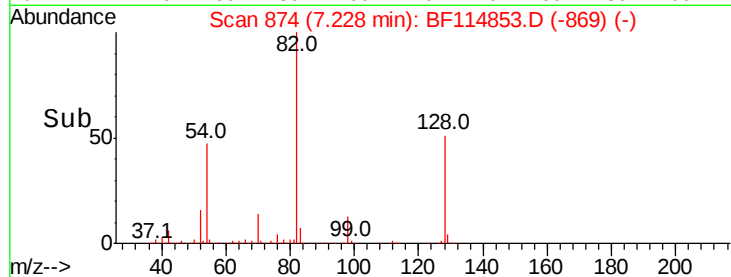
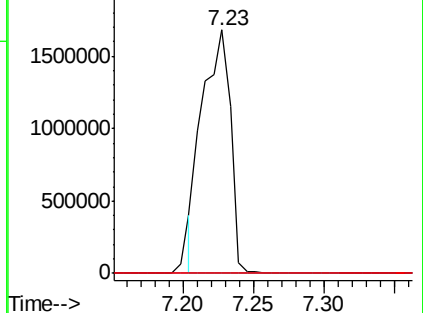
138 0.0 16.9 25.3#



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: 9.70 min Scan# 1294

Delta R.T. -0.00 min

Lab File: BF114853.D

Acq: 6 Jun 2019 10:51

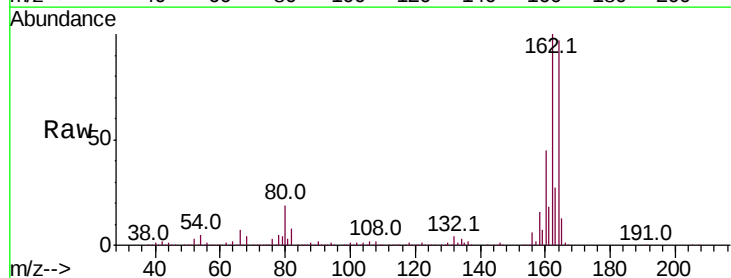
Tgt Ion:164 Resp: 964217

Ion Ratio Lower Upper

164 100

162 103.5 82.3 123.5

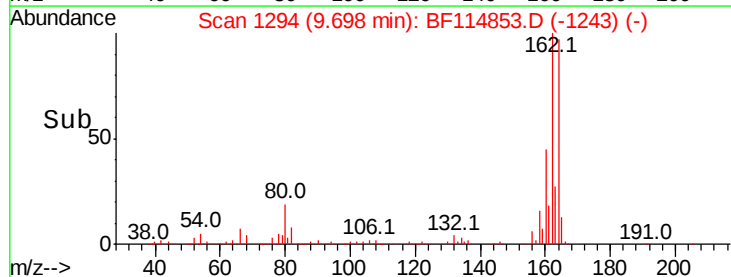
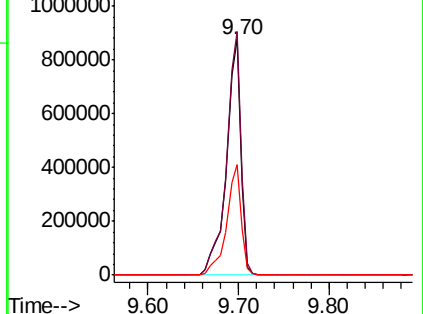
160 46.9 36.7 55.1

