

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091819\
 Data File : BF117162.D
 Acq On : 18 Sep 2019 23:07
 Operator : HP/JU
 Sample : K4927-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-COMP-1

Quant Time: Sep 19 08:20:01 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

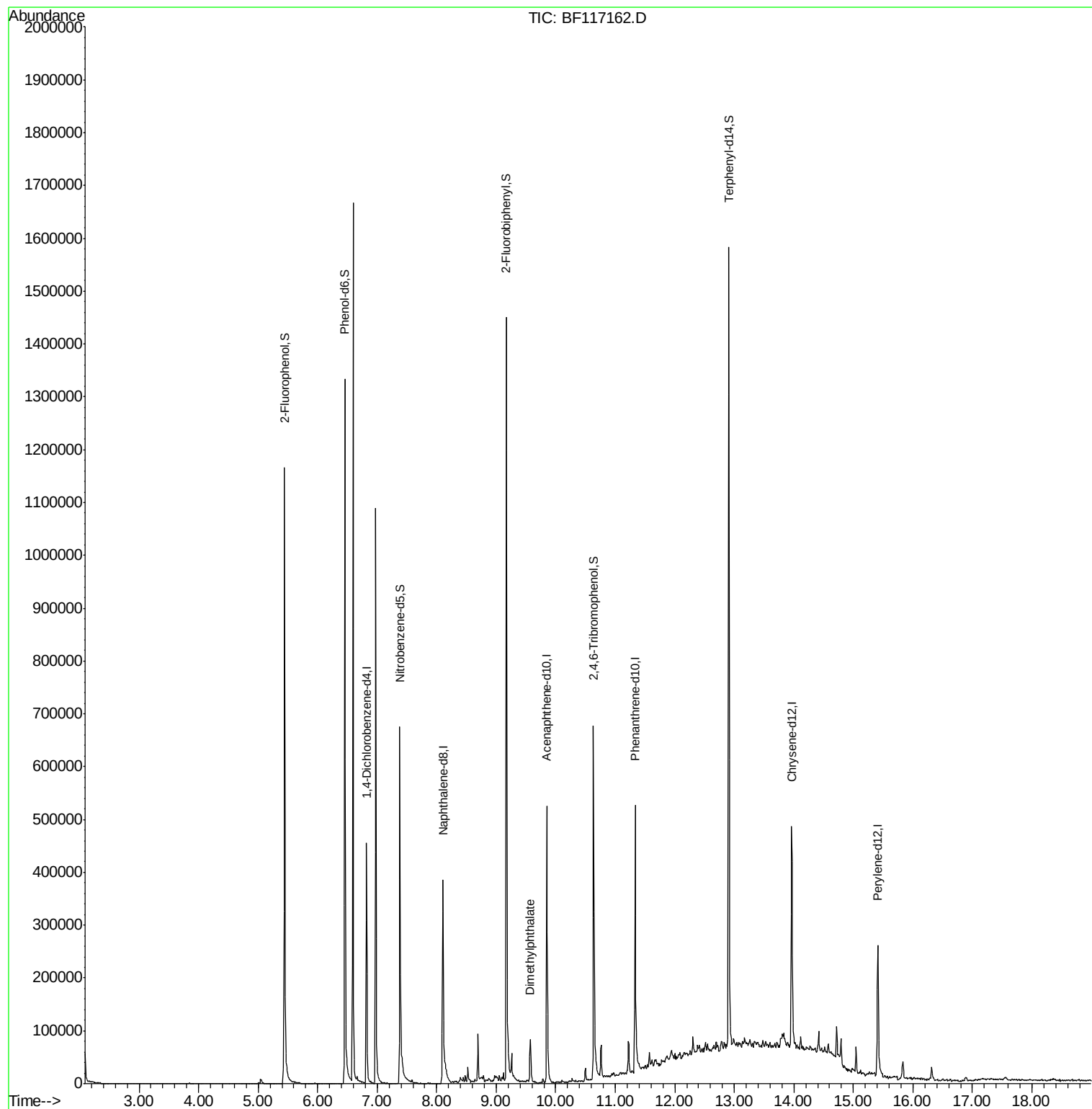
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	71535	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	282353	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	143270	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	233177	20.00	ng	0.00
76) Chrysene-d12	13.96	240	165901	20.00	ng	-0.01
87) Perylene-d12	15.41	264	114542	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	377355	82.36	ng	0.00
7) Phenol-d6	6.46	99	509257	86.00	ng	0.00
23) Nitrobenzene-d5	7.38	82	319156	59.39	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	101653	84.89	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	550493	60.08	ng	0.00
79) Terphenyl-d14	12.91	244	508508	57.29	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.57	163	51459	5.073	ng	Qvalue 98

