

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060519\
 Data File : BF114808.D
 Acq On : 5 Jun 2019 9:33
 Operator : HP/JU
 Sample : K2641-14RE
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 05 11:39:39 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

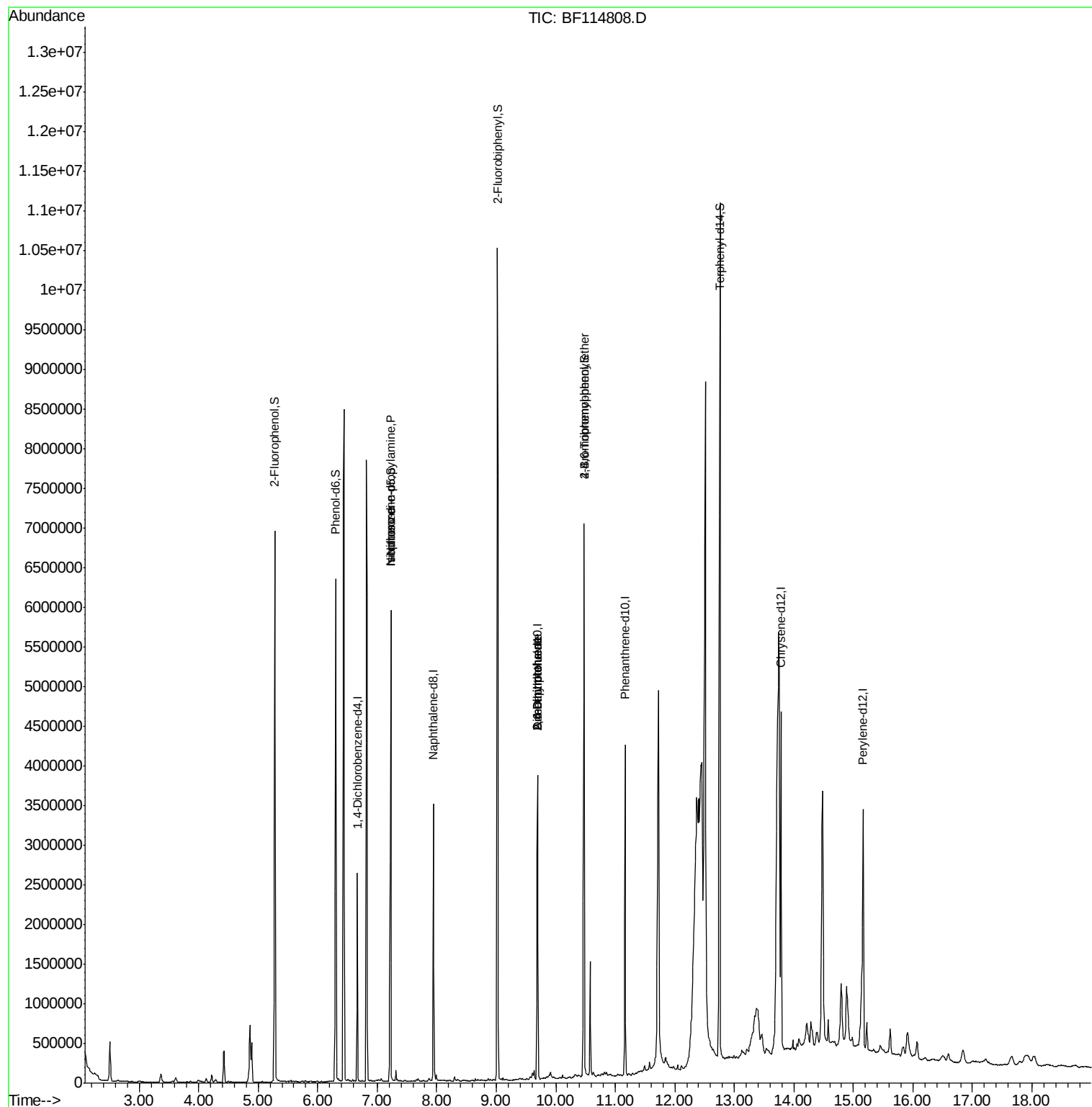
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	388599	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	1480192	20.00	ng	0.00
39) Acenaphthene-d10	9.69	164	765617	20.00	ng	0.00
64) Phenanthrene-d10	11.16	188	1554750	20.00	ng	0.00
76) Chrysene-d12	13.79	240	1286524	20.00	ng	0.00
87) Perylene-d12	15.16	264	1227926	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	2305978	103.69	ng	0.02
7) Phenol-d6	6.30	99	2525739	93.34	ng	0.00
23) Nitrobenzene-d5	7.23	82	1954925	81.30	ng	0.00
42) 2,4,6-Tribromophenol	10.47	330	1016725	123.23	ng	0.00
45) 2-Fluorobiphenyl	9.02	172	3553497	86.95	ng	0.00
79) Terphenyl-d14	12.76	244	4241525	64.12	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.23	70	262725	14.667	ng	# 78
25) Isophorone	7.23	82	1923022	40.454	ng	# 61
50) Dimethylphthalate	9.69	163	217482	3.889	ng	# 1
51) 2,6-Dinitrotoluene	9.69	165	99189	7.543	ng	# 33
57) 2,4-Dinitrotoluene	9.69	165	99189	6.000	ng	# 33
58) Fluorene	10.23	166	4252	Below Cal		# 81
67) 4-Bromophenyl-phenylether	10.47	248	67181	3.805	ng	# 1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060519\
Data File : BF114808.D
Acq On : 5 Jun 2019 9:33
Operator : HP/JU
Sample : K2641-14RE
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jun 05 11:39:39 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



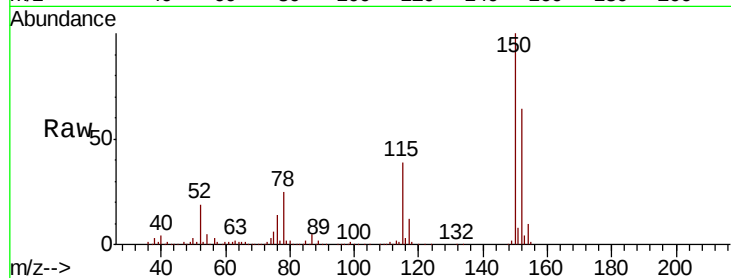


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF114808.D
Acq: 5 Jun 2019 9:33

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.0	186.0
115	61.4	46.3	69.5

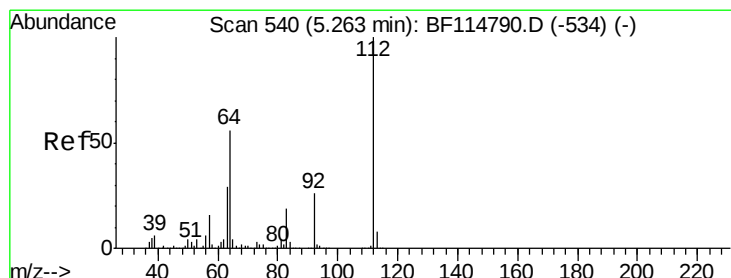
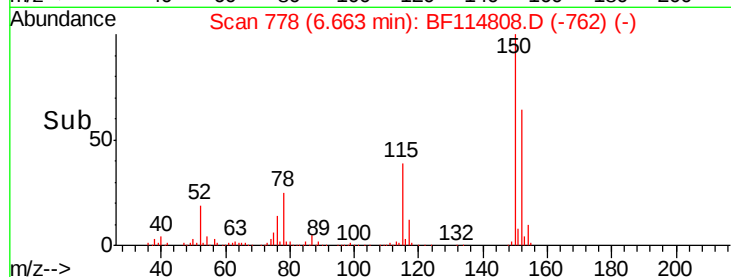
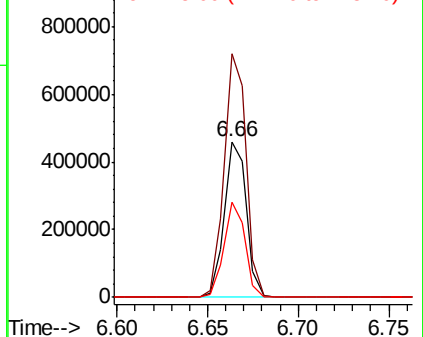


