

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090419\
 Data File : BF116822.D
 Acq On : 4 Sep 2019 18:15
 Operator : HP/JU
 Sample : K4653-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 287

Quant Time: Sep 05 04:14:39 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

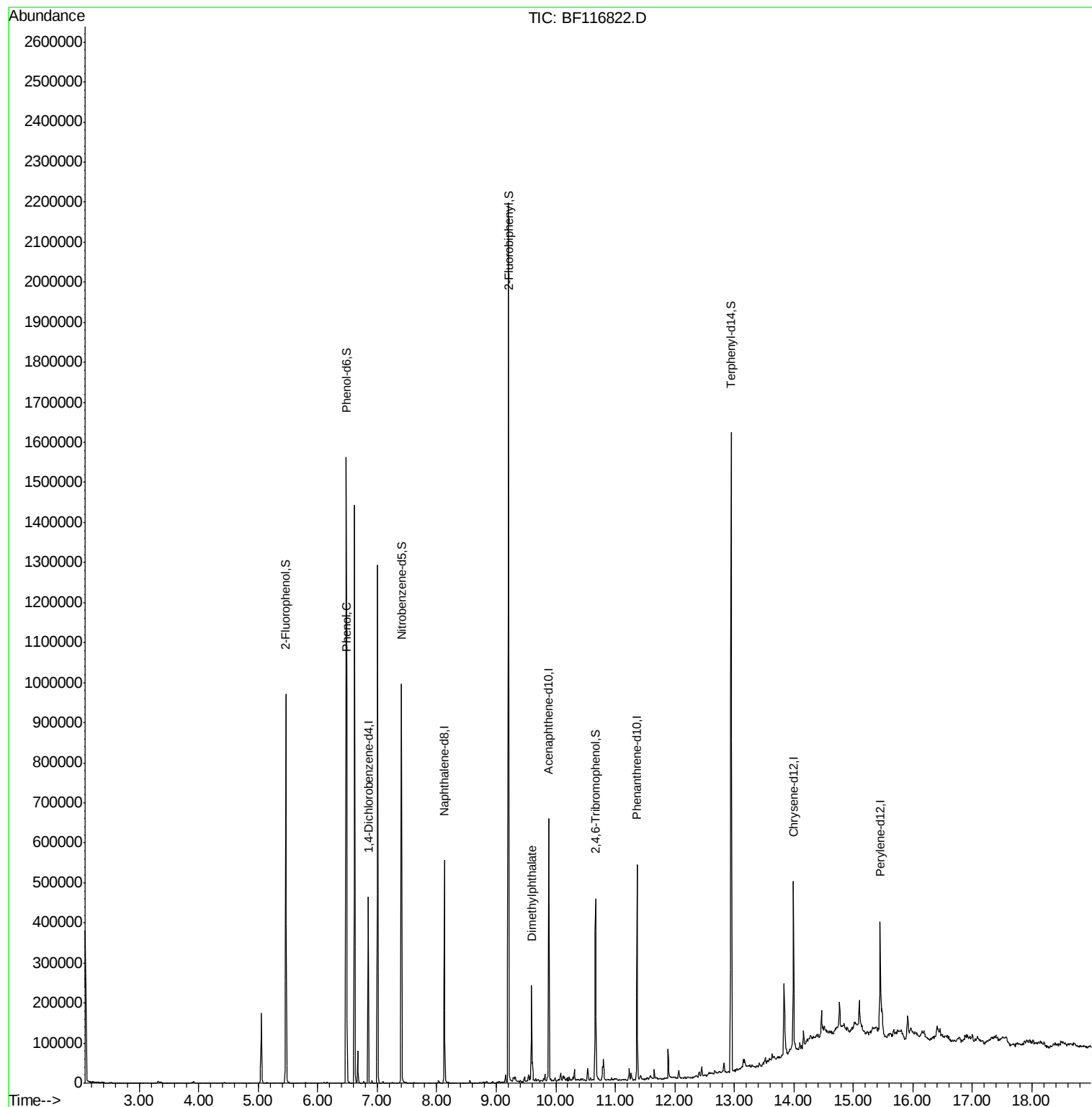
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	64119	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	253896	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	126285	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	184065	20.00	ng	0.00
76) Chrysene-d12	14.00	240	132060	20.00	ng	0.00
87) Perylene-d12	15.45	264	116878	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	258683	65.36	ng	0.00
7) Phenol-d6	6.48	99	546201	105.10	ng	0.00
23) Nitrobenzene-d5	7.40	82	356574	80.17	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	46487	55.06	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	609195	81.38	ng	0.00
79) Terphenyl-d14	12.94	244	460674	64.53	ng	0.00
Target Compounds						
10) Phenol	6.49	94	18390	3.196	ng	93
50) Dimethylphthalate	9.59	163	82442	9.456	ng	98

