

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 02:42:33 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

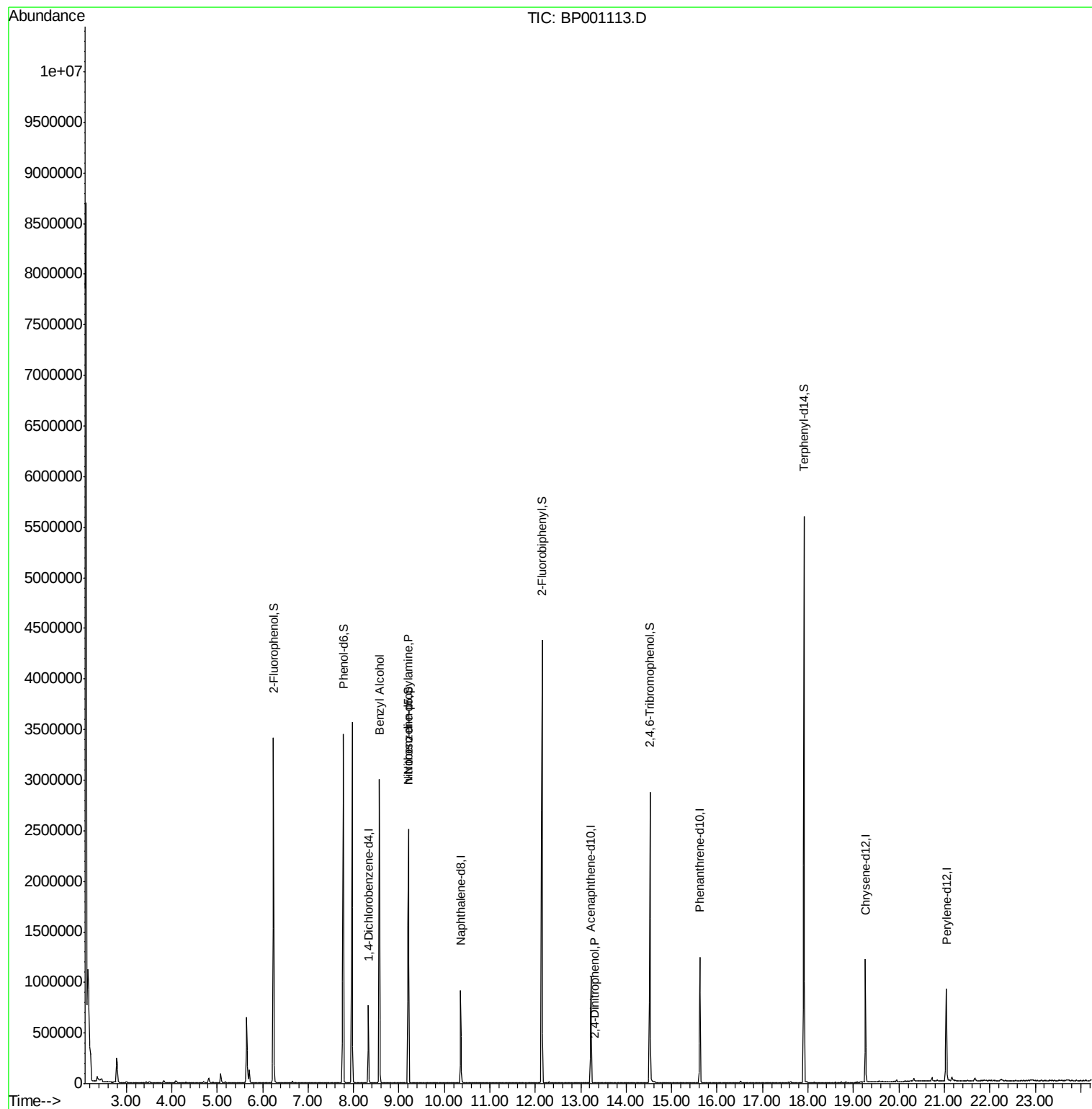
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	135050	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	504912	20.00	ng	0.00
39) Acenaphthene-d10	13.22	164	283695	20.00	ng	-0.01
64) Phenanthrene-d10	15.62	188	555157	20.00	ng	0.00
76) Chrysene-d12	19.26	240	437967	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						
9) Benzaldehyde	7.61	77	93	Below Cal	#	1
15) Benzyl Alcohol	8.57	79	19643	2.207 ng	#	51
19) n-Nitroso-di-n-propylamine	9.21	70	150654	19.252 ng	#	80
54) 2,4-Dinitrophenol	13.32	184	18	7.118 ng	#	59

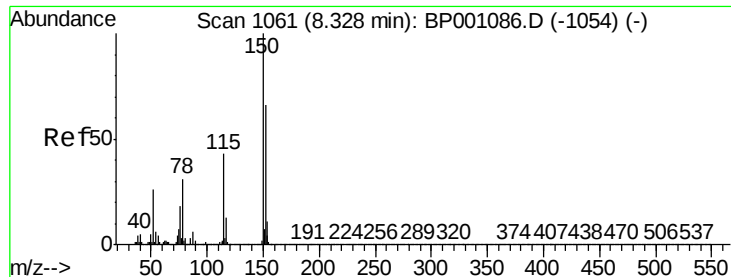
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

Lab File: BP001113.D

Acq: 28 Nov 2019 07:47

Instrument :

BNA_P

ClientSampleId :