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

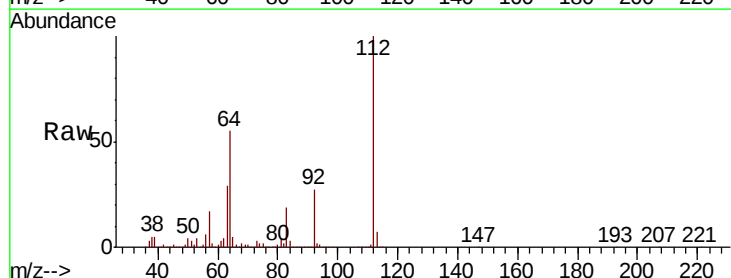
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 103.689 ng
RT: 5.28 min Scan# 543
Delta R.T. 0.02 min
Lab File: BF114808.D
Acq: 5 Jun 2019 9:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.3	44.6	66.8
63	28.7	23.0	34.4

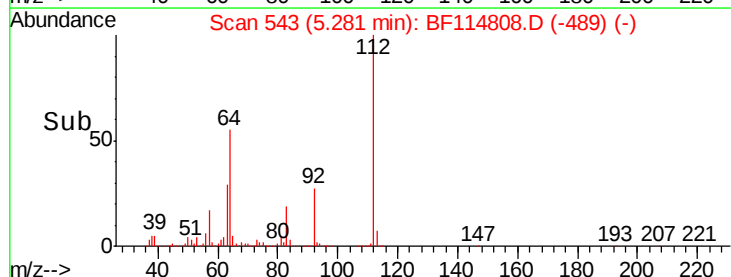
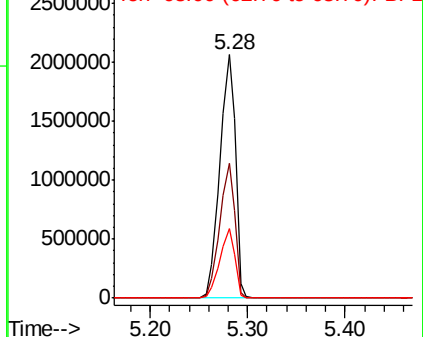


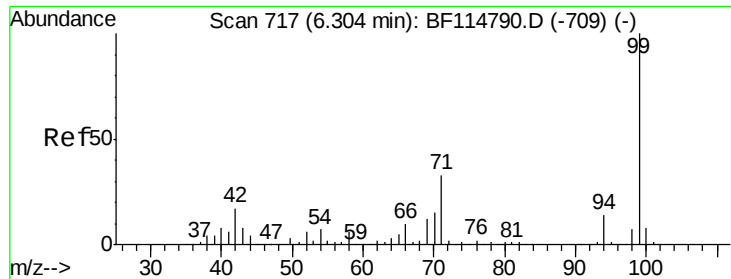
Abundance

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: 93.336 ng

RT: 6.30 min Scan# 717

Delta R.T. 0.00 min

Lab File: BF114808.D

Acq: 5 Jun 2019 9:33

Instrument :

BNA_F

ClientSampleId :

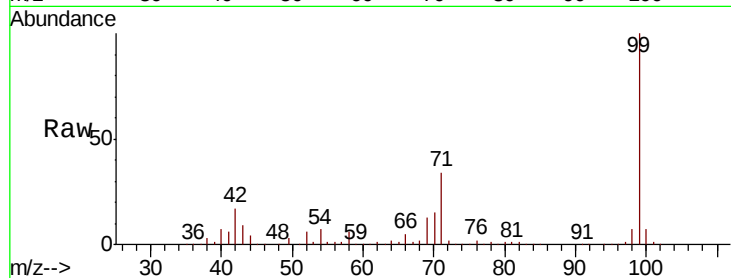
Tot Ion: 99 Resp: 2525739

Ion Ratio Lower Upper

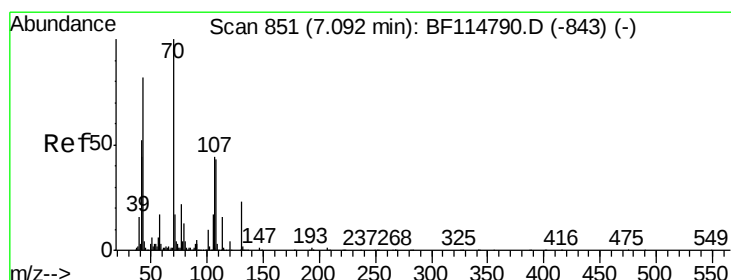
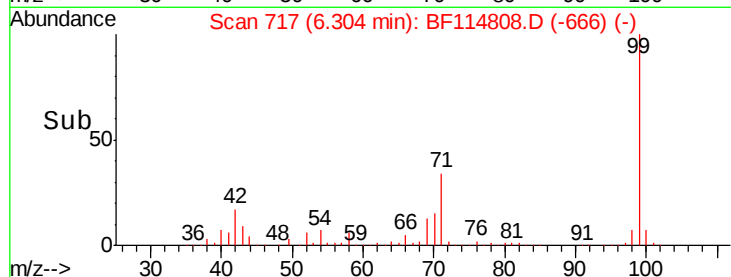
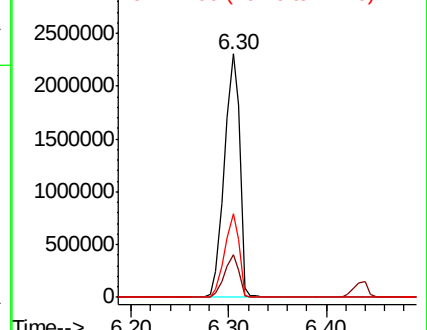
99 100

