

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122719\
 Data File : BP001460.D
 Acq On : 27 Dec 2019 16:13
 Operator : JU
 Sample : PB125724BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB125724BL

Quant Time: Dec 28 04:39:34 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	21674	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	76550	20.00	ng	0.00
39) Acenaphthene-d10	13.18	164	46839	20.00	ng	0.00
64) Phenanthrene-d10	15.58	188	94726	20.00	ng	0.00
76) Chrysene-d12	19.22	240	82649	20.00	ng	0.00
87) Perylene-d12	20.99	264	86249	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.21	112	165878	123.69	ng	0.01
7) Phenol-d6	7.75	99	216208	123.55	ng	0.00
23) Nitrobenzene-d5	9.17	82	148865	74.68	ng	0.00
42) 2,4,6-Tribromophenol	14.47	330	75923	129.65	ng	0.00
45) 2-Fluorobiphenyl	12.10	172	308666	83.33	ng	0.00
79) Terphenyl-d14	17.86	244	439983	91.18	ng	0.00

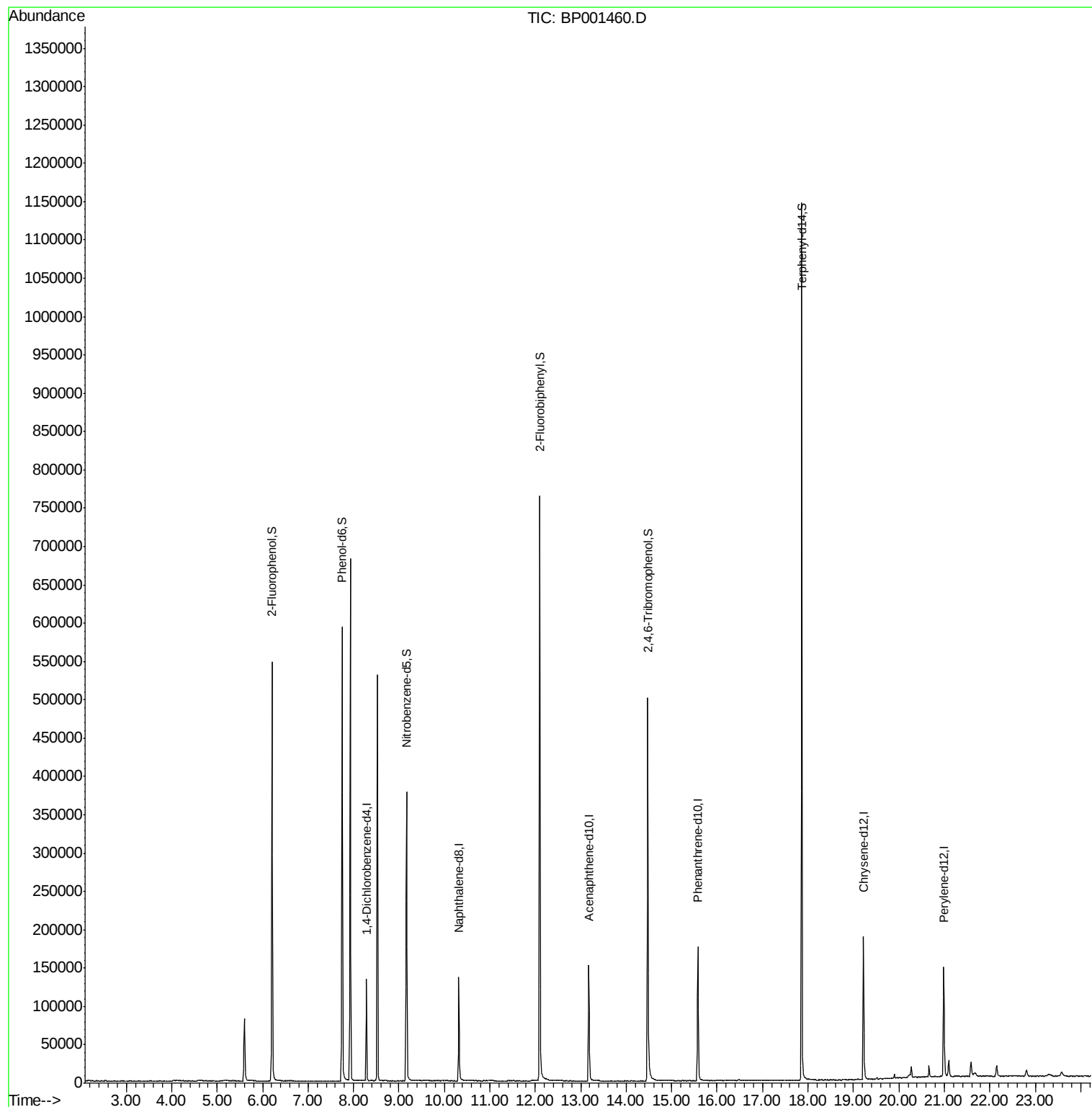
Target Compounds Qvalue

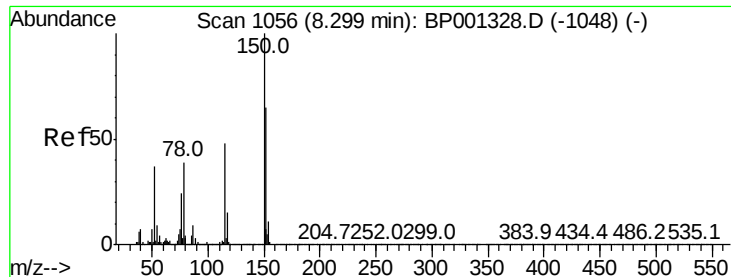
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.28 min Scan# 1053

Delta R.T. -0.01 min

Lab File: BP001460.D

Acq: 27 Dec 2019 16:13

Instrument :

BNA_P

ClientSampleId :

PB125724BL

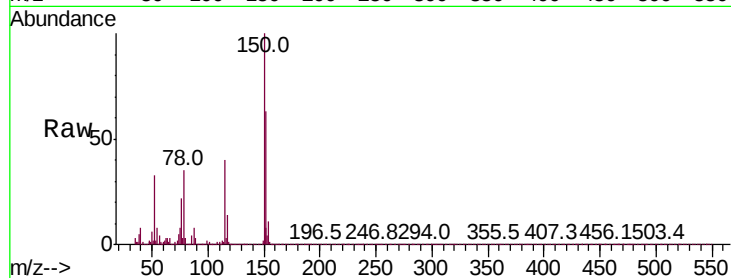
Tot Ion:152 Resp: 21674

Ion Ratio Lower Upper

152 100

150 158.7 127.0 190.6

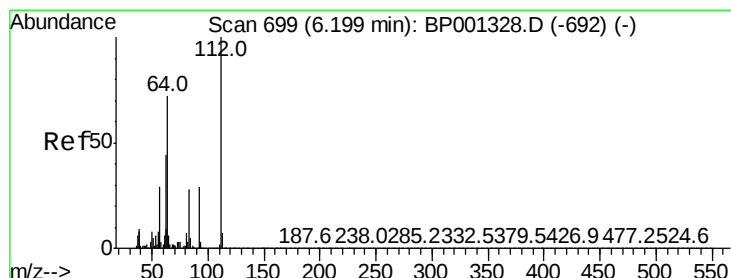
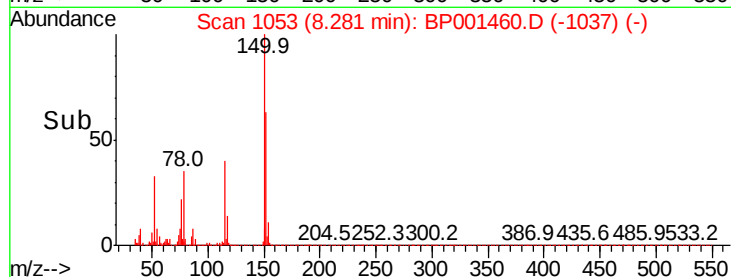
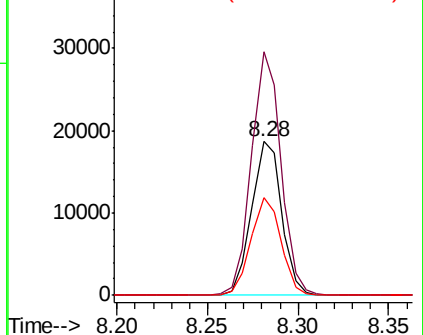
115 63.4 56.1 84.1