CALVSOIL1-20191121

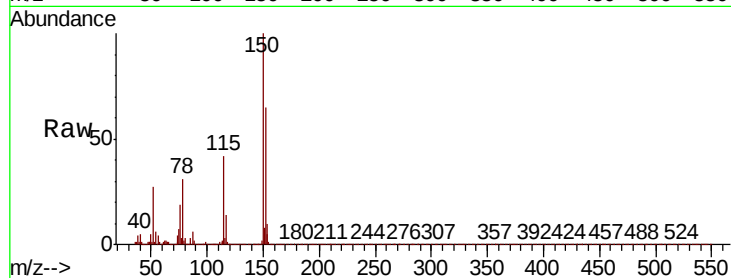
Tot Ion:152 Resp: 135050

Ion Ratio Lower Upper

152 100

150 153.9 120.6 181.0

115 64.4 51.6 77.4

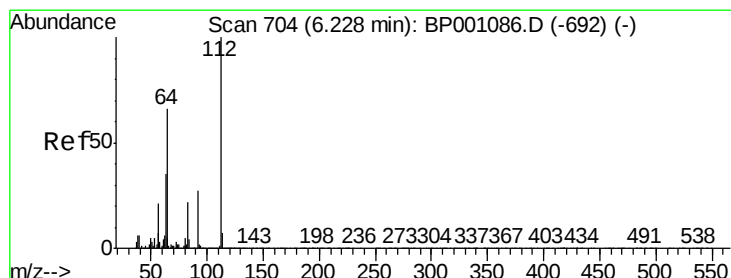
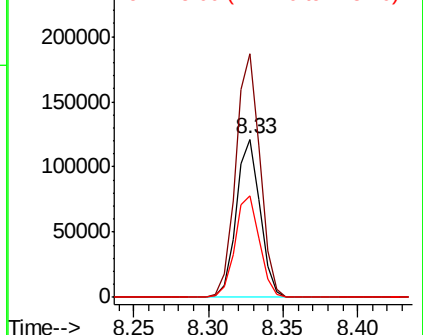
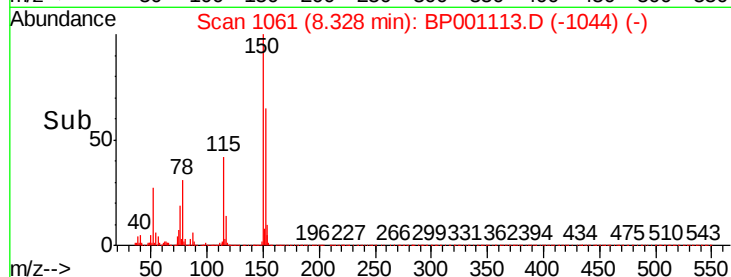


Abundance

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

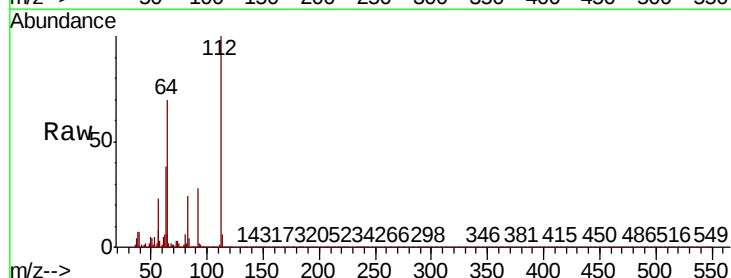
Tgt Ion:112 Resp: 1161218

Ion Ratio Lower Upper

112 100

64 70.0 52.8 79.2

63 37.9 28.2 42.2

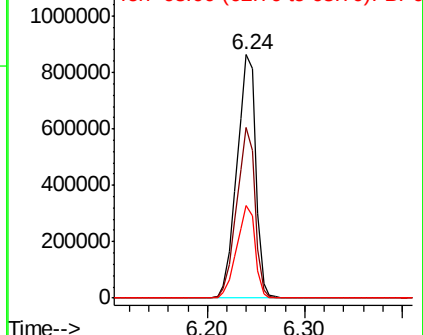
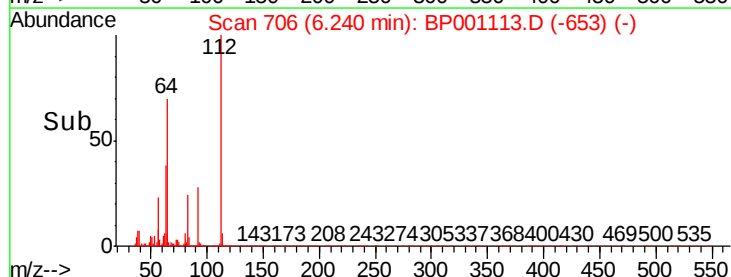


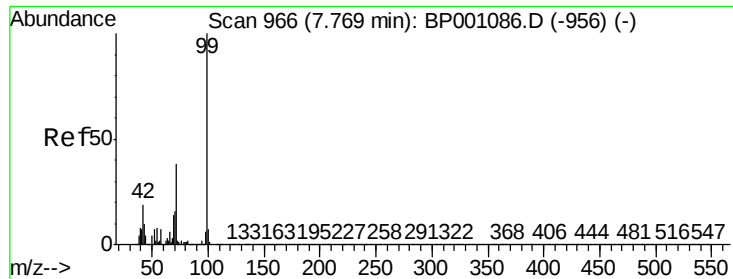
Abundance

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 :

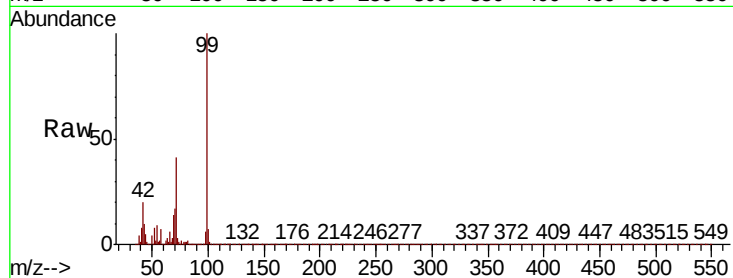
BNA_P

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

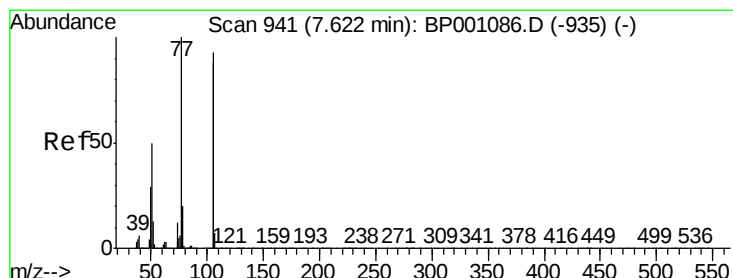
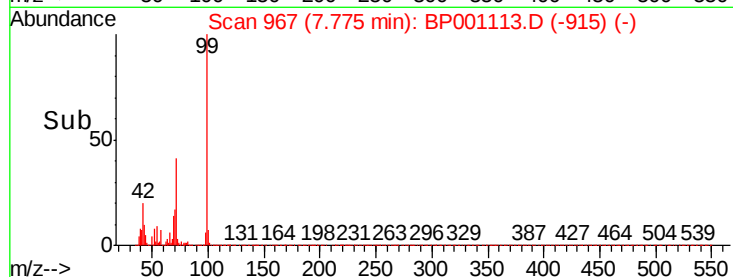
500000