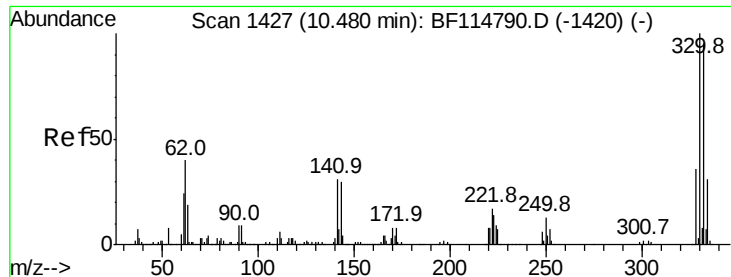


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

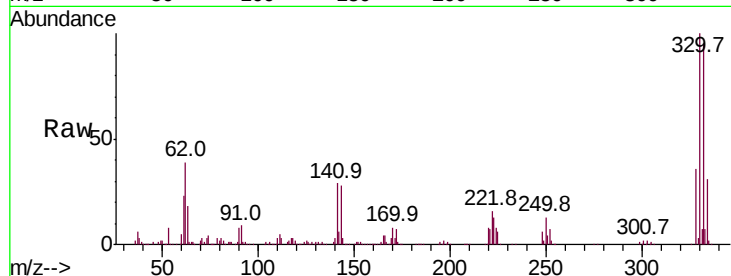




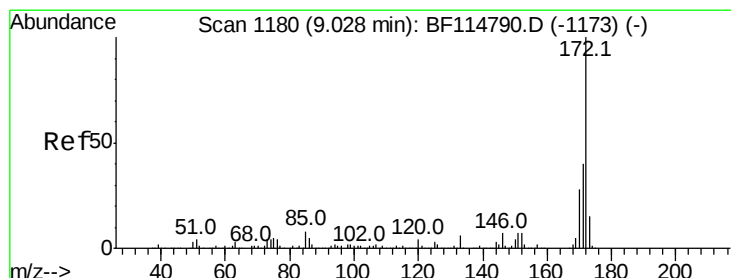
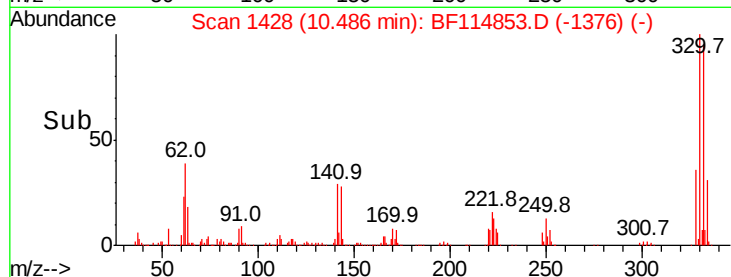
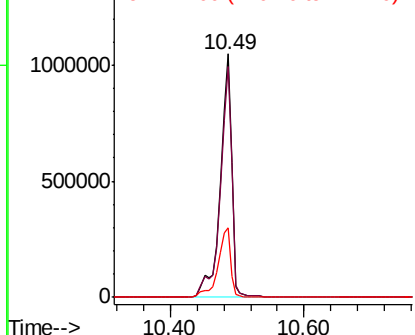
#42
 2,4,6-Tribromophenol
 Concen: 122.629 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. 0.01 min
 Lab File: BF114853.D
 Acq: 6 Jun 2019 10:51

Instrument :
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 SU-02-060419-B

Tot Ion:330 Resp: 1274233
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.3 115.9
 141 31.4 26.2 39.4

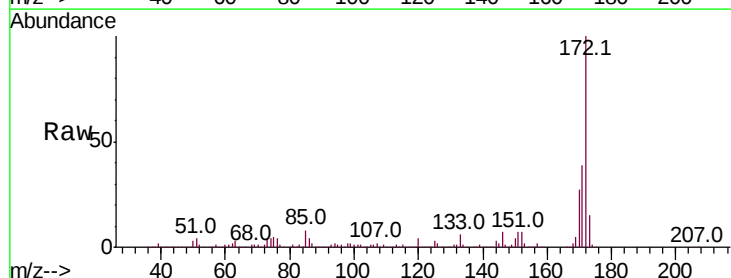


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

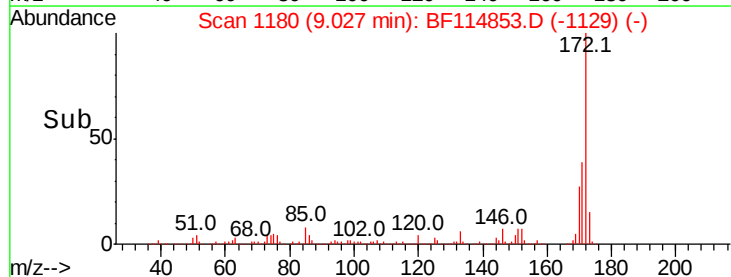
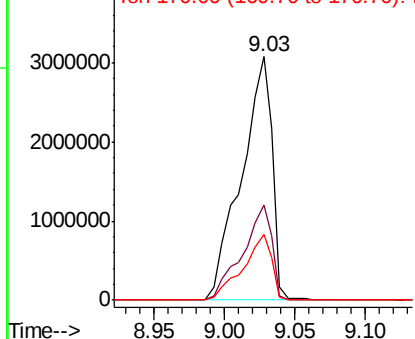


