

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071219\
 Data File : BF115535.D
 Acq On : 12 Jul 2019 19:17
 Operator : HP/JU
 Sample : K3761-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-DRUM

Quant Time: Jul 13 02:09:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	153609	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	557696	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	243849	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	393565	20.00	ng	0.00
76) Chrysene-d12	14.04	240	335518	20.00	ng	-0.01
87) Perylene-d12	15.52	264	357225	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1064726	113.38	ng	0.02
7) Phenol-d6	6.52	99	1207919	101.37	ng	0.00
23) Nitrobenzene-d5	7.45	82	939969	98.00	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	355046	124.74	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1615716	115.97	ng	0.00
79) Terphenyl-d14	12.99	244	1493636	82.14	ng	0.00

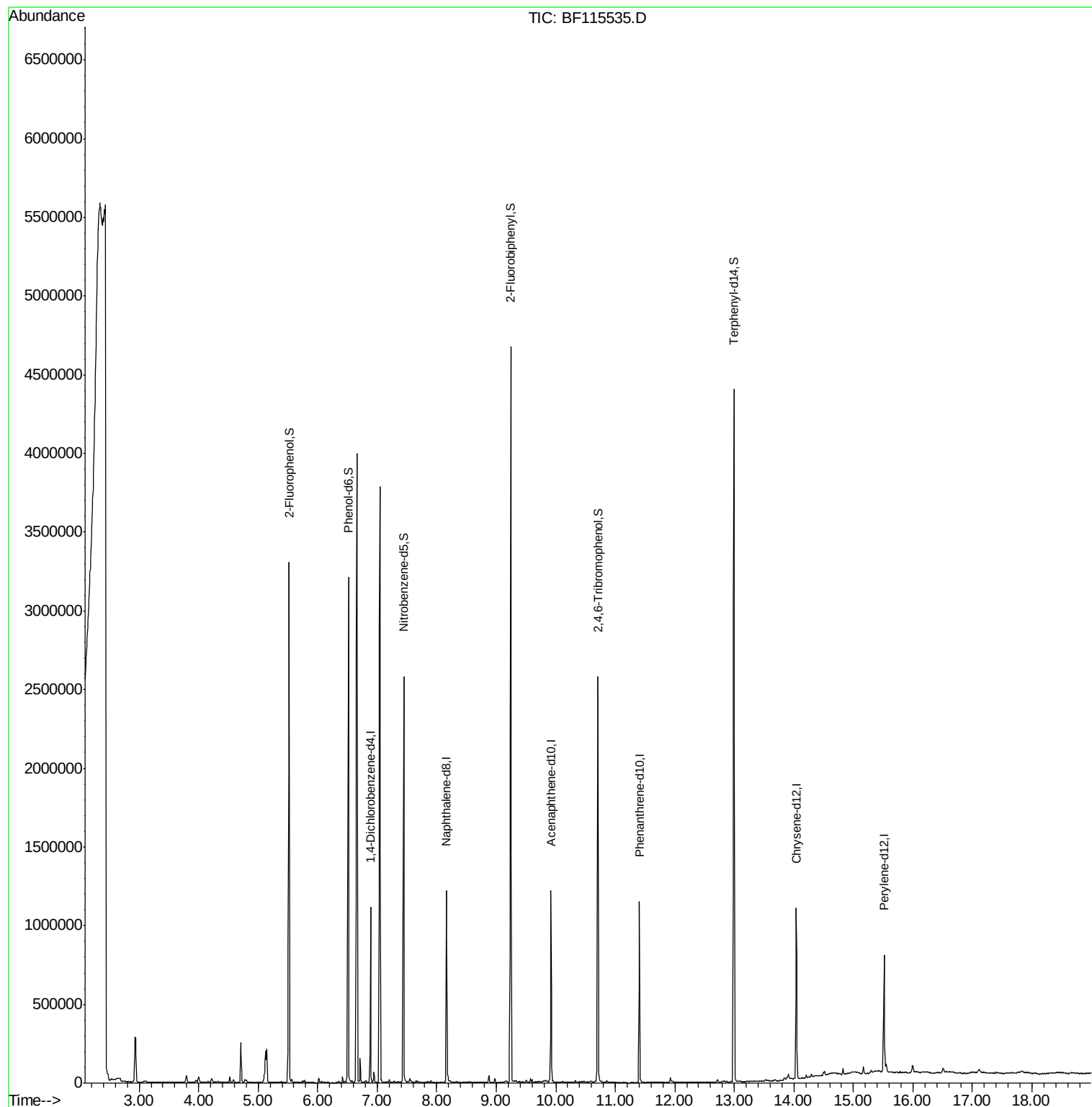
Target Compounds Qvalue

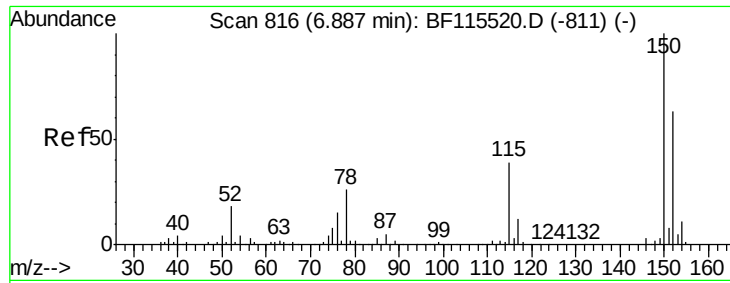
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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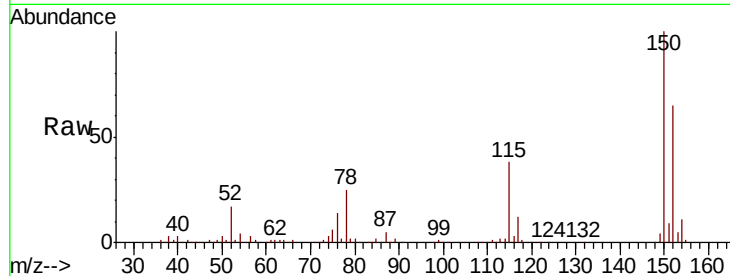


#1

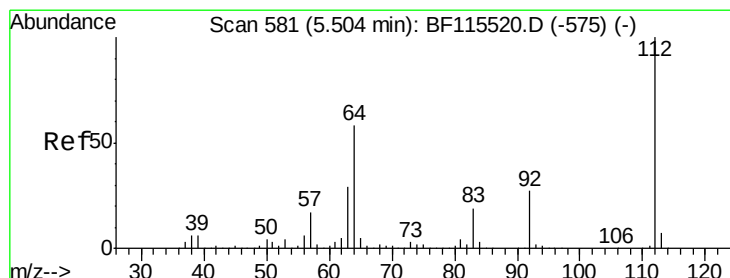
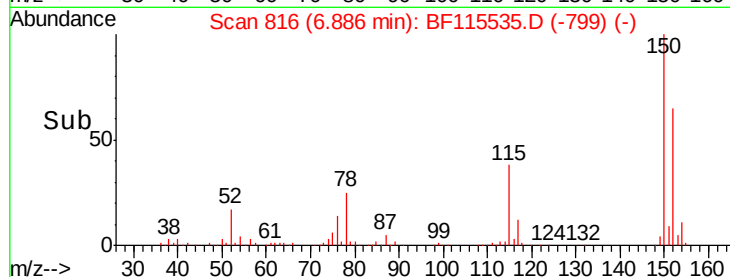
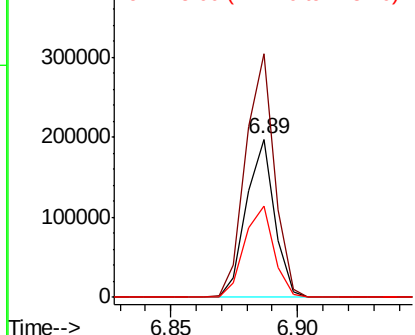
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF115535.D
Acq: 12 Jul 2019 19:17

Instrument :
BNA_F
ClientSampleId :
SOIL-DRUM

Tot Ion:152 Resp: 153609
Ion Ratio Lower Upper
152 100
150 154.0 129.7 194.5
115 58.0 48.2 72.4



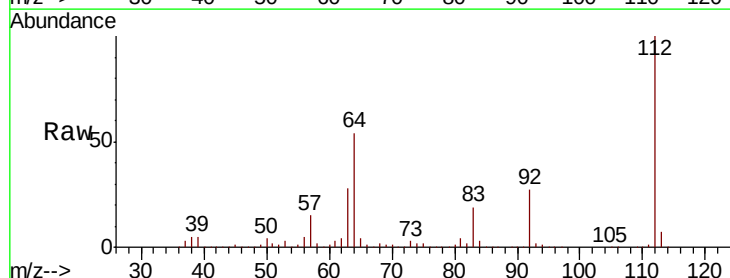
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



