

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090419\
 Data File : BF116814.D
 Acq On : 4 Sep 2019 14:38
 Operator : HP/JU
 Sample : K4639-03 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 05 02:06:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 20:02:30 2019
 Response via : Initial Calibration

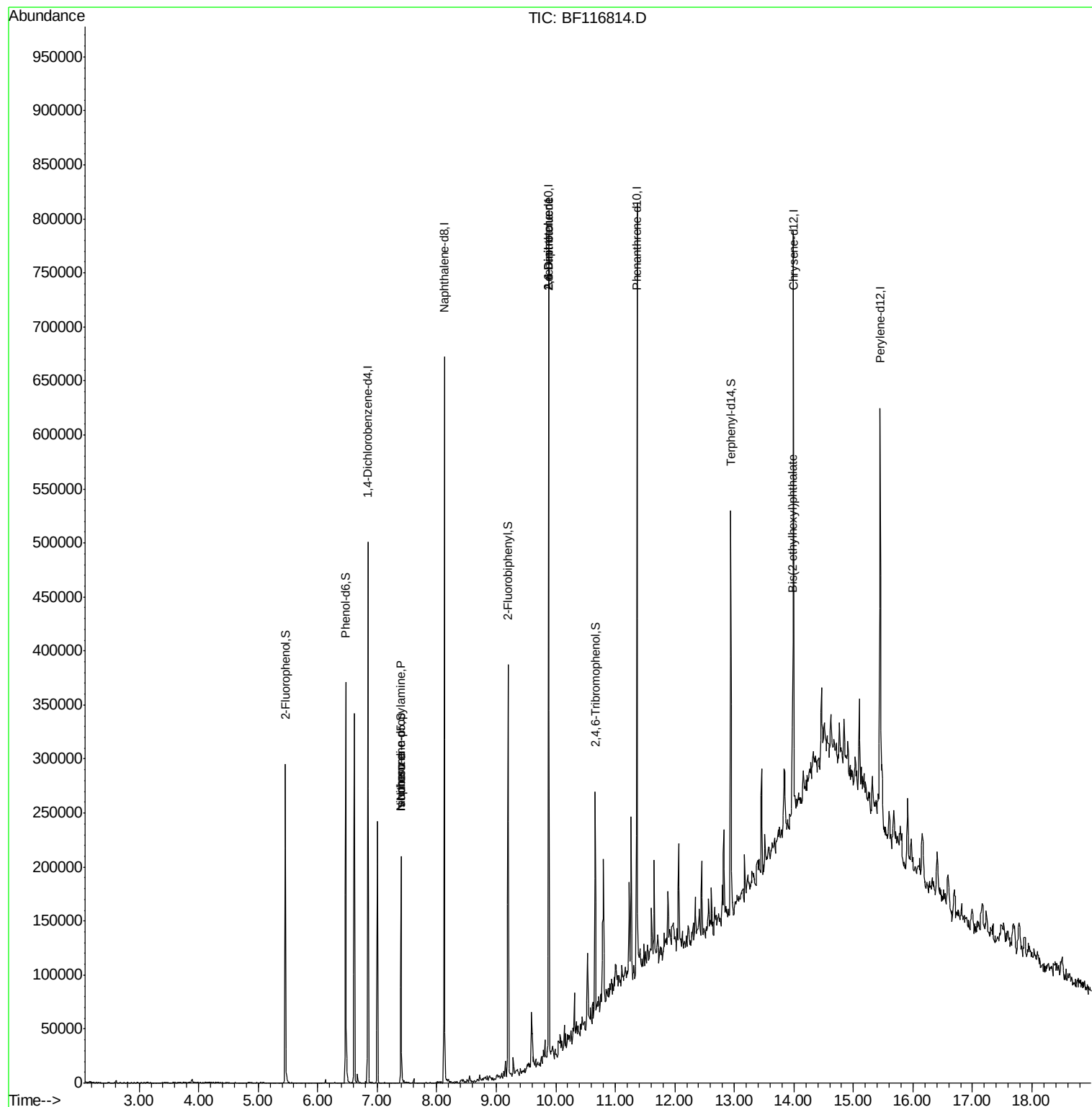
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	65175	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	266895	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	140305	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	234583	20.00	ng	0.00
76) Chrysene-d12	13.99	240	156540	20.00	ng	0.00
87) Perylene-d12	15.45	264	170834	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	83522	20.76	ng	0.00
7) Phenol-d6	6.47	99	111908	21.18	ng	-0.01
23) Nitrobenzene-d5	7.40	82	64458	13.79	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	19691	20.99	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	107954	12.98	ng	-0.01
79) Terphenyl-d14	12.94	244	101723	12.02	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	8131	2.338	ng	# 73
25) Isophorone	7.40	82	64457	6.804	ng	# 66
51) 2,6-Dinitrotoluene	9.88	165	18594	10.061	ng	# 20
57) 2,4-Dinitrotoluene	9.88	165	18594	8.228	ng	# 21
84) Bis(2-ethylhexyl)phthalate	13.97	149	40632	4.864	ng	97

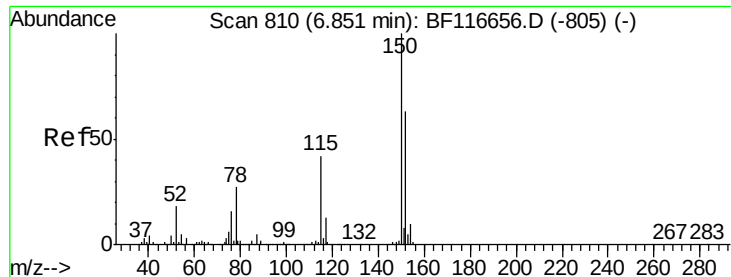
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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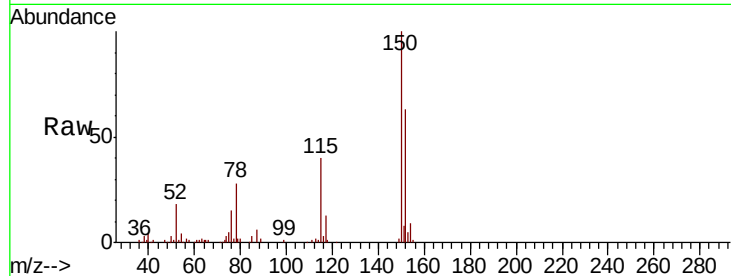