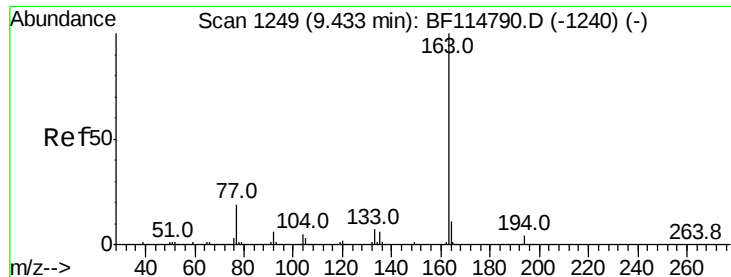
#45
 2-Fluorobiphenyl
 Concen: 91.630 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF114853.D
 Acq: 6 Jun 2019 10:51

Tgt Ion:172 Resp: 4716418
 Ion Ratio Lower Upper
 172 100
 171 39.0 32.3 48.5
 170 27.2 22.4 33.6



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: 3.921 ng

RT: 9.70 min Scan# 1294

Delta R.T. 0.26 min

Lab File: BF114853.D

Acq: 6 Jun 2019 10:51

Instrument :

BNA_F

ClientSampleId :

SU-02-060419-B

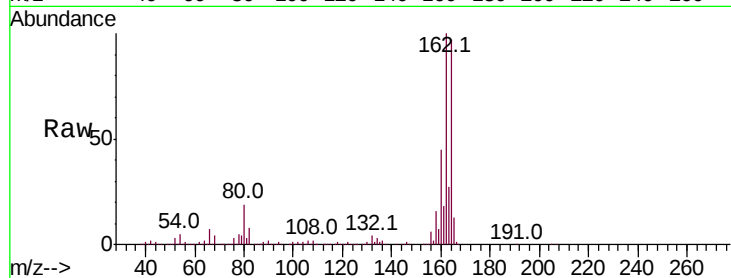
Tot Ion:163 Resp: 276158

Ion Ratio Lower Upper

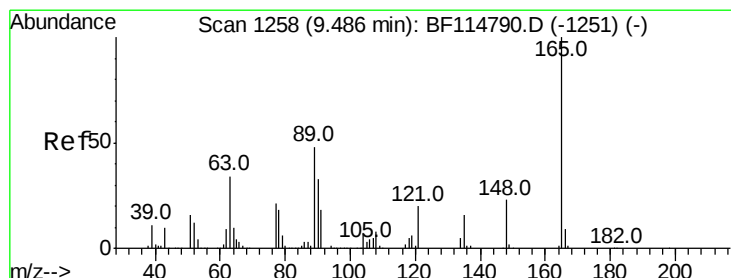
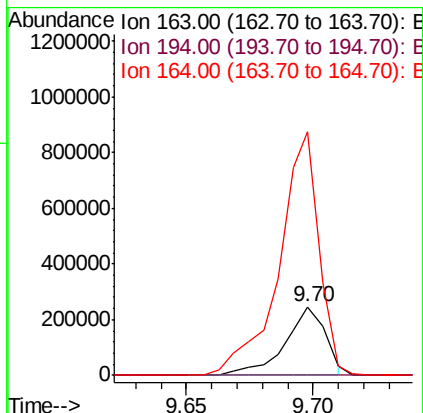
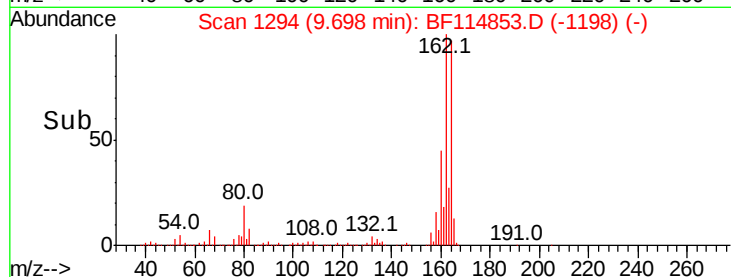
163 100

