

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP112719\
 Data File : BP001113.D
 Acq On : 28 Nov 2019 07:47
 Operator : JU
 Sample : K6010-01
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CALVSOIL1-20191121

Quant Time: Nov 29 03:03:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 27 17:38:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	135050	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	504912	20.00	ng	0.00
39) Acenaphthene-d10	13.22	164	283695	20.00	ng	-0.01
64) Phenanthrene-d10	15.62	188	555157	20.00	ng	0.00
76) Chrysene-d12	19.26	240	437967	20.00	ng	-0.01
87) Perylene-d12	21.04	264	466463	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.24	112	1161218	142.65	ng	0.01
7) Phenol-d6	7.78	99	1470104	135.56	ng	0.00
23) Nitrobenzene-d5	9.21	82	1089579	93.62	ng	0.00
42) 2,4,6-Tribromophenol	14.52	330	407219	149.76	ng	0.00
45) 2-Fluorobiphenyl	12.15	172	1801309	92.93	ng	0.00
79) Terphenyl-d14	17.91	244	2252135	95.14	ng	0.00

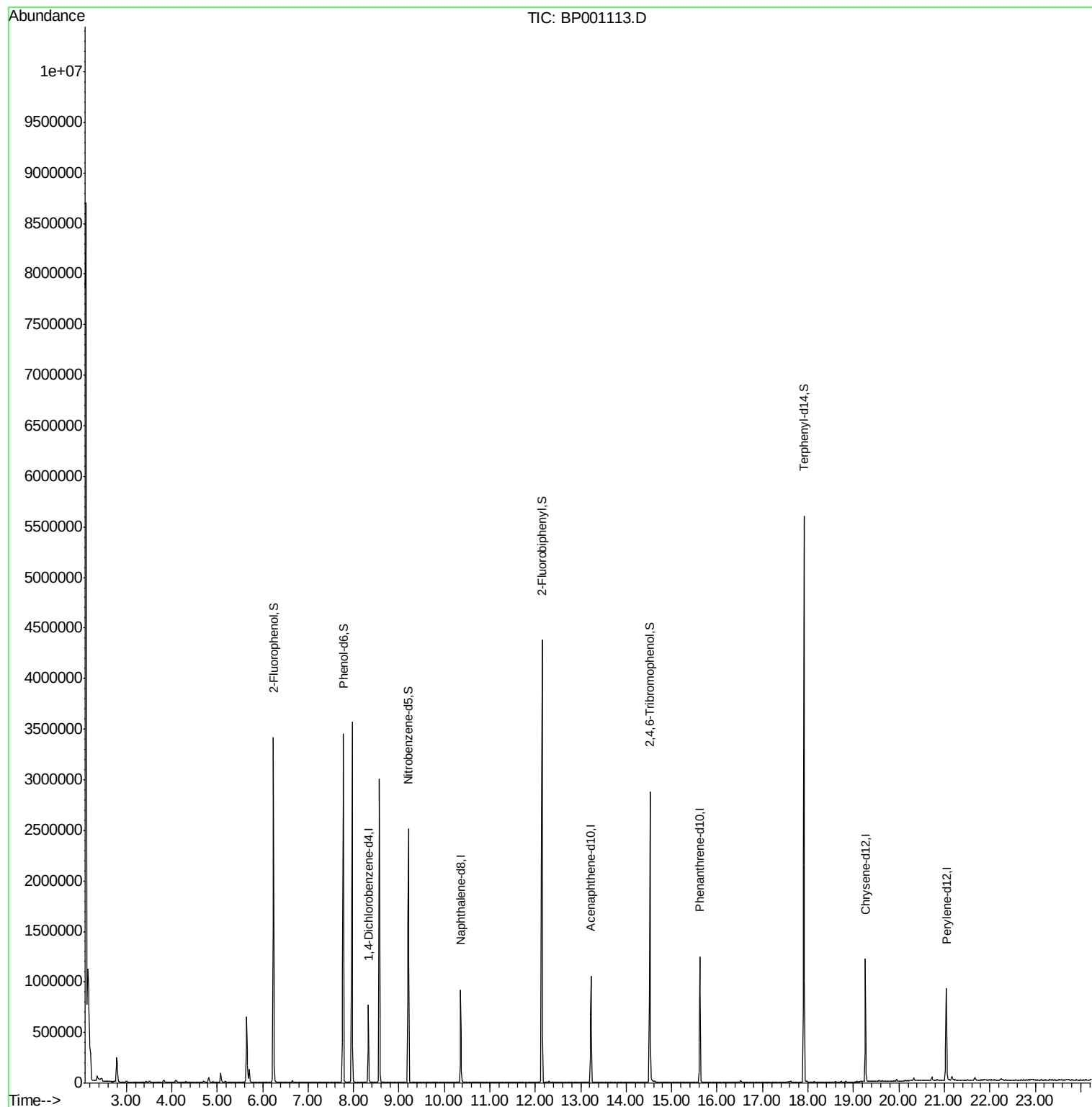
Target Compounds Qvalue

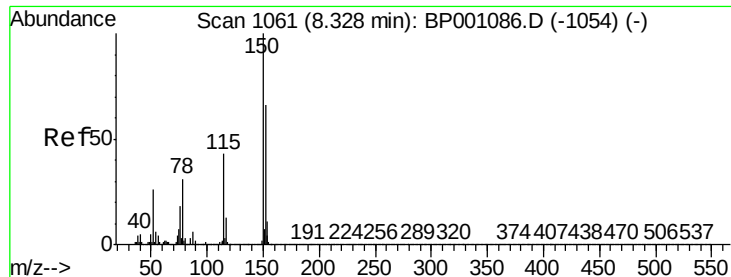
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.33 min Scan# 1061

Delta R.T. 0.00 min

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BNA_P

ClientSampleId :

CALVSOIL1-20191121

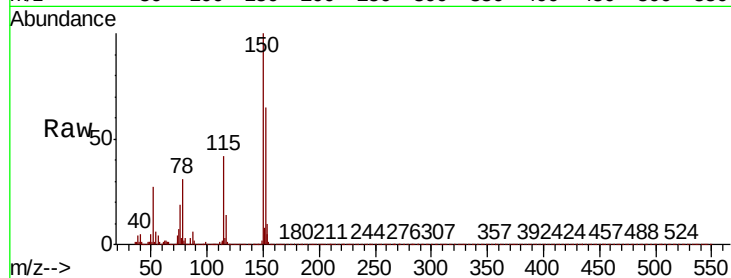
Tot Ion:152 Resp: 135050

Ion Ratio Lower Upper

152 100

150 153.9 120.6 181.0

115 64.4 51.6 77.4

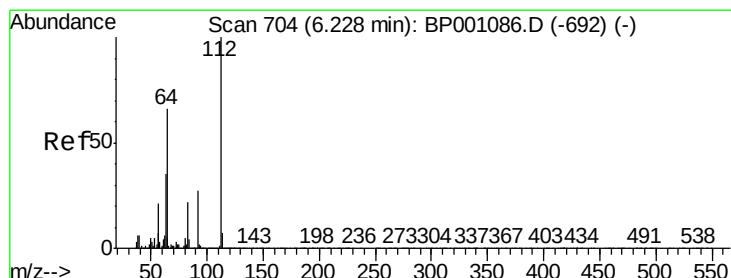
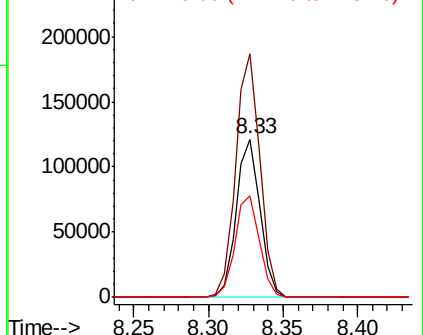
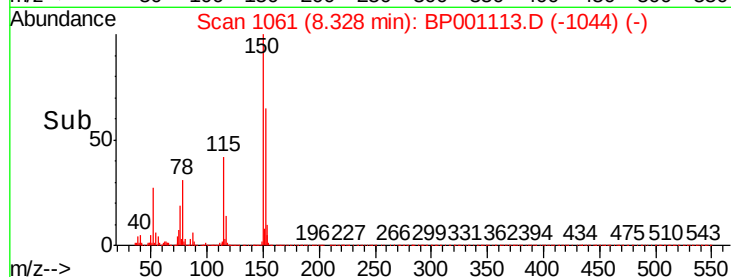


