

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090519\
 Data File : BF116831.D
 Acq On : 5 Sep 2019 12:15
 Operator : HP/JU
 Sample : K4618-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-4-22-24

Quant Time: Sep 05 15:01:40 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

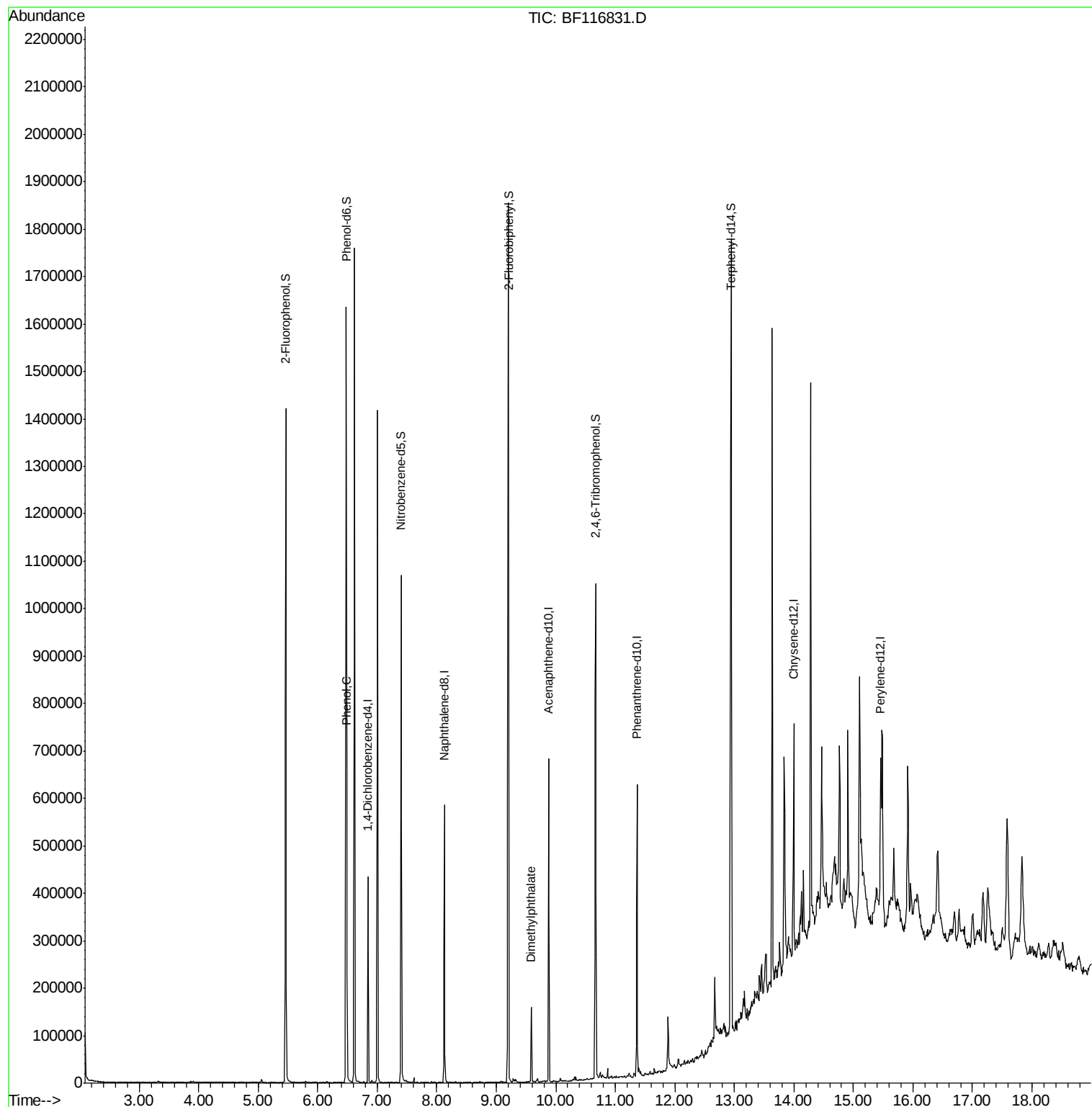
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	58428	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	245172	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	125008	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	193233	20.00	ng	0.00
76) Chrysene-d12	14.00	240	143504	20.00	ng	0.00
87) Perylene-d12	15.46	264	133076	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	413854	114.75	ng	0.00
7) Phenol-d6	6.48	99	557423	117.70	ng	0.00
23) Nitrobenzene-d5	7.40	82	337464	78.58	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	102134	122.21	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	564632	76.19	ng	0.00
79) Terphenyl-d14	12.94	244	483656	62.35	ng	0.00
Target Compounds						
10) Phenol	6.49	94	47484	9.055	ng	96
50) Dimethylphthalate	9.59	163	64247	7.444	ng	# 97

