

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091019\
 Data File : BF116931.D
 Acq On : 10 Sep 2019 19:48
 Operator : HP/JU
 Sample : K4789-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT5124

Quant Time: Sep 11 01:26:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 10 17:49:40 2019
 Response via : Initial Calibration

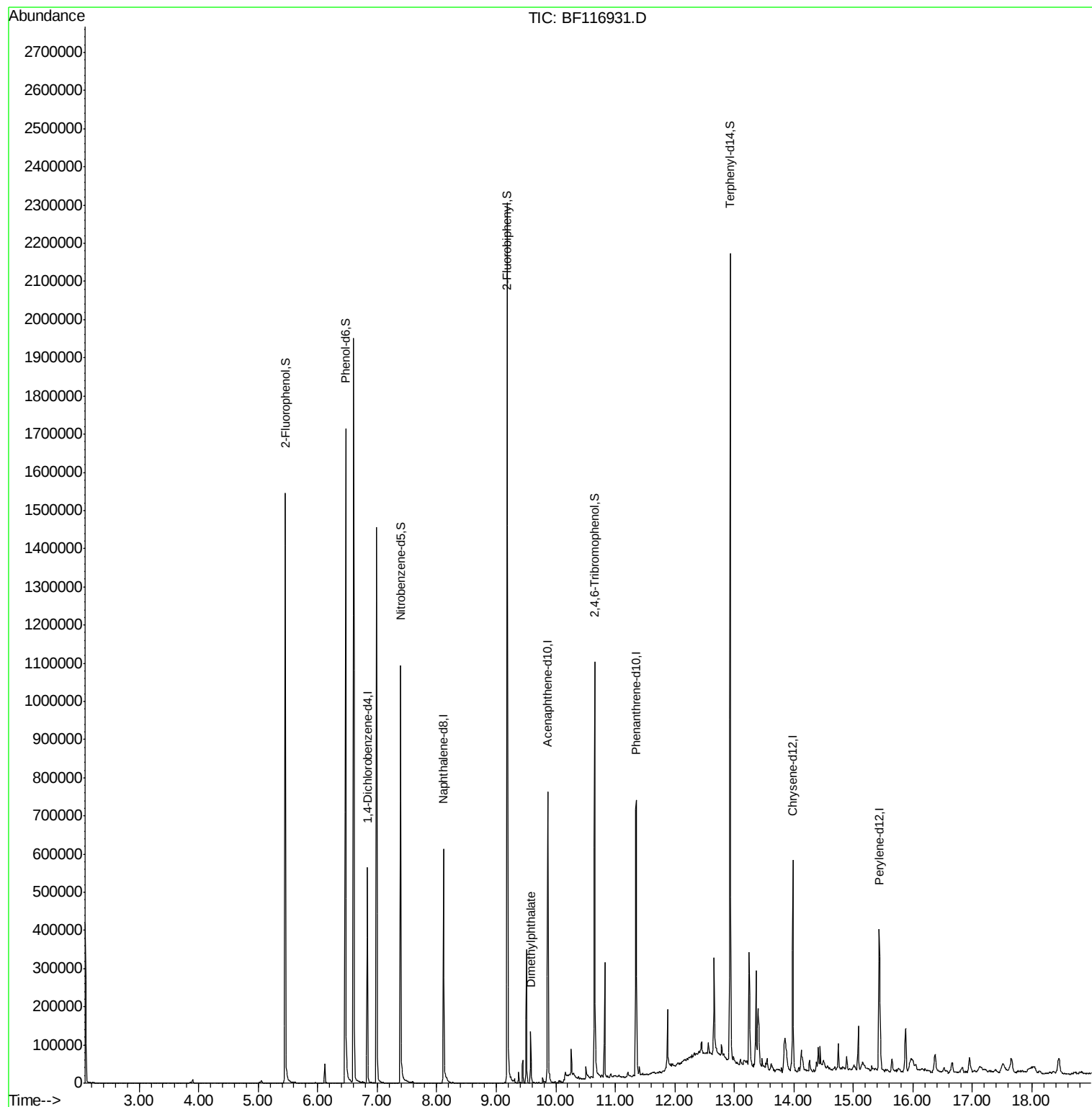
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	82127	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	327842	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	169727	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	279171	20.00	ng	0.00
76) Chrysene-d12	13.98	240	174345	20.00	ng	0.00
87) Perylene-d12	15.43	264	167199	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	465508	91.83	ng	0.00
7) Phenol-d6	6.47	99	627632	94.29	ng	0.00
23) Nitrobenzene-d5	7.39	82	398787	69.44	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	116422	102.61	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	710843	70.65	ng	0.00
79) Terphenyl-d14	12.93	244	686256	72.82	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.58	163	64987	5.546	ng	Qvalue 98