Abundance

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: 142.655 ng

RT: 6.24 min Scan# 706

Delta R.T. 0.01 min

Lab File: BP001113.D

Acq: 28 Nov 2019 07:47

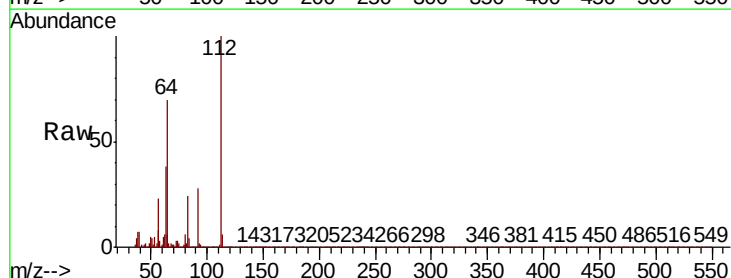
Tgt Ion:112 Resp: 1161218

Ion Ratio Lower Upper

112 100

64 70.0 52.8 79.2

63 37.9 28.2 42.2

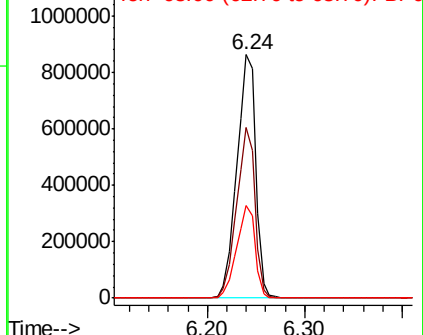
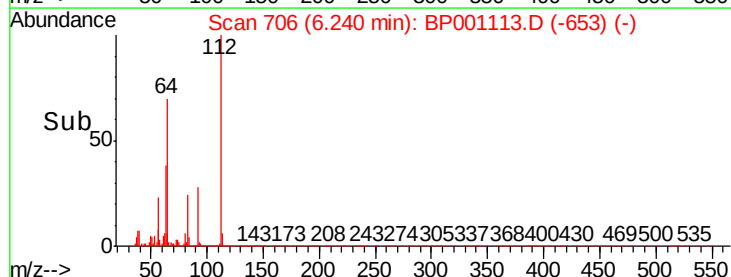


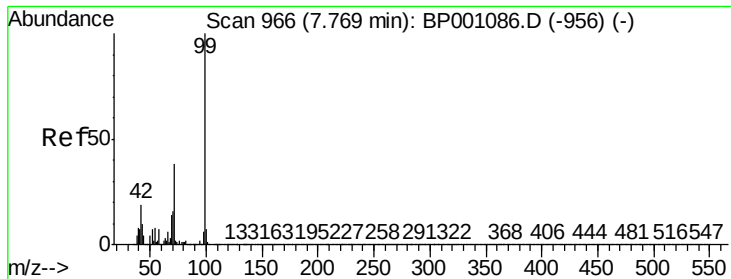
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 135.562 ng

RT: 7.78 min Scan# 967

Delta R.T. 0.01 min

Lab File: BP001113.D

Acq: 28 Nov 2019 07:47

Instrument :

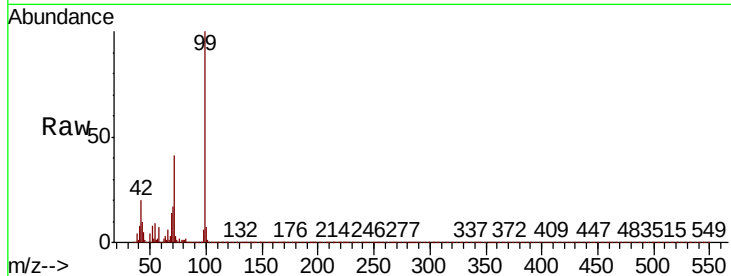
BNA_P

ClientSampleId :

CALVSOIL1-20191121

Tot Ion: 99 Resp: 1470104

Ion	Ratio	Lower	Upper
99	100		
42	20.1	15.4	23.0
71	40.8	30.8	46.2



Abundance

Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0

1500000

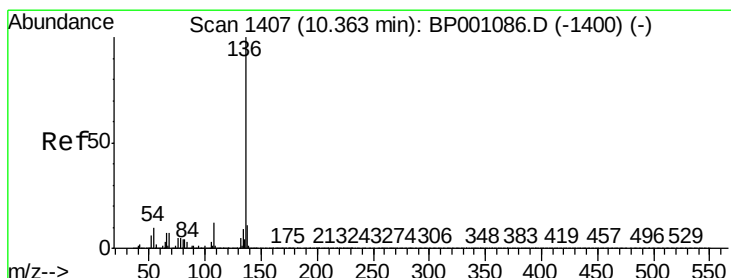
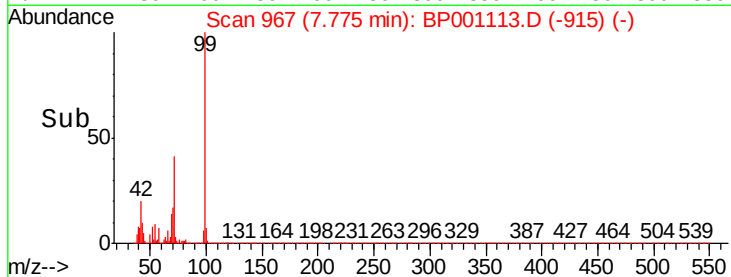
1000000

