

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071119\
 Data File : BF115504.D
 Acq On : 11 Jul 2019 19:48
 Operator : HP/JU
 Sample : K3746-08
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TRENCH-B

Quant Time: Jul 12 05:16:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 10 16:47:05 2019
 Response via : Initial Calibration

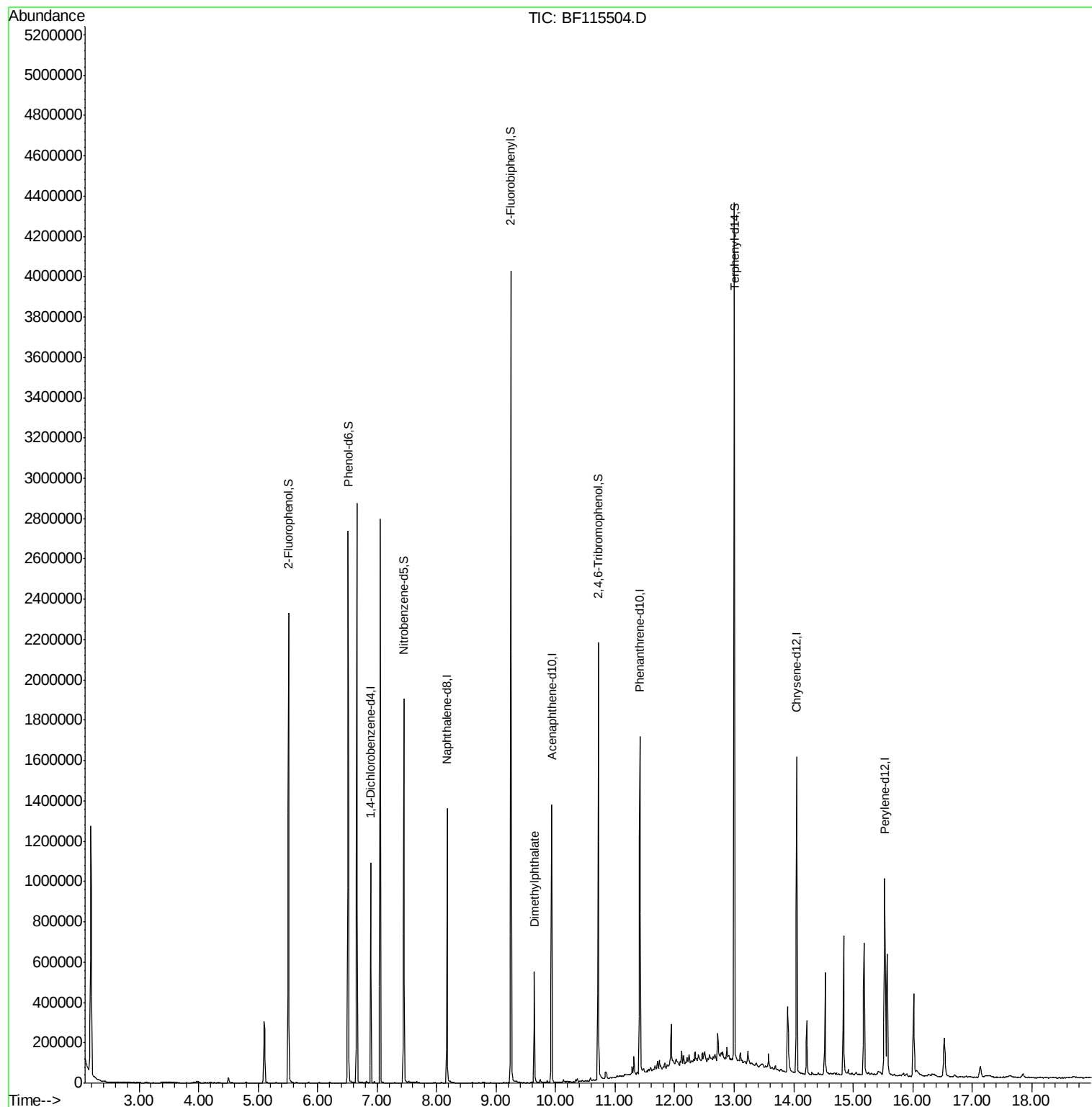
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	146335	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	571601	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	290446	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	580253	20.00	ng	0.00
76) Chrysene-d12	14.05	240	494172	20.00	ng	-0.02
87) Perylene-d12	15.53	264	490087	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	698290	73.73	ng	0.00
7) Phenol-d6	6.52	99	984397	81.72	ng	0.00
23) Nitrobenzene-d5	7.45	82	630773	65.20	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	275515	85.79	ng	-0.01
45) 2-Fluorobiphenyl	9.25	172	1203688	72.72	ng	0.00
79) Terphenyl-d14	13.00	244	1476468	61.17	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.64	163	219542	10.071	ng	Qvalue 99

