

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090119\
 Data File : BF116755.D
 Acq On : 1 Sep 2019 20:57
 Operator : HP/JU
 Sample : K4546-12
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T3-S-A

Quant Time: Sep 02 06:48:42 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

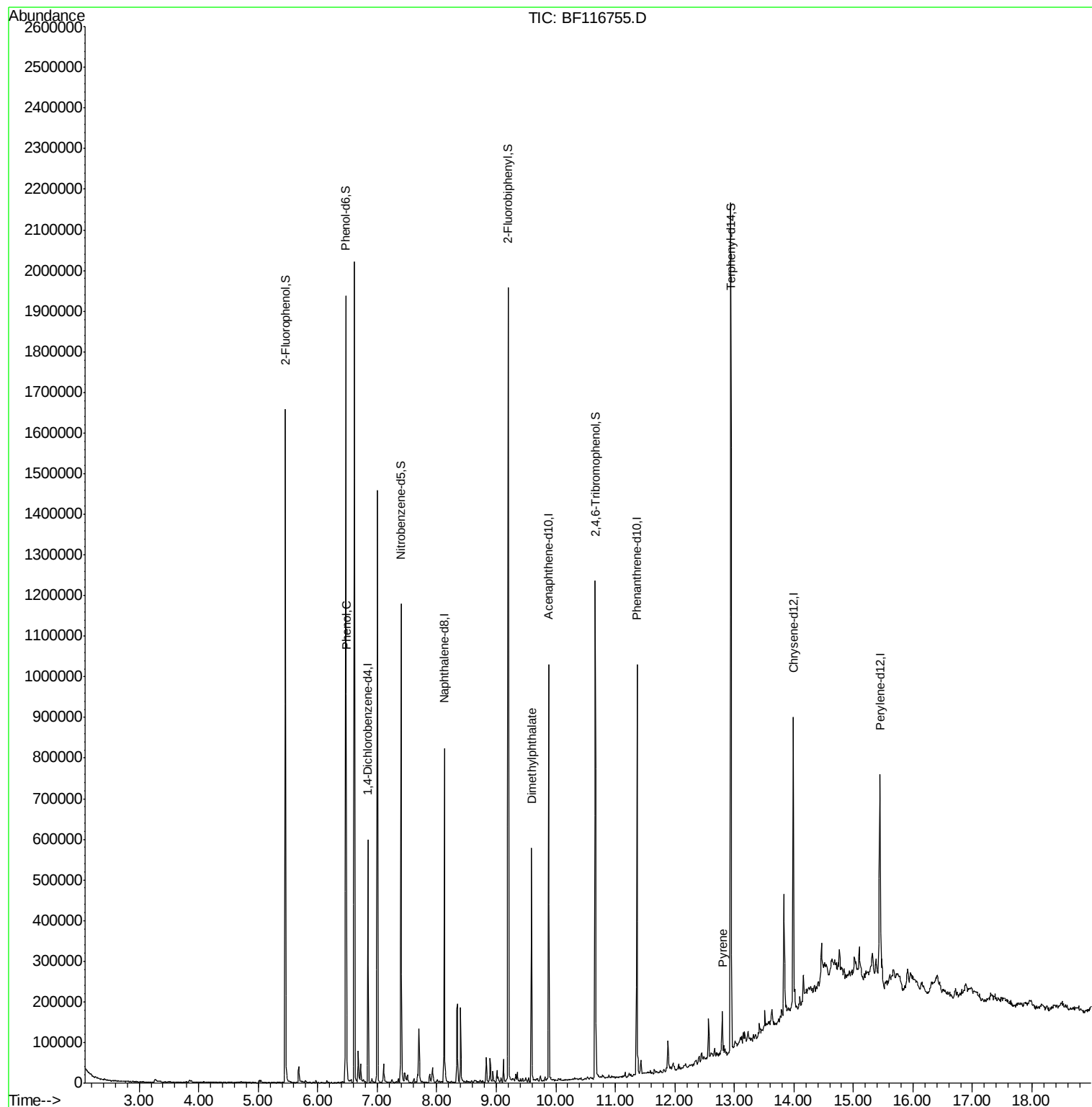
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	75556	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	326565	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	188715	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	335204	20.00	ng	0.00
76) Chrysene-d12	13.99	240	221897	20.00	ng	0.00
87) Perylene-d12	15.44	264	217022	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	469378	100.64	ng	0.00
7) Phenol-d6	6.47	99	647859	105.79	ng	0.00
23) Nitrobenzene-d5	7.40	82	378826	66.22	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	118737	94.12	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	613230	54.82	ng	0.00
79) Terphenyl-d14	12.94	244	636132	53.03	ng	-0.01
Target Compounds						
10) Phenol	6.49	94	18663	2.752	ng	96
50) Dimethylphthalate	9.59	163	199385	15.303	ng	98
78) Pyrene	12.80	202	39544	2.005	ng	98

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

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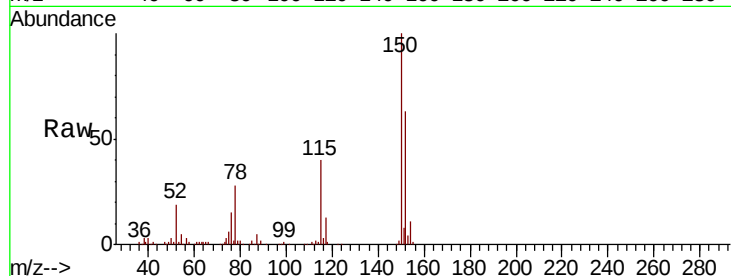


