

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083119\
 Data File : BF116689.D
 Acq On : 31 Aug 2019 10:41
 Operator : HP/JU
 Sample : K4527-17
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T9-12-13-P-(0-1.9)

Quant Time: Aug 31 17:15:52 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

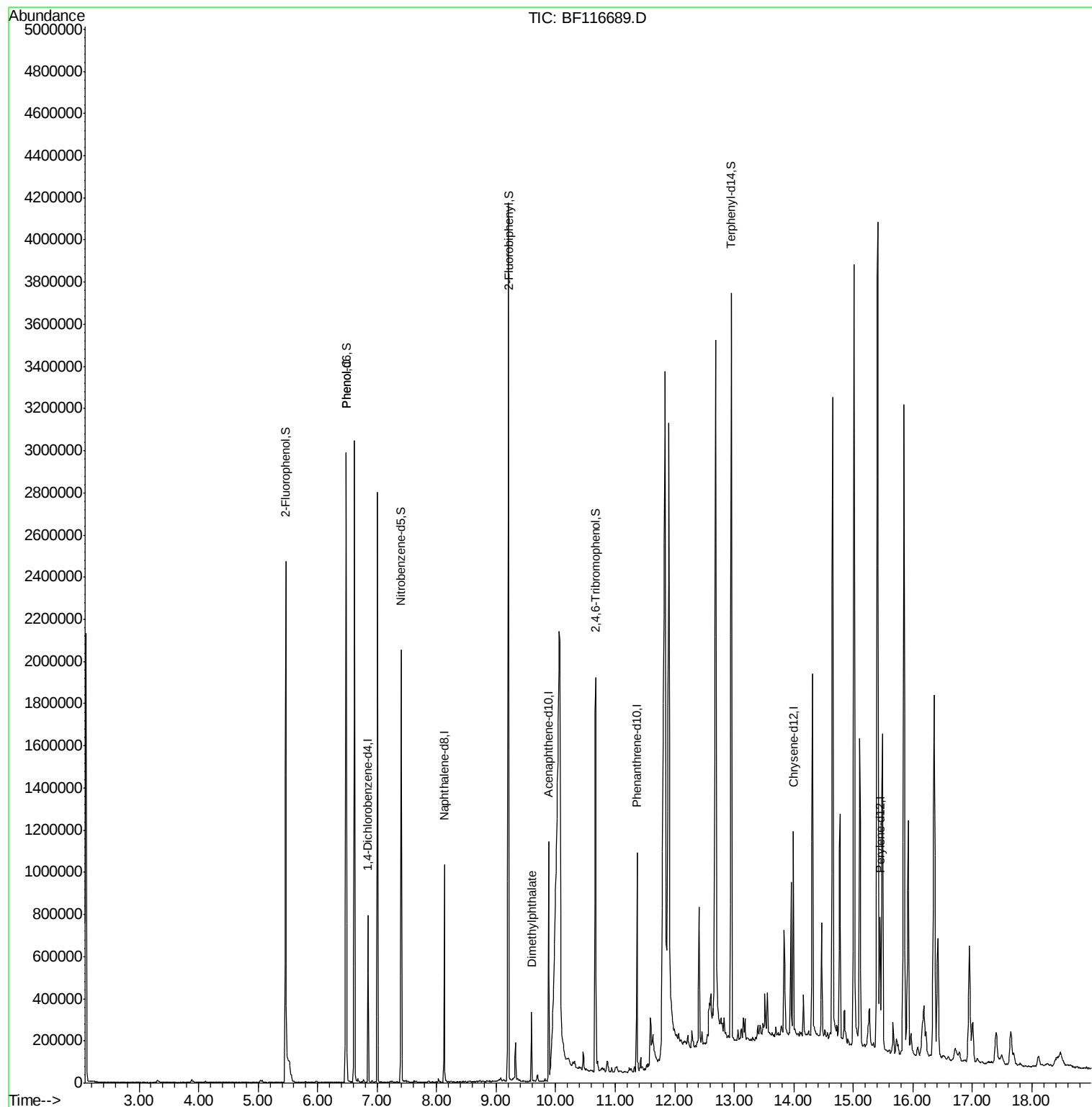
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	102836	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	400813	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	205384	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	343557	20.00	ng	0.00
76) Chrysene-d12	13.99	240	273928	20.00	ng	0.00
87) Perylene-d12	15.44	264	265715	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	880714	138.75	ng	0.00
7) Phenol-d6	6.48	99	1151258	138.12	ng	0.00
23) Nitrobenzene-d5	7.40	82	723804	103.09	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	199497	145.30	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1193119	98.00	ng	0.00
79) Terphenyl-d14	12.95	244	1232313	83.22	ng	0.00
Target Compounds						
10) Phenol	6.49	94	46057	4.990	ng	90
50) Dimethylphthalate	9.59	163	112013	7.900	ng	100

