

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032819\
 Data File : BF113371.D
 Acq On : 28 Mar 2019 13:45
 Operator : JU/SJ
 Sample : K2093-17
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 28 14:39:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 03:32:08 2019
 Response via : Initial Calibration

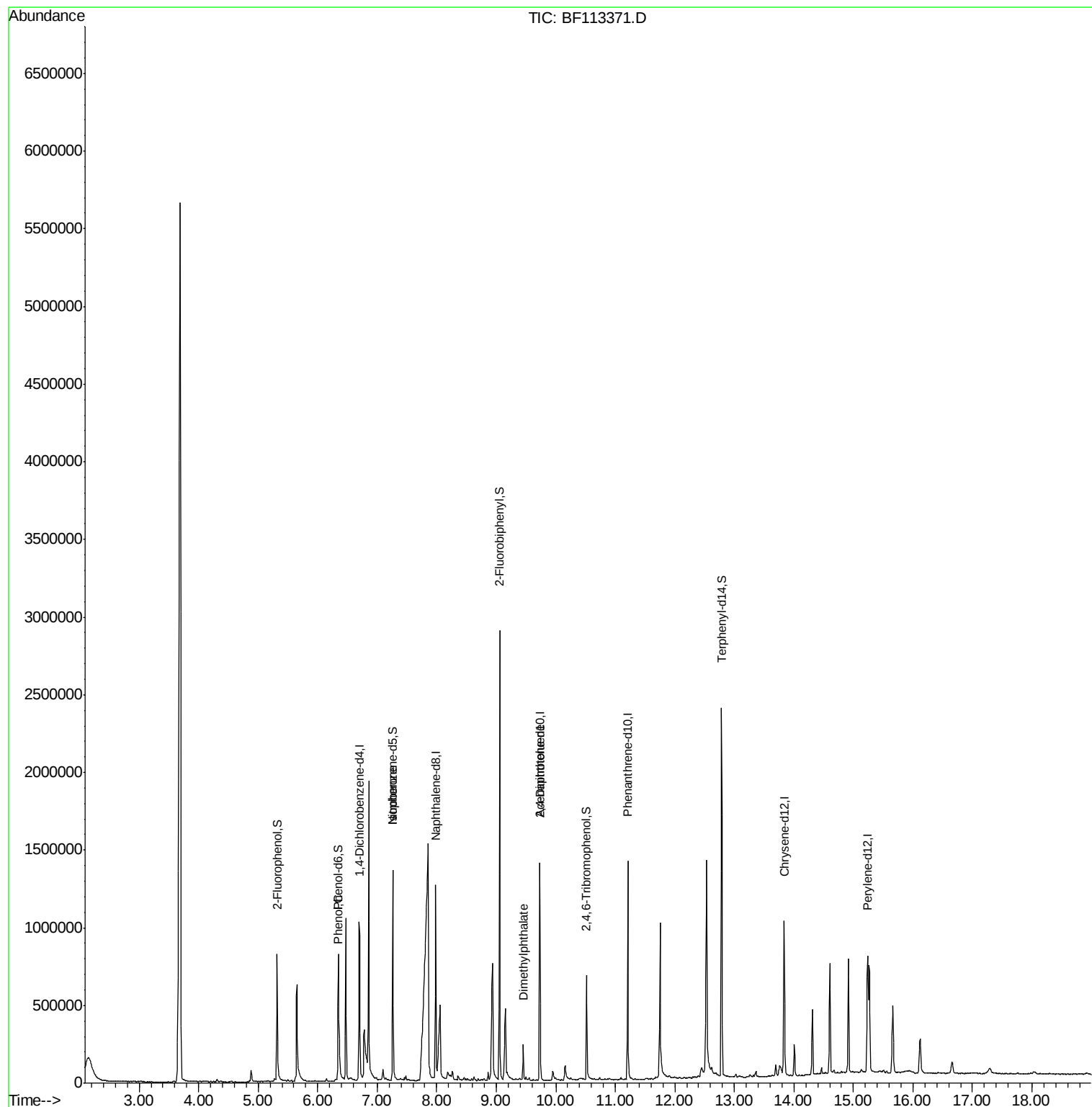
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	162553	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	611232	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	289588	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	552225	20.00	ng	0.00
76) Chrysene-d12	13.84	240	414217	20.00	ng	0.00
87) Perylene-d12	15.24	264	403521	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	270530	27.21	ng	0.00
7) Phenol-d6	6.35	99	318160	25.30	ng	-0.01
23) Nitrobenzene-d5	7.26	82	455861	44.27	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	104901	29.33	ng	-0.01
45) 2-Fluorobiphenyl	9.06	172	854765	36.12	ng	0.00
79) Terphenyl-d14	12.79	244	839230	44.66	ng	-0.01
Target Compounds						
10) Phenol	6.36	94	50439	3.513	ng	# 75
20) 3+4-Methylphenols	7.15	107	5649	Below Cal		# 66
25) Isophorone	7.26	82	452364	22.667	ng	# 64
50) Dimethylphthalate	9.45	163	89069	4.150	ng	99
57) 2,4-Dinitrotoluene	9.73	165	36980	6.006	ng	# 24

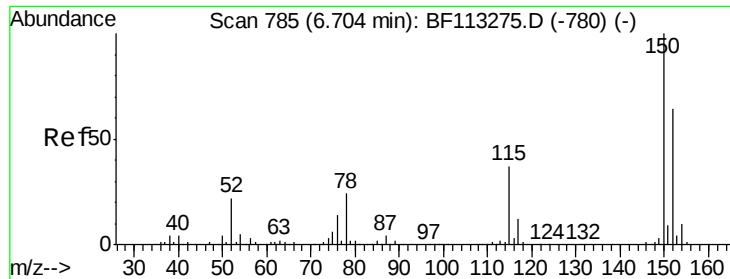
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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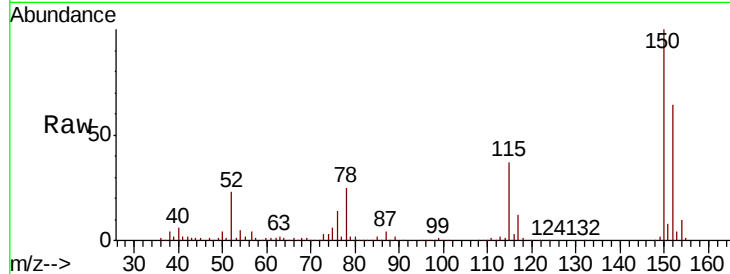