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

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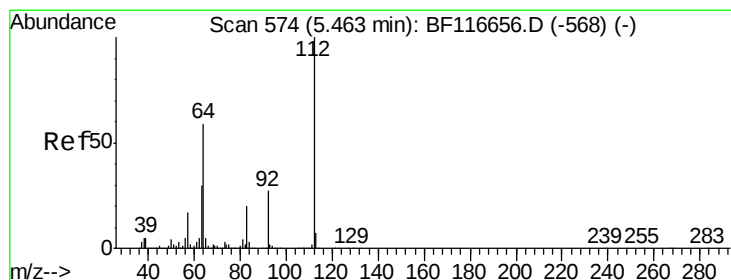
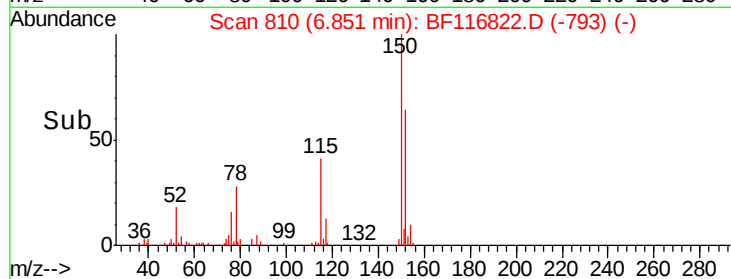
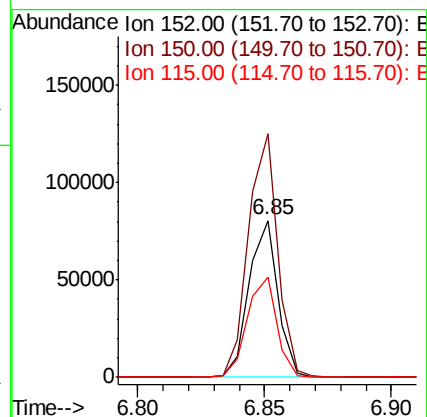
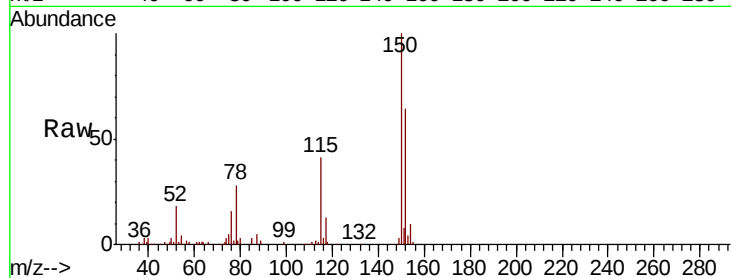


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF116822.D
Acq: 4 Sep 2019 18:15

Instrument :
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ClientSampleId :
287

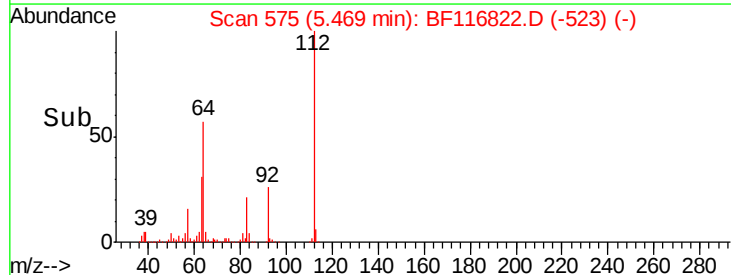
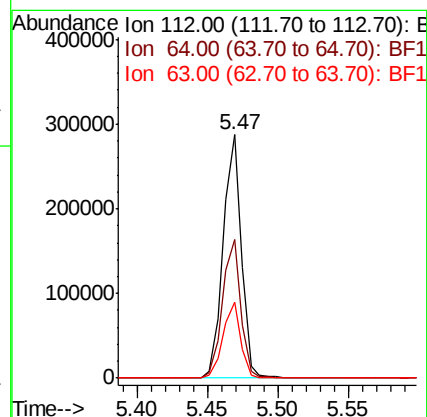
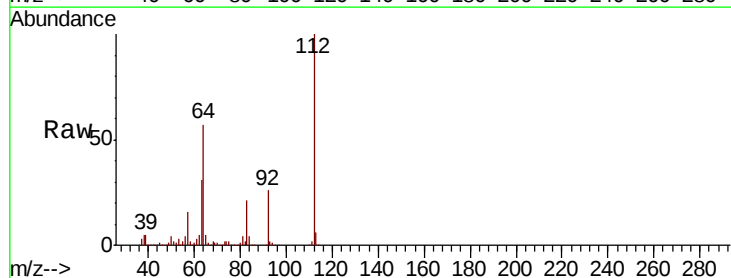
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	124.4	186.6
115	63.6	49.9	74.9



#5

2-Fluorophenol
Concen: 65.360 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF116822.D
Acq: 4 Sep 2019 18:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.0	47.1	70.7
63	31.0	24.9	37.3





