

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071119\
 Data File : BF115503.D
 Acq On : 11 Jul 2019 19:21
 Operator : HP/JU
 Sample : K3746-06
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TRENCH-A

Quant Time: Jul 12 05:10:11 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

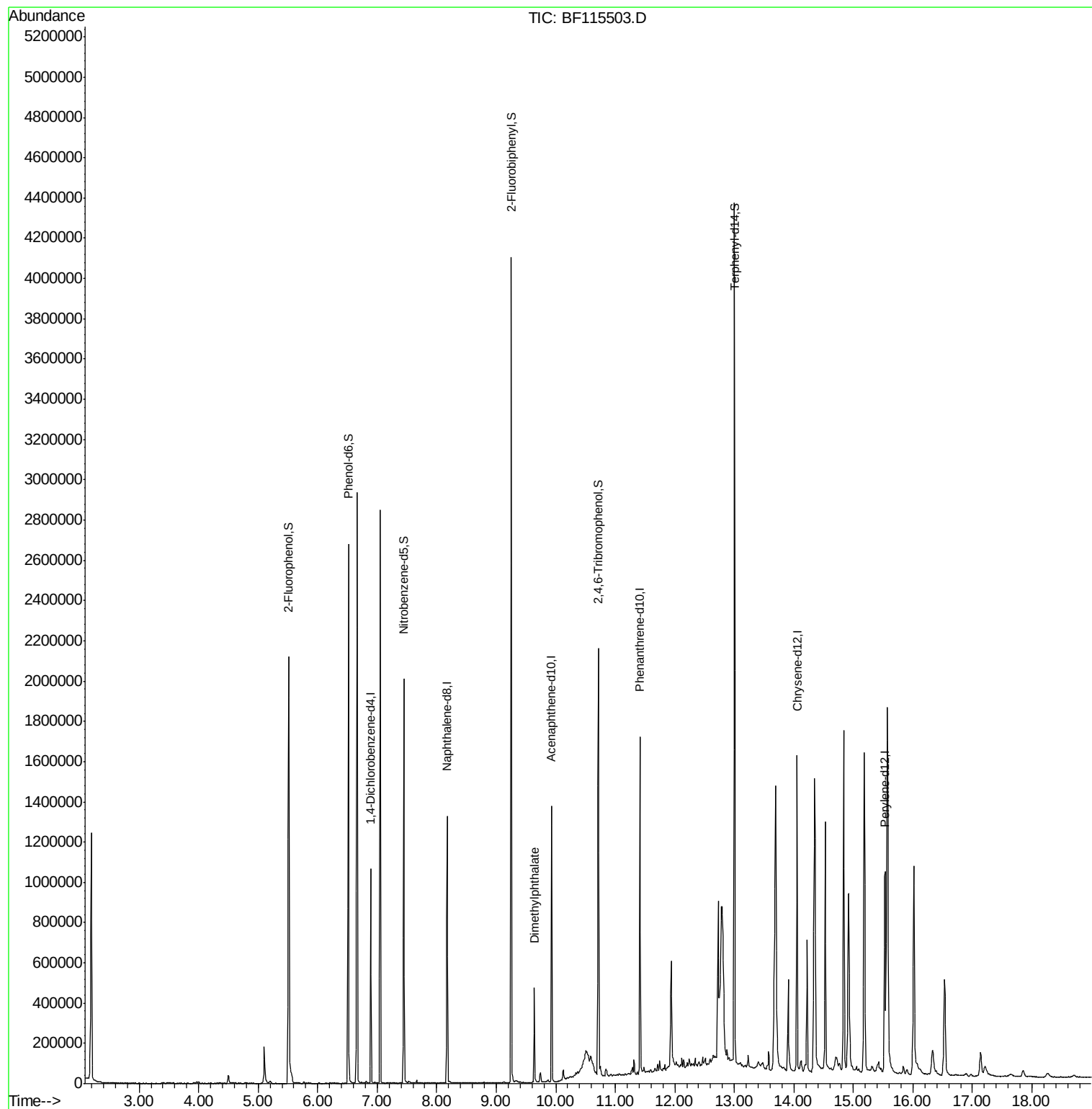
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	140239	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	557302	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	283383	20.00	ng	-0.01
64) Phenanthrene-d10	11.42	188	567748	20.00	ng	0.00
76) Chrysene-d12	14.05	240	480816	20.00	ng	-0.02
87) Perylene-d12	15.53	264	491035	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	733772	80.84	ng	0.00
7) Phenol-d6	6.52	99	1016276	88.04	ng	0.00
23) Nitrobenzene-d5	7.45	82	644153	68.29	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	264466	84.41	ng	-0.01
45) 2-Fluorobiphenyl	9.25	172	1228894	76.09	ng	0.00
79) Terphenyl-d14	13.00	244	1509769	64.29	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.64	163	178431	8.389	ng	Qvalue 98