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

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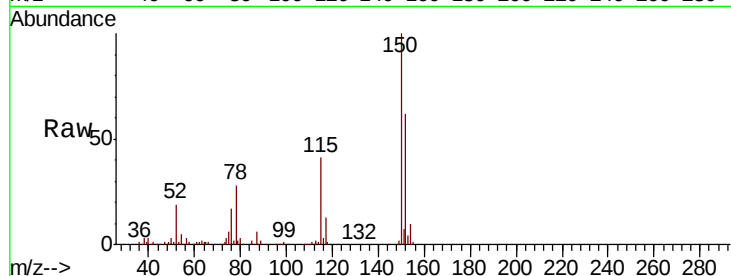


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116689.D
Acq: 31 Aug 2019 10:41

Instrument :
BNA_F
ClientSampleId :
T9-12-13-P-(0-1.9)

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.5	124.4	186.6
115	66.3	49.9	74.9

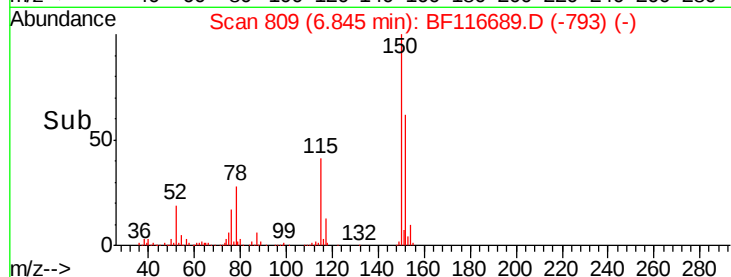
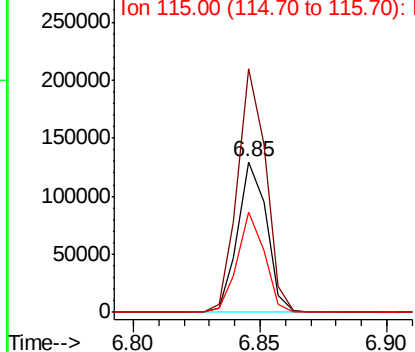


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

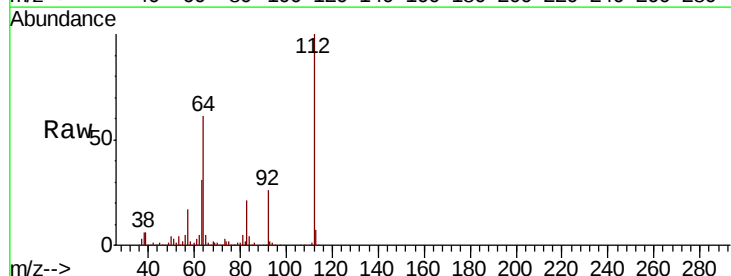
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 138.746 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF116689.D
Acq: 31 Aug 2019 10:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.8	47.1	70.7
63	31.2	24.9	37.3

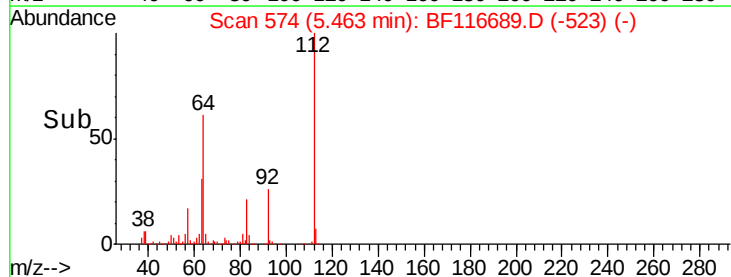
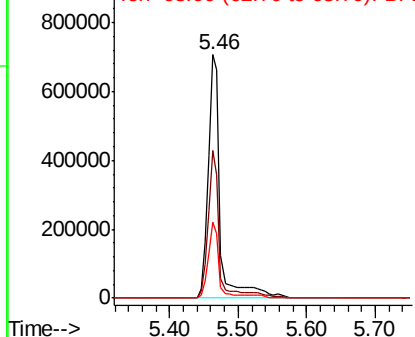


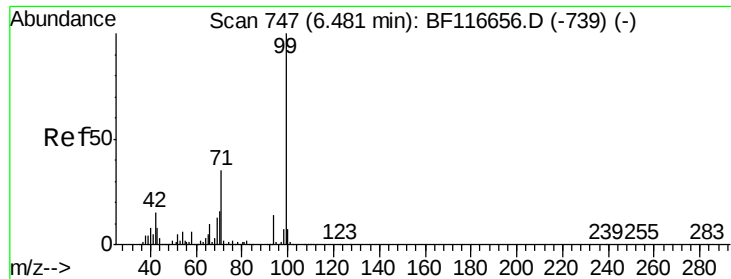
Abundance

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: 138.120 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF116689.D

Acq: 31 Aug 2019 10:41

Instrument :

BNA_F

ClientSampleId :

T9-12-13-P-(0-1.9)