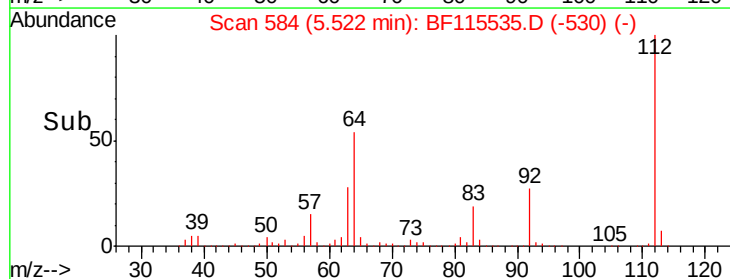
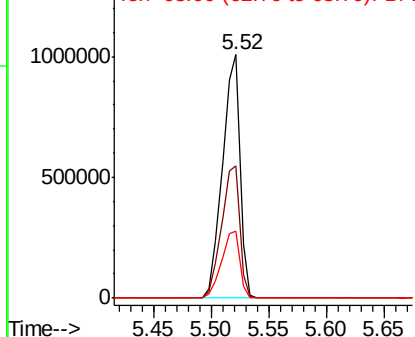
#5

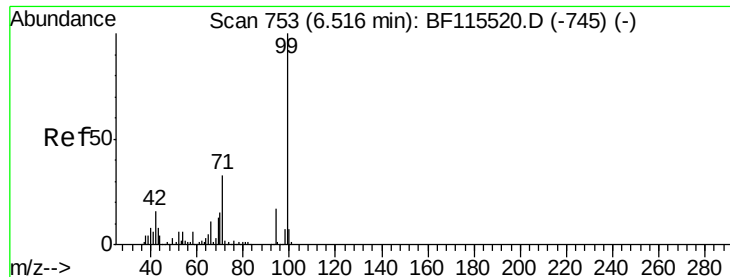
2-Fluorophenol
Concen: 113.378 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.02 min
Lab File: BF115535.D
Acq: 12 Jul 2019 19:17

Tgt Ion:112 Resp: 1064726
Ion Ratio Lower Upper
112 100
64 54.2 46.8 70.2
63 27.6 24.1 36.1



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: 101.369 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF115535.D

Acq: 12 Jul 2019 19:17

Instrument :

BNA_F

ClientSampleId :

SOIL-DRUM

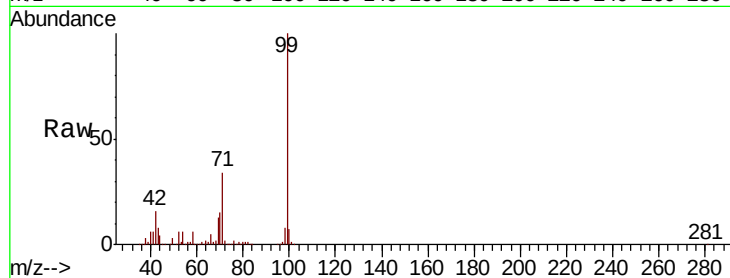
Tot Ion: 99 Resp: 1207919

Ion Ratio Lower Upper

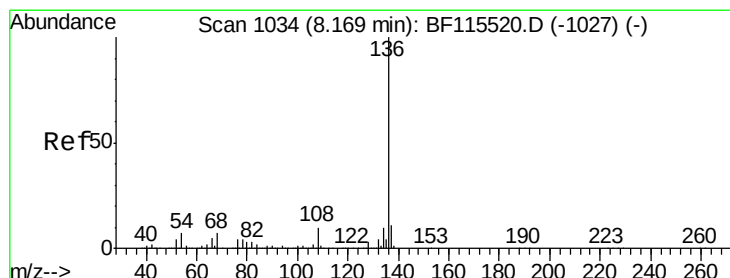
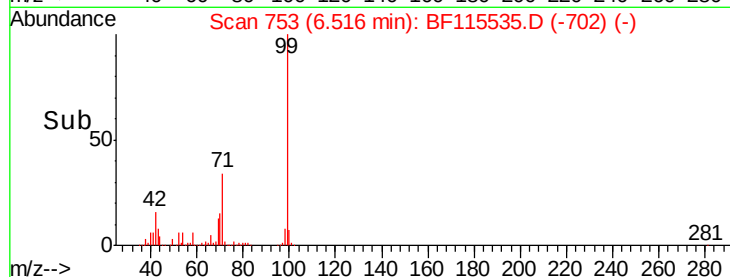
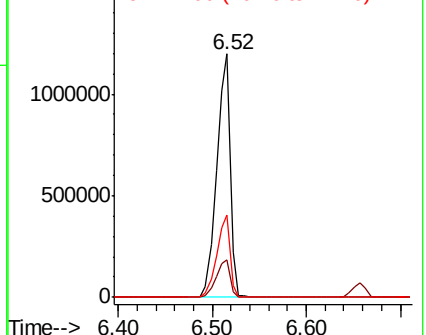
99 100

42 15.5 13.6 20.4

71 33.6 28.5 42.7



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: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF115535.D