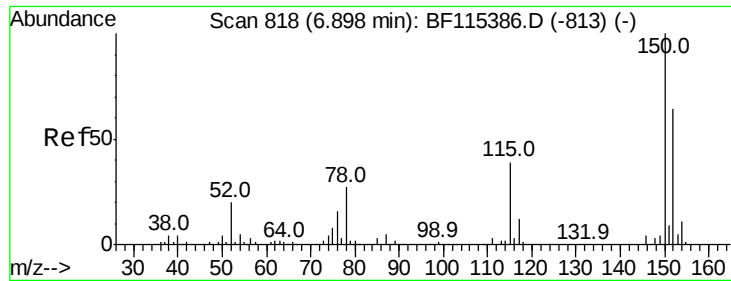
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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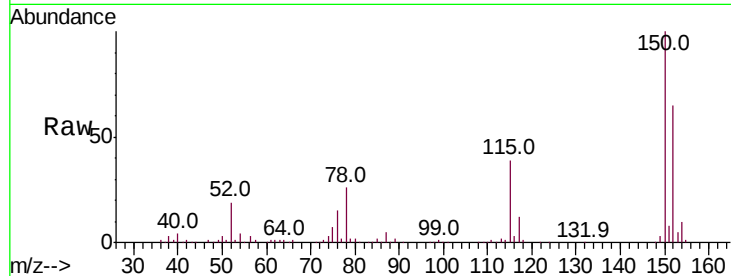


#1

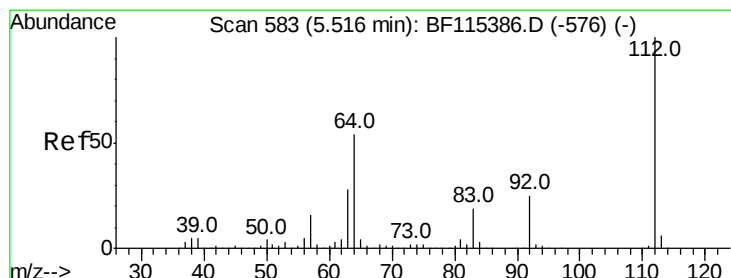
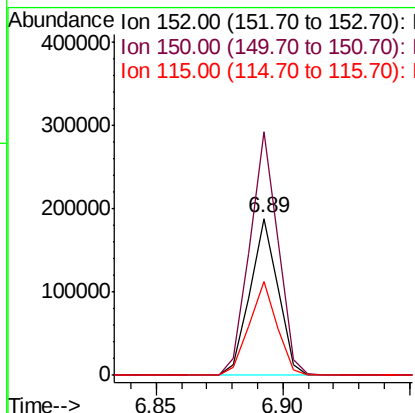
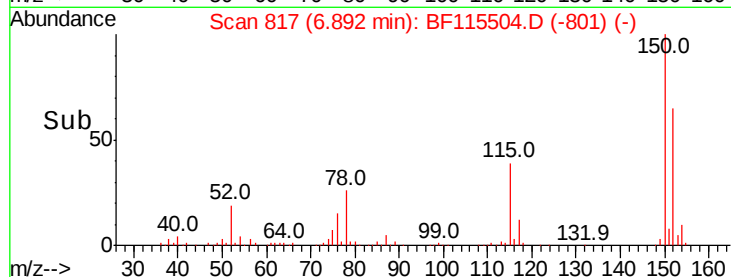
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF115504.D
 Acq: 11 Jul 2019 19:48

Instrument :
 BNA_F
 ClientSampleId :
 TRENCH-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	127.4	191.2
115	59.9	46.2	69.4



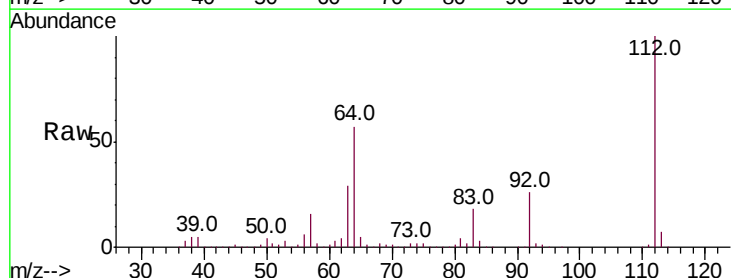
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



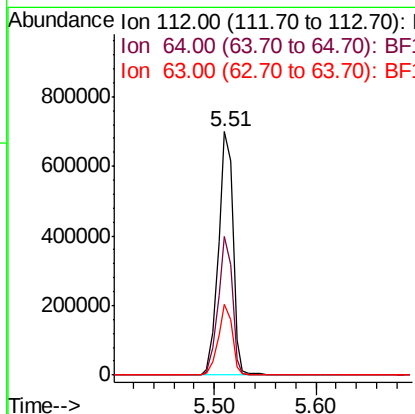
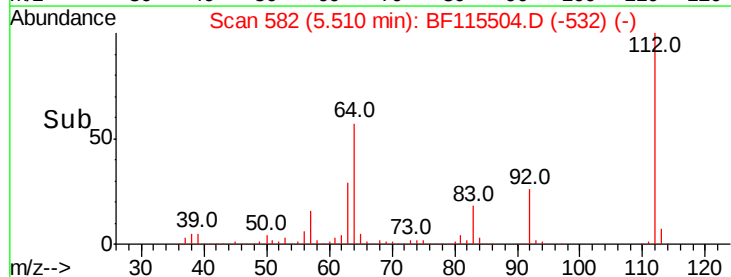
#5