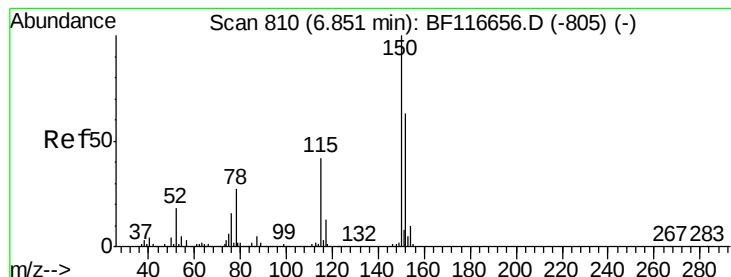
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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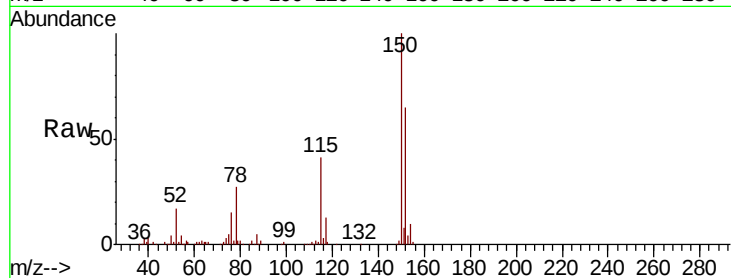


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF116931.D
Acq: 10 Sep 2019 19:48

Instrument :
BNA_F
ClientSampleId :
RT5124

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.3	124.4	186.6
115	62.5	49.9	74.9

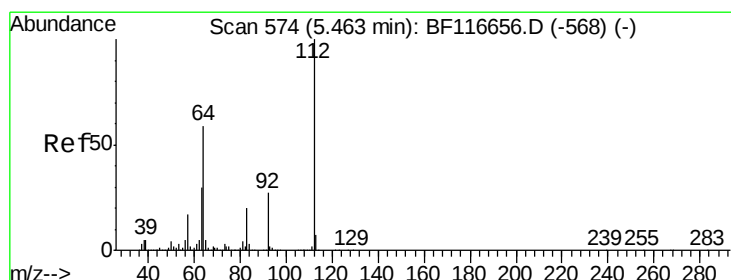
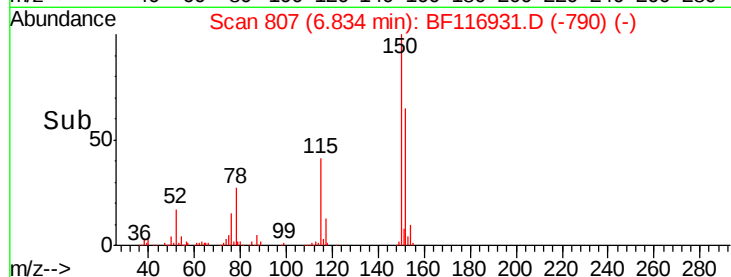
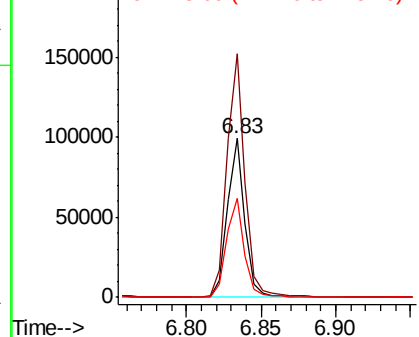


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

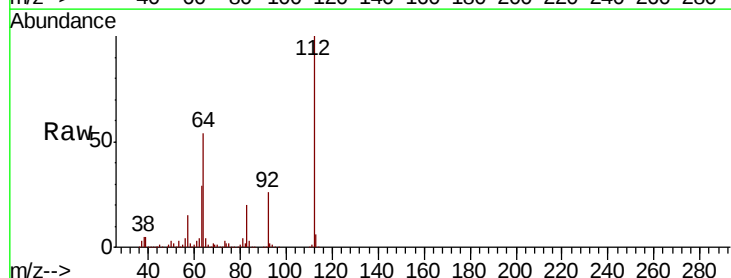
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 91.827 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.01 min
Lab File: BF116931.D
Acq: 10 Sep 2019 19:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.6	47.1	70.7
63	29.1	24.9	37.3