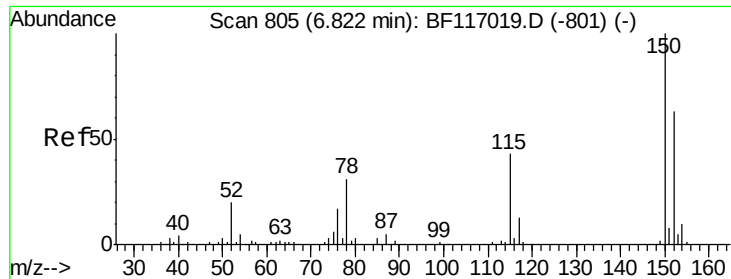
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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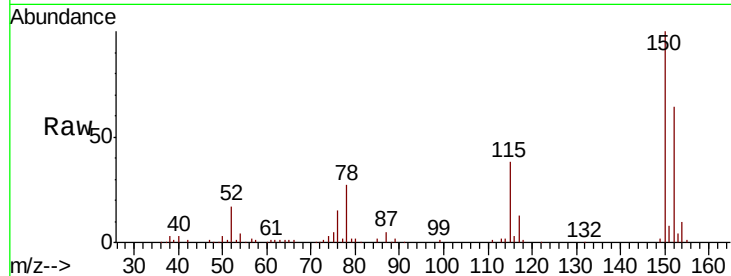


#1

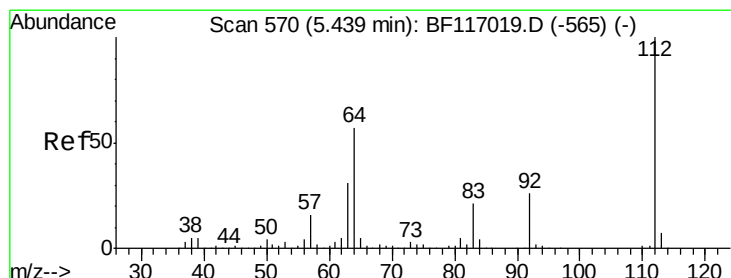
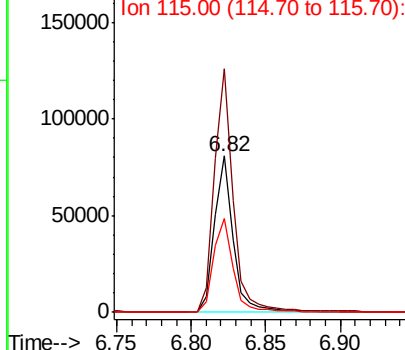
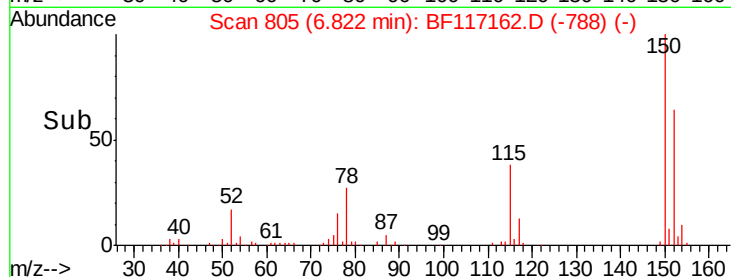
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF117162.D
Acq: 18 Sep 2019 23:07

Instrument :
BNA_F
ClientSampleId :
SOIL-COMP-1

Tot Ion:152 Resp: 71535
Ion Ratio Lower Upper
152 100
150 155.9 127.5 191.3
115 59.9 55.0 82.4



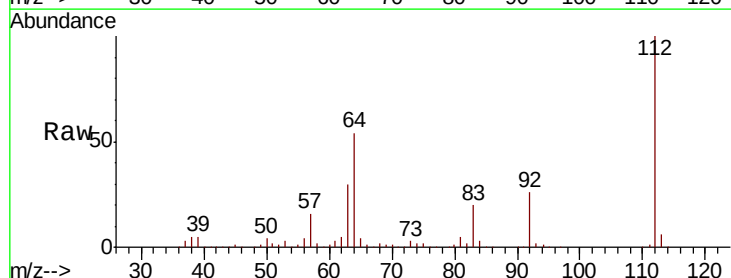
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



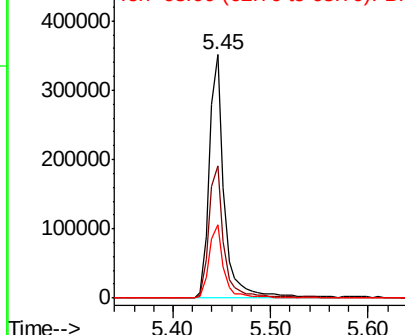
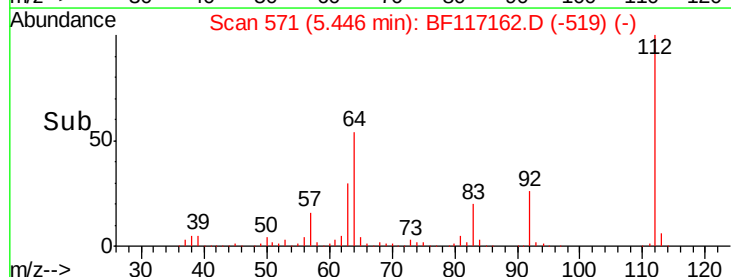
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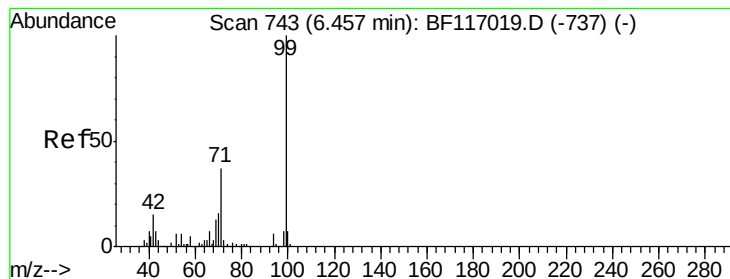
2-Fluorophenol
Concen: 82.358 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF117162.D
Acq: 18 Sep 2019 23:07

