

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083119\
 Data File : BF116707.D
 Acq On : 31 Aug 2019 18:49
 Operator : HP/JU
 Sample : K4619-27
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP9-COMP

Quant Time: Sep 01 01:12:43 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

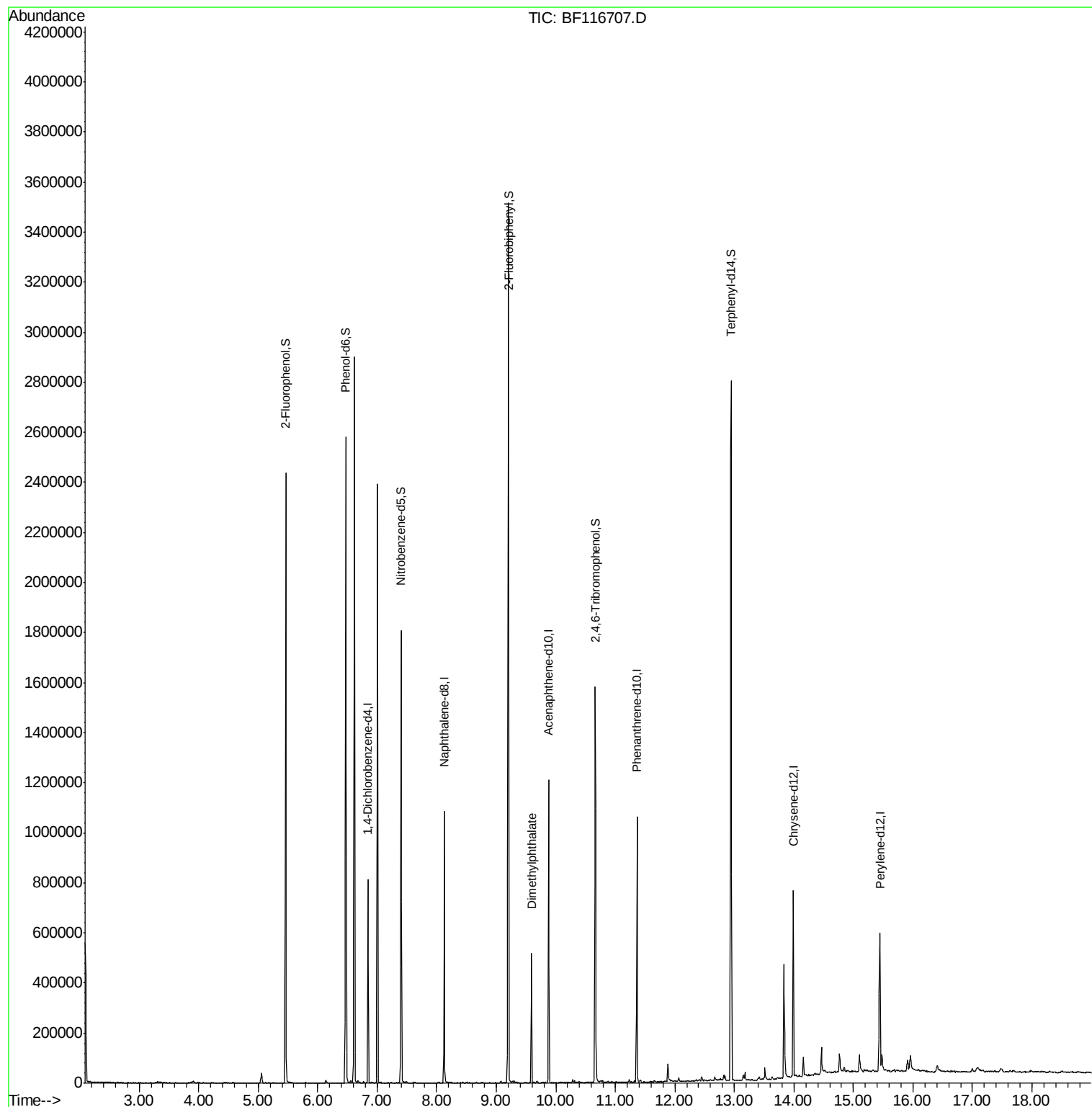
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	109876	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	432337	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	220156	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	356332	20.00	ng	0.00
76) Chrysene-d12	13.99	240	226337	20.00	ng	0.00
87) Perylene-d12	15.44	264	249047	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	673983	99.37	ng	0.00
7) Phenol-d6	6.47	99	923448	103.69	ng	0.00
23) Nitrobenzene-d5	7.40	82	570379	75.31	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	149531	101.60	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	981741	75.22	ng	0.00
79) Terphenyl-d14	12.94	244	892779	72.97	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.59	163	177050	11.648	ng	Qvalue 97