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116814.D
Acq: 4 Sep 2019 14:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.8	124.4	186.6
115	63.7	49.9	74.9

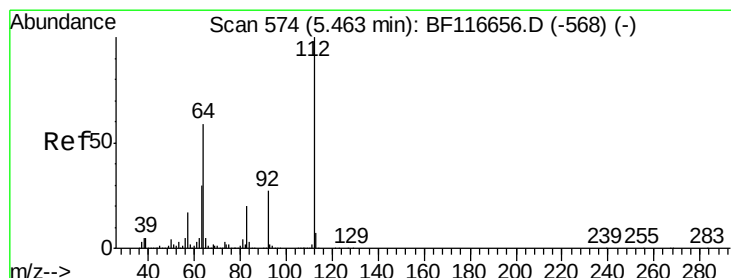
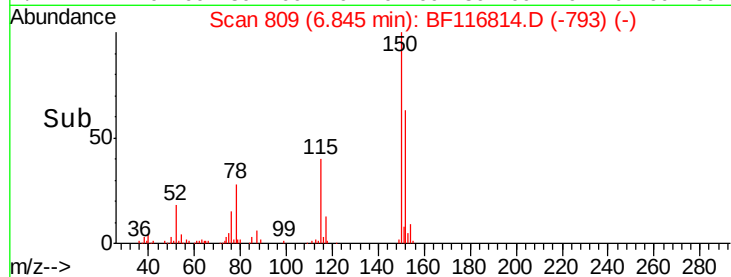
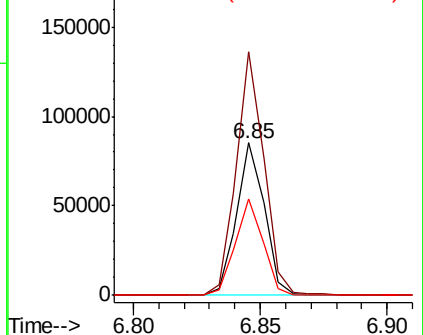


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

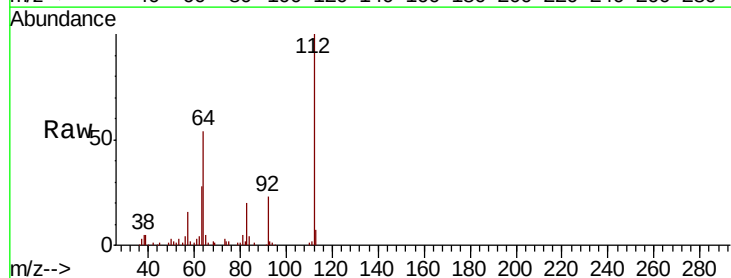
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 20.761 ng
RT: 5.46 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF116814.D
Acq: 4 Sep 2019 14:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.9	47.1	70.7
63	27.7	24.9	37.3

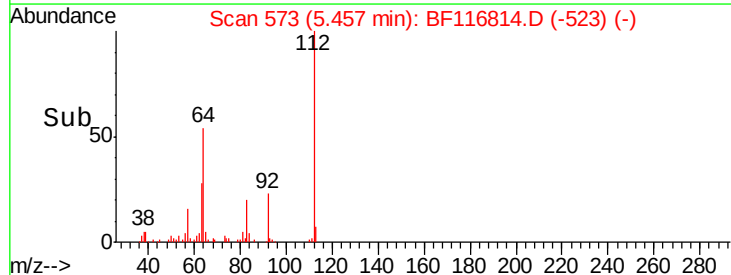
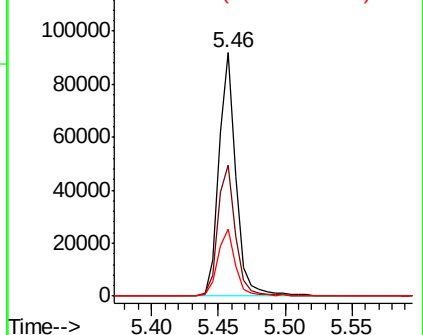


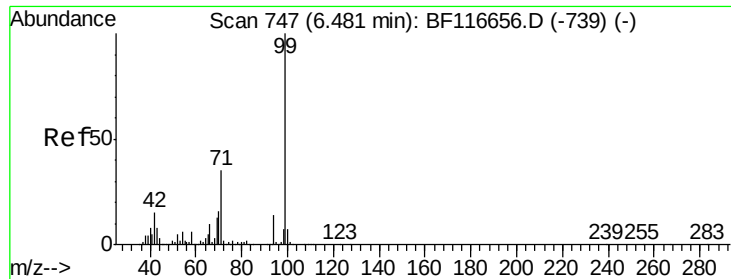
Abundance

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: 21.184 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF116814.D

Acq: 4 Sep 2019 14:38

Instrument :

BNA_F

ClientSampleId :

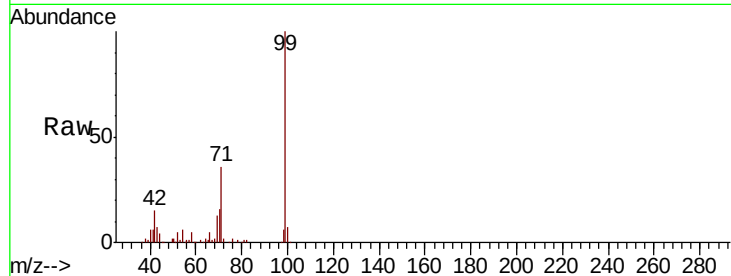
Tot Ion: 99 Resp: 111908

Ion Ratio Lower Upper

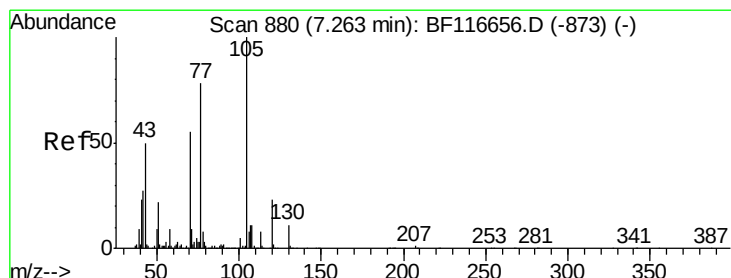
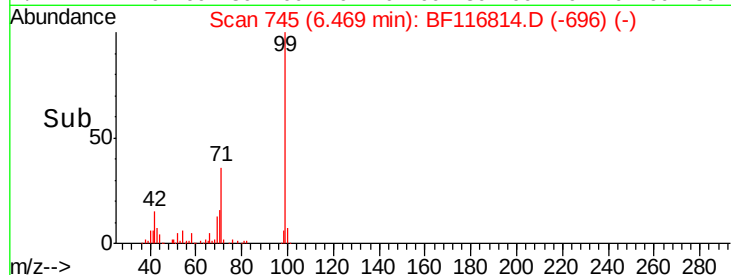
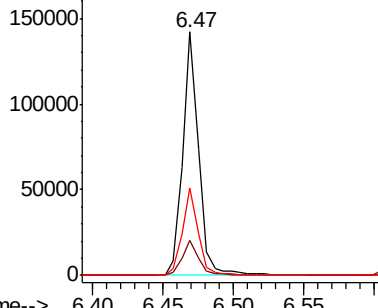
99 100