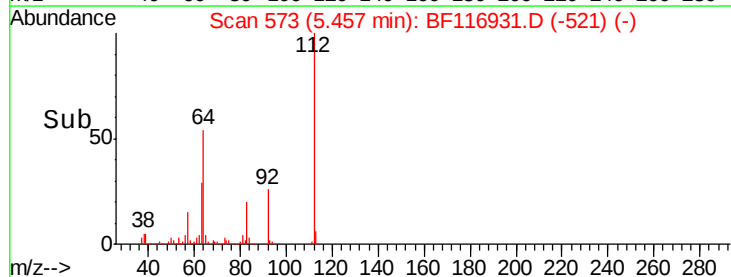
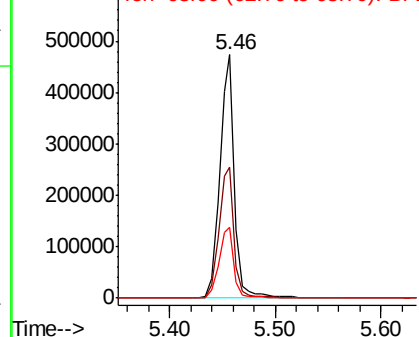


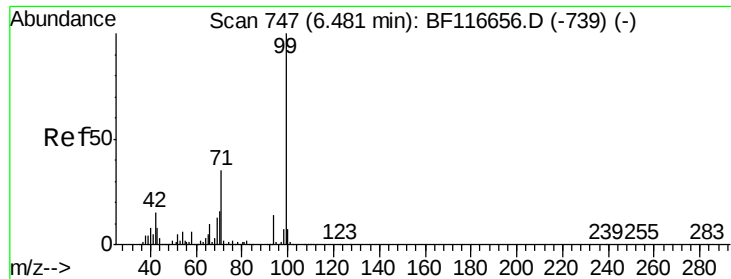
Abundance

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: 94.286 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF116931.D

Acq: 10 Sep 2019 19:48

Instrument :

BNA_F

ClientSampleId :

RT5124

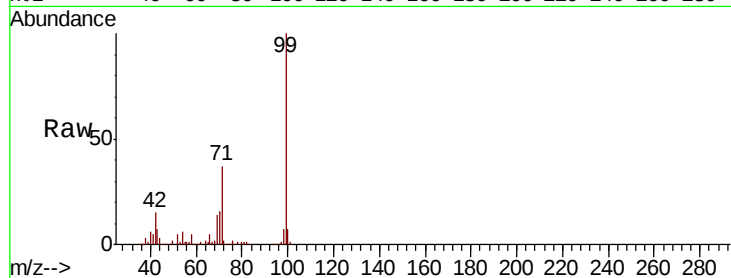
Tot Ion: 99 Resp: 627632

Ion Ratio Lower Upper

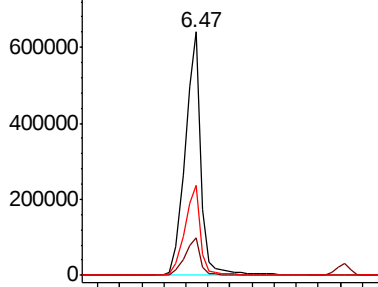
99 100

42 15.4 13.7 20.5

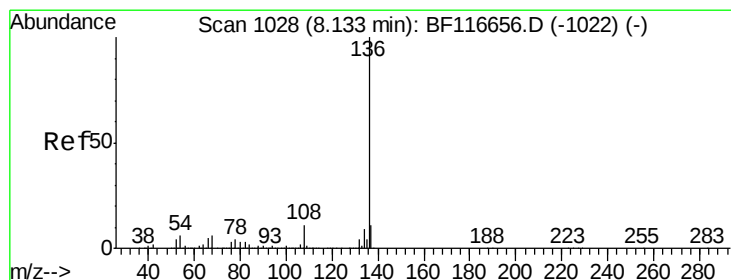
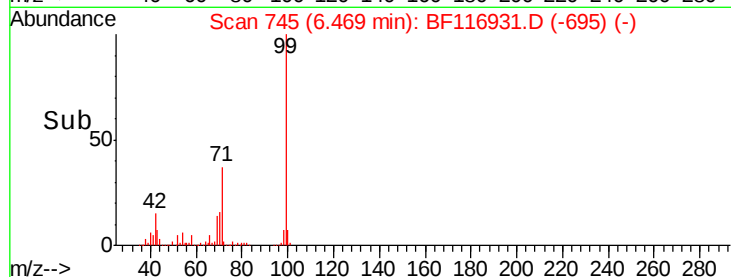
71 36.9 30.8 46.2