0

7.78

7.70 7.80 7.90

Time-->



#9

Benzaldehyde

Concen: Below Cal

RT: 7.61 min Scan# 939

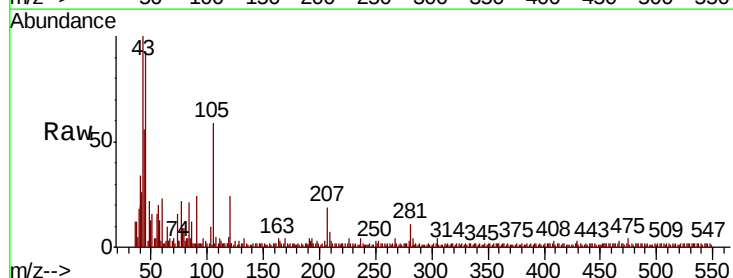
Delta R.T. -0.01 min

Lab File: BP001113.D

Acq: 28 Nov 2019 07:47

Tgt Ion: 77 Resp: 93

Ion	Ratio	Lower	Upper
77	100		
105	263.8	72.5	112.5#
106	11.0	67.6	107.6#



Abundance

Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

400

300

200

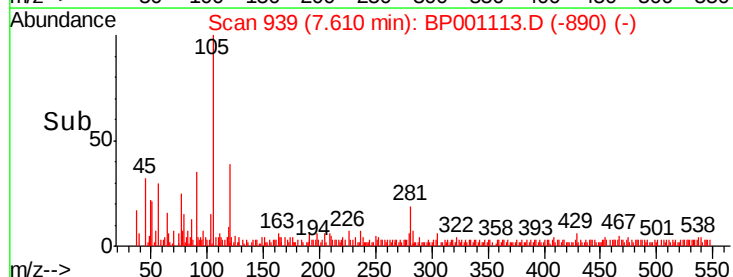
100

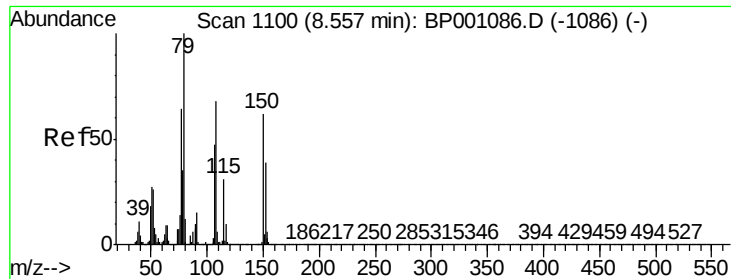
0

7.61

7.56 7.58 7.60 7.62

Time-->





#15

Benzyl Alcohol

Concen: 2.207 ng

RT: 8.57 min Scan# 1102

Delta R.T. 0.01 min

Lab File: BP001113.D

Acq: 28 Nov 2019 07:47

Instrument :

BNA_P

ClientSampleId :

CALVSOIL1-20191121

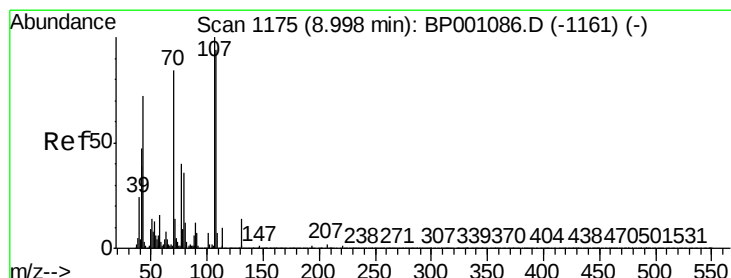
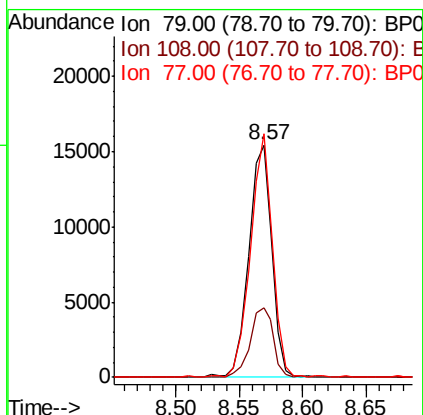
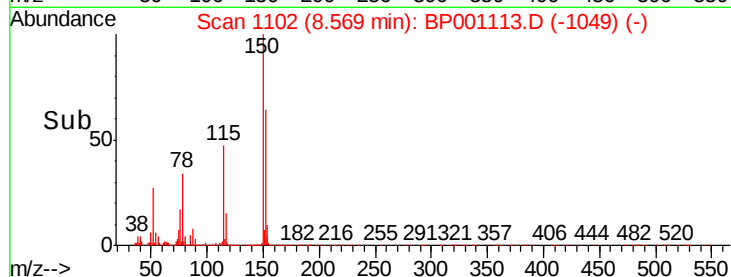
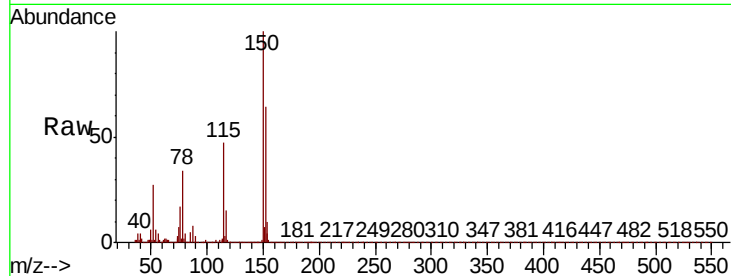
Tot Ion: 79 Resp: 19643