#7

Phenol-d6

Concen: 105.098 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.00 min

Lab File: BF116822.D

Acq: 4 Sep 2019 18:15

Instrument :

BNA_F

ClientSampleId :

287

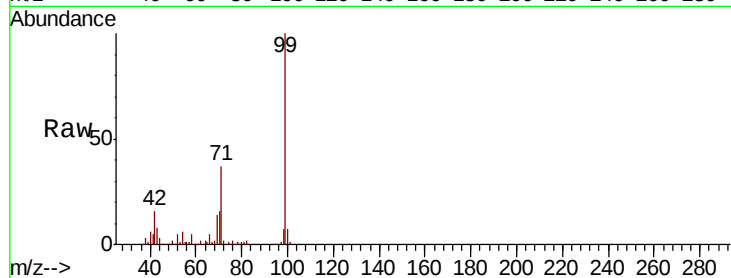
Tot Ion: 99 Resp: 546201

Ion Ratio Lower Upper

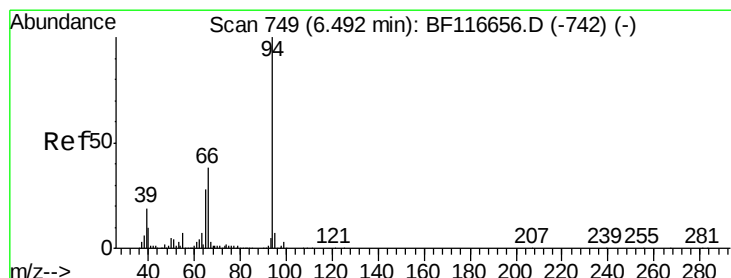
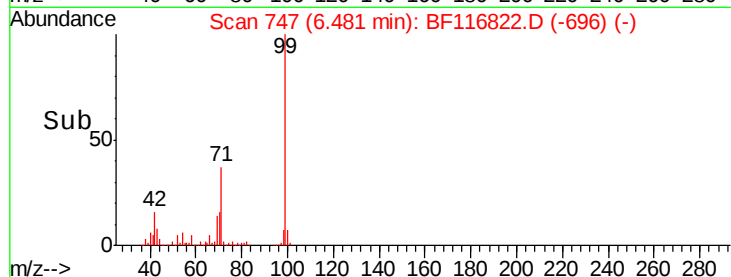
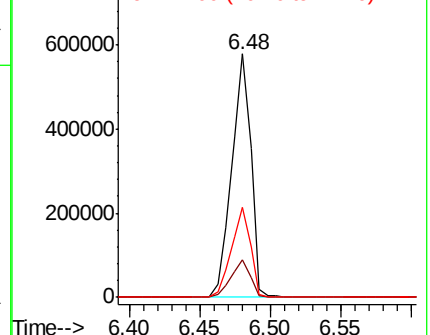
99 100

42 15.6 13.7 20.5

71 36.9 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



#10

Phenol

Concen: 3.196 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF116822.D

Acq: 4 Sep 2019 18:15

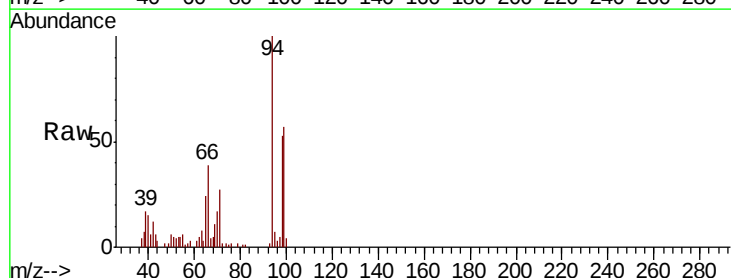
Tgt Ion: 94 Resp: 18390

Ion Ratio Lower Upper

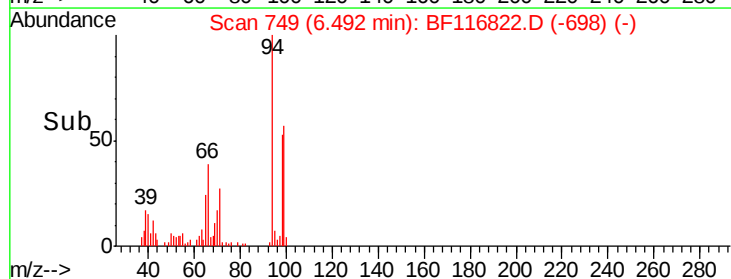
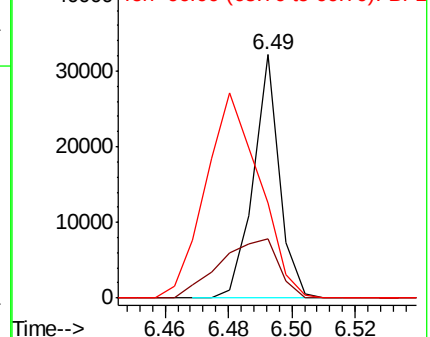
94 100