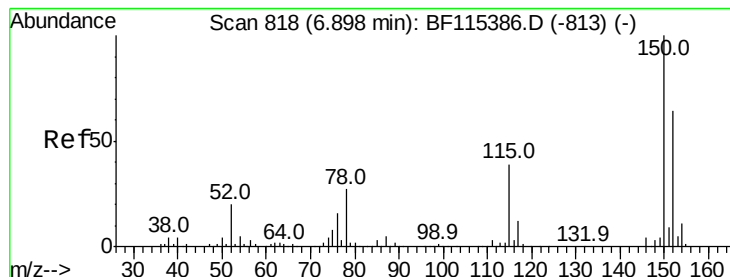
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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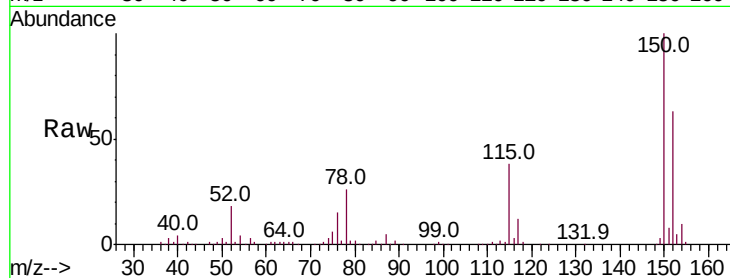


#1

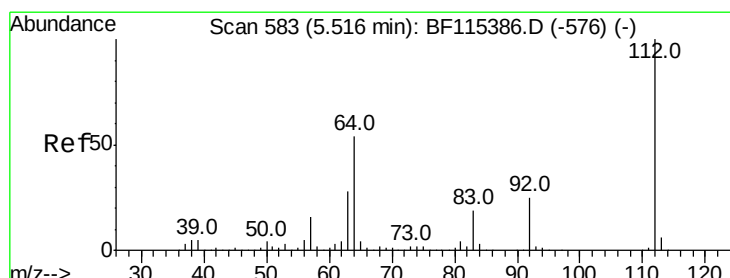
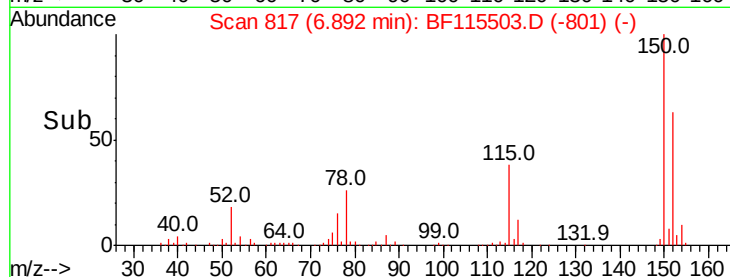
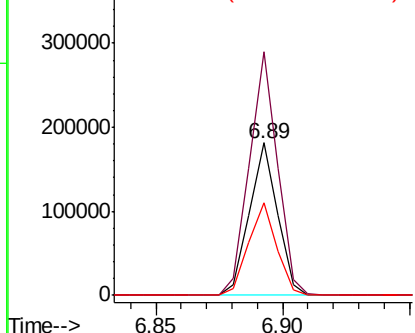
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF115503.D
Acq: 11 Jul 2019 19:21

Instrument :
BNA_F
ClientSampleId :
TRENCH-A

Tot Ion:152 Resp: 140239
Ion Ratio Lower Upper
152 100
150 159.5 127.4 191.2
115 60.7 46.2 69.4



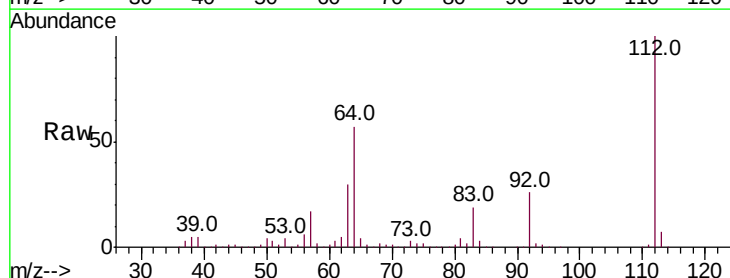
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



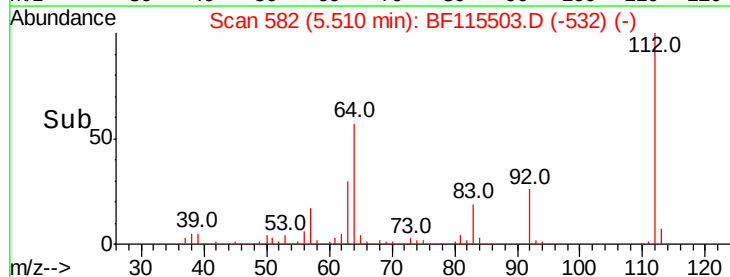
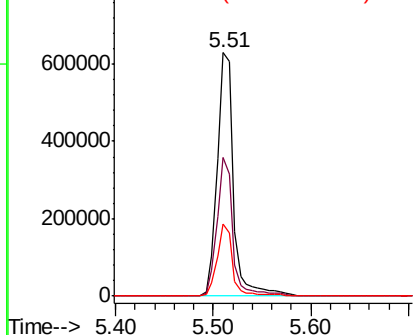
#5