42 14.6 13.7 20.5

71 36.0 30.8 46.2



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: 2.338 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.14 min

Lab File: BF116814.D

Acq: 4 Sep 2019 14:38

Tgt Ion: 70 Resp: 8131

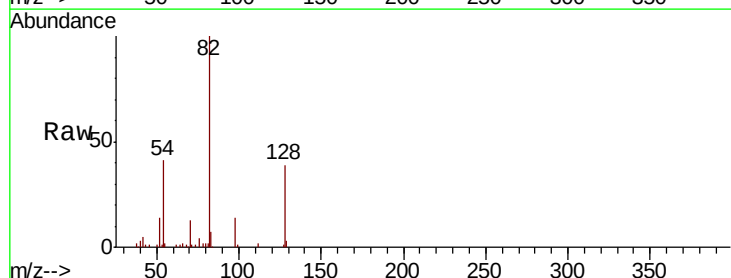
Ion Ratio Lower Upper

70 100

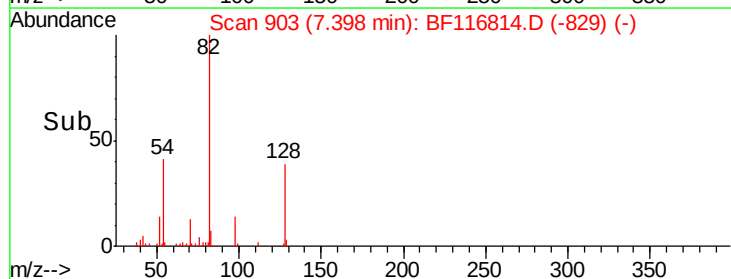
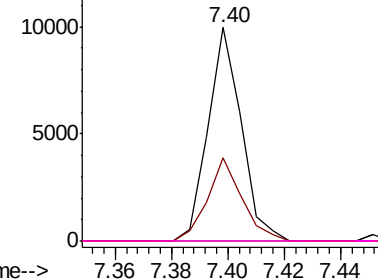
42 39.2 43.5 65.3#

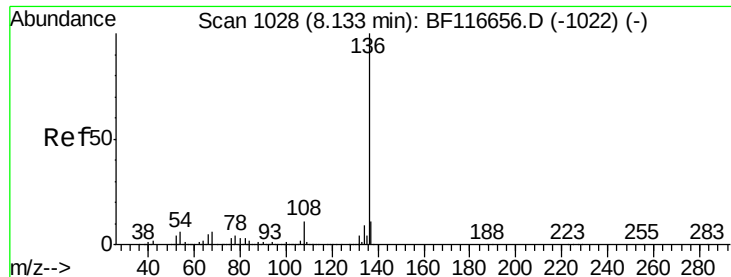
101 0.0 7.8 11.6#

130 0.0 16.6 24.8#



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

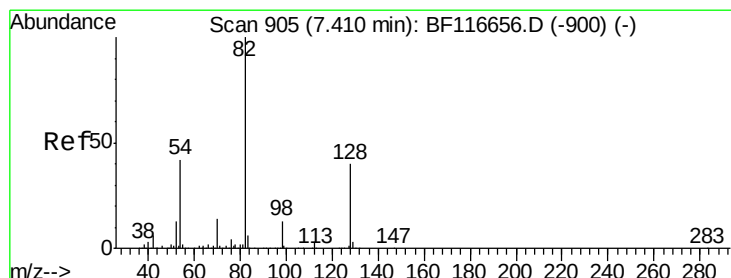
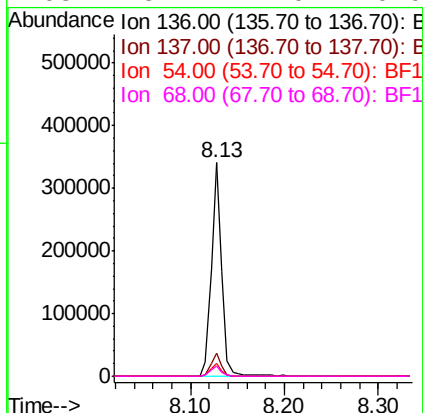
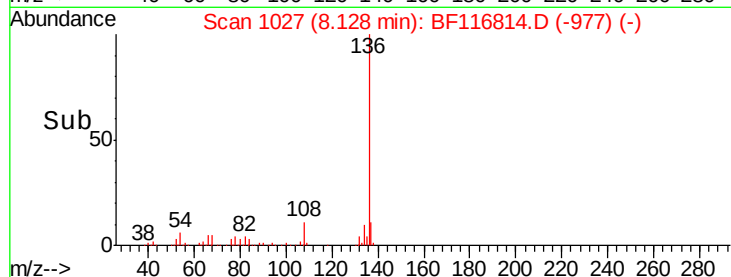
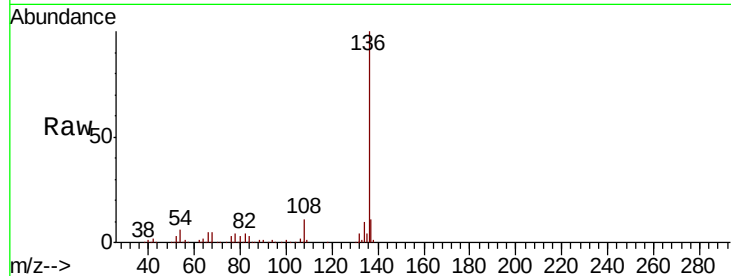