500000

0

7.70 7.80 7.90

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.36 min Scan# 1406

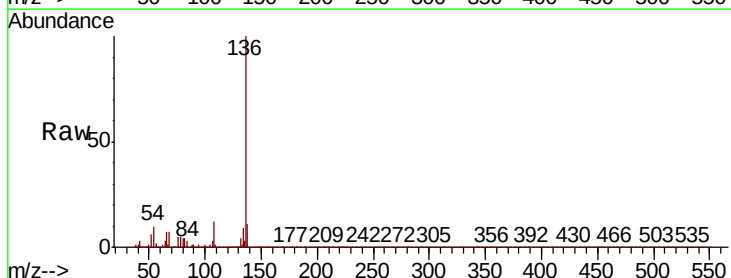
Delta R.T. -0.01 min

Lab File: BP001113.D

Acq: 28 Nov 2019 07:47

Tgt Ion: 136 Resp: 504912

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	10.3	7.9	11.9
68	6.9	5.6	8.4



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): BP0

Ion 68.00 (67.70 to 68.70): BP0

600000

500000

400000

300000

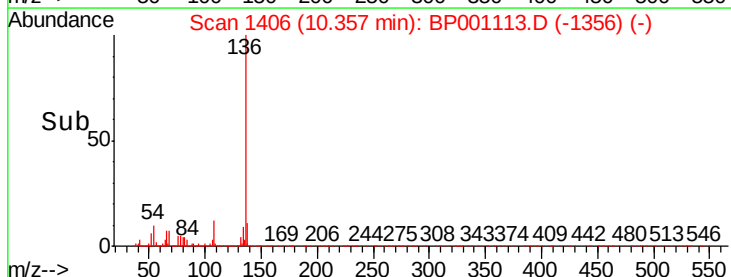
200000

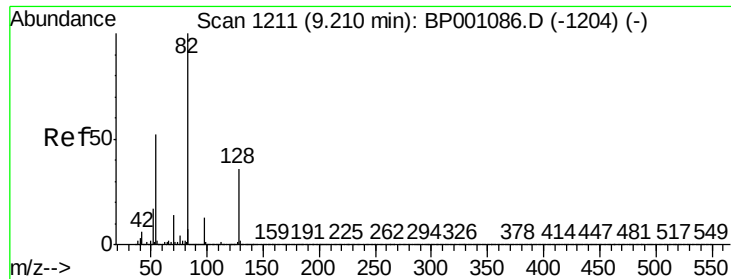
100000

0

10.30 10.40

Time-->

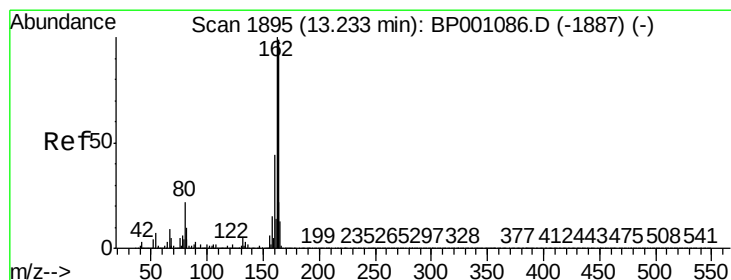
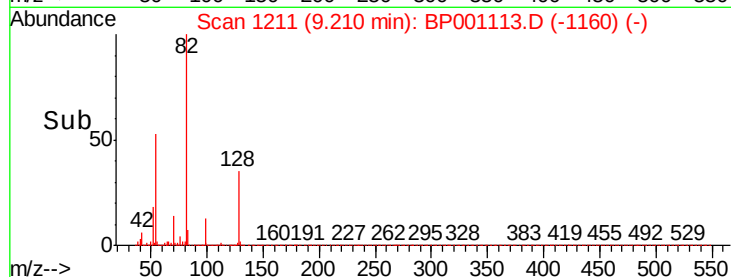
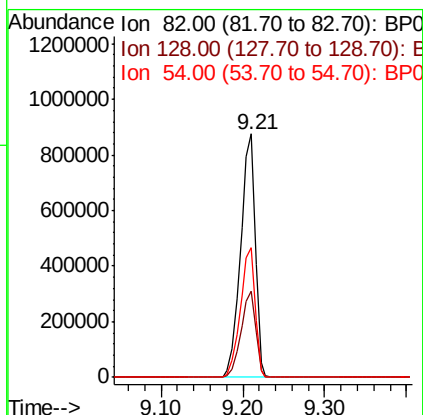
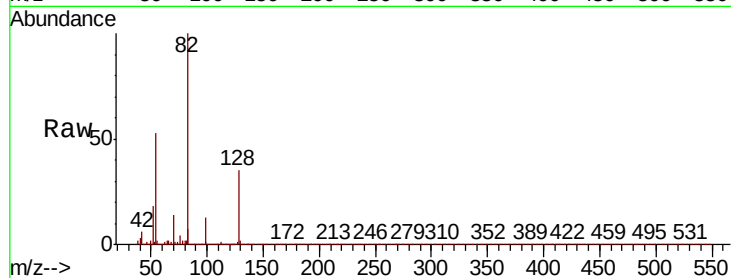