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

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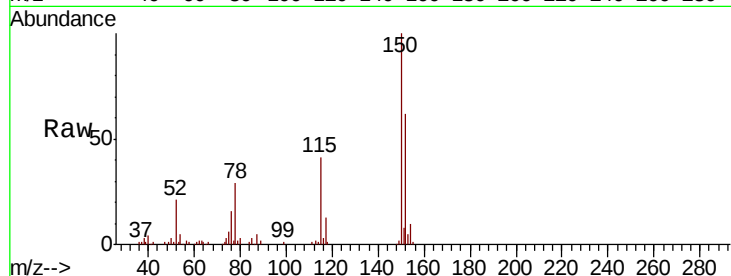


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116831.D
Acq: 5 Sep 2019 12:15

Instrument :
BNA_F
ClientSampleId :
SB-4-22-24

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.1	124.4	186.6
115	65.1	49.9	74.9

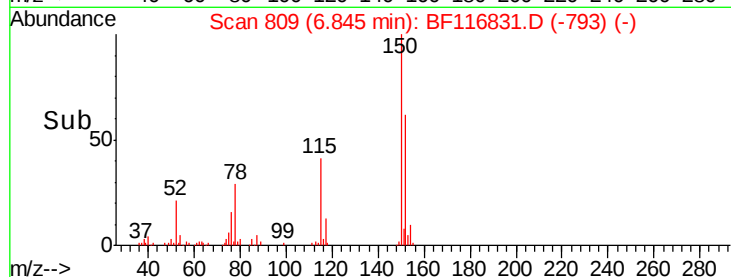
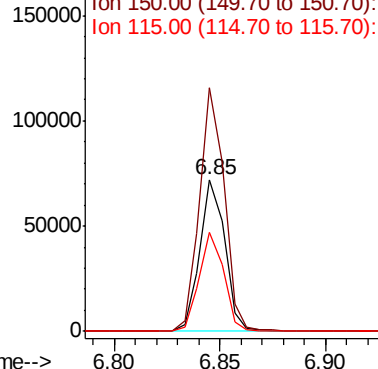


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

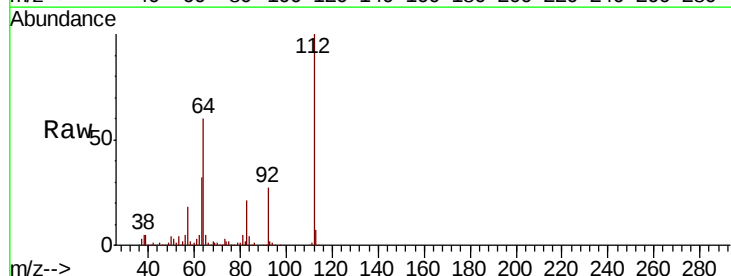
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 114.751 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.00 min
Lab File: BF116831.D
Acq: 5 Sep 2019 12:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.6	47.1	70.7
63	31.9	24.9	37.3

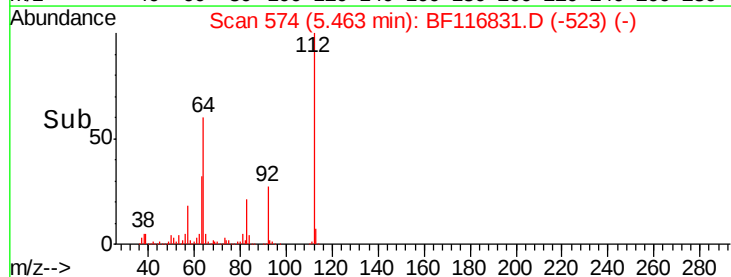
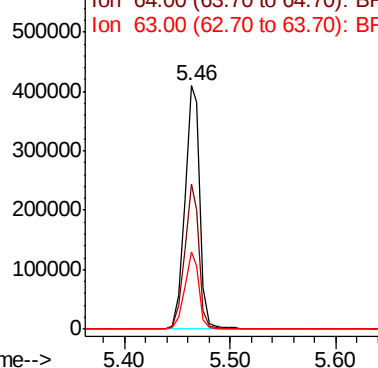


Abundance

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: 117.704 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.00 min

Lab File: BF116831.D

Acq: 5 Sep 2019 12:15

Instrument :

BNA_F

ClientSampleId :