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116755.D
Acq: 1 Sep 2019 20:57

Instrument :
BNA_F
ClientSampleId :
T3-S-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.5	124.4	186.6
115	64.2	49.9	74.9

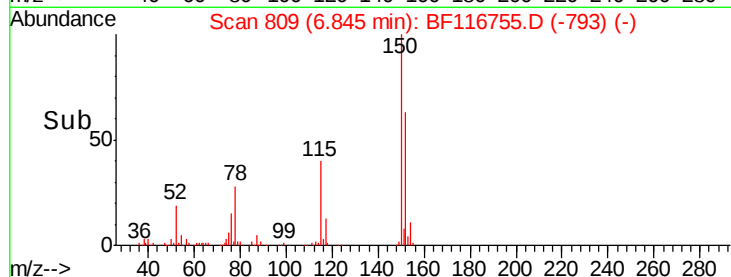
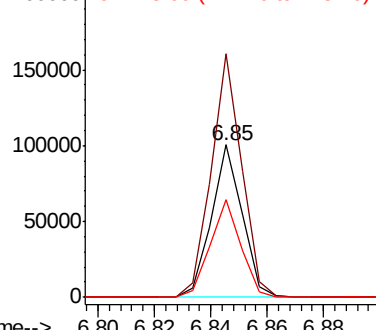


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

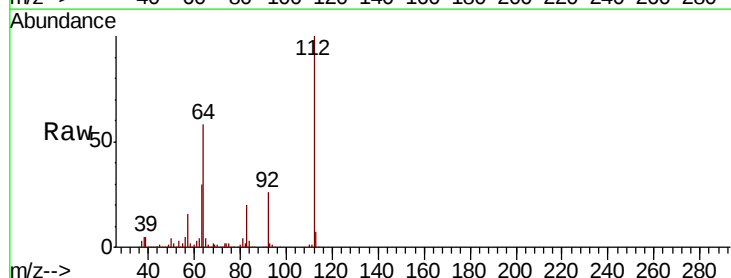
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 100.643 ng
RT: 5.46 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF116755.D
Acq: 1 Sep 2019 20:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.9	47.1	70.7
63	29.5	24.9	37.3

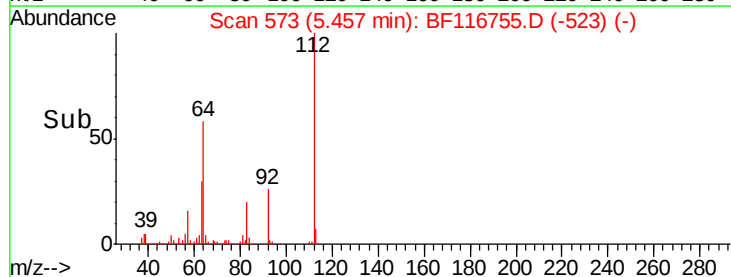
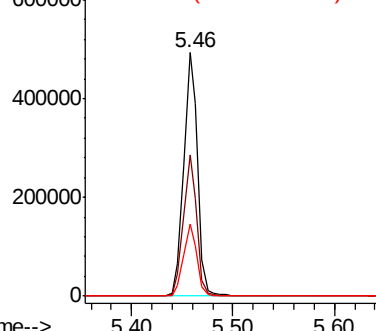


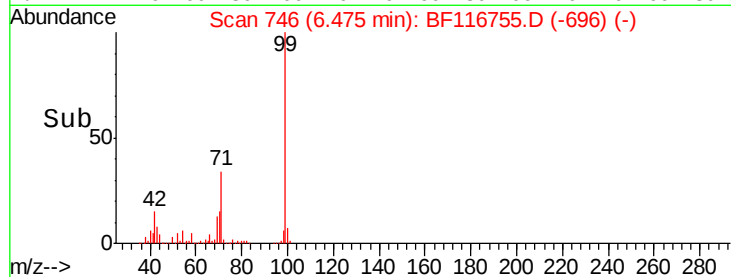
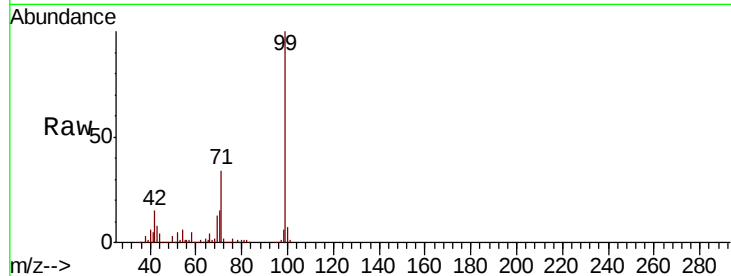
Abundance

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: 105.789 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116755.D

Acq: 1 Sep 2019 20:57

Instrument :

BNA_F

ClientSampled :

