

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122419\
 Data File : BP001409.D
 Acq On : 25 Dec 2019 06:19
 Operator : JU
 Sample : K6401-04DL 2X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0B38DL

Quant Time: Dec 25 08:21:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 16:04:49 2019
 Response via : Initial Calibration

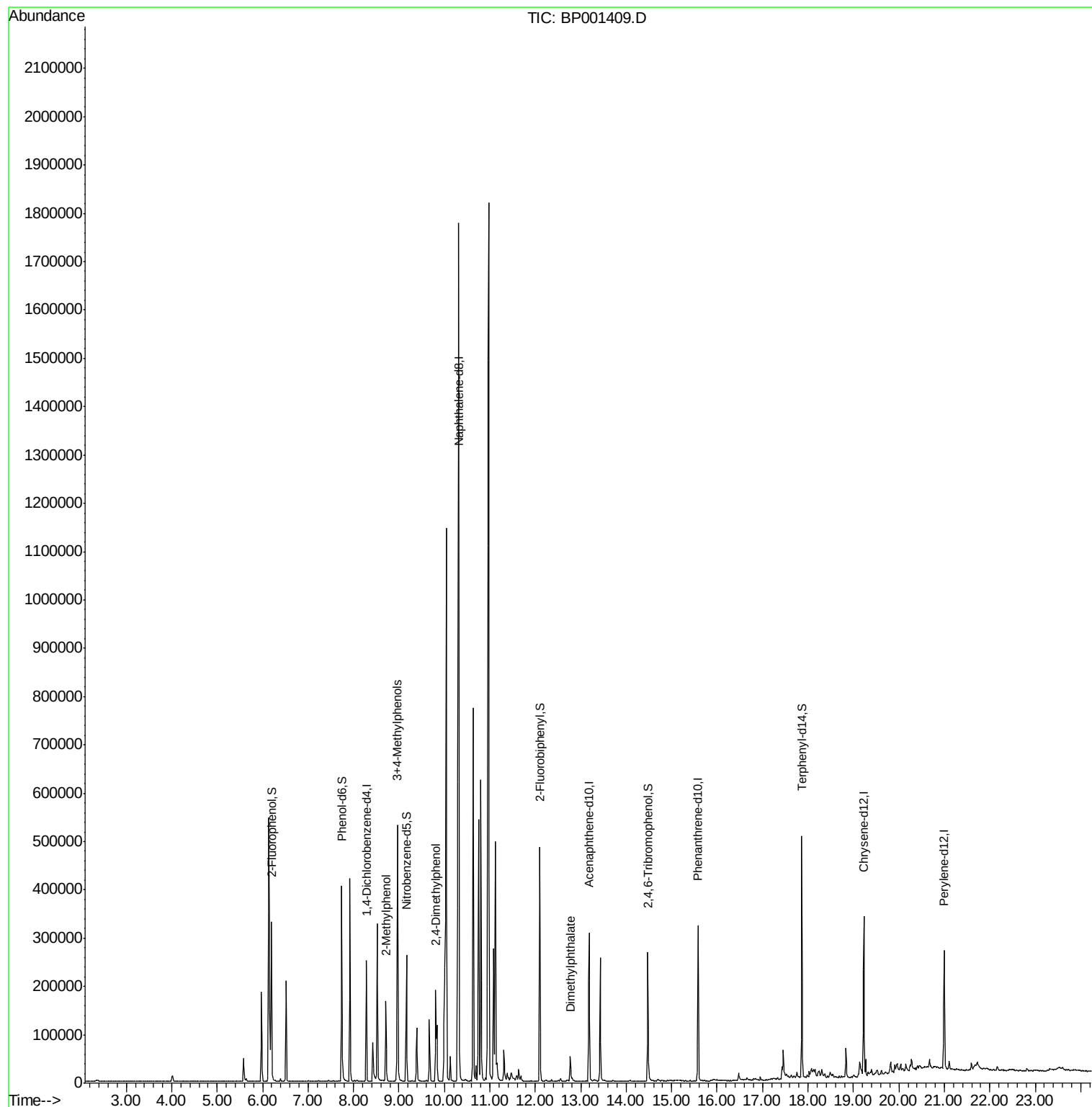
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	39011	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	146251	20.00	ng	0.00
39) Acenaphthene-d10	13.18	164	80546	20.00	ng	0.00
64) Phenanthrene-d10	15.58	188	147583	20.00	ng	0.00
76) Chrysene-d12	19.23	240	116658	20.00	ng	0.00
87) Perylene-d12	21.00	264	123347	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.19	112	98575	40.84	ng	0.00
7) Phenol-d6	7.74	99	135330	42.97	ng	-0.01
23) Nitrobenzene-d5	9.16	82	92764	24.36	ng	-0.01
42) 2,4,6-Tribromophenol	14.47	330	35564	35.32	ng	0.00
45) 2-Fluorobiphenyl	12.10	172	174586	27.41	ng	0.00
79) Terphenyl-d14	17.87	244	190474	27.97	ng	0.00
Target Compounds						
17) 2-Methylphenol	8.71	107	29924	13.955	ng	98
20) 3+4-Methylphenols	8.97	107	150408	52.857	ng	94
27) 2,4-Dimethylphenol	9.81	122	50647	25.763	ng	96
50) Dimethylphthalate	12.77	163	25787	3.902	ng	97

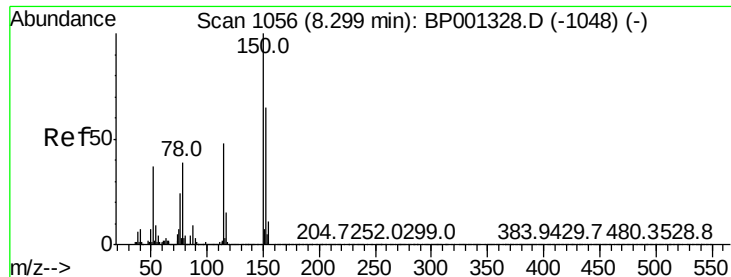
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.28 min Scan# 1053

Delta R.T. -0.01 min

Lab File: BP001409.D

Acq: 25 Dec 2019 06:19

Instrument :

BNA_P

ClientSampleId :

