

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083119\
 Data File : BF116731.D
 Acq On : 1 Sep 2019 7:42
 Operator : HP/JU
 Sample : K4090-20
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-082919

Quant Time: Sep 02 06:43:57 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	121343	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	477959	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	246844	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	420135	20.00	ng	-0.01
76) Chrysene-d12	13.99	240	273804	20.00	ng	-0.01
87) Perylene-d12	15.44	264	292329	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	892529	119.16	ng	0.00
7) Phenol-d6	6.47	99	1095568	111.39	ng	0.00
23) Nitrobenzene-d5	7.40	82	842699	100.65	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	266560	161.53	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	1412730	96.54	ng	0.00
79) Terphenyl-d14	12.94	244	1418053	95.81	ng	0.00

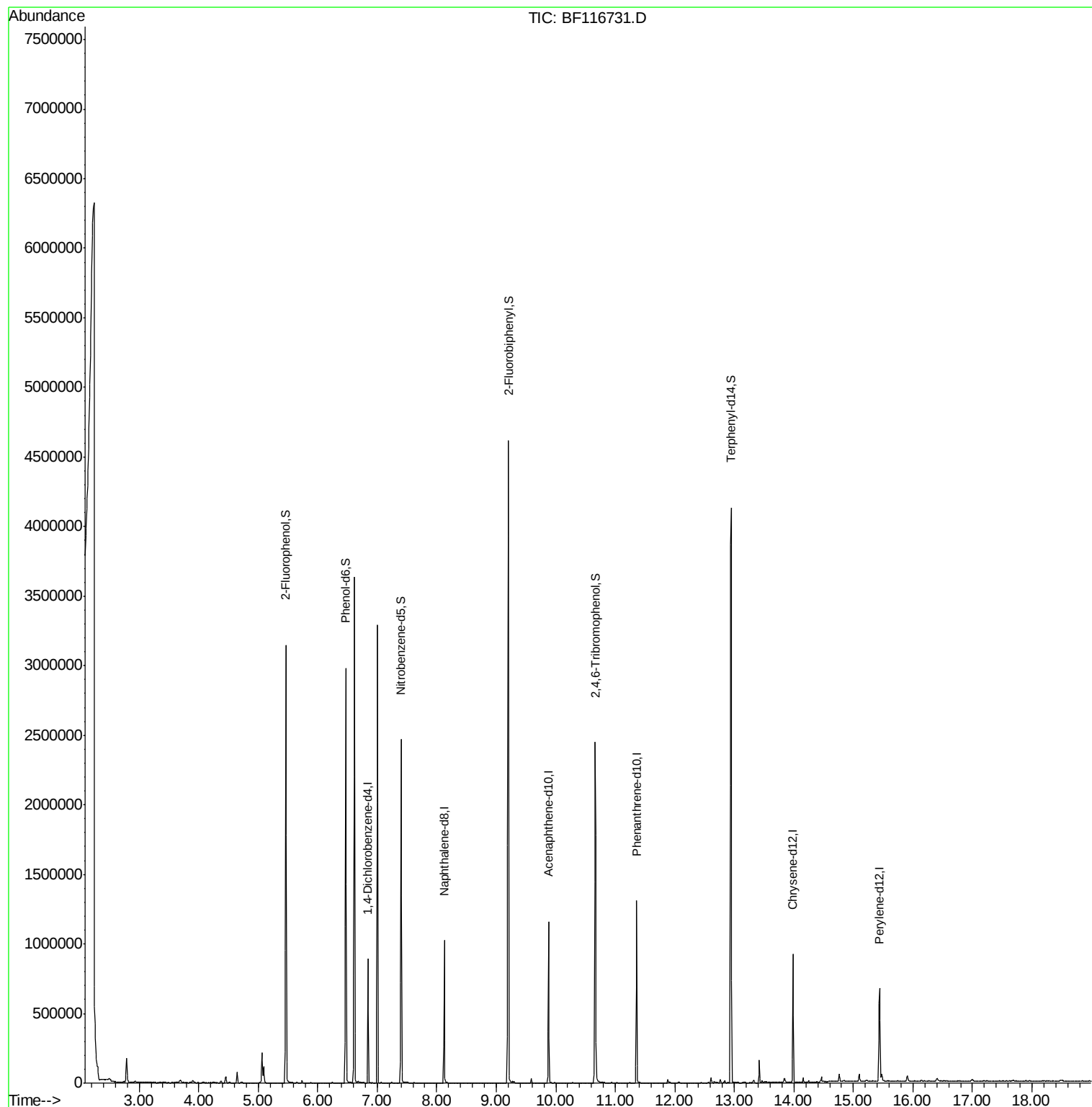
Target Compounds Qvalue

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

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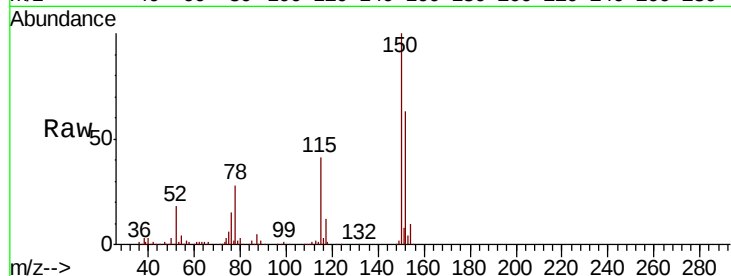


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116731.D
Acq: 1 Sep 2019 7:42

Instrument :
BNA_F
ClientSampleId :
OR-02-082919

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	124.4	186.6
115	64.9	49.9	74.9

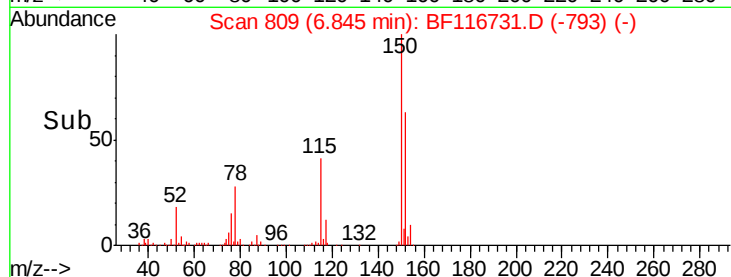
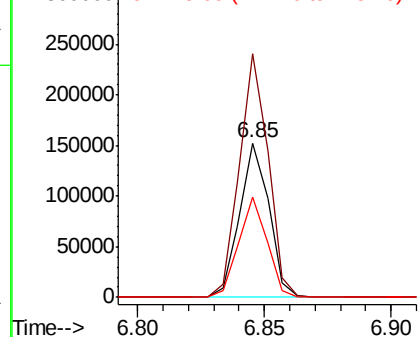


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

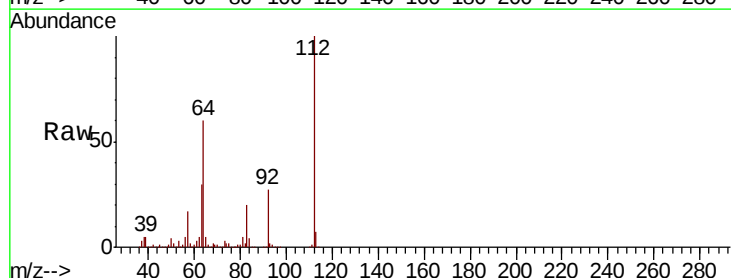
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 119.162 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF116731.D
Acq: 1 Sep 2019 7:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.7	47.1	70.7
63	30.3	24.9	37.3

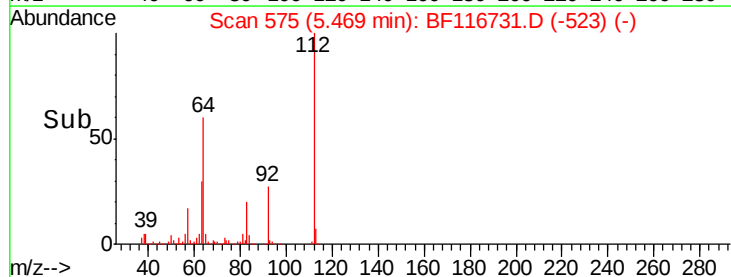
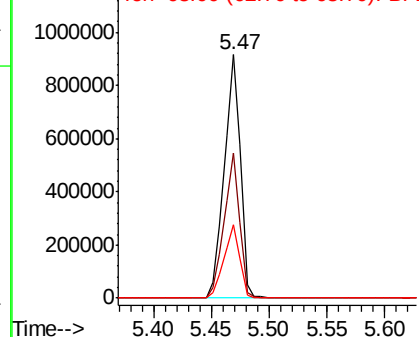