194 0.0 3.4 5.2#

164 355.3 8.6 13.0#



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: 7.660 ng

RT: 9.70 min Scan# 1294

Delta R.T. 0.21 min

Lab File: BF114853.D

Acq: 6 Jun 2019 10:51

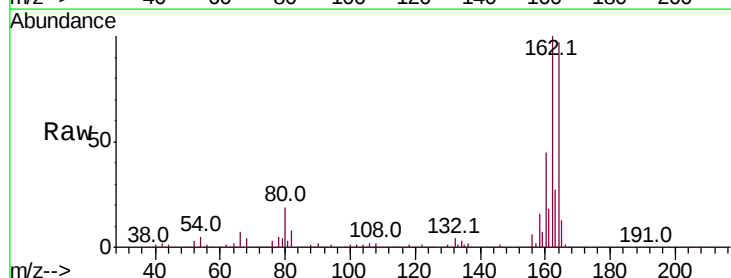
Tgt Ion:165 Resp: 126864

Ion Ratio Lower Upper

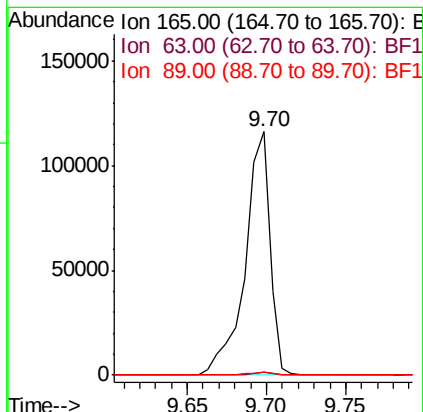
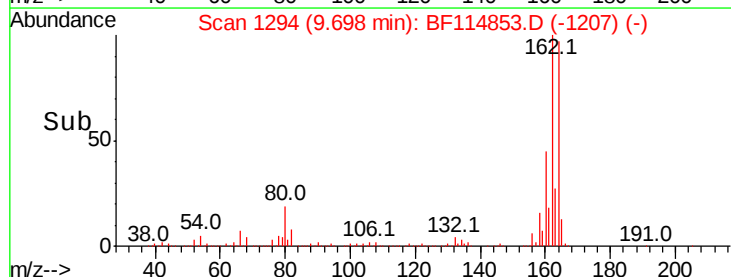
165 100

