

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122719\
 Data File : BF118342.D
 Acq On : 27 Dec 2019 17:14
 Operator : JU
 Sample : K6431-14
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-DUPLICATE

Quant Time: Dec 28 01:36:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 15:58:52 2019
 Response via : Initial Calibration

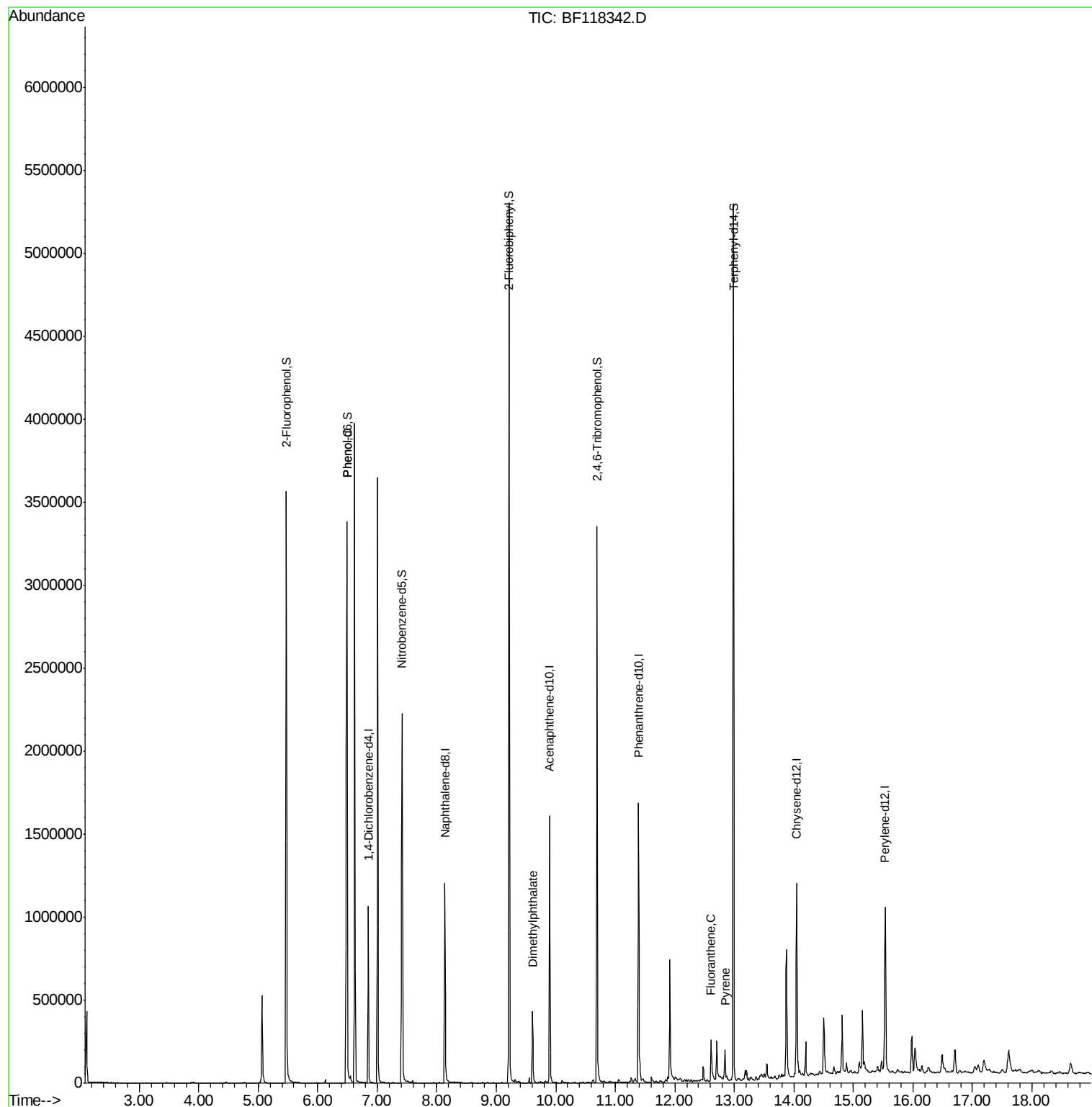
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	154736	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	592565	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	315364	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	580104	20.00	ng	0.00
76) Chrysene-d12	14.04	240	354898	20.00	ng	0.00
87) Perylene-d12	15.53	264	360937	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1055339	116.42	ng	0.01
7) Phenol-d6	6.49	99	1346226	119.72	ng	0.00
23) Nitrobenzene-d5	7.42	82	813035	78.47	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	456986	117.34	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1634126	79.10	ng	0.00
79) Terphenyl-d14	12.99	244	1732209	80.97	ng	0.00
Target Compounds						
10) Phenol	6.50	94	32593	2.579	ng	84
50) Dimethylphthalate	9.61	163	181059	7.649	ng	99
75) Fluoranthene	12.61	202	81001	2.538	ng	97
78) Pyrene	12.85	202	71404	2.464	ng	98

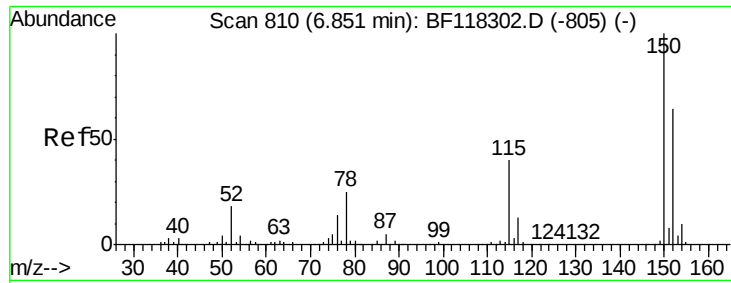
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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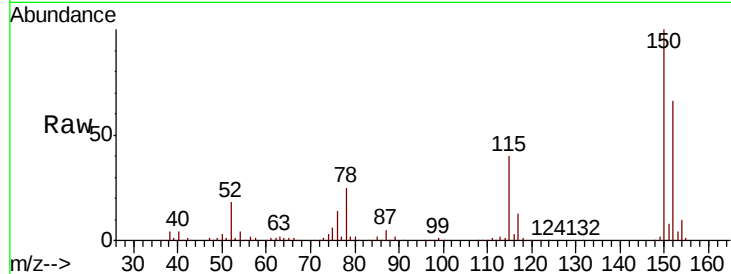


