

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091819\
 Data File : BF117150.D
 Acq On : 18 Sep 2019 17:48
 Operator : HP/JU
 Sample : K4666-18
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-091619

Quant Time: Sep 19 07:52:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

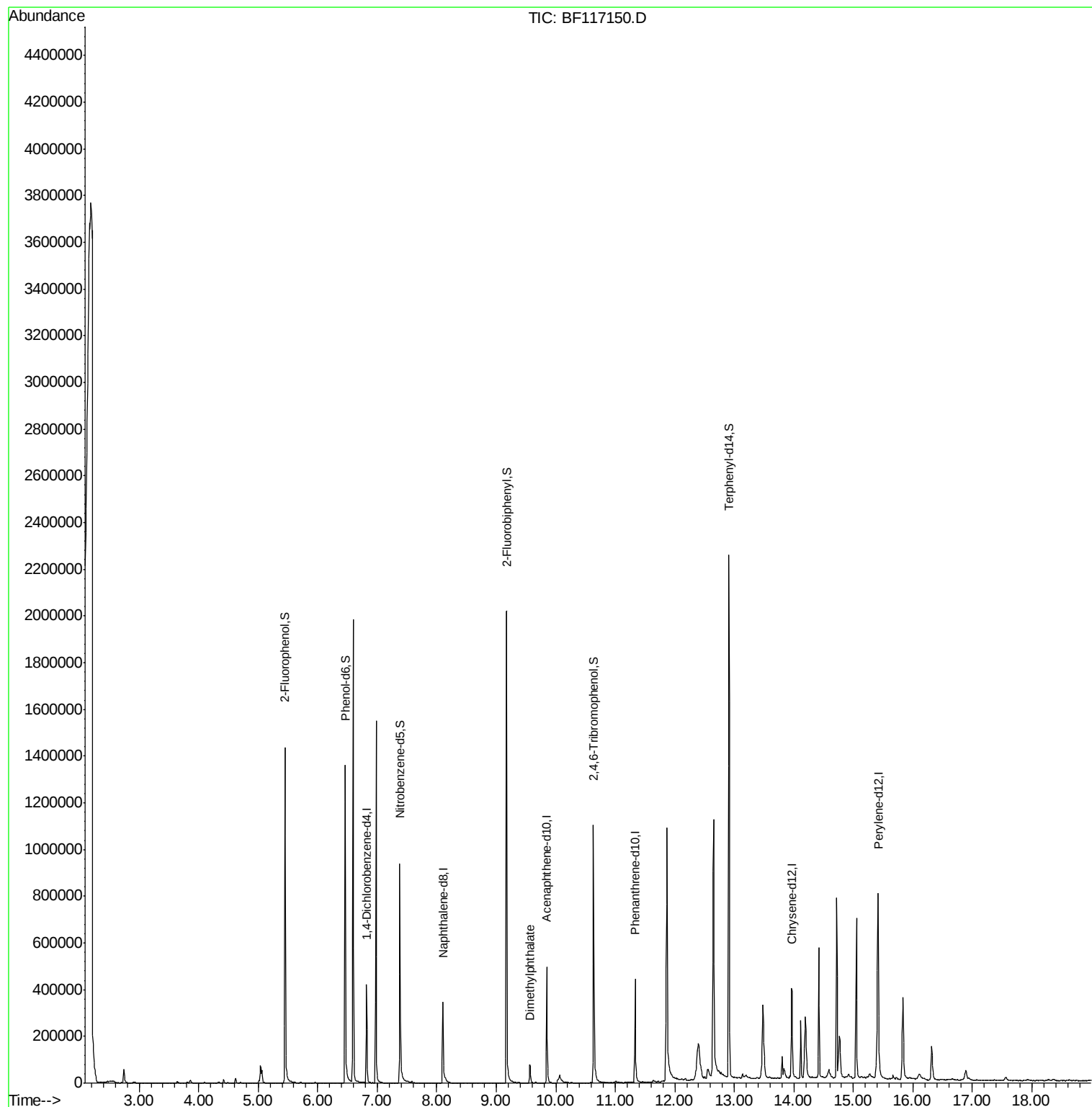
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	61188	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	236880	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	120820	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	201740	20.00	ng	0.00
76) Chrysene-d12	13.96	240	159403	20.00	ng	-0.01
87) Perylene-d12	15.42	264	157999	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	456844	116.57	ng	0.01
7) Phenol-d6	6.46	99	554877	109.55	ng	0.00
23) Nitrobenzene-d5	7.38	82	422441	93.70	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	150785	149.32	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	729546	94.41	ng	0.00
79) Terphenyl-d14	12.91	244	731472	85.78	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.56	163	43617	5.099	ng	Qvalue 98