SB-4-22-24

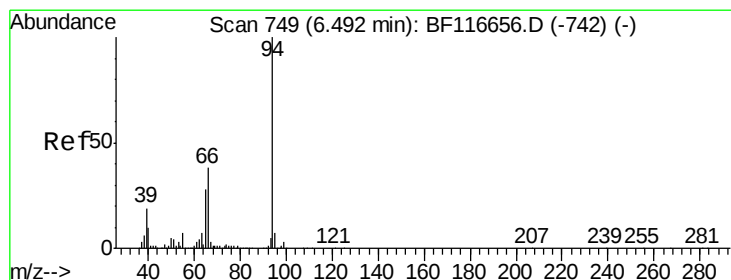
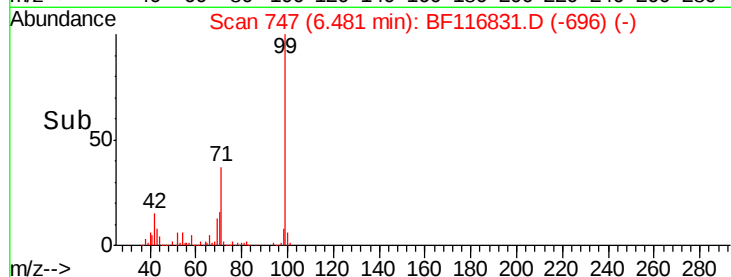
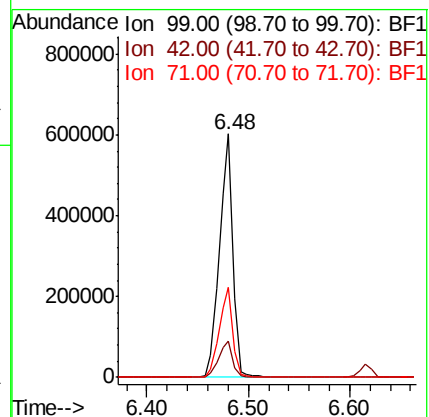
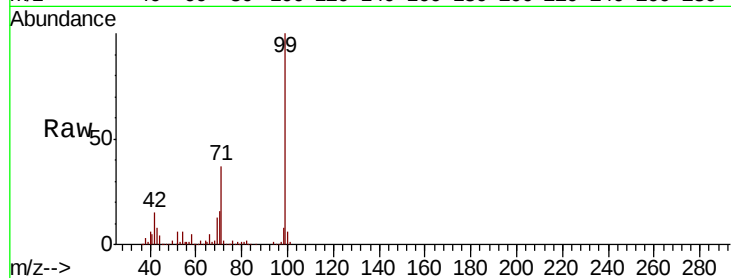
Tot Ion: 99 Resp: 557423

Ion Ratio Lower Upper

99 100

42 15.1 13.7 20.5

71 36.7 30.8 46.2



#10

Phenol

Concen: 9.055 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF116831.D

Acq: 5 Sep 2019 12:15

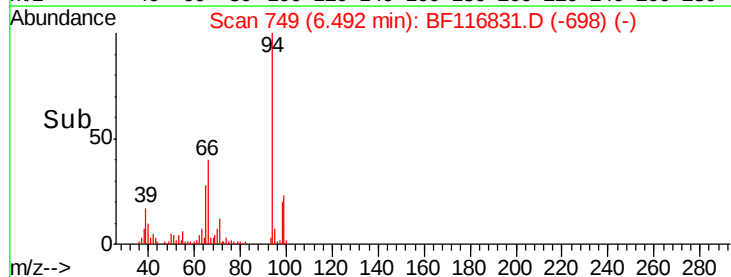
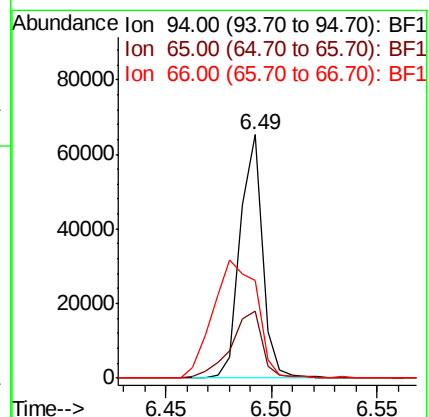
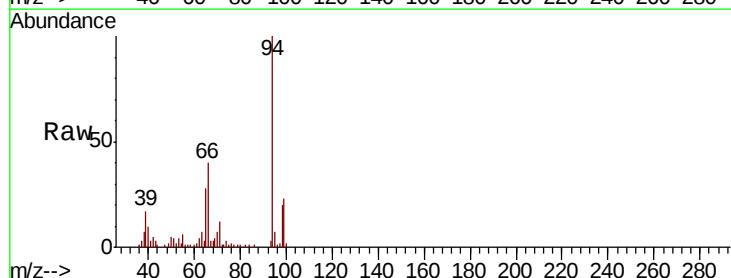
Tgt Ion: 94 Resp: 47484