#1

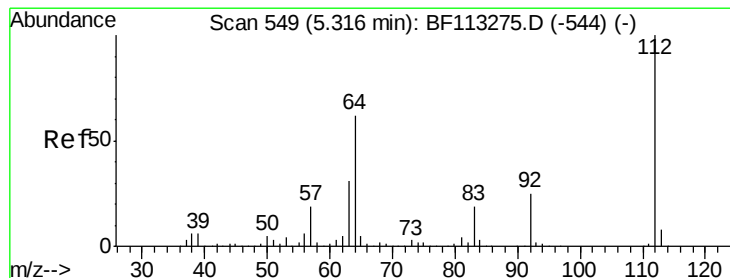
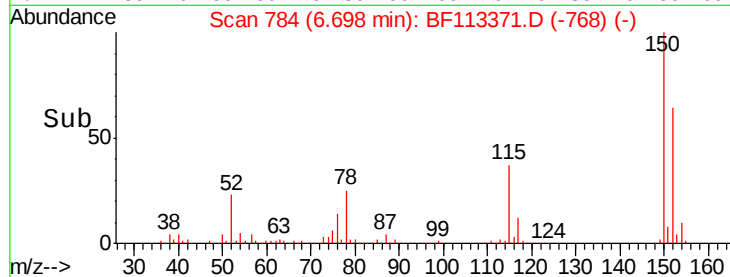
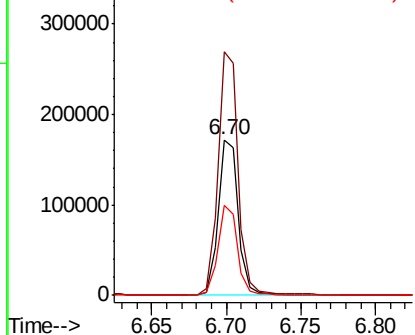
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 784
 Delta R.T. -0.01 min
 Lab File: BF113371.D
 Acq: 28 Mar 2019 13:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 162553
 Ion Ratio Lower Upper
 152 100
 150 156.7 124.7 187.1
 115 58.1 46.0 69.0



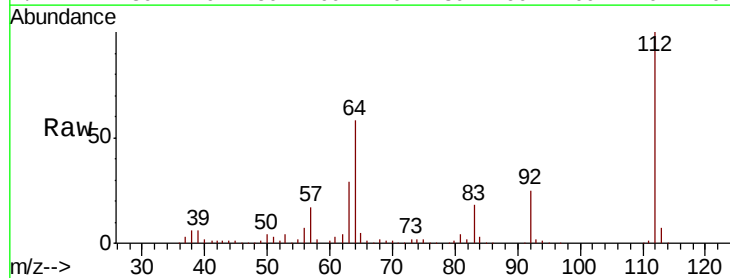
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



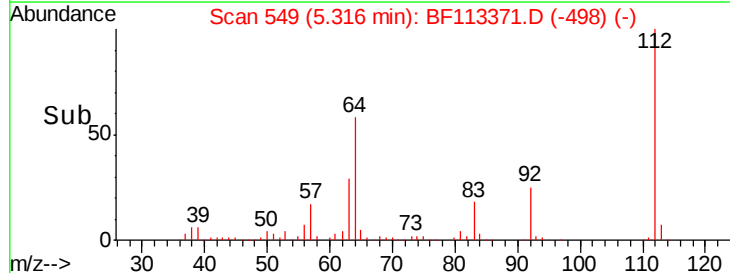
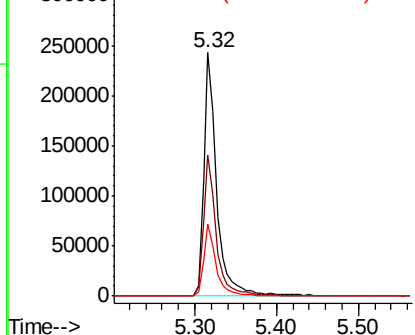
#5

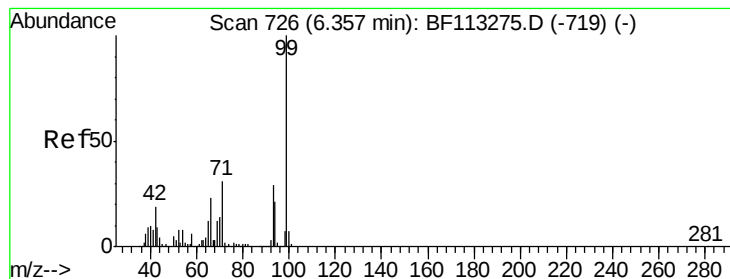
2-Fluorophenol
 Concen: 27.213 ng
 RT: 5.32 min Scan# 549
 Delta R.T. 0.00 min
 Lab File: BF113371.D
 Acq: 28 Mar 2019 13:45

Tgt Ion:112 Resp: 270530
 Ion Ratio Lower Upper
 112 100
 64 58.0 49.2 73.8
 63 29.4 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: 25.298 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF113371.D

Acq: 28 Mar 2019 13:45

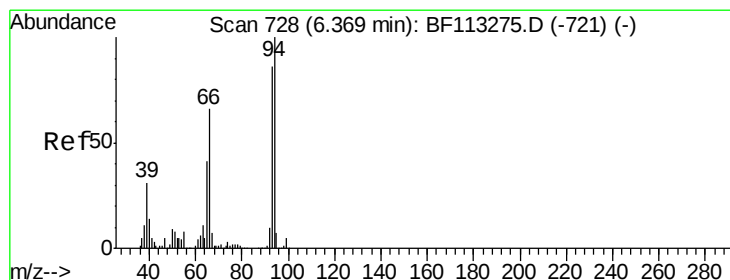
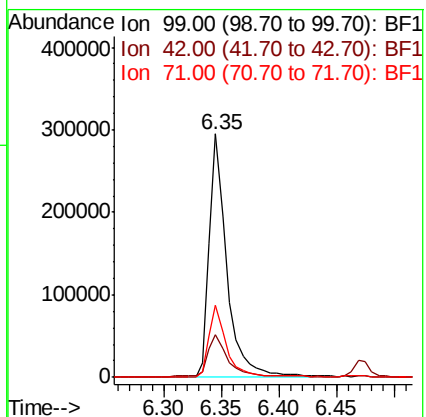
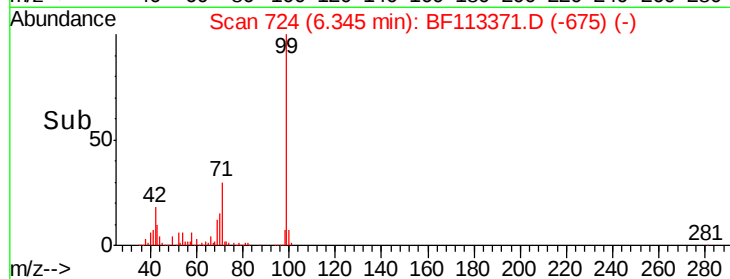
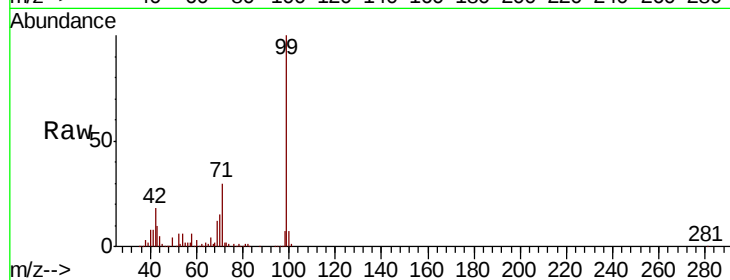
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 318160