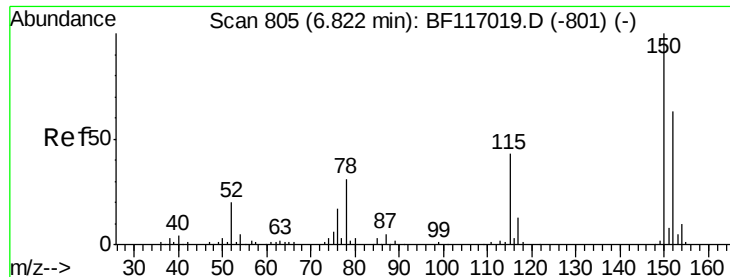
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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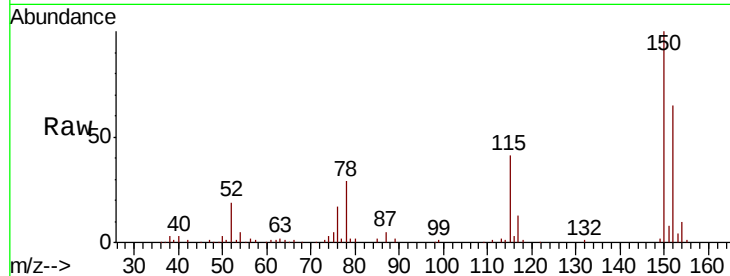


#1

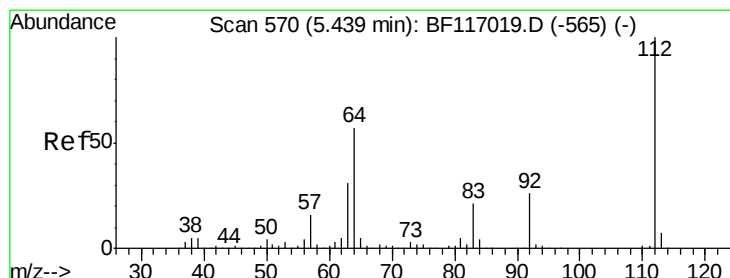
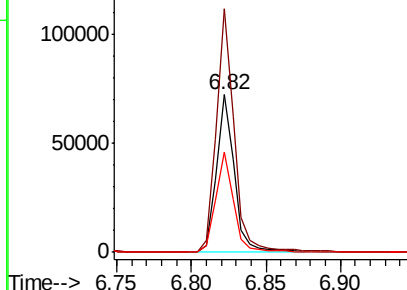
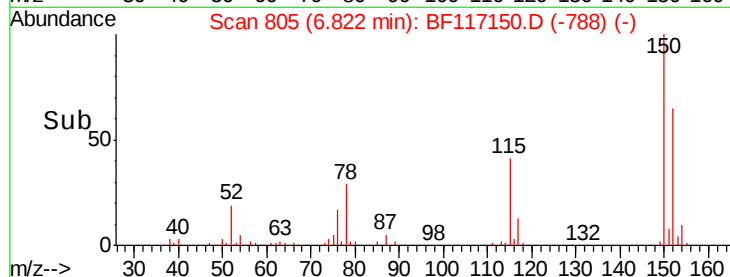
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF117150.D
Acq: 18 Sep 2019 17:48

Instrument :
BNA_F
ClientSampleId :
PL-02-091619

Tot Ion:152 Resp: 61188
Ion Ratio Lower Upper
152 100
150 154.7 127.5 191.3
115 63.8 55.0 82.4



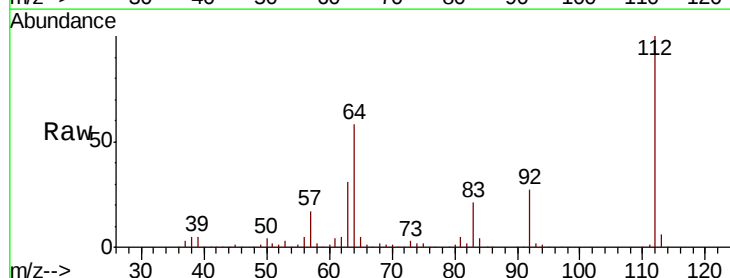
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



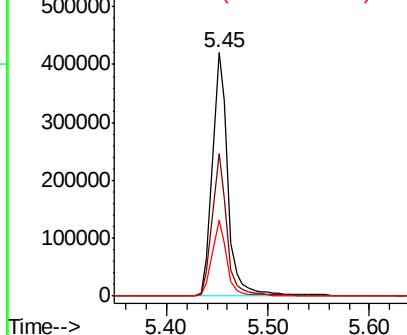
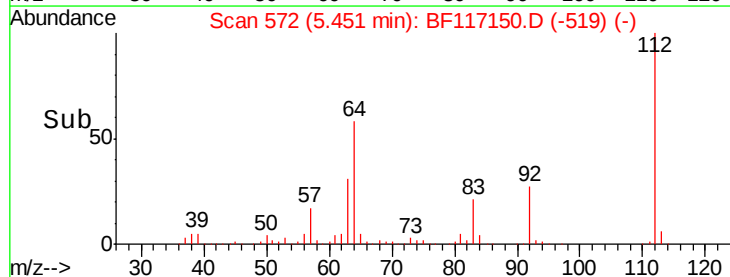
#5