T3-S-A

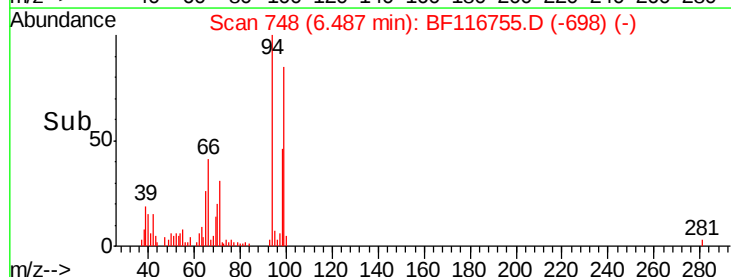
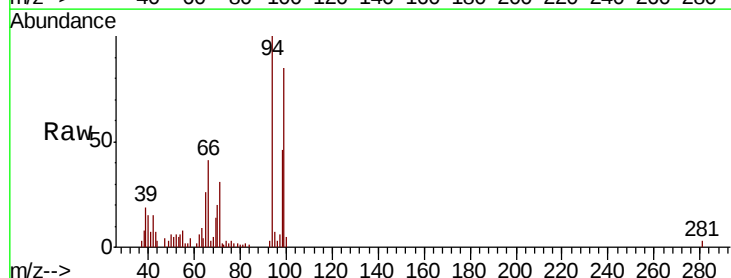
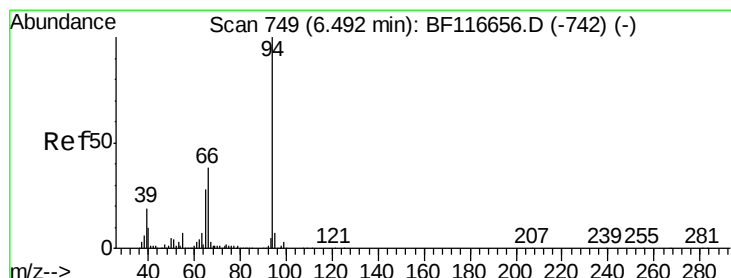
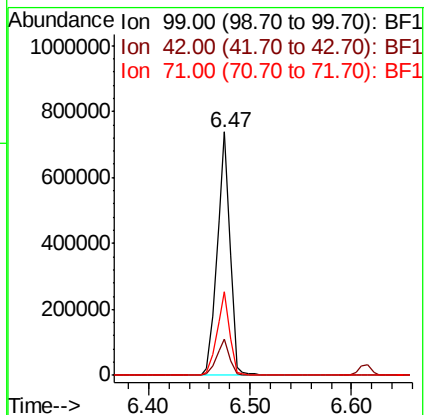
Tot Ion: 99 Resp: 647859

Ion Ratio Lower Upper

99 100

42 15.1 13.7 20.5

71 34.4 30.8 46.2



#10

Phenol

Concen: 2.752 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF116755.D

Acq: 1 Sep 2019 20:57

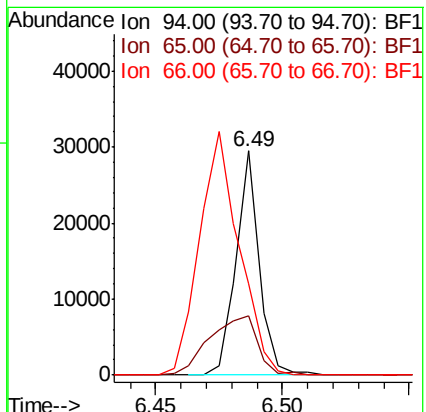
Tgt Ion: 94 Resp: 18663

Ion Ratio Lower Upper

94 100

65 26.4 10.8 50.8

66 41.0 21.1 61.1

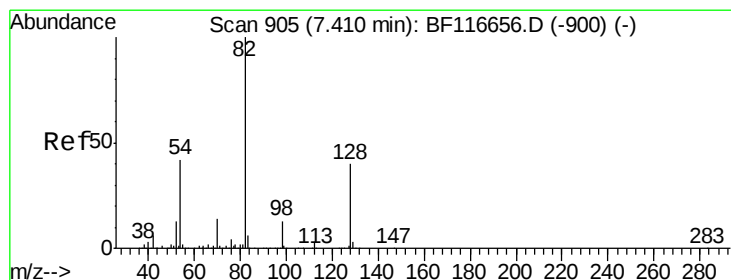
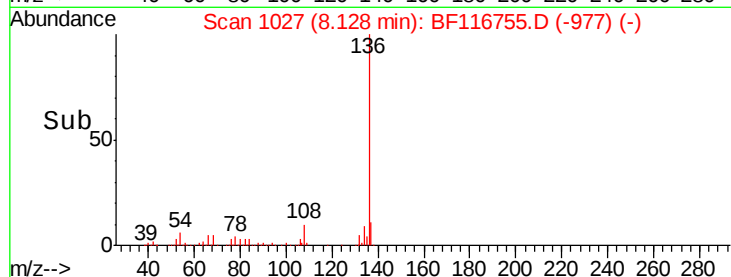
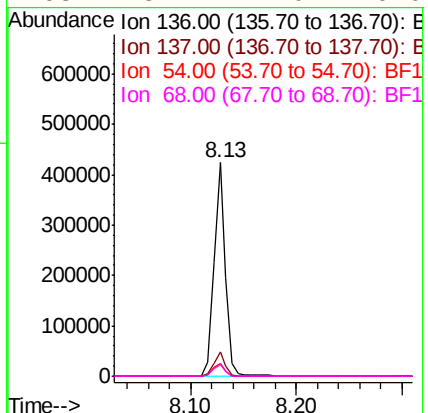
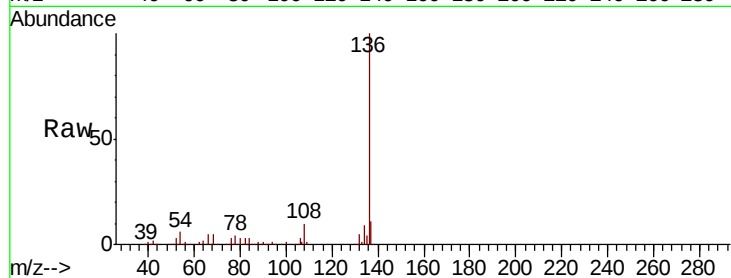