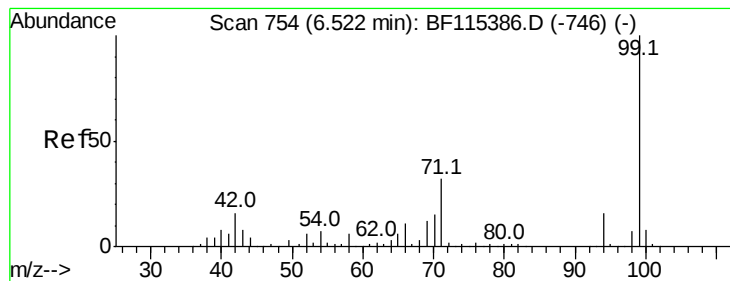
2-Fluorophenol
 Concen: 73.727 ng
 RT: 5.51 min Scan# 582
 Delta R.T. -0.01 min
 Lab File: BF115504.D
 Acq: 11 Jul 2019 19:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.9	44.2	66.2
63	28.8	22.1	33.1



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: 81.723 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF115504.D

Acq: 11 Jul 2019 19:48

Instrument :

BNA_F

ClientSampleId :

TRENCH-B

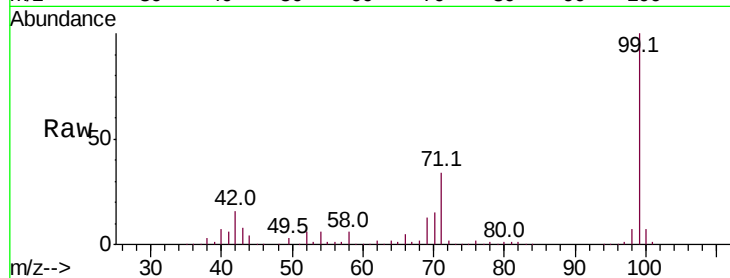
Tot Ion: 99 Resp: 984397

Ion Ratio Lower Upper

99 100

42 15.8 12.8 19.2

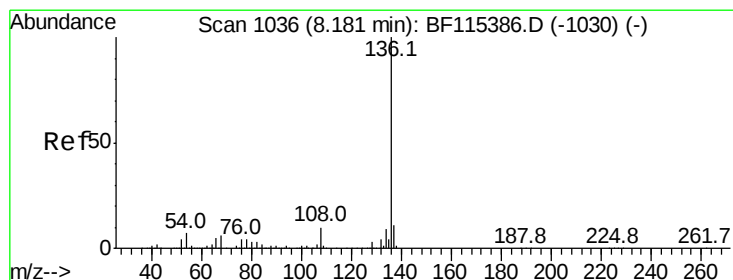
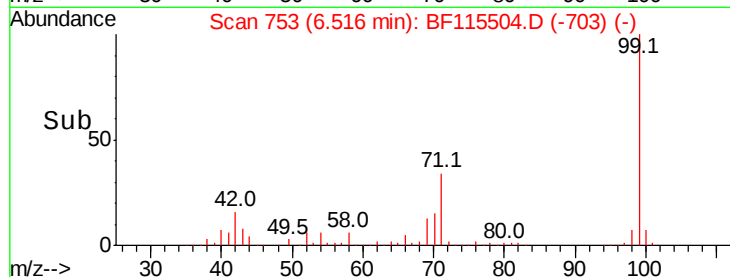
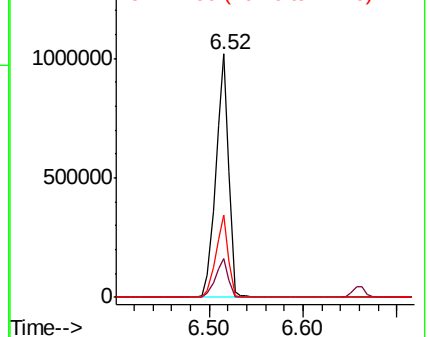
71 33.8 26.5 39.7



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: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF115504.D

Acq: 11 Jul 2019 19:48

Tgt Ion: 136 Resp: 571601

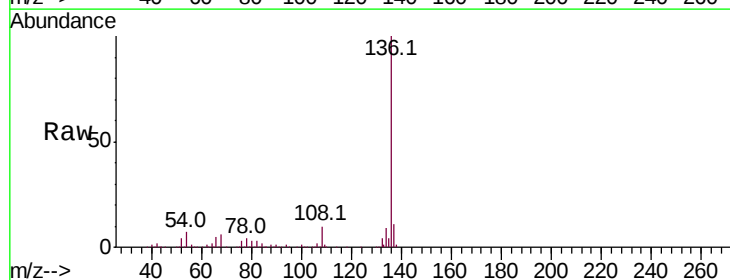
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 6.7 5.4 8.0