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF116814.D
Acq: 4 Sep 2019 14:38

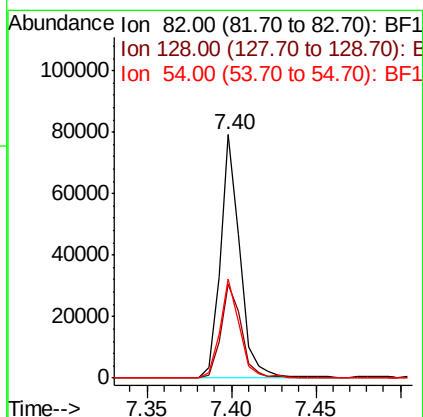
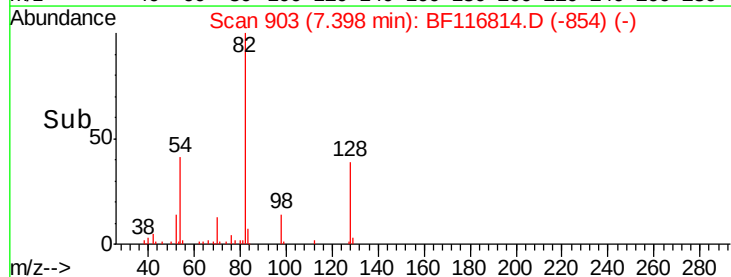
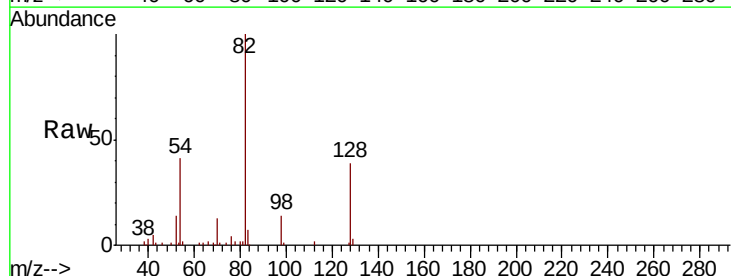
Instrument :
BNA_F
ClientSampleId :

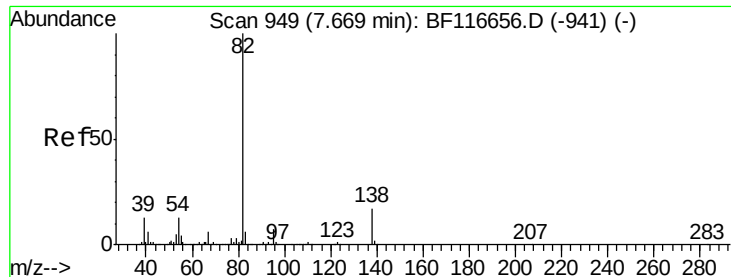
Tot Ion:136	Resp:	266895
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.9 13.3
54	6.0	4.8 7.2
68	5.1	4.0 6.0



#23
Nitrobenzene-d5
Concen: 13.787 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF116814.D
Acq: 4 Sep 2019 14:38

Tgt Ion: 82	Resp:	64458
Ion Ratio	Lower	Upper
82	100	
128	38.6	32.8 49.2
54	40.7	36.9 55.3





#25

Isophorone

Concen: 6.804 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.27 min

Lab File: BF116814.D

Acq: 4 Sep 2019 14:38

Instrument :

BNA_F

ClientSampled :

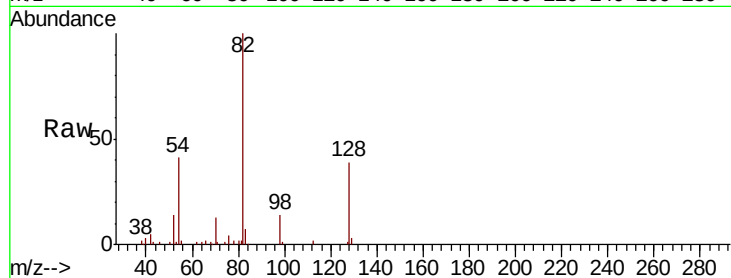
Tot Ion: 82 Resp: 64457

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

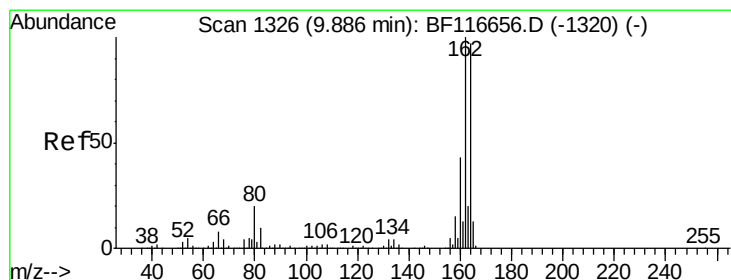
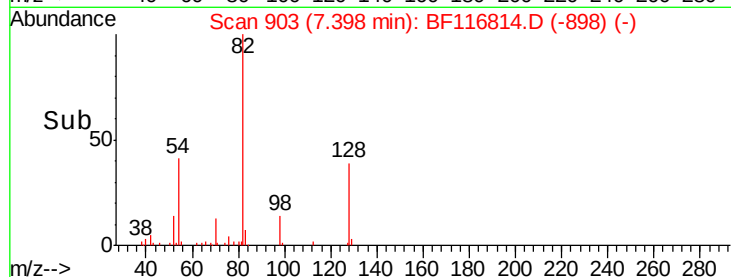
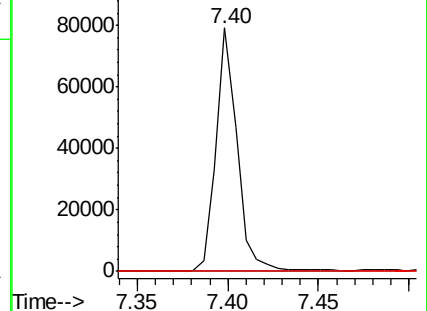
138 0.0 13.5 20.3#



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: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF116814.D