Abundance

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: 111.392 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116731.D

Acq: 1 Sep 2019 7:42

Instrument :

BNA_F

ClientSampleId :

OR-02-082919

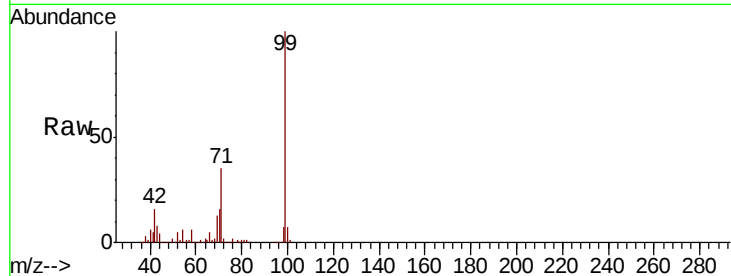
Tot Ion: 99 Resp: 1095568

Ion Ratio Lower Upper

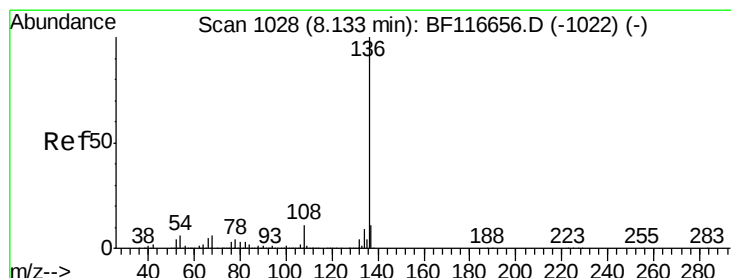
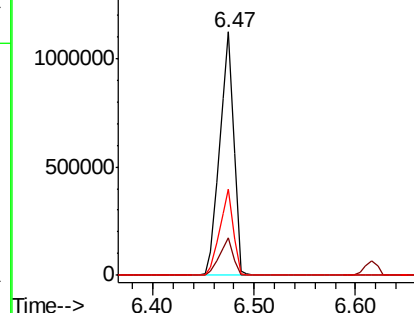
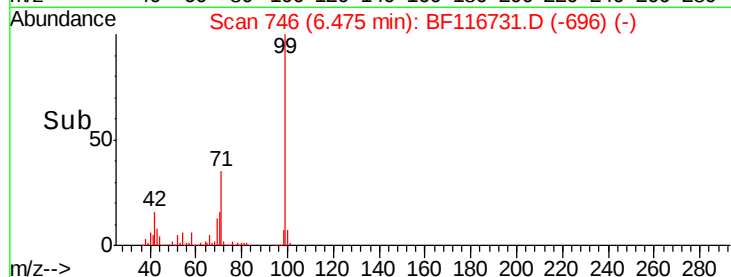
99 100