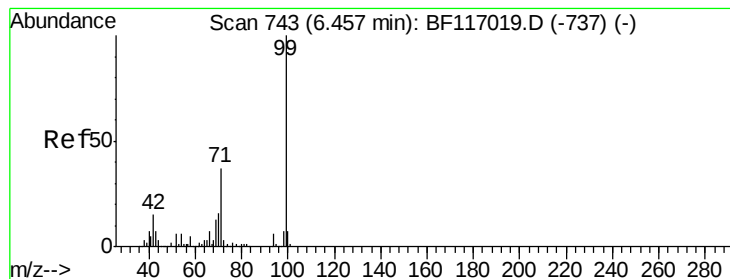
2-Fluorophenol
Concen: 116.566 ng
RT: 5.45 min Scan# 572
Delta R.T. 0.01 min
Lab File: BF117150.D
Acq: 18 Sep 2019 17:48

Tgt Ion:112 Resp: 456844
Ion Ratio Lower Upper
112 100
64 58.3 45.7 68.5
63 31.3 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: 109.552 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF117150.D

Acq: 18 Sep 2019 17:48

Instrument :

BNA_F

ClientSampleId :

PL-02-091619

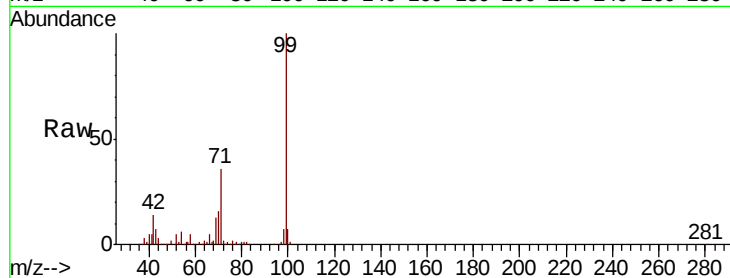
Tot Ion: 99 Resp: 554877

Ion Ratio Lower Upper

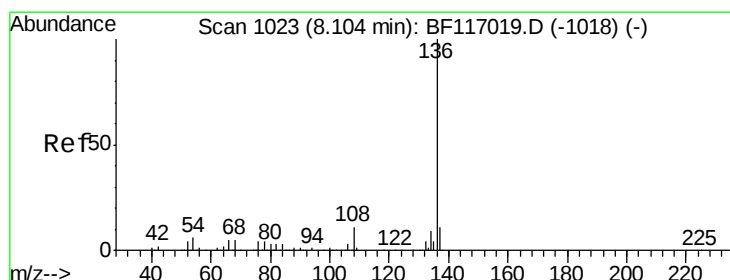
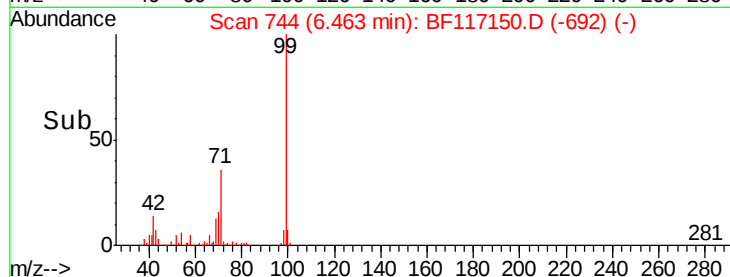
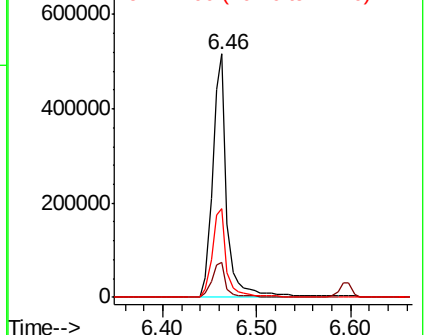
99 100

42 14.4 12.2 18.2

71 36.3 29.8 44.8



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: 8.10 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BF117150.D