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF116755.D
Acq: 1 Sep 2019 20:57

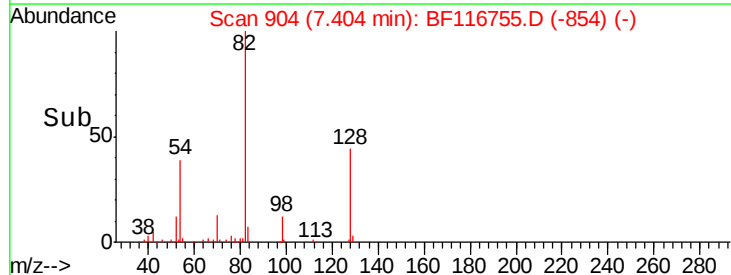
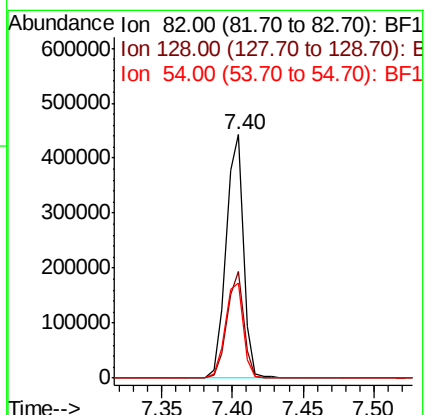
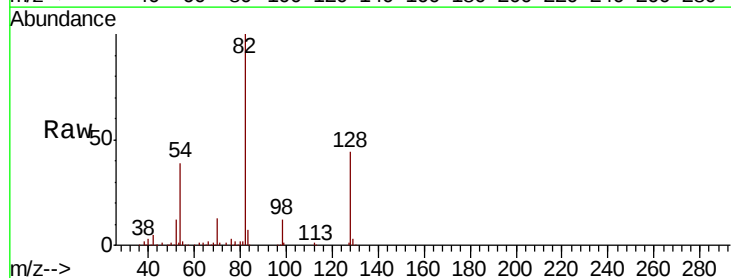
Instrument :
BNA_F
ClientSampleId :
T3-S-A

Tot Ion:136	Resp:	326565
Ion	Ratio	Lower Upper
136	100	
137	11.3	8.9 13.3
54	5.8	4.8 7.2
68	5.2	4.0 6.0



#23
Nitrobenzene-d5
Concen: 66.223 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF116755.D
Acq: 1 Sep 2019 20:57

Tgt Ion: 82	Resp:	378826
Ion	Ratio	Lower Upper
82	100	
128	43.8	32.8 49.2
54	38.9	36.9 55.3

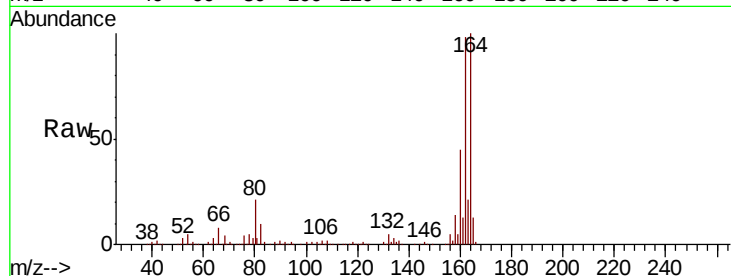




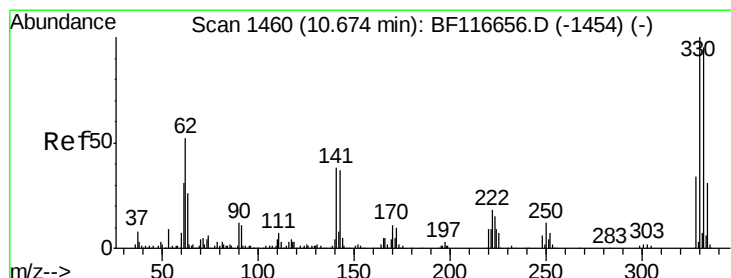
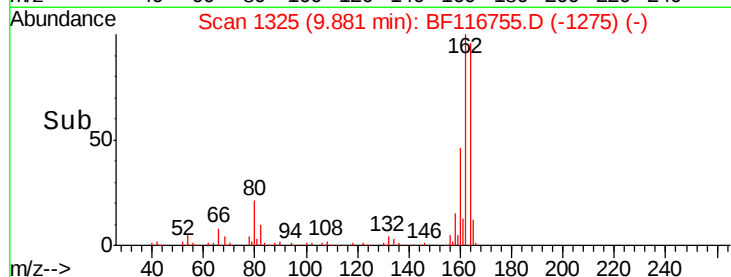
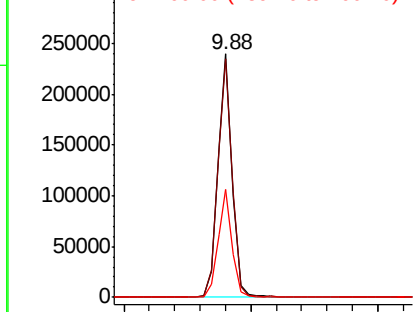
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF116755.D
Acq: 1 Sep 2019 20:57