42 15.6 13.7 20.5

71 35.4 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF116731.D

Acq: 1 Sep 2019 7:42

Tgt Ion: 136 Resp: 477959

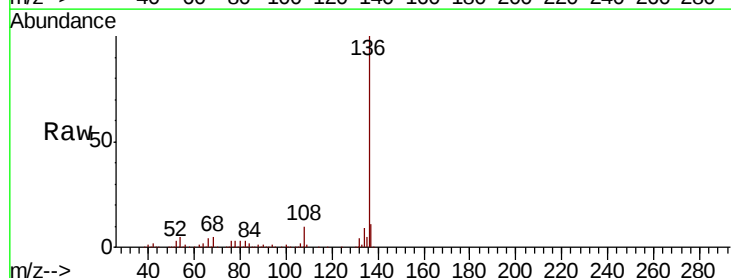
Ion Ratio Lower Upper

136 100

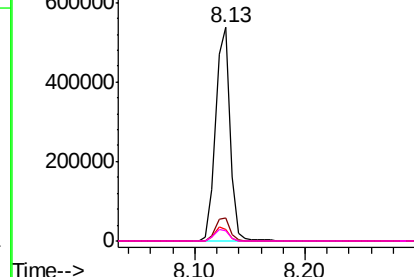
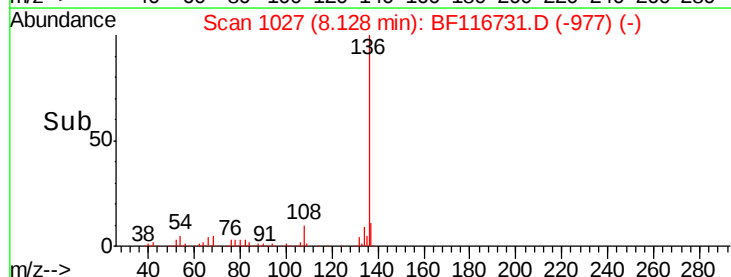
137 10.8 8.9 13.3

54 5.2 4.8 7.2

68 4.9 4.0 6.0



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

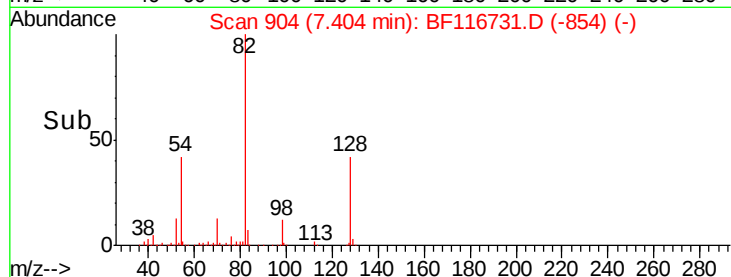
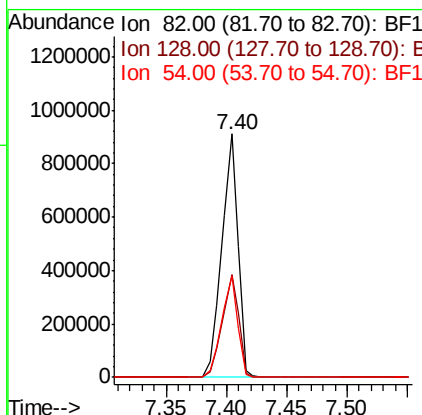
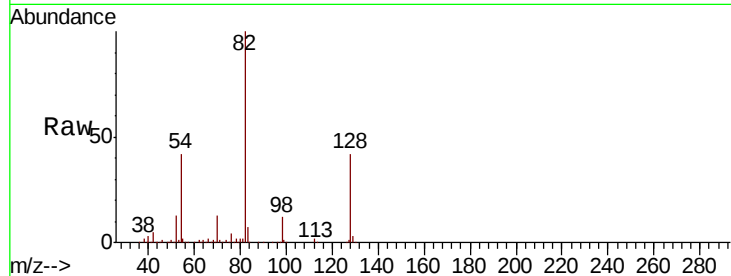




#23
Nitrobenzene-d5
Concen: 100.652 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF116731.D
Acq: 1 Sep 2019 7:42