Acq: 4 Sep 2019 14:38

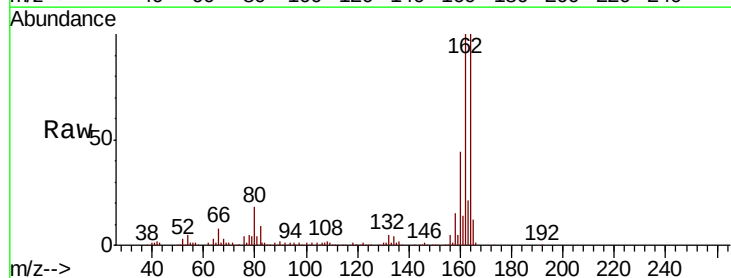
Tgt Ion: 164 Resp: 140305

Ion Ratio Lower Upper

164 100

162 100.2 81.4 122.0

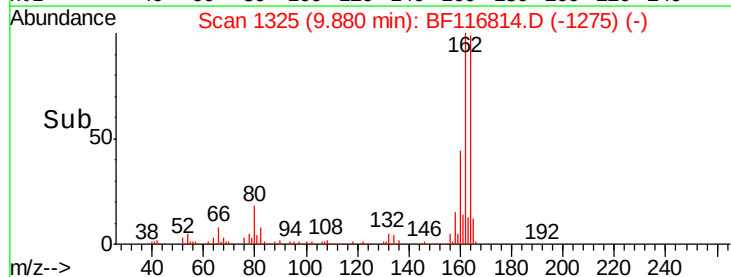
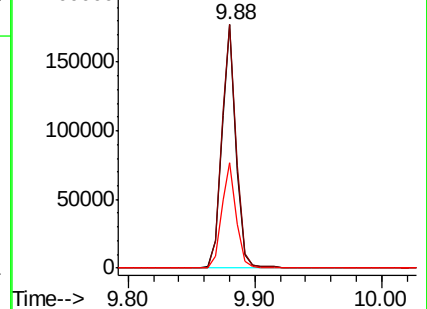
160 43.6 35.4 53.2

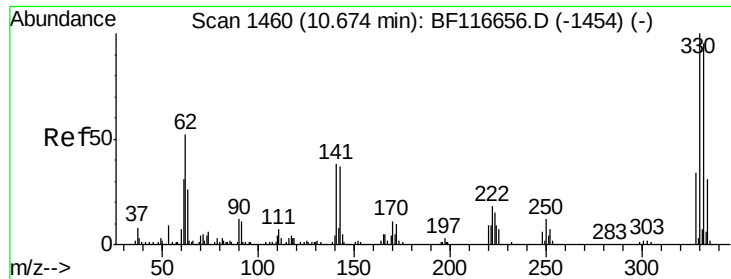


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

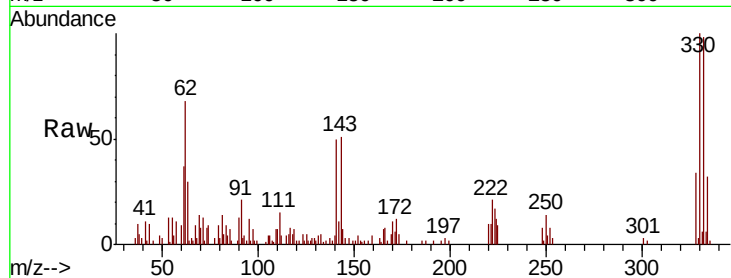




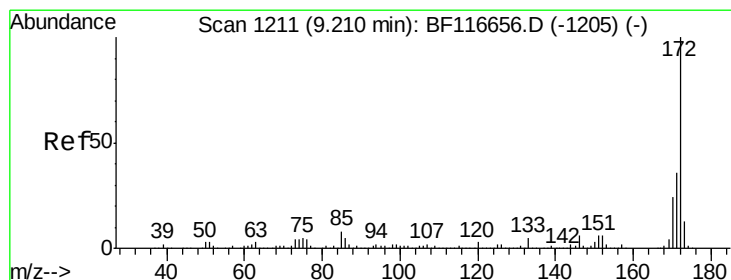
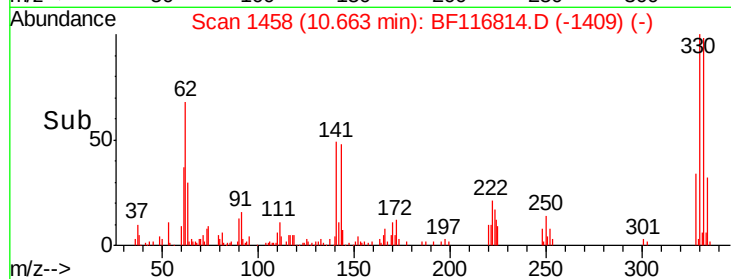
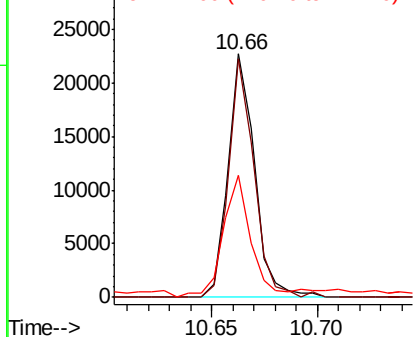
#42
 2,4,6-Tribromophenol
 Concen: 20.993 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF116814.D
 Acq: 4 Sep 2019 14:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 19691
 Ion Ratio Lower Upper
 330 100
 332 94.0 76.9 115.3
 141 52.3 31.4 47.2#

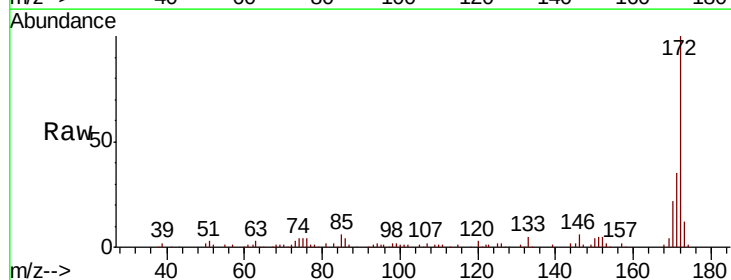


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

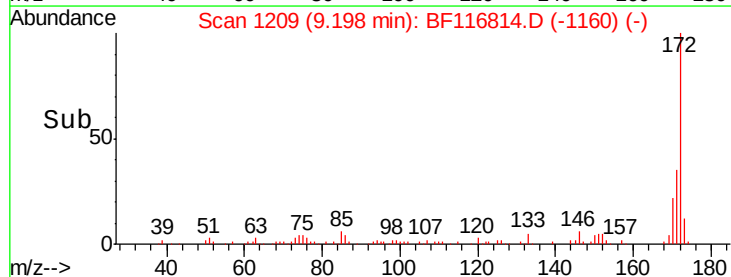
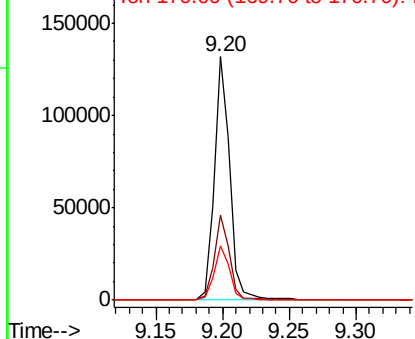