C0B38DL

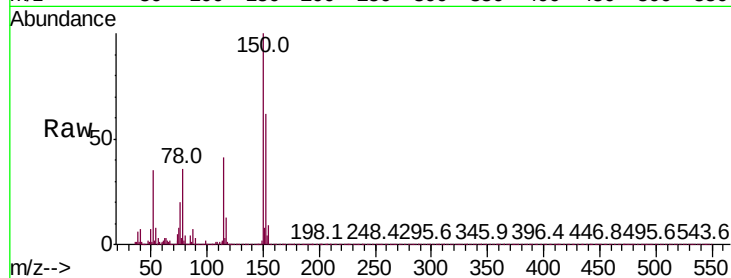
Tot Ion:152 Resp: 39011

Ion Ratio Lower Upper

152 100

150 160.7 127.0 190.6

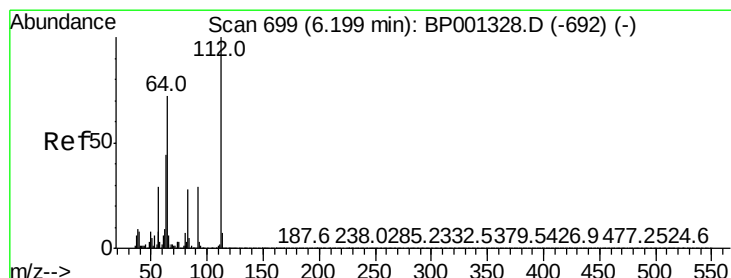
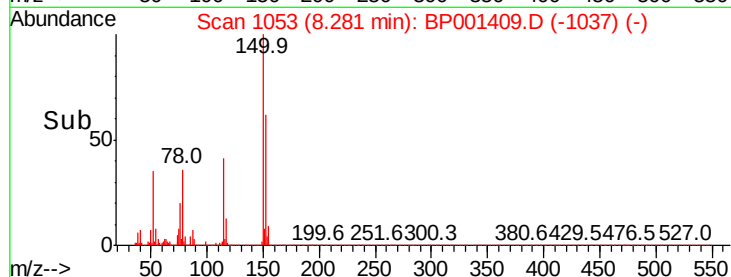
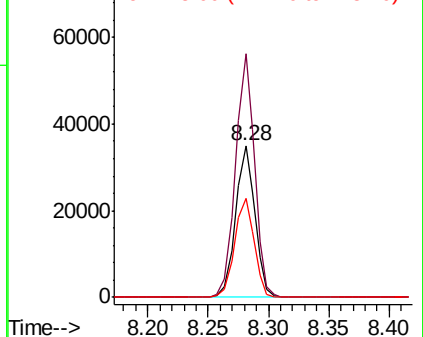
115 65.7 56.1 84.1



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: 40.839 ng

RT: 6.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BP001409.D

Acq: 25 Dec 2019 06:19

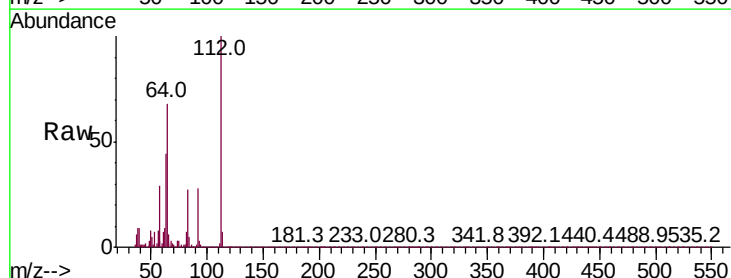
Tgt Ion:112 Resp: 98575

Ion Ratio Lower Upper

112 100

64 67.7 53.9 80.9

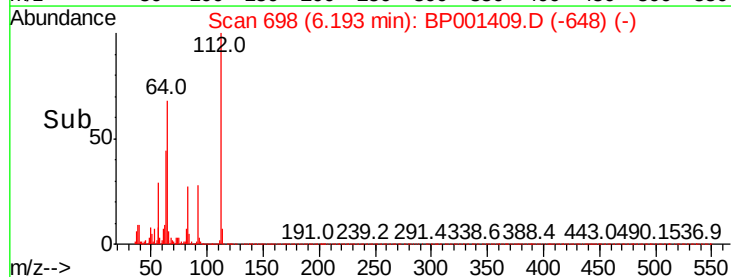
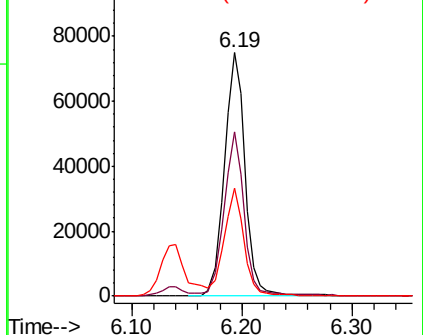
63 44.1 33.4 50.0

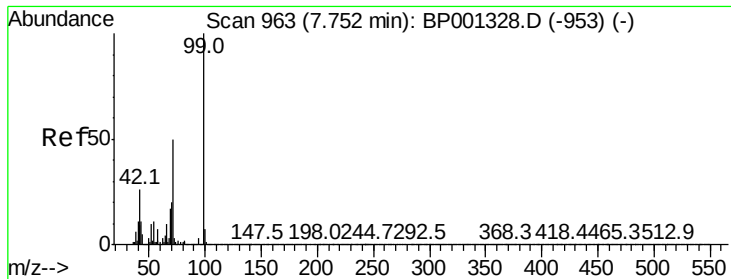


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 42.967 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.01 min

Lab File: BP001409.D

Acq: 25 Dec 2019 06:19

Instrument :

BNA_P

ClientSampleId :