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: 123.692 ng

RT: 6.21 min Scan# 701

Delta R.T. 0.01 min

Lab File: BP001460.D

Acq: 27 Dec 2019 16:13

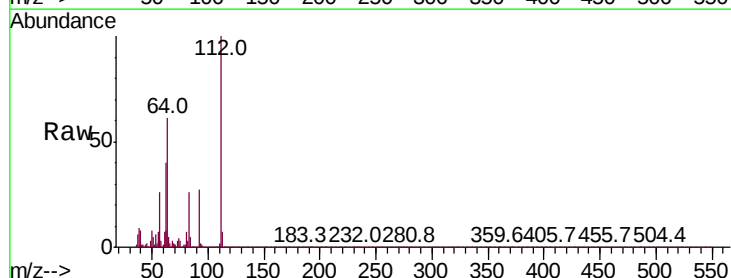
Tgt Ion:112 Resp: 165878

Ion Ratio Lower Upper

112 100

64 61.4 53.9 80.9

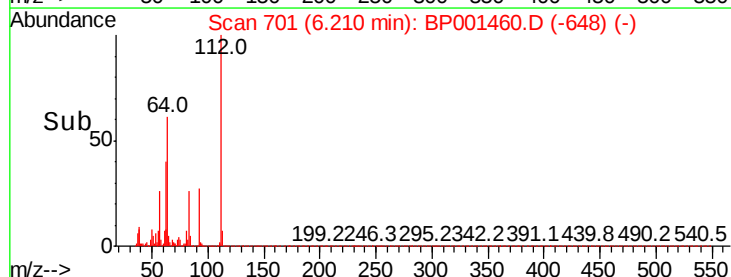
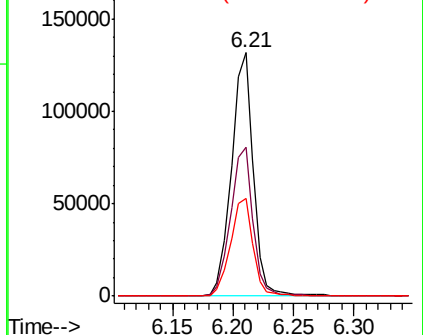
63 39.9 33.4 50.0

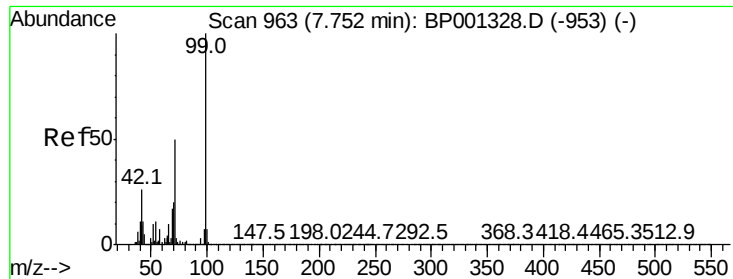


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 123.554 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.00 min

Lab File: BP001460.D

Acq: 27 Dec 2019 16:13

Instrument :

BNA_P

ClientSampleId :