Tgt Ion:112 Resp: 377355
Ion Ratio Lower Upper
112 100
64 54.2 45.7 68.5
63 30.1 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: 86.002 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF117162.D

Acq: 18 Sep 2019 23:07

Instrument :

BNA_F

ClientSampleId :

SOIL-COMP-1

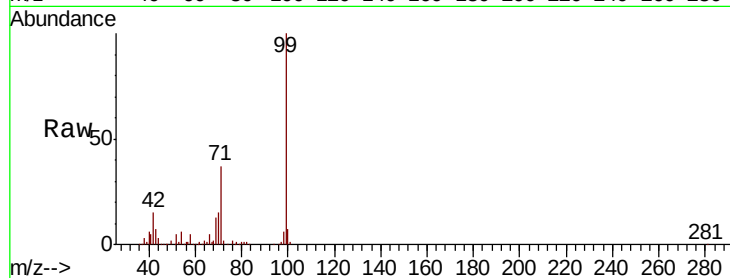
Tot Ion: 99 Resp: 509257

Ion Ratio Lower Upper

99 100

42 14.8 12.2 18.2

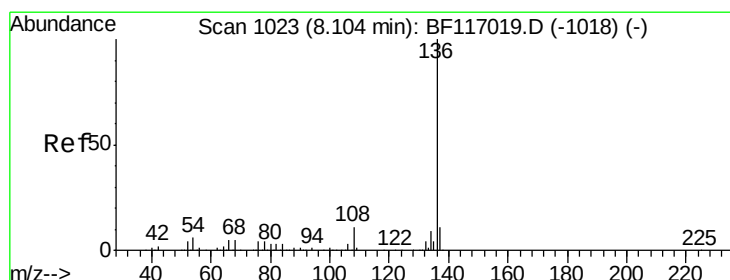
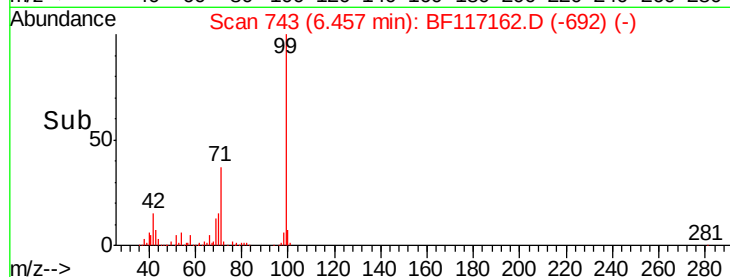
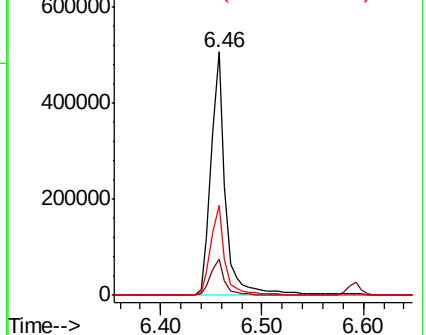
71 36.8 29.8 44.8



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: BF117162.D

Acq: 18 Sep 2019 23:07

Tgt Ion: 136 Resp: 282353

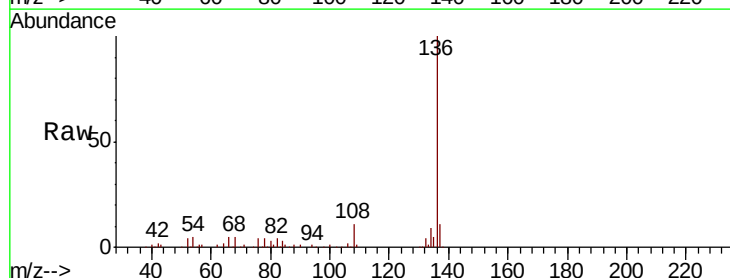
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.4