C0B38DL

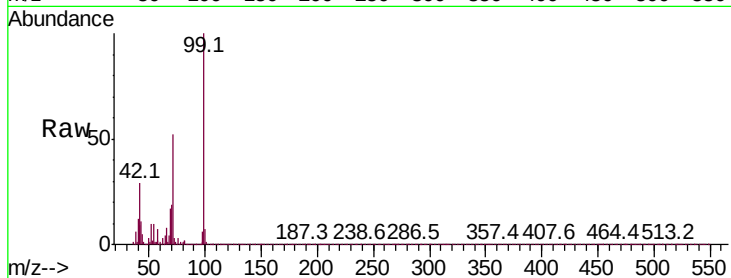
Tot Ion: 99 Resp: 135330

Ion Ratio Lower Upper

99 100

42 29.0 20.8 31.2

71 51.6 38.2 57.4

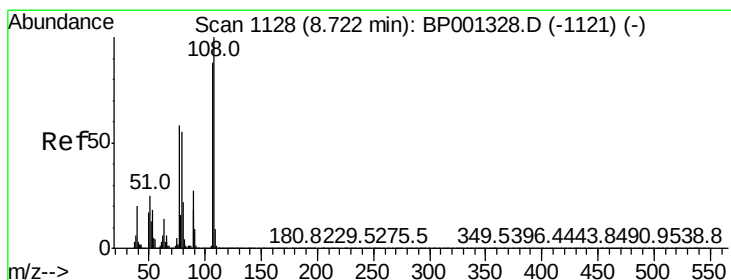
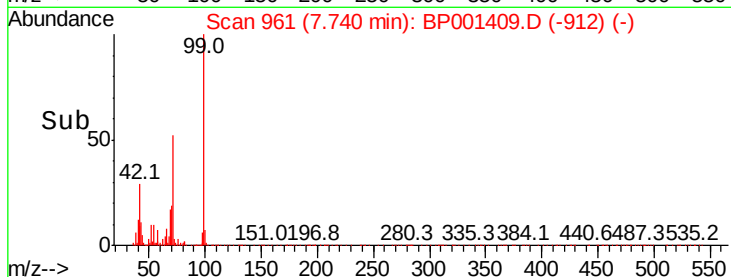
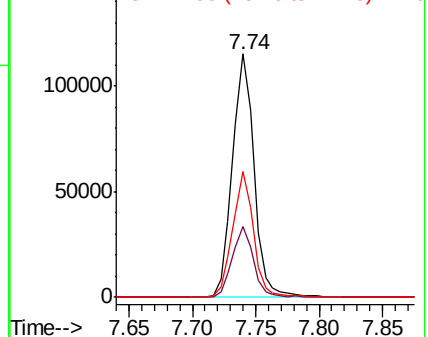


Abundance

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



#17

2-Methylphenol

Concen: 13.955 ng

RT: 8.71 min Scan# 1126

Delta R.T. -0.01 min

Lab File: BP001409.D

Acq: 25 Dec 2019 06:19

Tgt Ion: 107 Resp: 29924

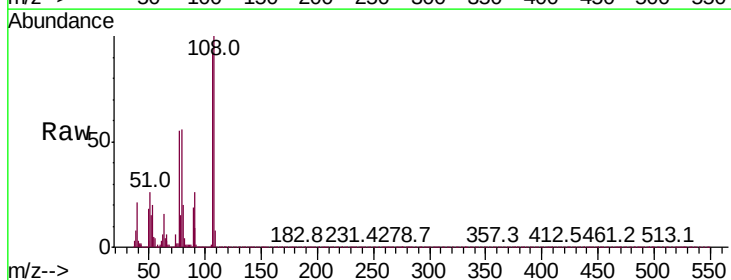
Ion Ratio Lower Upper

107 100

108 108.4 88.8 133.2

77 59.4 48.9 73.3

79 60.5 48.8 73.2



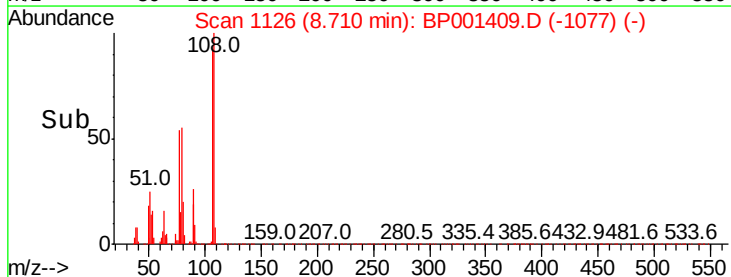
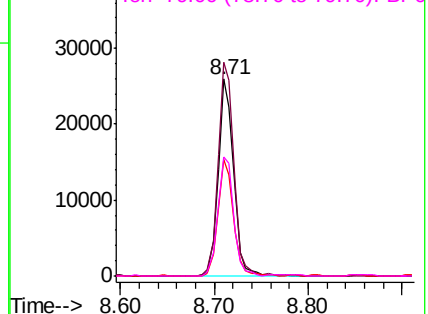
Abundance

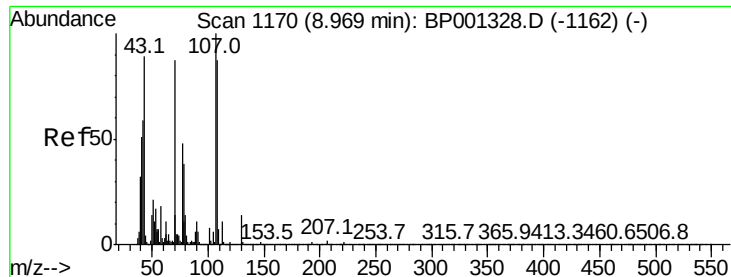
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BP0

Ion 79.00 (78.70 to 79.70): BP0

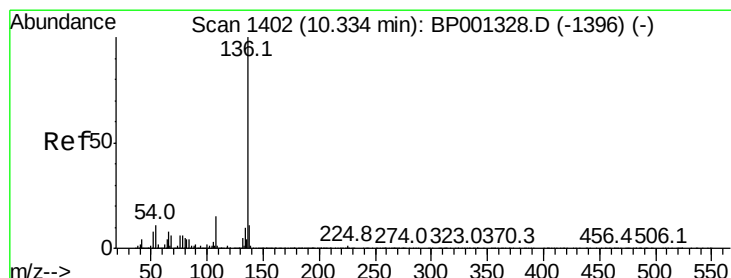
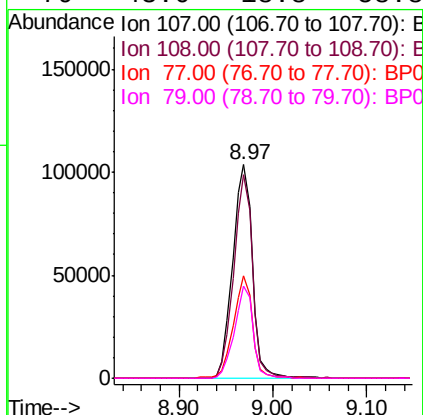
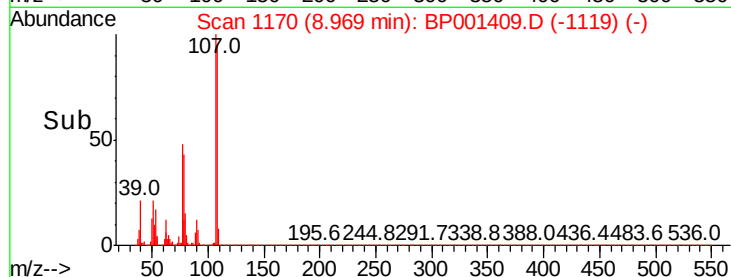
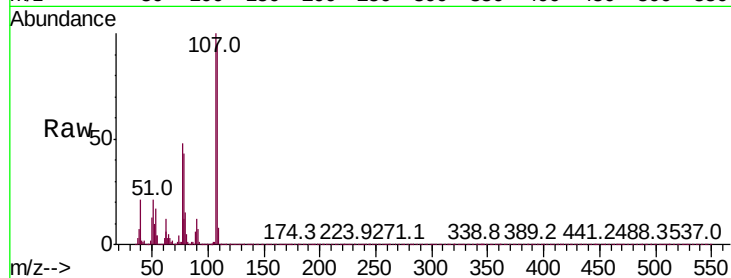