65 24.4 10.8 50.8

66 39.2 21.1 61.1



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

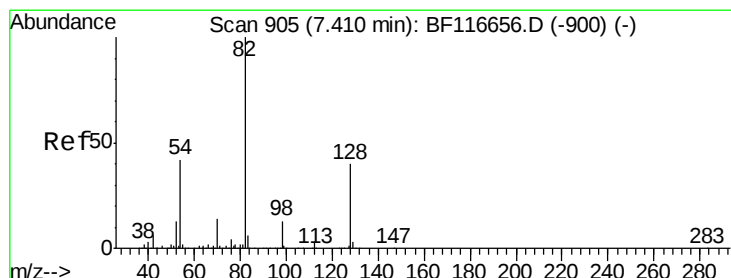
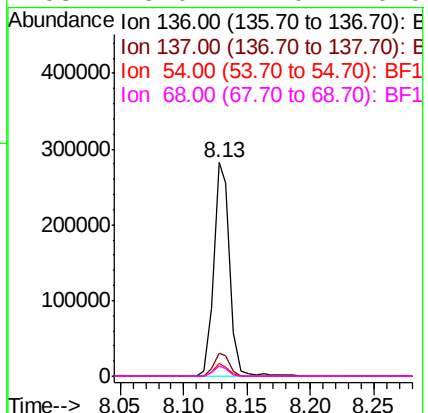
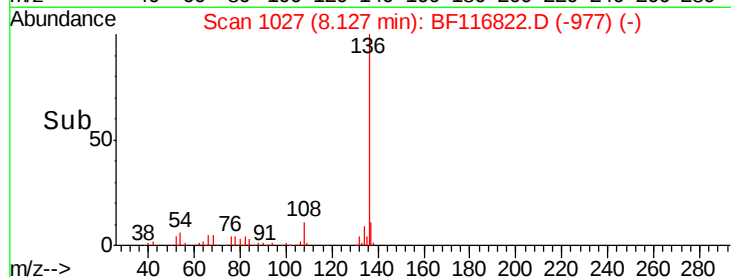
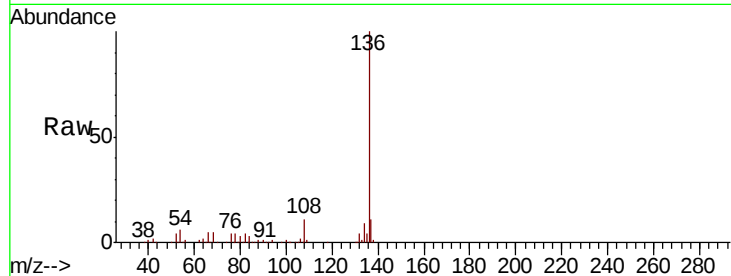




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF116822.D
Acq: 4 Sep 2019 18:15

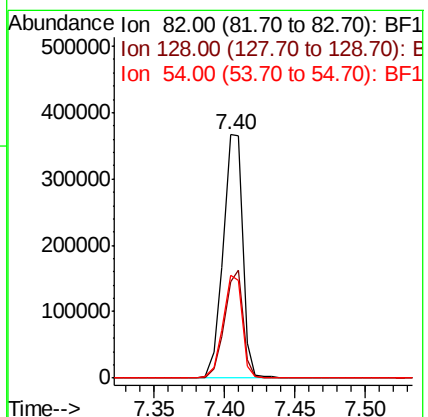
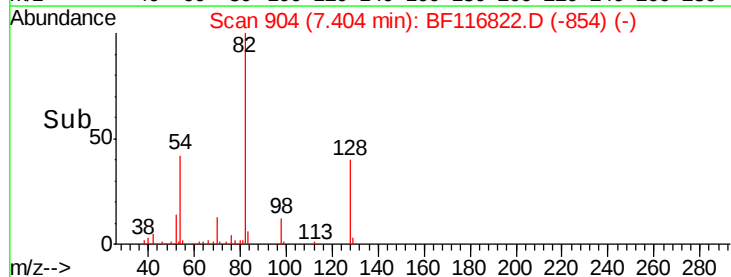
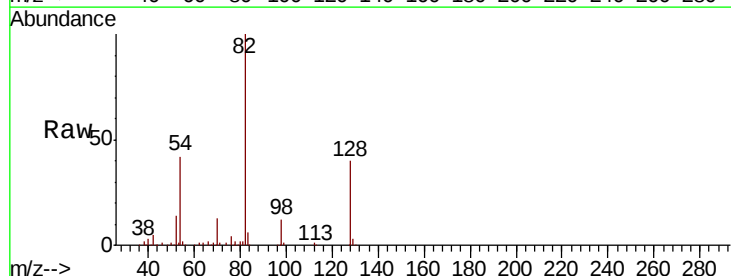
Instrument :
BNA_F
ClientSampleId :
287