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF118342.D
 Acq: 27 Dec 2019 17:14

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-DUPLICATE

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.4	125.4	188.2
115	61.1	50.2	75.4

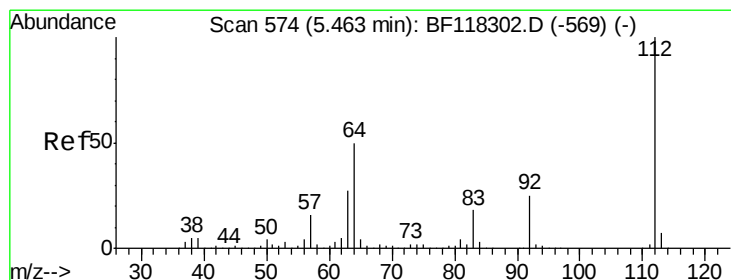
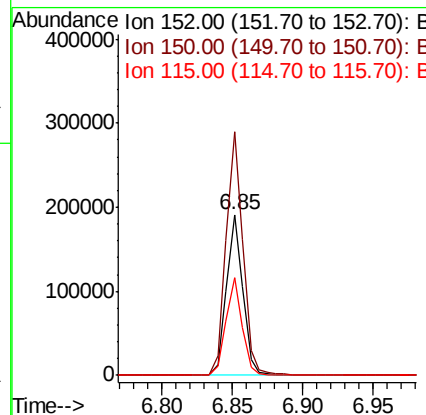
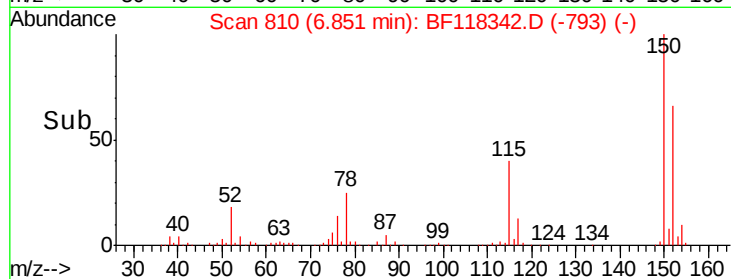


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

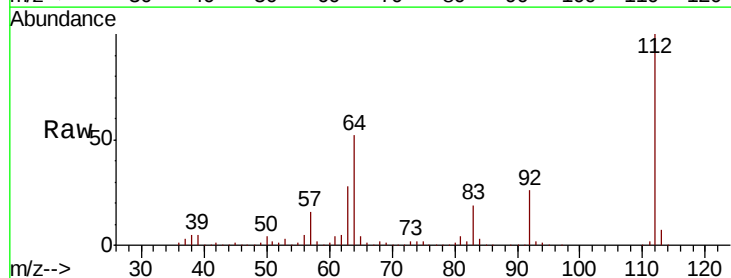
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 116.421 ng
 RT: 5.47 min Scan# 576
 Delta R.T. 0.01 min
 Lab File: BF118342.D
 Acq: 27 Dec 2019 17:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.2	39.7	59.5
63	28.0	21.7	32.5

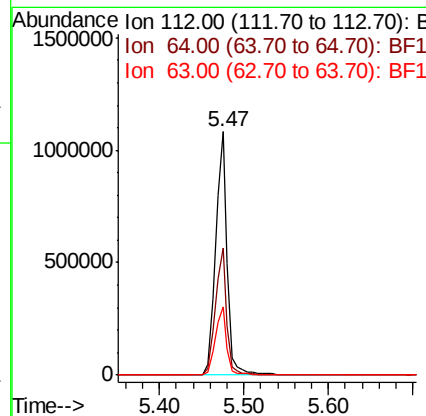
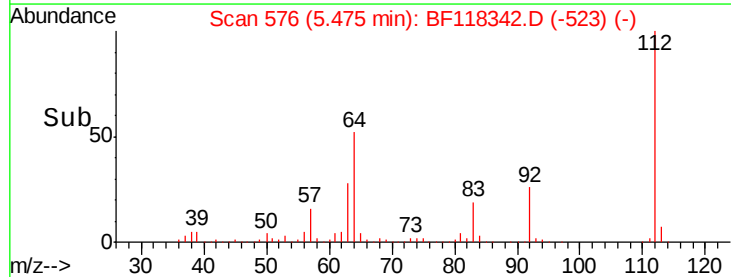


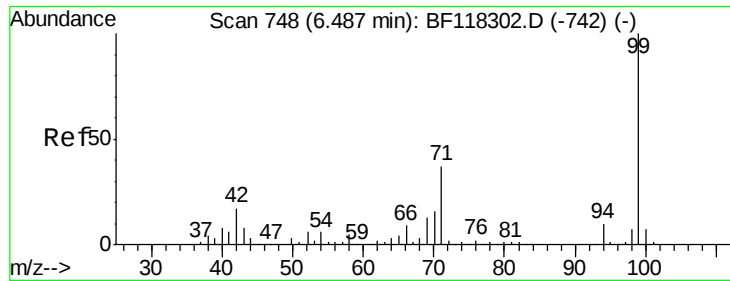
Abundance

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: 119.716 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF118342.D

Acq: 27 Dec 2019 17:14

Instrument :

BNA_F

ClientSampleId :