Instrument :
BNA_F
ClientSampleId :
T3-S-A

Tot Ion:164 Resp: 188715
Ion Ratio Lower Upper
164 100
162 97.8 81.4 122.0
160 44.6 35.4 53.2

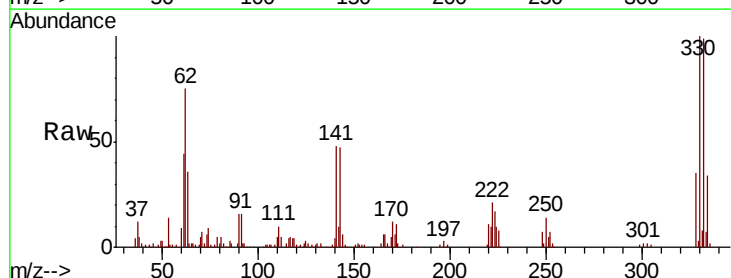


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

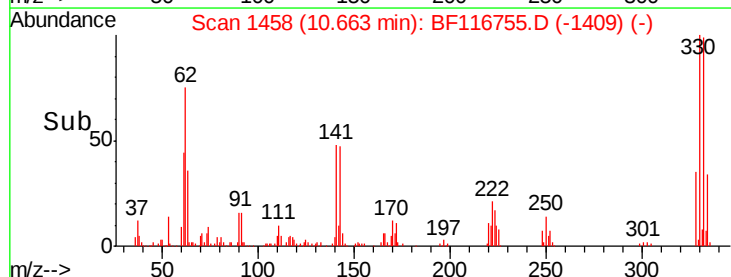
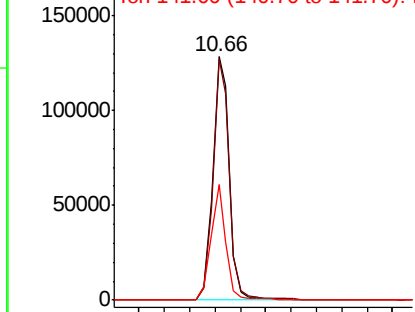


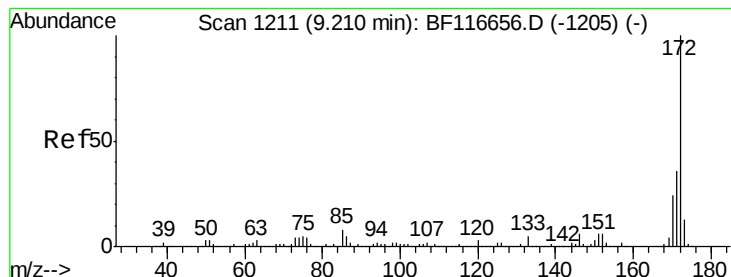
#42
2,4,6-Tribromophenol
Concen: 94.116 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.01 min
Lab File: BF116755.D
Acq: 1 Sep 2019 20:57

Tgt Ion:330 Resp: 118737
Ion Ratio Lower Upper
330 100
332 97.0 76.9 115.3
141 42.8 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: 54.816 ng

RT: 9.20 min Scan# 1210

Delta R.T. -0.00 min

Lab File: BF116755.D

Acq: 1 Sep 2019 20:57

Instrument :

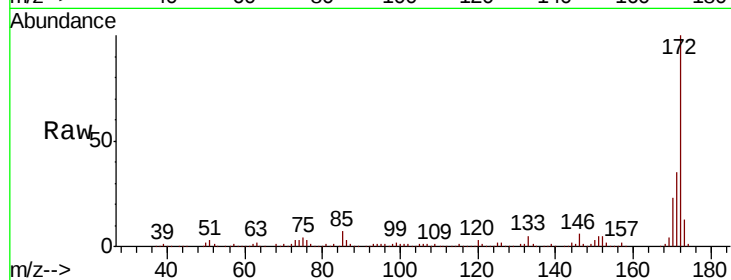
BNA_F

ClientSampleId :