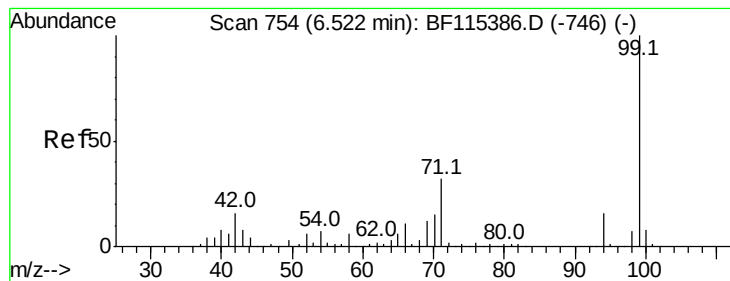
2-Fluorophenol
Concen: 80.841 ng
RT: 5.51 min Scan# 582
Delta R.T. -0.01 min
Lab File: BF115503.D
Acq: 11 Jul 2019 19:21

Tgt Ion:112 Resp: 733772
Ion Ratio Lower Upper
112 100
64 56.9 44.2 66.2
63 29.5 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: 88.037 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF115503.D

Acq: 11 Jul 2019 19:21

Instrument :

BNA_F

ClientSampleId :

TRENCH-A

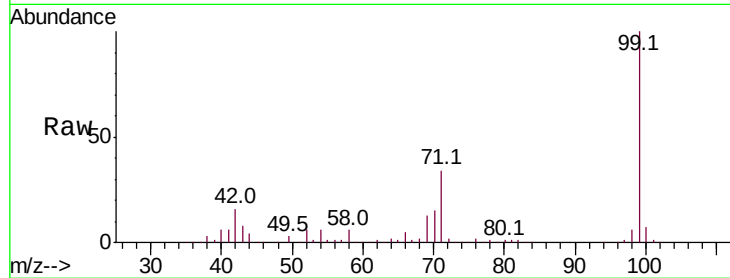
Tot Ion: 99 Resp: 1016276

Ion Ratio Lower Upper

99 100

42 16.0 12.8 19.2

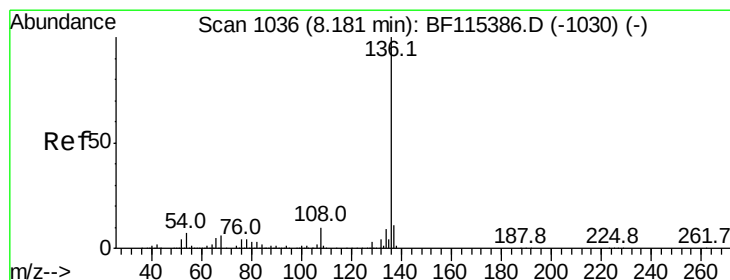
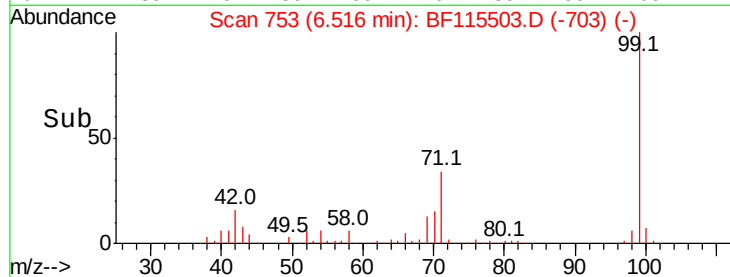
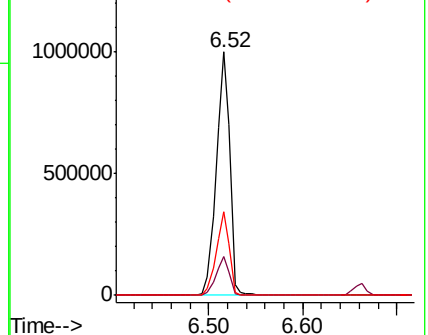
71 34.2 26.5 39.7



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: BF115503.D

Acq: 11 Jul 2019 19:21

Tgt Ion: 136 Resp: 557302

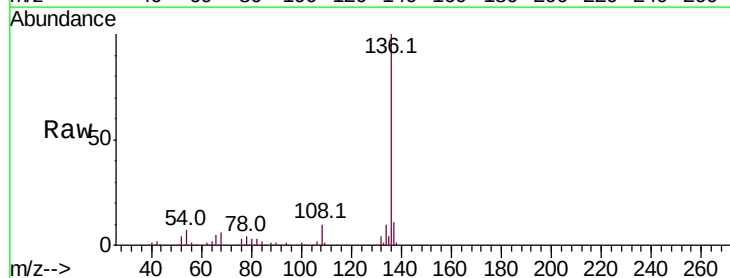
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 6.6 5.4 8.0