SOIL-DUPLICATE

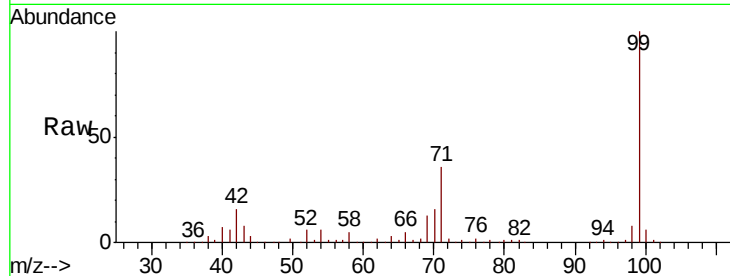
Tot Ion: 99 Resp: 1346226

Ion	Ratio	Lower	Upper
99	100		
42	16.1	13.5	20.3
71	35.9	29.4	44.2

99 100

42 16.1 13.5 20.3

71 35.9 29.4 44.2

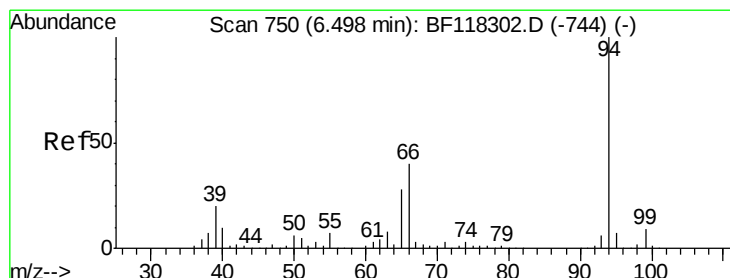
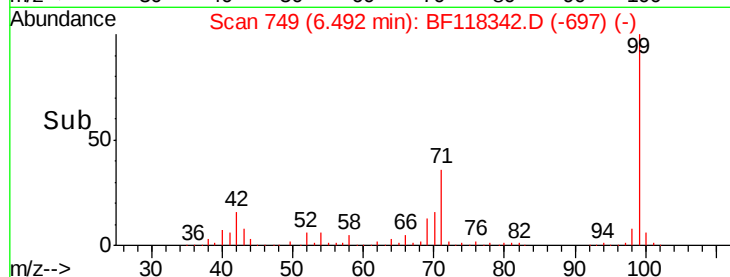
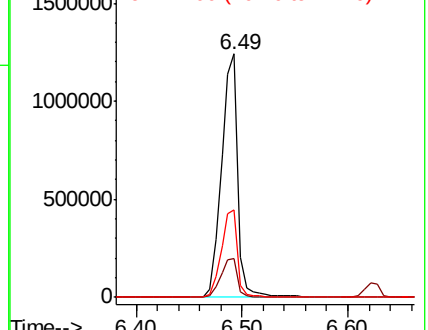


Abundance

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



#10

Phenol

Concen: 2.579 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF118342.D

Acq: 27 Dec 2019 17:14

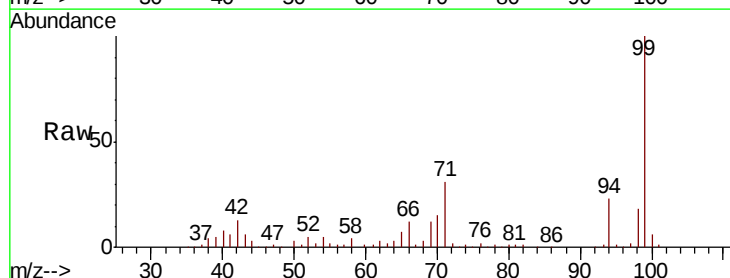
Tgt Ion: 94 Resp: 32593

Ion	Ratio	Lower	Upper
94	100		
65	33.0	7.8	47.8
66	53.2	20.4	60.4

94 100

65 33.0 7.8 47.8

66 53.2 20.4 60.4

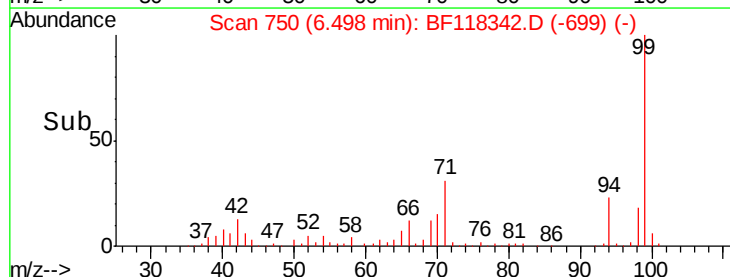
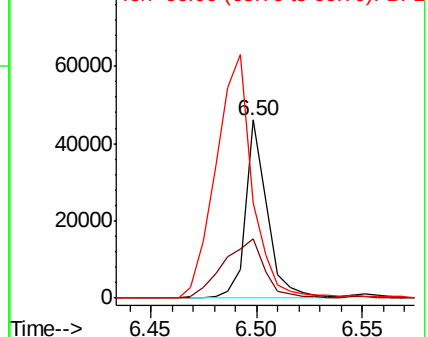


Abundance

Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

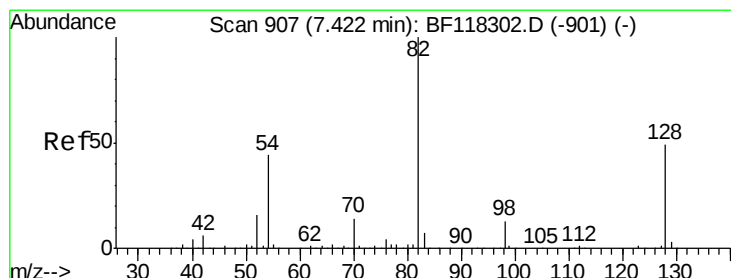
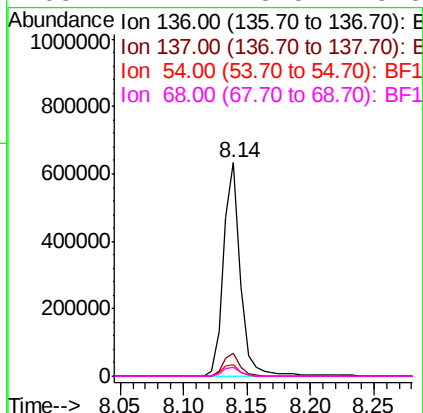
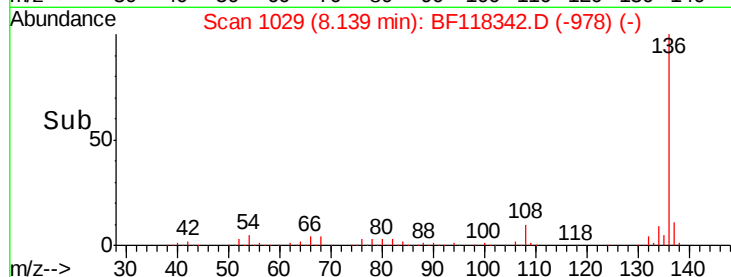
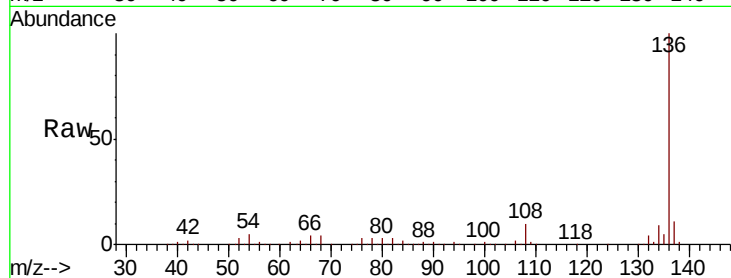