Ion	Ratio	Lower	Upper
99	100		
42	17.8	14.8	22.2
71	29.8	24.9	37.3



#10

Phenol

Concen: 3.513 ng

RT: 6.36 min Scan# 726

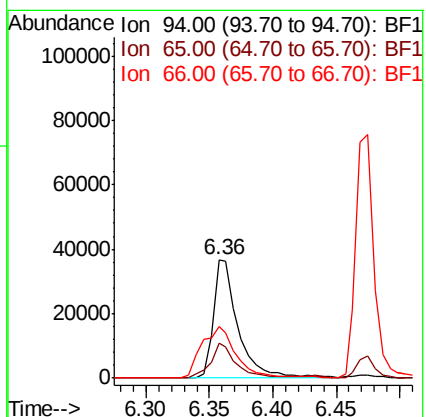
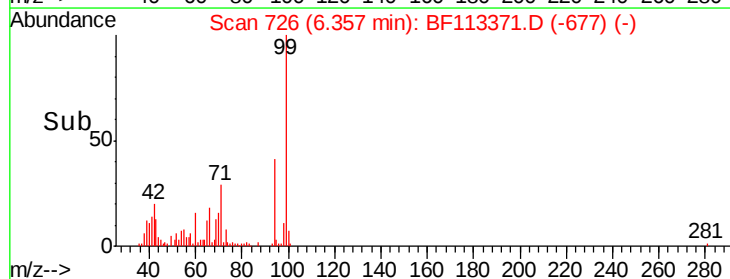
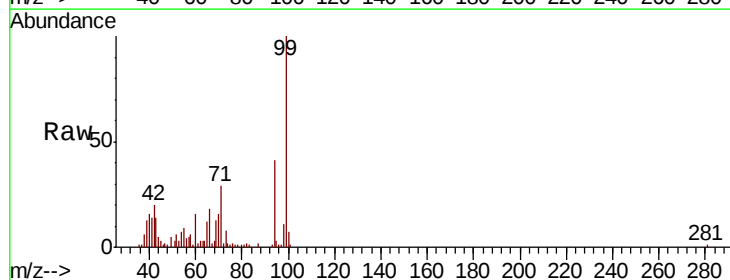
Delta R.T. -0.01 min

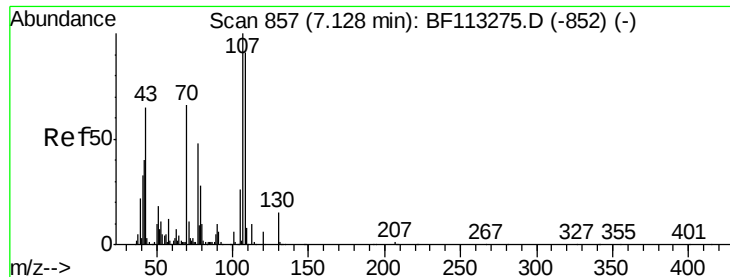
Lab File: BF113371.D

Acq: 28 Mar 2019 13:45

Tgt Ion: 94 Resp: 50439

Ion	Ratio	Lower	Upper
94	100		
65	29.5	21.4	61.4
66	43.0	46.4	86.4#

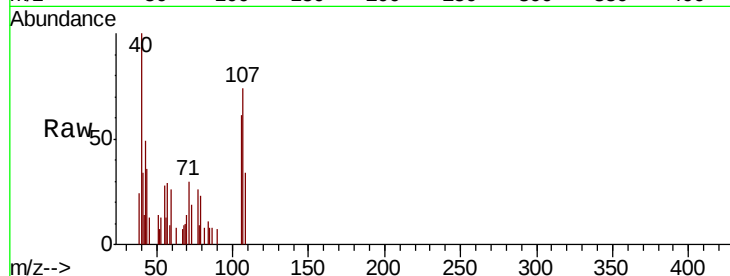




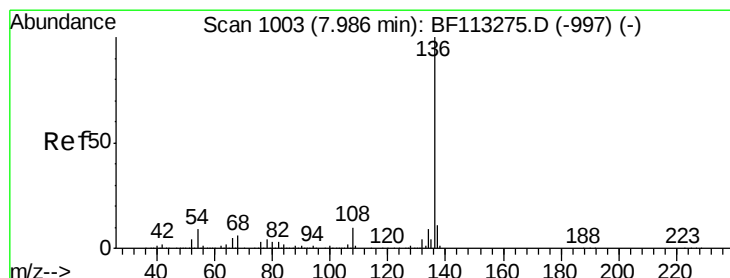
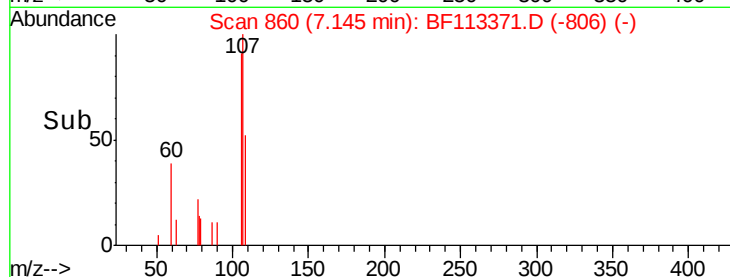
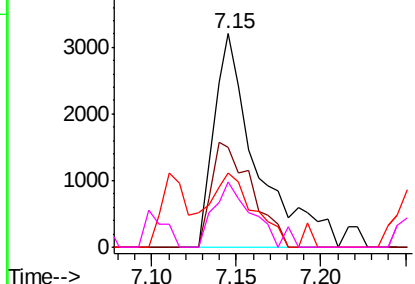
#20
3+4-Methylphenols
Concen: Below Cal
RT: 7.15 min Scan# 860
Delta R.T. 0.02 min
Lab File: BF113371.D
Acq: 28 Mar 2019 13:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 5649
Ion Ratio Lower Upper
107 100
108 46.6 71.4 111.4#
77 34.9 33.5 73.5
79 30.7 8.3 48.3