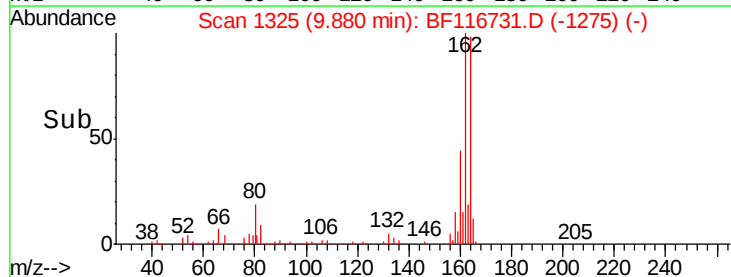
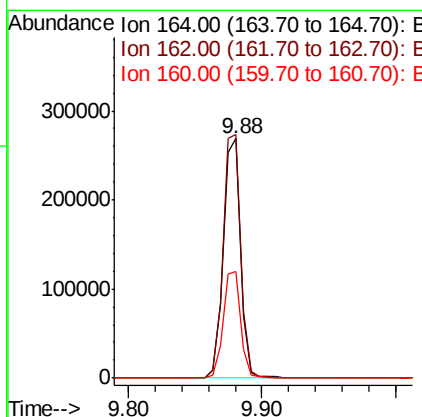
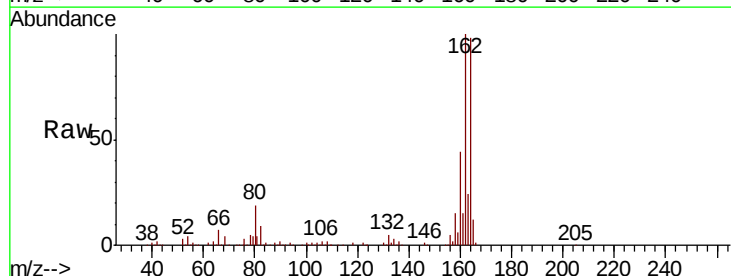
Instrument :
BNA_F
ClientSampleId :
OR-02-082919

Tot Ion	82	Resp	842699
Ion Ratio	Lower	Upper	
82	100		
128	42.4	32.8	49.2
54	41.8	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: BF116731.D
Acq: 1 Sep 2019 7:42

Tgt Ion	164	Resp	246844
Ion Ratio	Lower	Upper	
164	100		
162	101.6	81.4	122.0
160	44.3	35.4	53.2

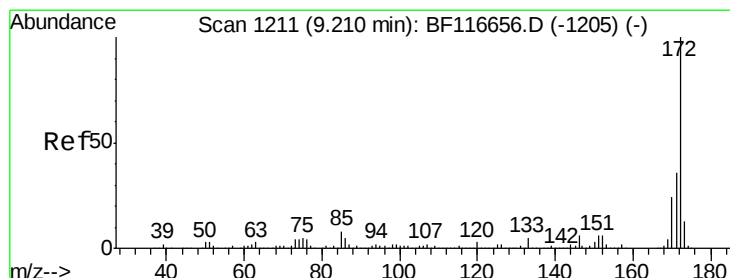
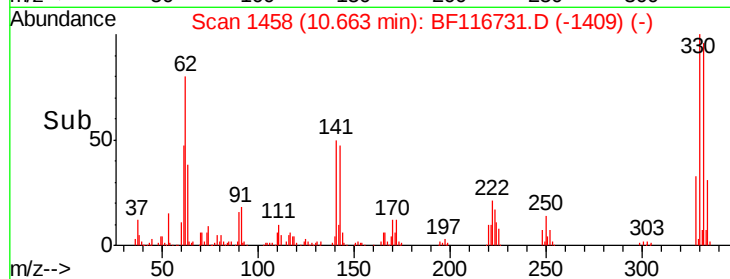
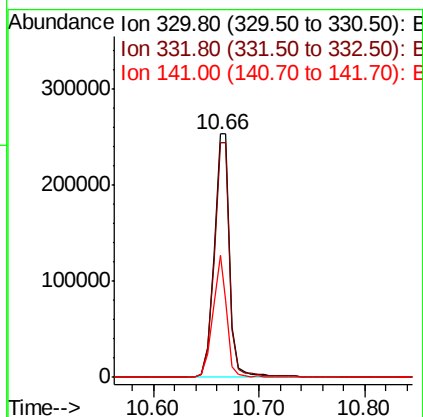
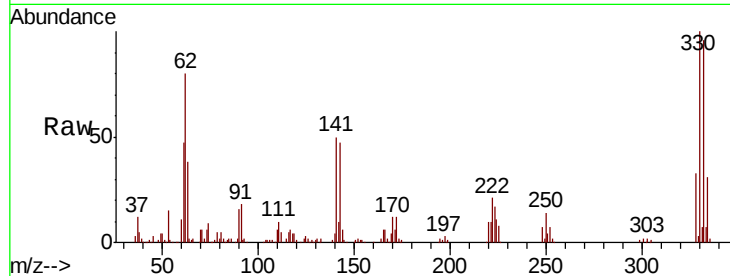