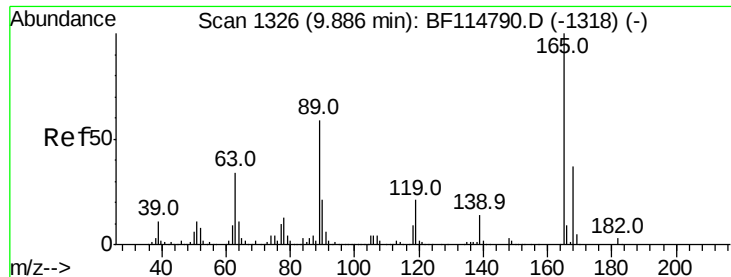
63 1.1 35.1 52.7#

89 1.3 38.2 57.2#



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

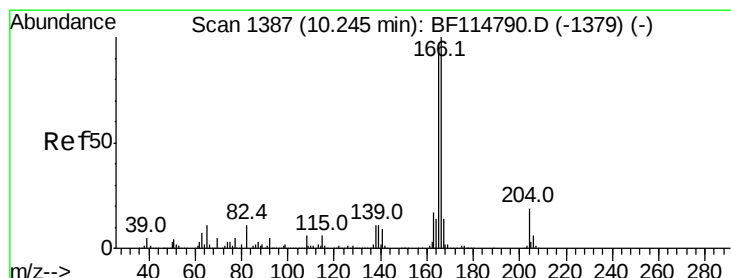
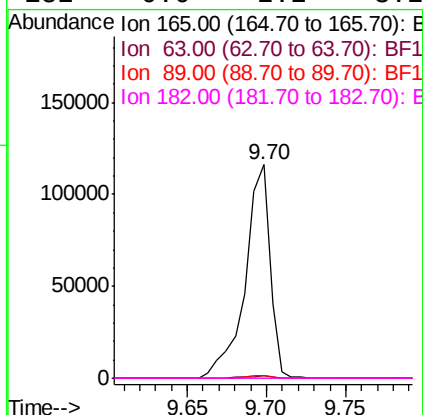
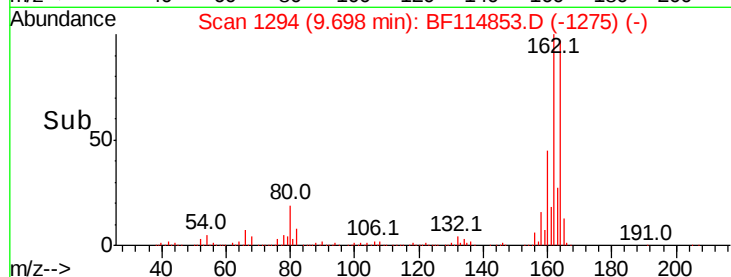
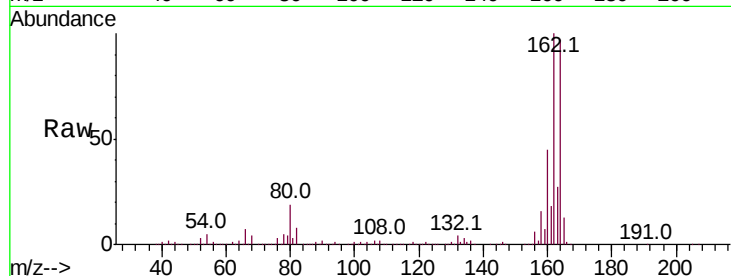




#57
 2,4-Dinitrotoluene
 Concen: 6.093 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. -0.19 min
 Lab File: BF114853.D
 Acq: 6 Jun 2019 10:51

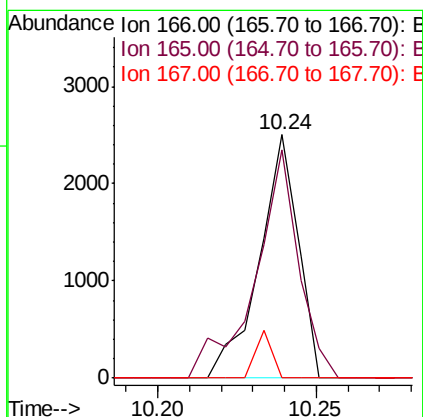
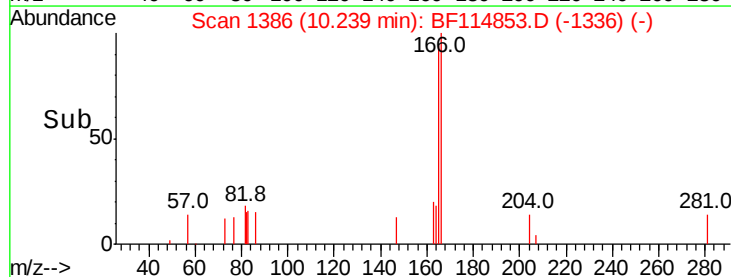
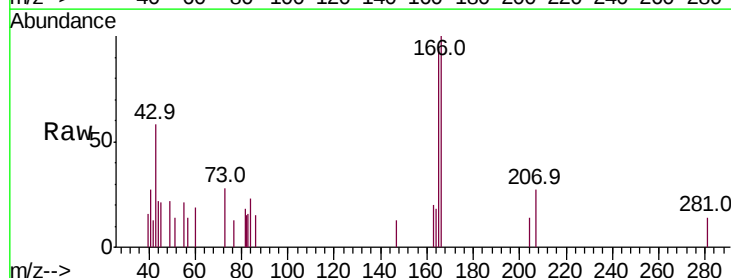
Instrument :
 BNA_F
 ClientSampleId :
 SU-02-060419-B

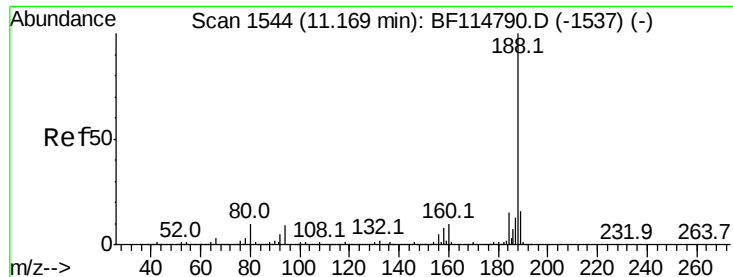
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	27.0	40.4#
89	1.3	47.0	70.6#
182	0.0	2.2	3.2#