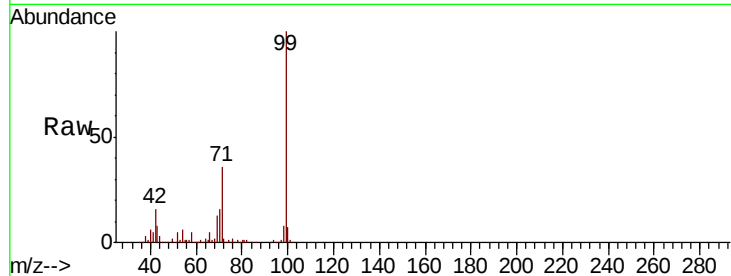
Tot Ion: 99 Resp: 1151258

Ion Ratio Lower Upper

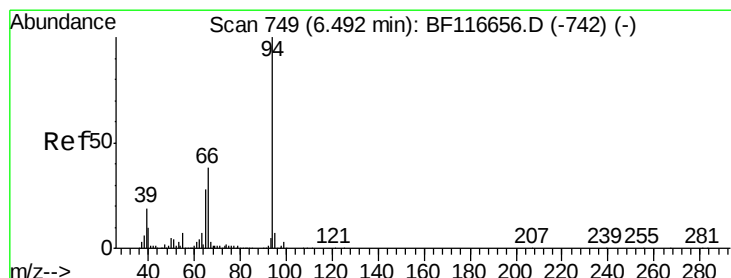
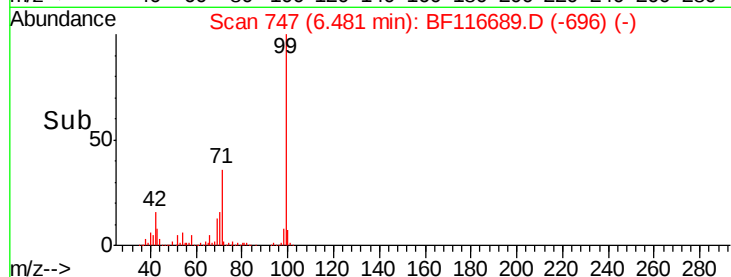
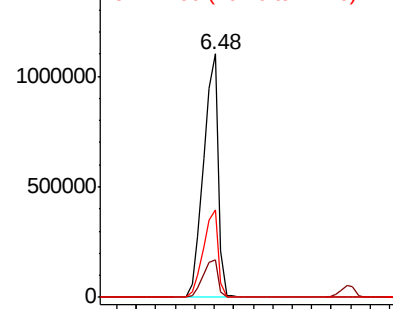
99 100

42 15.5 13.7 20.5

71 35.8 30.8 46.2



Abundance Ion 99.00 (98.70 to 99.70): BF1
1500000
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 4.990 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF116689.D

Acq: 31 Aug 2019 10:41

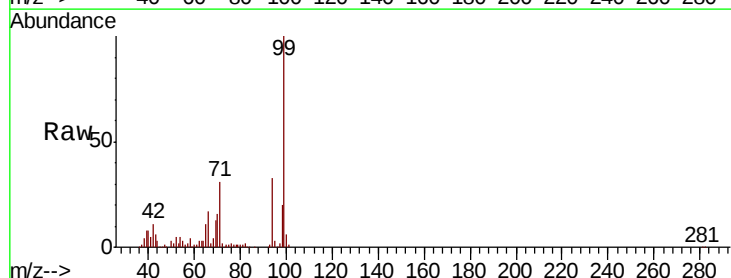
Tgt Ion: 94 Resp: 46057

Ion Ratio Lower Upper

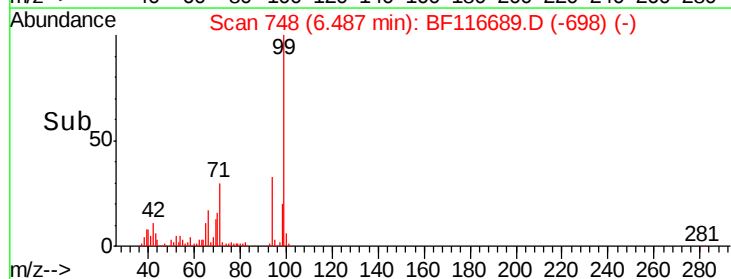
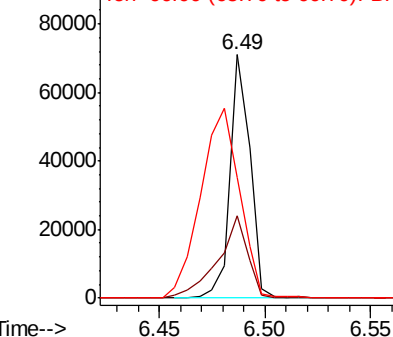
94 100

65 33.8 10.8 50.8

66 49.7 21.1 61.1



Abundance Ion 94.00 (93.70 to 94.70): BF1
80000
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