#20
3+4-Methylphenols
Concen: 52.857 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.00 min
Lab File: BP001409.D
Acq: 25 Dec 2019 06:19

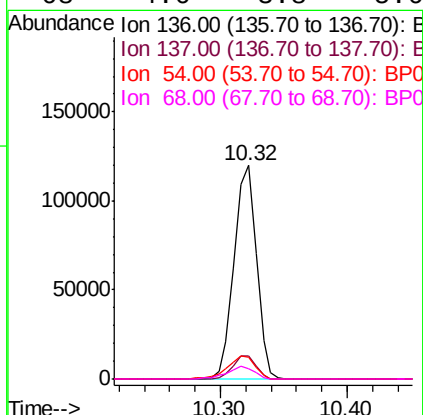
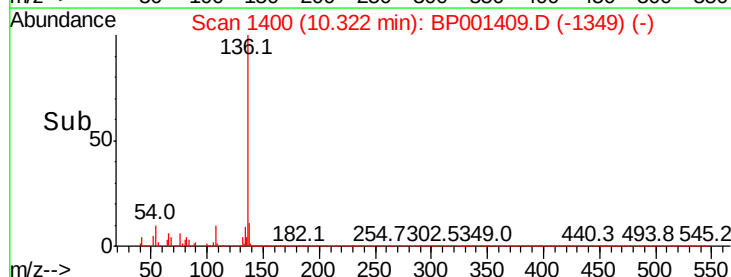
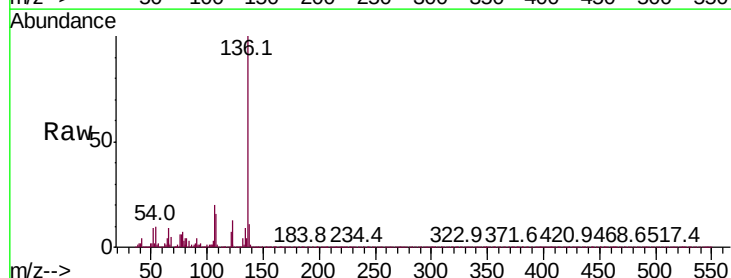
Instrument :
BNA_P
ClientSampleId :
C0B38DL

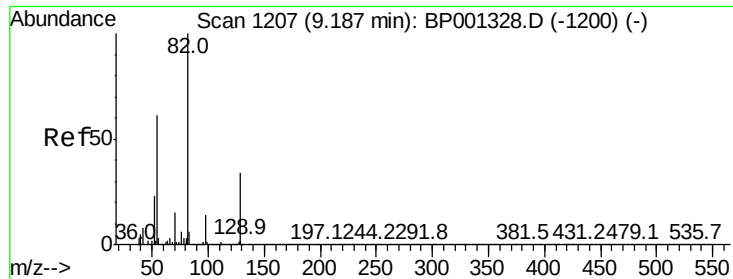
Tot Ion:	107	Resp:	150408
Ion	Ratio	Lower	Upper
107	100		
108	95.3	70.4	110.4
77	47.8	24.5	64.5
79	43.0	18.8	58.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.00 min
Lab File: BP001409.D
Acq: 25 Dec 2019 06:19

Tgt Ion:	136	Resp:	146251
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	10.5	7.3	10.9
68	4.6	3.8	5.6

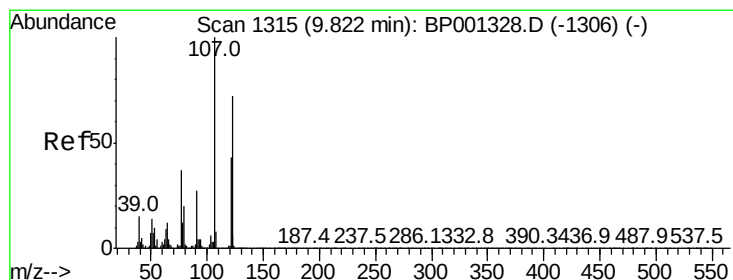
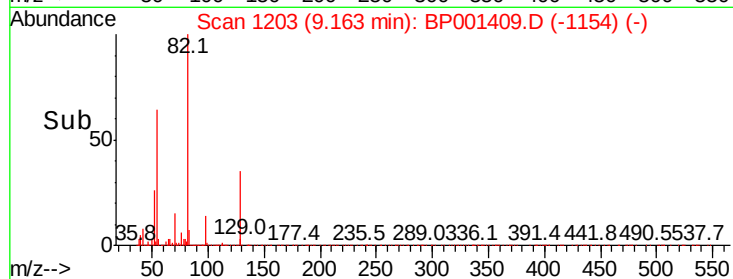
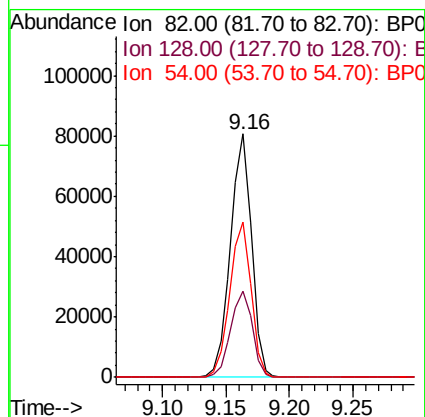
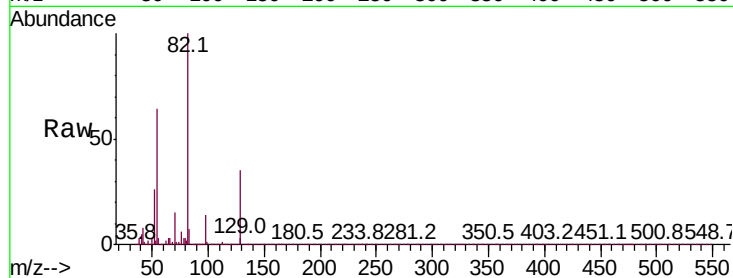