Tot Ion:136	Resp:	253896	
Ion Ratio	Lower	Upper	
136 100			
137 10.8	8.9	13.3	
54 6.0	4.8	7.2	
68 5.0	4.0	6.0	



#23
Nitrobenzene-d5
Concen: 80.174 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF116822.D
Acq: 4 Sep 2019 18:15

Tgt Ion: 82	Resp: 356574
Ion Ratio	Lower Upper
82 100	
128 39.6	32.8 49.2
54 42.1	36.9 55.3

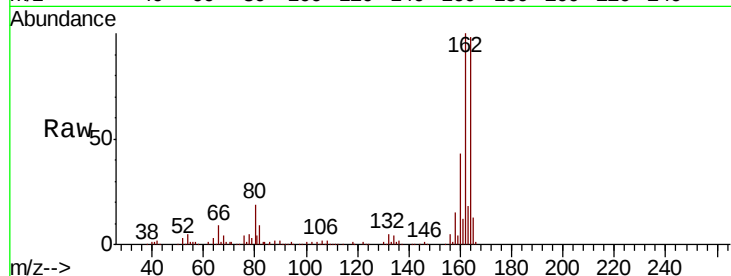




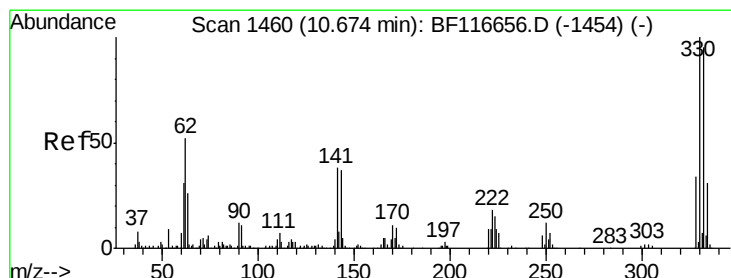
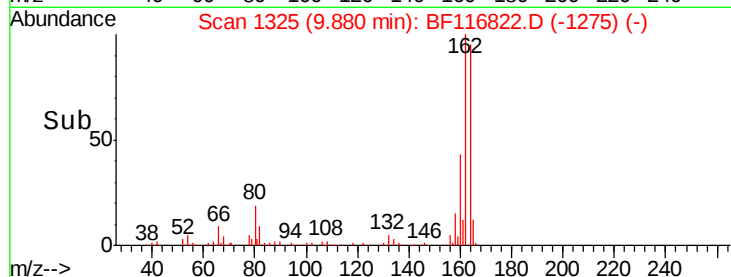
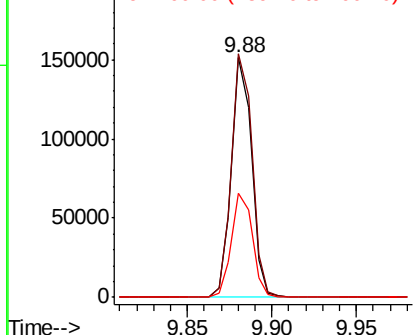
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF116822.D
Acq: 4 Sep 2019 18:15

Instrument :
BNA_F
ClientSampleId :
287

Tot Ion:164 Resp: 126285
Ion Ratio Lower Upper
164 100
162 101.7 81.4 122.0
160 43.5 35.4 53.2

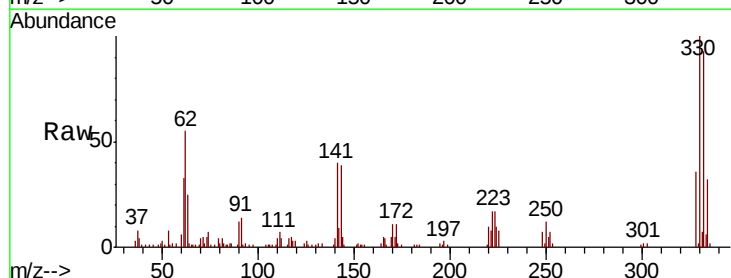


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

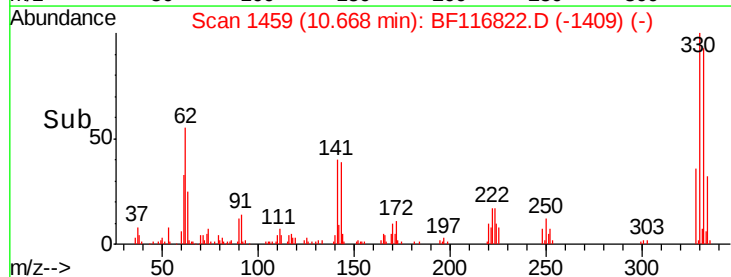
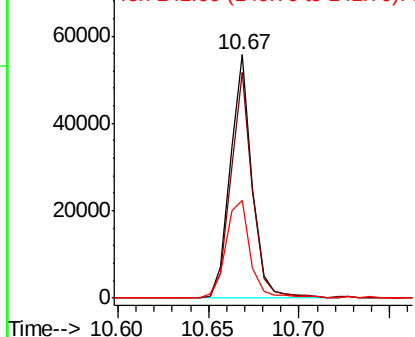