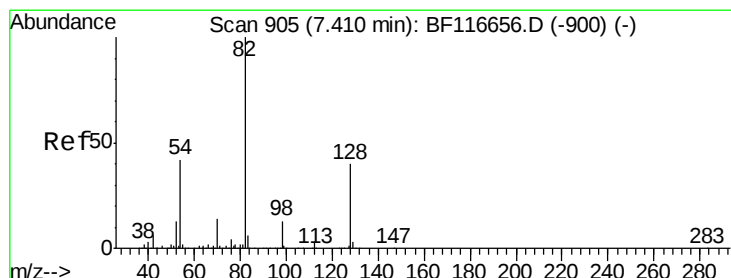
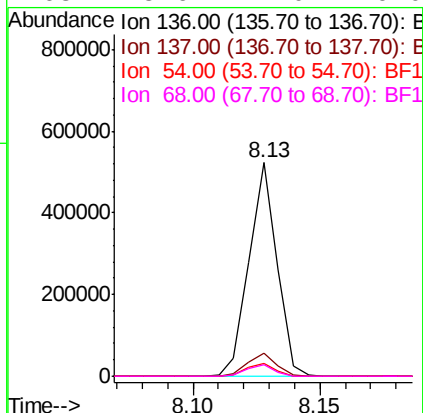
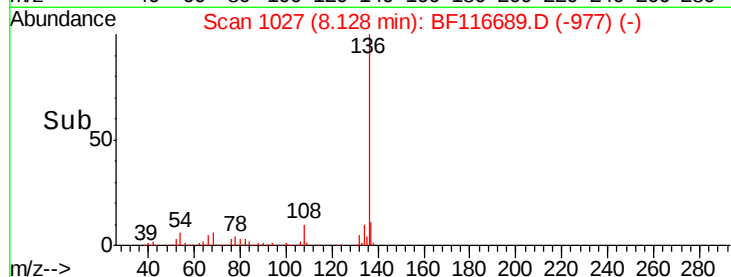
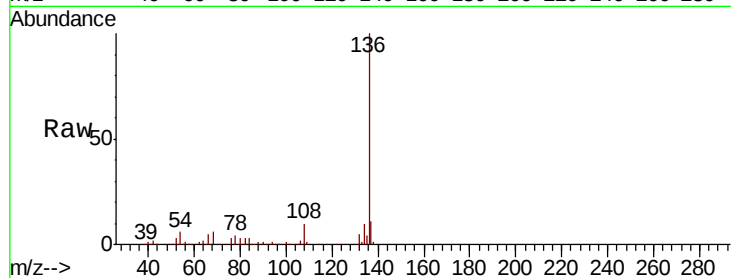




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF116689.D
Acq: 31 Aug 2019 10:41

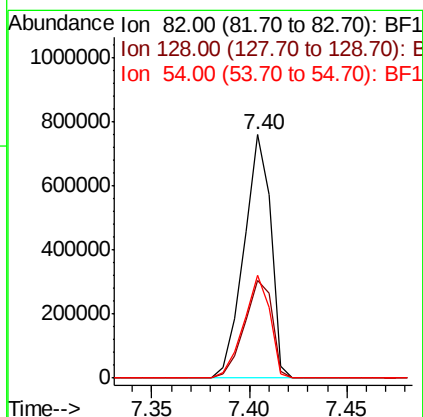
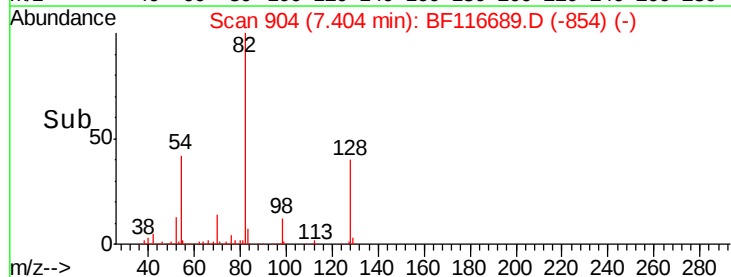
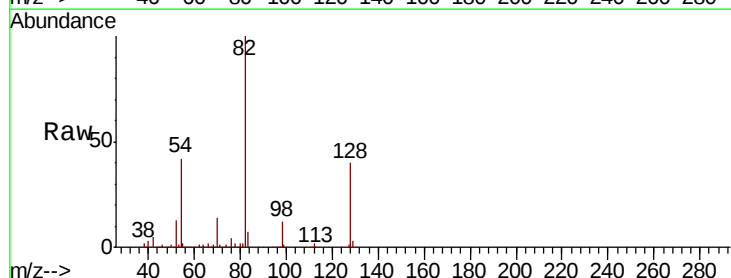
Instrument :
BNA_F
ClientSampleId :
T9-12-13-P-(0-1.9)

Tot Ion:136	Resp:	400813
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.9 13.3
54	6.3	4.8 7.2
68	5.6	4.0 6.0



#23
Nitrobenzene-d5
Concen: 103.091 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF116689.D
Acq: 31 Aug 2019 10:41

Tgt Ion: 82	Resp:	723804
Ion Ratio	Lower	Upper
82	100	
128	40.2	32.8 49.2
54	42.0	36.9 55.3