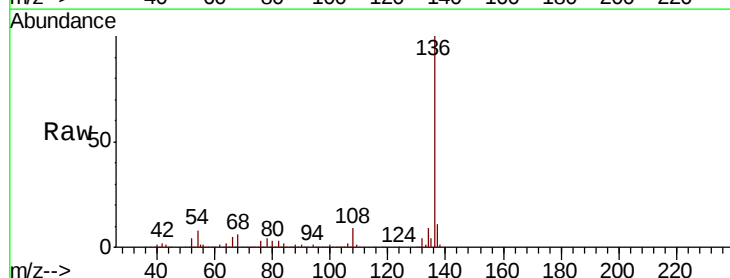


Abundance Ion 107.00 (106.70 to 107.70): E
5000 Ion 108.00 (107.70 to 108.70): E
4000 Ion 77.00 (76.70 to 77.70): BF1
3000 Ion 79.00 (78.70 to 79.70): BF1
2000
1000
0

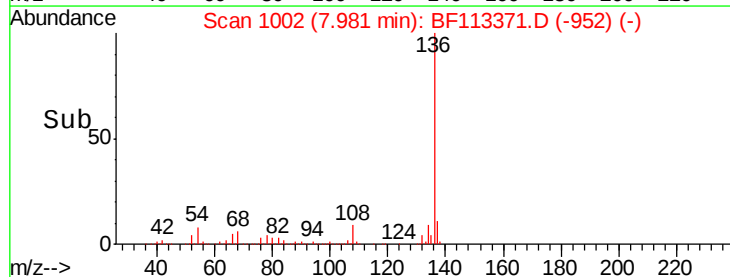
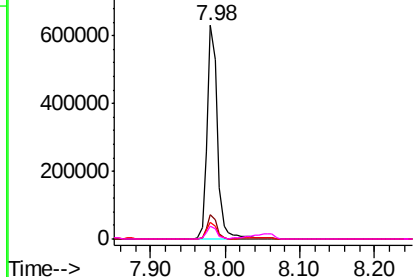


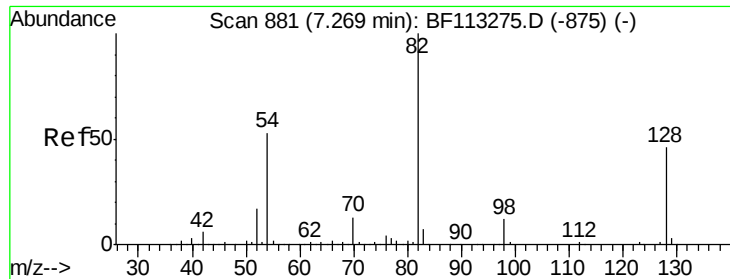
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF113371.D
Acq: 28 Mar 2019 13:45

Tgt Ion:136 Resp: 611232
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 8.1 7.0 10.6
68 6.1 4.8 7.2



Abundance Ion 136.00 (135.70 to 136.70): E
1000000 Ion 137.00 (136.70 to 137.70): E
800000 Ion 54.00 (53.70 to 54.70): BF1
600000 Ion 68.00 (67.70 to 68.70): BF1
400000
200000
0

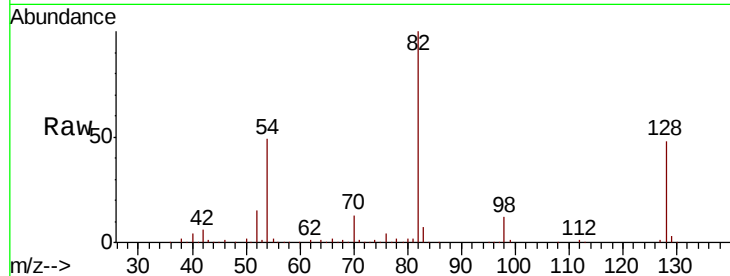




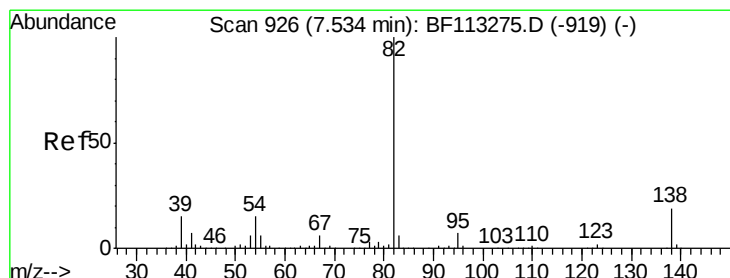
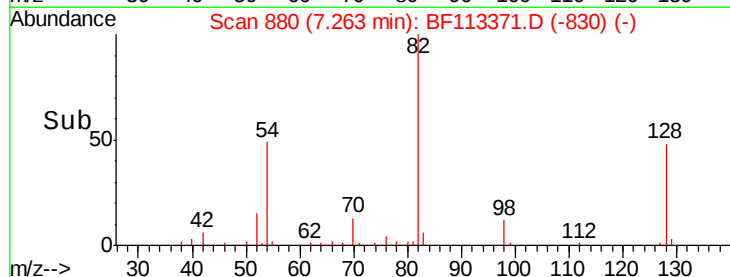
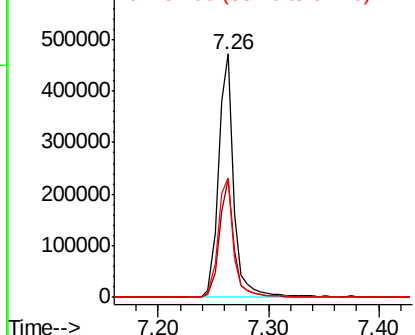
#23
Nitrobenzene-d5
Concen: 44.267 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.00 min
Lab File: BF113371.D
Acq: 28 Mar 2019 13:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 455861
Ion Ratio Lower Upper
82 100
128 48.4 36.5 54.7
54 49.1 42.2 63.2