#23
 Nitrobenzene-d5
 Concen: 24.357 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BP001409.D
 Acq: 25 Dec 2019 06:19

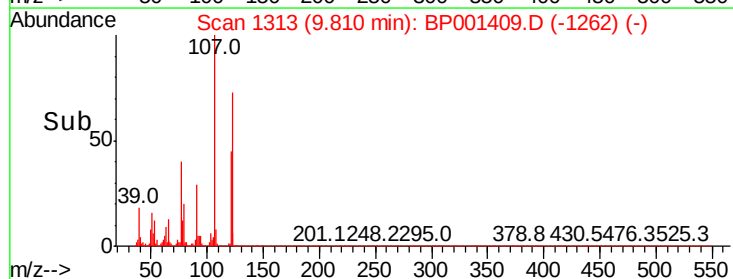
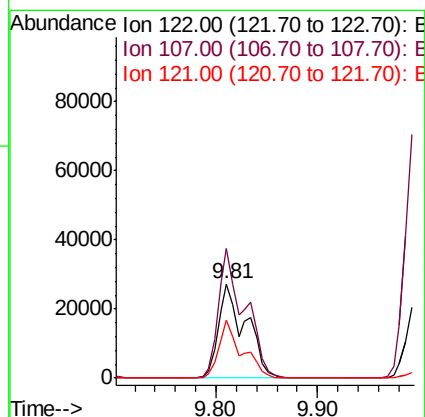
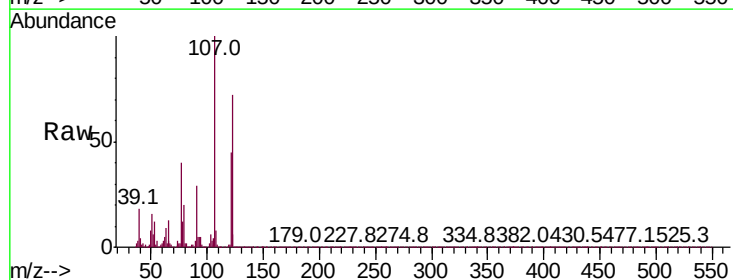
Instrument :
 BNA_P
 ClientSampled :
 C0B38DL

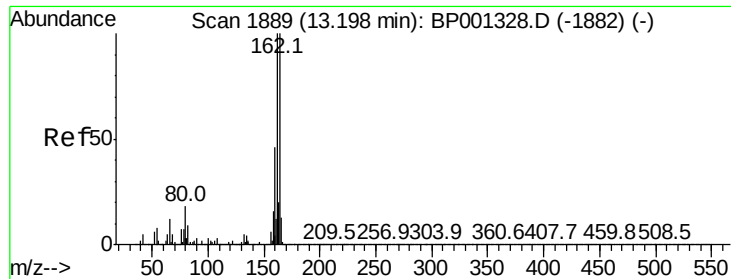
Tot Ion	82	Resp	92764
Ion Ratio	100	Lower	Upper
128	35.4	27.4	41.0
54	63.7	47.5	71.3



#27
 2,4-Dimethylphenol
 Concen: 25.763 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. -0.00 min
 Lab File: BP001409.D
 Acq: 25 Dec 2019 06:19

Tgt Ion	122	Resp	50647
Ion Ratio	100	Lower	Upper
107	138.1	106.5	159.7
121	62.4	47.1	70.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.18 min Scan# 1886

Delta R.T. -0.00 min

Lab File: BP001409.D

Acq: 25 Dec 2019 06:19

Instrument :

BNA_P

ClientSampleId :

C0B38DL

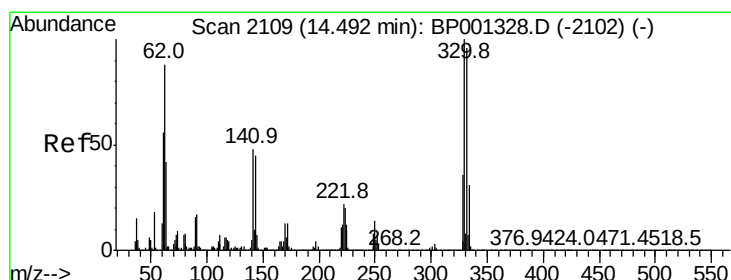
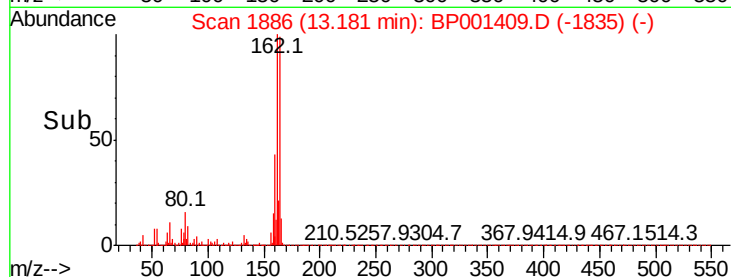
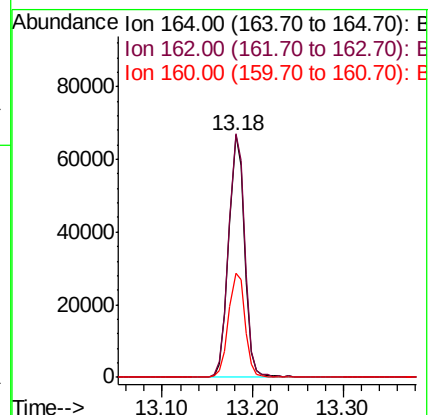
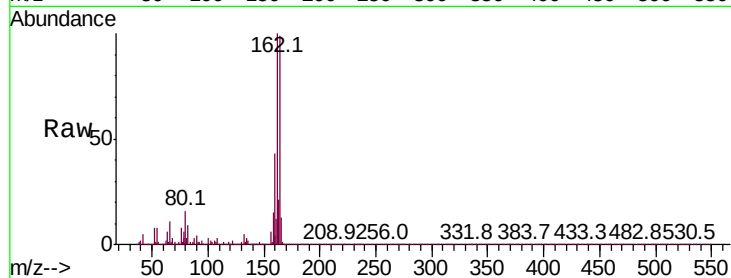
Tot Ion:164 Resp: 80546