#23
 Nitrobenzene-d5
 Concen: 93.625 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BP001113.D
 Acq: 28 Nov 2019 07:47

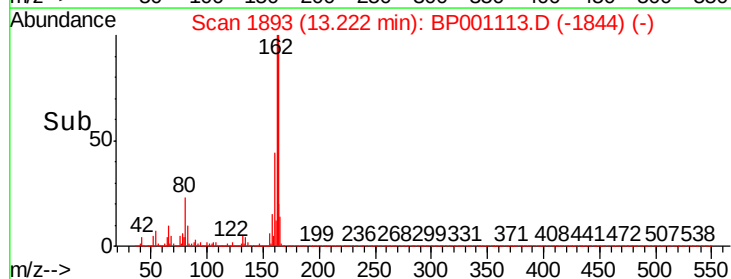
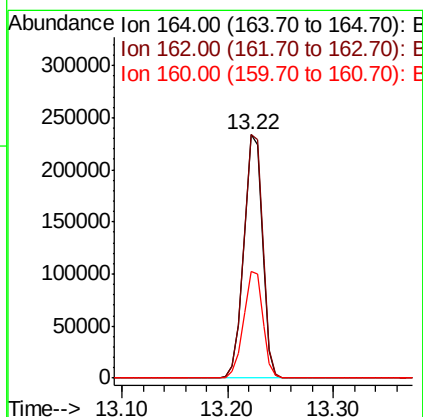
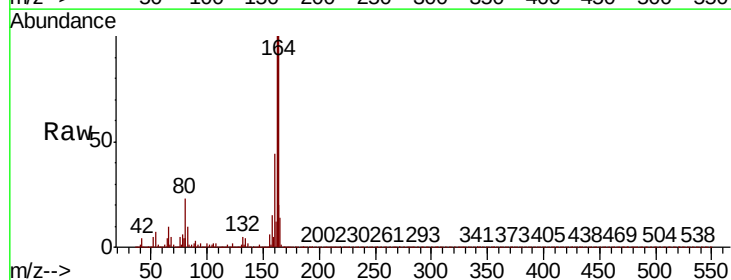
Instrument :
 BNA_P
 ClientSampleId :
 CALVSOIL1-20191121

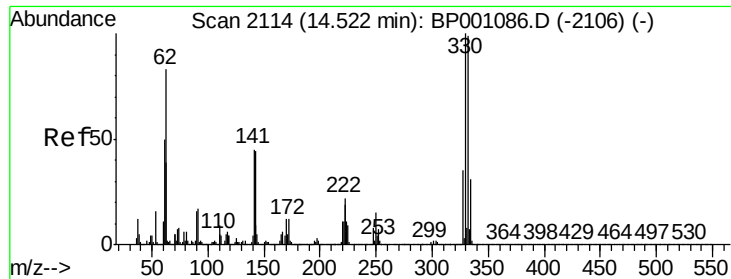
Tot Ion: 82 Resp: 1089579
 Ion Ratio Lower Upper
 82 100
 128 35.3 28.9 43.3
 54 53.2 41.9 62.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.22 min Scan# 1893
 Delta R.T. -0.01 min
 Lab File: BP001113.D
 Acq: 28 Nov 2019 07:47

Tgt Ion: 164 Resp: 283695
 Ion Ratio Lower Upper
 164 100
 162 100.1 80.6 120.8
 160 43.7 35.4 53.2