Acq: 18 Sep 2019 17:48

Tgt Ion: 136 Resp: 236880

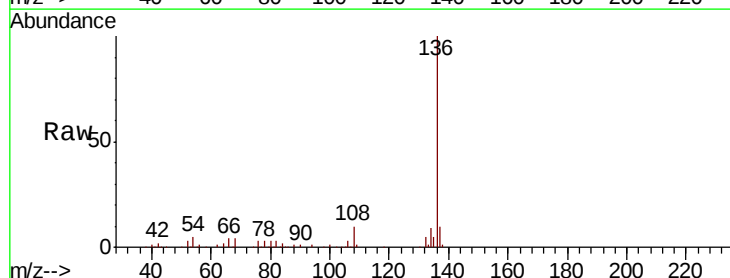
Ion Ratio Lower Upper

136 100

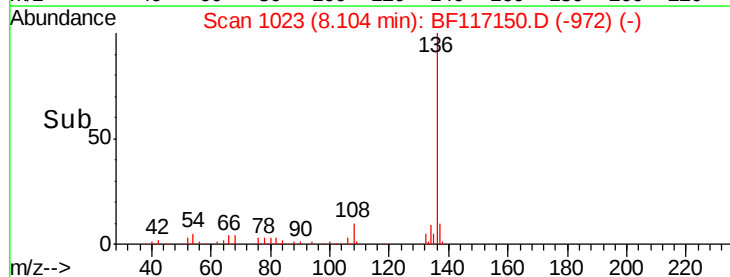
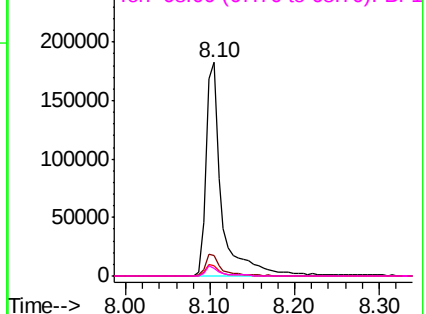
137 9.8 9.0 13.4

54 4.9 4.5 6.7

68 3.6 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

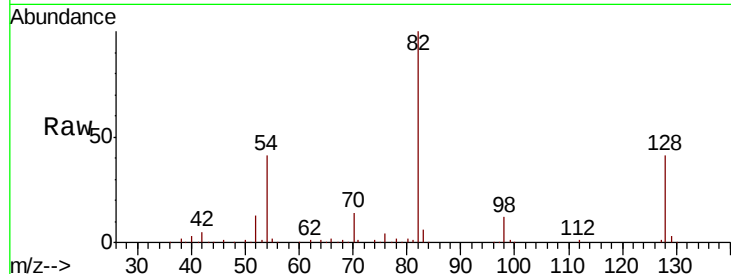




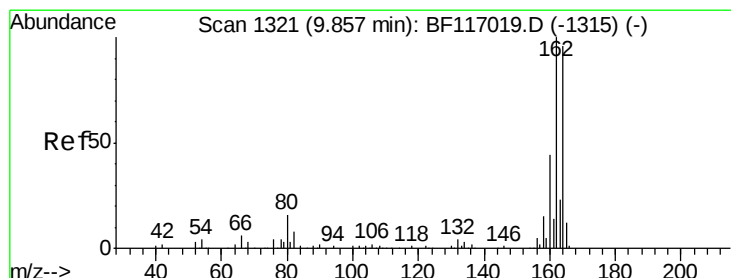
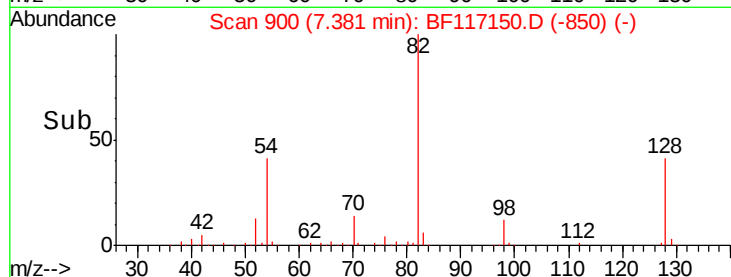
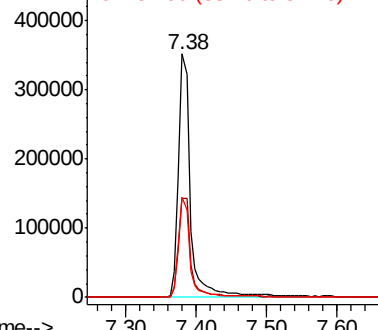
#23
 Nitrobenzene-d5
 Concen: 93.702 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BF117150.D
 Acq: 18 Sep 2019 17:48

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-091619

Tot Ion: 82 Resp: 422441
 Ion Ratio Lower Upper
 82 100
 128 40.8 32.3 48.5
 54 41.4 33.3 49.9