#42
2,4,6-Tribromophenol
Concen: 55.064 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF116822.D
Acq: 4 Sep 2019 18:15

Tgt Ion:330 Resp: 46487
Ion Ratio Lower Upper
330 100
332 91.9 76.9 115.3
141 45.2 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

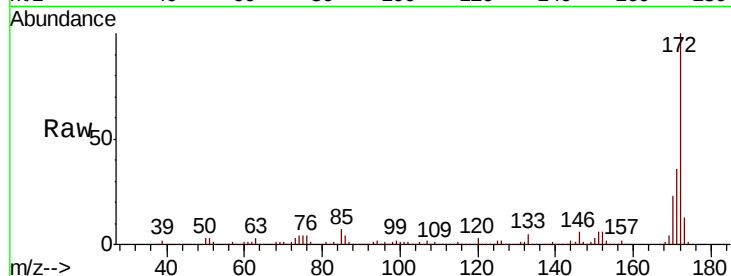




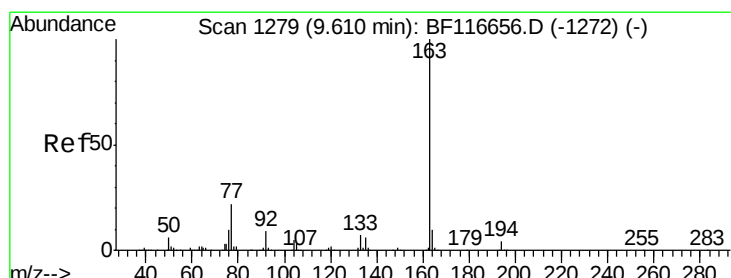
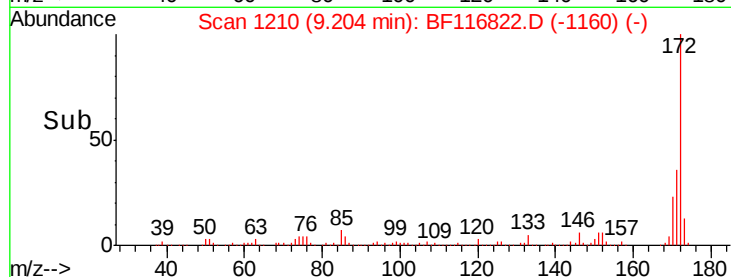
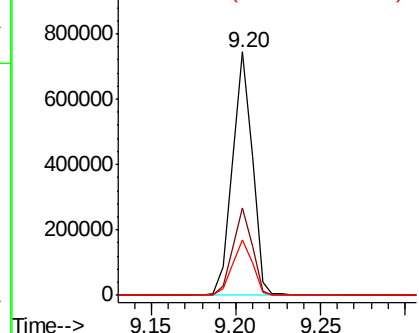
#45
2-Fluorobiphenyl
Concen: 81.375 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF116822.D
Acq: 4 Sep 2019 18:15

Instrument :
BNA_F
ClientSampleId :
287

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	27.8	41.6
170	22.9	18.9	28.3

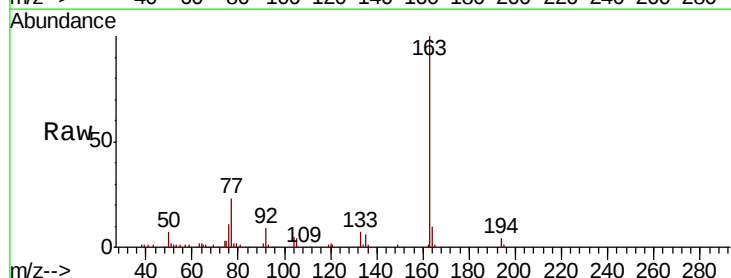


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

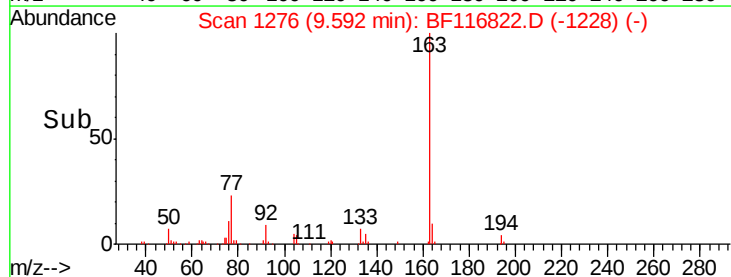
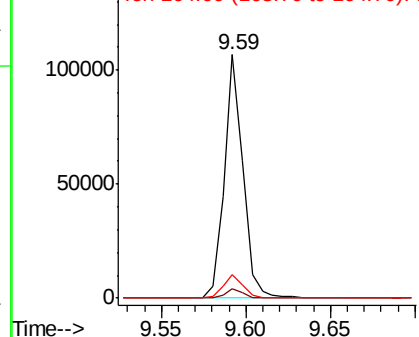