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



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF116931.D

Acq: 10 Sep 2019 19:48

Tgt Ion: 136 Resp: 327842

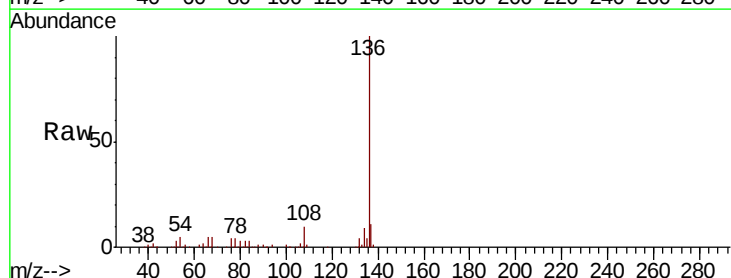
Ion Ratio Lower Upper

136 100

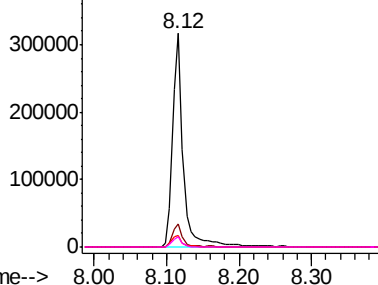
137 10.5 8.9 13.3

54 5.2 4.8 7.2

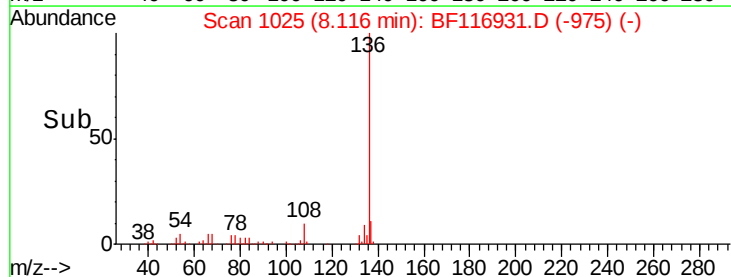
68 4.7 4.0 6.0



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



Time-->

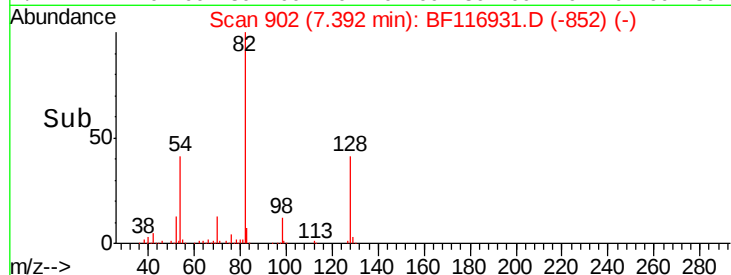
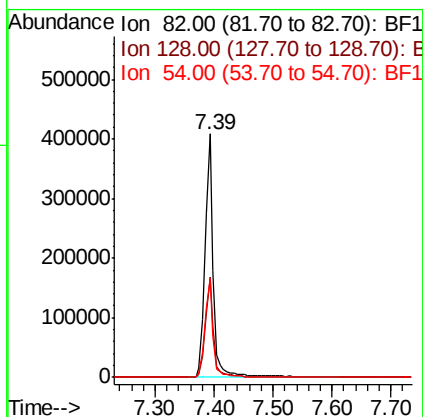
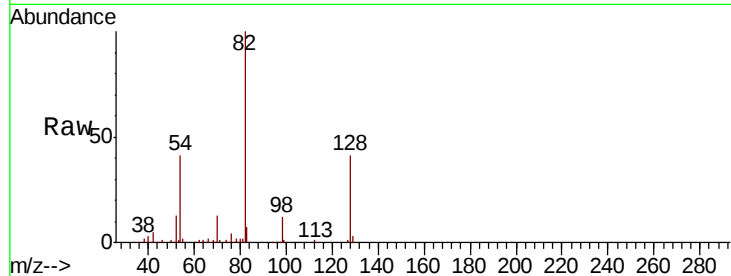




#23
 Nitrobenzene-d5
 Concen: 69.441 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.01 min
 Lab File: BF116931.D
 Acq: 10 Sep 2019 19:48