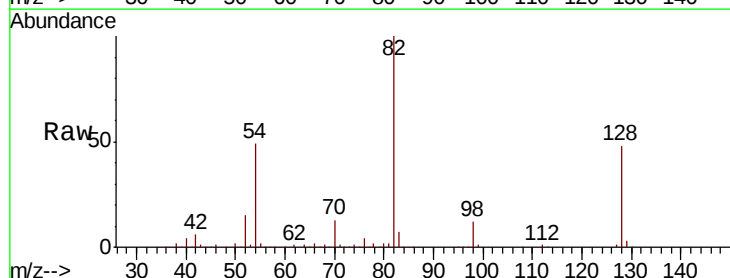


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

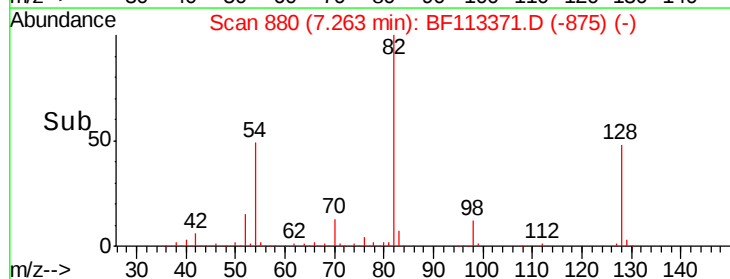
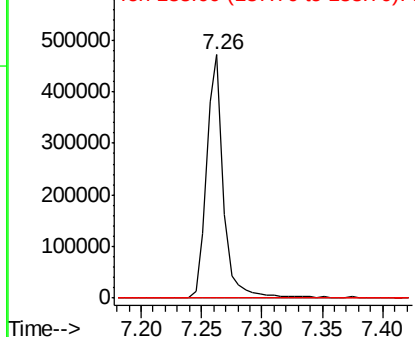


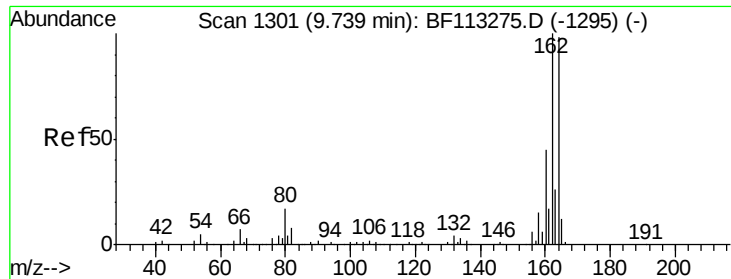
#25
Isophorone
Concen: 22.667 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.27 min
Lab File: BF113371.D
Acq: 28 Mar 2019 13:45

Tgt Ion: 82 Resp: 452364
Ion Ratio Lower Upper
82 100
95 0.1 5.5 8.3#
138 0.0 15.2 22.8#



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

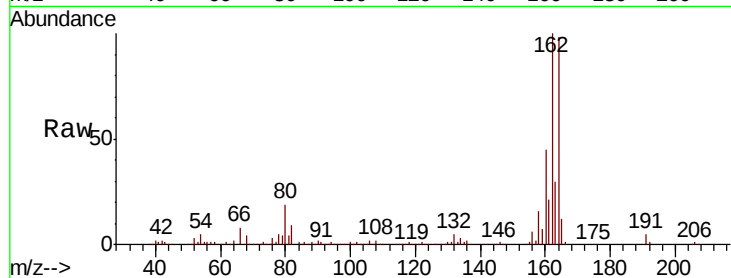




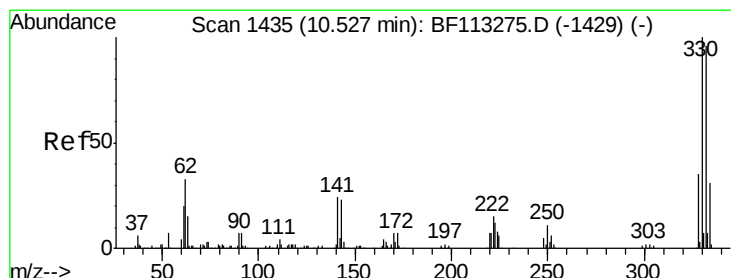
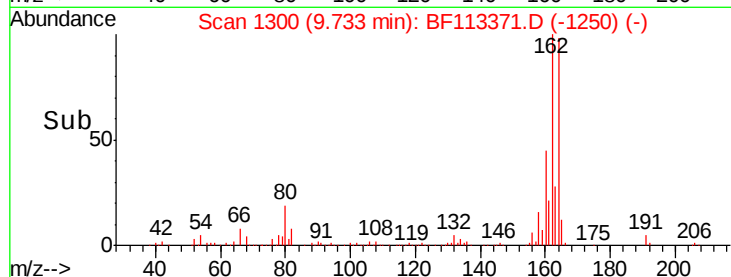
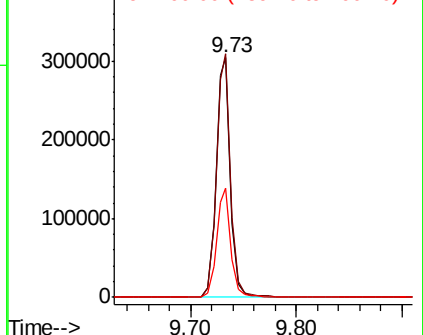
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF113371.D
 Acq: 28 Mar 2019 13:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 289588
 Ion Ratio Lower Upper
 164 100
 162 101.6 81.8 122.6
 160 45.5 36.4 54.6