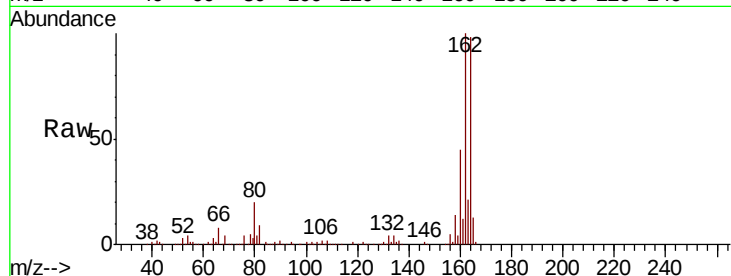




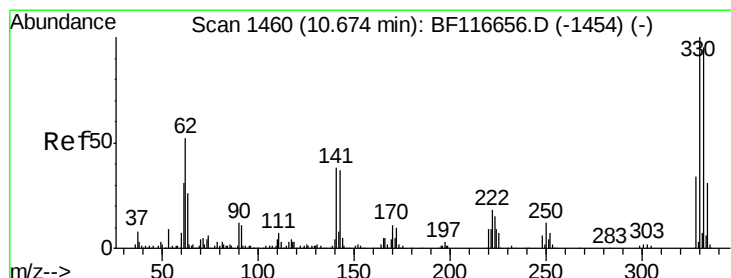
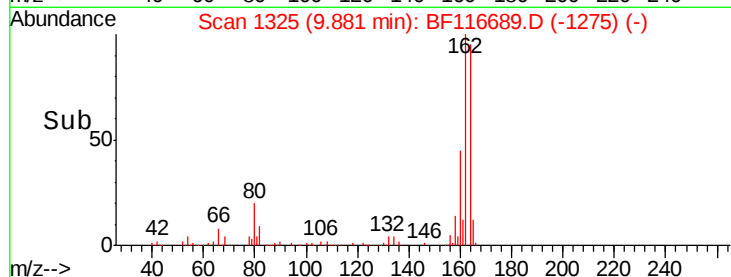
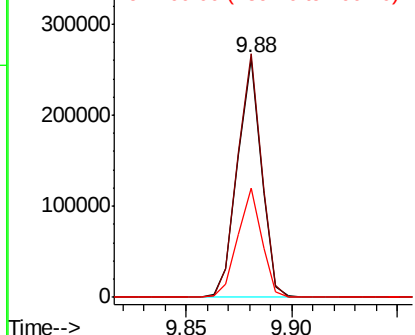
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF116689.D
Acq: 31 Aug 2019 10:41

Instrument :
BNA_F
ClientSampleId :
T9-12-13-P-(0-1.9)

Tot Ion:164 Resp: 205384
Ion Ratio Lower Upper
164 100
162 101.9 81.4 122.0
160 45.8 35.4 53.2

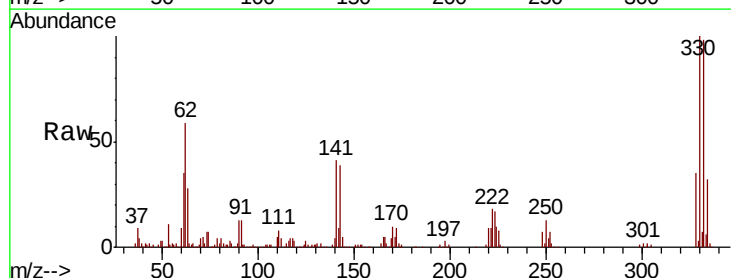


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

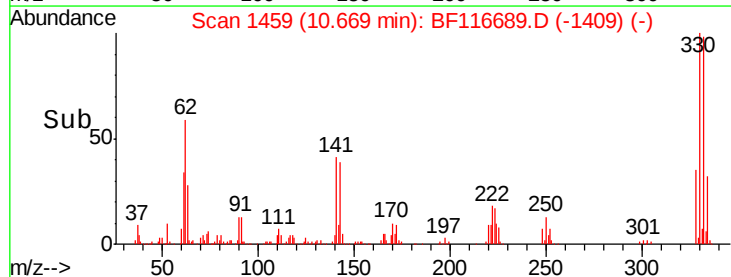
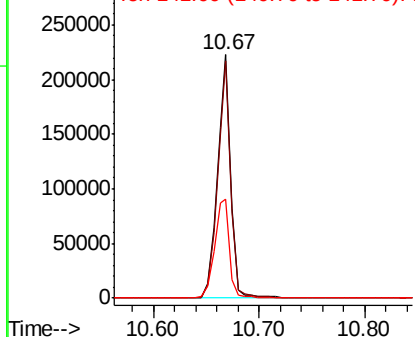


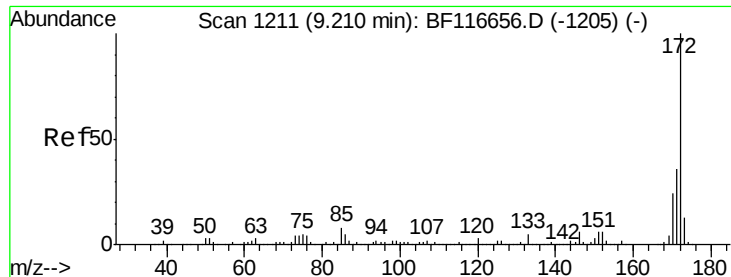
#42
2,4,6-Tribromophenol
Concen: 145.296 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF116689.D
Acq: 31 Aug 2019 10:41