Acq: 12 Jul 2019 19:17

Tgt Ion: 136 Resp: 557696

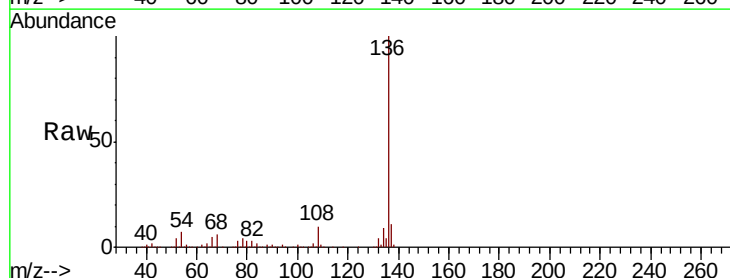
Ion Ratio Lower Upper

136 100

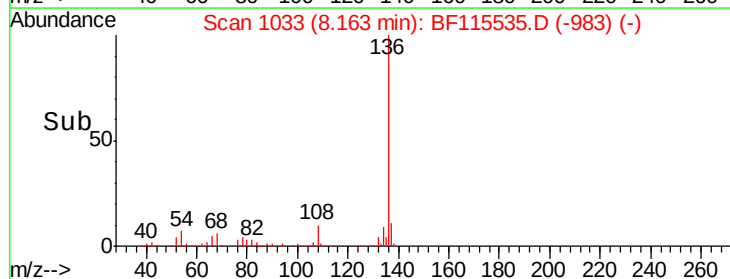
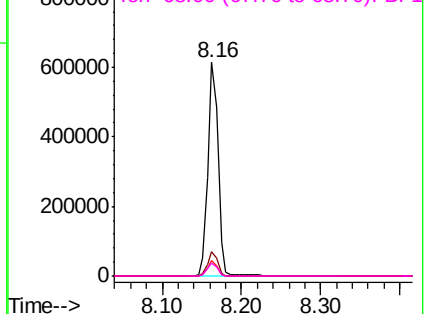
137 11.4 9.0 13.4

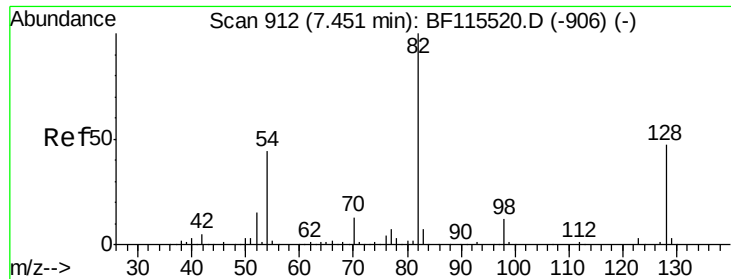
54 7.1 5.6 8.4

68 6.3 5.0 7.6



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

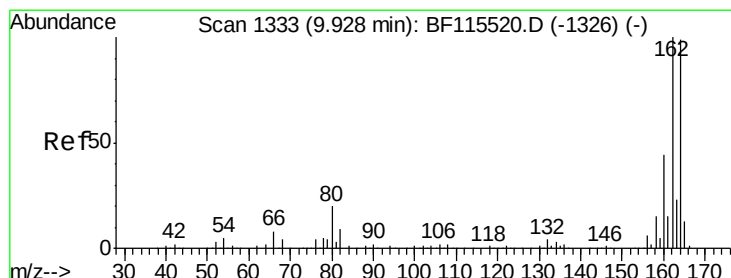
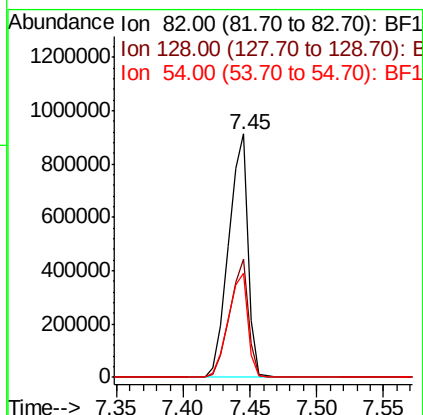
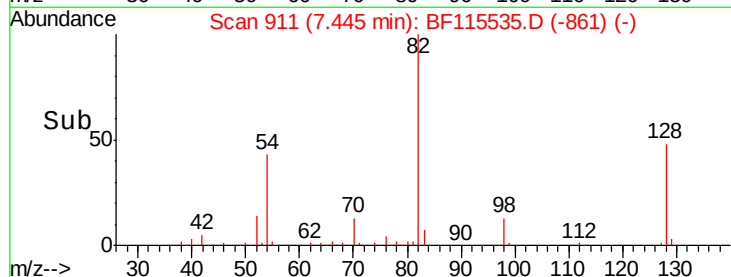
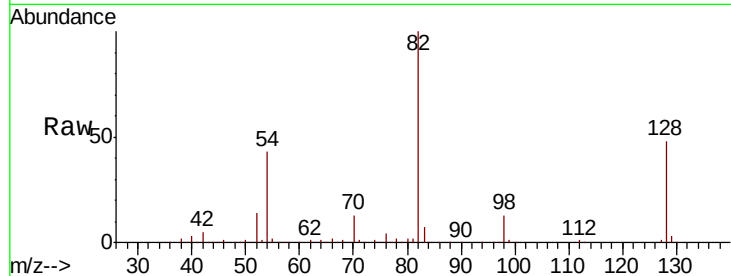