68 6.2 4.8 7.2

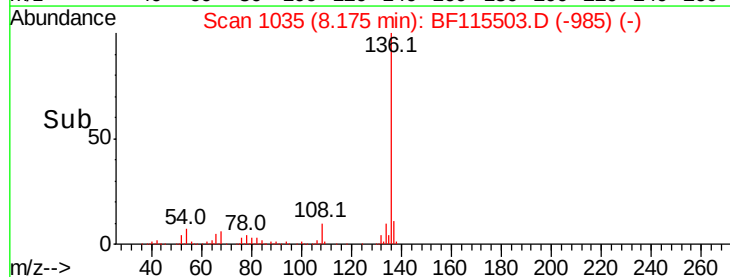
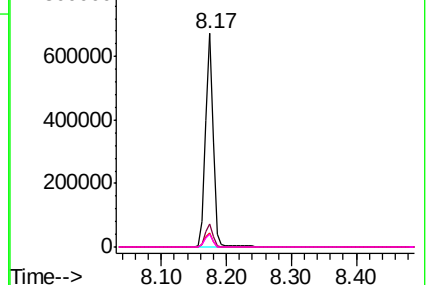


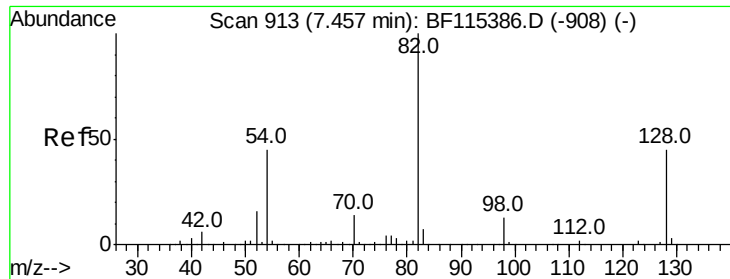
Abundance Ion 136.00 (135.70 to 136.70): E

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

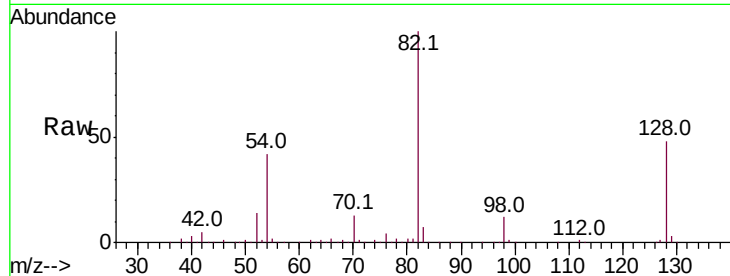




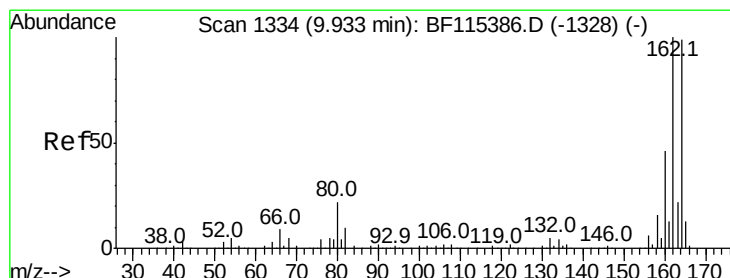
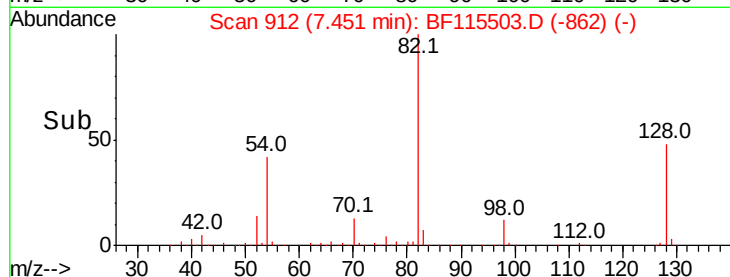
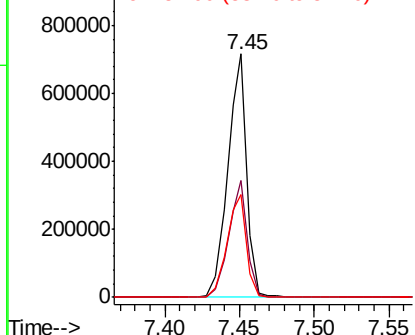
#23
 Nitrobenzene-d5
 Concen: 68.291 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF115503.D
 Acq: 11 Jul 2019 19:21

Instrument :
 BNA_F
 ClientSampled :
 TRENCH-A

Tot Ion	82	Resp	644153
Ion Ratio	Lower	Upper	
82	100		
128	48.1	36.7	55.1
54	42.2	35.6	53.4