#58
 Fluorene
 Concen: Below Cal
 RT: 10.24 min Scan# 1386
 Delta R.T. -0.01 min
 Lab File: BF114853.D
 Acq: 6 Jun 2019 10:51

Tgt Ion	Ratio	Lower	Upper
166	100		
165	93.7	77.9	116.9
167	0.0	11.3	16.9#

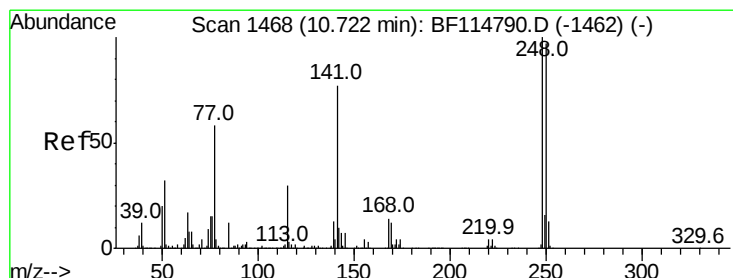
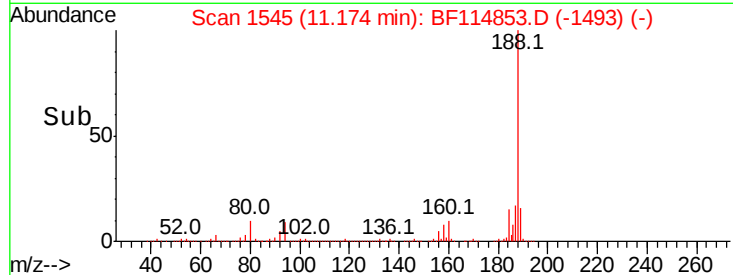
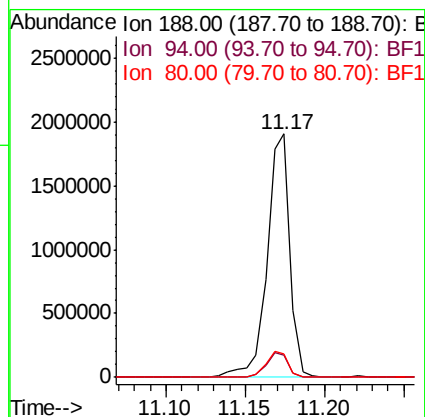
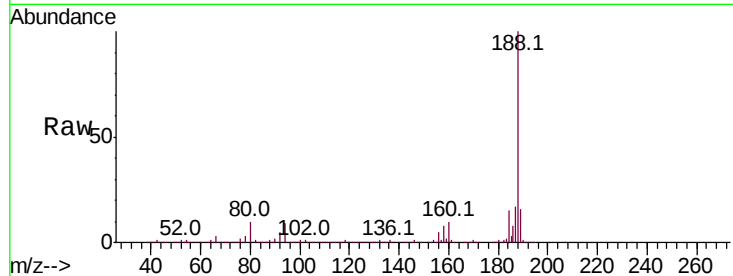




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.17 min Scan# 1545
Delta R.T. 0.01 min
Lab File: BF114853.D
Acq: 6 Jun 2019 10:51