68 6.4 4.8 7.2

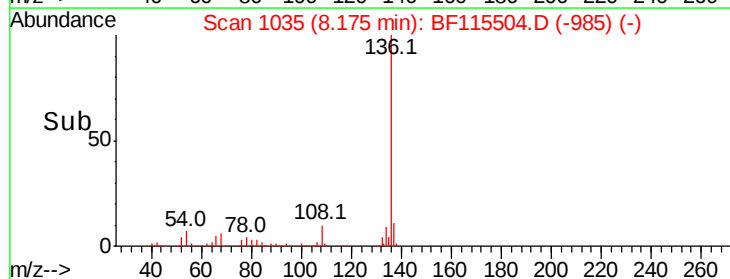
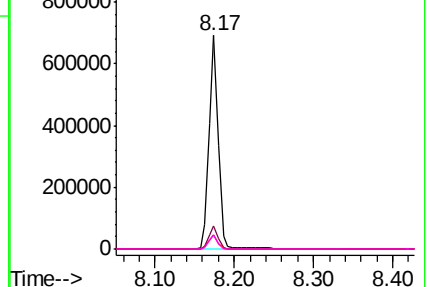


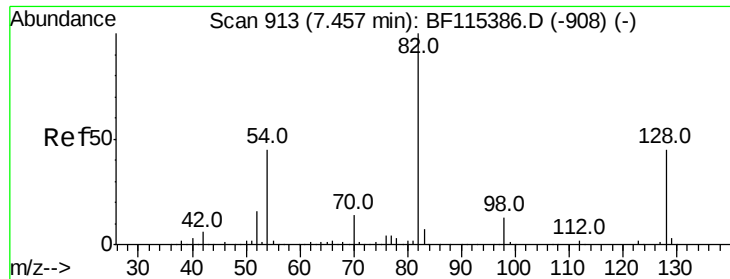
Abundance Ion 136.00 (135.70 to 136.70): E

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

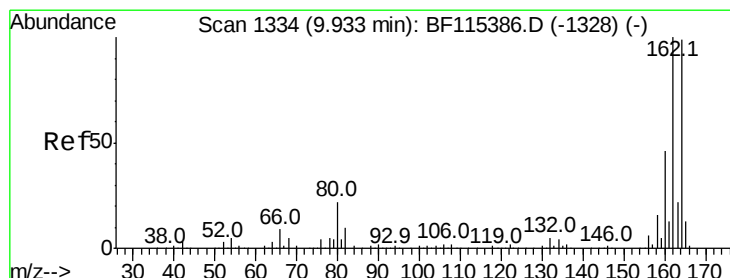
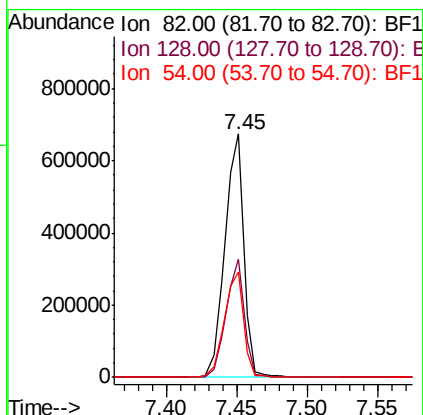
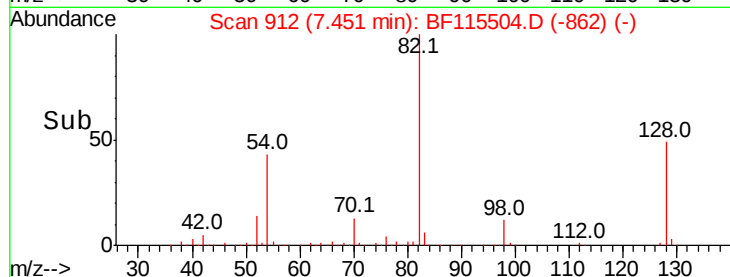
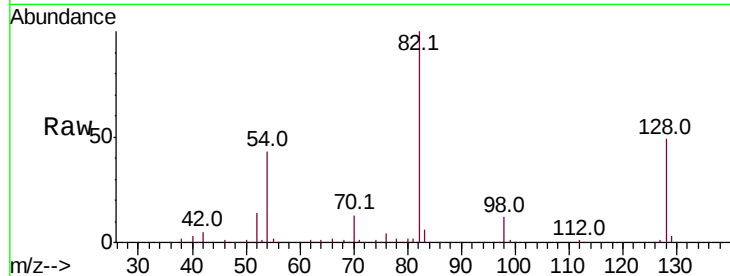