PB125724BL

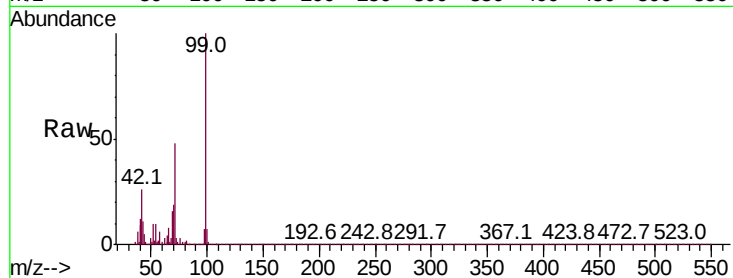
Tot Ion: 99 Resp: 216208

Ion Ratio Lower Upper

99 100

42 26.3 20.8 31.2

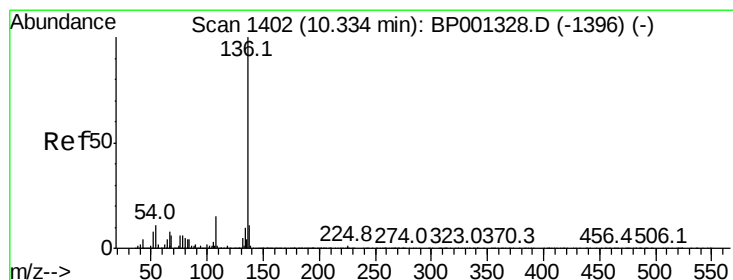
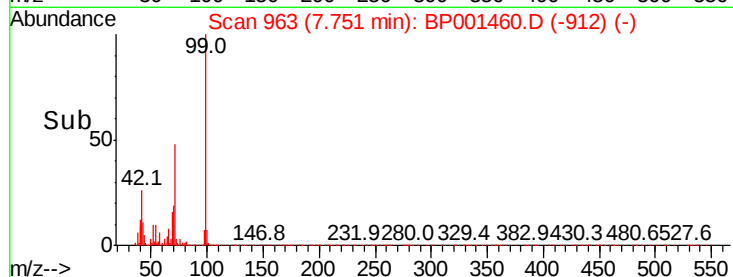
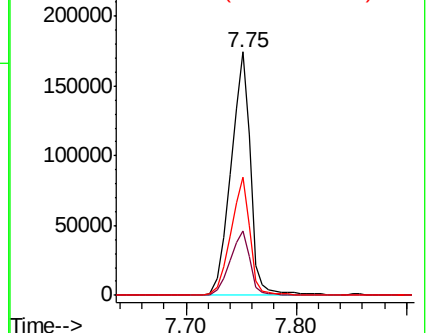
71 48.5 38.2 57.4



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.32 min Scan# 1399

Delta R.T. -0.01 min

Lab File: BP001460.D

Acq: 27 Dec 2019 16:13

Tgt Ion: 136 Resp: 76550

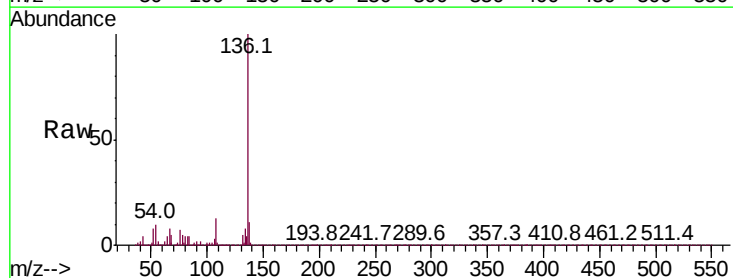
Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.4

54 10.2 7.3 10.9

68 4.6 3.8 5.6

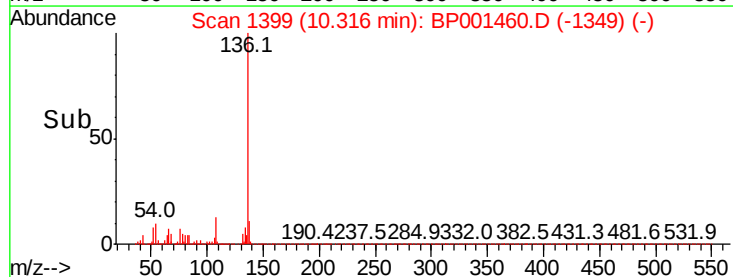
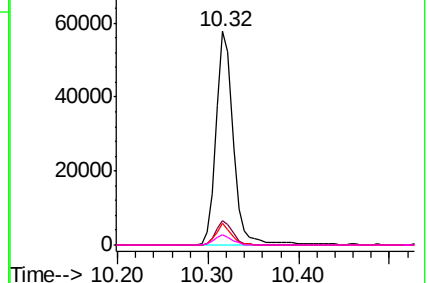


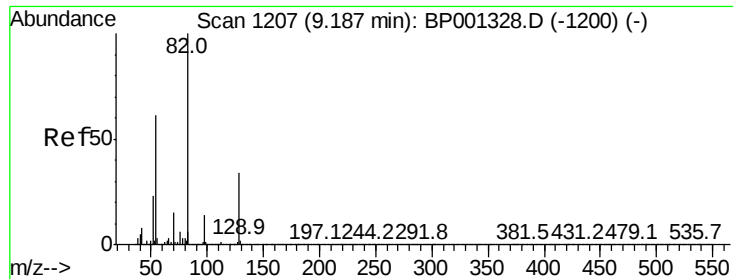
Abundance Ion 136.00 (135.70 to 136.70): E