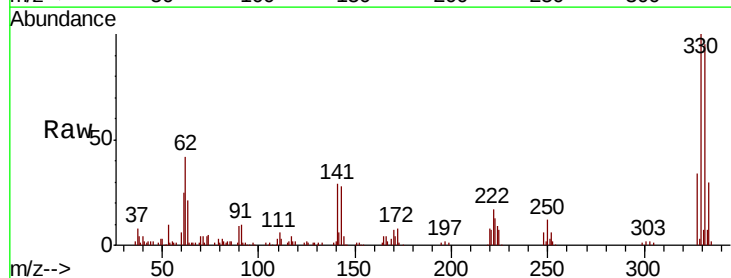


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

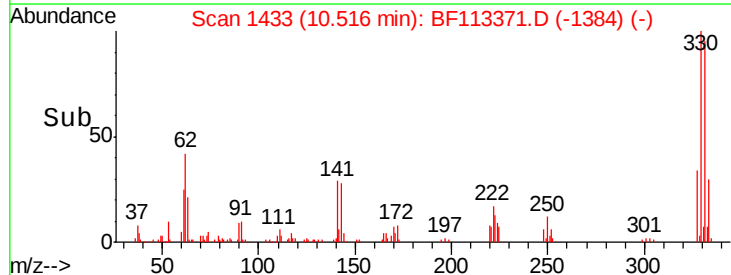
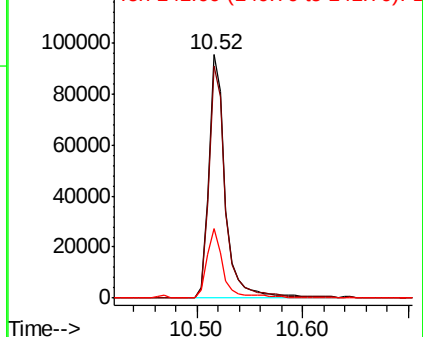


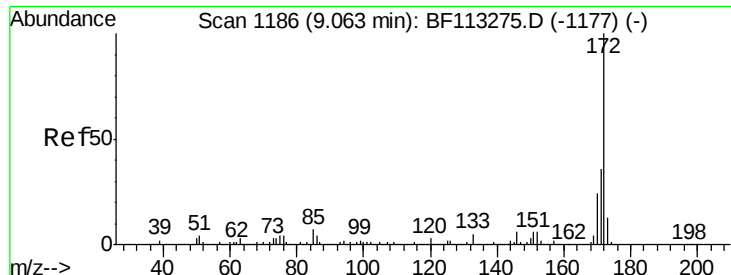
#42
 2,4,6-Tribromophenol
 Concen: 29.326 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF113371.D
 Acq: 28 Mar 2019 13:45

Tgt Ion:330 Resp: 104901
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.8 116.6
 141 26.8 22.7 34.1



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

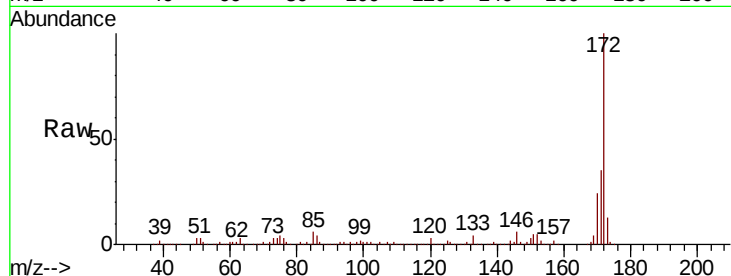




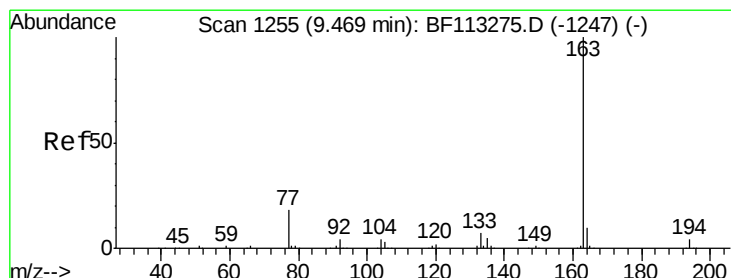
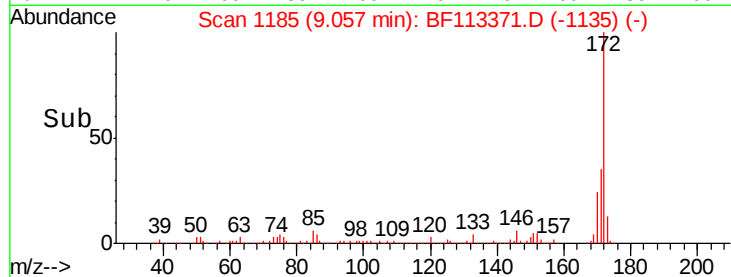
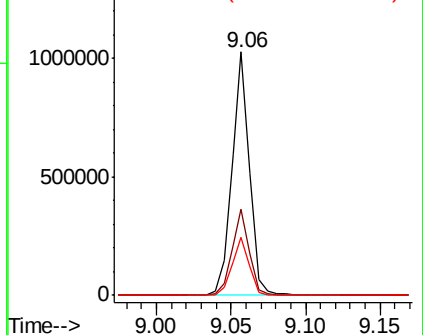
#45
2-Fluorobiphenyl
Concen: 36.121 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.00 min
Lab File: BF113371.D
Acq: 28 Mar 2019 13:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.0	43.6
170	24.0	19.5	29.3

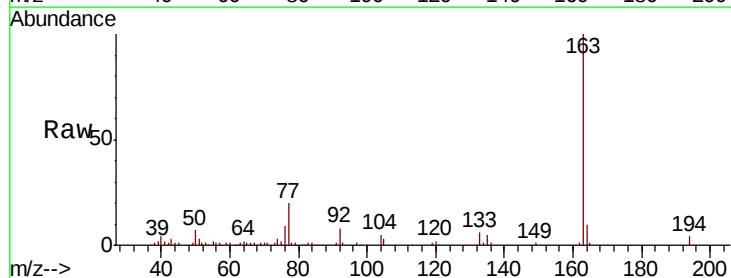


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

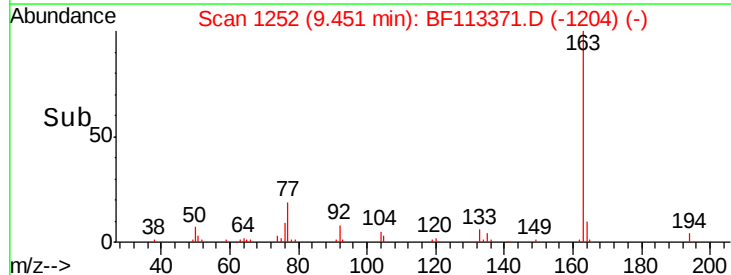
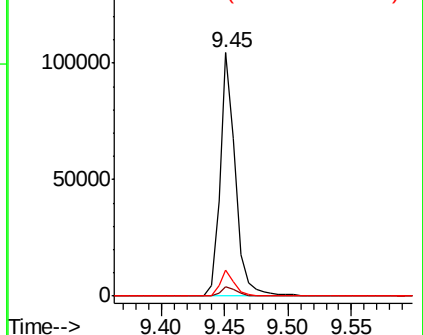