#23
 Nitrobenzene-d5
 Concen: 65.200 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF115504.D
 Acq: 11 Jul 2019 19:48

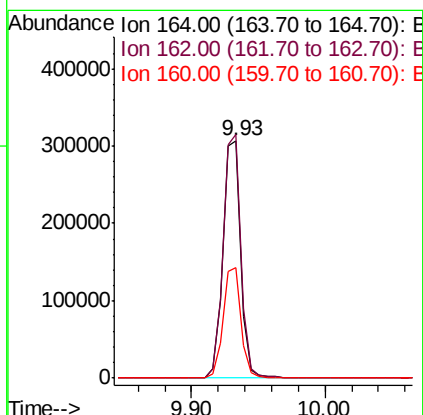
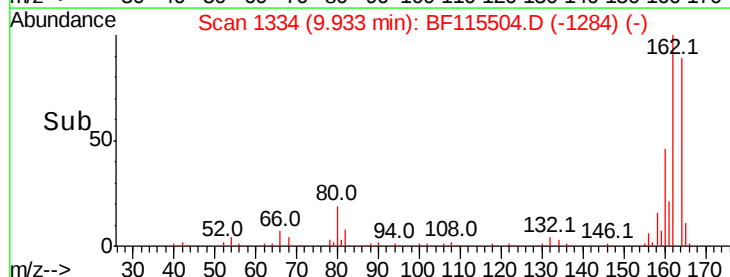
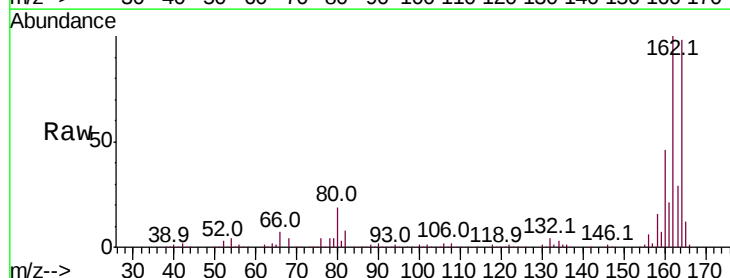
Instrument :
 BNA_F
 ClientSampleId :
 TRENCH-B

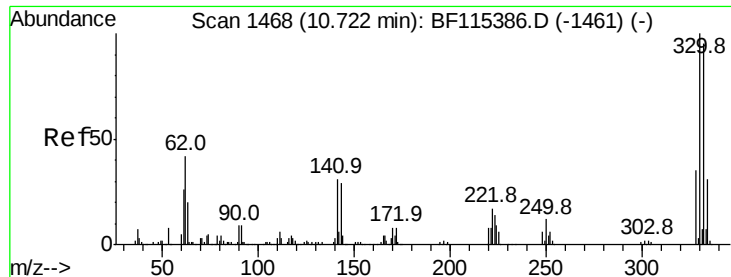
Tot Ion: 82 Resp: 630773
 Ion Ratio Lower Upper
 82 100
 128 48.6 36.7 55.1
 54 43.3 35.6 53.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.01 min
 Lab File: BF115504.D
 Acq: 11 Jul 2019 19:48

Tgt Ion: 164 Resp: 290446
 Ion Ratio Lower Upper
 164 100
 162 102.4 82.3 123.5
 160 46.7 37.2 55.8