#23
 Nitrobenzene-d5
 Concen: 98.003 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF115535.D
 Acq: 12 Jul 2019 19:17

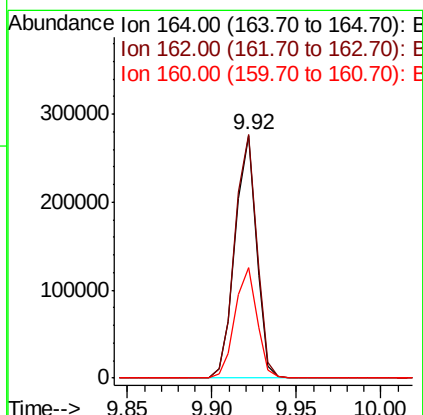
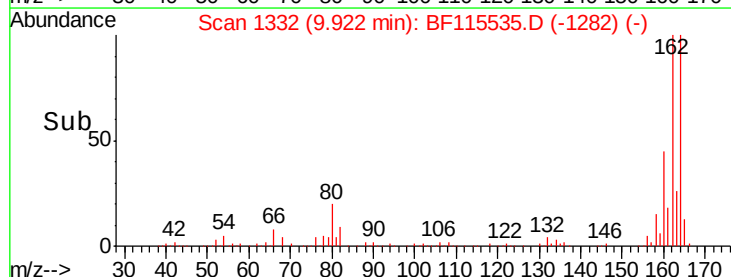
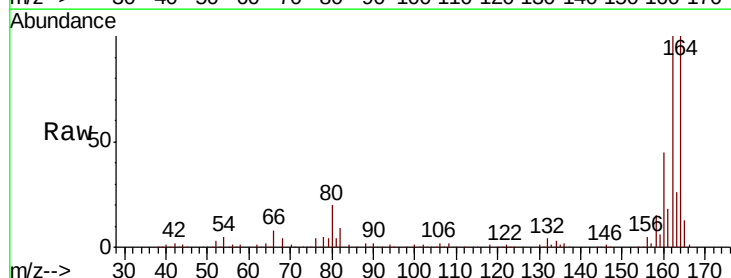
Instrument :
 BNA_F
 ClientSampleId :
 SOIL-DRUM

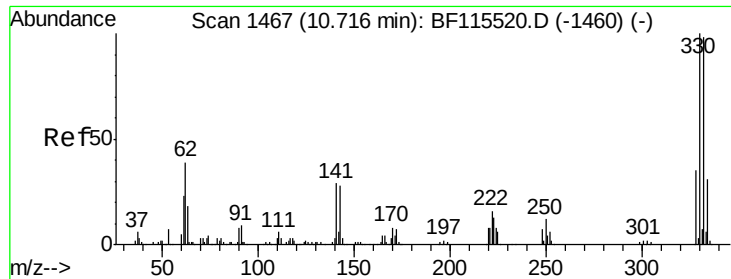
Tot Ion	82	Resp	939969
Ion Ratio	Lower	Upper	
82	100		
128	48.3	38.6	57.8
54	43.0	35.6	53.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.01 min
 Lab File: BF115535.D
 Acq: 12 Jul 2019 19:17

Tgt Ion	164	Resp	243849
Ion Ratio	Lower	Upper	
164	100		
162	100.2	82.9	124.3
160	45.3	36.8	55.2