Ion Ratio Lower Upper

164 100

162 100.6 78.2 117.4

160 43.1 35.1 52.7



#42

2,4,6-Tribromophenol

Concen: 35.316 ng

RT: 14.47 min Scan# 2106

Delta R.T. -0.01 min

Lab File: BP001409.D

Acq: 25 Dec 2019 06:19

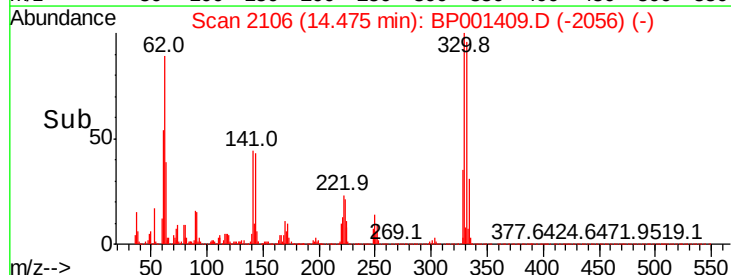
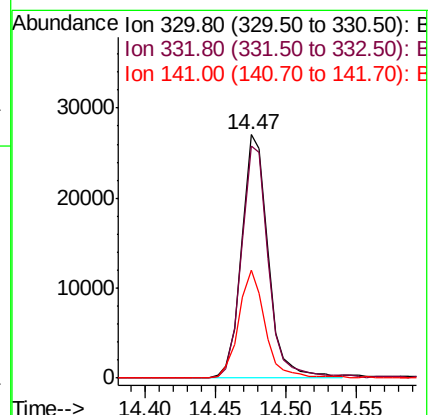
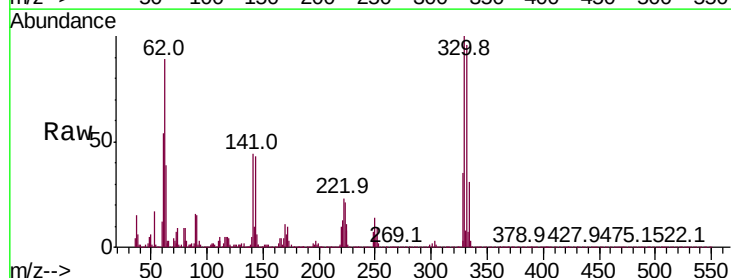
Tgt Ion:330 Resp: 35564

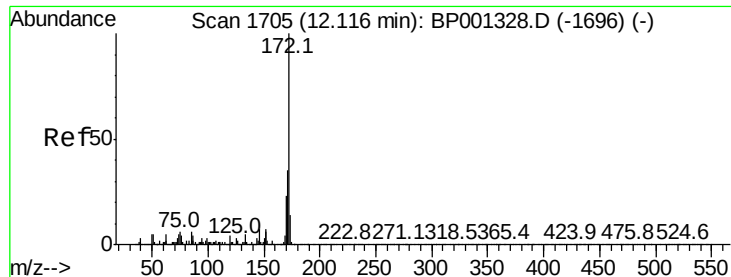
Ion Ratio Lower Upper

330 100

332 97.1 78.3 117.5

141 44.5 26.8 40.2#

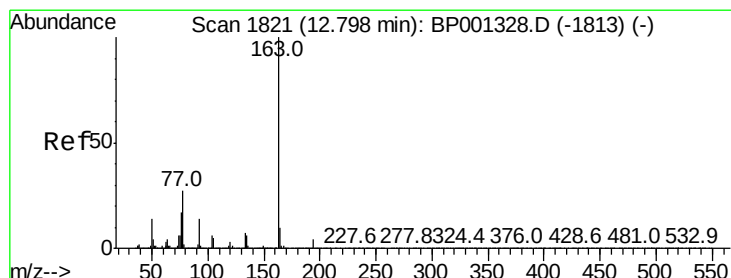
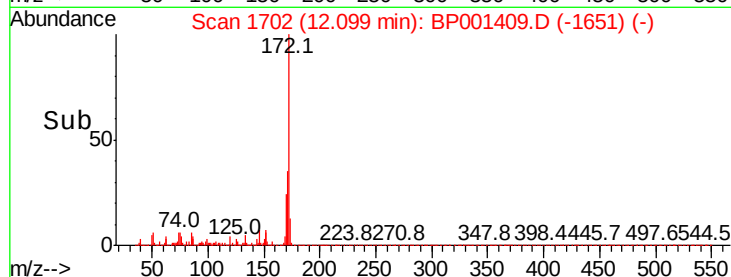
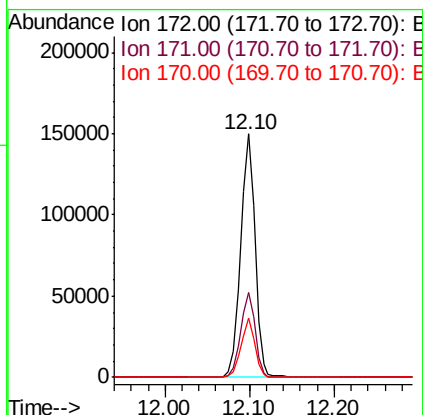
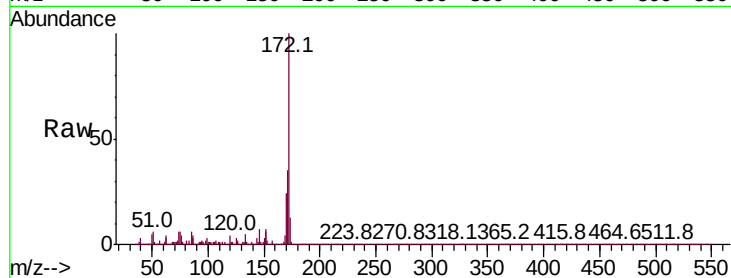