54 5.0 4.5 6.7

68 4.6 4.0 6.0

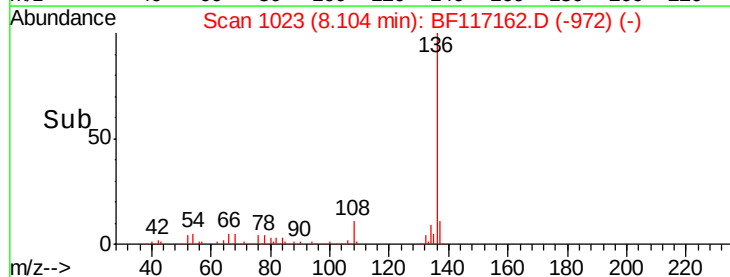
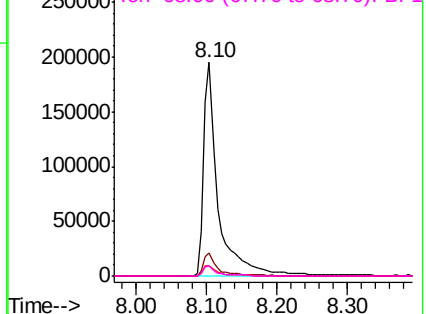


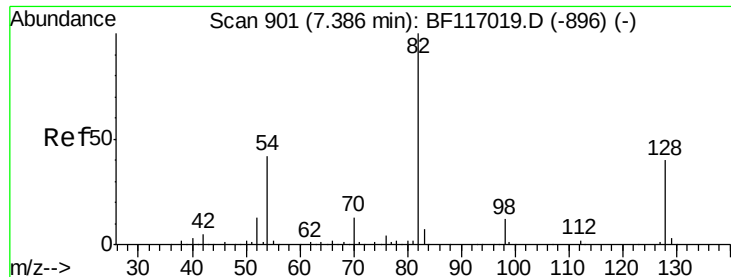
Abundance Ion 136.00 (135.70 to 136.70): E

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

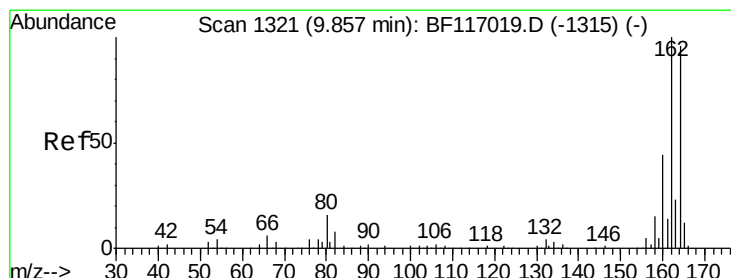
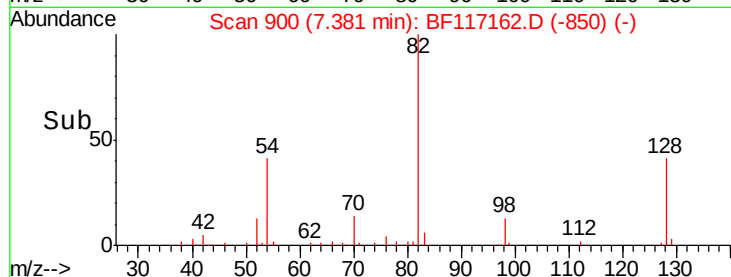
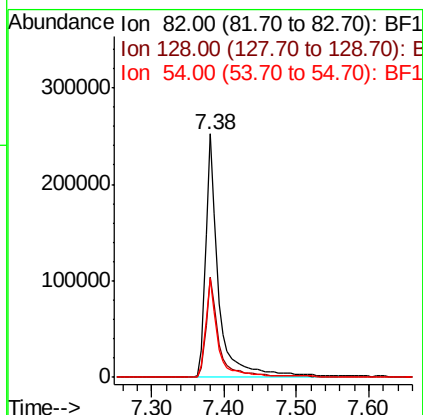
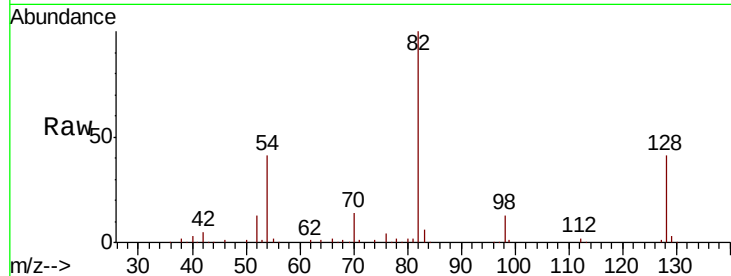




#23
 Nitrobenzene-d5
 Concen: 59.391 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BF117162.D
 Acq: 18 Sep 2019 23:07