Tgt Ion:330 Resp: 199497
Ion Ratio Lower Upper
330 100
332 96.0 76.9 115.3
141 45.6 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

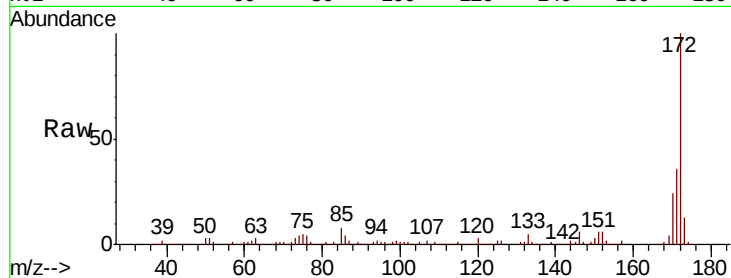




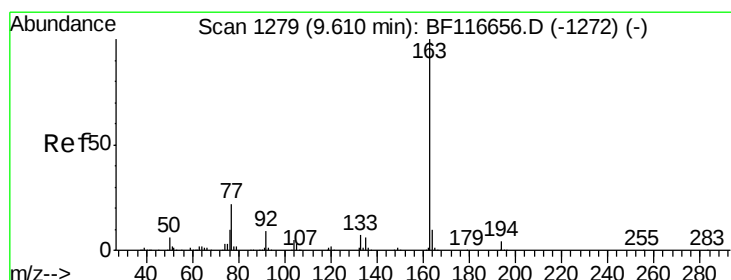
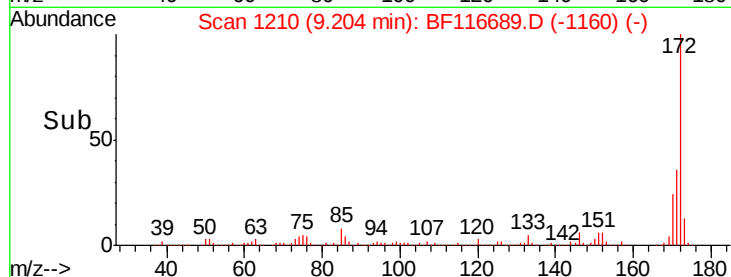
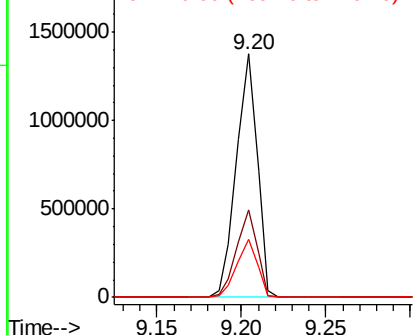
#45
2-Fluorobiphenyl
Concen: 97.995 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BF116689.D
Acq: 31 Aug 2019 10:41

Instrument :
BNA_F
ClientSampleId :
T9-12-13-P-(0-1.9)

Tot Ion:172 Resp: 1193119
Ion Ratio Lower Upper
172 100
171 35.9 27.8 41.6
170 24.1 18.9 28.3

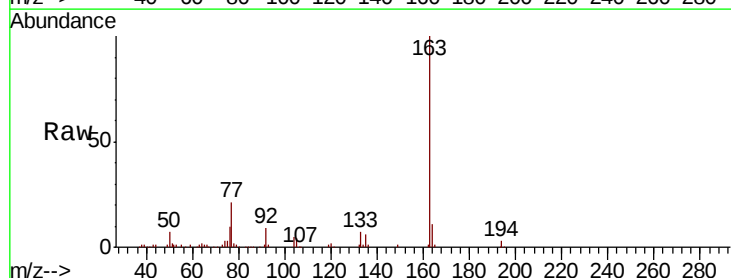


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

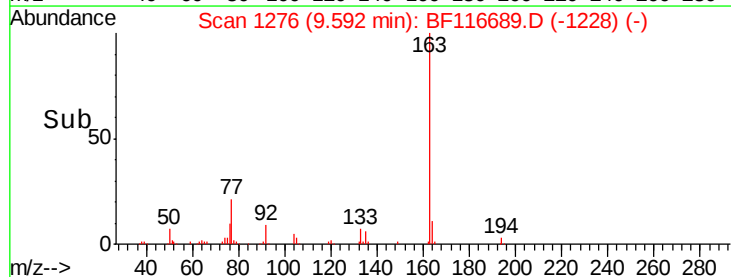
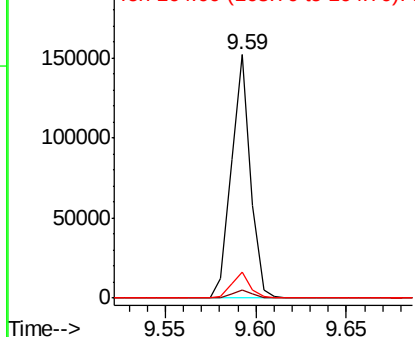