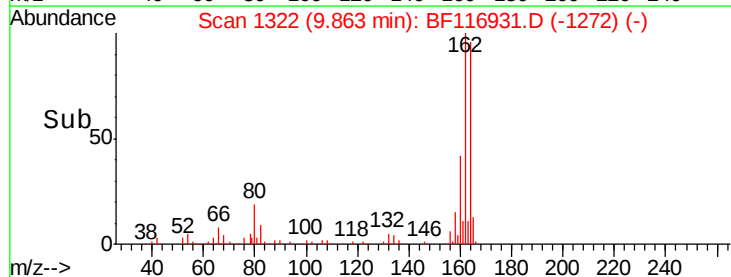
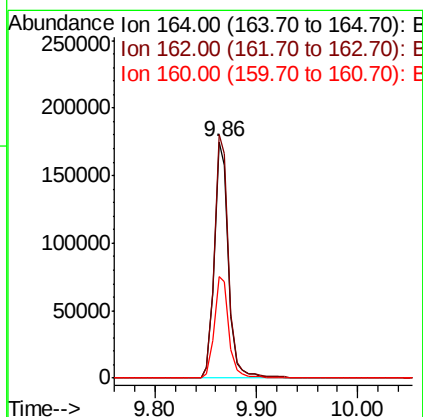
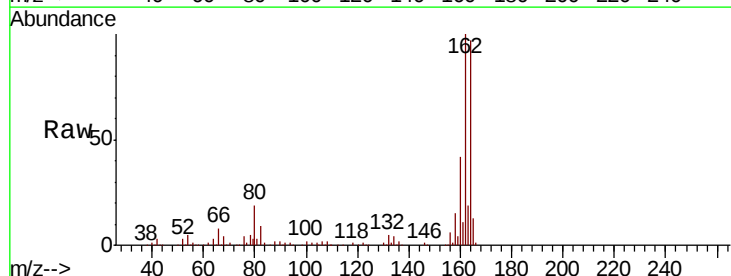
Instrument :
 BNA_F
 ClientSampleId :
 RT5124

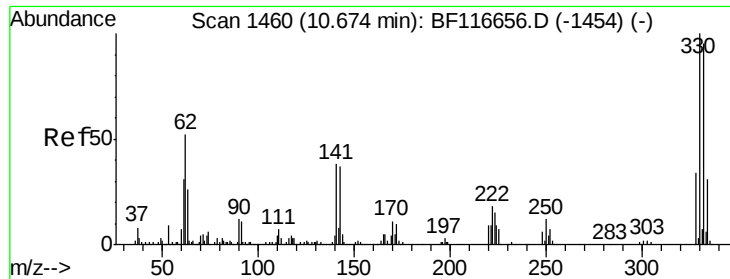
Tot Ion	Ratio	Lower	Upper
82	100		
128	41.3	32.8	49.2
54	40.9	36.9	55.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: BF116931.D
 Acq: 10 Sep 2019 19:48

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.0	81.4	122.0
160	43.1	35.4	53.2

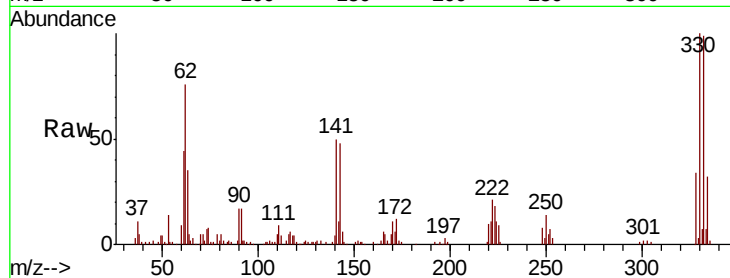




#42
 2,4,6-Tribromophenol
 Concen: 102.605 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. -0.01 min
 Lab File: BF116931.D
 Acq: 10 Sep 2019 19:48

Instrument :
 BNA_F
 ClientSampleId :
 RT5124

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.8	76.9	115.3
141	45.0	31.4	47.2

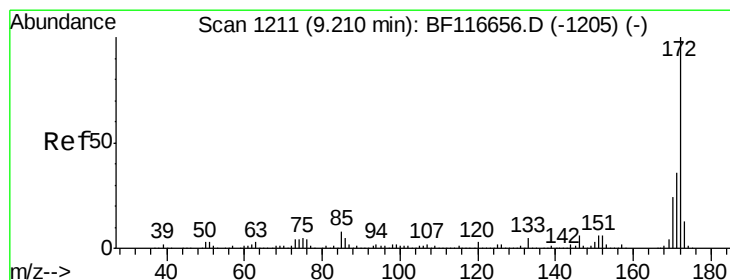
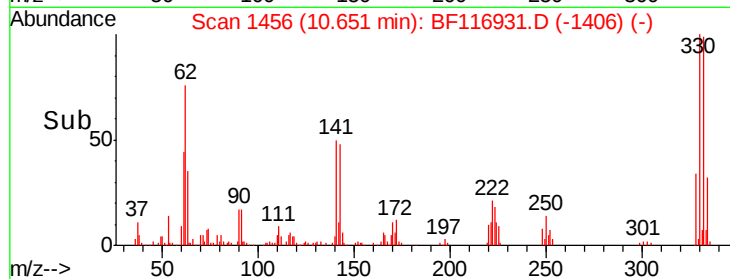
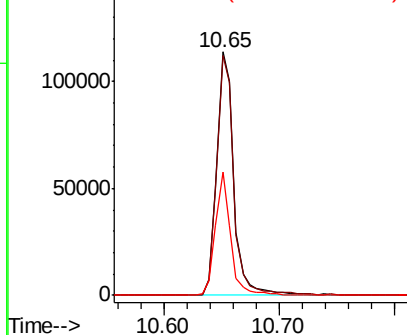