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

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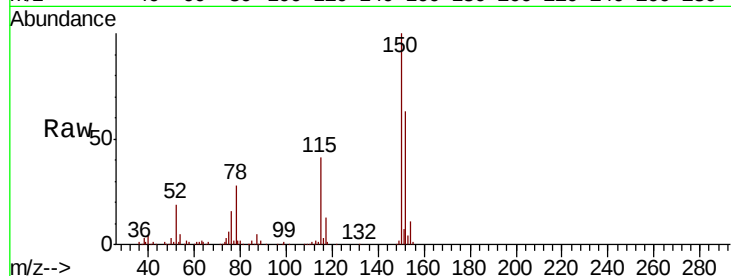


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116707.D
Acq: 31 Aug 2019 18:49

Instrument :
BNA_F
ClientSampleId :
TP9-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	124.4	186.6
115	64.7	49.9	74.9

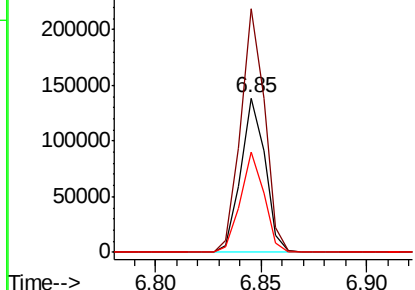
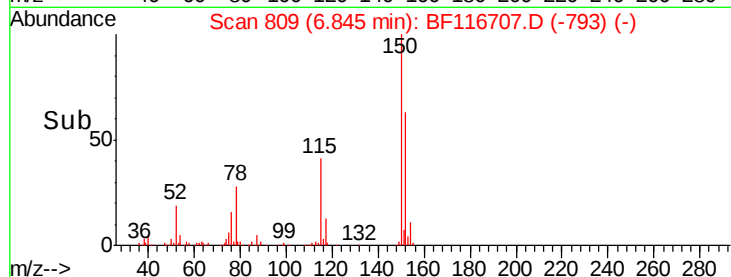


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

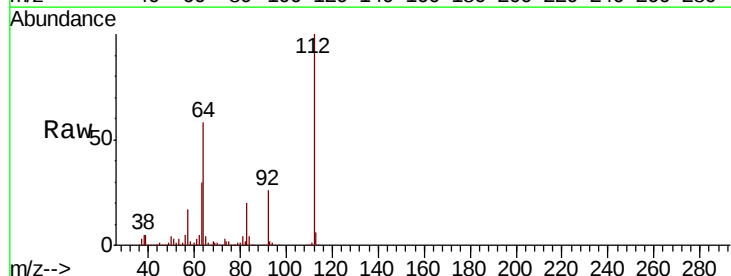
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 99.375 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF116707.D
Acq: 31 Aug 2019 18:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.5	47.1	70.7
63	30.2	24.9	37.3

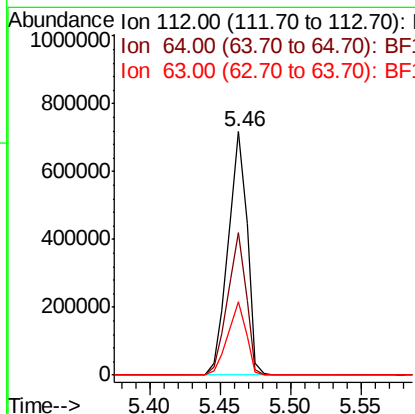
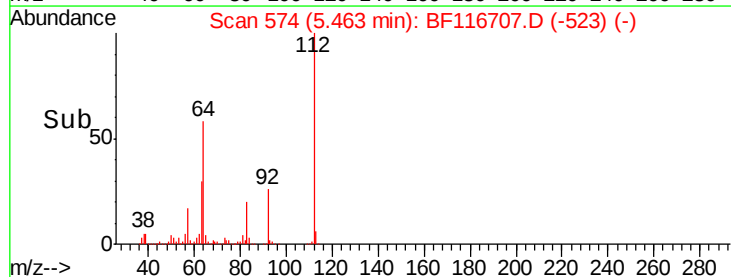


Abundance

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: 103.690 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116707.D

Acq: 31 Aug 2019 18:49

Instrument :

BNA_F

ClientSampleId :