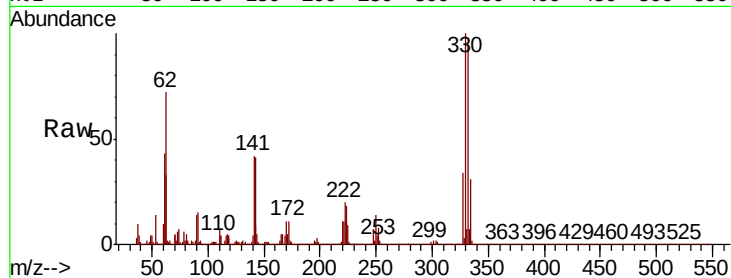




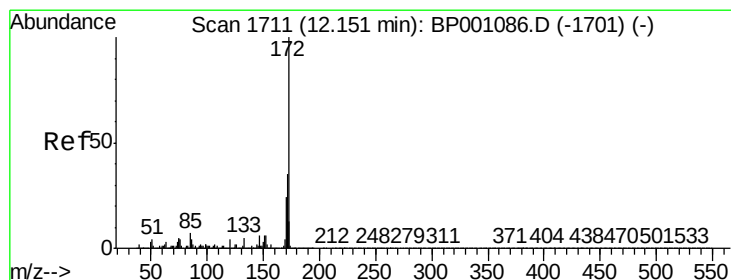
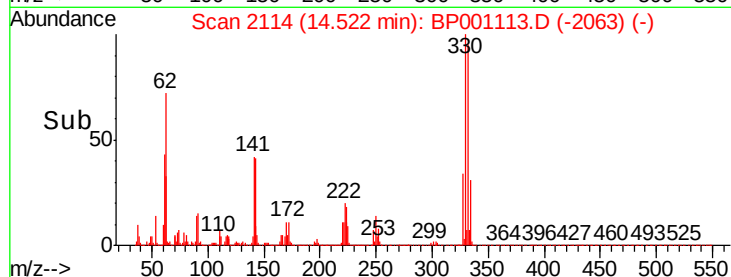
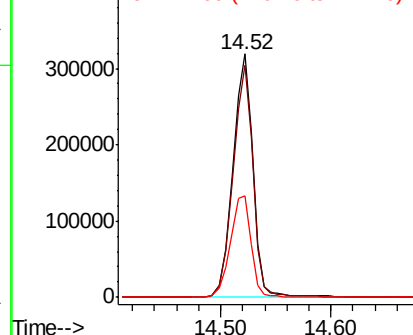
#42
2,4,6-Tribromophenol
Concen: 149.756 ng
RT: 14.52 min Scan# 2114
Delta R.T. 0.00 min
Lab File: BP001113.D
Acq: 28 Nov 2019 07:47

Instrument :
BNA_P
ClientSampleId :
CALVSOIL1-20191121

Tot Ion:330 Resp: 407219
Ion Ratio Lower Upper
330 100
332 95.3 77.6 116.4
141 43.8 34.2 51.2

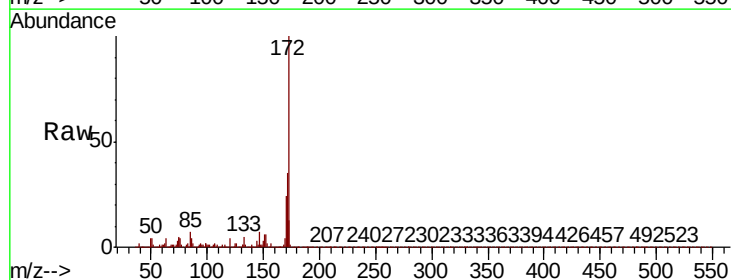


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

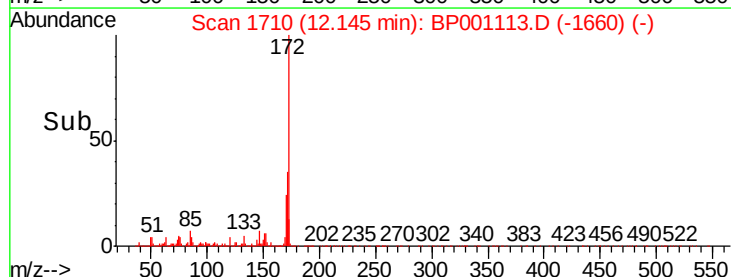
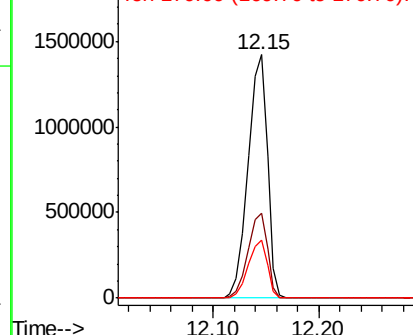


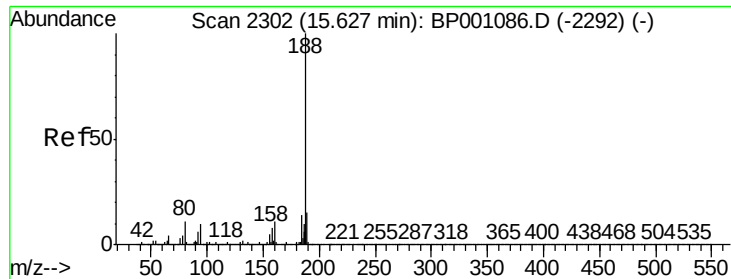
#45
2-Fluorobiphenyl
Concen: 92.929 ng
RT: 12.15 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BP001113.D
Acq: 28 Nov 2019 07:47