#50
Dimethylphthalate
Concen: 9.456 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF116822.D
Acq: 4 Sep 2019 18:15

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.8	4.2
164	9.6	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: BF116822.D

Acq: 4 Sep 2019 18:15

Instrument :

BNA_F

ClientSampleId :

287

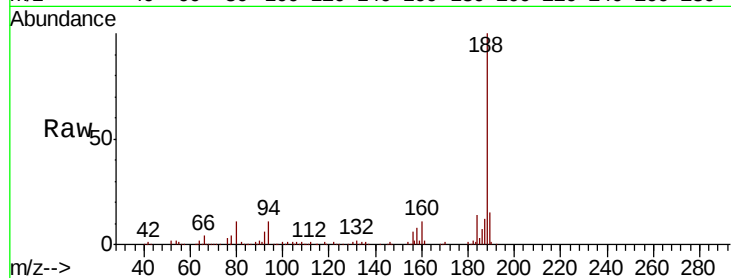
Tot Ion:188 Resp: 184065

Ion Ratio Lower Upper

188 100

94 10.8 7.3 10.9

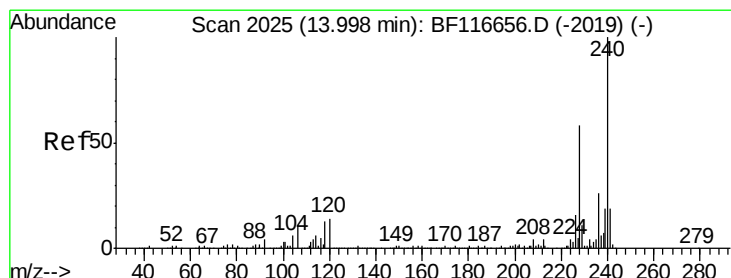
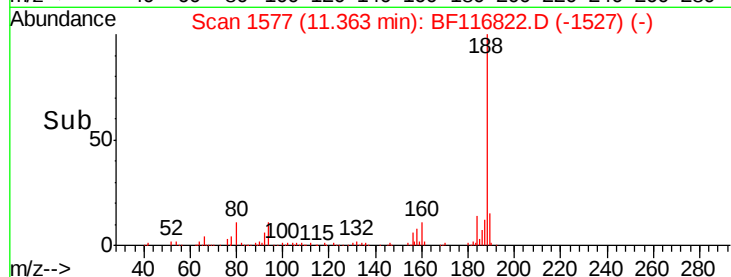
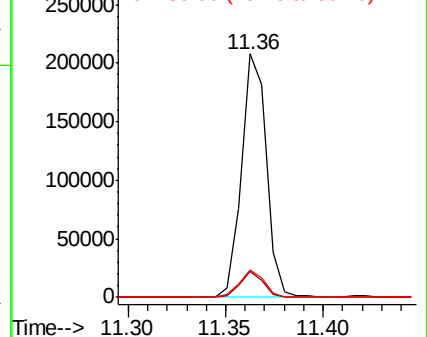
80 11.2 8.4 12.6



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: BF116822.D

Acq: 4 Sep 2019 18:15

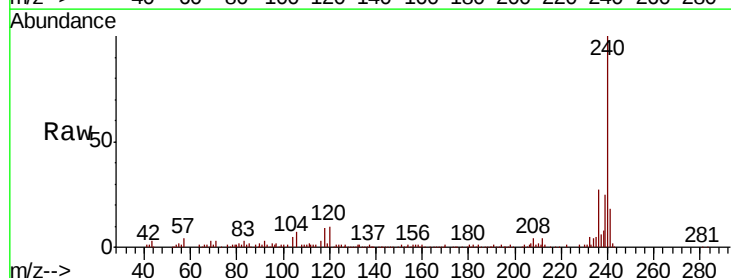
Tgt Ion:240 Resp: 132060

Ion Ratio Lower Upper

240 100

120 9.9 9.1 13.7

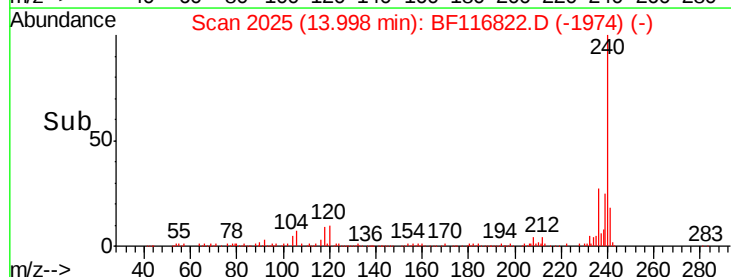
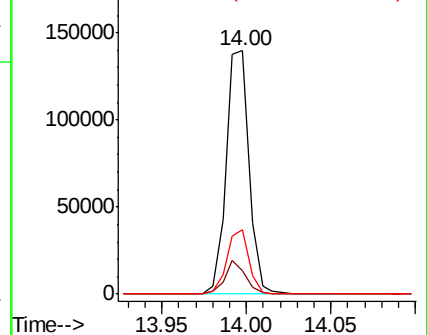
236 26.7 21.1 31.7