Ion Ratio Lower Upper

94 100

65 27.6 10.8 50.8

66 40.0 21.1 61.1

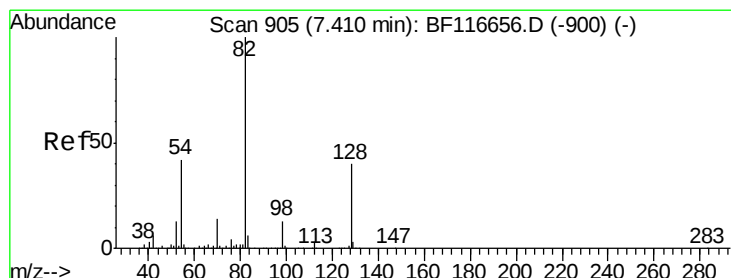
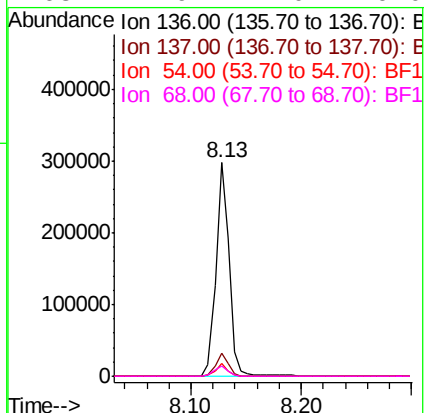
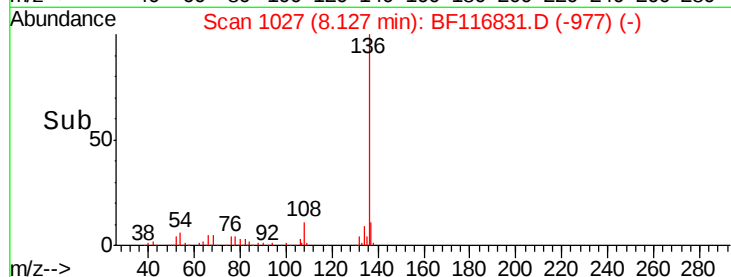
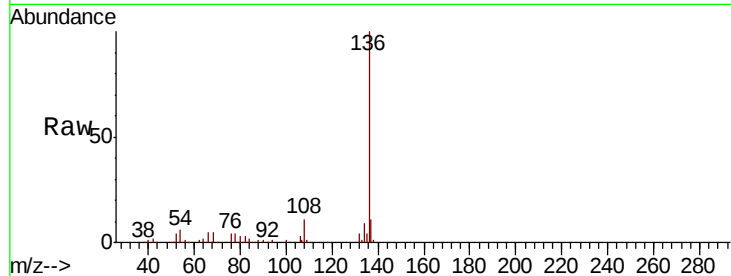




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF116831.D
Acq: 5 Sep 2019 12:15

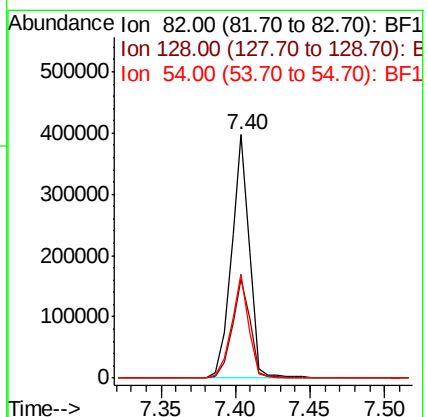
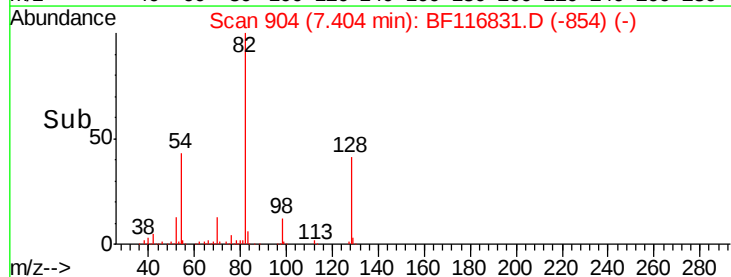
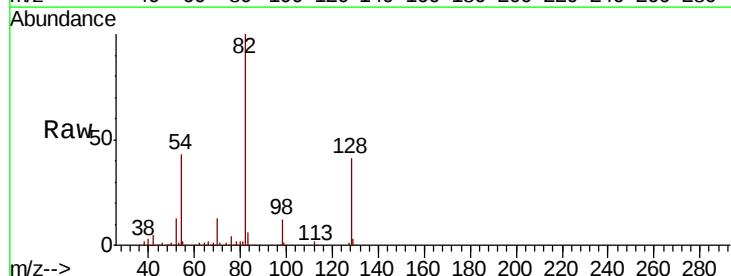
Instrument :
BNA_F
ClientSampleId :
SB-4-22-24

Tot Ion:136	Resp:	245172
Ion	Ratio	Lower Upper
136	100	
137	10.9	8.9 13.3
54	5.9	4.8 7.2
68	4.9	4.0 6.0



#23
Nitrobenzene-d5
Concen: 78.577 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF116831.D
Acq: 5 Sep 2019 12:15