#50
Dimethylphthalate
Concen: 7.900 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF116689.D
Acq: 31 Aug 2019 10:41

Tgt Ion:163 Resp: 112013
Ion Ratio Lower Upper
163 100
194 3.3 2.8 4.2
164 10.6 8.6 12.8



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

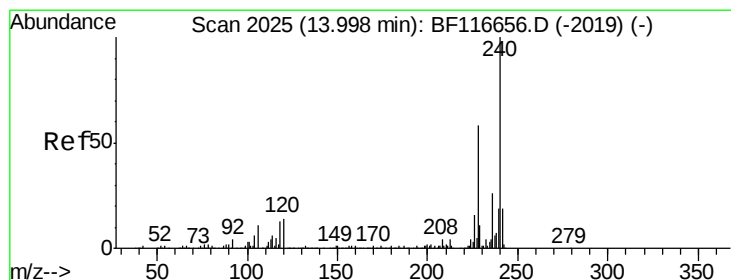
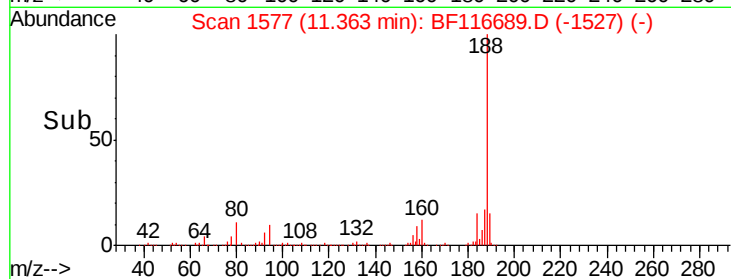
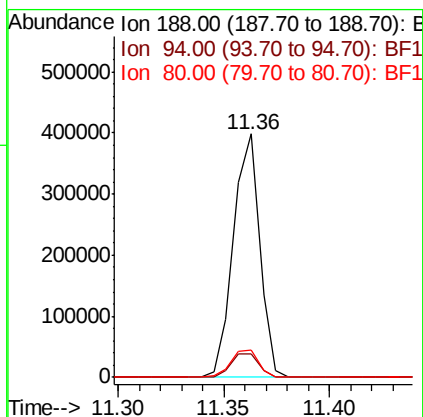
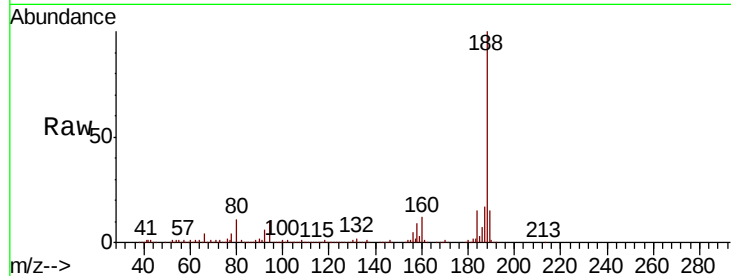




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF116689.D
Acq: 31 Aug 2019 10:41

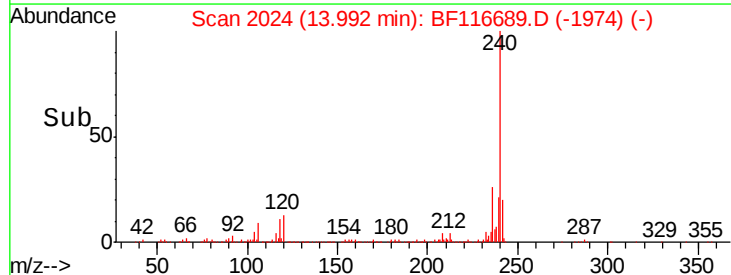
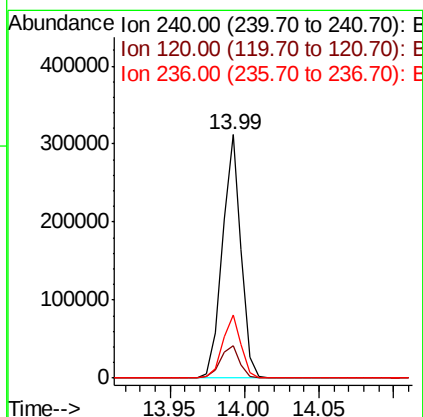
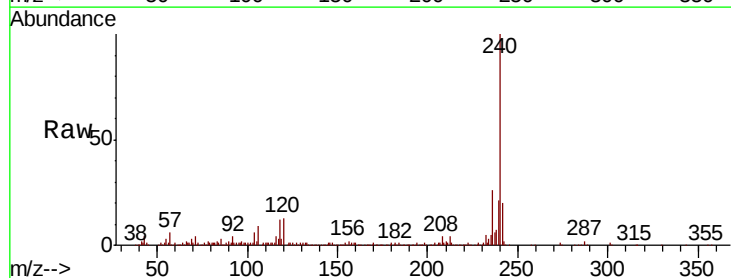
Instrument :
BNA_F
ClientSampleId :
T9-12-13-P-(0-1.9)