42 17.4 13.3 19.9

71 34.2 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



#19

n-Nitroso-di-n-propylamine

Concen: 14.667 ng

RT: 7.23 min Scan# 874

Delta R.T. 0.14 min

Lab File: BF114808.D

Acq: 5 Jun 2019 9:33

Tgt Ion: 70 Resp: 262725

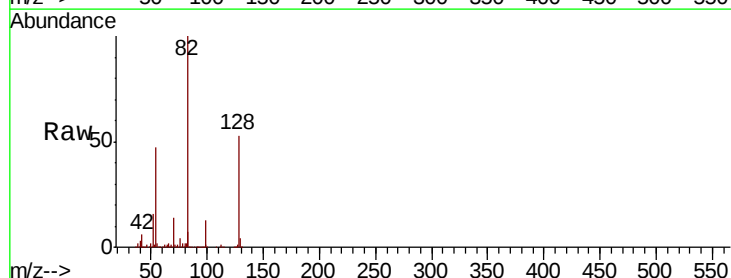
Ion Ratio Lower Upper

70 100

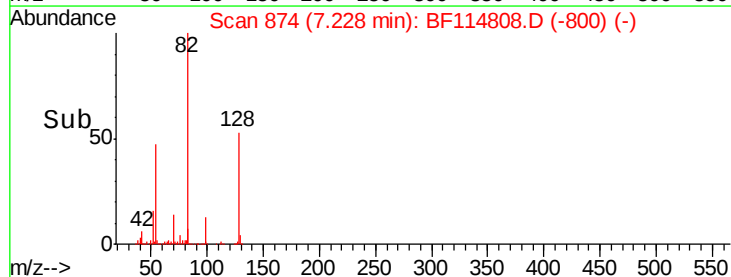
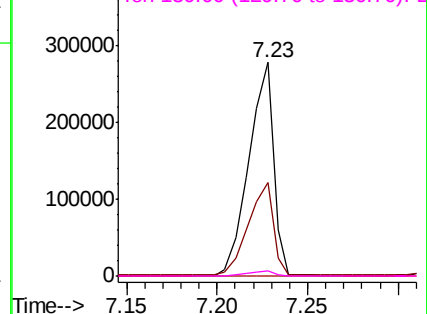
42 44.0 41.8 62.8

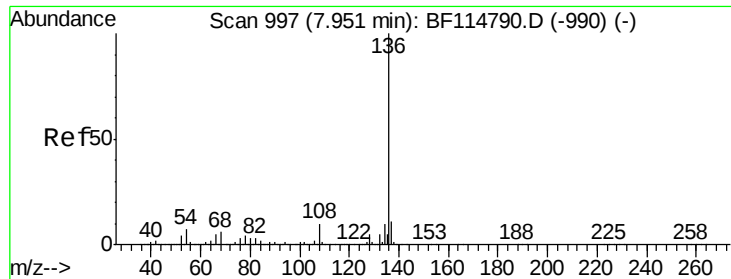
101 0.0 8.2 12.4#

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

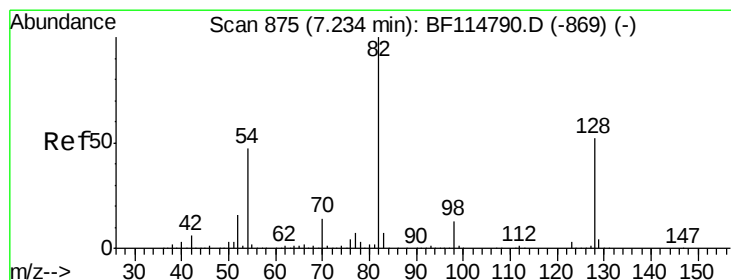
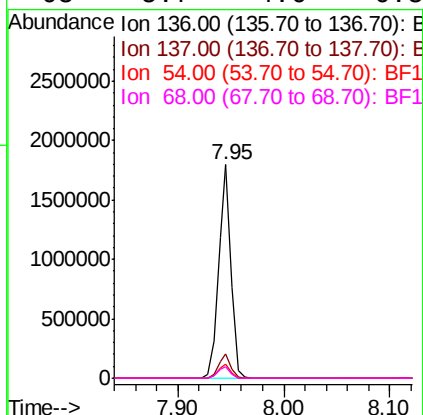
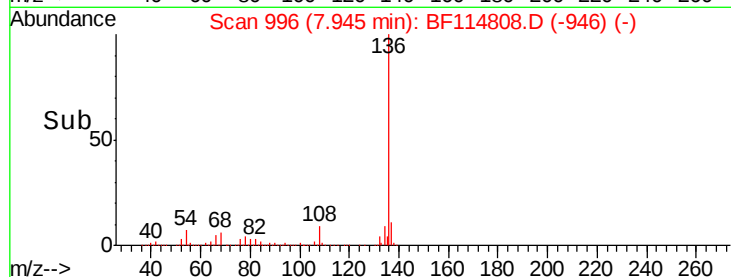
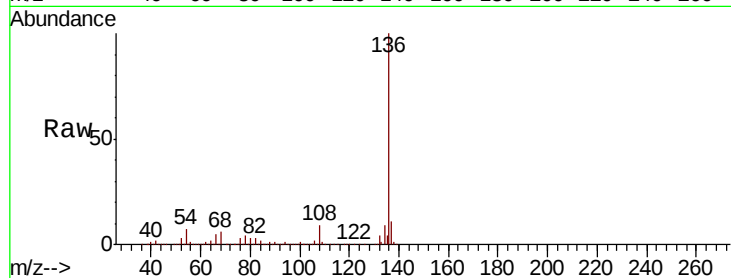




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF114808.D
Acq: 5 Jun 2019 9:33

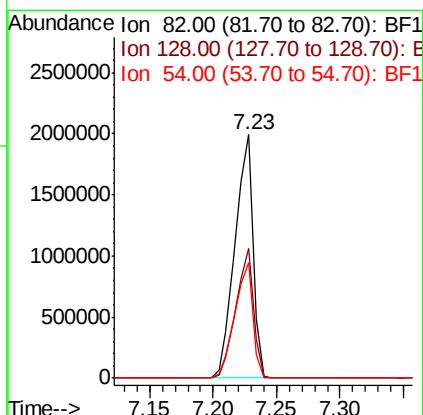
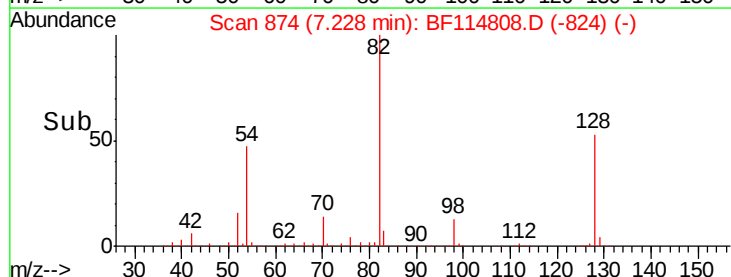
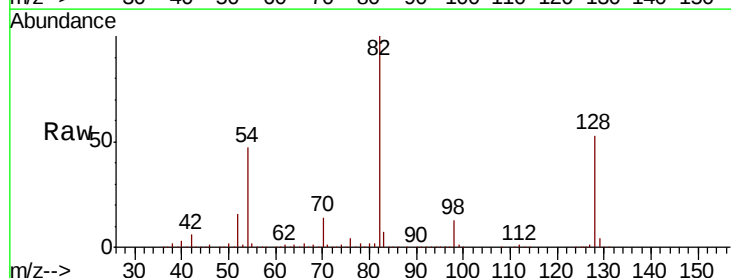
Instrument :
BNA_F
ClientSampled :