TP9-COMP

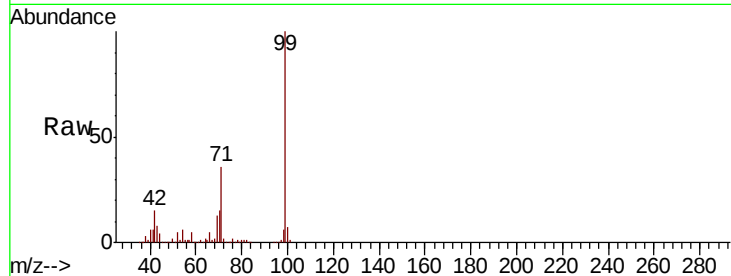
Tot Ion: 99 Resp: 923448

Ion Ratio Lower Upper

99 100

42 15.5 13.7 20.5

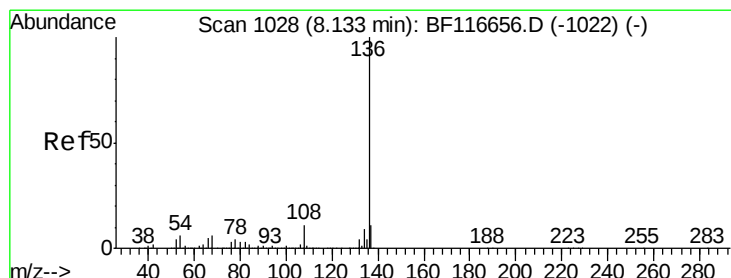
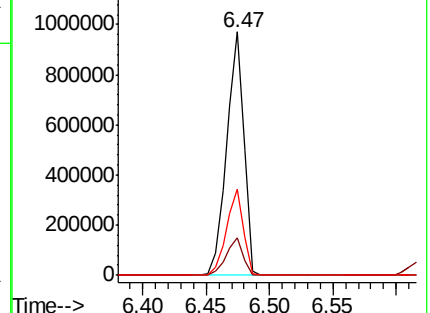
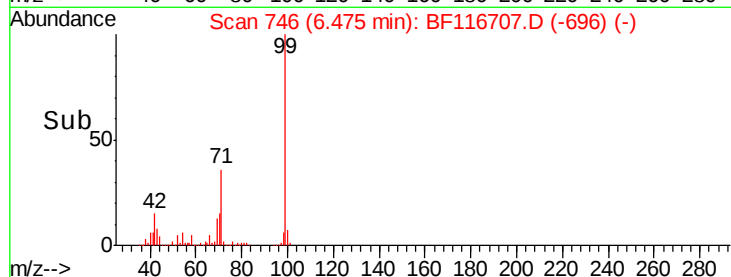
71 35.5 30.8 46.2



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: BF116707.D

Acq: 31 Aug 2019 18:49

Tgt Ion: 136 Resp: 432337

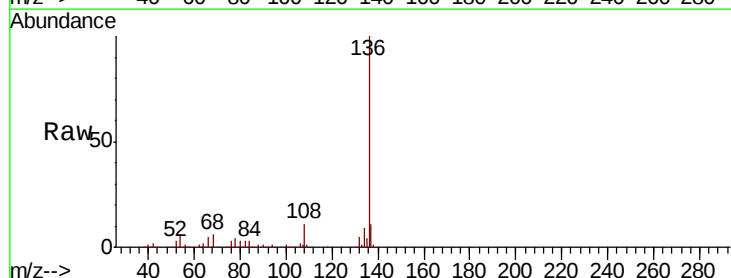
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 6.2 4.8 7.2

68 5.6 4.0 6.0

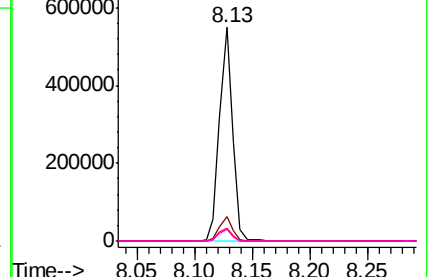
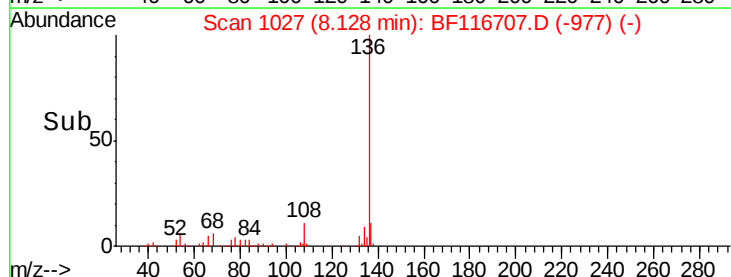