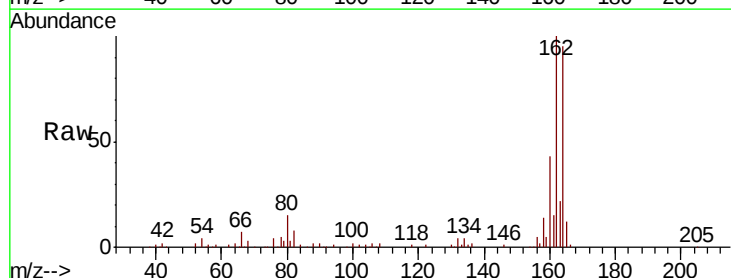


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

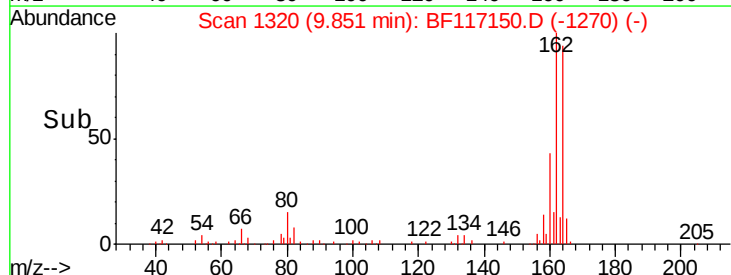
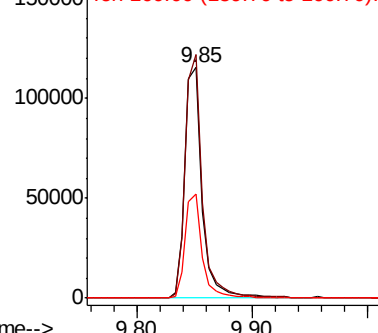


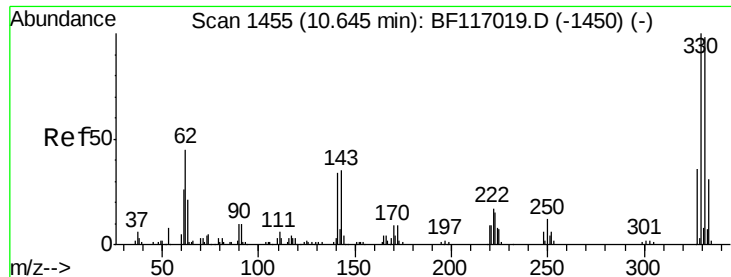
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BF117150.D
 Acq: 18 Sep 2019 17:48

Tgt Ion: 164 Resp: 120820
 Ion Ratio Lower Upper
 164 100
 162 105.7 83.4 125.2
 160 45.2 36.4 54.6



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

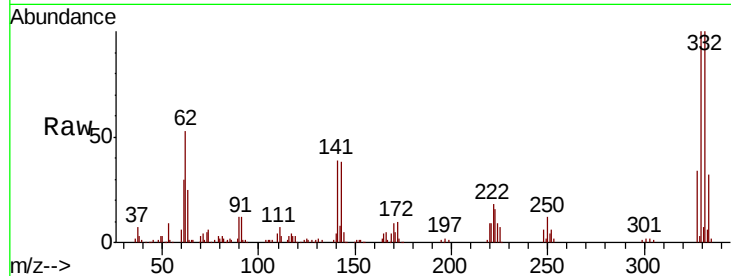




#42
 2,4,6-Tribromophenol
 Concen: 149.325 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF117150.D
 Acq: 18 Sep 2019 17:48

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-091619

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	78.0	117.0
141	44.1	35.8	53.6

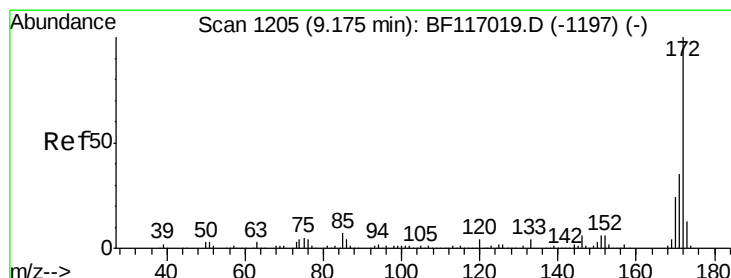
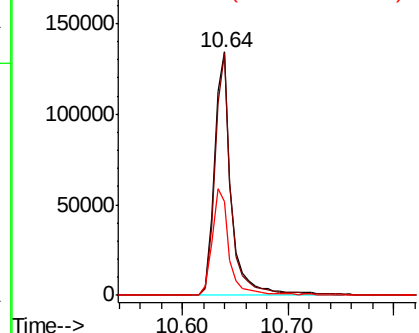
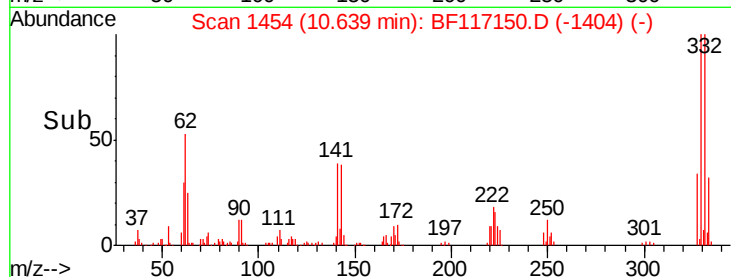