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF118342.D
Acq: 27 Dec 2019 17:14

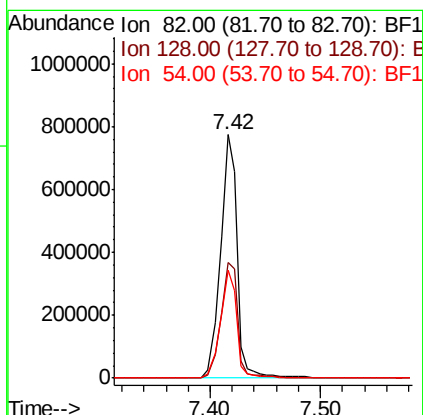
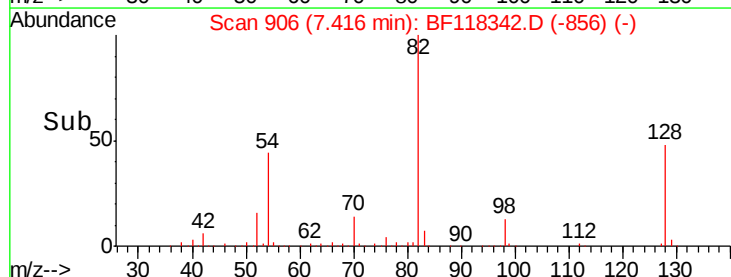
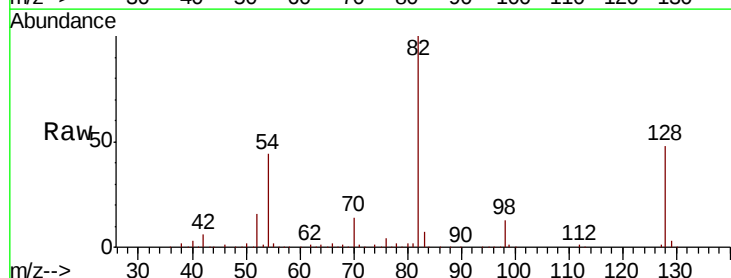
Instrument :
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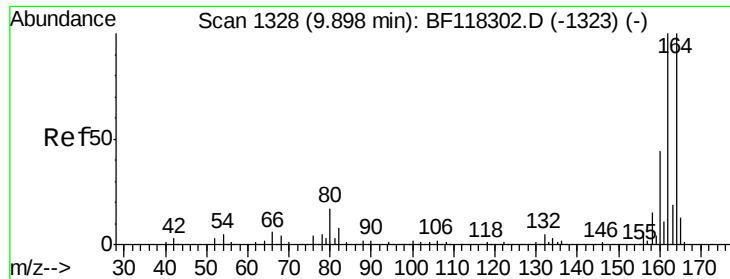
Tot Ion:	136	Resp:	592565
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	5.4	4.2	6.4
68	4.4	3.5	5.3



#23
Nitrobenzene-d5
Concen: 78.475 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF118342.D
Acq: 27 Dec 2019 17:14

Tgt Ion:	82	Resp:	813035
Ion	Ratio	Lower	Upper
82	100		
128	47.7	39.6	59.4
54	44.1	34.9	52.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1328

Delta R.T. 0.00 min

Lab File: BF118342.D

Acq: 27 Dec 2019 17:14

Instrument :

BNA_F

ClientSampleId :

SOIL-DUPLICATE

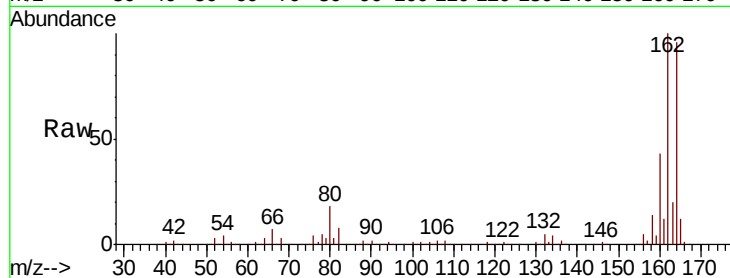
Tot Ion:164 Resp: 315364

Ion Ratio Lower Upper

164 100

162 103.9 80.0 120.0

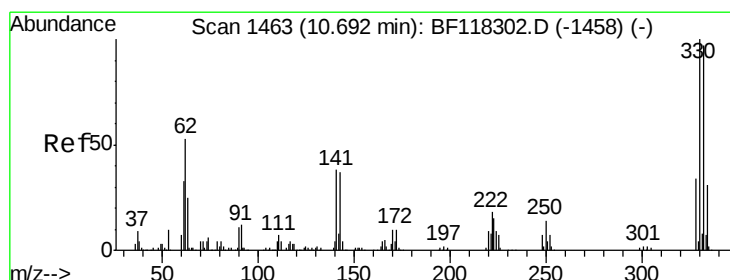
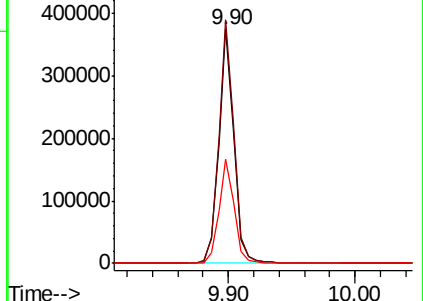
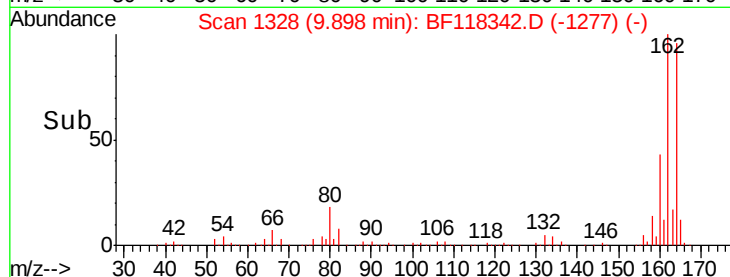
160 44.3 34.8 52.2