Ion Ratio Lower Upper

79 100

108 30.1 54.8 82.2#

77 104.8 51.4 77.2#



#19

n-Nitroso-di-n-propylamine

Concen: 19.252 ng

RT: 9.21 min Scan# 1211

Delta R.T. 0.21 min

Lab File: BP001113.D

Acq: 28 Nov 2019 07:47

Tgt Ion: 70 Resp: 150654

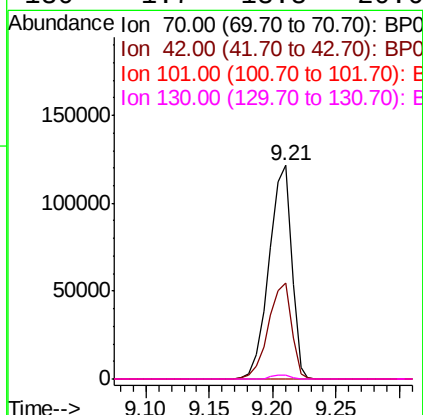
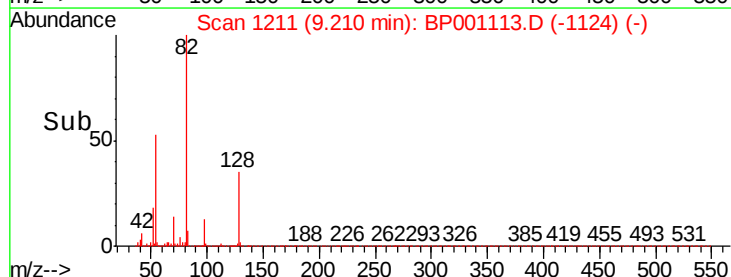
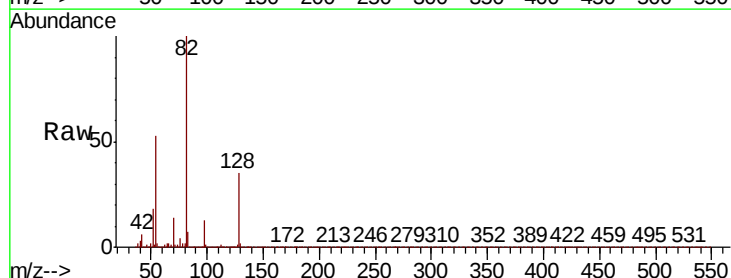
Ion Ratio Lower Upper

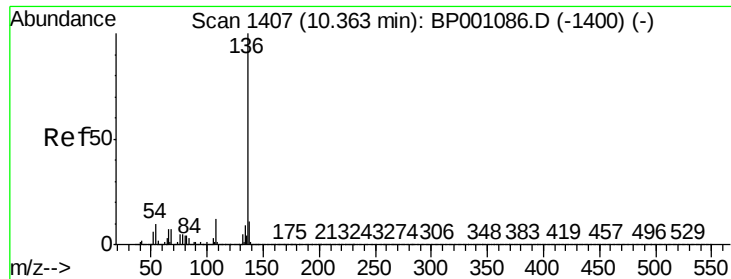
70 100

42 44.8 44.6 66.8

101 0.1 7.1 10.7#

130 1.7 13.8 20.6#

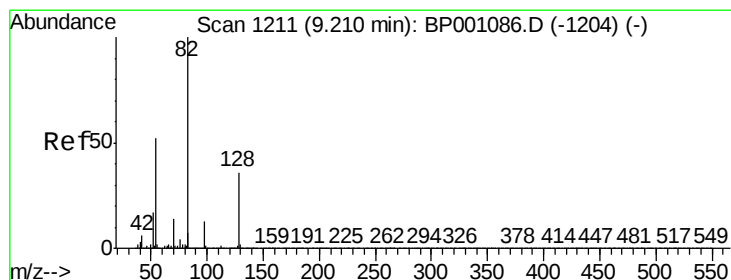
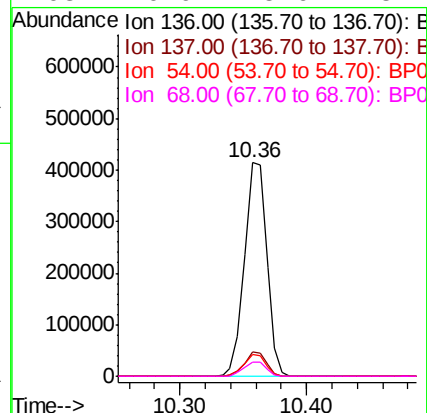
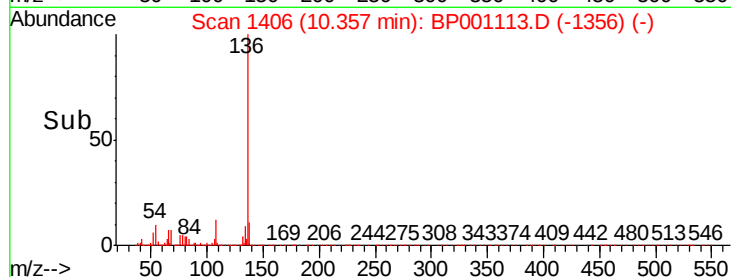
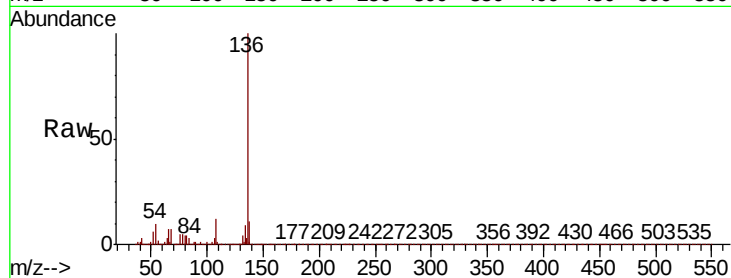