#42
 2,4,6-Tribromophenol
 Concen: 161.531 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF116731.D
 Acq: 1 Sep 2019 7:42

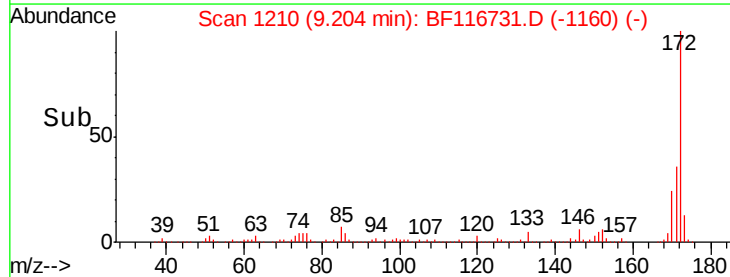
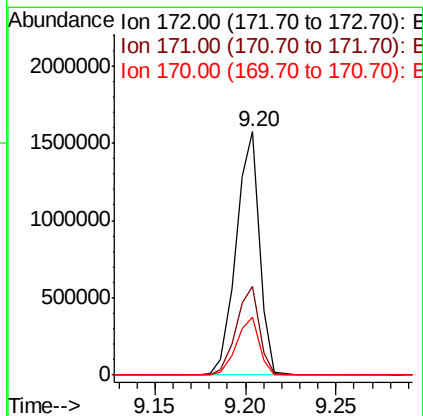
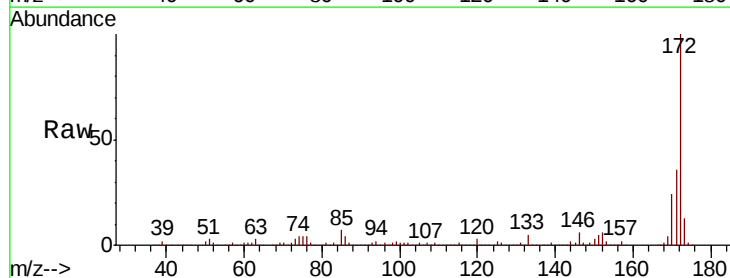
Instrument :
 BNA_F
 ClientSampleId :
 OR-02-082919

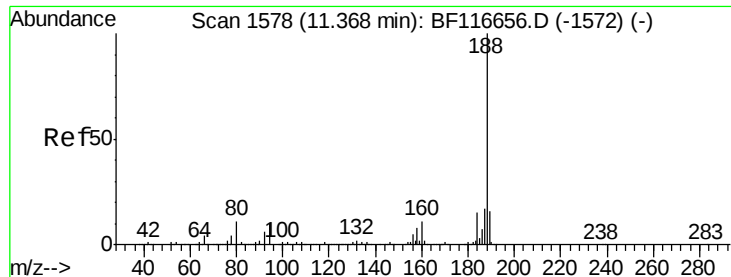
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.9	115.3
141	44.5	31.4	47.2



#45
 2-Fluorobiphenyl
 Concen: 96.544 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF116731.D
 Acq: 1 Sep 2019 7:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	27.8	41.6
170	24.1	18.9	28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BF116731.D

Acq: 1 Sep 2019 7:42

Instrument :

BNA_F

ClientSampleId :