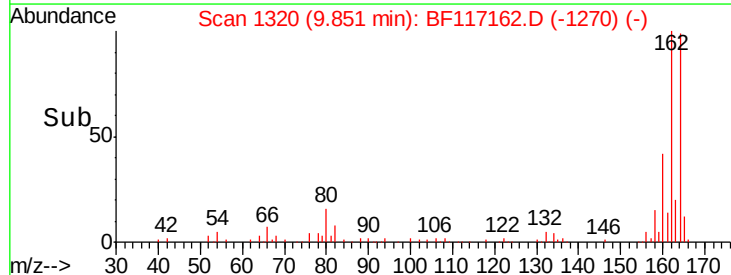
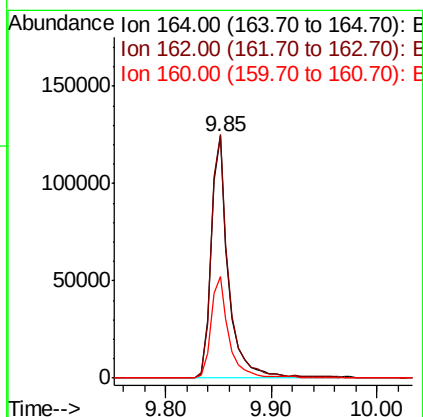
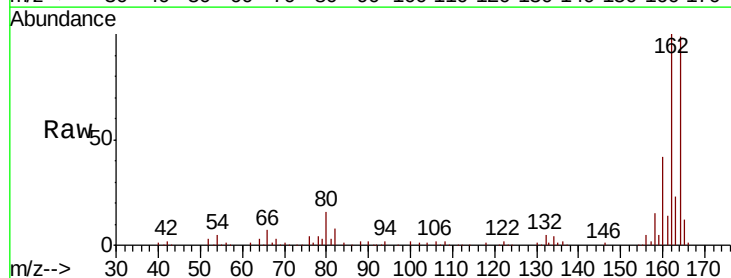
Instrument :
 BNA_F
 ClientSampleId :
 SOIL-COMP-1

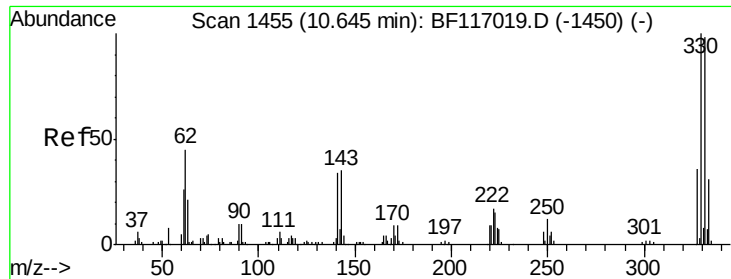
Tot Ion	82	Resp	319156
Ion Ratio	100	Lower	Upper
128	41.3	32.3	48.5
54	40.7	33.3	49.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BF117162.D
 Acq: 18 Sep 2019 23:07

Tgt Ion	164	Resp	143270
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	100.5	83.4	125.2
160	42.0	36.4	54.6

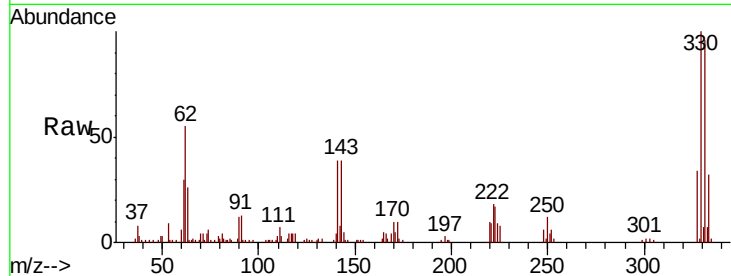




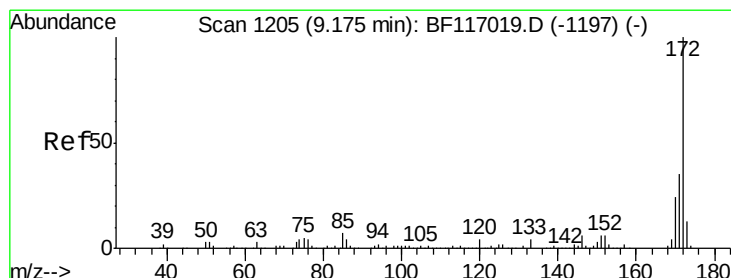
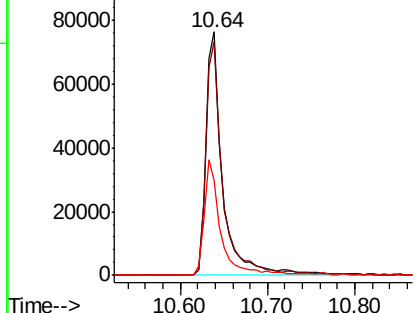
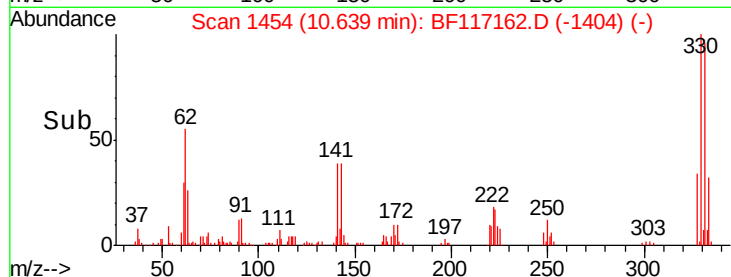
#42
 2,4,6-Tribromophenol
 Concen: 84.894 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF117162.D
 Acq: 18 Sep 2019 23:07