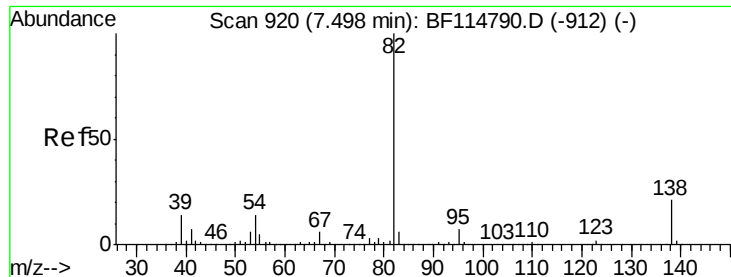
Tot Ion:136	Resp: 1480192
Ion Ratio	Lower Upper
136 100	
137 11.3	9.1 13.7
54 6.7	5.4 8.0
68 5.7	4.6 6.8



#23
Nitrobenzene-d5
Concen: 81.302 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF114808.D
Acq: 5 Jun 2019 9:33

Tgt	Ion: 82	Resp: 1954925	
Ion	Ratio	Lower	Upper
82	100		
128	53.4	41.8	62.6
54	47.3	37.9	56.9





#25

Isophorone

Concen: 40.454 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.27 min

Lab File: BF114808.D

Acq: 5 Jun 2019 9:33

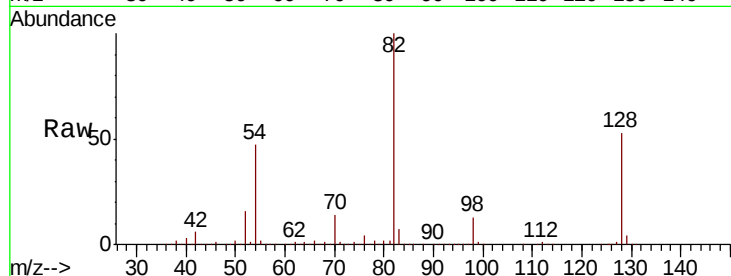
Instrument :

BNA_F

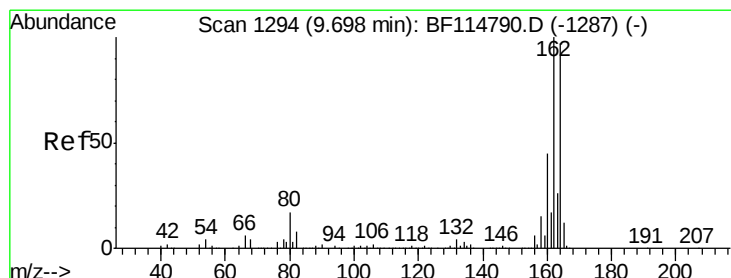
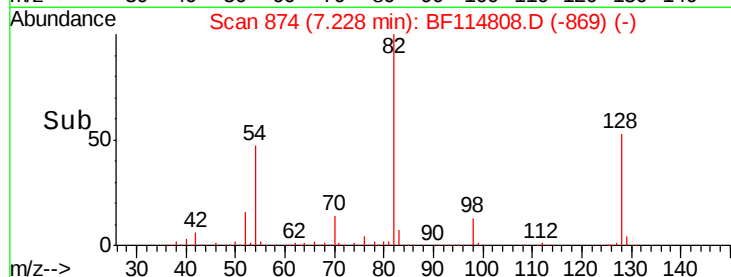
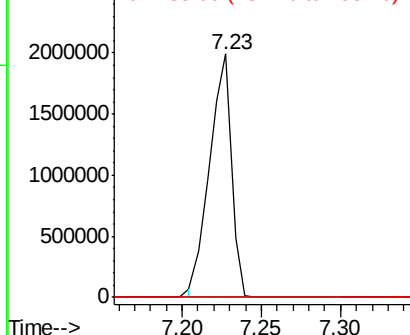
ClientSampled :

Tot Ion: 82 Resp: 1923022

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: 9.69 min Scan# 1293

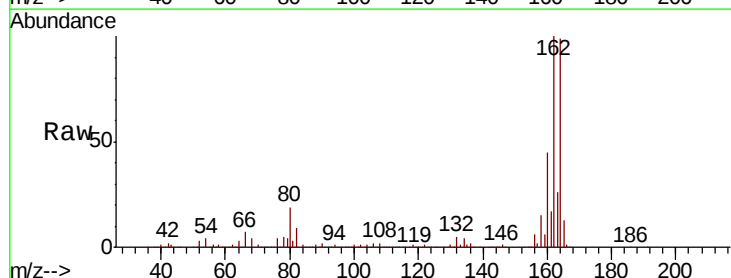
Delta R.T. -0.01 min

Lab File: BF114808.D

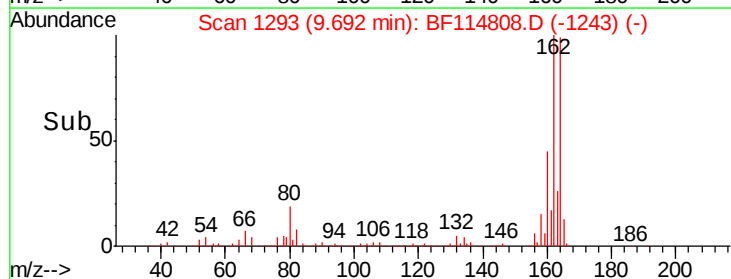
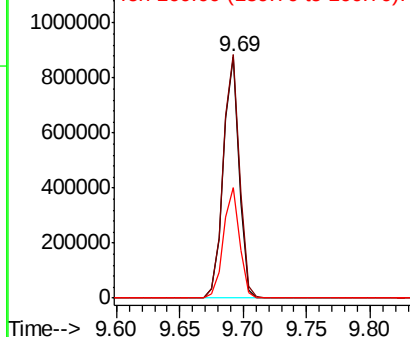
Acq: 5 Jun 2019 9:33

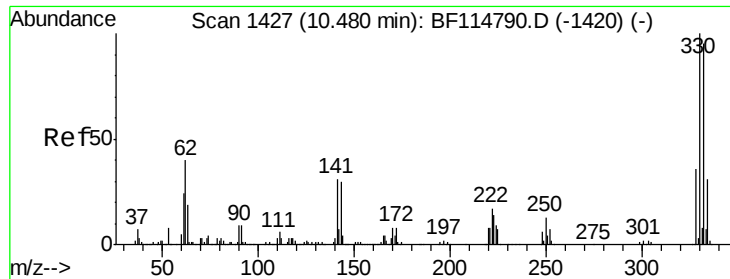
Tgt Ion: 164 Resp: 765617

Ion	Ratio	Lower	Upper
164	100		
162	101.0	82.3	123.5
160	45.8	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: 123.228 ng

RT: 10.47 min Scan# 1426

Delta R.T. -0.01 min

Lab File: BF114808.D

Acq: 5 Jun 2019 9:33

Instrument :

BNA_F

ClientSampleId :