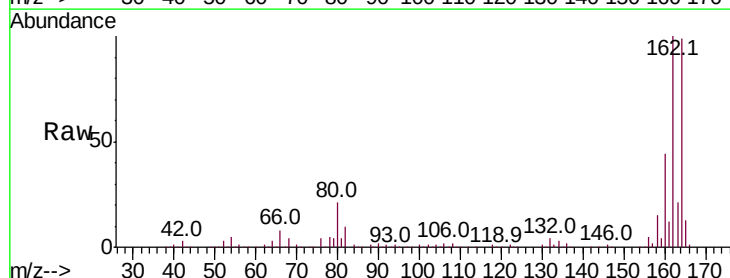


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

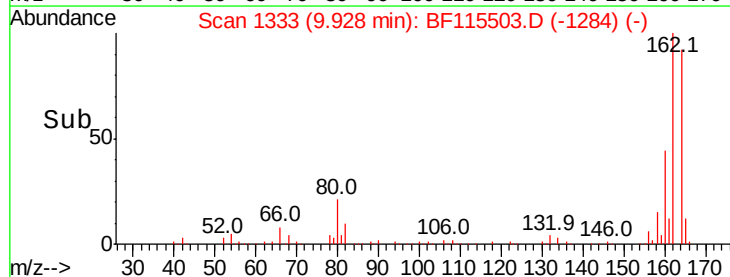
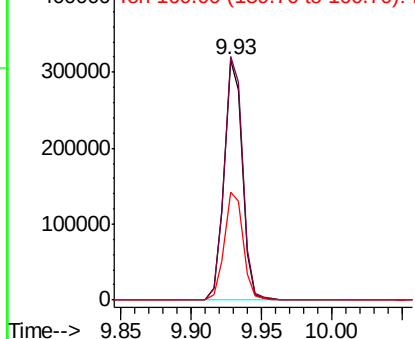


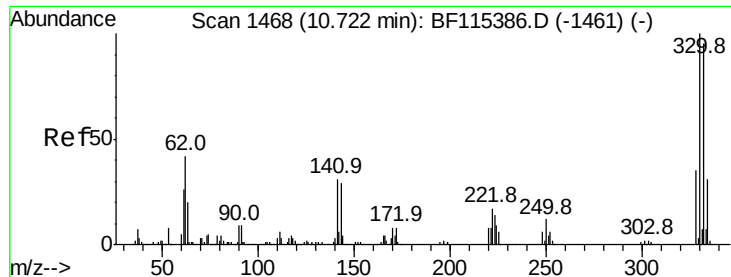
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BF115503.D
 Acq: 11 Jul 2019 19:21

Tgt Ion	164	Resp	283383
Ion Ratio	Lower	Upper	
164	100		
162	101.5	82.3	123.5
160	44.9	37.2	55.8



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

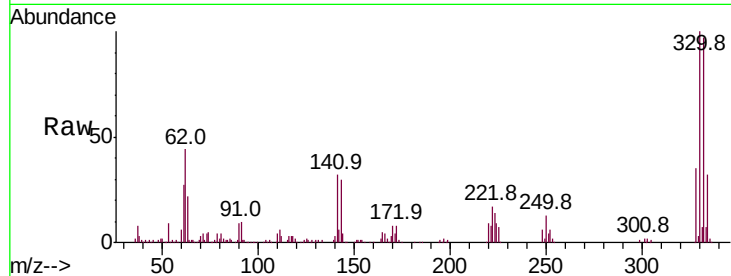




#42
 2,4,6-Tribromophenol
 Concen: 84.406 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF115503.D
 Acq: 11 Jul 2019 19:21

Instrument :
 BNA_F
 ClientSampleId :
 TRENCH-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.4	116.0
141	31.3	24.7	37.1

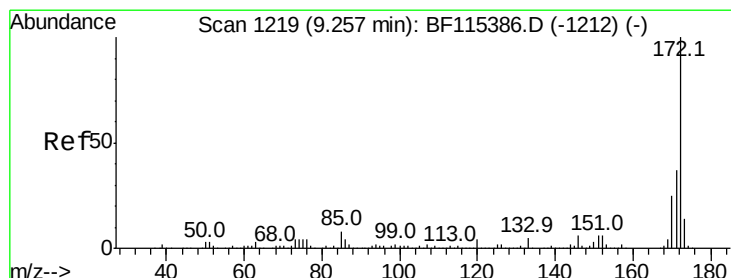
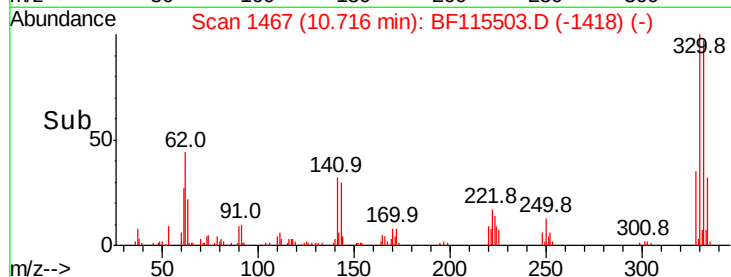
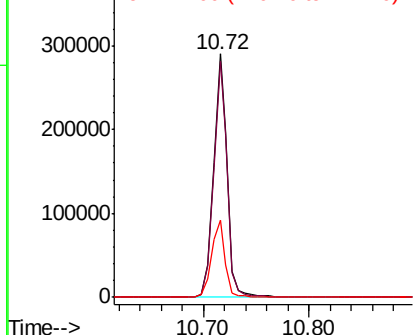