Tgt Ion: 82	Resp:	337464
Ion	Ratio	Lower Upper
82	100	
128	40.8	32.8 49.2
54	42.6	36.9 55.3

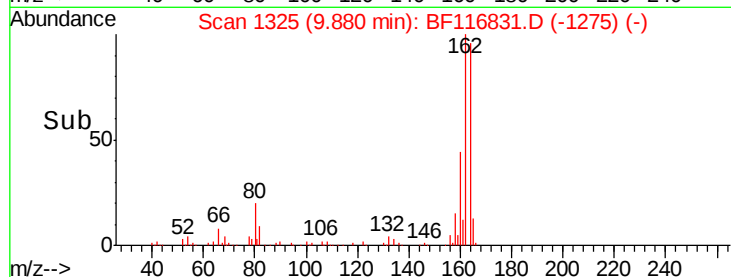
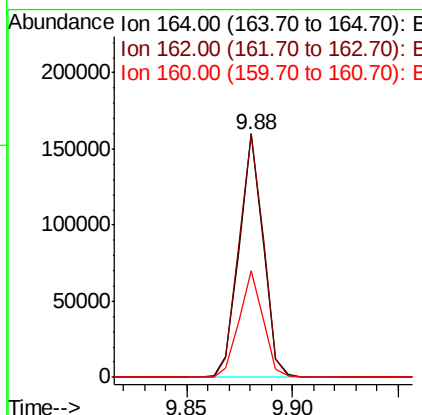
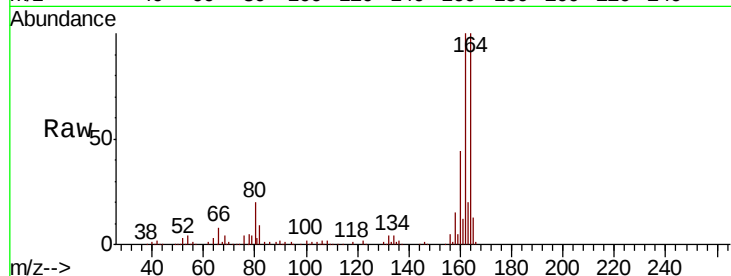




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF116831.D
Acq: 5 Sep 2019 12:15

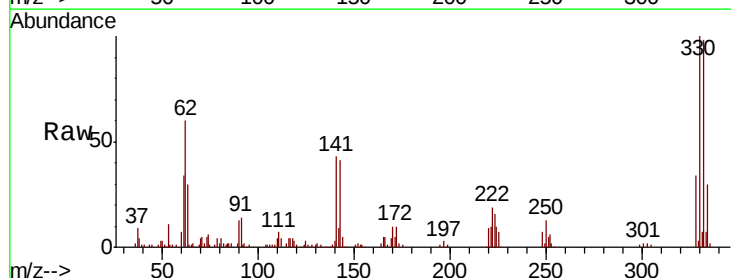
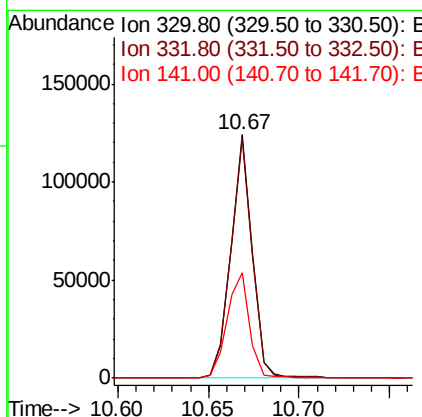
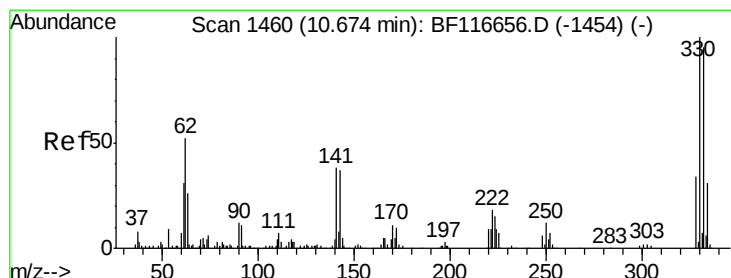
Instrument :
BNA_F
ClientSampleId :
SB-4-22-24

Tot Ion:164 Resp: 125008
Ion Ratio Lower Upper
164 100
162 100.2 81.4 122.0
160 43.9 35.4 53.2



#42
2,4,6-Tribromophenol
Concen: 122.213 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF116831.D
Acq: 5 Sep 2019 12:15

Tgt Ion:330 Resp: 102134
Ion Ratio Lower Upper
330 100
332 99.0 76.9 115.3
141 45.4 31.4 47.2