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

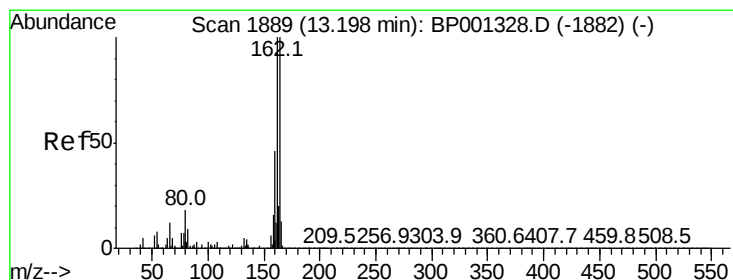
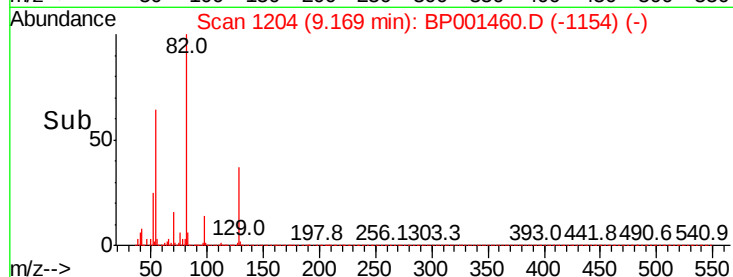
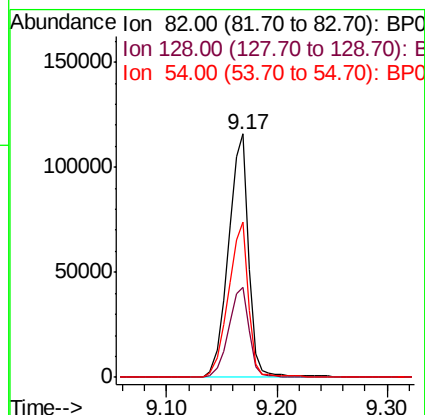
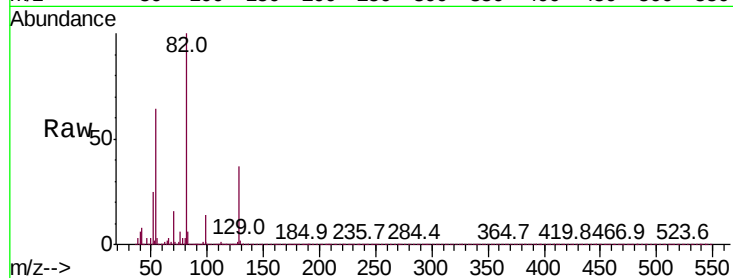




#23
 Nitrobenzene-d5
 Concen: 74.678 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BP001460.D
 Acq: 27 Dec 2019 16:13

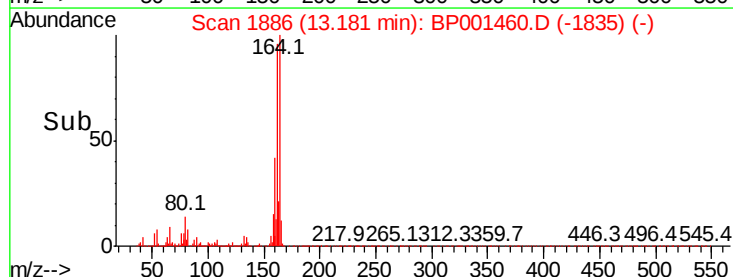
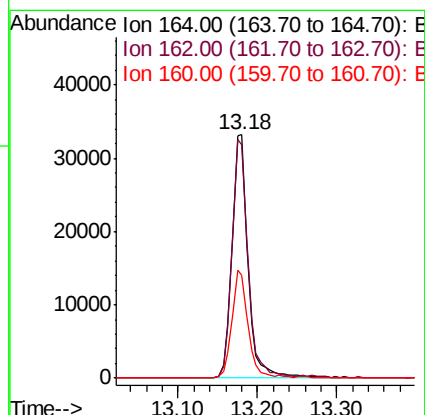
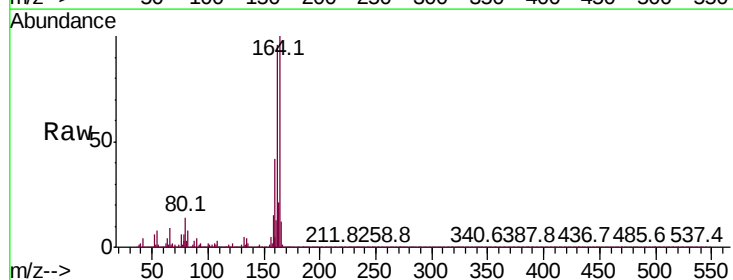
Instrument :
 BNA_P
 ClientSampleId :
 PB125724BL