T3-S-A

Tot Ion:172 Resp: 613230

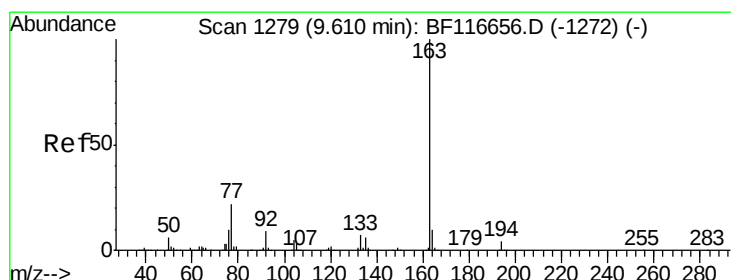
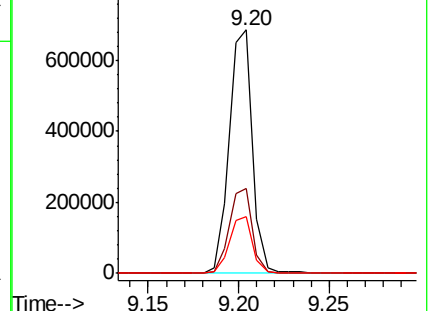
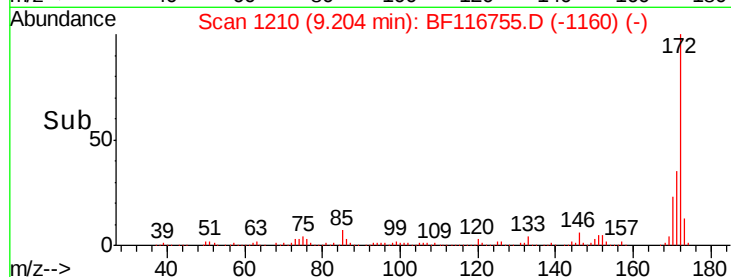
Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.8	41.6
170	23.4	18.9	28.3



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: 15.303 ng

RT: 9.59 min Scan# 1276

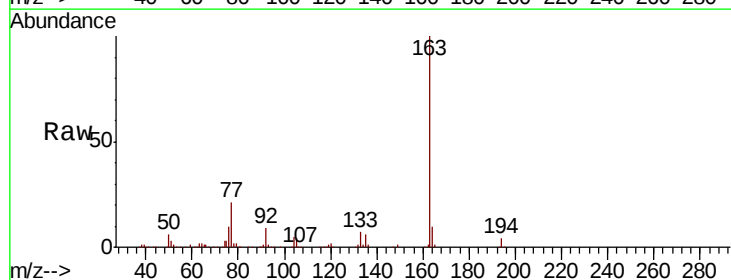
Delta R.T. -0.02 min

Lab File: BF116755.D

Acq: 1 Sep 2019 20:57

Tgt Ion:163 Resp: 199385

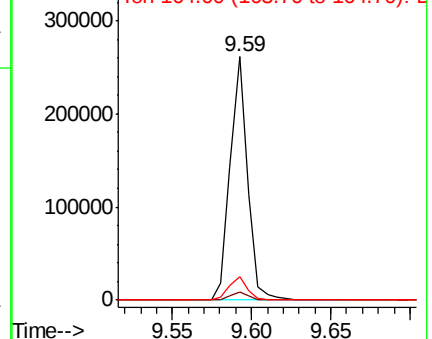
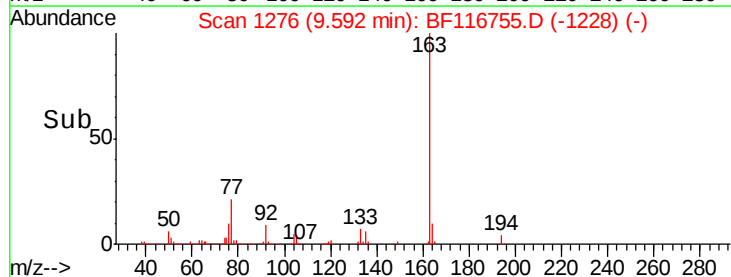
Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.8	4.2
164	9.8	8.6	12.8



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

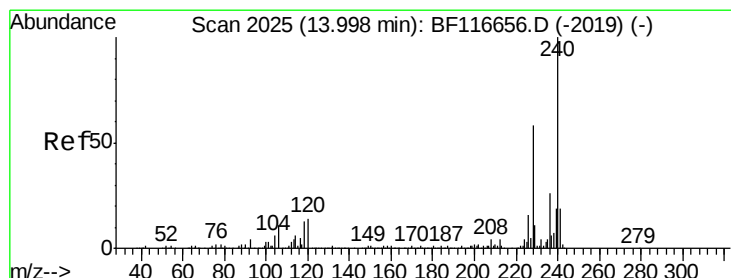
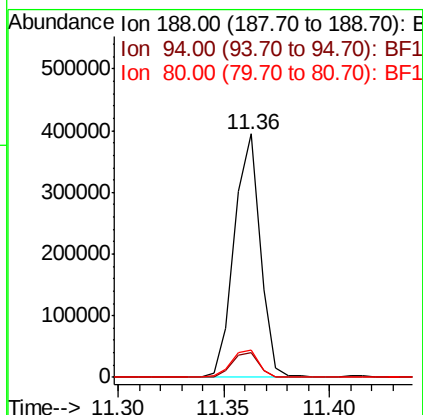
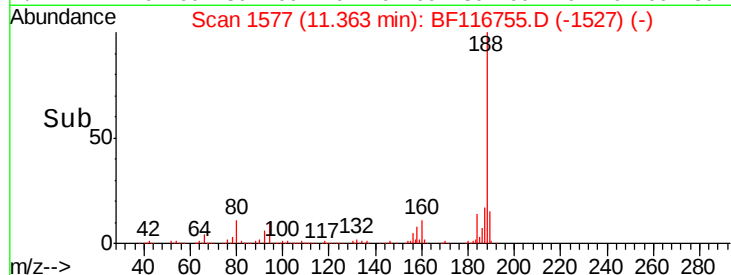
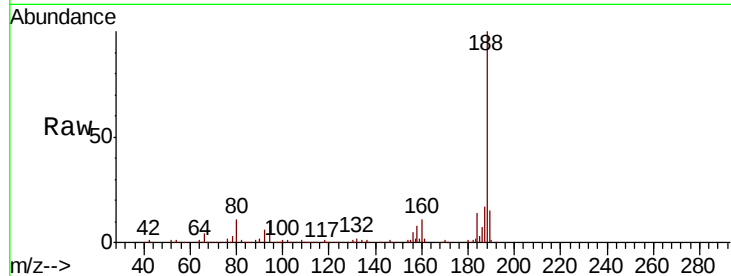