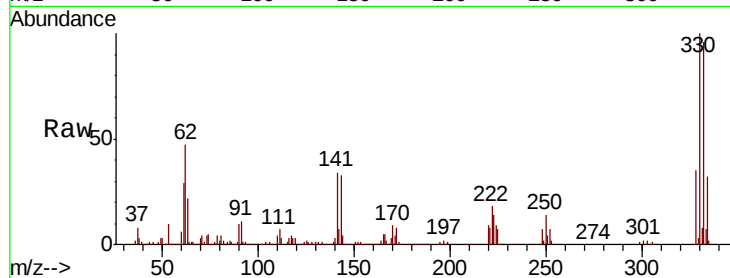
Tot Ion:330 Resp: 1016725

Ion Ratio Lower Upper

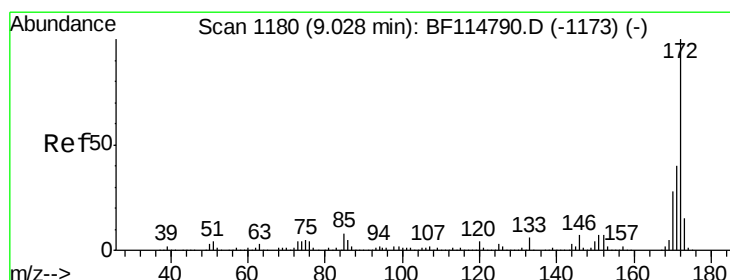
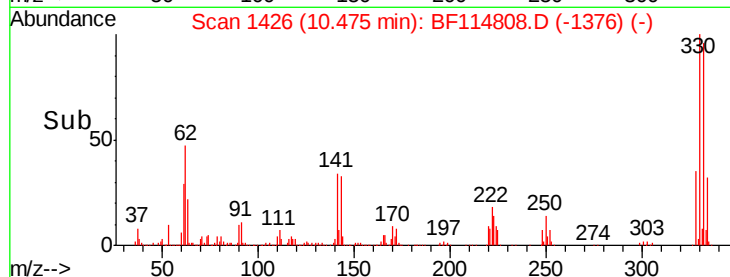
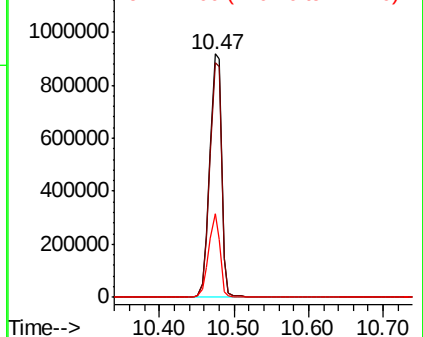
330 100

332 96.2 77.3 115.9

141 32.6 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: 86.945 ng

RT: 9.02 min Scan# 1179

Delta R.T. -0.01 min

Lab File: BF114808.D

Acq: 5 Jun 2019 9:33

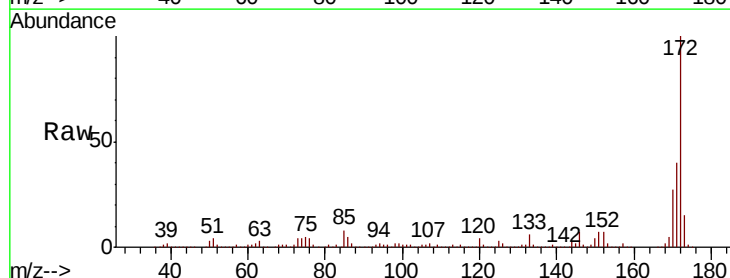
Tgt Ion:172 Resp: 3553497

Ion Ratio Lower Upper

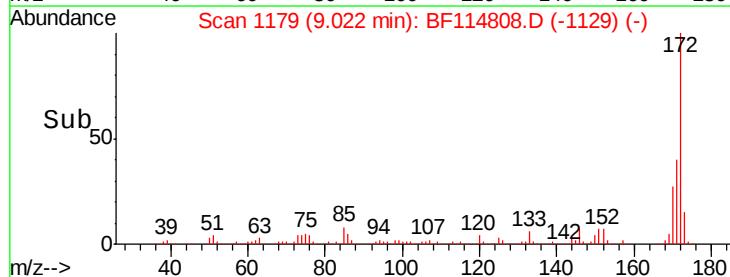
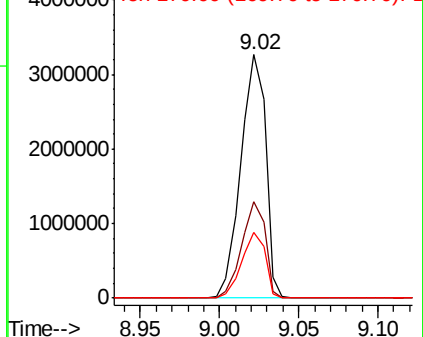
172 100

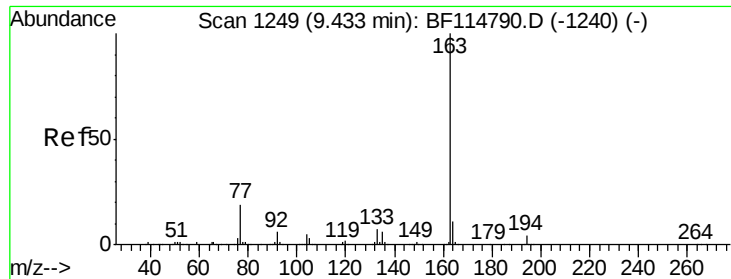
171 39.5 32.3 48.5

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

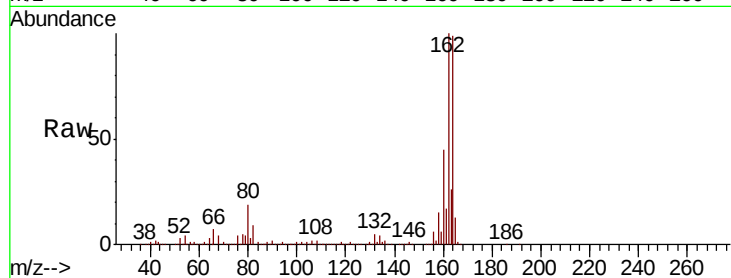




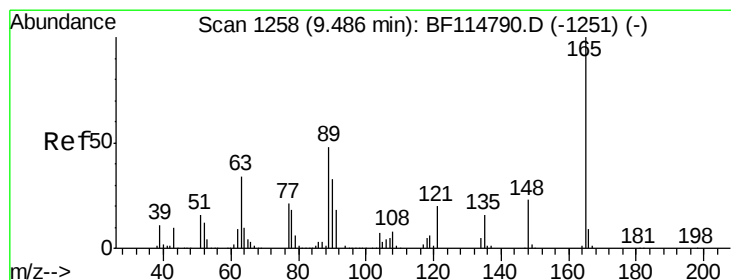
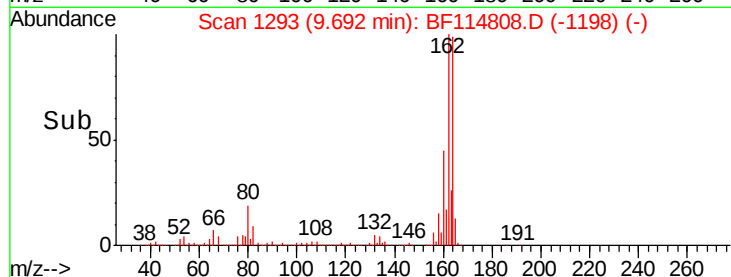
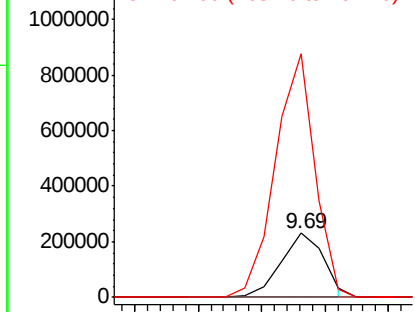
#50
Dimethylphthalate
Concen: 3.889 ng
RT: 9.69 min Scan# 1293
Delta R.T. 0.26 min
Lab File: BF114808.D
Acq: 5 Jun 2019 9:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 217482
Ion Ratio Lower Upper
163 100
194 0.0 3.4 5.2#
164 378.1 8.6 13.0#