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.36 min Scan# 1406
Delta R.T. -0.01 min
Lab File: BP001113.D
Acq: 28 Nov 2019 07:47

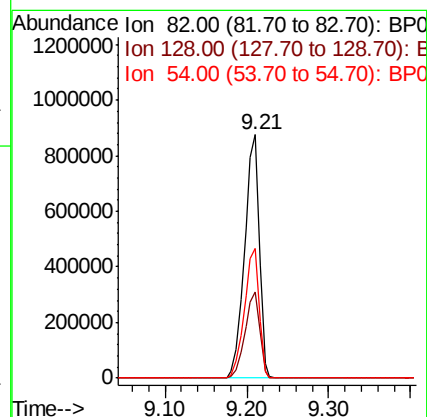
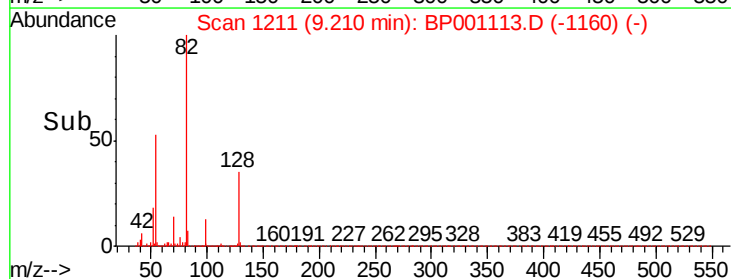
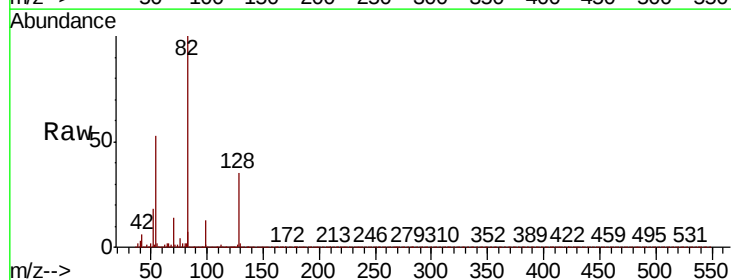
Instrument :
BNA_P
ClientSampleId :
CALVSOIL1-20191121

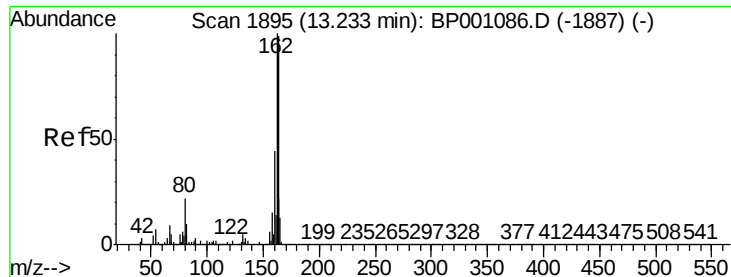
Tot Ion:136	Resp:	504912
Ion	Ratio	Lower Upper
136	100	
137	11.3	8.8 13.2
54	10.3	7.9 11.9
68	6.9	5.6 8.4



#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

Tgt 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

Instrument :

BNA_P

ClientSampleId :

CALVSOIL1-20191121

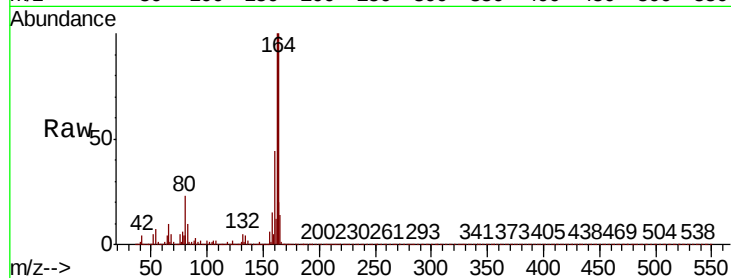
Tot Ion:164 Resp: 283695

Ion Ratio Lower Upper

164 100

162 100.1 80.6 120.8

160 43.7 35.4 53.2

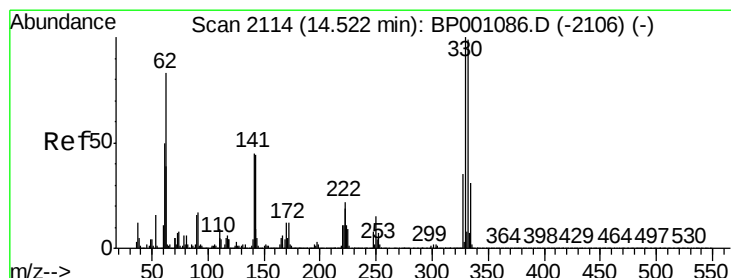
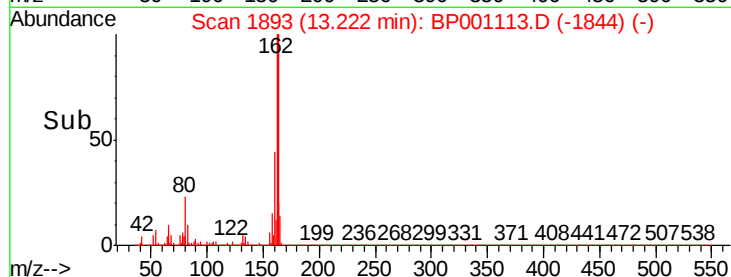
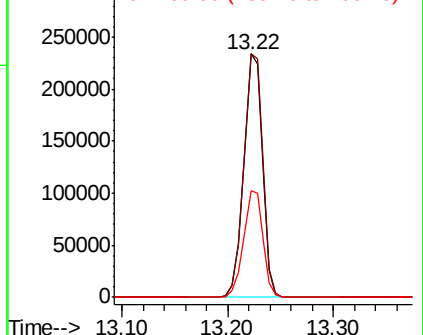