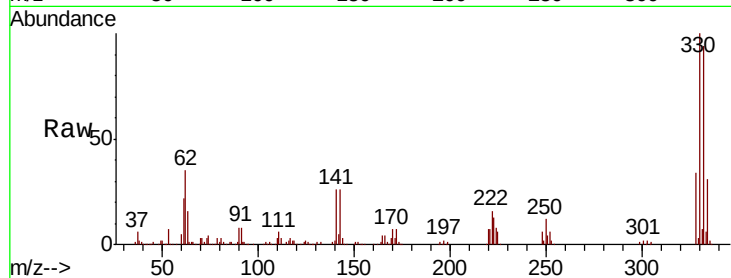




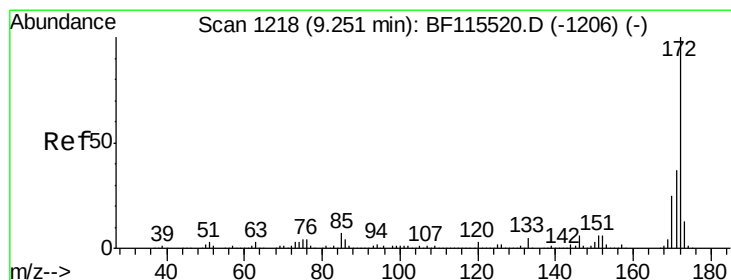
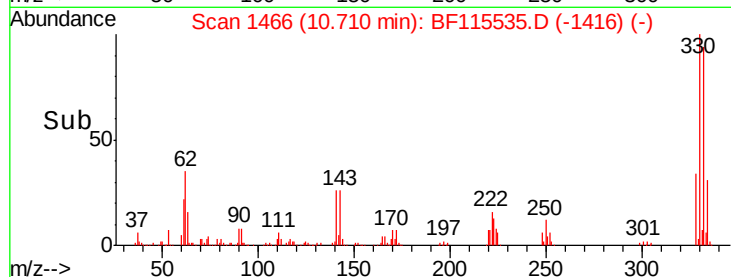
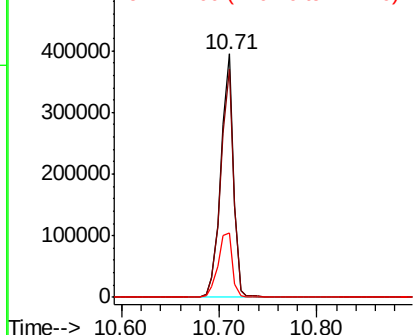
#42
 2,4,6-Tribromophenol
 Concen: 124.739 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF115535.D
 Acq: 12 Jul 2019 19:17

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-DRUM

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.4	116.2
141	30.3	22.4	33.6

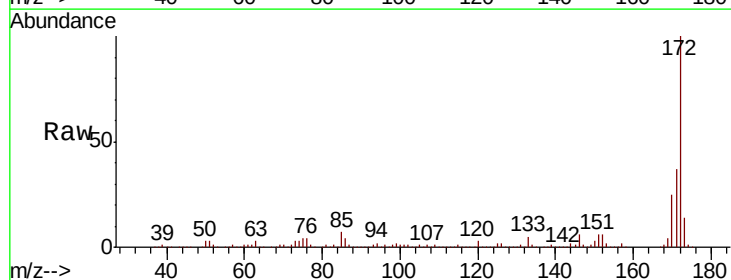


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

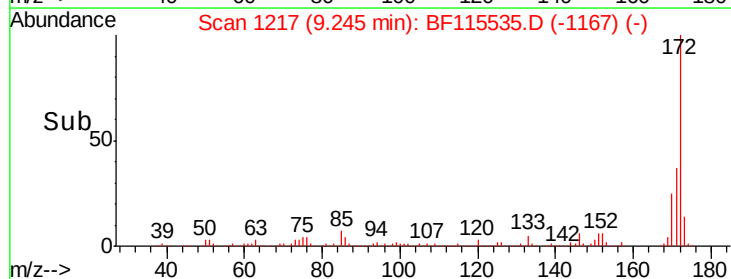
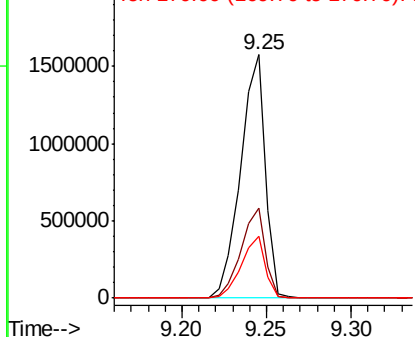


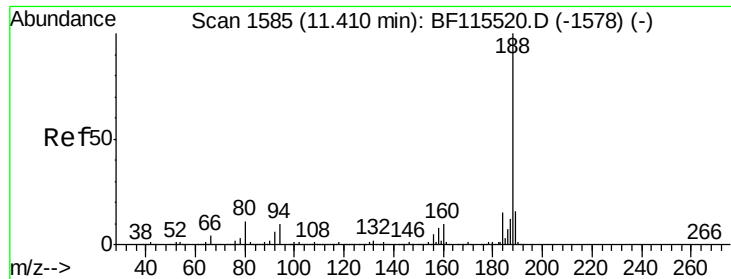
#45
 2-Fluorobiphenyl
 Concen: 115.972 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF115535.D
 Acq: 12 Jul 2019 19:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.6	46.0
170	25.3	20.5	30.7