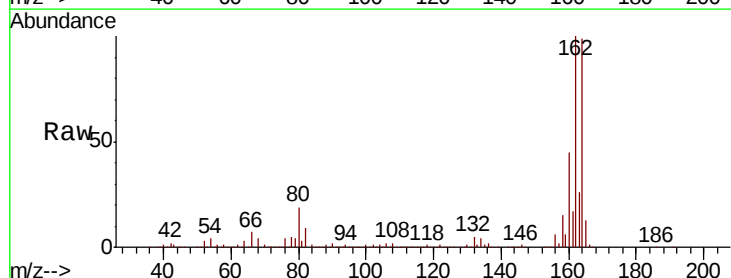


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

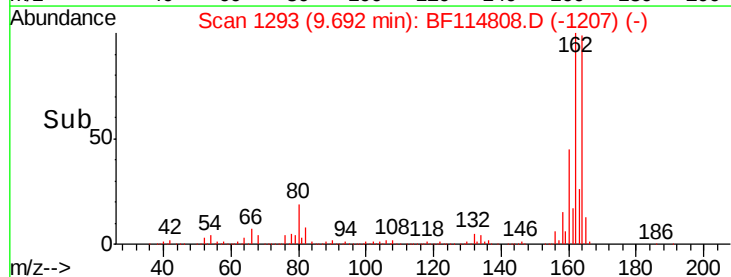
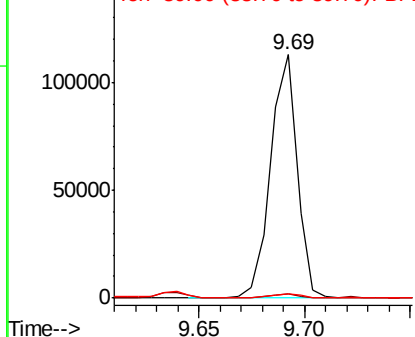


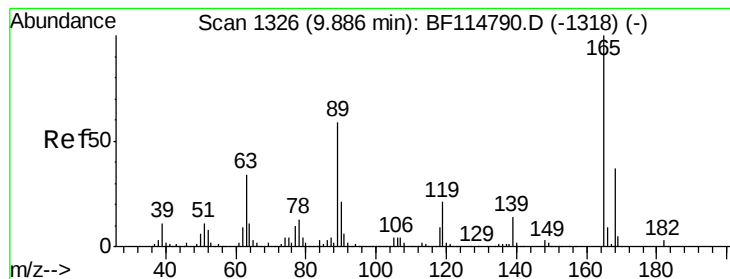
#51
2,6-Dinitrotoluene
Concen: 7.543 ng
RT: 9.69 min Scan# 1293
Delta R.T. 0.21 min
Lab File: BF114808.D
Acq: 5 Jun 2019 9:33

Tgt Ion:165 Resp: 99189
Ion Ratio Lower Upper
165 100
63 1.6 35.1 52.7#
89 1.7 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

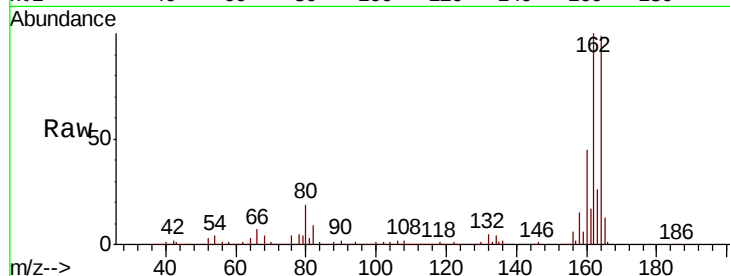




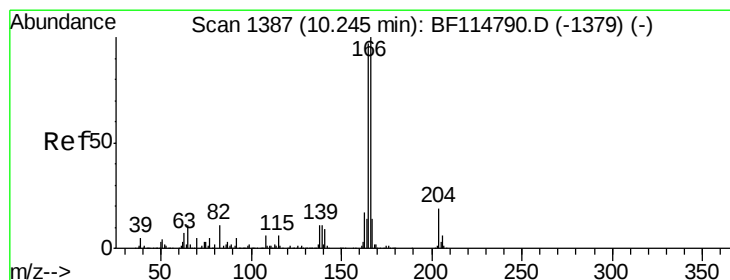
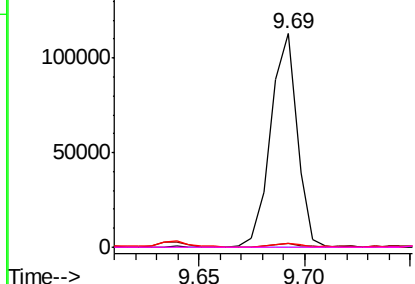
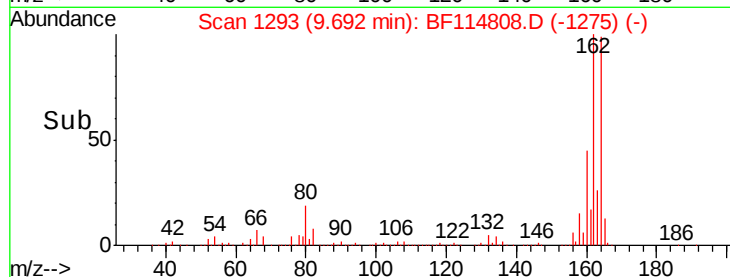
#57
 2,4-Dinitrotoluene
 Concen: 6.000 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. -0.19 min
 Lab File: BF114808.D
 Acq: 5 Jun 2019 9:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	27.0	40.4#
89	1.7	47.0	70.6#
182	0.0	2.2	3.2#

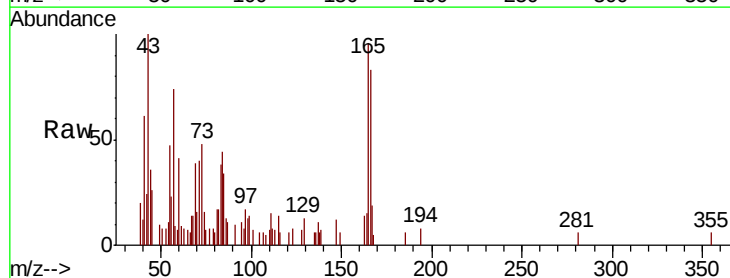


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

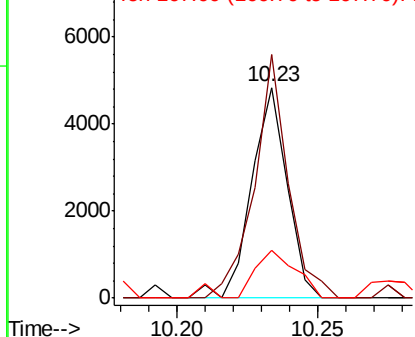
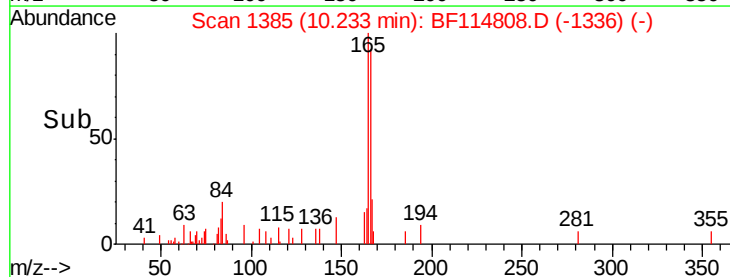