Abundance

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: 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

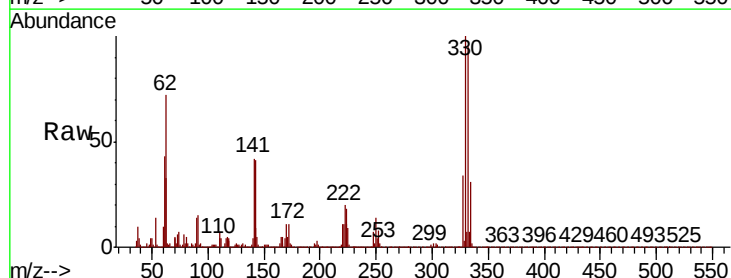
Tgt Ion:330 Resp: 407219

Ion Ratio Lower Upper

330 100

332 95.3 77.6 116.4

141 43.8 34.2 51.2

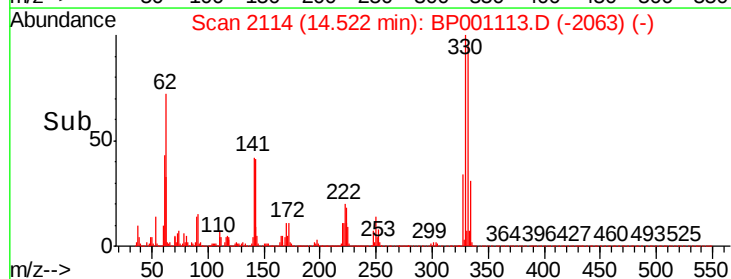
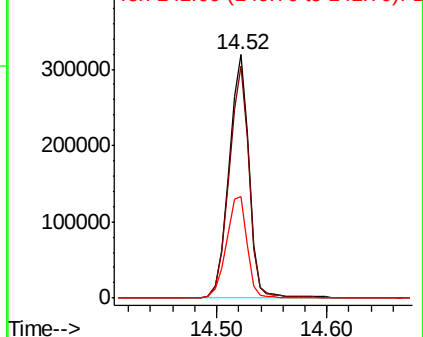


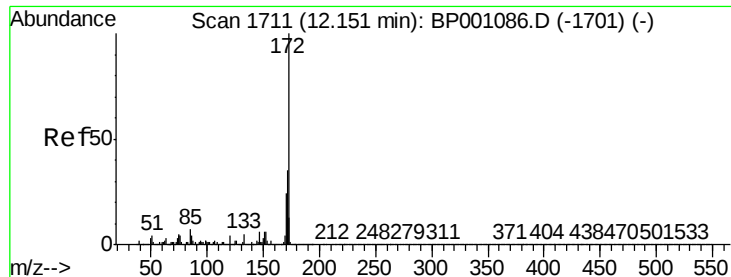
Abundance

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

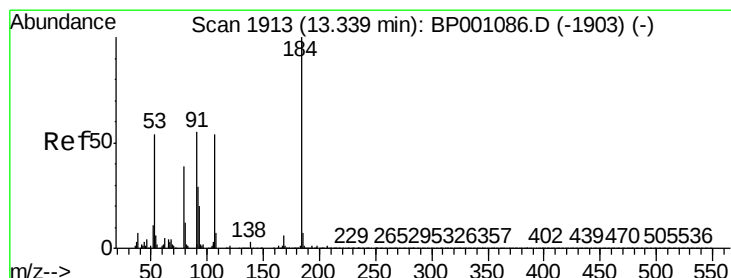
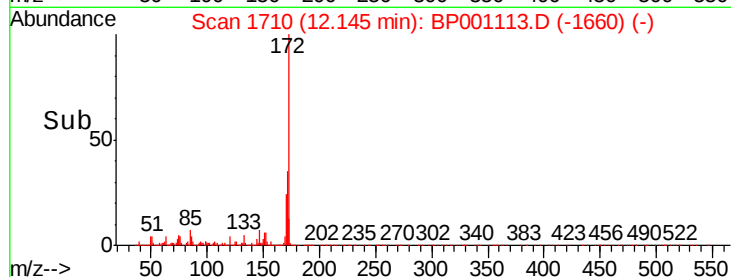
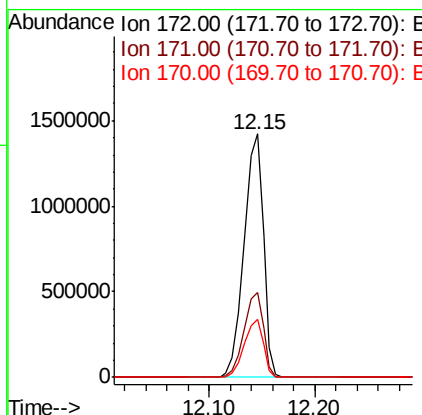
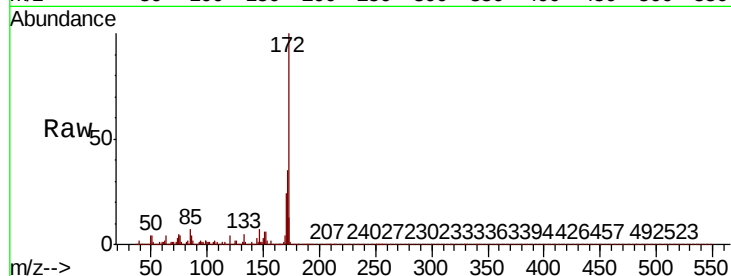




#45
2-Fluorobiphenyl
Concen: 92.929 ng
RT: 12.15 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BP001113.D
Acq: 28 Nov 2019 07:47