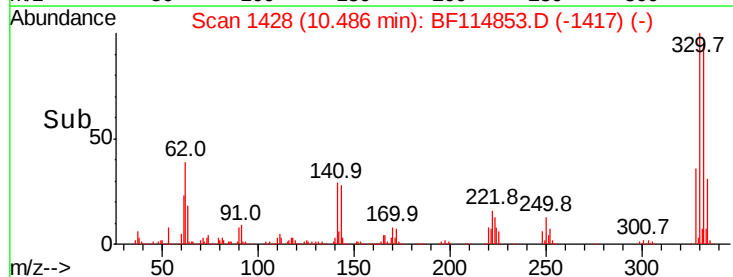
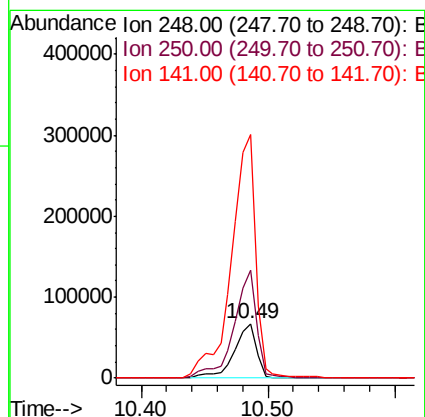
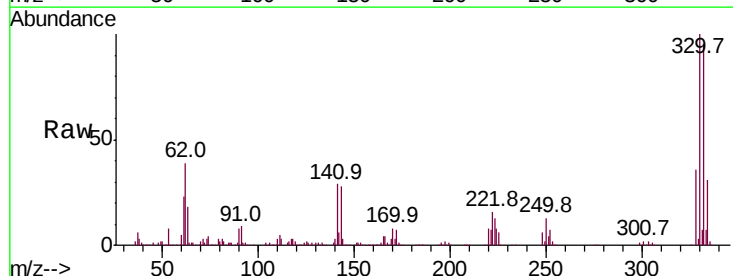
Instrument :
BNA_F
ClientSampleId :
SU-02-060419-B

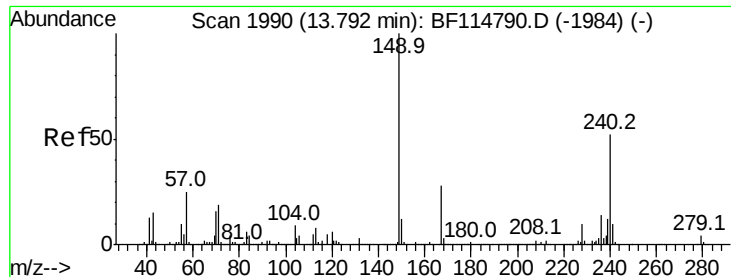
Tot Ion:188 Resp: 1912200
Ion Ratio Lower Upper
188 100
94 9.3 7.6 11.4
80 9.6 8.3 12.5



#67
4-Bromophenyl-phenylether
Concen: 3.774 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.24 min
Lab File: BF114853.D
Acq: 6 Jun 2019 10:51

Tgt Ion:248 Resp: 81963
Ion Ratio Lower Upper
248 100
250 196.4 77.5 116.3#
141 444.2 61.8 92.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.80 min Scan# 1991

Delta R.T. 0.01 min

Lab File: BF114853.D

Acq: 6 Jun 2019 10:51

Instrument :

BNA_F

ClientSampleId :