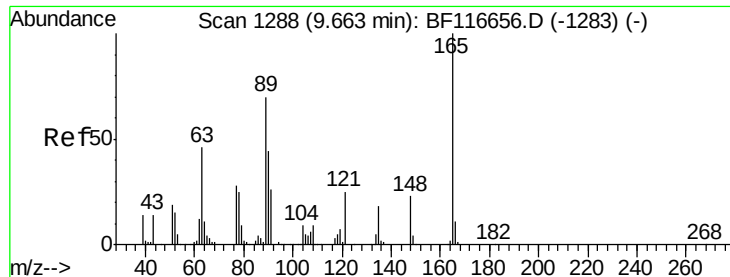
#45
 2-Fluorobiphenyl
 Concen: 12.979 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF116814.D
 Acq: 4 Sep 2019 14:38

Tgt Ion:172 Resp: 107954
 Ion Ratio Lower Upper
 172 100
 171 35.0 27.8 41.6
 170 22.5 18.9 28.3



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





#51

2,6-Dinitrotoluene

Concen: 10.061 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.22 min

Lab File: BF116814.D

Acq: 4 Sep 2019 14:38

Instrument :

BNA_F

ClientSampleId :

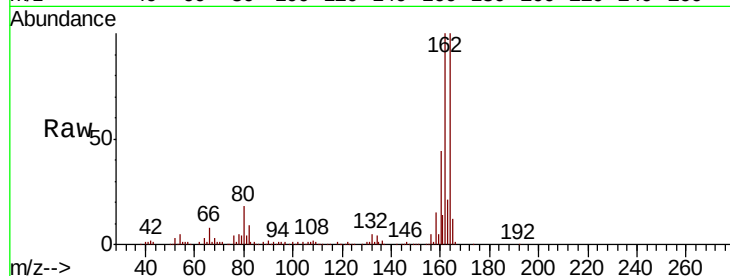
Tot Ion:165 Resp: 18594

Ion Ratio Lower Upper

165 100

63 0.0 47.3 70.9#

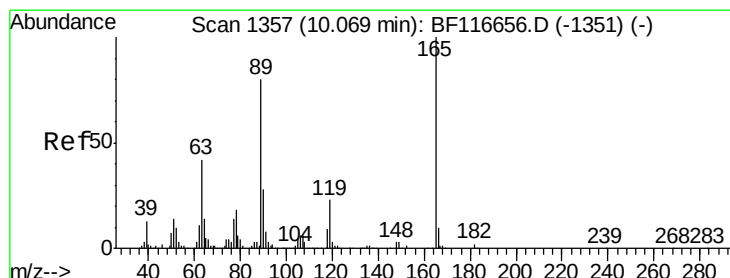
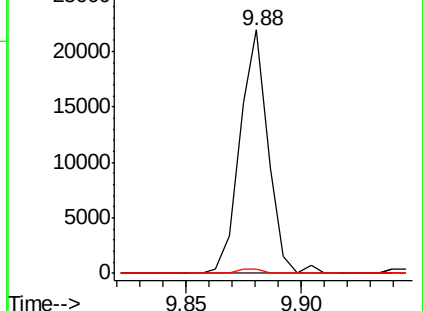
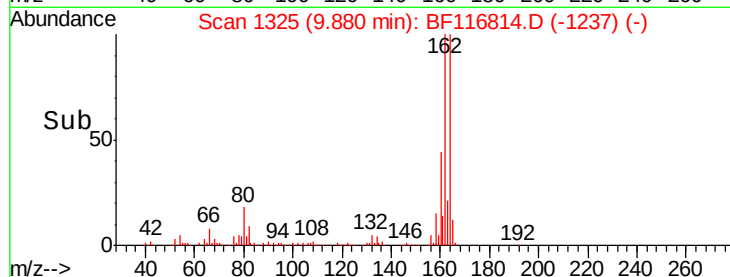
89 1.8 52.5 78.7#



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: 8.228 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.19 min

Lab File: BF116814.D

Acq: 4 Sep 2019 14:38

Tgt Ion:165 Resp: 18594

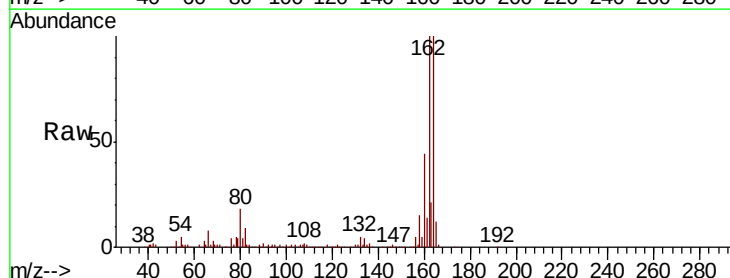
Ion Ratio Lower Upper

165 100

63 0.0 36.4 54.6#

89 1.8 62.6 94.0#

182 0.0 2.1 3.1#

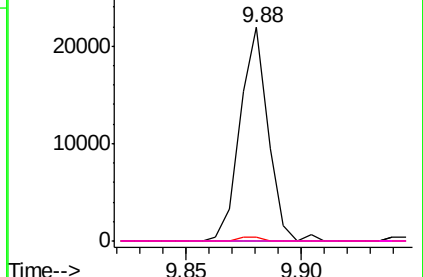
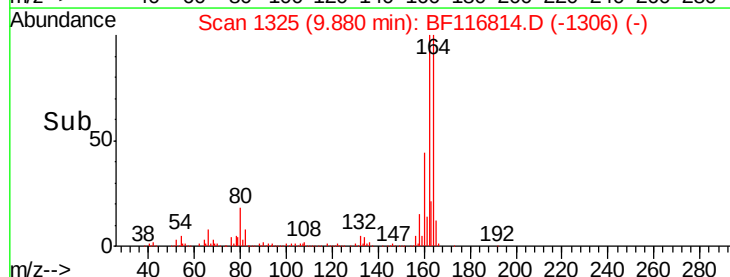