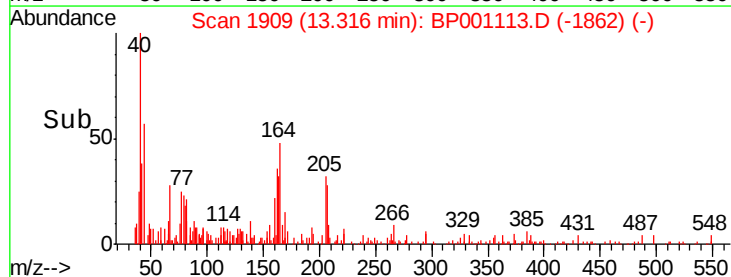
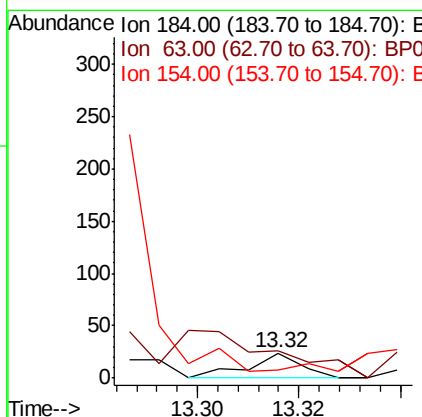
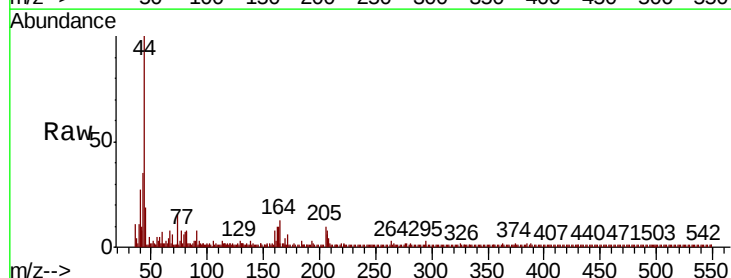
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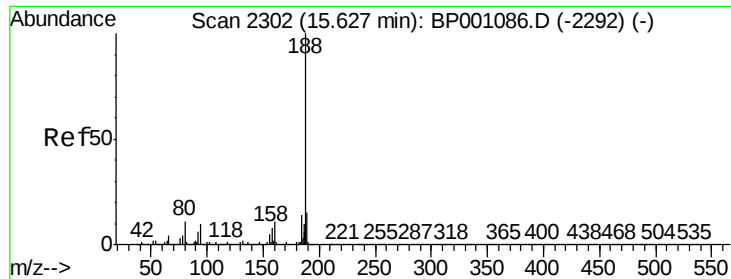
Tot Ion:172 Resp: 1801309
Ion Ratio Lower Upper
172 100
171 34.8 27.9 41.9
170 23.6 19.0 28.4



#54
2,4-Dinitrophenol
Concen: 7.118 ng
RT: 13.32 min Scan# 1909
Delta R.T. -0.02 min
Lab File: BP001113.D
Acq: 28 Nov 2019 07:47

Tgt Ion:184 Resp: 18
Ion Ratio Lower Upper
184 100
63 108.3 60.7 91.1#
154 33.3 56.2 84.2#





#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

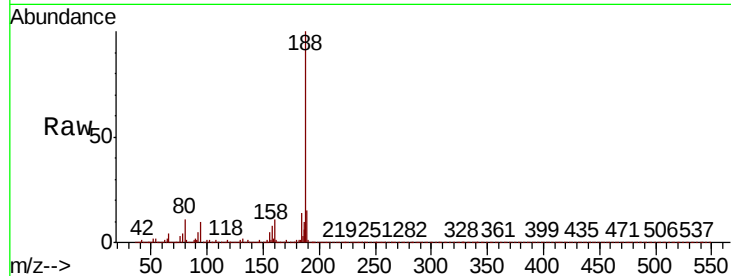
Tot Ion:188 Resp: 555157

Ion Ratio Lower Upper

188 100

94 10.2 7.9 11.9

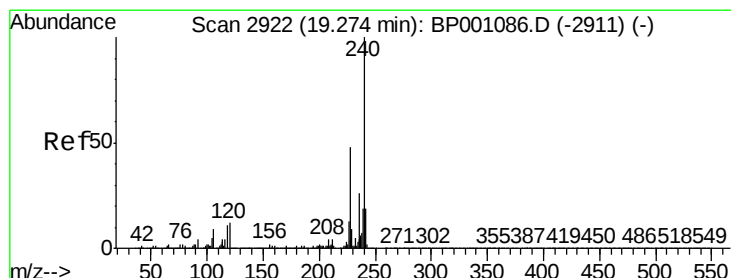
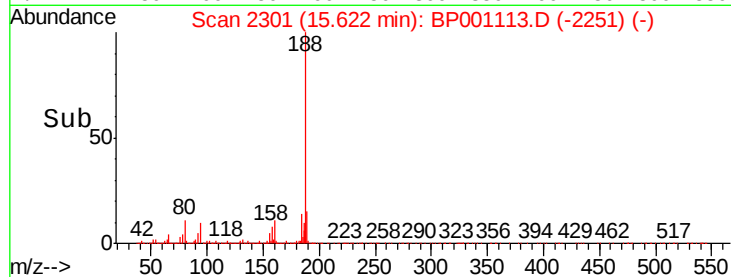
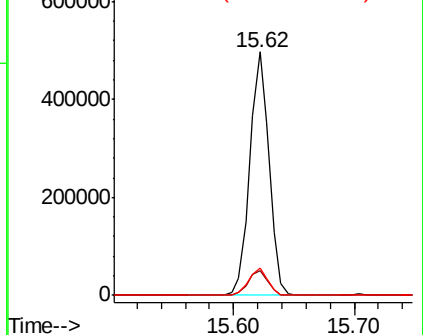
80 11.0 8.8 13.2