Abundance

Ion 329.80 (329.50 to 330.50): E

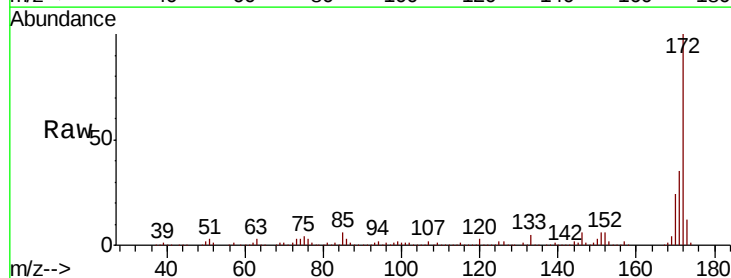
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 94.413 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF117150.D
 Acq: 18 Sep 2019 17:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.2	42.2
170	23.7	18.9	28.3

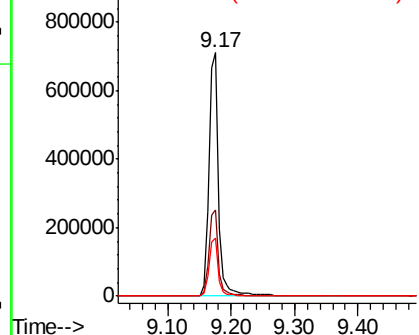
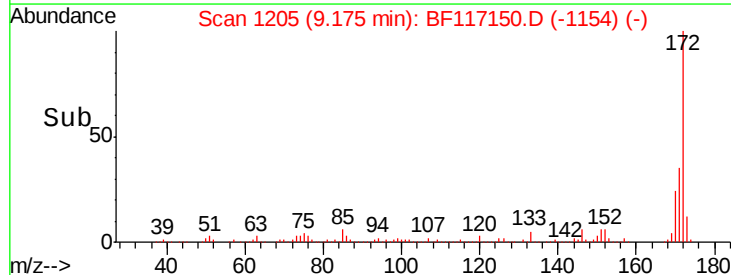


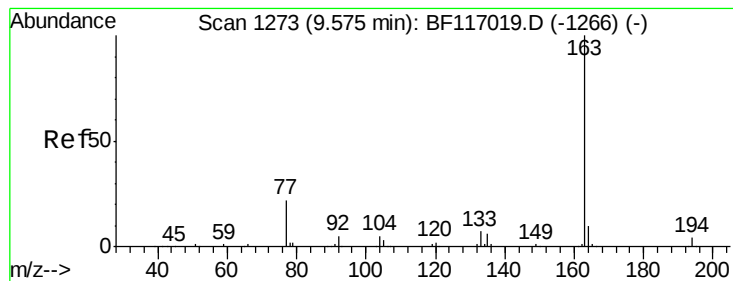
Abundance

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: 5.099 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BF117150.D

Acq: 18 Sep 2019 17:48

Instrument :

BNA_F

ClientSampleId :

PL-02-091619

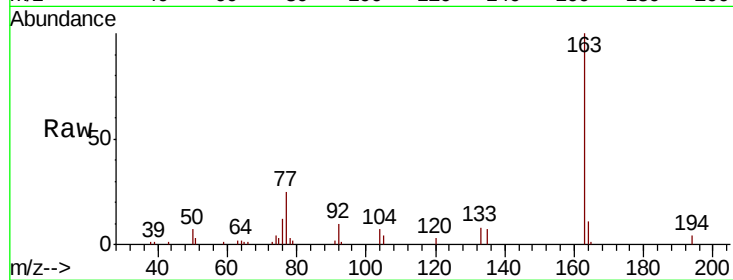
Tot Ion:163 Resp: 43617

Ion Ratio Lower Upper

163 100

194 3.8 2.9 4.3

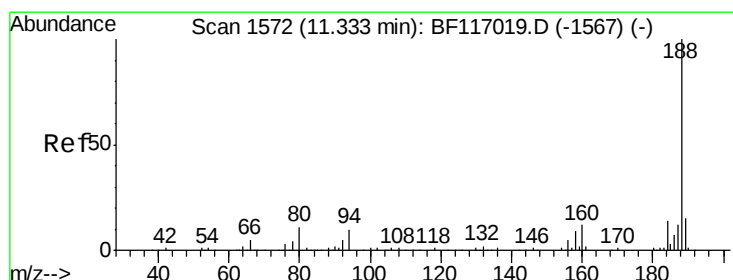
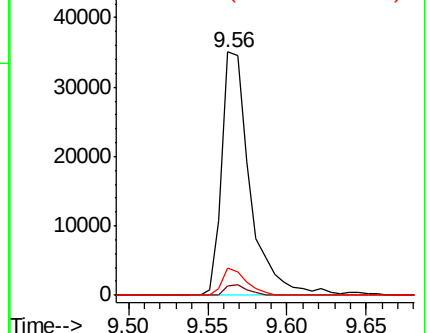
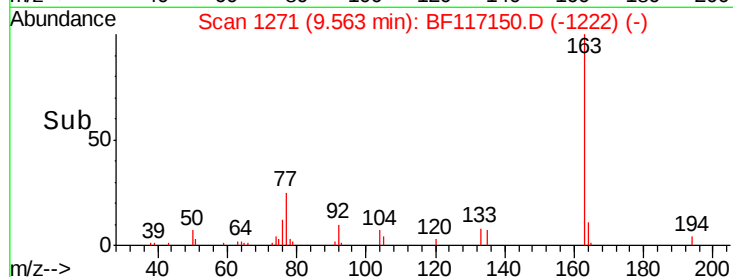
164 11.0 8.2 12.4