Abundance Ion 136.00 (135.70 to 136.70): E

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

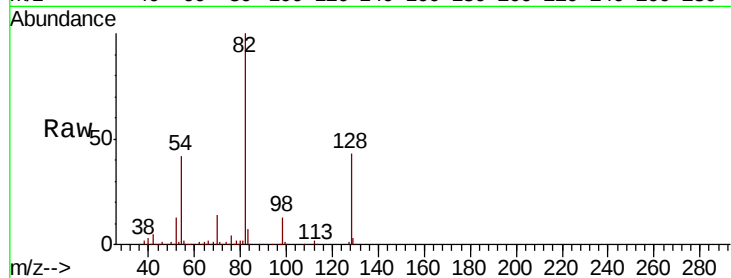




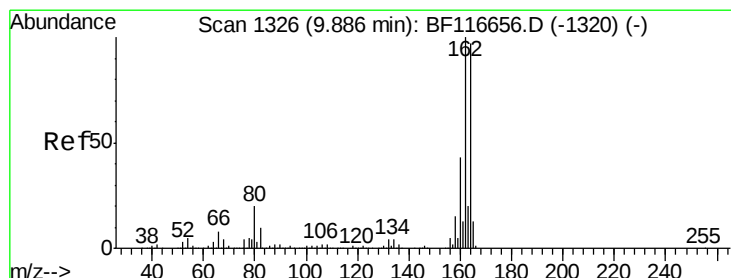
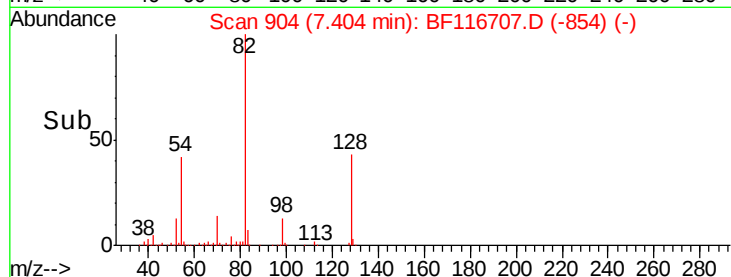
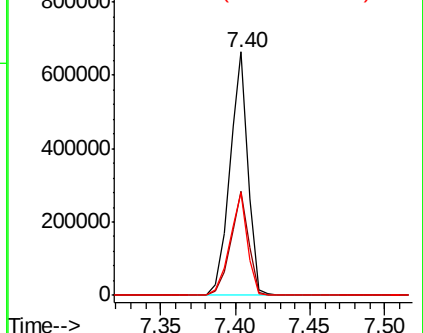
#23
 Nitrobenzene-d5
 Concen: 75.315 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BF116707.D
 Acq: 31 Aug 2019 18:49

Instrument :
 BNA_F
 ClientSampled :
 TP9-COMP

Tot Ion	82	Resp	570379
Ion Ratio	Lower	Upper	
82	100		
128	42.9	32.8	49.2
54	42.2	36.9	55.3

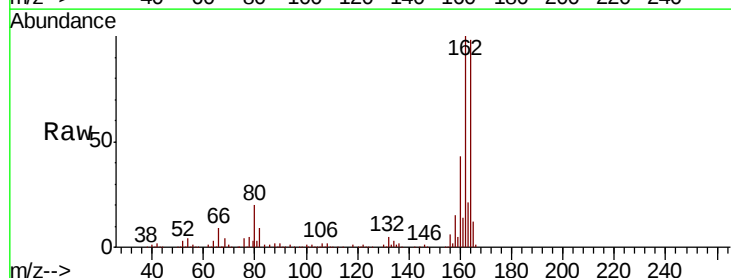


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

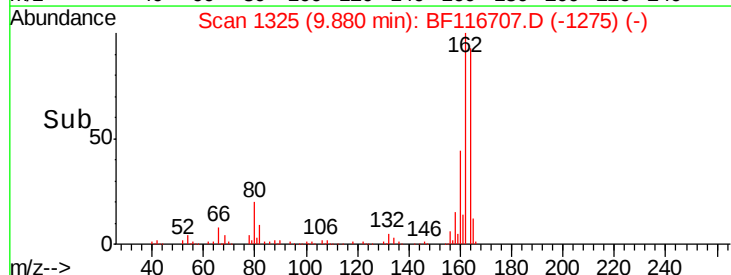
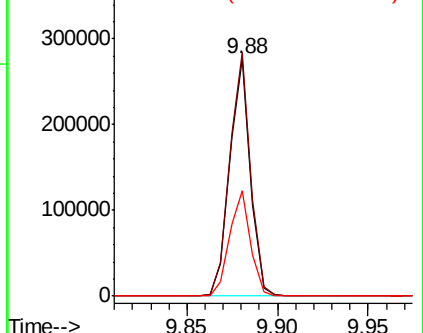