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: 117.341 ng

RT: 10.70 min Scan# 1464

Delta R.T. 0.01 min

Lab File: BF118342.D

Acq: 27 Dec 2019 17:14

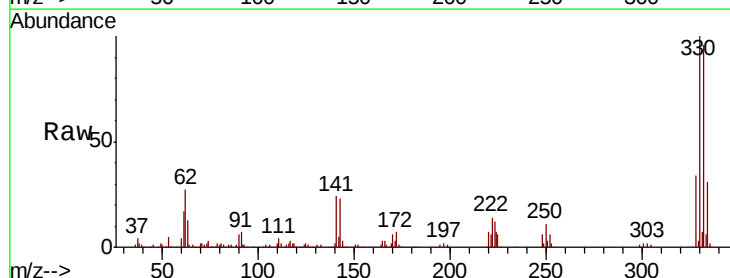
Tgt Ion:330 Resp: 456986

Ion Ratio Lower Upper

330 100

332 96.3 76.6 114.8

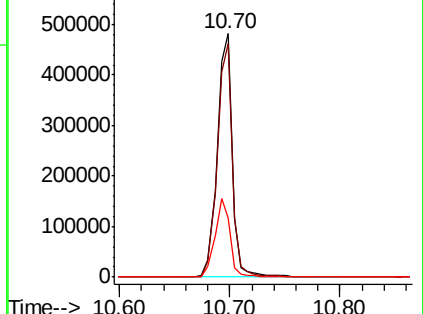
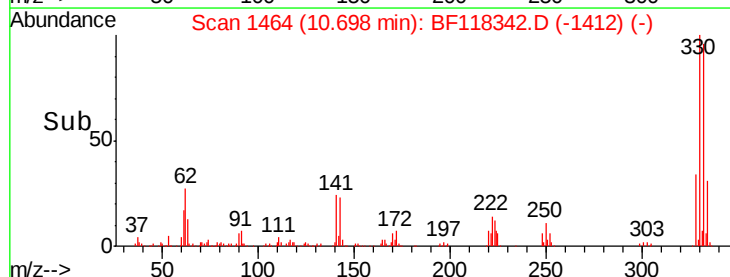
141 32.1 26.0 39.0

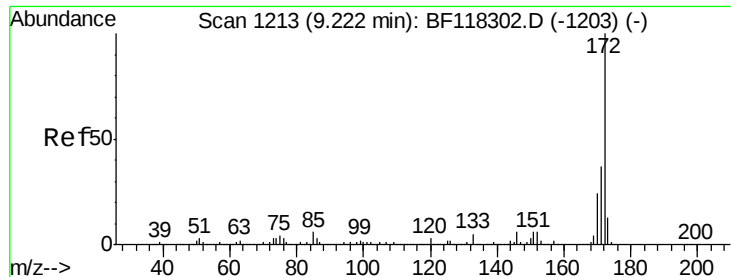


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

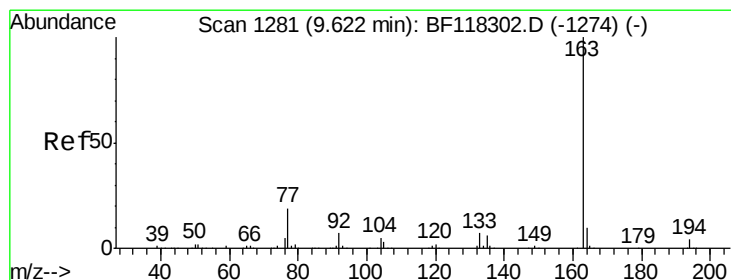
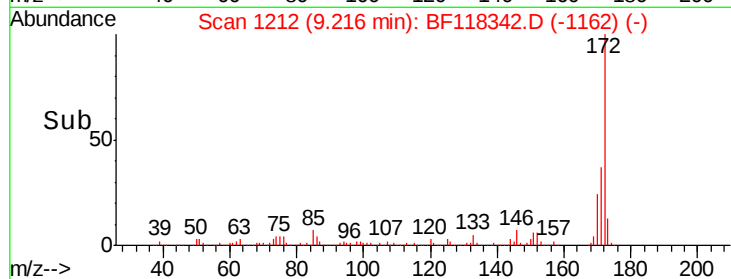
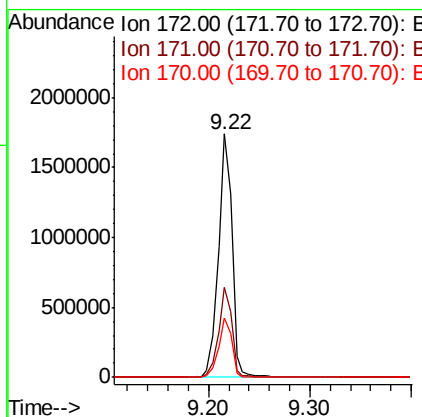
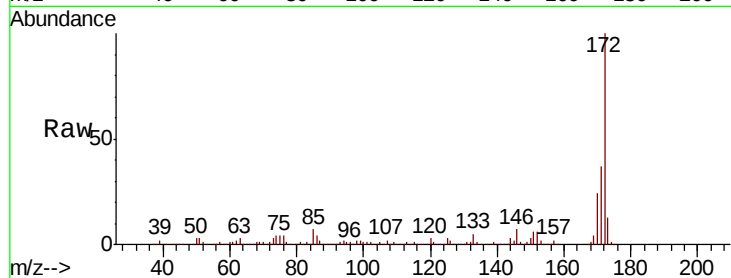




#45
2-Fluorobiphenyl
Concen: 79.097 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF118342.D
Acq: 27 Dec 2019 17:14