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

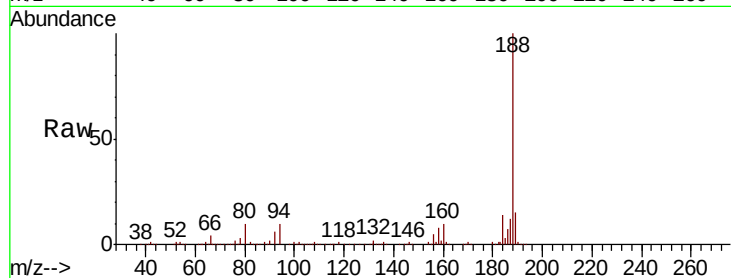




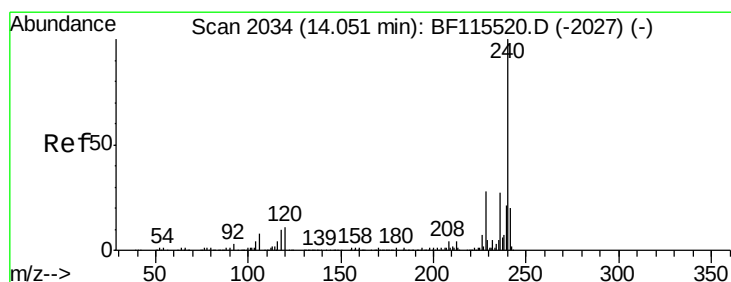
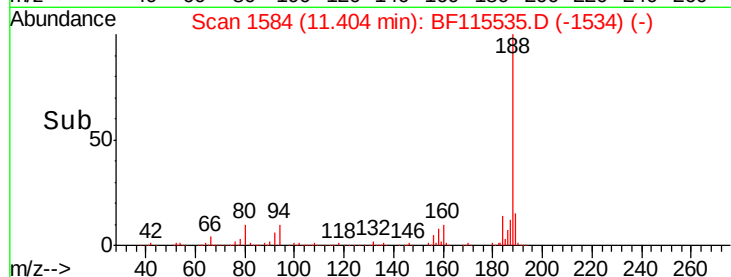
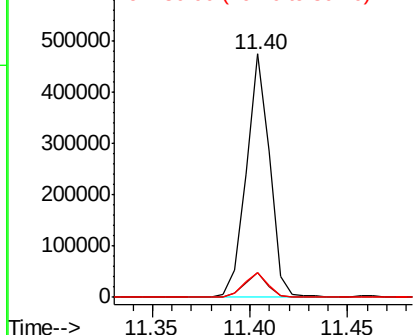
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF115535.D
Acq: 12 Jul 2019 19:17

Instrument :
BNA_F
ClientSampleId :
SOIL-DRUM

Tot Ion:188 Resp: 393565
Ion Ratio Lower Upper
188 100
94 10.0 7.8 11.6
80 10.2 8.6 13.0

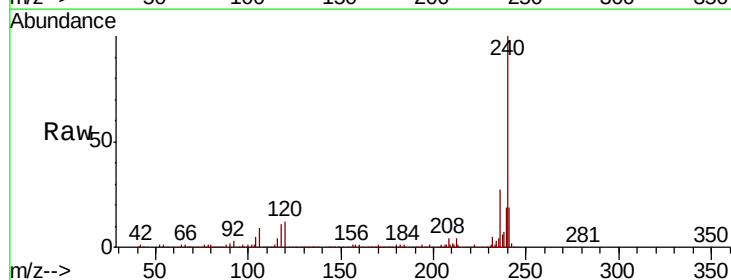


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

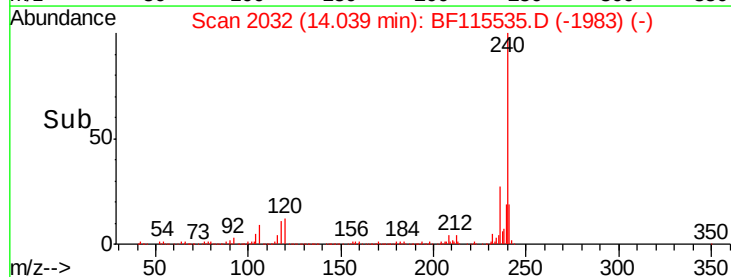
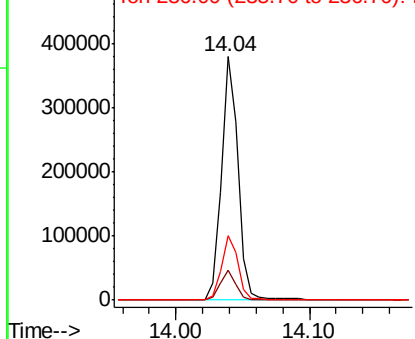