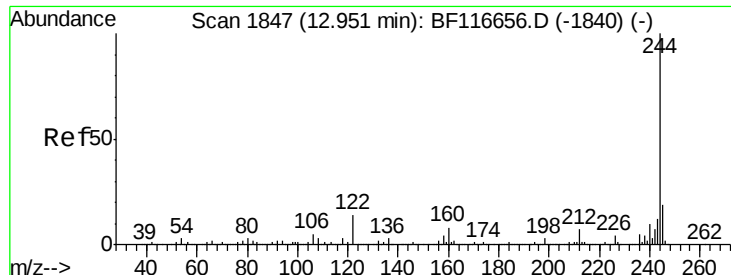


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 64.533 ng

RT: 12.94 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BF116822.D

Acq: 4 Sep 2019 18:15

Instrument :

BNA_F

ClientSampleId :

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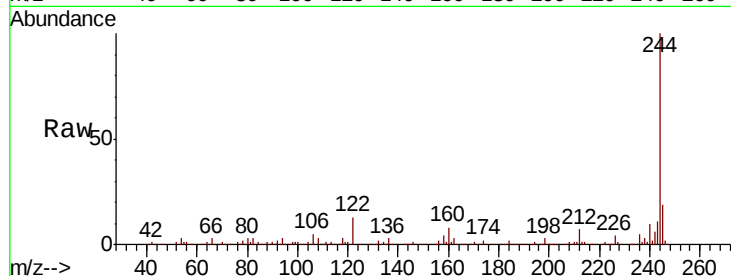
Tot Ion:244 Resp: 460674

Ion Ratio Lower Upper

244 100

212 7.1 6.1 9.1

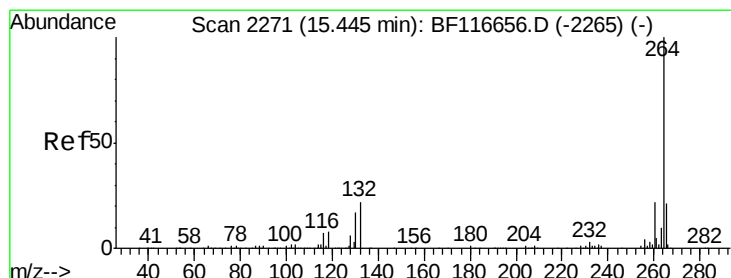
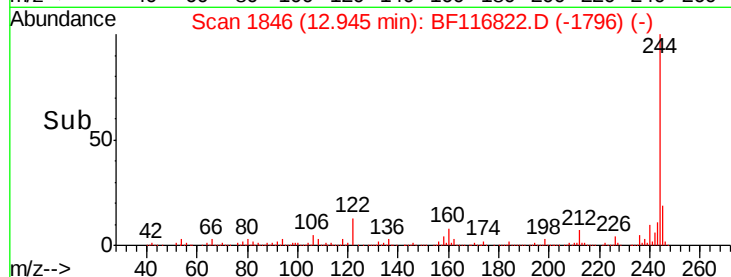
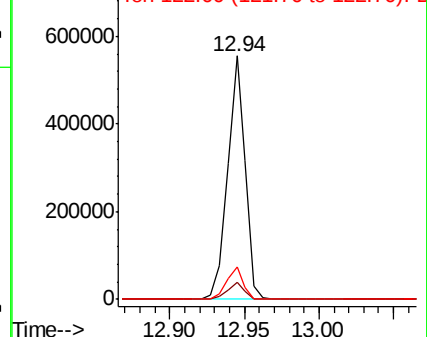
122 13.1 10.2 15.4



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: 15.45 min Scan# 2272

Delta R.T. 0.01 min

Lab File: BF116822.D

Acq: 4 Sep 2019 18:15

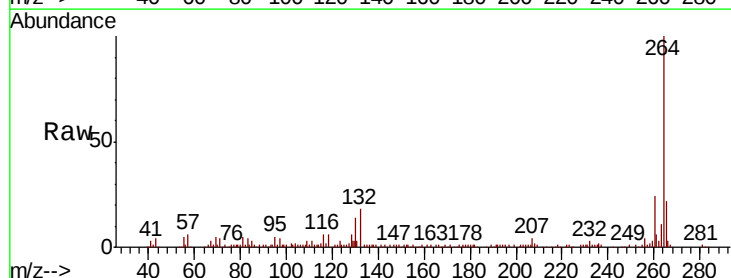
Tgt Ion:264 Resp: 116878

Ion Ratio Lower Upper

264 100

260 24.5 18.3 27.5

265 21.7 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