#45
2-Fluorobiphenyl
Concen: 27.408 ng
RT: 12.10 min Scan# 1702
Delta R.T. -0.00 min
Lab File: BP001409.D
Acq: 25 Dec 2019 06:19

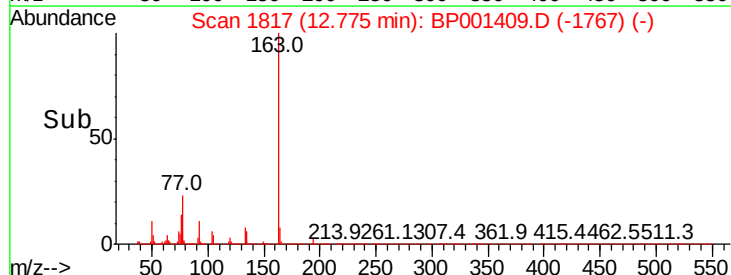
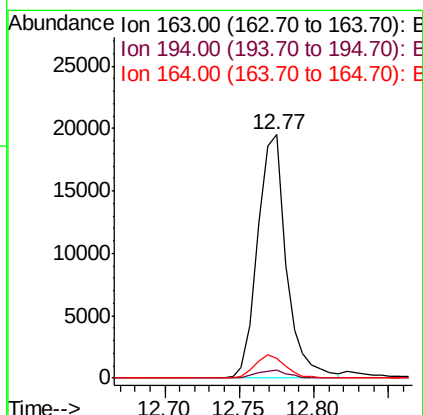
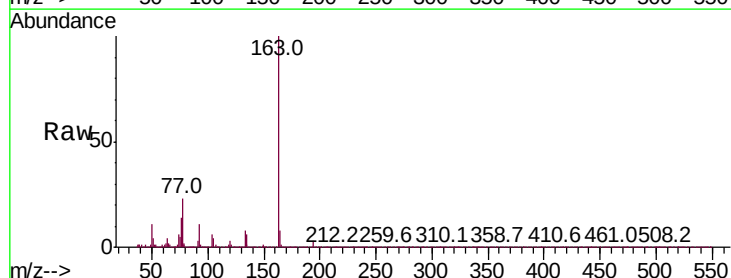
Instrument :
BNA_P
ClientSampleId :
C0B38DL

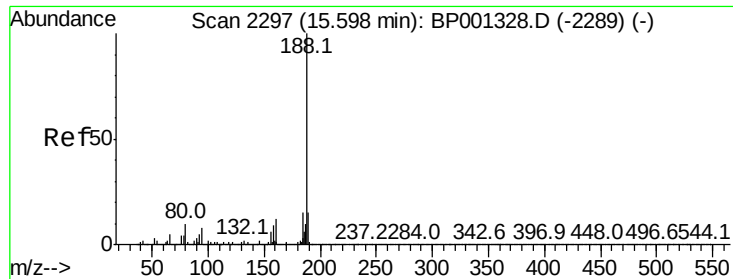
Tot Ion:172 Resp: 174586
Ion Ratio Lower Upper
172 100
171 34.9 27.4 41.0
170 24.2 18.2 27.4



#50
Dimethylphthalate
Concen: 3.902 ng
RT: 12.77 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BP001409.D
Acq: 25 Dec 2019 06:19

Tgt Ion:163 Resp: 25787
Ion Ratio Lower Upper
163 100
194 3.5 3.2 4.8
164 8.2 7.7 11.5





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 15.58 min Scan# 2294

Delta R.T. -0.00 min

Lab File: BP001409.D

Acq: 25 Dec 2019 06:19

Instrument :

BNA_P

ClientSampleId :

C0B38DL

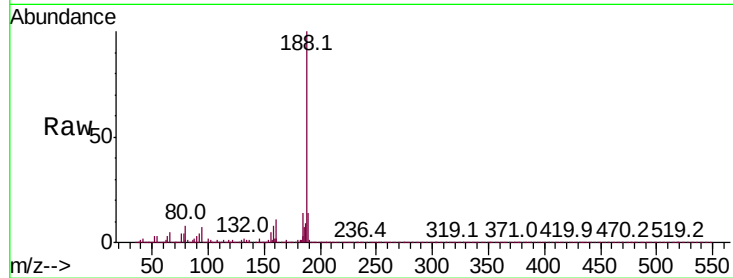
Tot Ion:188 Resp: 147583

Ion Ratio Lower Upper

188 100

94 7.3 5.8 8.8

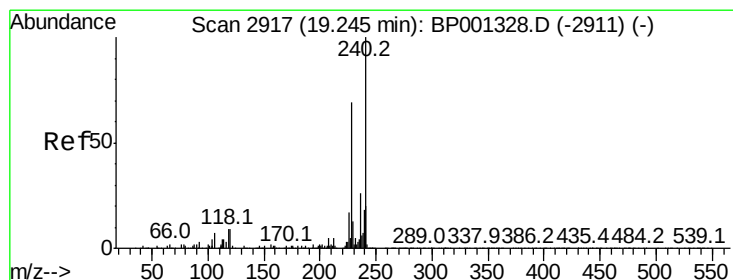
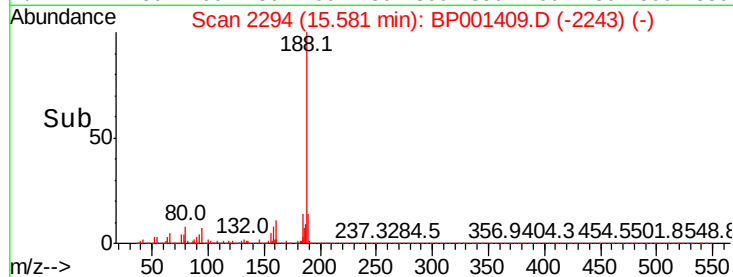
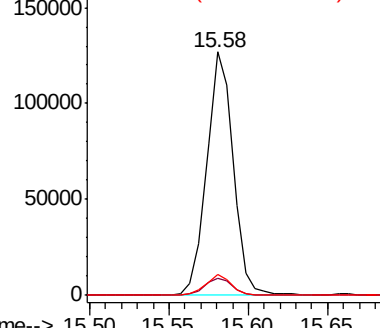
80 8.4 5.7 8.5