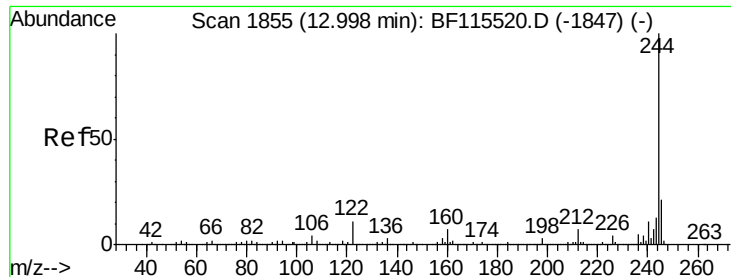
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF115535.D
Acq: 12 Jul 2019 19:17

Tgt Ion:240 Resp: 335518
Ion Ratio Lower Upper
240 100
120 12.2 8.6 13.0
236 26.6 21.3 31.9



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: 82.142 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF115535.D

Acq: 12 Jul 2019 19:17

Instrument :

BNA_F

ClientSampleId :

SOIL-DRUM

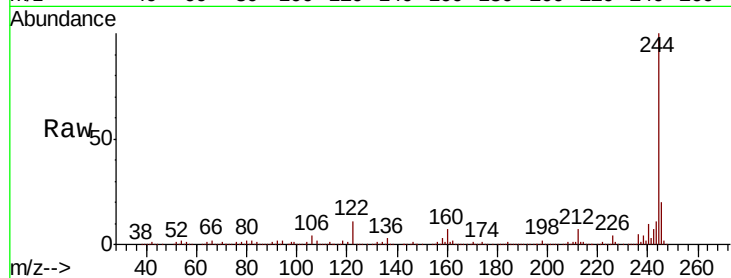
Tot Ion:244 Resp: 1493636

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

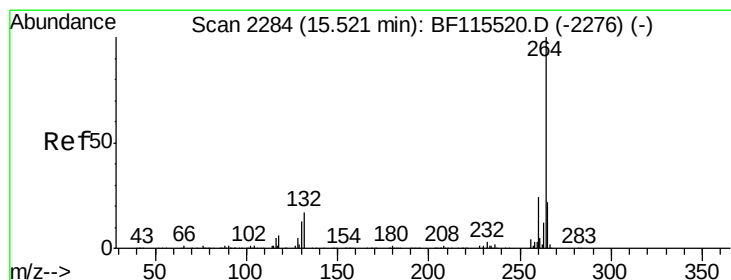
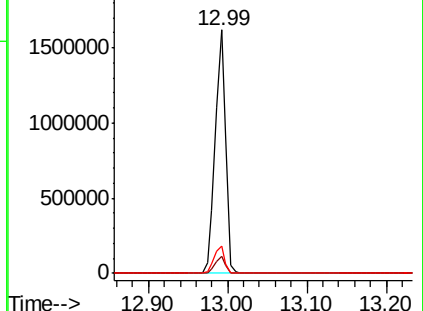
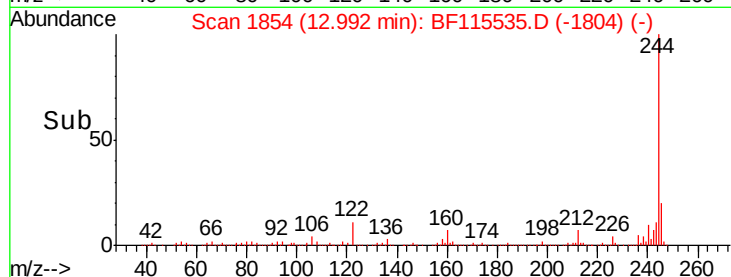
122 11.4 8.6 12.8



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

Perylene-d12

Concen: 20.000 ng

RT: 15.52 min Scan# 2283

Delta R.T. -0.01 min

Lab File: BF115535.D

Acq: 12 Jul 2019 19:17

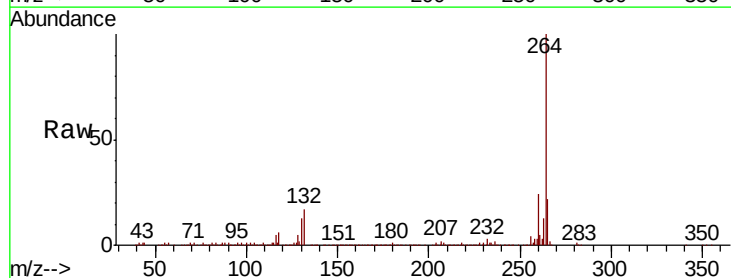
Tgt Ion:264 Resp: 357225

Ion Ratio Lower Upper

264 100

260 23.9 19.8 29.8

265 22.3 17.7 26.5



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