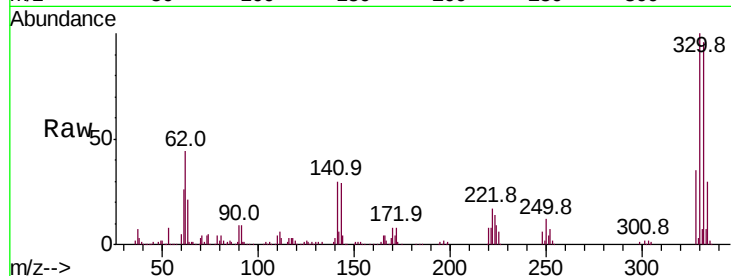




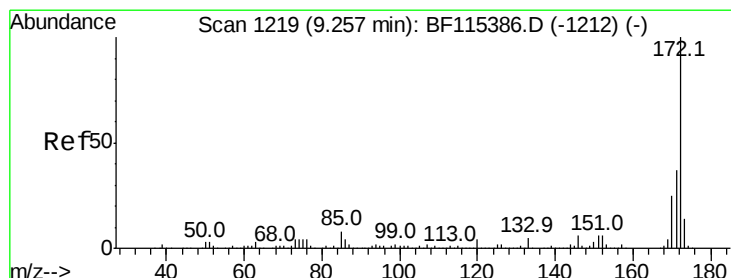
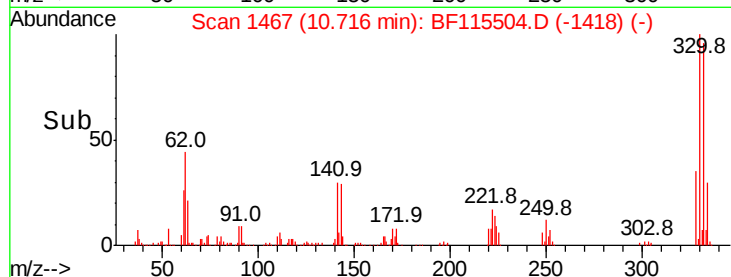
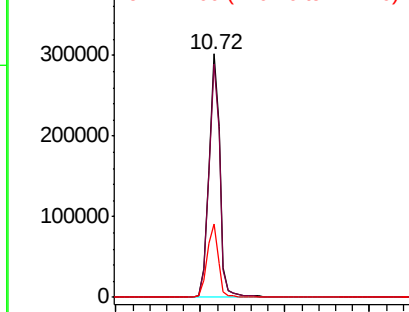
#42
 2,4,6-Tribromophenol
 Concen: 85.794 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF115504.D
 Acq: 11 Jul 2019 19:48

Instrument :
 BNA_F
 ClientSampleId :
 TRENCH-B

Tot Ion:330 Resp: 275515
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.4 116.0
 141 31.0 24.7 37.1

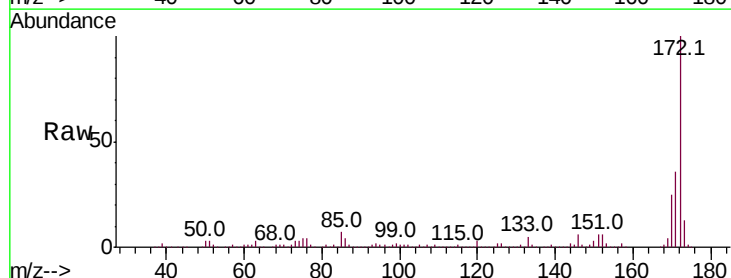


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

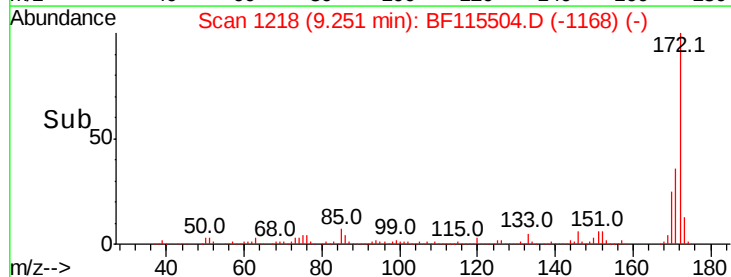
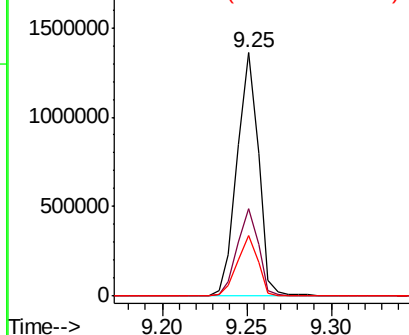


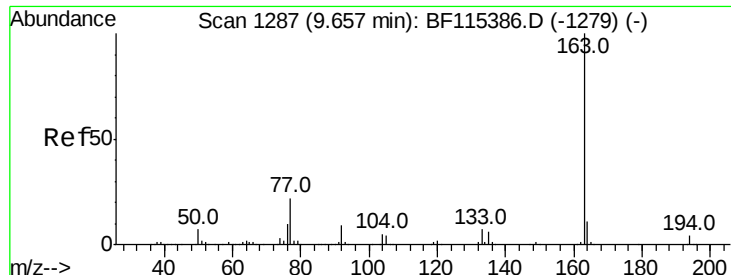
#45
 2-Fluorobiphenyl
 Concen: 72.722 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF115504.D
 Acq: 11 Jul 2019 19:48

Tgt Ion:172 Resp: 1203688
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.8 44.8
 170 24.6 20.0 30.0