Abundance

Ion 329.80 (329.50 to 330.50): E

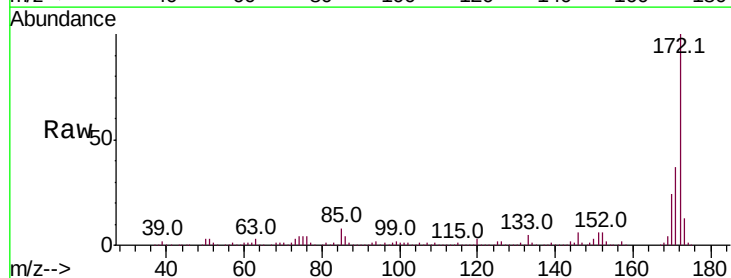
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 76.095 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF115503.D
 Acq: 11 Jul 2019 19:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.8	44.8
170	24.5	20.0	30.0

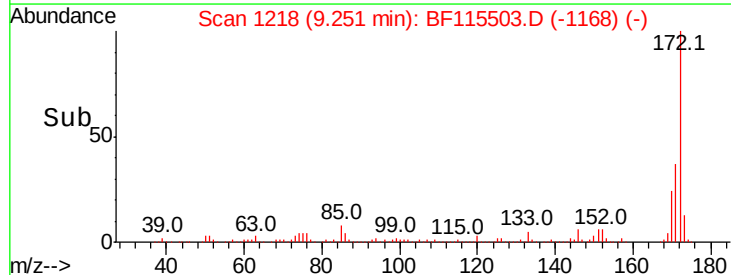
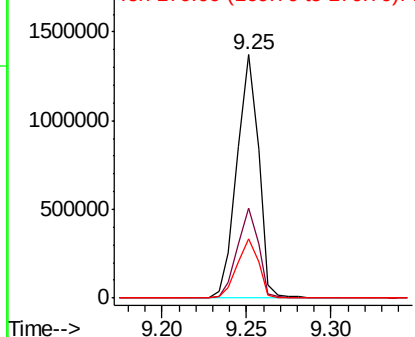


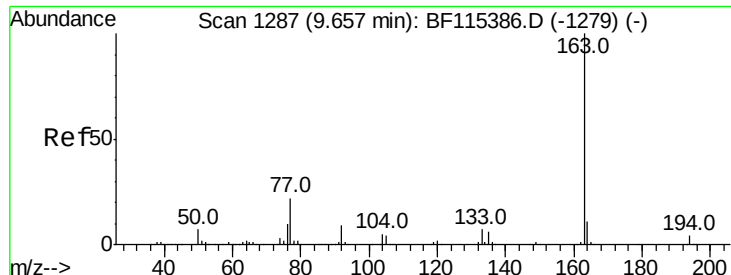
Abundance

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: 8.389 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.02 min

Lab File: BF115503.D

Acq: 11 Jul 2019 19:21

Instrument :

BNA_F

ClientSampleId :