Tgt Ion:172 Resp: 1801309
Ion Ratio Lower Upper
172 100
171 34.8 27.9 41.9
170 23.6 19.0 28.4



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: 15.62 min Scan# 2301

Delta R.T. -0.01 min

Lab File: BP001113.D

Acq: 28 Nov 2019 07:47

Instrument :

BNA_P

ClientSampleId :

CALVSOIL1-20191121

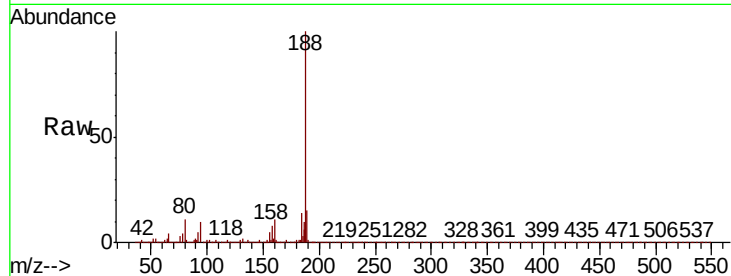
Tot Ion:188 Resp: 555157

Ion Ratio Lower Upper

188 100

94 10.2 7.9 11.9

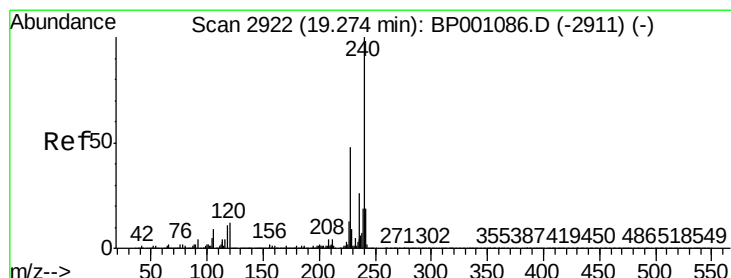
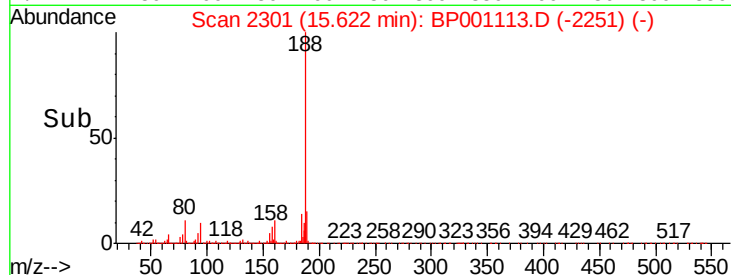
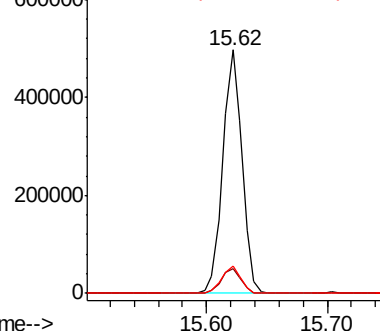
80 11.0 8.8 13.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 19.26 min Scan# 2920

Delta R.T. -0.01 min

Lab File: BP001113.D

Acq: 28 Nov 2019 07:47

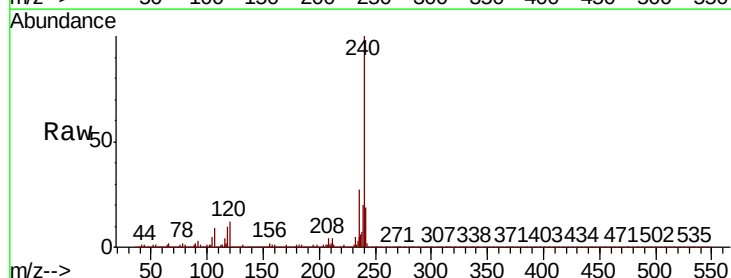
Tgt Ion:240 Resp: 437967

Ion Ratio Lower Upper

240 100

120 11.5 9.5 14.3

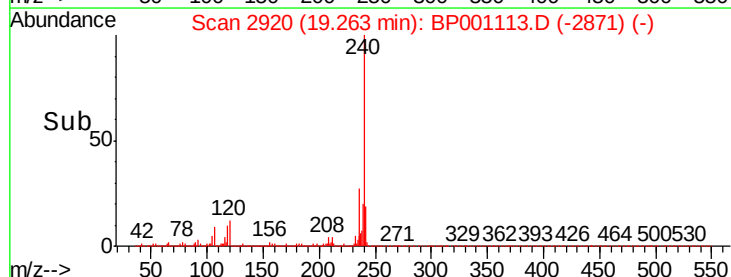
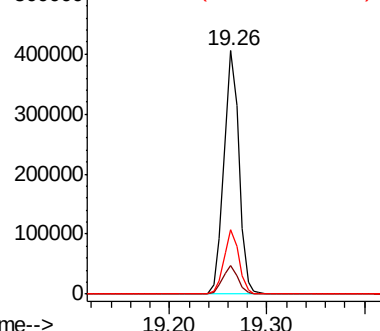
236 26.6 20.4 30.6