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

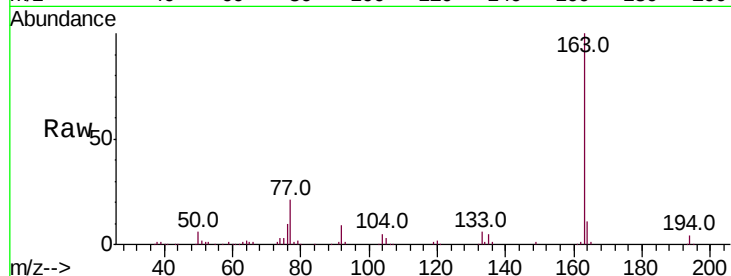




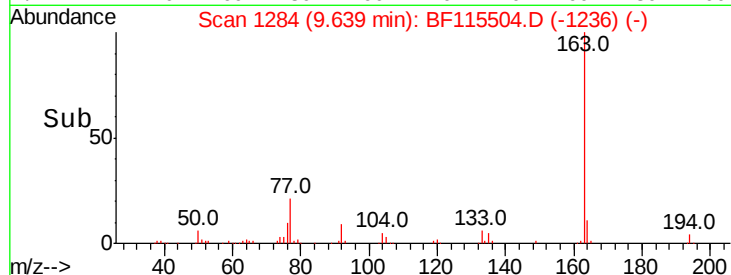
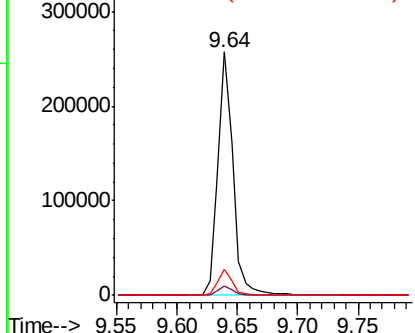
#50
Dimethylphthalate
Concen: 10.071 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF115504.D
Acq: 11 Jul 2019 19:48

Instrument :
BNA_F
ClientSampleId :
TRENCH-B

Tot Ion:163 Resp: 219542
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 10.5 8.6 13.0

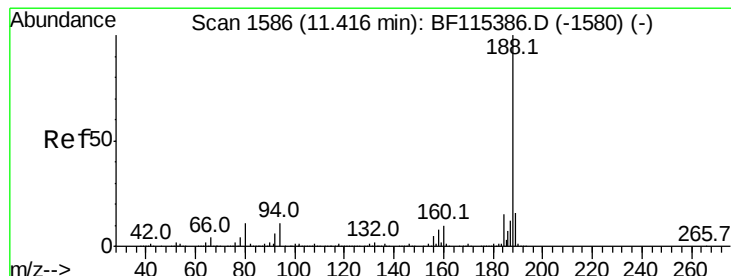


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

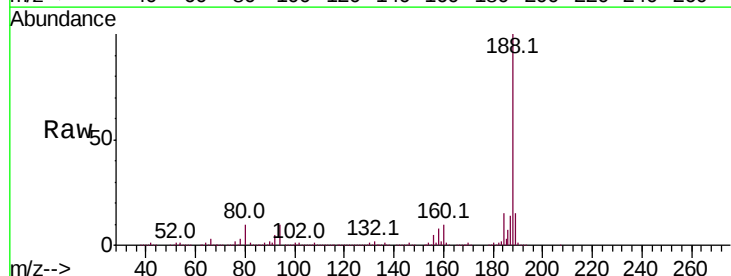
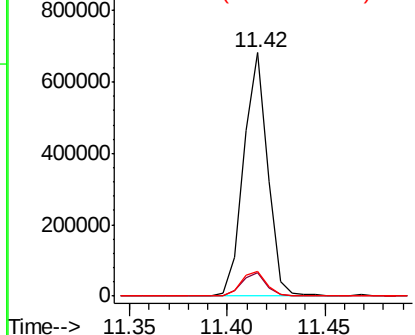


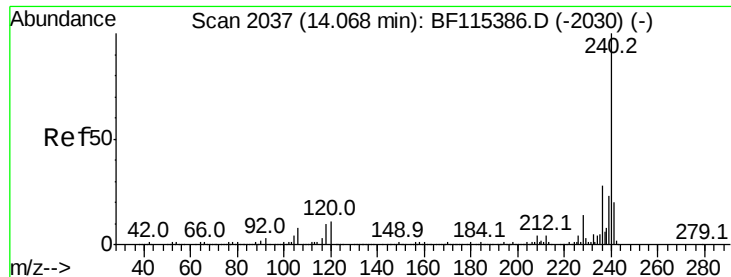
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.01 min
Lab File: BF115504.D
Acq: 11 Jul 2019 19:48

Tgt Ion:188 Resp: 580253
Ion Ratio Lower Upper
188 100
94 9.6 7.8 11.8
80 10.2 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: 14.05 min Scan# 2034

Delta R.T. -0.02 min

Lab File: BF115504.D

Acq: 11 Jul 2019 19:48

Instrument :

BNA_F

ClientSampleId :