TRENCH-A

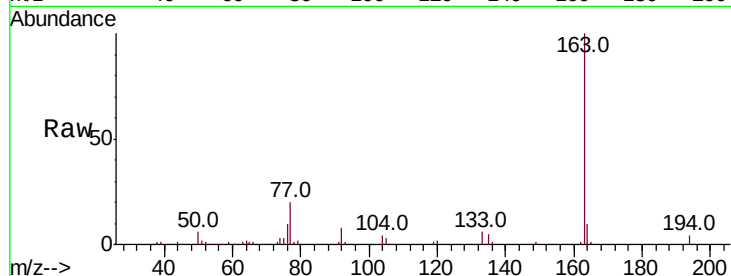
Tot Ion:163 Resp: 178431

Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

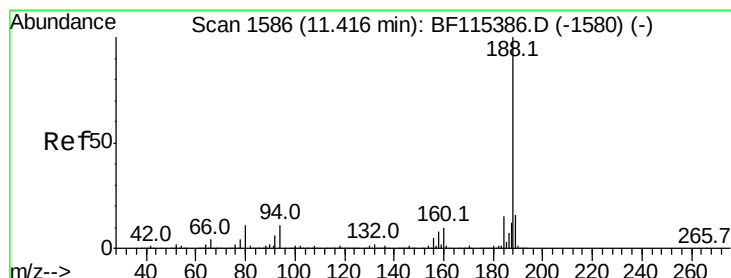
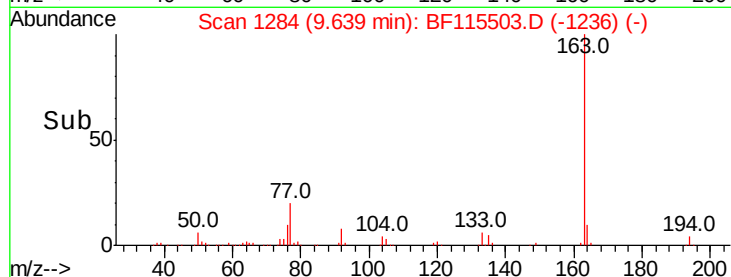
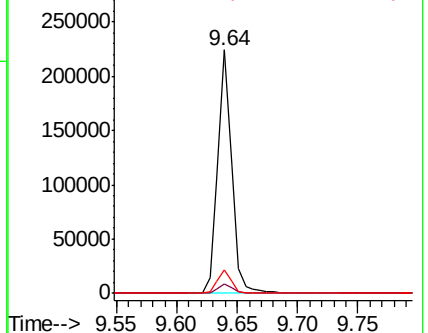
164 9.9 8.6 13.0



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: BF115503.D

Acq: 11 Jul 2019 19:21

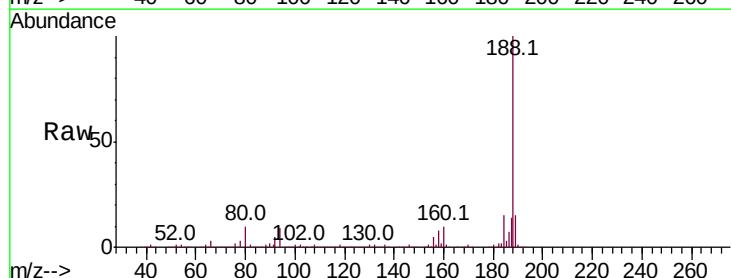
Tgt Ion:188 Resp: 567748

Ion Ratio Lower Upper

188 100

94 9.4 7.8 11.8

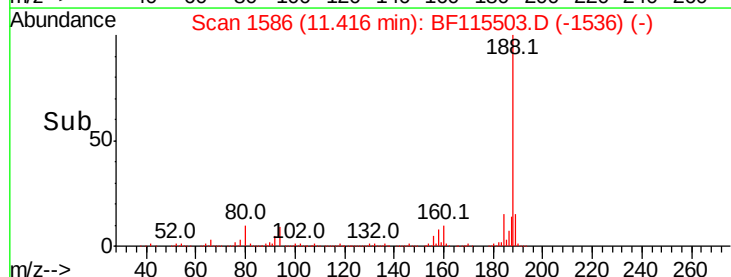
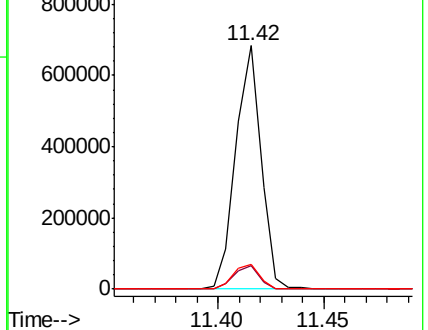
80 10.0 8.4 12.6

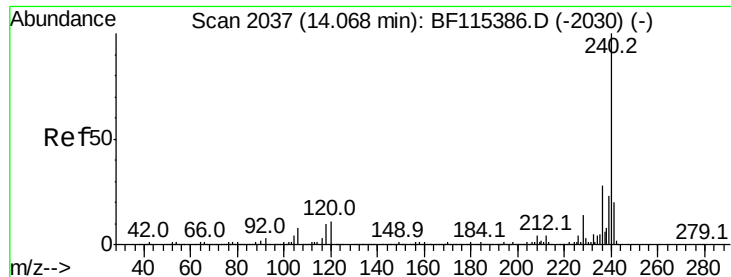


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.05 min Scan# 2034

Delta R.T. -0.02 min

Lab File: BF115503.D

Acq: 11 Jul 2019 19:21

Instrument :

BNA_F

ClientSampleId :