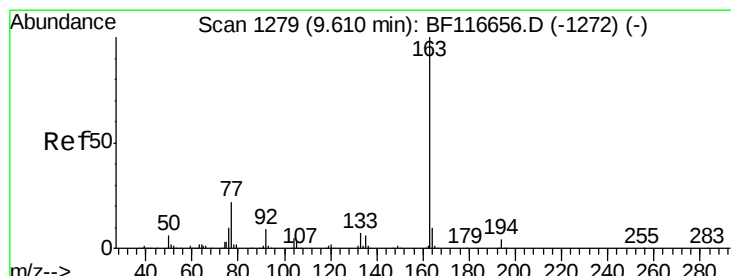
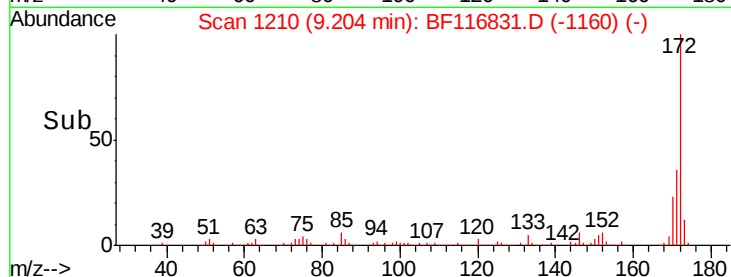
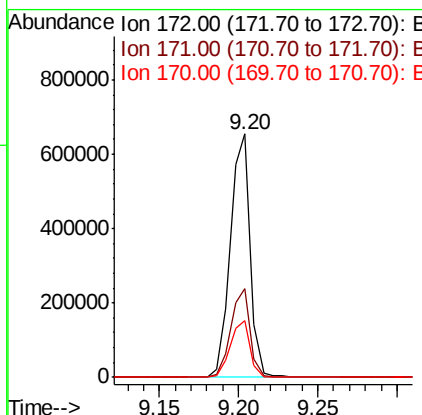
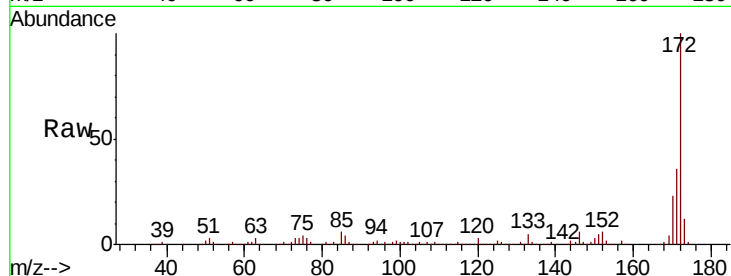




#45
2-Fluorobiphenyl
Concen: 76.193 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF116831.D
Acq: 5 Sep 2019 12:15

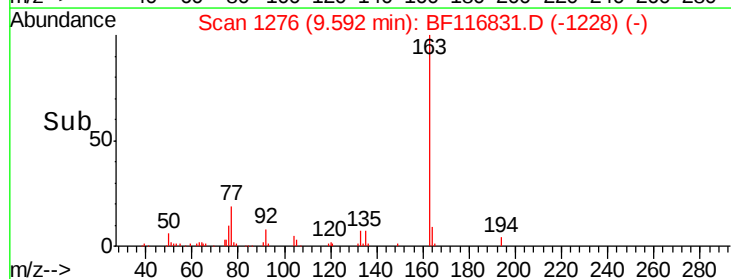
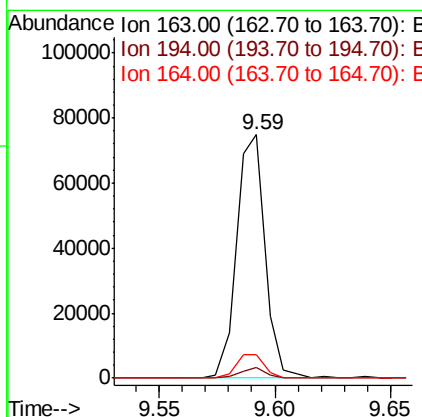
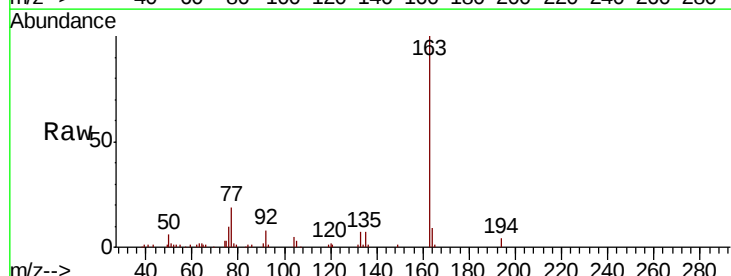
Instrument :
BNA_F
ClientSampleId :
SB-4-22-24

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	27.8	41.6
170	23.4	18.9	28.3