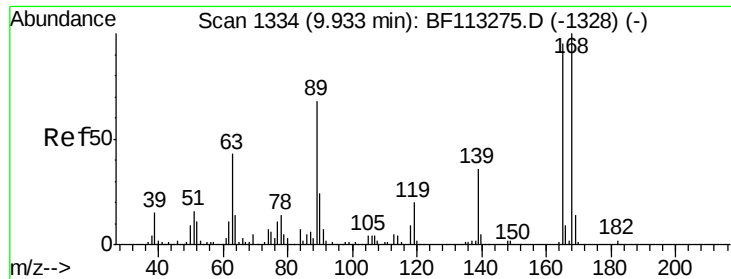
#50
Dimethylphthalate
Concen: 4.150 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF113371.D
Acq: 28 Mar 2019 13:45

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.6
164	10.5	8.1	12.1



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

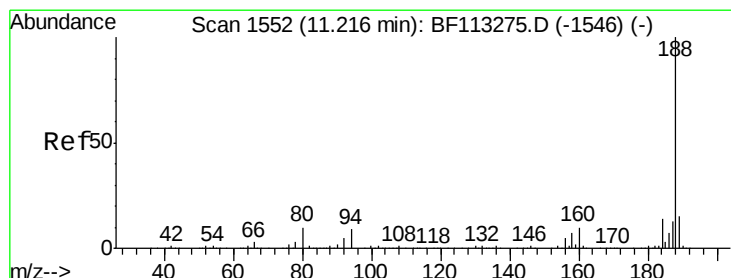
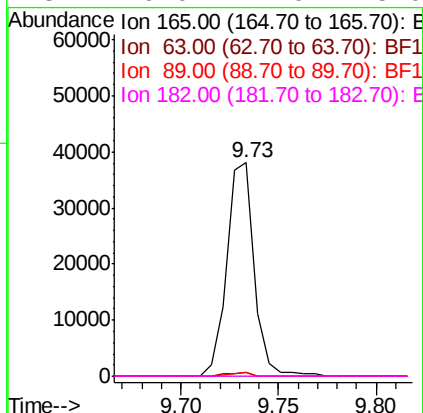
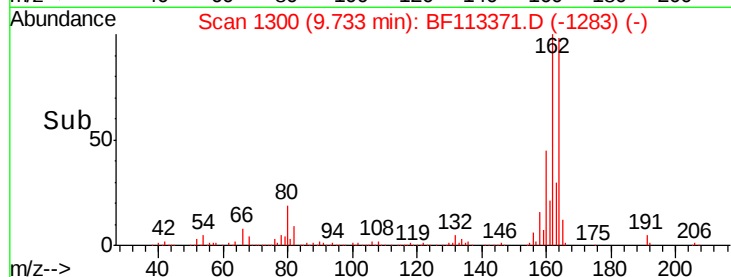
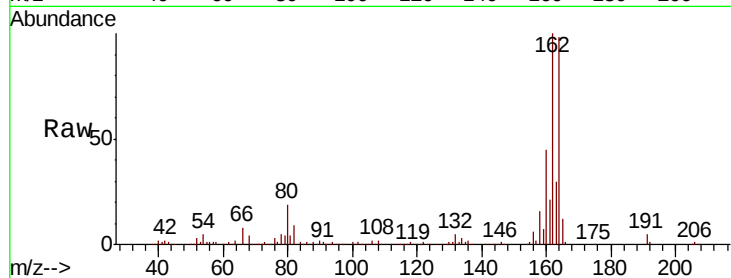




#57
 2,4-Dinitrotoluene
 Concen: 6.006 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.20 min
 Lab File: BF113371.D
 Acq: 28 Mar 2019 13:45

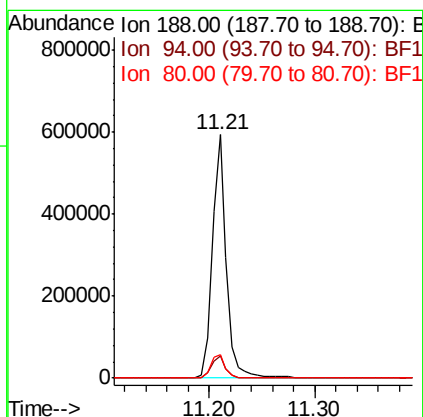
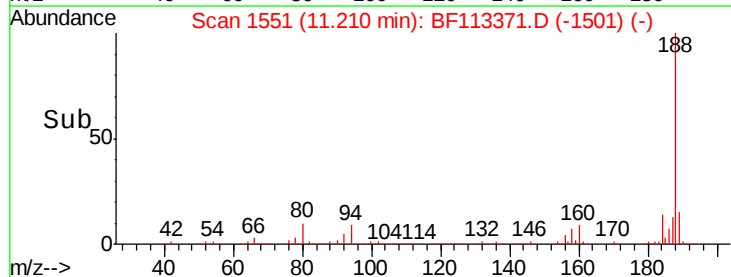
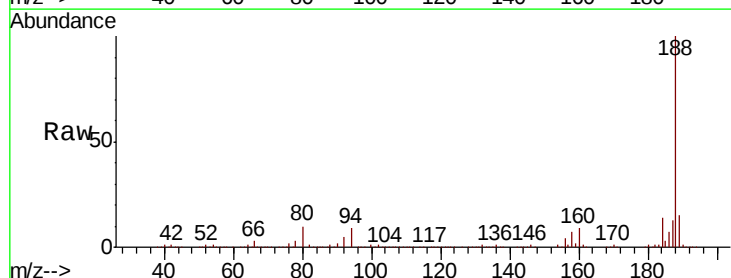
Instrument :
 BNA_F
 ClientSampleId :

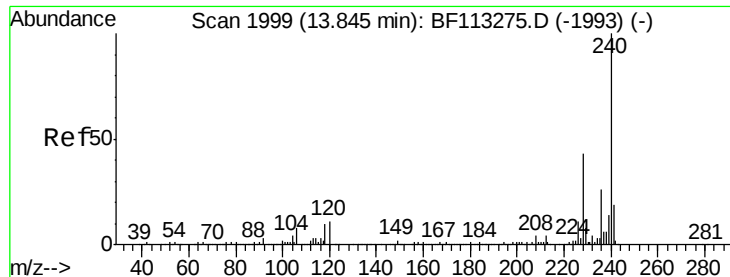
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.8	37.5	56.3#
89	1.6	57.4	86.2#
182	0.0	2.0	3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF113371.D
 Acq: 28 Mar 2019 13:45