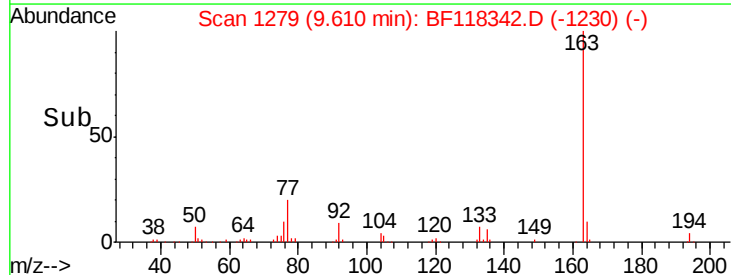
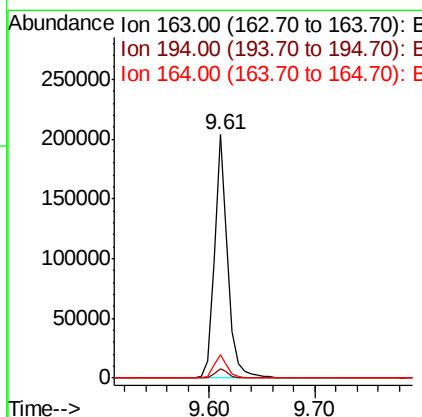
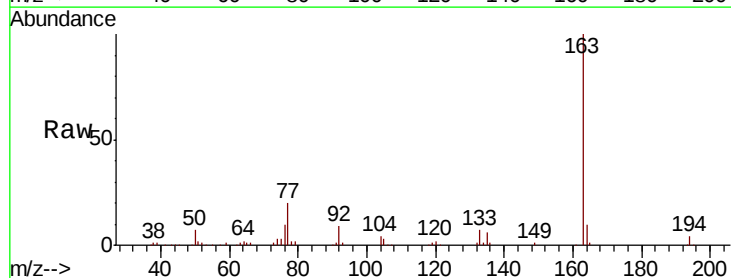
Instrument :
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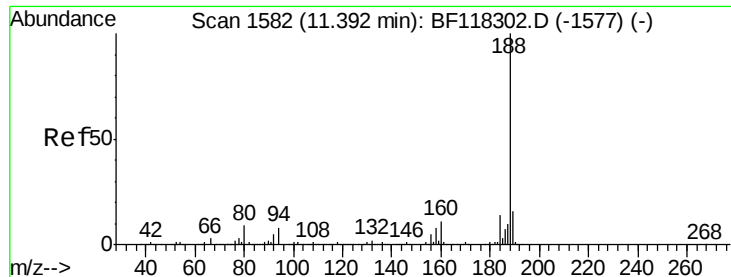
Tot Ion:172 Resp: 1634126
Ion Ratio Lower Upper
172 100
171 36.9 29.3 43.9
170 24.4 19.2 28.8



#50
Dimethylphthalate
Concen: 7.649 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF118342.D
Acq: 27 Dec 2019 17:14

Tgt Ion:163 Resp: 181059
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 9.5 7.9 11.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.39 min Scan# 1582

Delta R.T. 0.00 min

Lab File: BF118342.D

Acq: 27 Dec 2019 17:14

Instrument :

BNA_F

ClientSampleId :

SOIL-DUPLICATE

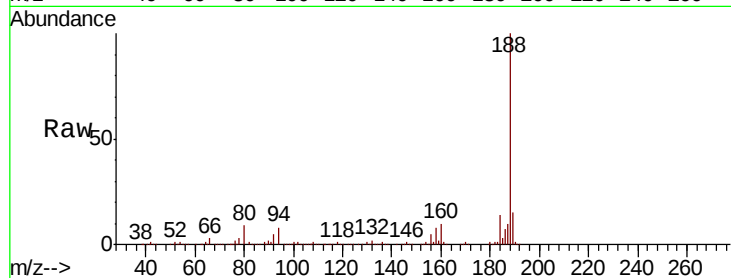
Tot Ion:188 Resp: 580104

Ion Ratio Lower Upper

188 100

94 8.5 6.7 10.1

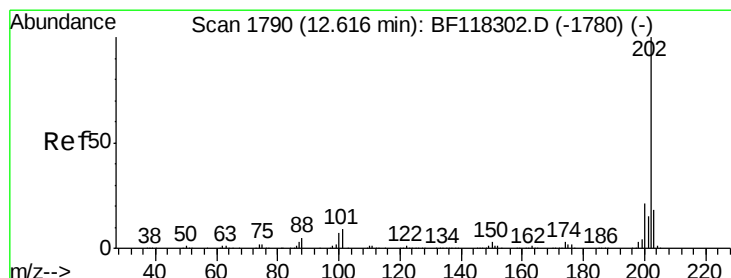
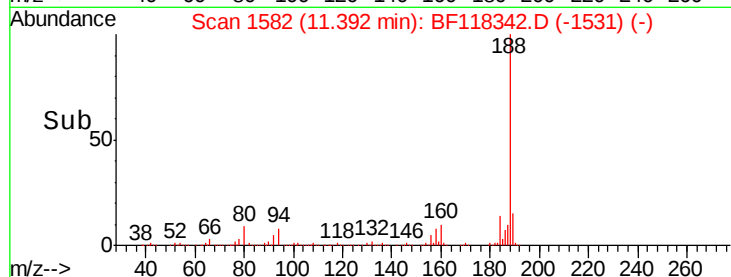
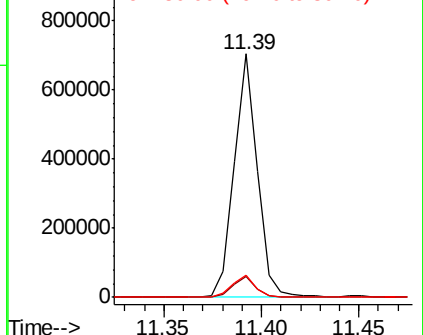
80 9.0 7.2 10.8