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: 11.33 min Scan# 1572

Delta R.T. 0.00 min

Lab File: BF117150.D

Acq: 18 Sep 2019 17:48

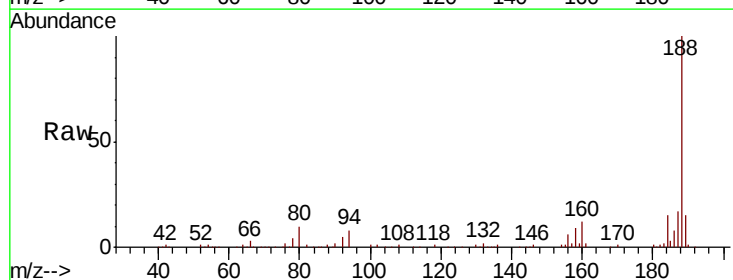
Tgt Ion:188 Resp: 201740

Ion Ratio Lower Upper

188 100

94 8.3 8.2 12.2

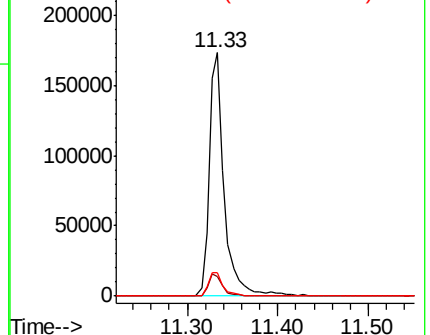
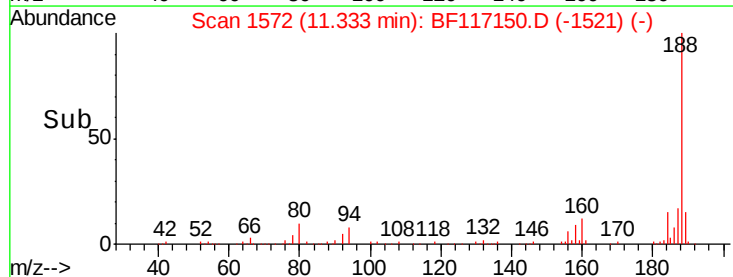
80 9.6 9.0 13.6

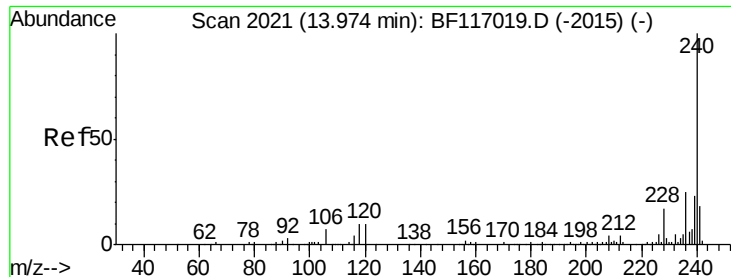


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

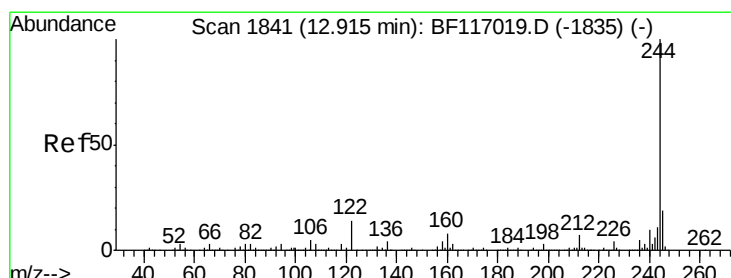
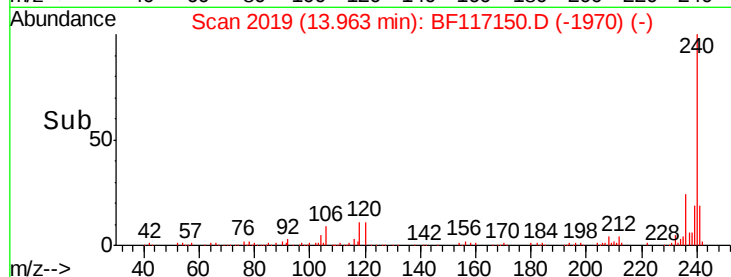
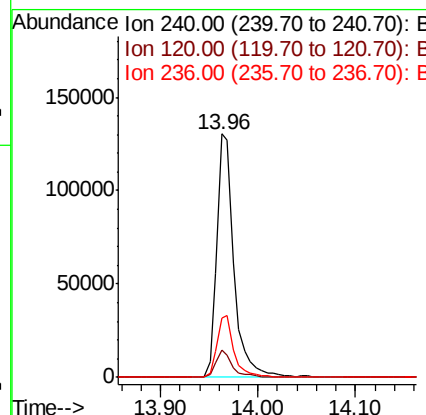
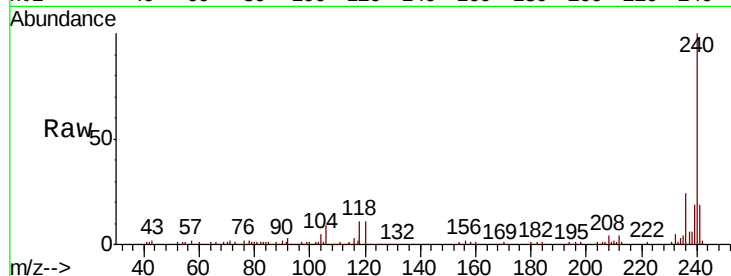