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.0	10.6
80	9.6	7.7	11.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF113371.D

Acq: 28 Mar 2019 13:45

Instrument :

BNA_F

ClientSampleId :

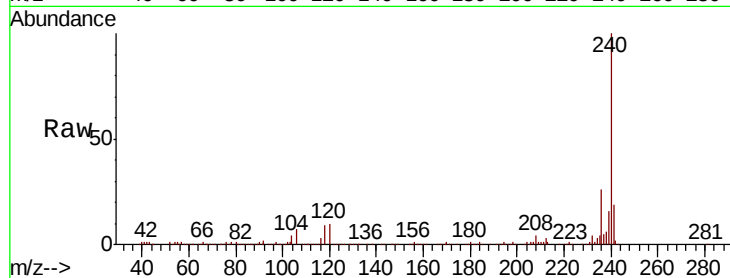
Tot Ion:240 Resp: 414217

Ion Ratio Lower Upper

240 100

120 10.2 8.8 13.2

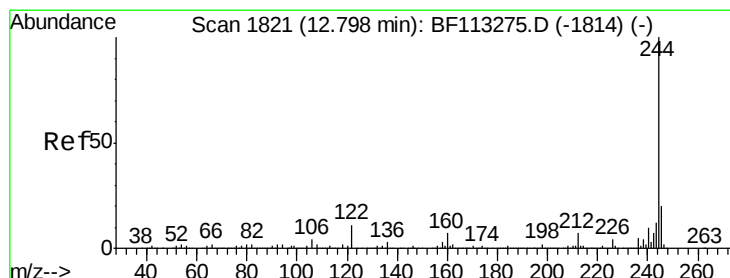
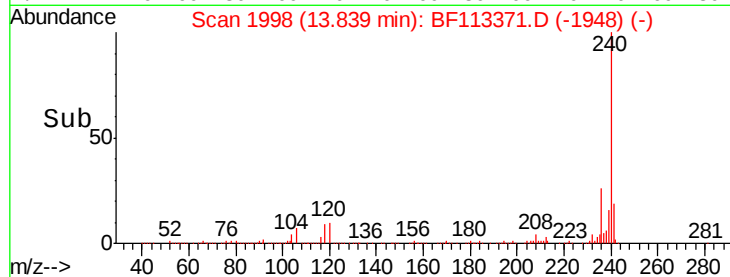
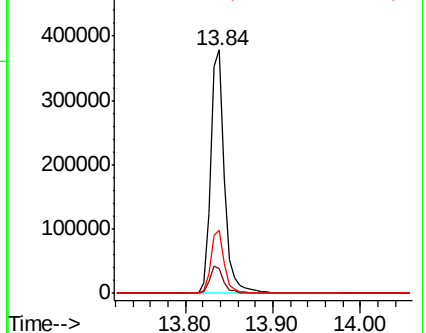
236 26.0 20.9 31.3



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: 44.658 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BF113371.D

Acq: 28 Mar 2019 13:45

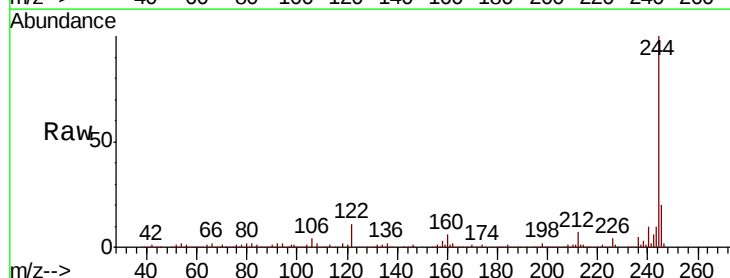
Tgt Ion:244 Resp: 839230

Ion Ratio Lower Upper

244 100

212 6.6 5.5 8.3

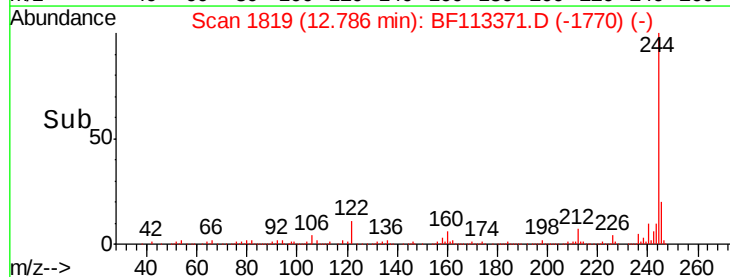
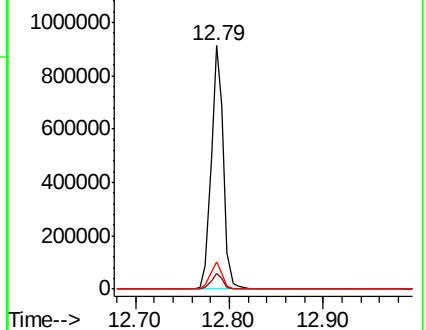
122 11.3 8.6 13.0

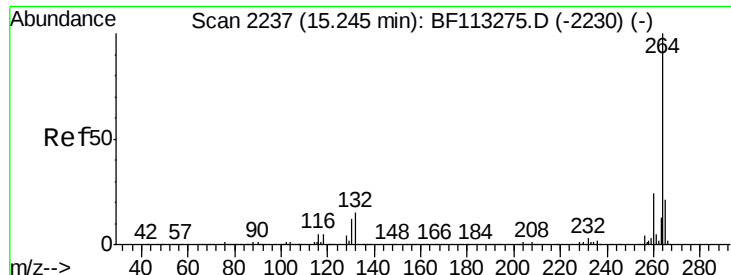


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

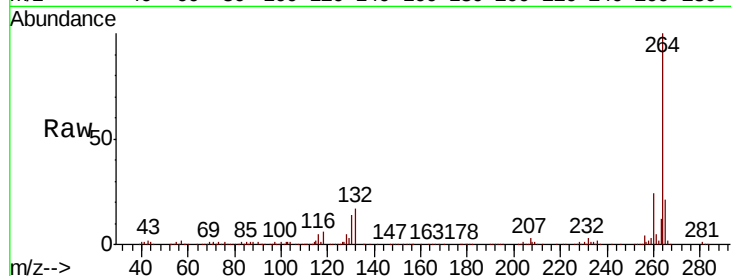




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.01 min
Lab File: BF113371.D
Acq: 28 Mar 2019 13:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.1	28.7
265	21.3	17.1	25.7



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