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



#75

Fluoranthene

Concen: 2.538 ng

RT: 12.61 min Scan# 1789

Delta R.T. -0.01 min

Lab File: BF118342.D

Acq: 27 Dec 2019 17:14

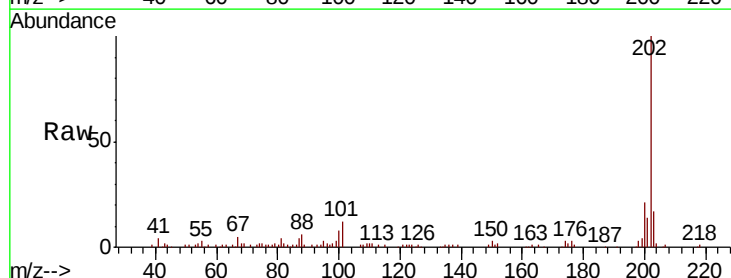
Tgt Ion:202 Resp: 81001

Ion Ratio Lower Upper

202 100

101 12.0 0.0 29.5

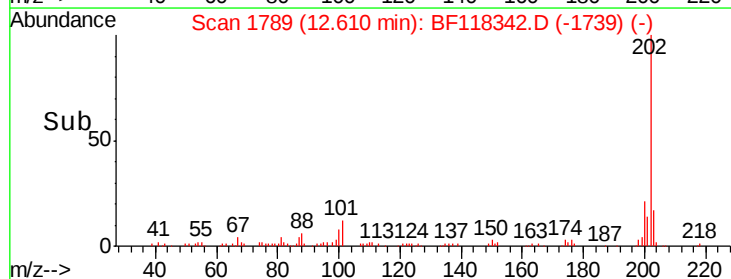
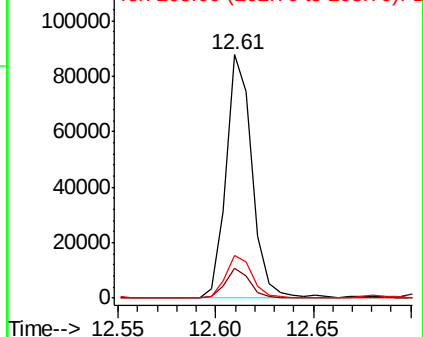
203 17.3 0.0 37.6

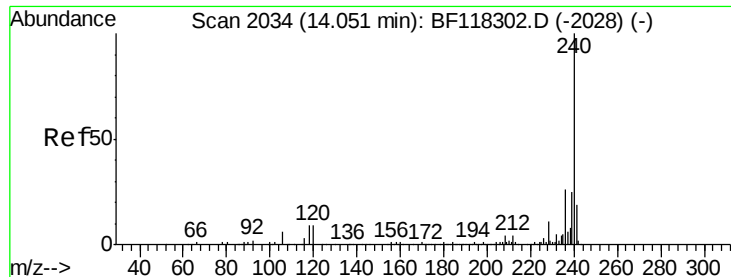


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

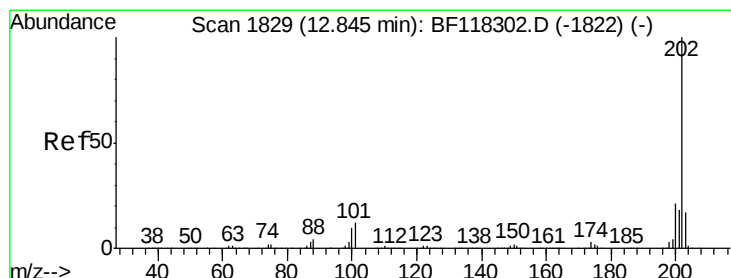
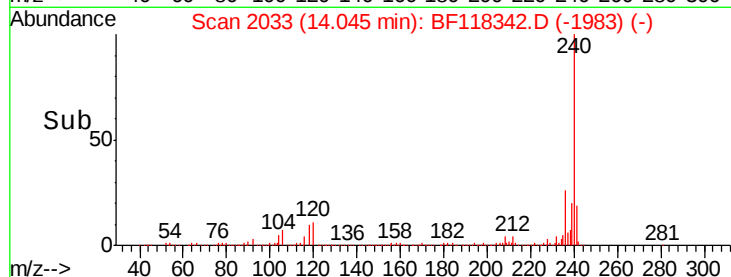
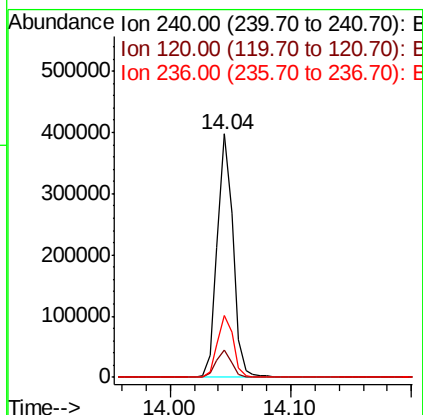
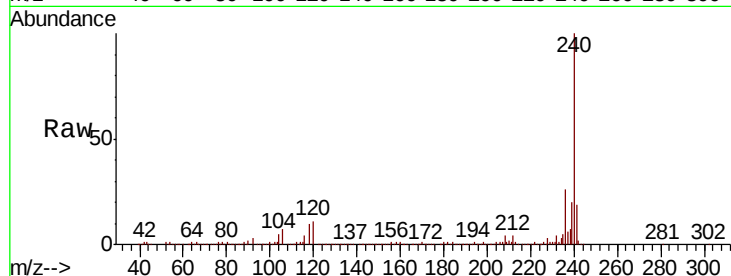




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF118342.D
Acq: 27 Dec 2019 17:14