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.01 min
 Lab File: BF116707.D
 Acq: 31 Aug 2019 18:49

Tgt Ion	164	Resp	220156
Ion Ratio	Lower	Upper	
164	100		
162	102.5	81.4	122.0
160	44.5	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

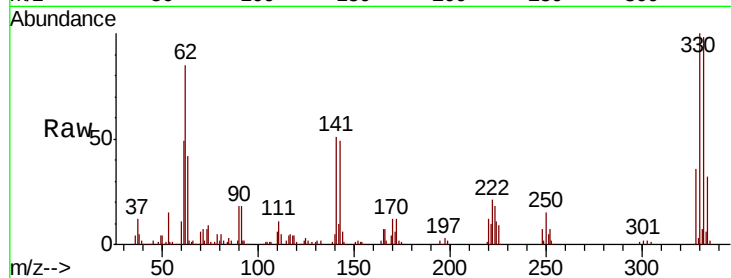




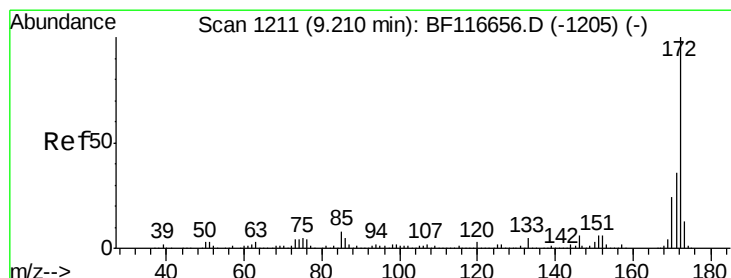
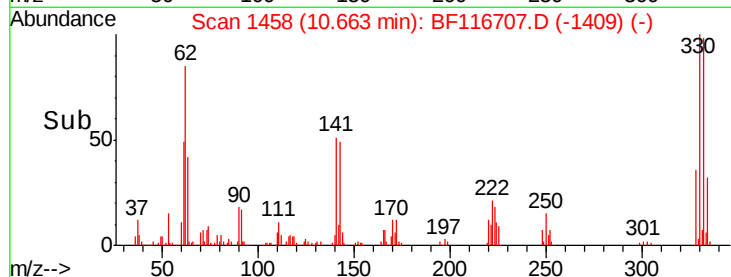
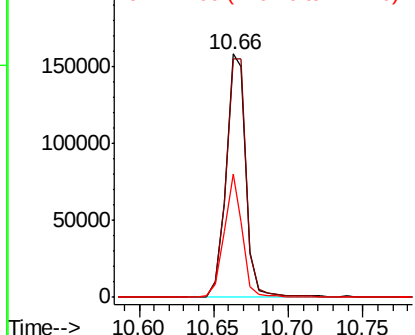
#42
 2,4,6-Tribromophenol
 Concen: 101.598 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF116707.D
 Acq: 31 Aug 2019 18:49

Instrument :
 BNA_F
 ClientSampleId :
 TP9-COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	100.4	76.9	115.3
141	45.7	31.4	47.2

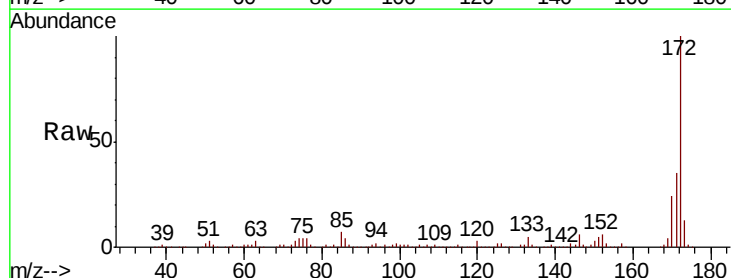


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

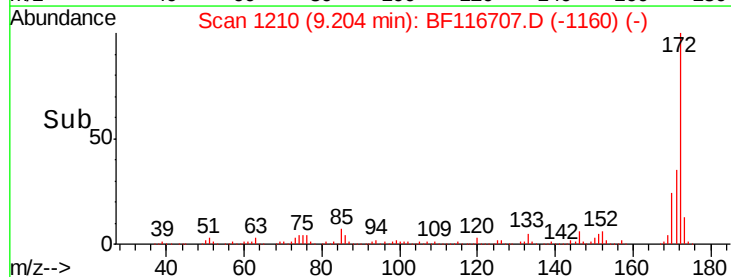
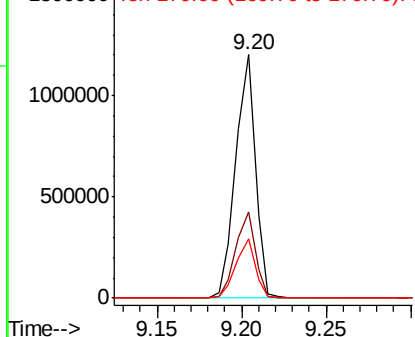