OR-02-082919

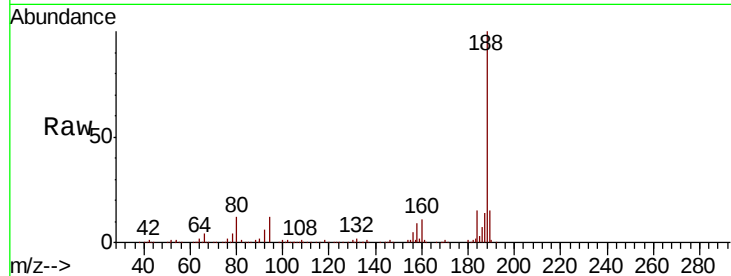
Tot Ion:188 Resp: 420135

Ion Ratio Lower Upper

188 100

94 11.7 7.3 10.9#

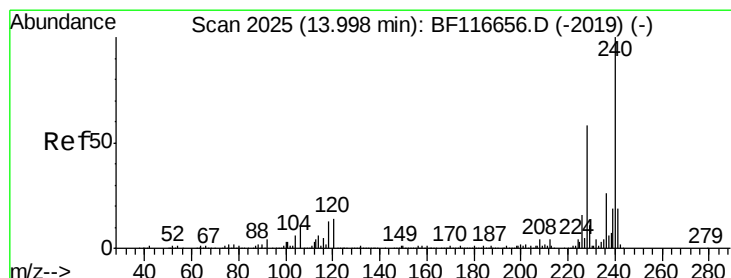
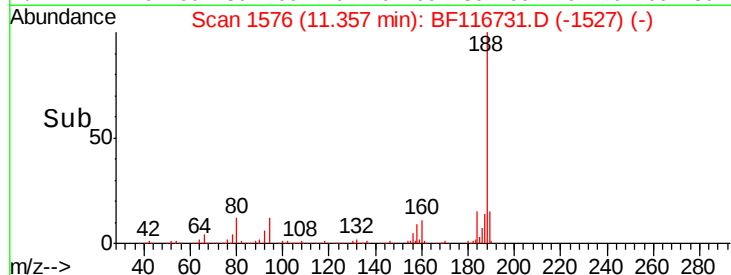
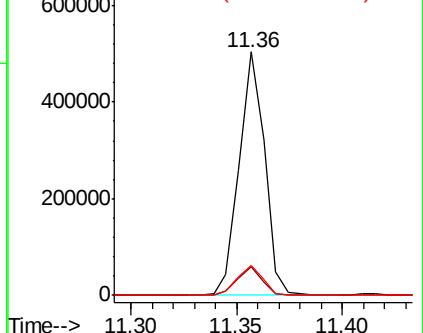
80 12.3 8.4 12.6



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: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BF116731.D

Acq: 1 Sep 2019 7:42

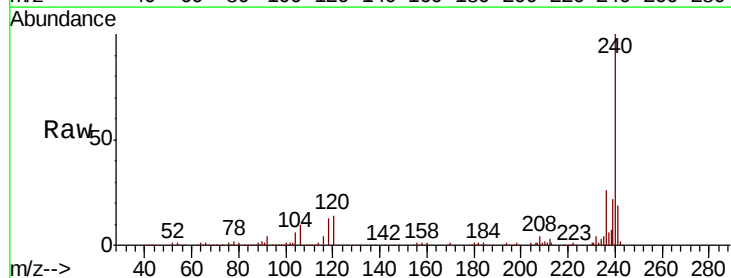
Tgt Ion:240 Resp: 273804

Ion Ratio Lower Upper

240 100

120 14.1 9.1 13.7#

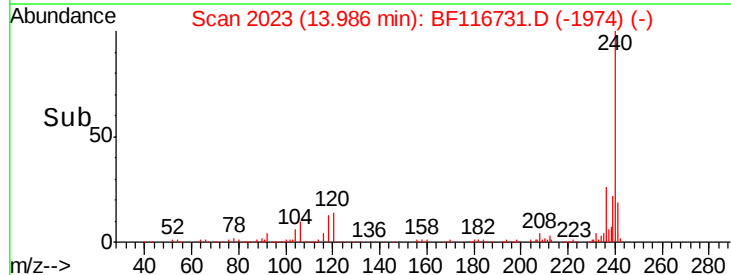
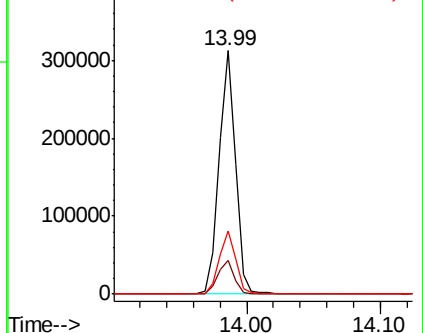
236 26.0 21.1 31.7