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF116755.D
Acq: 1 Sep 2019 20:57

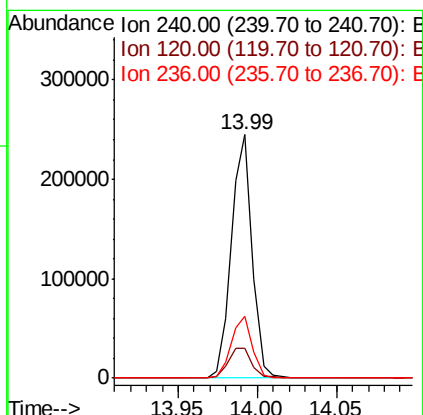
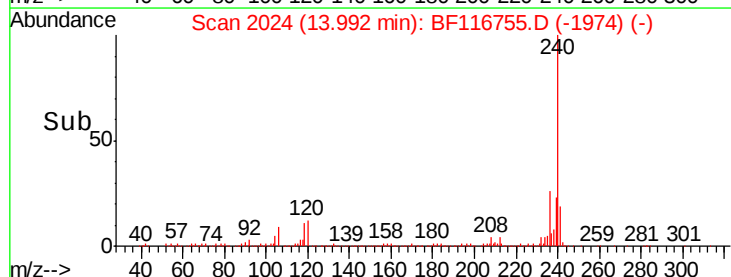
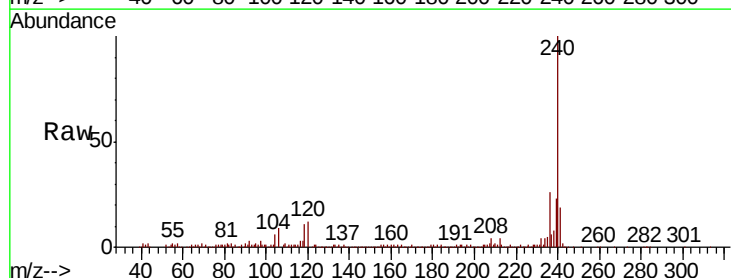
Instrument :
BNA_F
ClientSampled :
T3-S-A

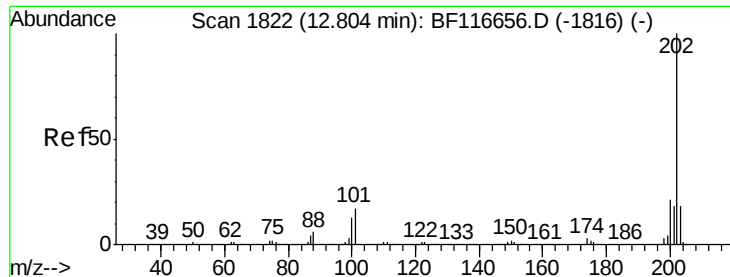
Tot Ion:188 Resp: 335204
Ion Ratio Lower Upper
188 100
94 10.2 7.3 10.9
80 11.4 8.4 12.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF116755.D
Acq: 1 Sep 2019 20:57

Tgt Ion:240 Resp: 221897
Ion Ratio Lower Upper
240 100
120 12.5 9.1 13.7
236 25.7 21.1 31.7