Abundance

Ion 329.80 (329.50 to 330.50): E

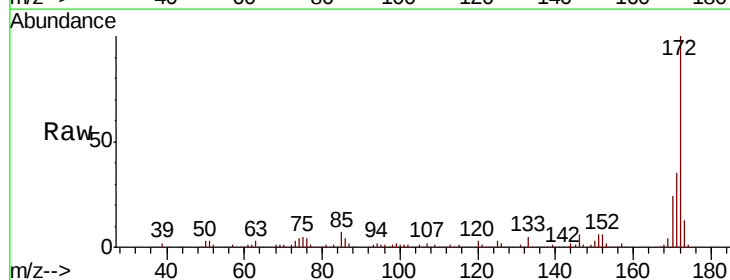
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 70.650 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF116931.D
 Acq: 10 Sep 2019 19:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	27.8	41.6
170	23.6	18.9	28.3

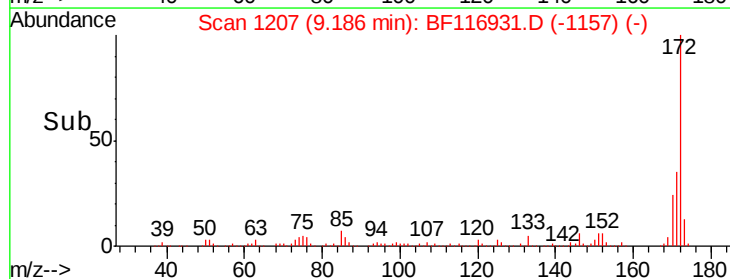
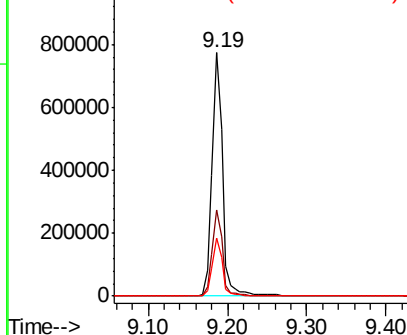


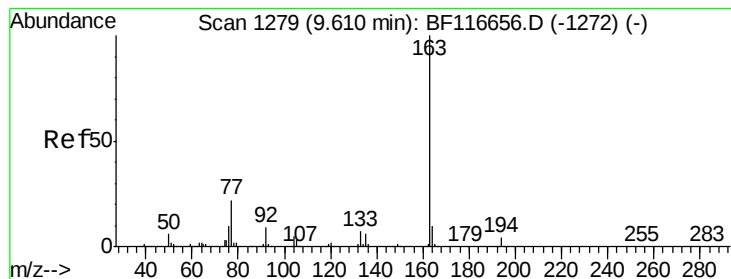
Abundance

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: 5.546 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BF116931.D

Acq: 10 Sep 2019 19:48

Instrument :

BNA_F

ClientSampleId :