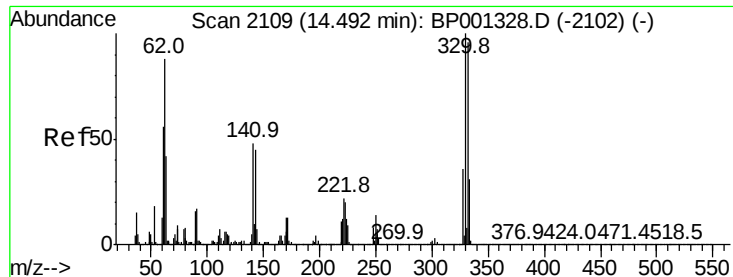
Tot Ion	Ratio	Lower	Upper
82	100		
128	37.0	27.4	41.0
54	63.5	47.5	71.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.18 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: BP001460.D
 Acq: 27 Dec 2019 16:13

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.0	78.2	117.4
160	42.3	35.1	52.7

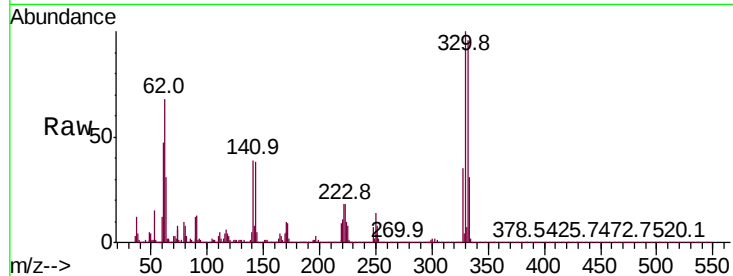




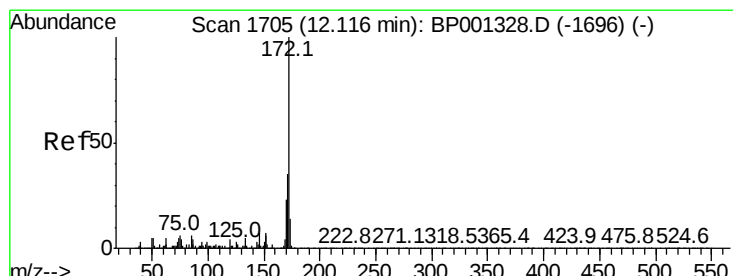
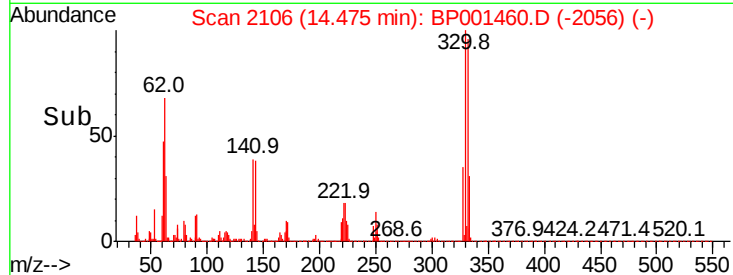
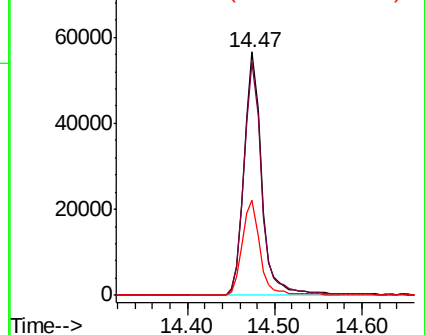
#42
2,4,6-Tribromophenol
Concen: 129.651 ng
RT: 14.47 min Scan# 2106
Delta R.T. -0.01 min
Lab File: BP001460.D
Acq: 27 Dec 2019 16:13