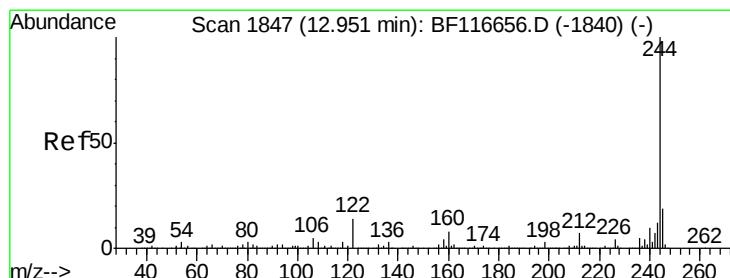
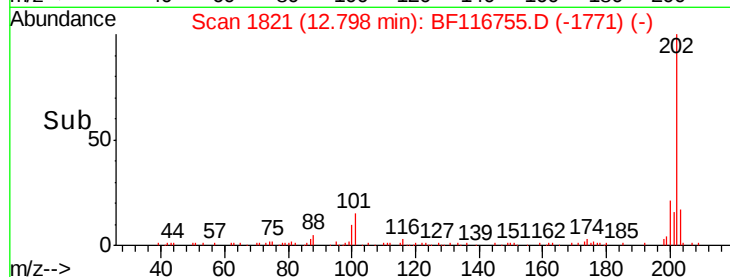
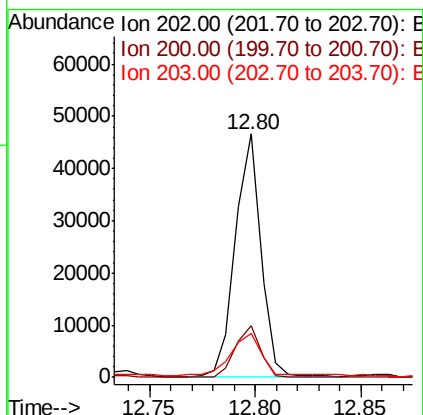
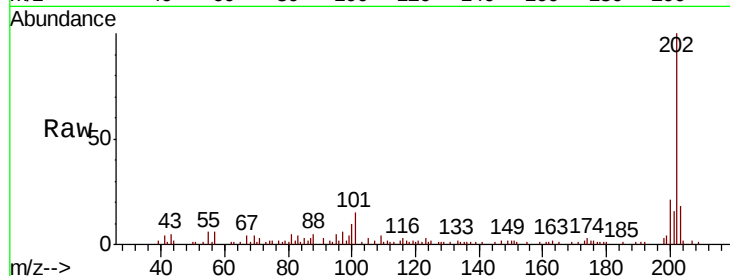




#78
Pvrene
Concen: 2.005 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BF116755.D
Acq: 1 Sep 2019 20:57

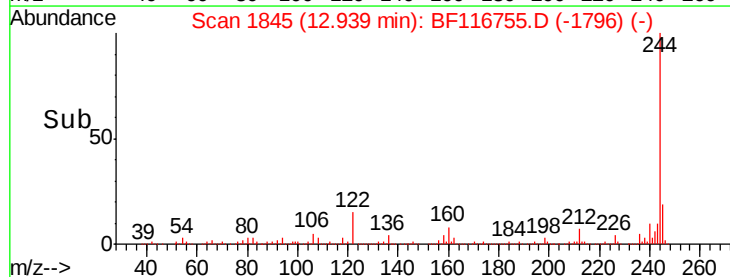
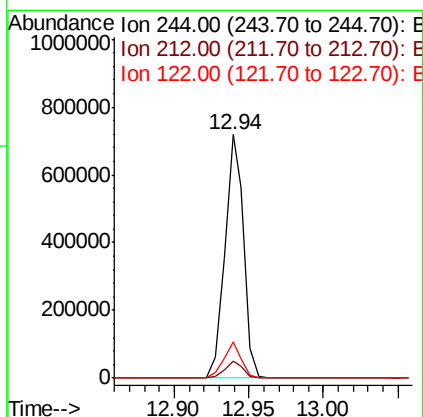
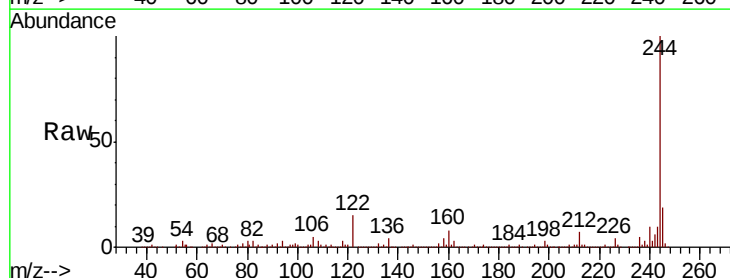
Instrument :
BNA_F
ClientSampleId :
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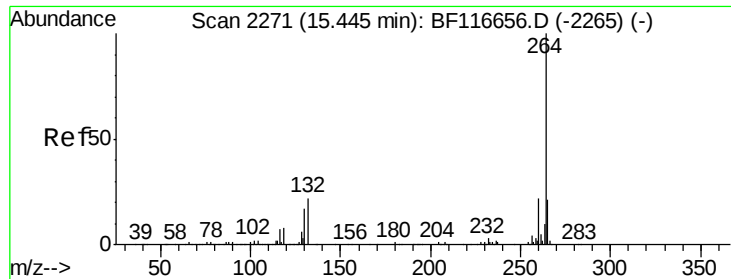
Tot Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.5	24.7
203	18.2	13.7	20.5



#79
Terphenyl-d14
Concen: 53.034 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BF116755.D
Acq: 1 Sep 2019 20:57

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.1	9.1
122	15.1	10.2	15.4

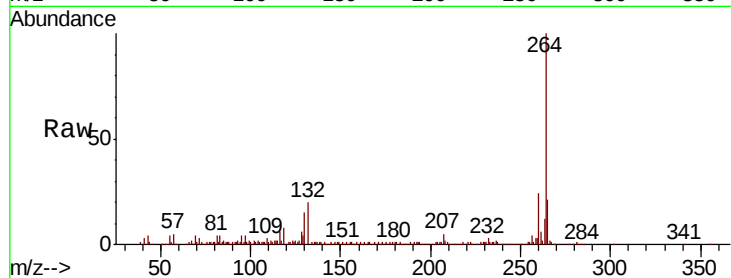




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.00 min
Lab File: BF116755.D
Acq: 1 Sep 2019 20:57

Instrument :
BNA_F
ClientSampleId :
T3-S-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.3	27.5
265	21.3	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