RT5124

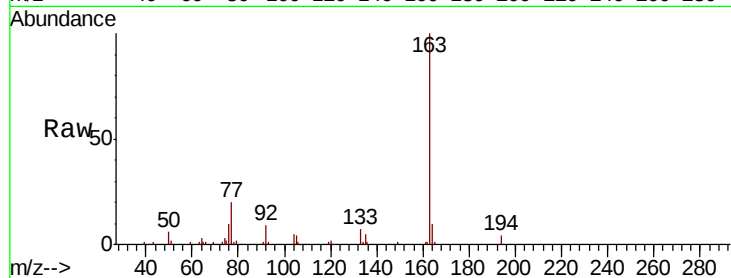
Tot Ion:163 Resp: 64987

Ion Ratio Lower Upper

163 100

194 3.7 2.8 4.2

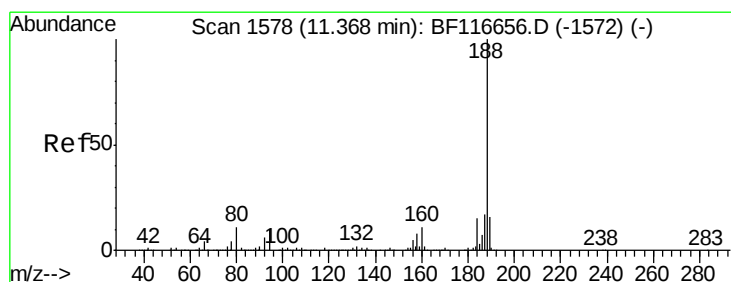
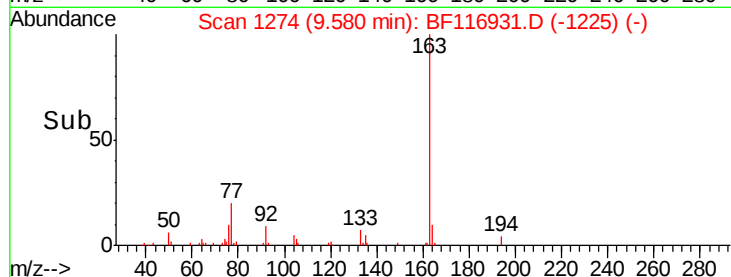
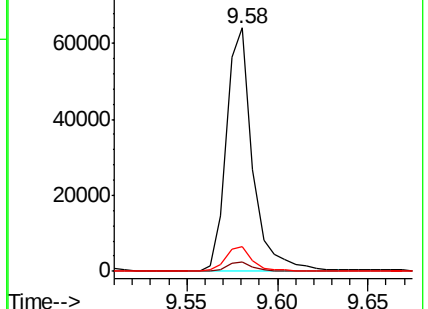
164 10.0 8.6 12.8



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: 11.35 min Scan# 1575

Delta R.T. 0.00 min

Lab File: BF116931.D

Acq: 10 Sep 2019 19:48

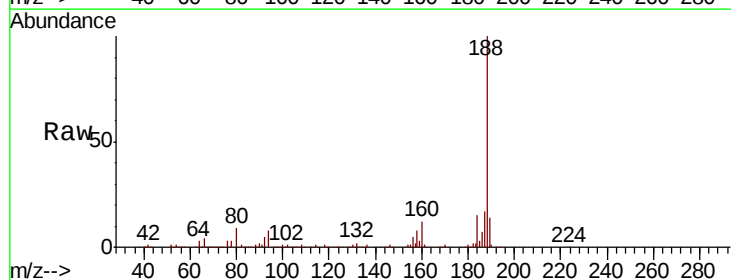
Tgt Ion:188 Resp: 279171

Ion Ratio Lower Upper

188 100

94 8.4 7.3 10.9

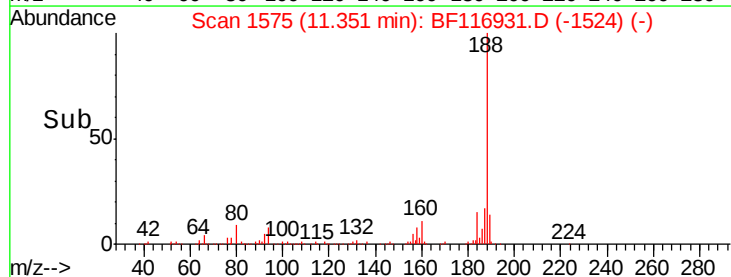
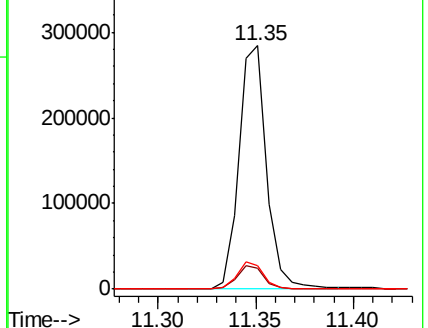
80 9.4 8.4 12.6



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

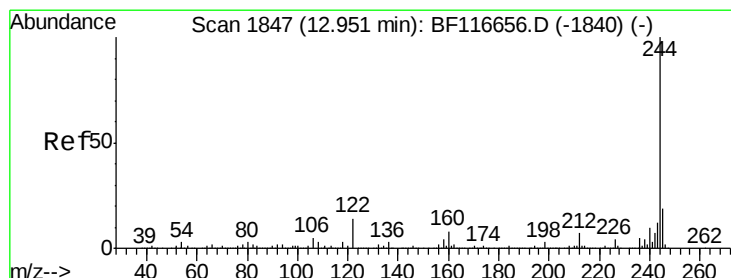
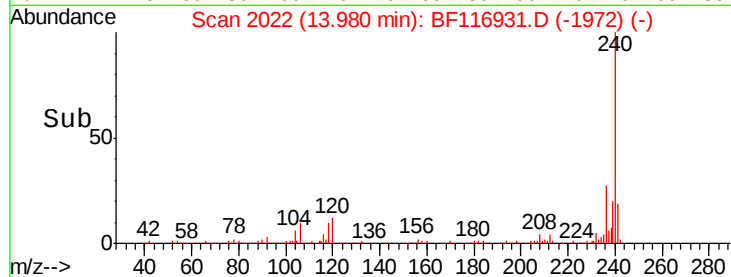
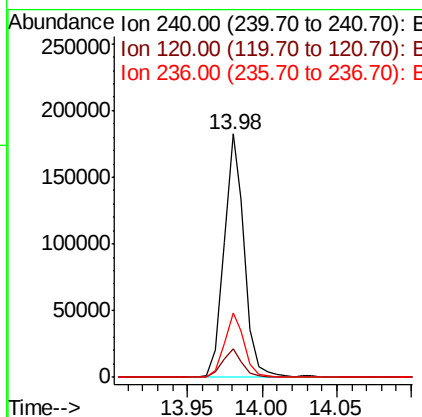
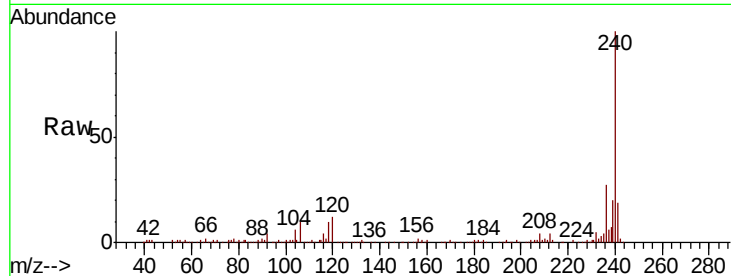