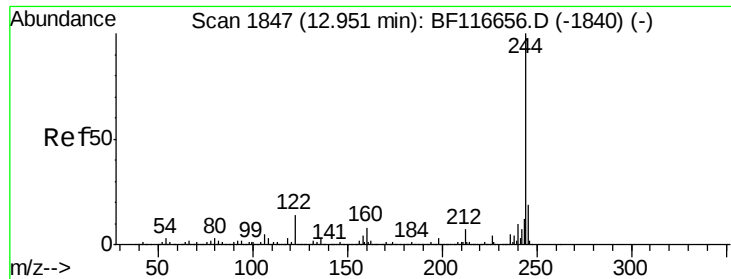
Tot Ion:188 Resp: 343557
Ion Ratio Lower Upper
188 100
94 9.5 7.3 10.9
80 11.0 8.4 12.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF116689.D
Acq: 31 Aug 2019 10:41

Tgt Ion:240 Resp: 273928
Ion Ratio Lower Upper
240 100
120 13.1 9.1 13.7
236 25.9 21.1 31.7





#79

Terphenyl-d14

Concen: 83.223 ng

RT: 12.95 min Scan# 1847

Delta R.T. 0.00 min

Lab File: BF116689.D

Acq: 31 Aug 2019 10:41

Instrument :

BNA_F

ClientSampleId :

T9-12-13-P-(0-1.9)

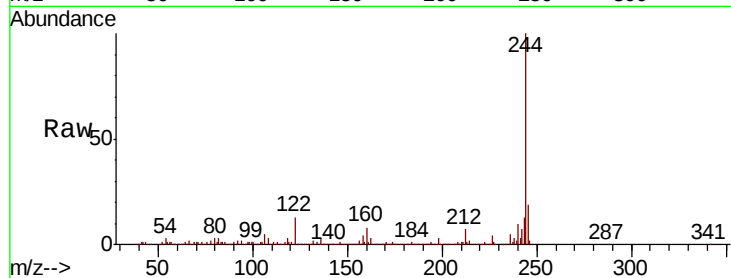
Tot Ion:244 Resp: 1232313

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

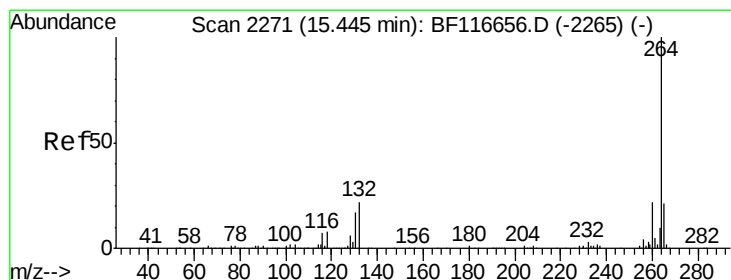
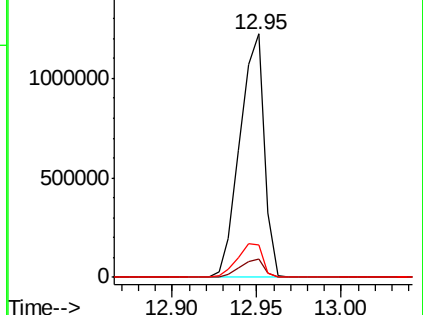
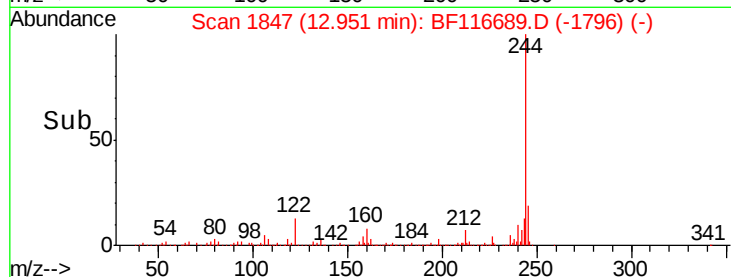
122 13.3 10.2 15.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.44 min Scan# 2271

Delta R.T. 0.00 min

Lab File: BF116689.D

Acq: 31 Aug 2019 10:41

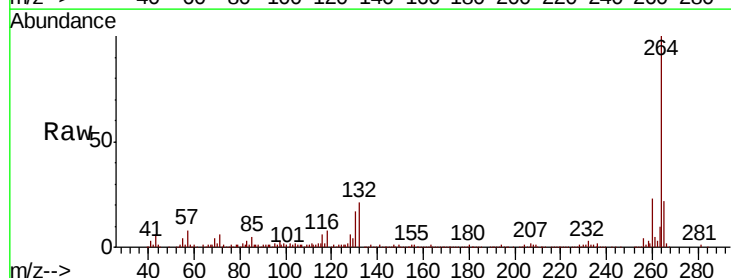
Tgt Ion:264 Resp: 265715

Ion Ratio Lower Upper

264 100

260 23.4 18.3 27.5

265 21.8 16.5 24.7



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