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: 19.23 min Scan# 2914

Delta R.T. -0.00 min

Lab File: BP001409.D

Acq: 25 Dec 2019 06:19

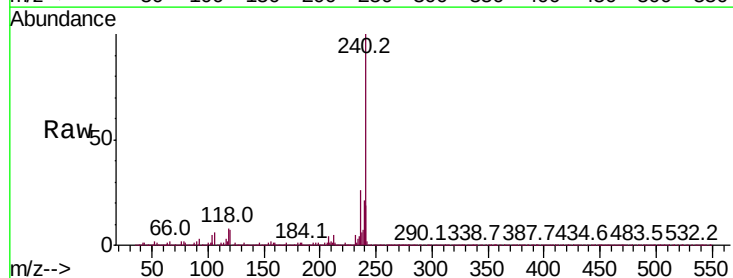
Tgt Ion:240 Resp: 116658

Ion Ratio Lower Upper

240 100

120 7.4 6.2 9.2

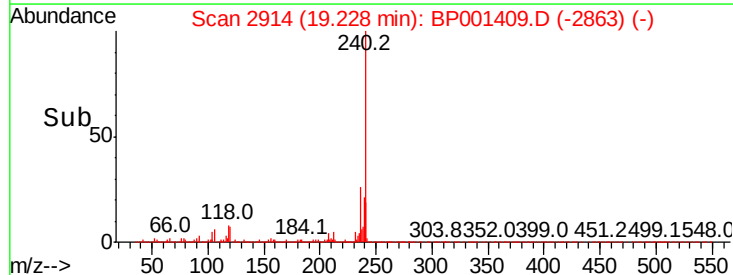
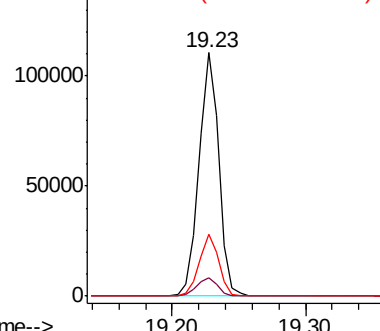
236 25.5 20.2 30.2

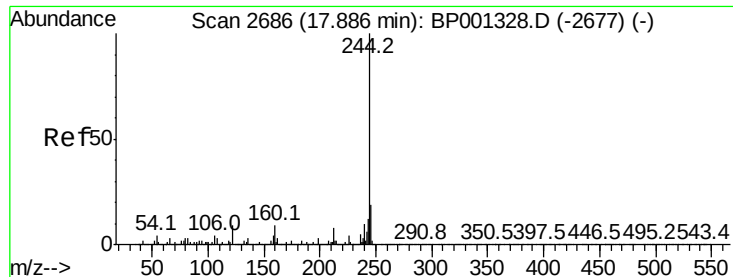


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 27.965 ng

RT: 17.87 min Scan# 2683

Delta R.T. -0.00 min

Lab File: BP001409.D

Acq: 25 Dec 2019 06:19

Instrument :

BNA_P

ClientSampleId :

C0B38DL

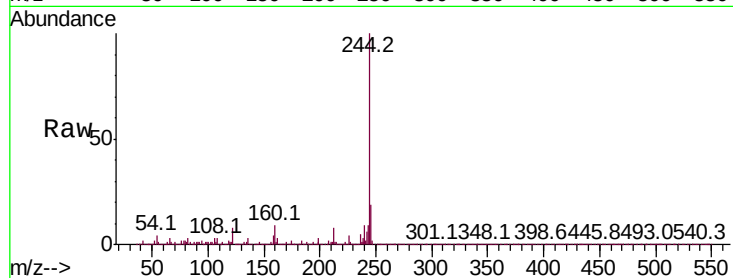
Tot Ion:244 Resp: 190474

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.8

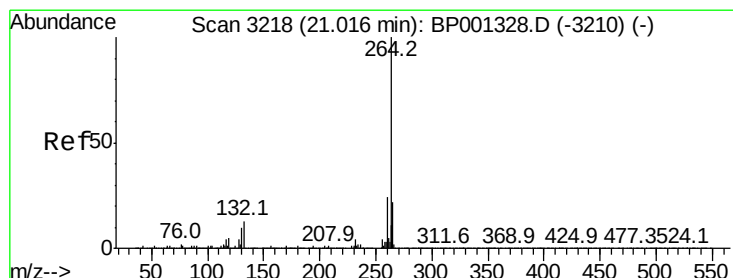
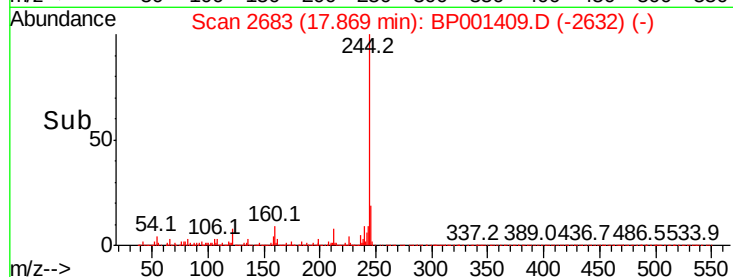
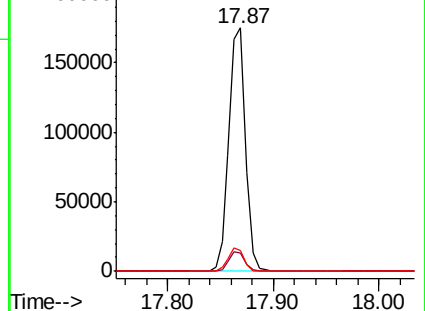
122 8.5 6.4 9.6



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: 21.00 min Scan# 3215

Delta R.T. 0.01 min

Lab File: BP001409.D

Acq: 25 Dec 2019 06:19

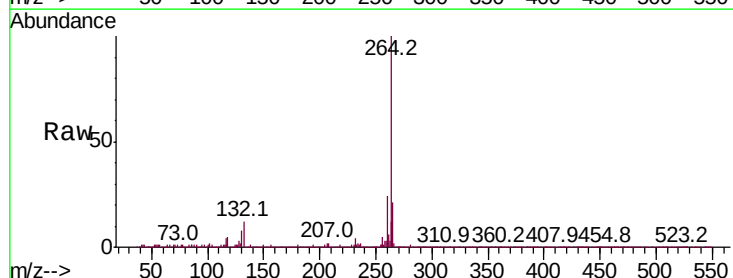
Tgt Ion:264 Resp: 123347

Ion Ratio Lower Upper

264 100

260 23.9 19.0 28.4

265 20.6 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