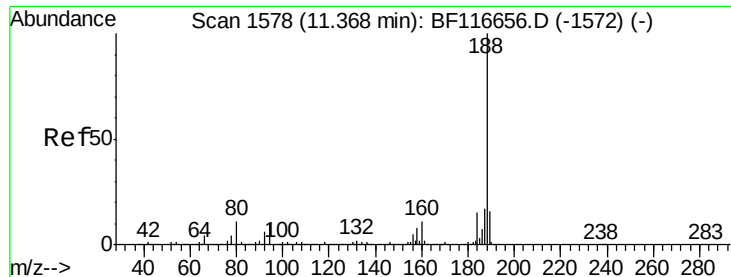
Abundance Ion 165.00 (164.70 to 165.70): E

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

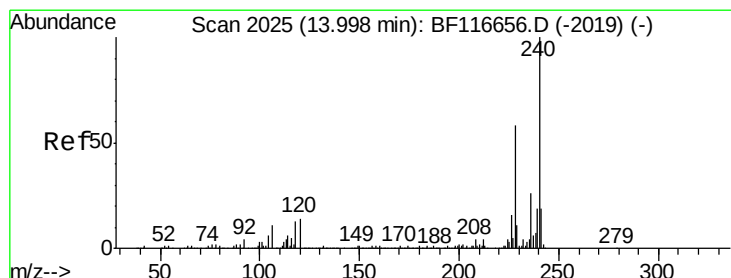
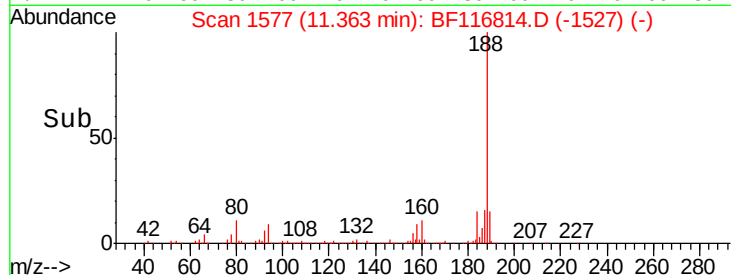
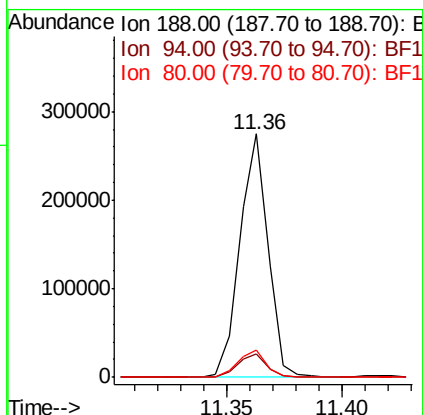
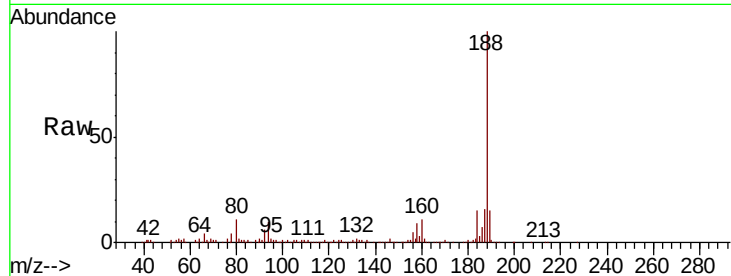




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF116814.D
Acq: 4 Sep 2019 14:38

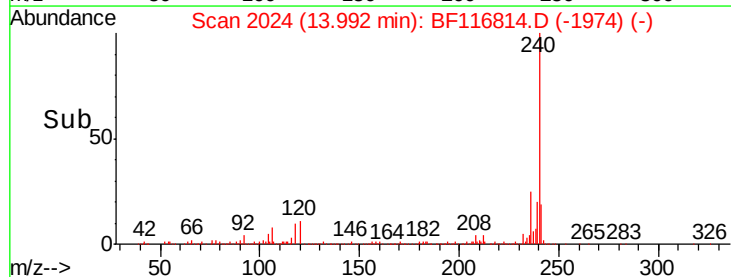
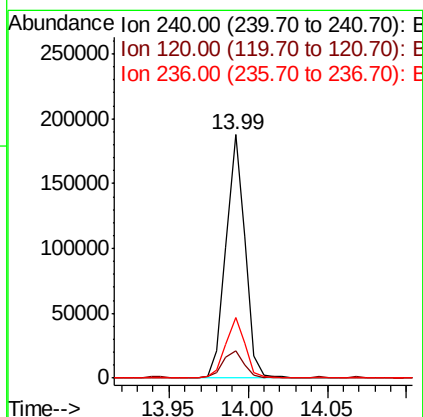
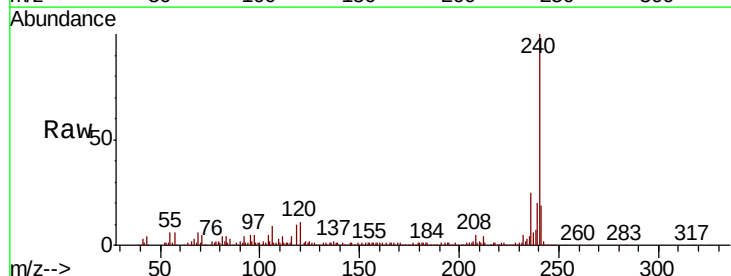
Instrument :
BNA_F
ClientSampleId :

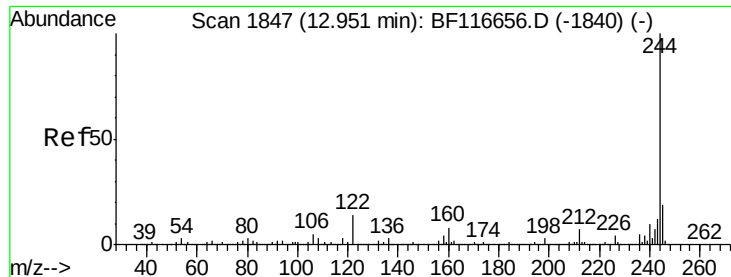
Tot Ion:188 Resp: 234583
Ion Ratio Lower Upper
188 100
94 9.6 7.3 10.9
80 11.2 8.4 12.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF116814.D
Acq: 4 Sep 2019 14:38