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF116931.D
 Acq: 10 Sep 2019 19:48

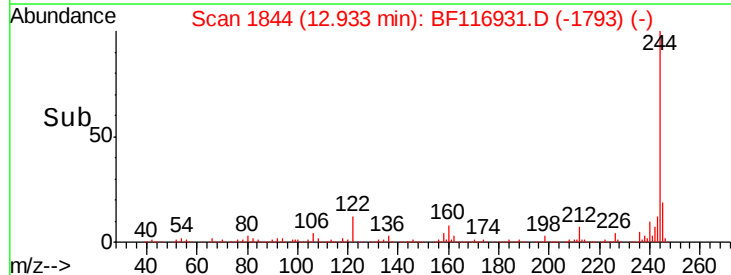
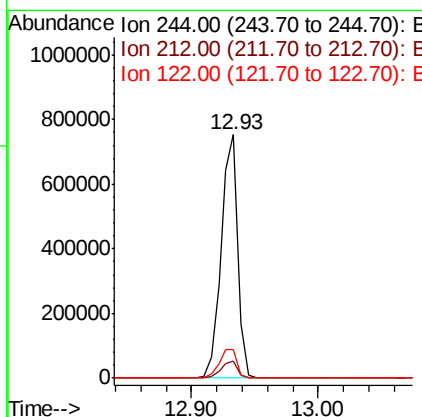
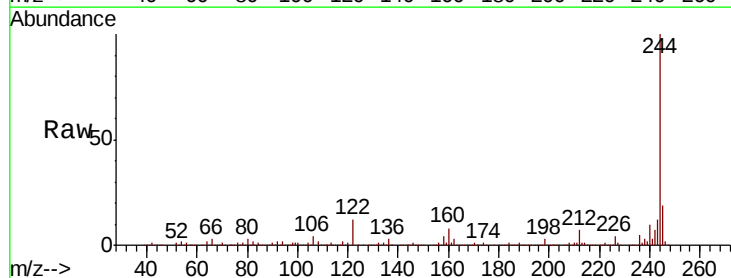
Instrument :
 BNA_F
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 RT5124

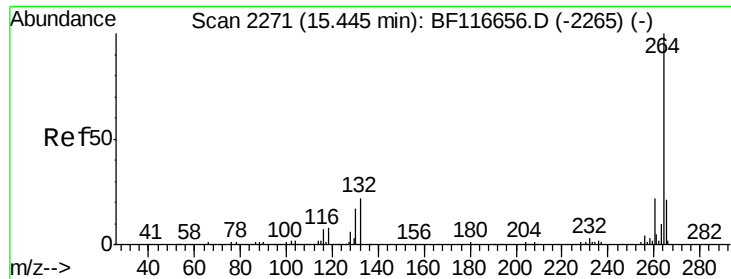
Tot Ion	Ratio	Lower	Upper
240	100		
120	11.7	9.1	13.7
236	26.7	21.1	31.7



#79
 Terphenyl-d14
 Concen: 72.817 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. 0.00 min
 Lab File: BF116931.D
 Acq: 10 Sep 2019 19:48

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.1	9.1
122	11.7	10.2	15.4





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.00 min
Lab File: BF116931.D
Acq: 10 Sep 2019 19:48

Instrument :
BNA_F
ClientSampleId :
RT5124

Tot Ion:	264	Resp:	167199
Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.3	27.5
265	21.3	16.5	24.7