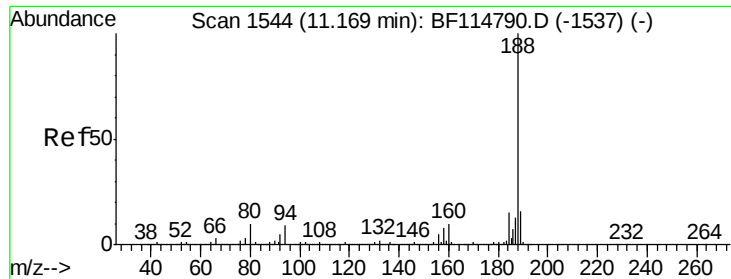
#58
 Fluorene
 Concen: Below Cal
 RT: 10.23 min Scan# 1385
 Delta R.T. -0.01 min
 Lab File: BF114808.D
 Acq: 5 Jun 2019 9:33

Tgt Ion	Ratio	Lower	Upper
166	100		
165	115.5	77.9	116.9
167	22.6	11.3	16.9#



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

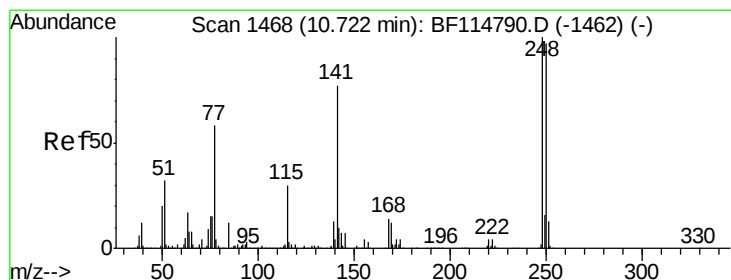
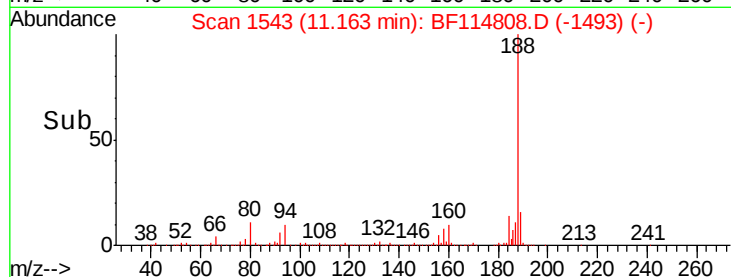
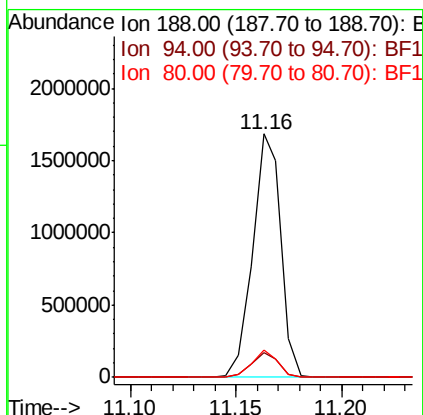
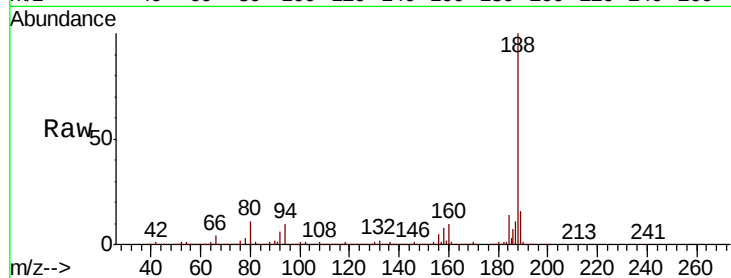




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.16 min Scan# 1543
Delta R.T. -0.01 min
Lab File: BF114808.D
Acq: 5 Jun 2019 9:33

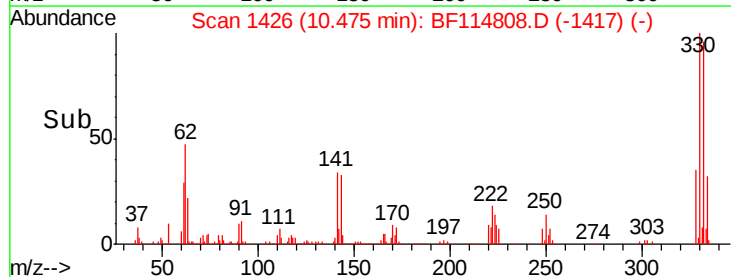
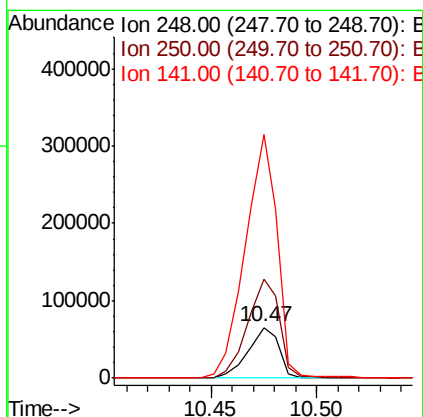
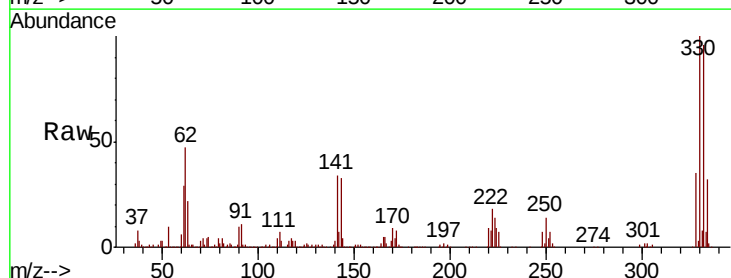
Instrument :
BNA_F
ClientSampleId :

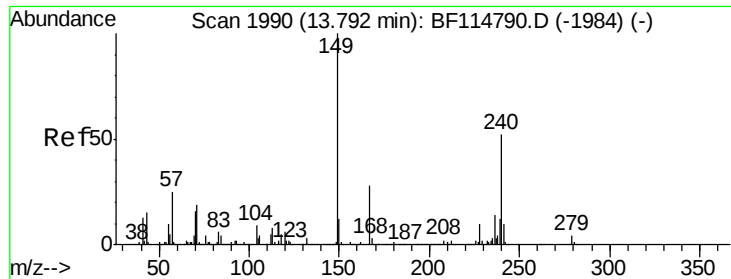
Tot Ion:188 Resp: 1554750
Ion Ratio Lower Upper
188 100
94 10.2 7.6 11.4
80 11.0 8.3 12.5



#67
4-Bromophenyl-phenylether
Concen: 3.805 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.25 min
Lab File: BF114808.D
Acq: 5 Jun 2019 9:33

Tgt Ion:248 Resp: 67181
Ion Ratio Lower Upper
248 100
250 194.3 77.5 116.3#
141 480.9 61.8 92.8#