Tgt Ion:240 Resp: 156540
Ion Ratio Lower Upper
240 100
120 11.0 9.1 13.7
236 24.8 21.1 31.7

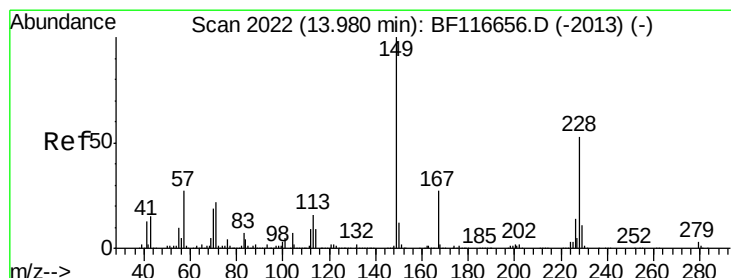
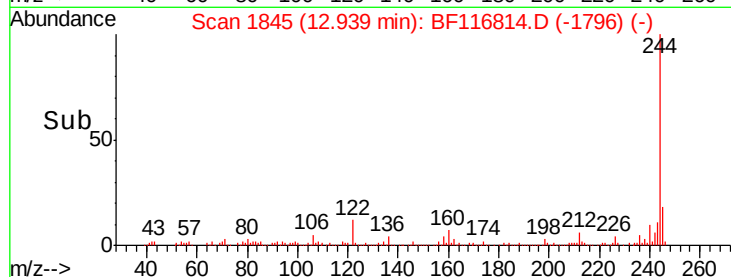
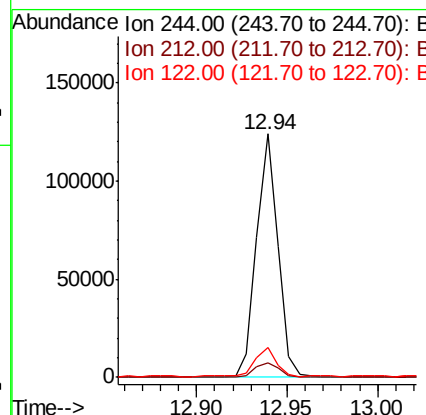
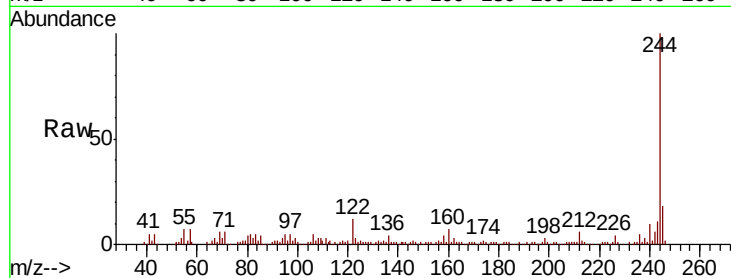




#79
 Terphenyl-d14
 Concen: 12.021 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BF116814.D
 Acq: 4 Sep 2019 14:38

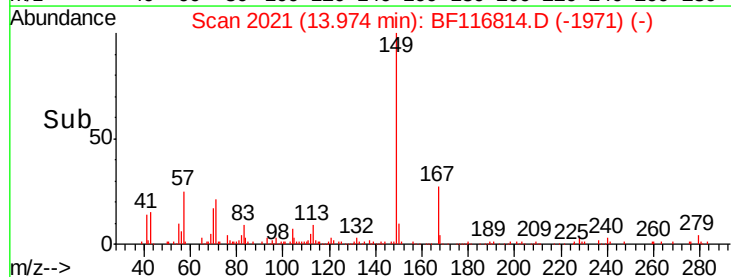
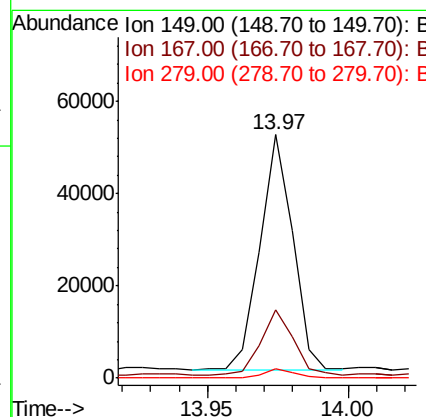
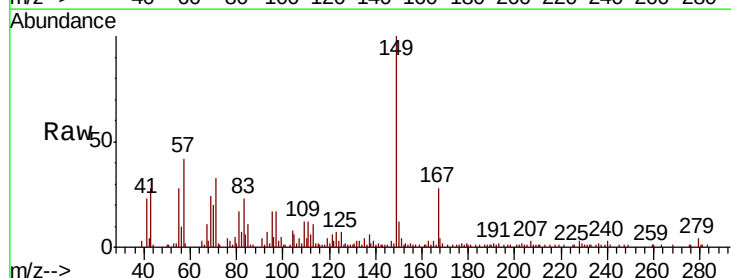
Instrument :
 BNA_F
 ClientSampleId :

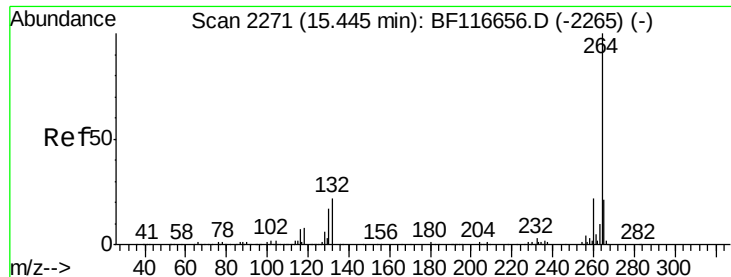
Tot Ion:244 Resp: 101723
 Ion Ratio Lower Upper
 244 100
 212 6.1 6.1 9.1
 122 12.3 10.2 15.4



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.864 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BF116814.D
 Acq: 4 Sep 2019 14:38

Tgt Ion:149 Resp: 40632
 Ion Ratio Lower Upper
 149 100
 167 27.9 21.0 31.4
 279 3.8 2.8 4.2





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.45 min Scan# 2272
 Delta R.T. 0.01 min
 Lab File: BF116814.D
 Acq: 4 Sep 2019 14:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.3	27.5
265	20.4	16.5	24.7