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF117150.D
Acq: 18 Sep 2019 17:48

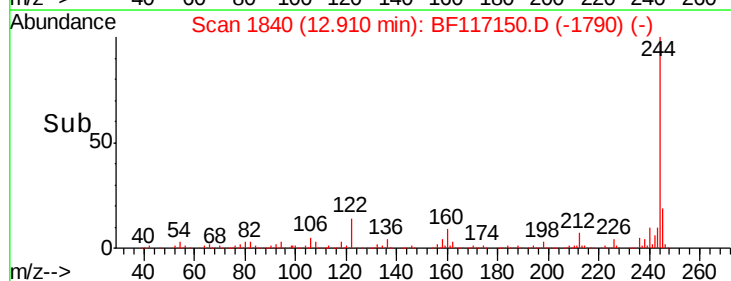
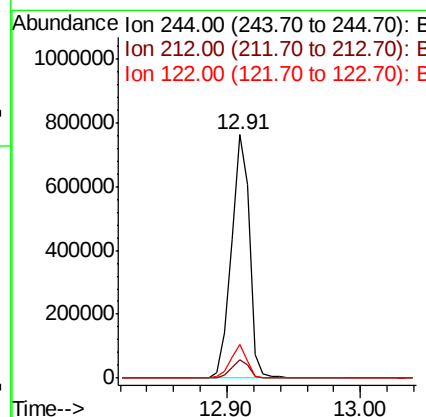
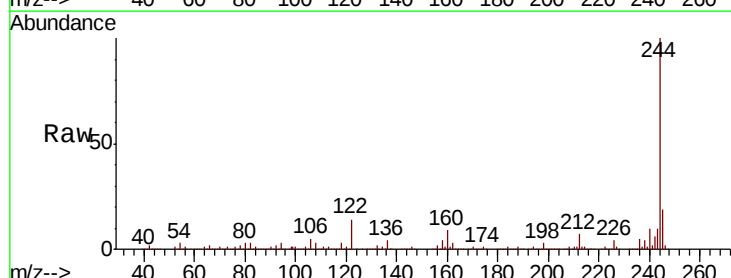
Instrument :
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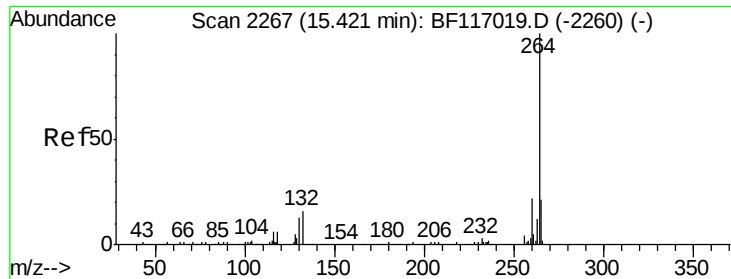
Tot Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.3	12.5
236	24.3	20.3	30.5



#79
Terphenyl-d14
Concen: 85.775 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BF117150.D
Acq: 18 Sep 2019 17:48

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.8
122	13.7	11.3	16.9

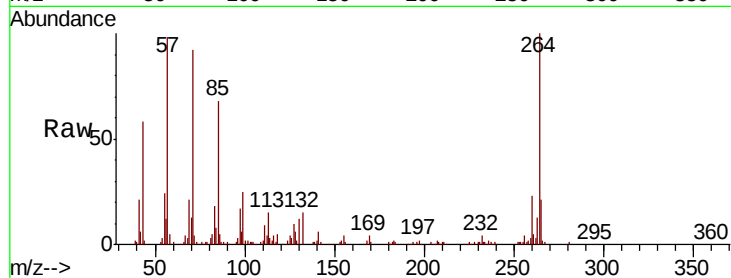




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2266
 Delta R.T. -0.01 min
 Lab File: BF117150.D
 Acq: 18 Sep 2019 17:48

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-091619

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	23.0	17.6	26.4	
265	21.2	16.6	24.8	



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