Instrument :
BNA_P
ClientSampleId :
PB125724BL

Tot Ion:330 Resp: 75923
Ion Ratio Lower Upper
330 100
332 97.5 78.3 117.5
141 40.0 26.8 40.2

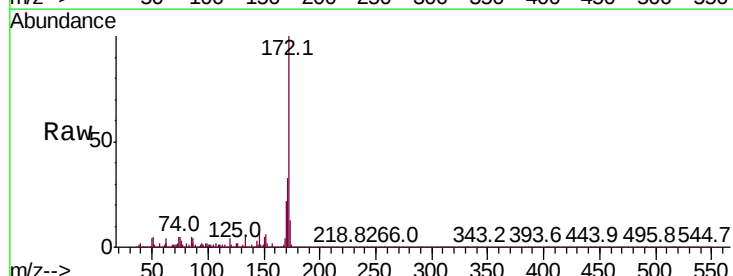


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

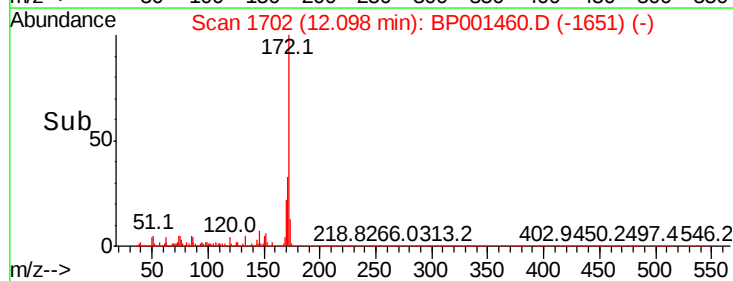
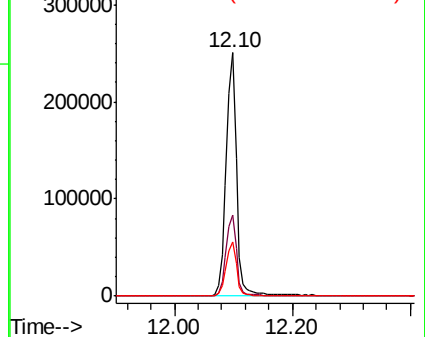


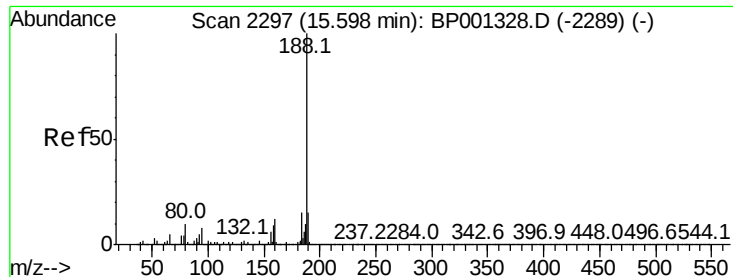
#45
2-Fluorobiphenyl
Concen: 83.329 ng
RT: 12.10 min Scan# 1702
Delta R.T. -0.00 min
Lab File: BP001460.D
Acq: 27 Dec 2019 16:13

Tgt Ion:172 Resp: 308666
Ion Ratio Lower Upper
172 100
171 33.5 27.4 41.0
170 22.5 18.2 27.4



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: 15.58 min Scan# 2294

Delta R.T. -0.00 min

Lab File: BP001460.D

Acq: 27 Dec 2019 16:13

Instrument :

BNA_P

ClientSampleId :