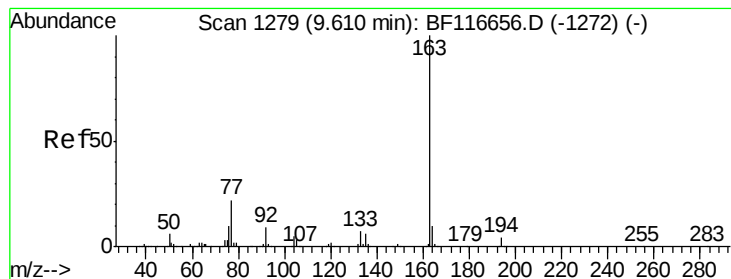
#45
 2-Fluorobiphenyl
 Concen: 75.224 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF116707.D
 Acq: 31 Aug 2019 18:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	27.8	41.6
170	24.1	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: 11.648 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.02 min

Lab File: BF116707.D

Acq: 31 Aug 2019 18:49

Instrument :

BNA_F

ClientSampleId :

TP9-COMP

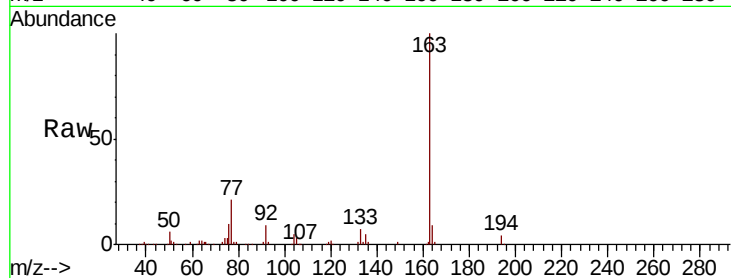
Tot Ion:163 Resp: 177050

Ion Ratio Lower Upper

163 100

194 3.7 2.8 4.2

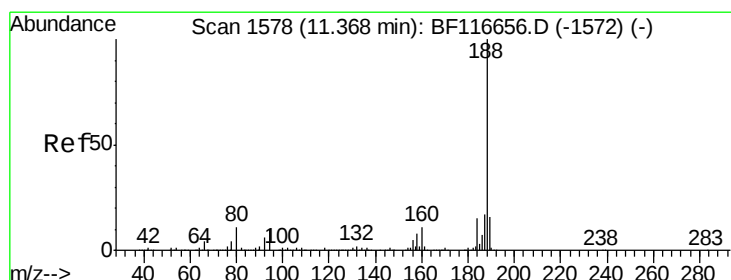
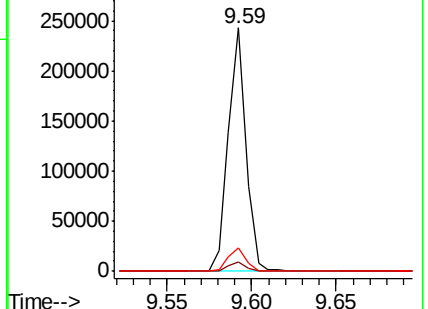
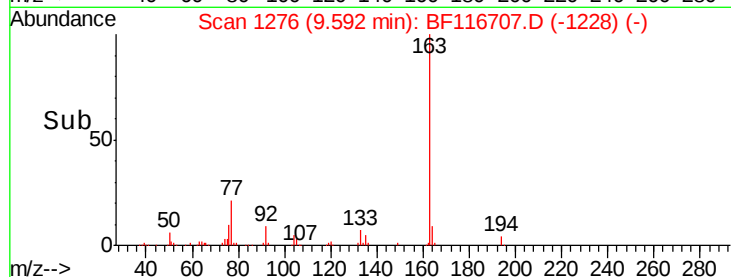
164 9.5 8.6 12.8