TRENCH-B

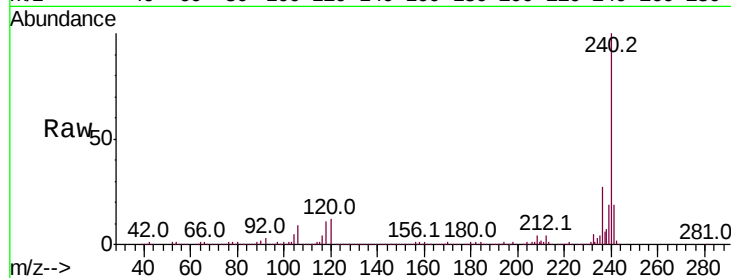
Tot Ion:240 Resp: 494172

Ion Ratio Lower Upper

240 100

120 12.1 10.2 15.4

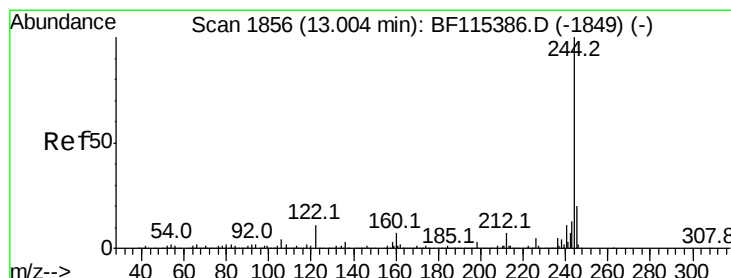
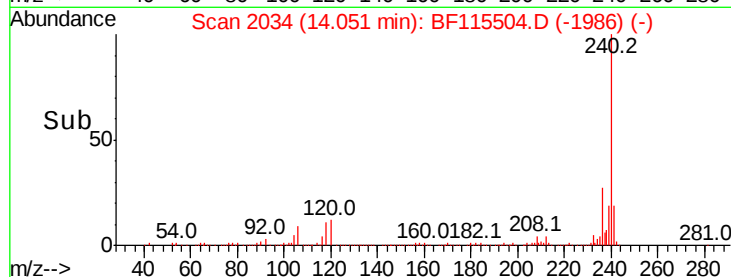
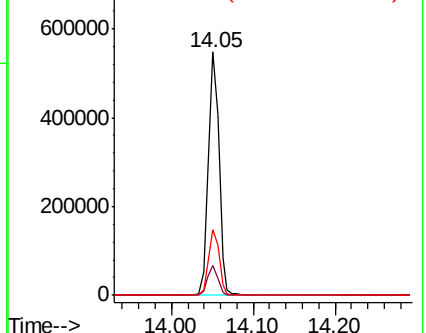
236 27.0 21.1 31.7



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: 61.175 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BF115504.D

Acq: 11 Jul 2019 19:48

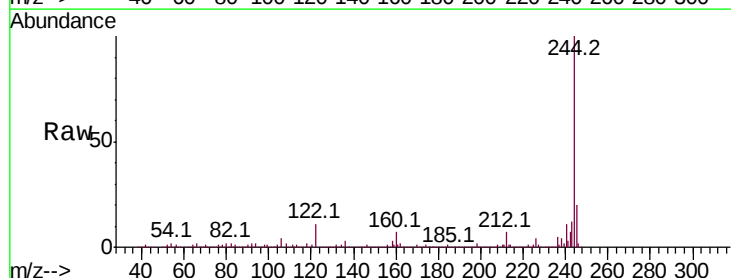
Tgt Ion:244 Resp: 1476468

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

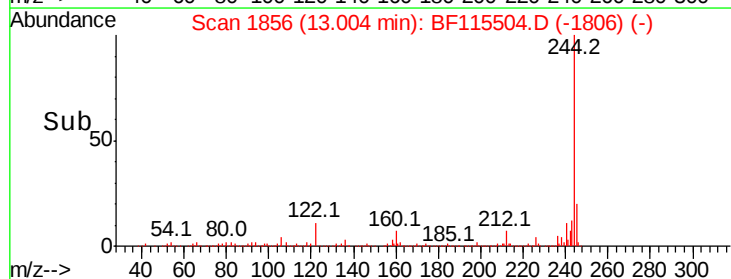
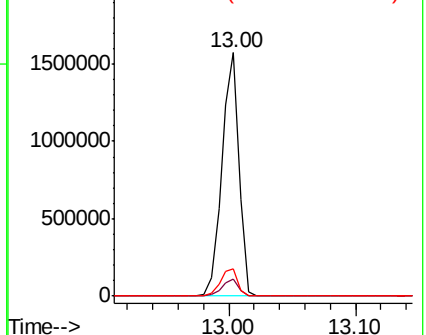
122 11.0 9.1 13.7

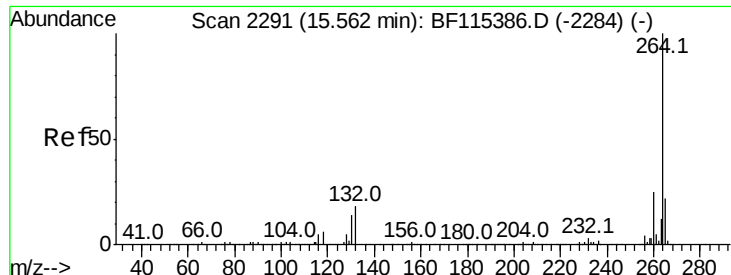


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.53 min Scan# 2286
 Delta R.T. -0.03 min
 Lab File: BF115504.D
 Acq: 11 Jul 2019 19:48

Instrument :
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 ClientSampleId :
 TRENCH-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	20.1	30.1
265	21.8	17.8	26.6