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-COMP-1

Tot Ion:330 Resp: 101653
 Ion Ratio Lower Upper
 330 100
 332 94.7 78.0 117.0
 141 46.9 35.8 53.6

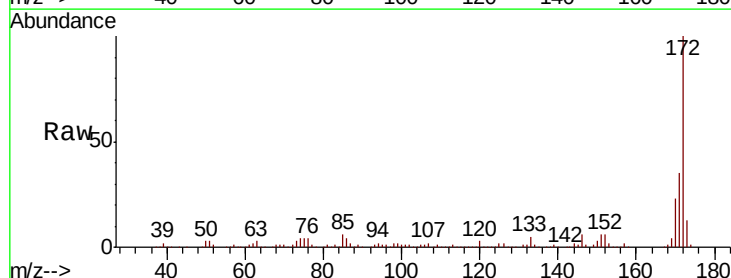


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

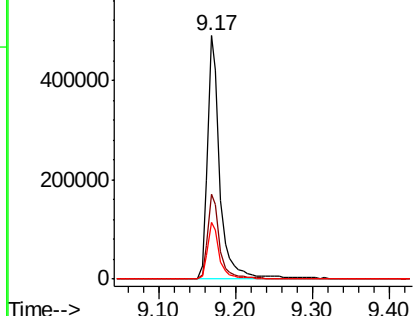
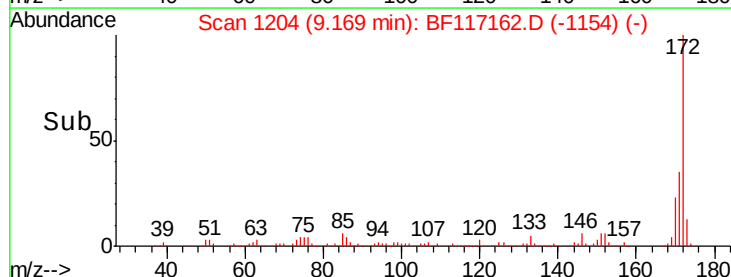


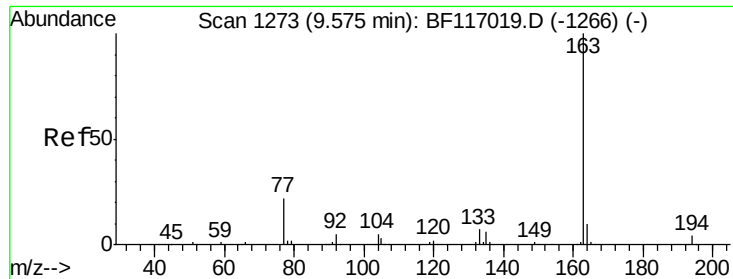
#45
 2-Fluorobiphenyl
 Concen: 60.078 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF117162.D
 Acq: 18 Sep 2019 23:07

Tgt Ion:172 Resp: 550493
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.2 42.2
 170 23.4 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

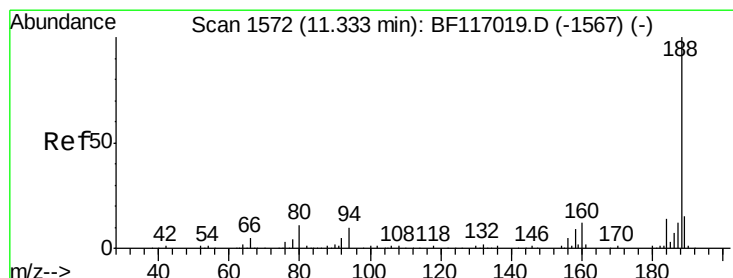
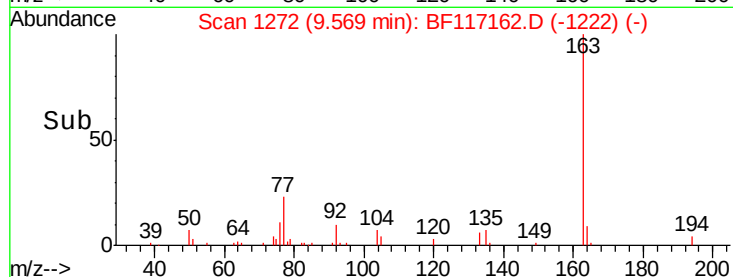
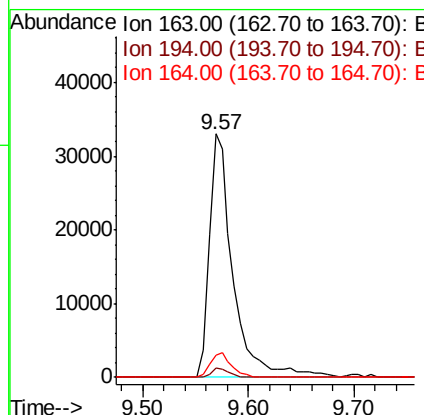
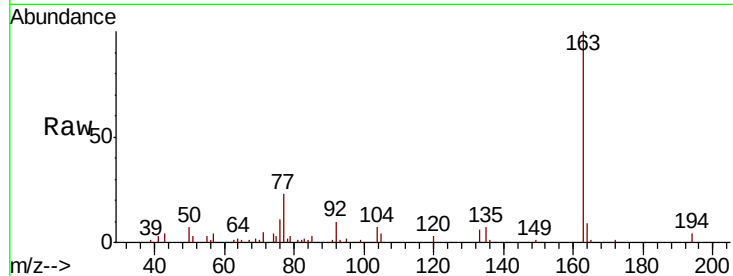