#50
Dimethylphthalate
Concen: 7.444 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF116831.D
Acq: 5 Sep 2019 12:15

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	2.8	4.2#
164	9.5	8.6	12.8

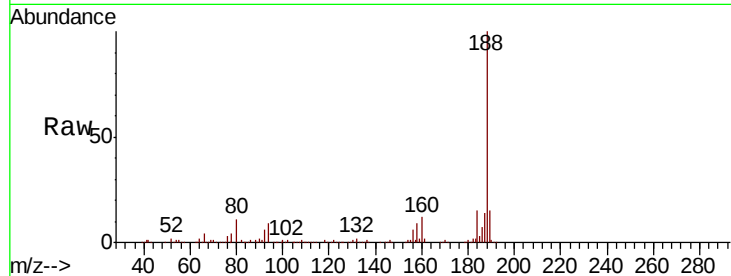




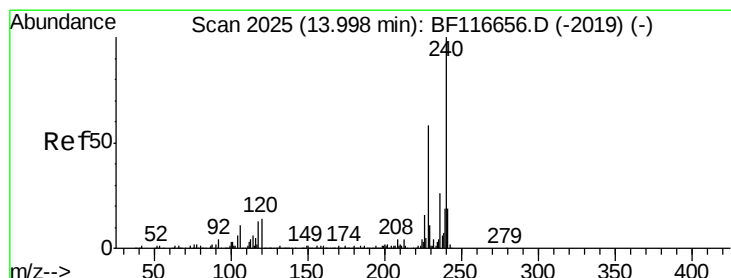
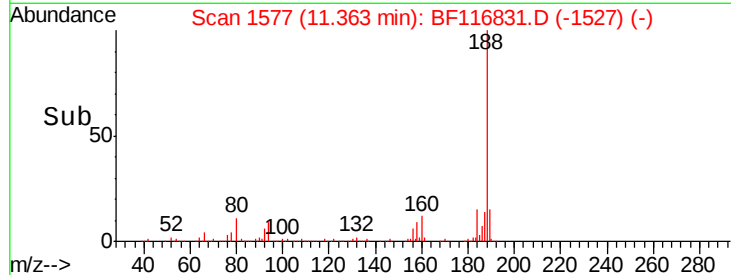
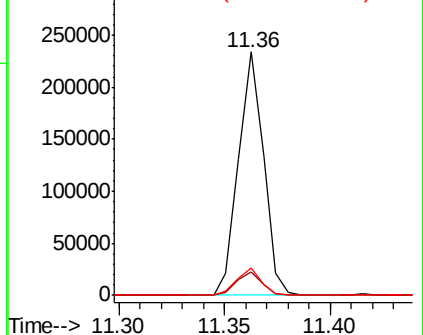
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF116831.D
Acq: 5 Sep 2019 12:15

Instrument :
BNA_F
ClientSampleId :
SB-4-22-24

Tot Ion:188 Resp: 193233
Ion Ratio Lower Upper
188 100
94 9.4 7.3 10.9
80 11.3 8.4 12.6

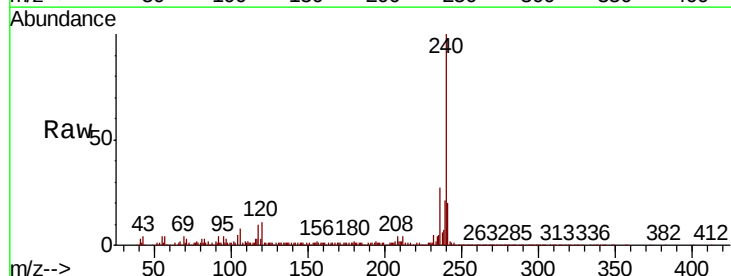


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

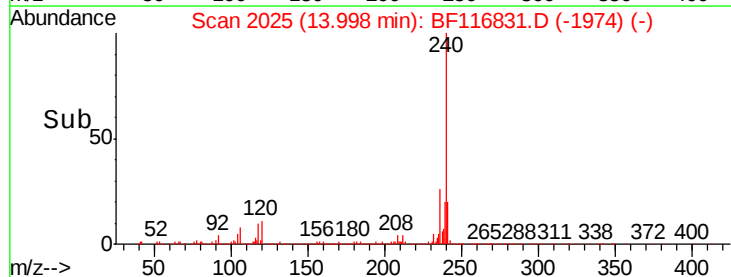
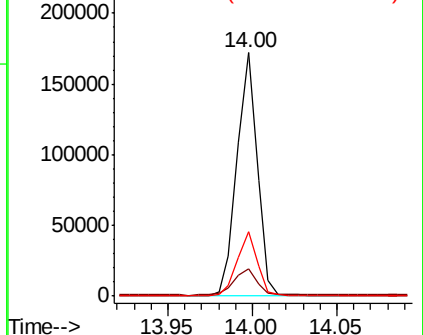