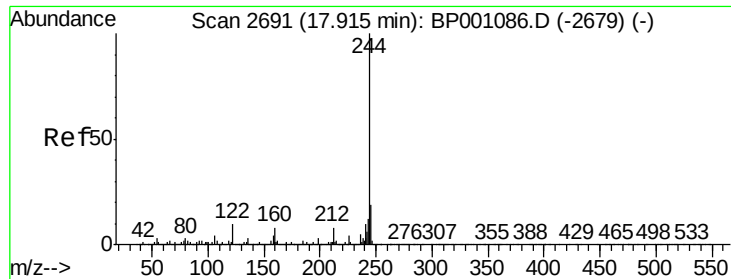


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

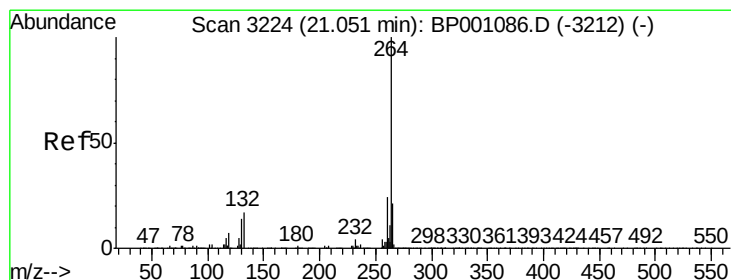
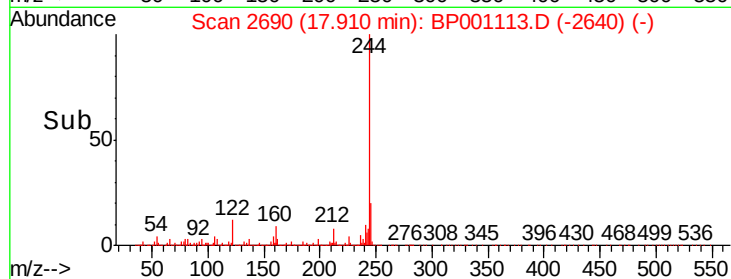
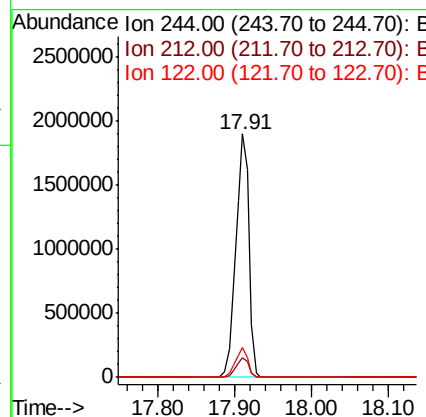
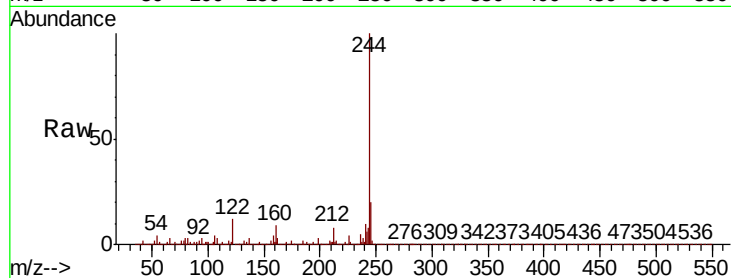




#79
 Terphenyl-d14
 Concen: 95.136 ng
 RT: 17.91 min Scan# 2690
 Delta R.T. -0.01 min
 Lab File: BP001113.D
 Acq: 28 Nov 2019 07:47

Instrument :
 BNA_P
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 CALVSOIL1-20191121

Tot Ion:244 Resp: 2252135
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.2 9.2
 122 12.2 8.2 12.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 21.04 min Scan# 3223
 Delta R.T. -0.01 min
 Lab File: BP001113.D
 Acq: 28 Nov 2019 07:47

Tgt Ion:264 Resp: 466463
 Ion Ratio Lower Upper
 264 100
 260 24.7 18.8 28.2
 265 21.0 16.9 25.3