#50
Dimethylphthalate
Concen: 5.073 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BF117162.D
Acq: 18 Sep 2019 23:07

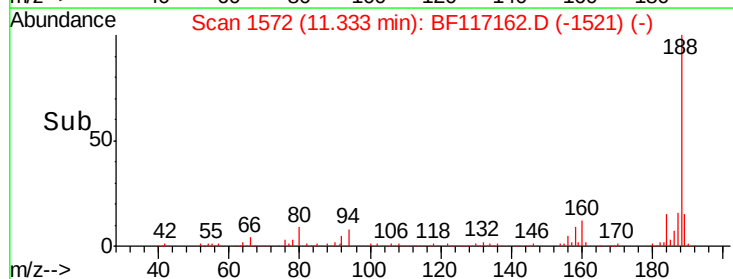
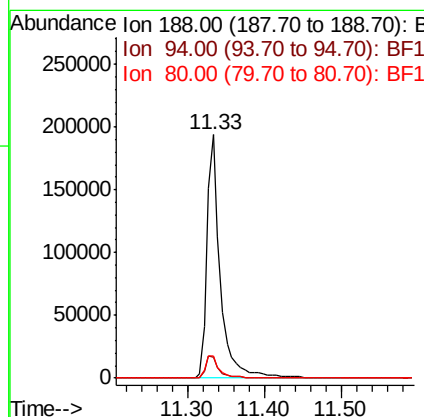
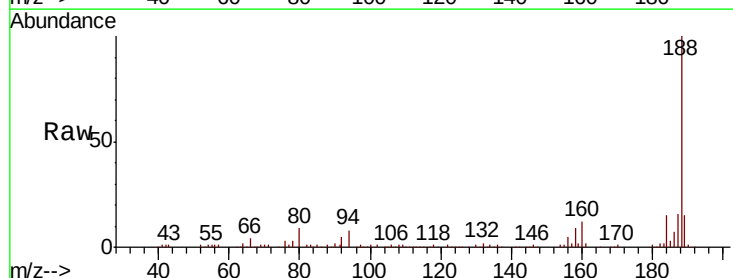
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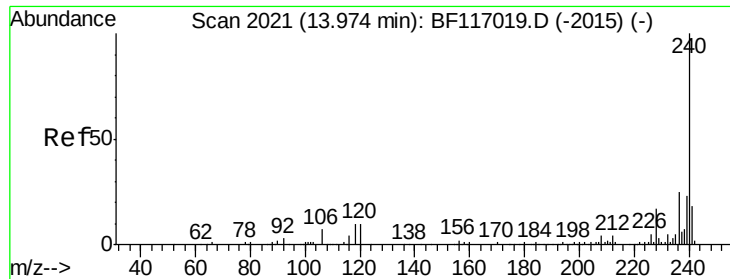
Tot Ion:163 Resp: 51459
Ion Ratio Lower Upper
163 100
194 3.8 2.9 4.3
164 9.3 8.2 12.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF117162.D
Acq: 18 Sep 2019 23:07

Tgt Ion:188 Resp: 233177
Ion Ratio Lower Upper
188 100
94 8.3 8.2 12.2
80 9.1 9.0 13.6