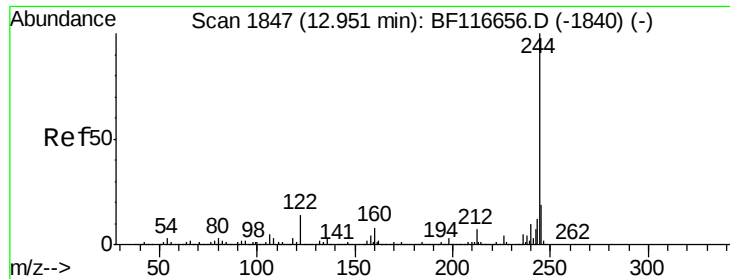
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.00 min
Lab File: BF116831.D
Acq: 5 Sep 2019 12:15

Tgt Ion:240 Resp: 143504
Ion Ratio Lower Upper
240 100
120 11.4 9.1 13.7
236 26.6 21.1 31.7



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: 62.349 ng

RT: 12.94 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BF116831.D

Acq: 5 Sep 2019 12:15

Instrument :

BNA_F

ClientSampleId :

SB-4-22-24

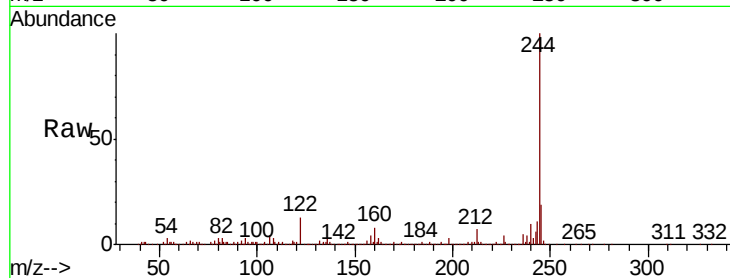
Tot Ion:244 Resp: 483656

Ion Ratio Lower Upper

244 100

212 7.1 6.1 9.1

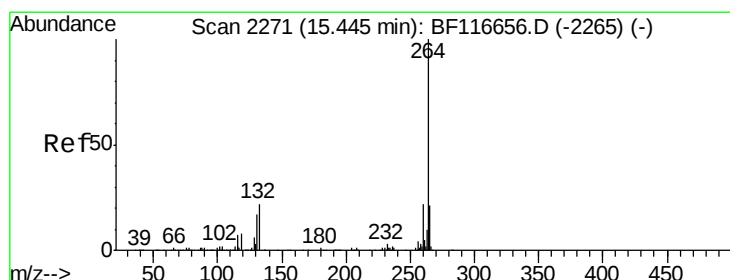
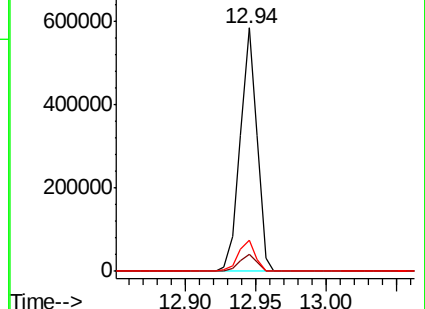
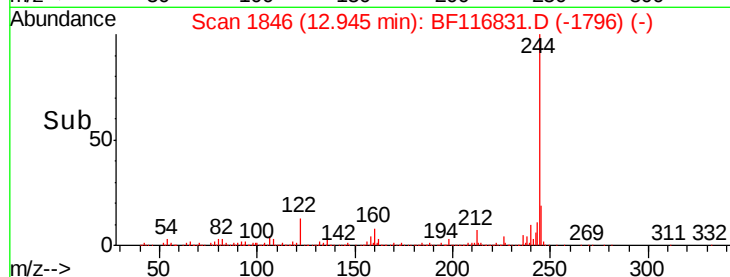
122 12.9 10.2 15.4



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: 15.46 min Scan# 2273

Delta R.T. 0.01 min

Lab File: BF116831.D

Acq: 5 Sep 2019 12:15

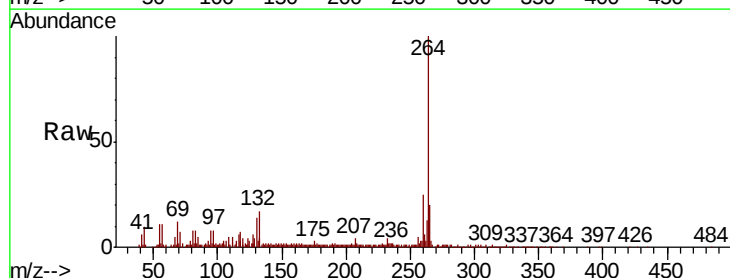
Tgt Ion:264 Resp: 133076

Ion Ratio Lower Upper

264 100

260 24.5 18.3 27.5

265 20.2 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