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

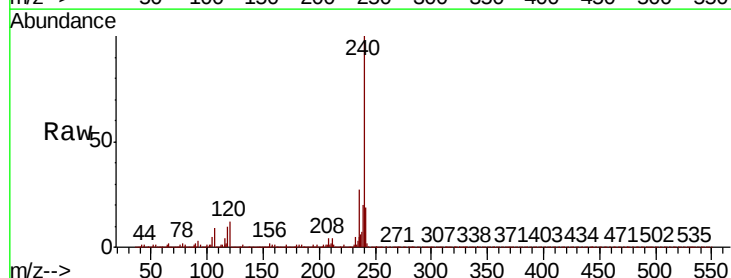
Tgt Ion:240 Resp: 437967

Ion Ratio Lower Upper

240 100

120 11.5 9.5 14.3

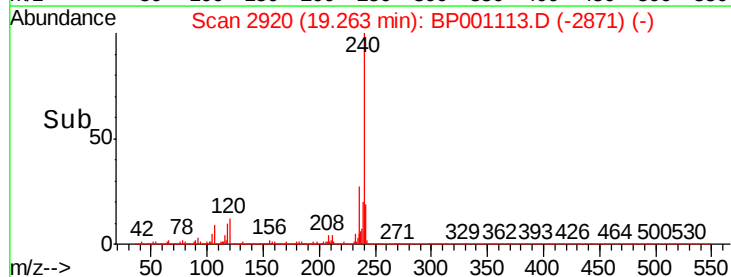
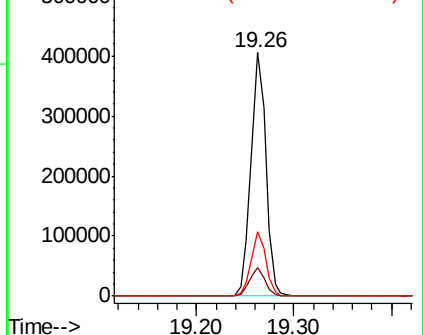
236 26.6 20.4 30.6

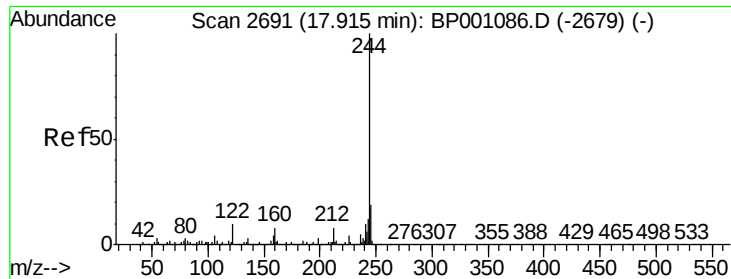


Abundance Ion 240.00 (239.70 to 240.70): E

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

ClientSampleId :

CALVSOIL1-20191121

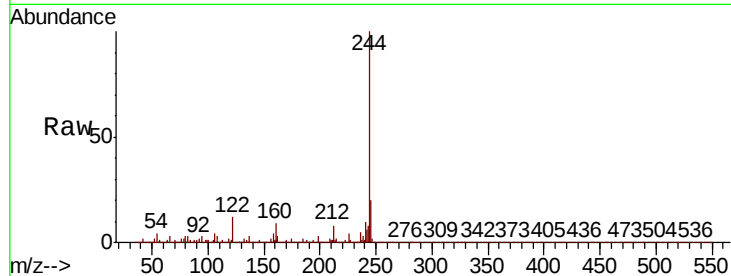
Tot Ion:244 Resp: 2252135

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

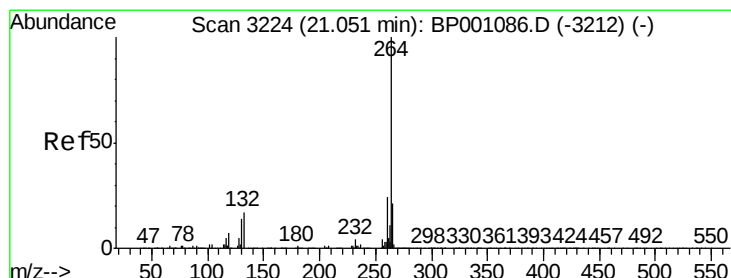
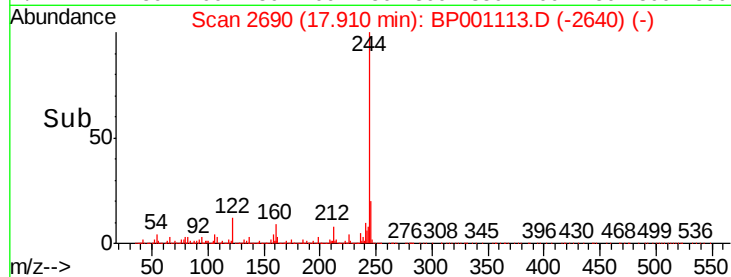
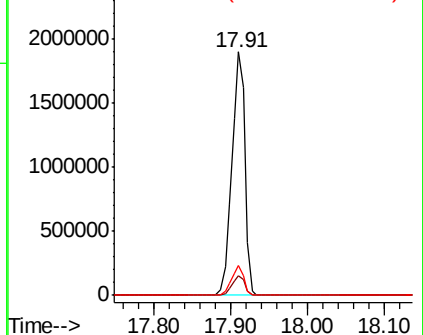
122 12.2 8.2 12.2



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: 21.04 min Scan# 3223

Delta R.T. -0.01 min

Lab File: BP001113.D

Acq: 28 Nov 2019 07:47

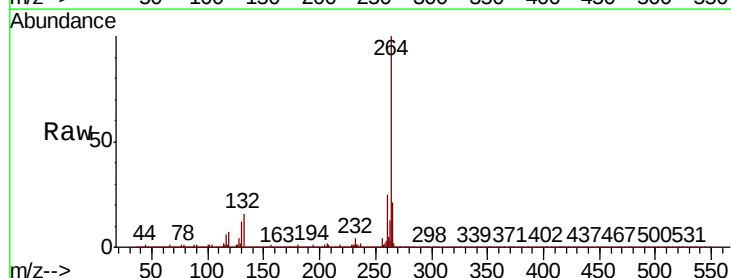
Tgt Ion:264 Resp: 466463

Ion Ratio Lower Upper

264 100

260 24.7 18.8 28.2

265 21.0 16.9 25.3



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