TRENCH-A

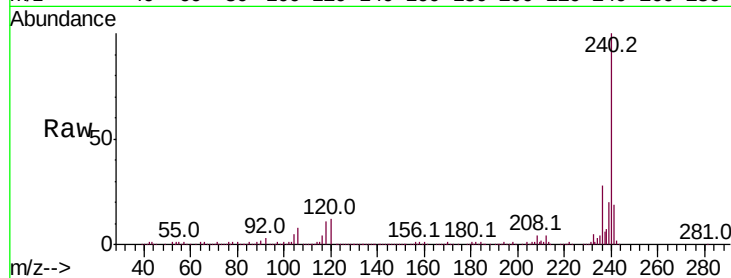
Tot Ion:240 Resp: 480816

Ion Ratio Lower Upper

240 100

120 12.0 10.2 15.4

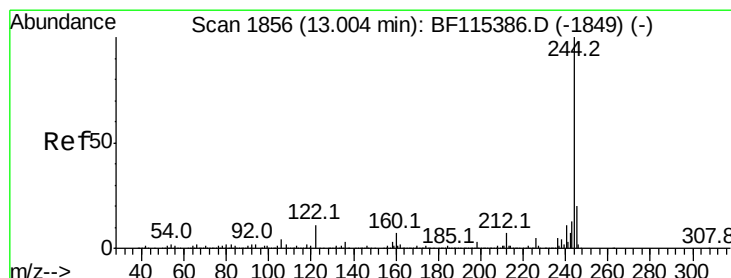
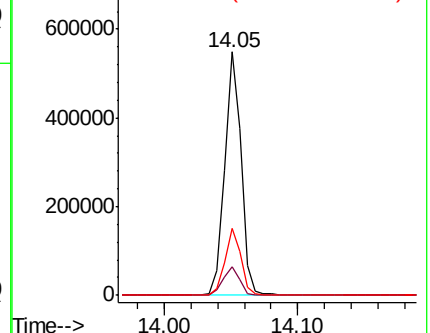
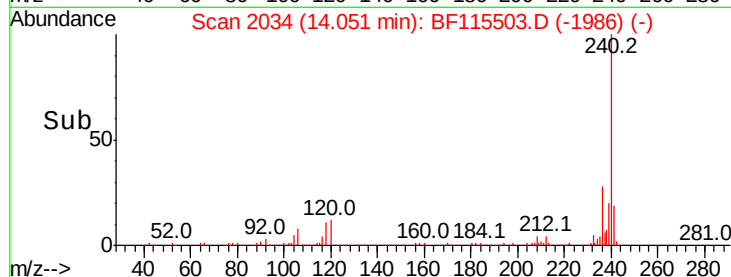
236 27.6 21.1 31.7



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: 64.292 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BF115503.D

Acq: 11 Jul 2019 19:21

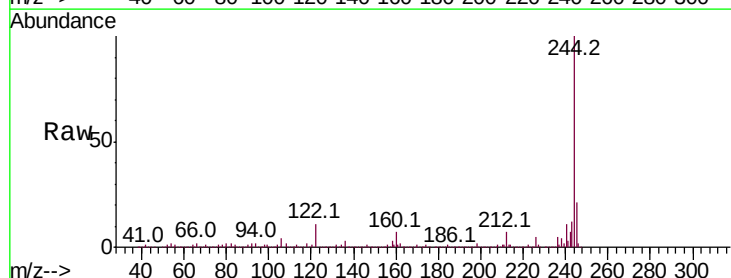
Tgt Ion:244 Resp: 1509769

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

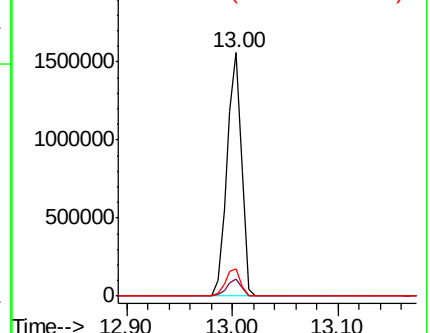
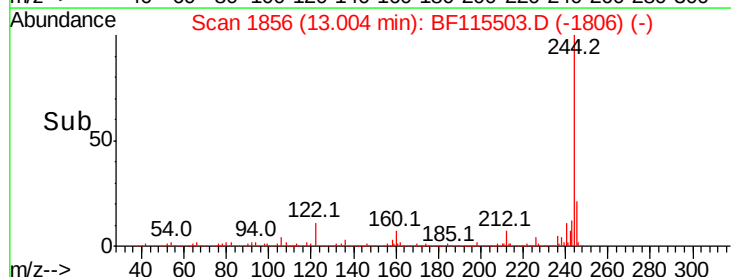
122 11.3 9.1 13.7

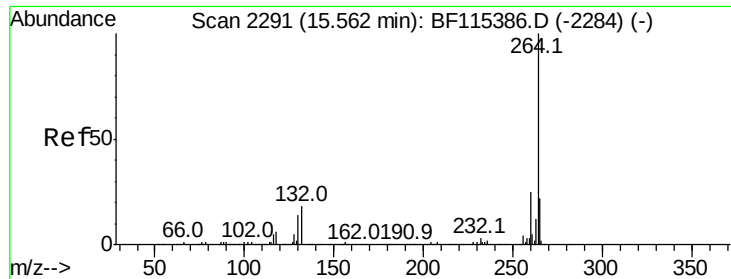


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF115503.D
Acq: 11 Jul 2019 19:21

Instrument :
BNA_F
ClientSampleId :
TRENCH-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	20.1	30.1
265	21.4	17.8	26.6