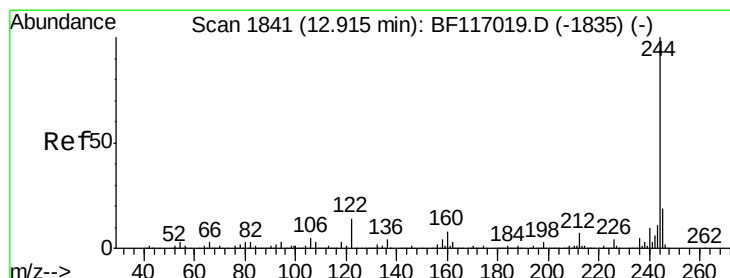
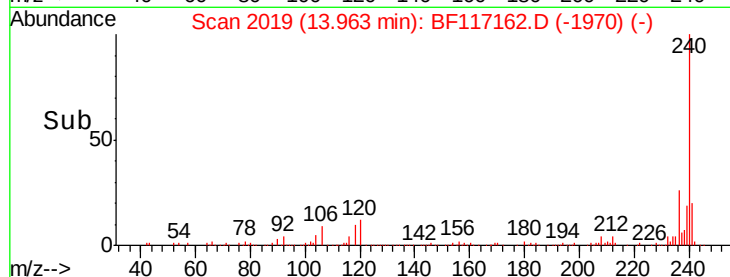
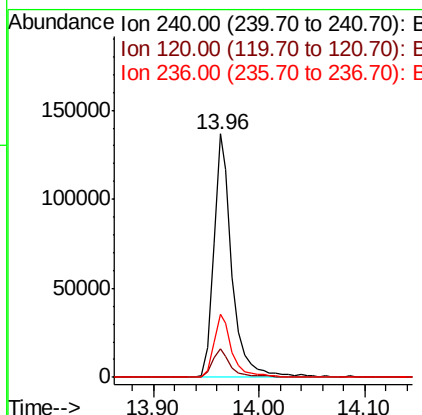
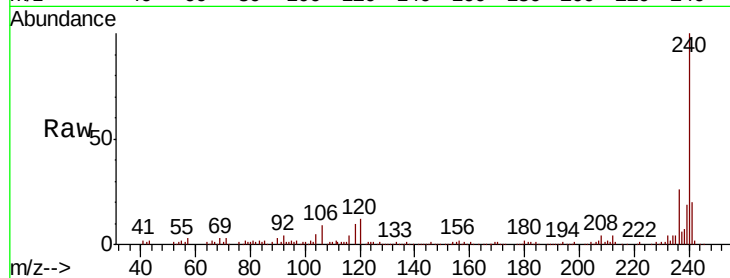




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.01 min
 Lab File: BF117162.D
 Acq: 18 Sep 2019 23:07

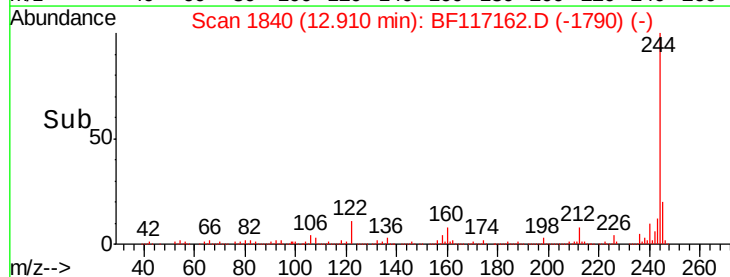
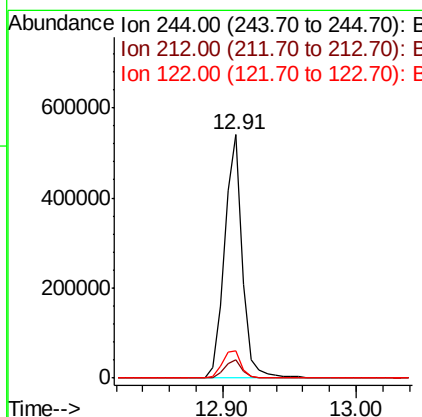
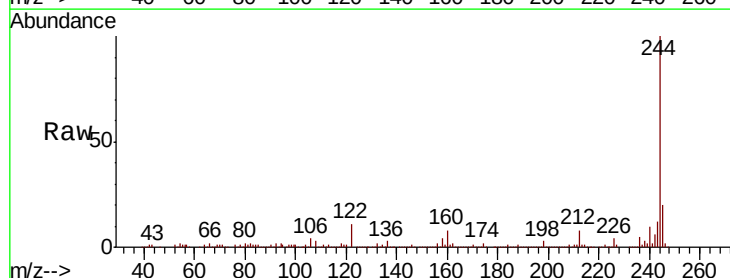
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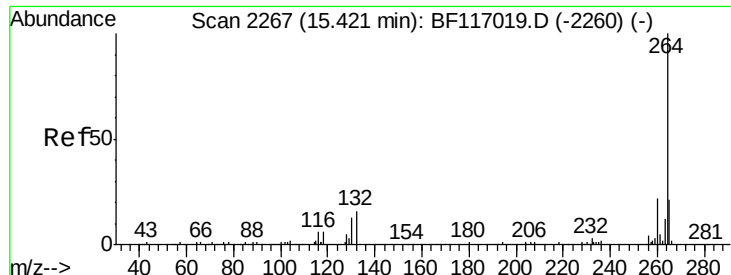
Tot Ion	Ratio	Lower	Upper
240	100		
120	11.5	8.3	12.5
236	25.9	20.3	30.5



#79
 Terphenyl-d14
 Concen: 57.294 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BF117162.D
 Acq: 18 Sep 2019 23:07

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.8
122	11.3	11.3	16.9#





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.41 min Scan# 2265
 Delta R.T. -0.01 min
 Lab File: BF117162.D
 Acq: 18 Sep 2019 23:07

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	17.6	26.4
265	21.7	16.6	24.8