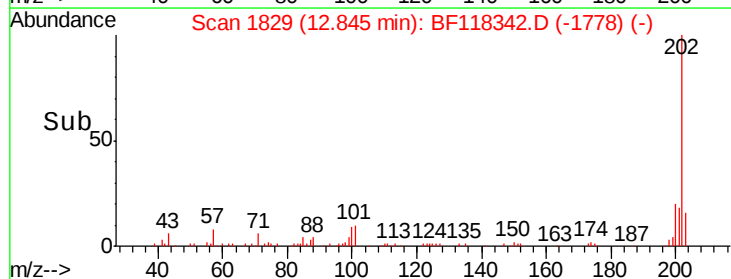
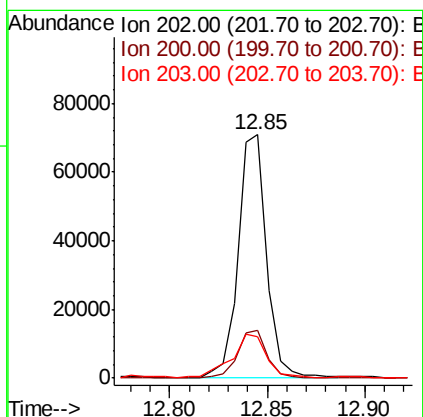
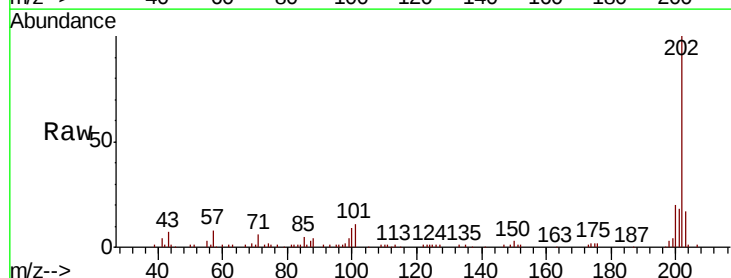
Instrument :
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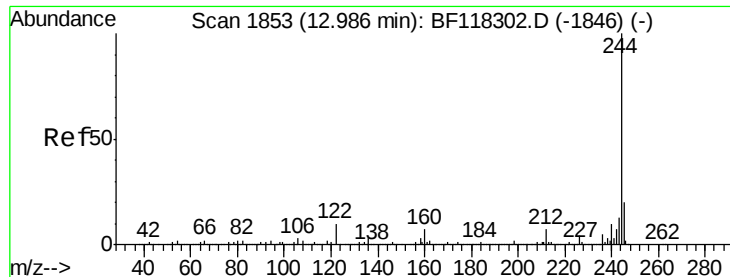
Tot Ion:240 Resp: 354898
Ion Ratio Lower Upper
240 100
120 11.3 7.1 10.7#
236 25.5 21.0 31.6



#78
Pyrene
Concen: 2.464 ng
RT: 12.85 min Scan# 1829
Delta R.T. 0.00 min
Lab File: BF118342.D
Acq: 27 Dec 2019 17:14

Tgt Ion:202 Resp: 71404
Ion Ratio Lower Upper
202 100
200 19.6 16.8 25.2
203 16.9 13.9 20.9





#79

Terphenyl-d14

Concen: 80.975 ng

RT: 12.99 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BF118342.D

Acq: 27 Dec 2019 17:14

Instrument :

BNA_F

ClientSampleId :

SOIL-DUPLICATE

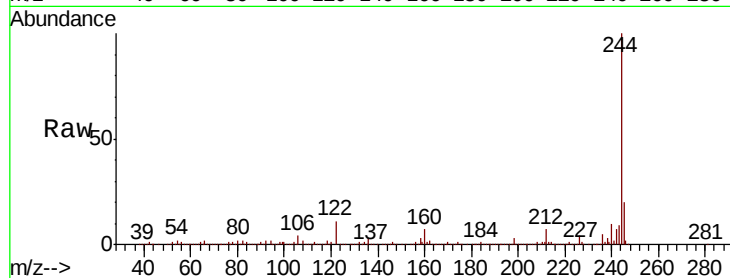
Tot Ion:244 Resp: 1732209

Ion Ratio Lower Upper

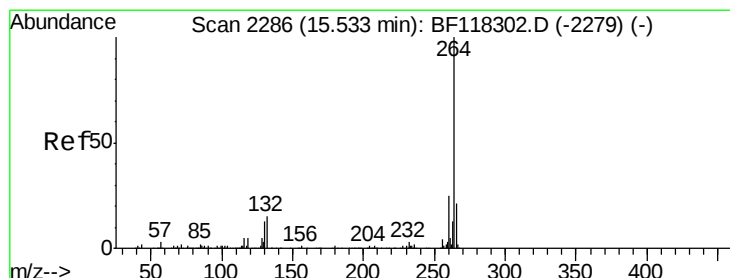
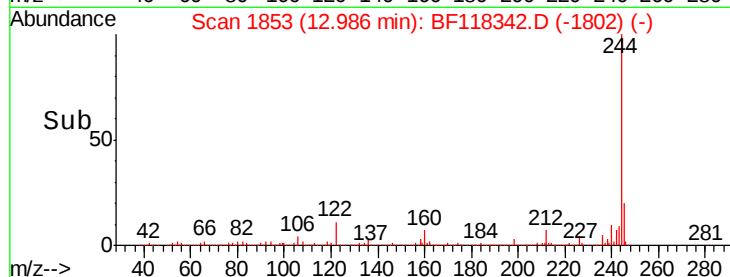
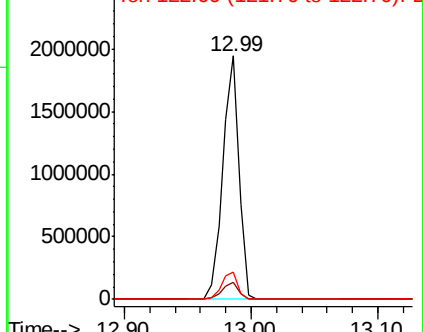
244 100

212 7.1 5.4 8.2

122 11.3 7.8 11.8



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: 15.53 min Scan# 2286

Delta R.T. 0.00 min

Lab File: BF118342.D

Acq: 27 Dec 2019 17:14

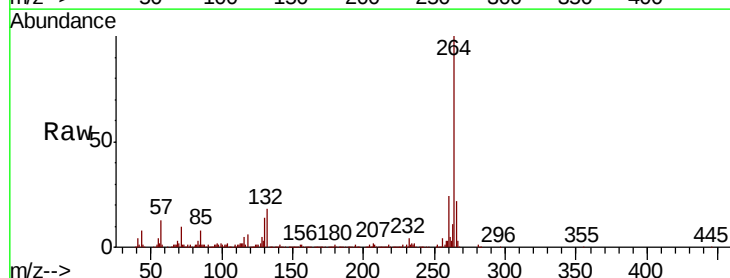
Tgt Ion:264 Resp: 360937

Ion Ratio Lower Upper

264 100

260 23.6 19.8 29.6

265 22.4 17.0 25.4



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