SU-02-060419-B

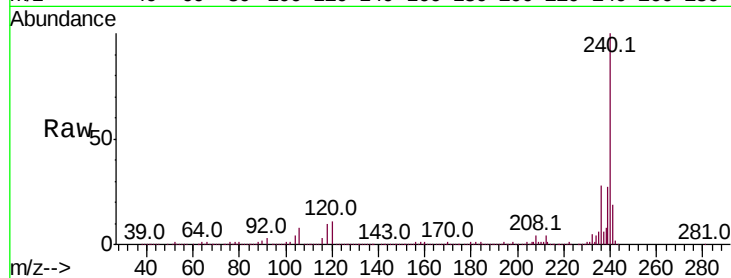
Tot Ion:240 Resp: 1404510

Ion Ratio Lower Upper

240 100

120 11.4 9.0 13.4

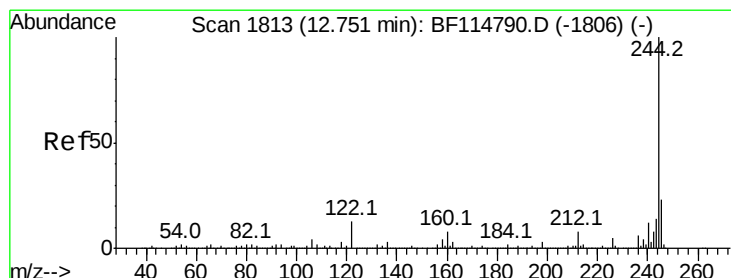
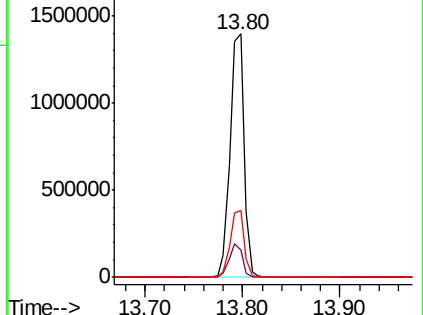
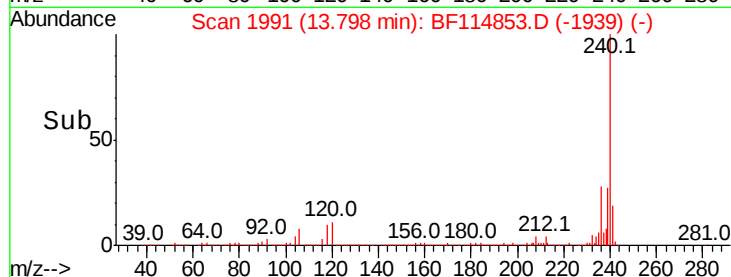
236 27.6 21.4 32.0



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: 66.483 ng

RT: 12.76 min Scan# 1815

Delta R.T. 0.01 min

Lab File: BF114853.D

Acq: 6 Jun 2019 10:51

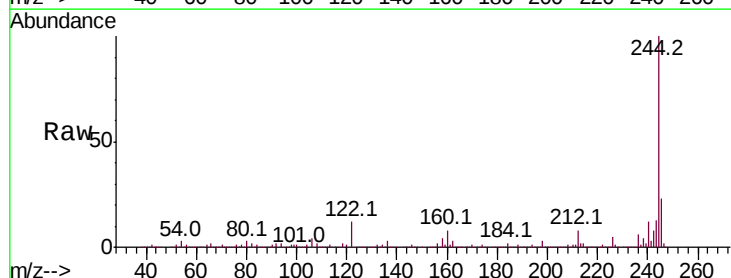
Tgt Ion:244 Resp: 4801395

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

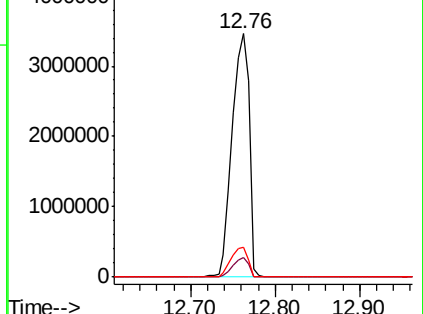
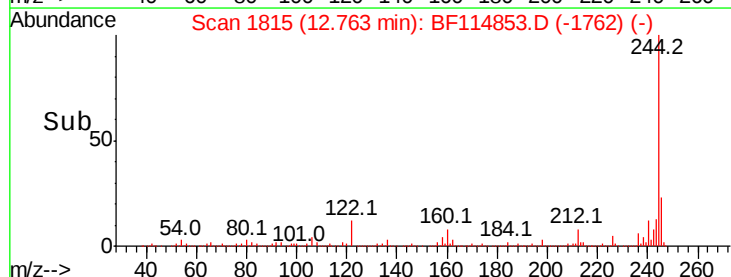
122 12.3 10.5 15.7

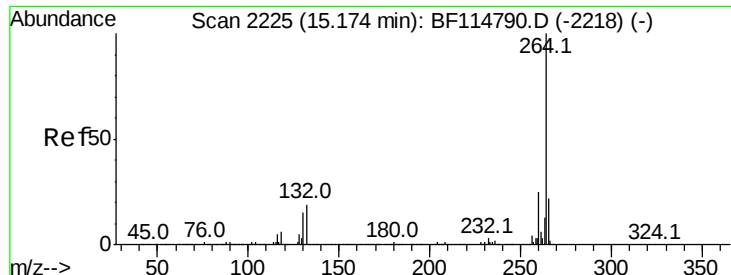


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.20 min Scan# 2229
Delta R.T. 0.02 min
Lab File: BF114853.D
Acq: 6 Jun 2019 10:51

Instrument :
BNA_F
ClientSampleId :
SU-02-060419-B

Tot Ion:264 Resp: 1348227

Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.1	30.1
265	22.1	17.7	26.5