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: BF116707.D

Acq: 31 Aug 2019 18:49

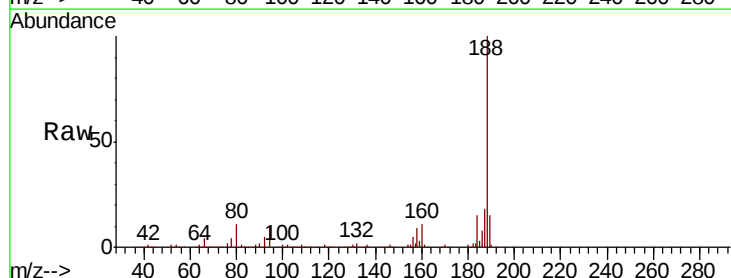
Tgt Ion:188 Resp: 356332

Ion Ratio Lower Upper

188 100

94 10.3 7.3 10.9

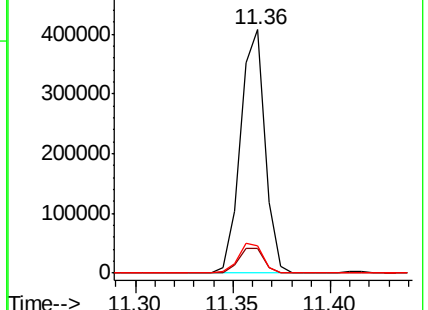
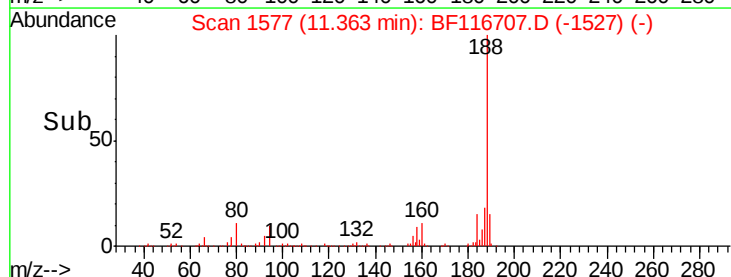
80 11.0 8.4 12.6

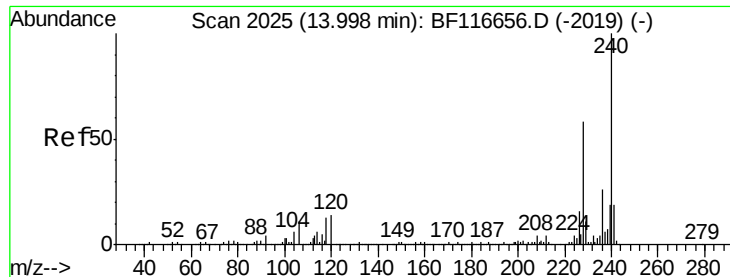


Abundance Ion 188.00 (187.70 to 188.70): E

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# 2024

Delta R.T. -0.01 min

Lab File: BF116707.D

Acq: 31 Aug 2019 18:49

Instrument :

BNA_F

ClientSampleId :

TP9-COMP

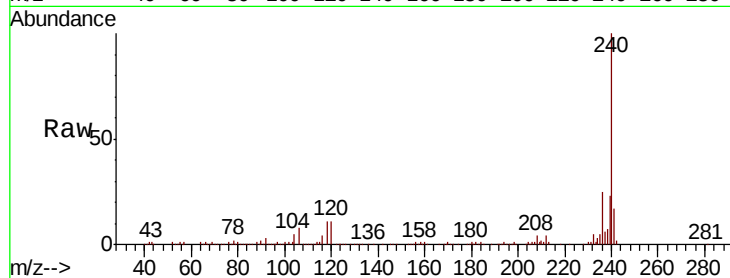
Tot Ion:240 Resp: 226337

Ion Ratio Lower Upper

240 100

120 11.5 9.1 13.7

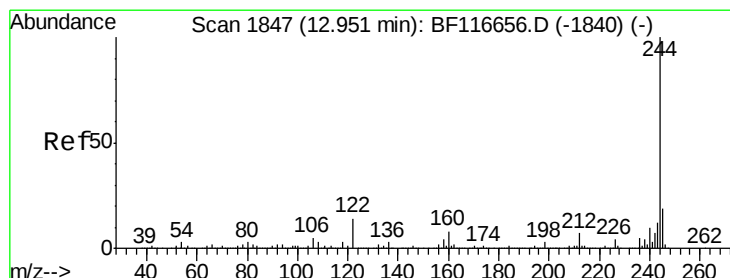
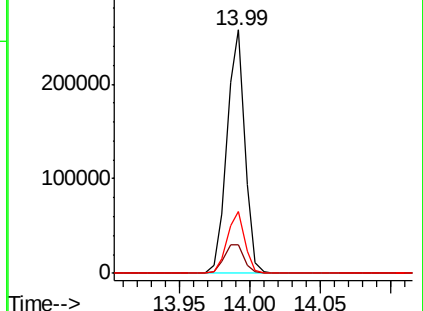
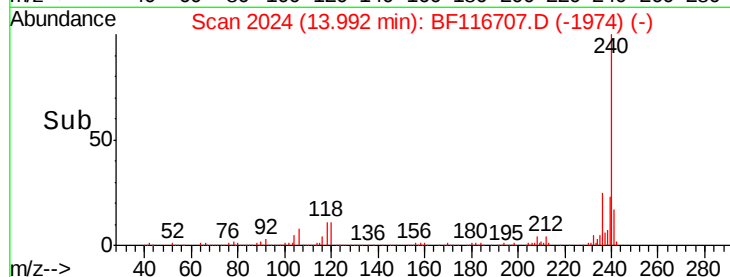
236 25.5 21.1 31.7