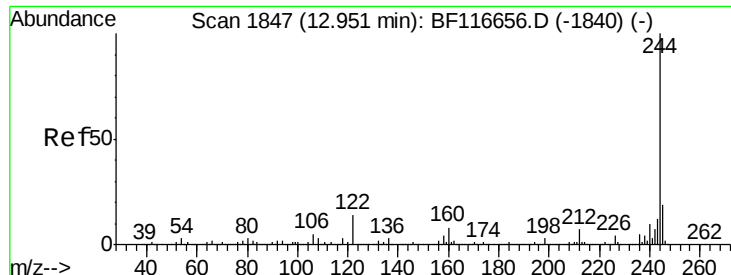


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

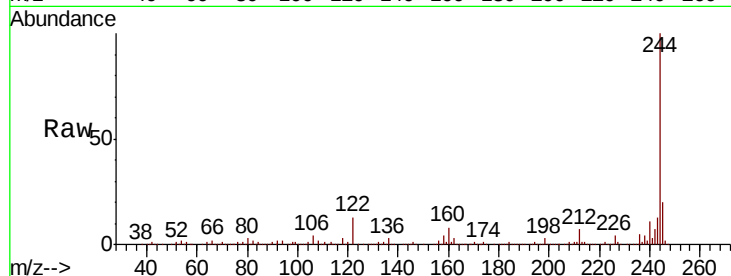




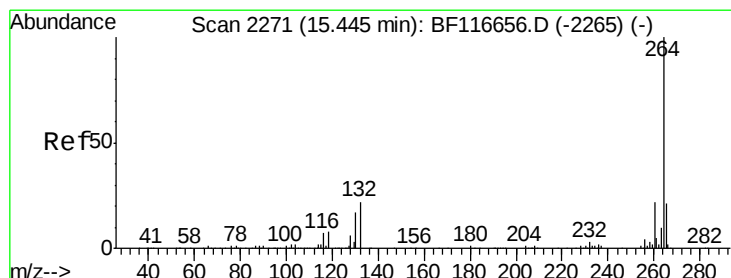
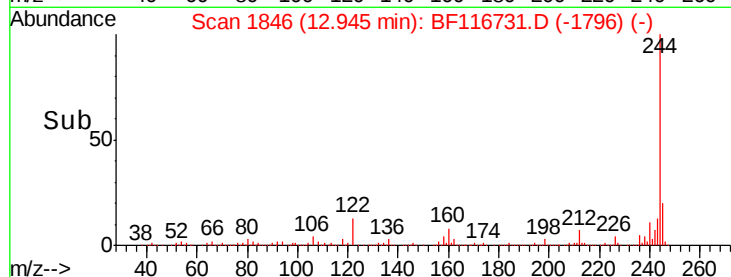
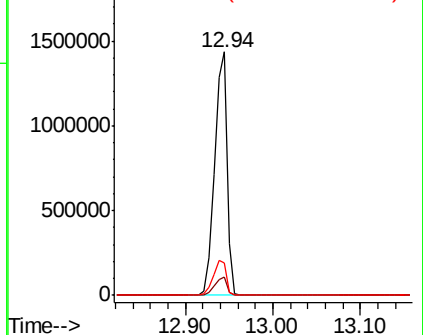
#79
 Terphenyl-d14
 Concen: 95.810 ng
 RT: 12.94 min Scan# 1846
 Delta R.T. -0.01 min
 Lab File: BF116731.D
 Acq: 1 Sep 2019 7:42

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-082919

Tot Ion:244 Resp: 1418053
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.1 9.1
 122 13.3 10.2 15.4

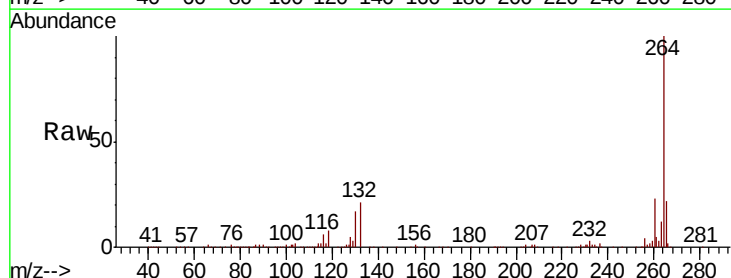


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2270
 Delta R.T. -0.01 min
 Lab File: BF116731.D
 Acq: 1 Sep 2019 7:42

Tgt Ion:264 Resp: 292329
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.3 27.5
 265 21.6 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