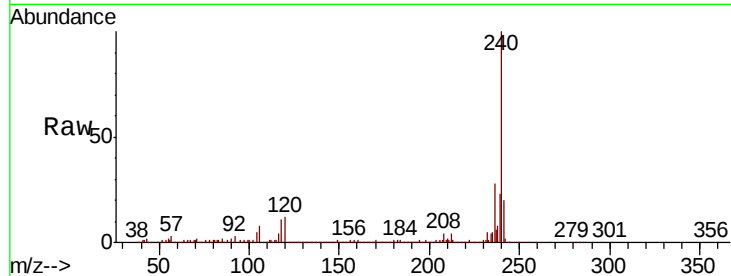




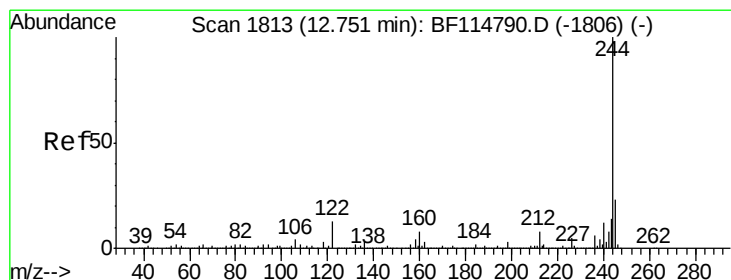
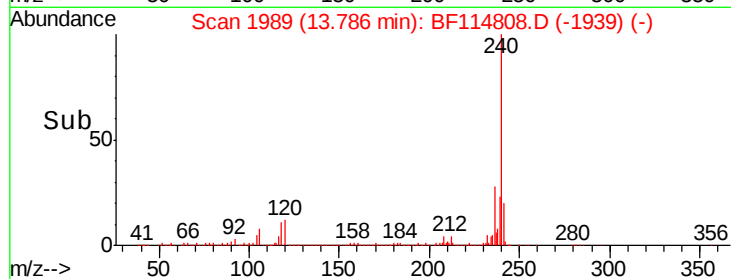
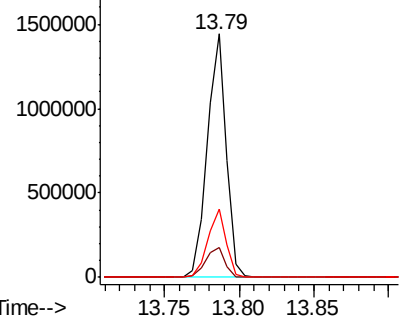
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.79 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BF114808.D
Acq: 5 Jun 2019 9:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:240 Resp: 1286524
Ion Ratio Lower Upper
240 100
120 12.2 9.0 13.4
236 28.0 21.4 32.0

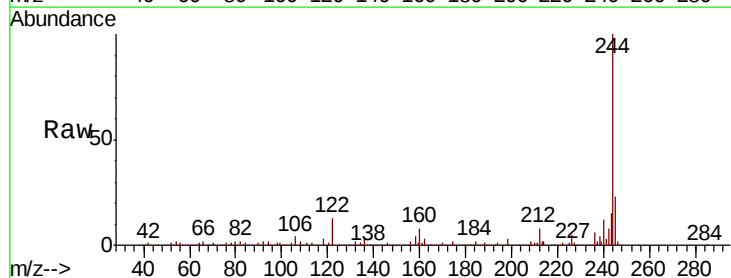


Abundance Ion 240.00 (239.70 to 240.70): E
2000000 Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

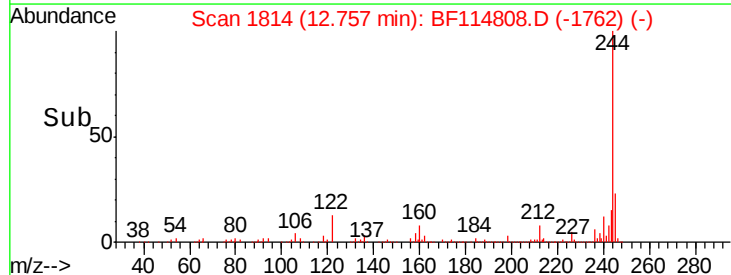
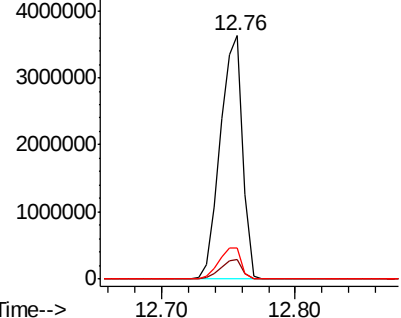


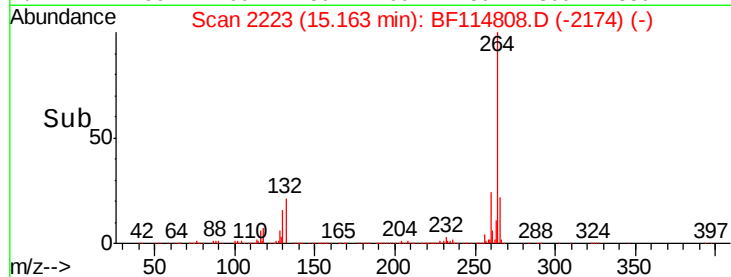
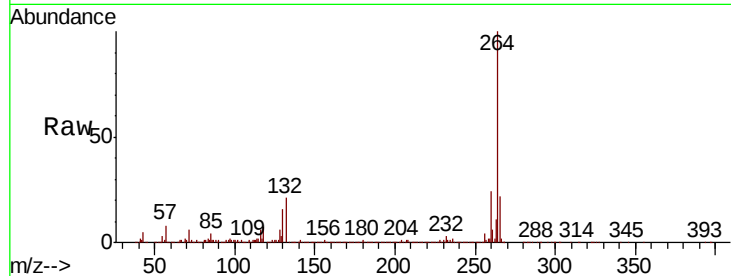
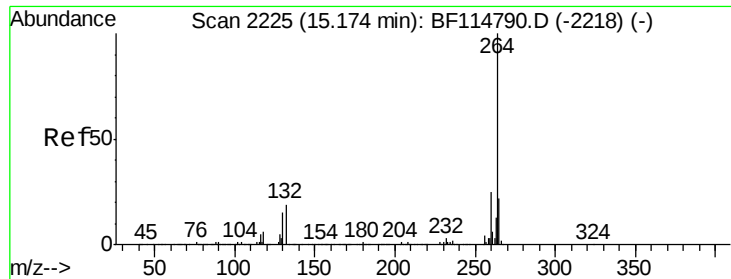
#79
Terphenyl-d14
Concen: 64.117 ng
RT: 12.76 min Scan# 1814
Delta R.T. 0.01 min
Lab File: BF114808.D
Acq: 5 Jun 2019 9:33

Tgt Ion:244 Resp: 4241525
Ion Ratio Lower Upper
244 100
212 8.2 6.5 9.7
122 12.7 10.5 15.7



Abundance Ion 244.00 (243.70 to 244.70): E
5000000 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: 15.16 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF114808.D
Acq: 5 Jun 2019 9:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 1227926

Ion	Ratio	Lower	Upper
264	100		
260	24.4	20.1	30.1
265	21.9	17.7	26.5