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: 72.970 ng

RT: 12.94 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BF116707.D

Acq: 31 Aug 2019 18:49

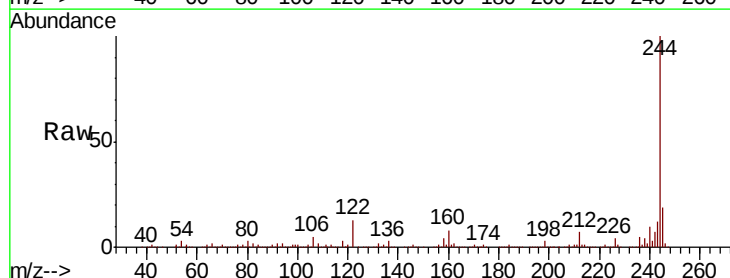
Tgt Ion:244 Resp: 892779

Ion Ratio Lower Upper

244 100

212 7.2 6.1 9.1

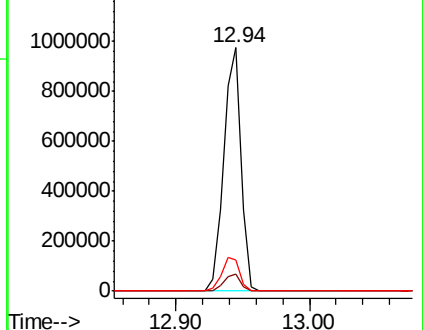
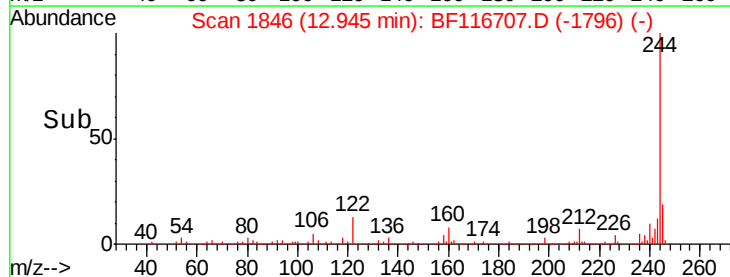
122 12.8 10.2 15.4

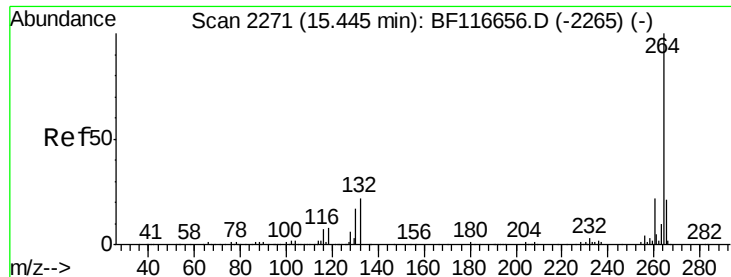


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

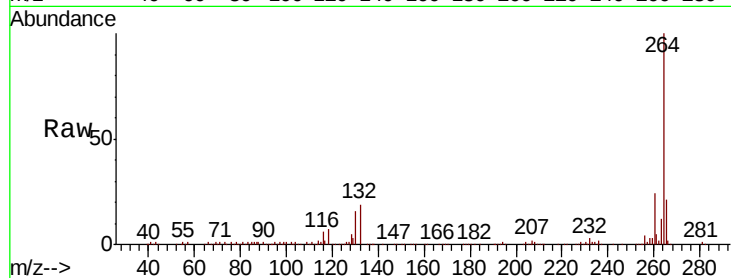




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.00 min
Lab File: BF116707.D
Acq: 31 Aug 2019 18:49

Instrument :
BNA_F
ClientSampleId :
TP9-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.3	27.5
265	21.2	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