PB125724BL

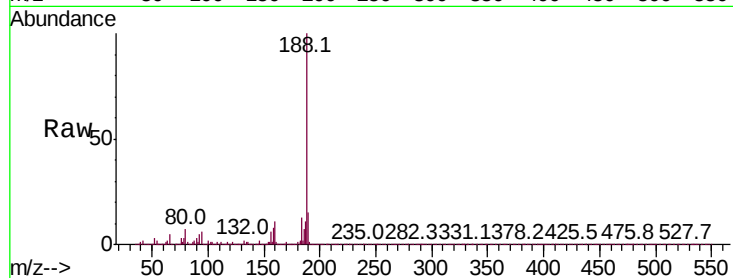
Tot Ion:188 Resp: 94726

Ion Ratio Lower Upper

188 100

94 5.9 5.8 8.8

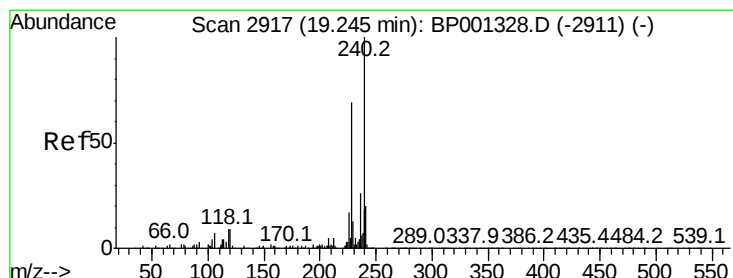
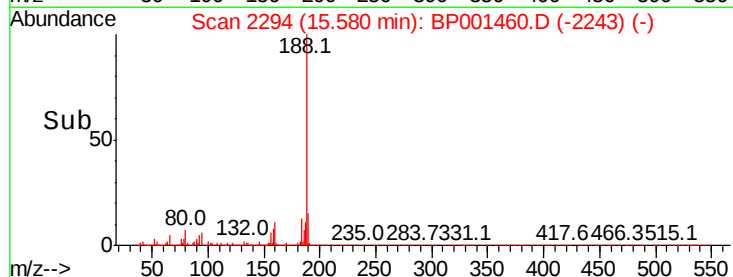
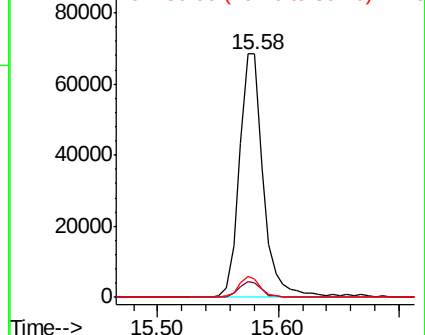
80 7.5 5.7 8.5



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: 19.22 min Scan# 2913

Delta R.T. -0.01 min

Lab File: BP001460.D

Acq: 27 Dec 2019 16:13

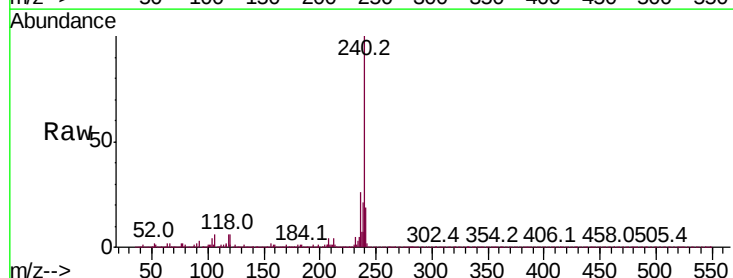
Tgt Ion:240 Resp: 82649

Ion Ratio Lower Upper

240 100

120 6.5 6.2 9.2

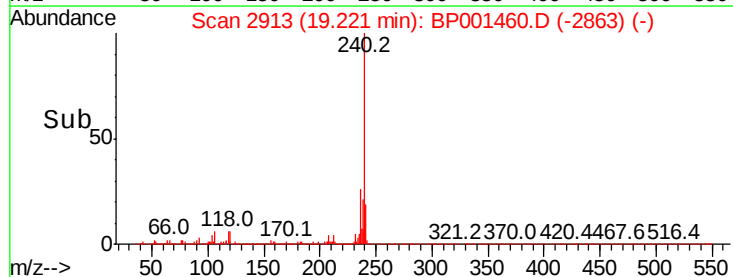
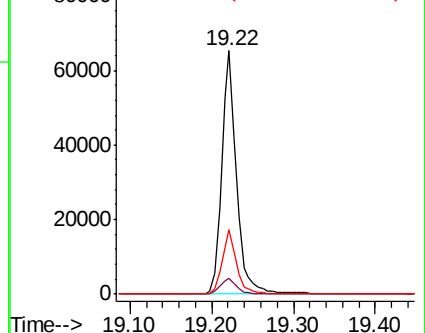
236 26.4 20.2 30.2

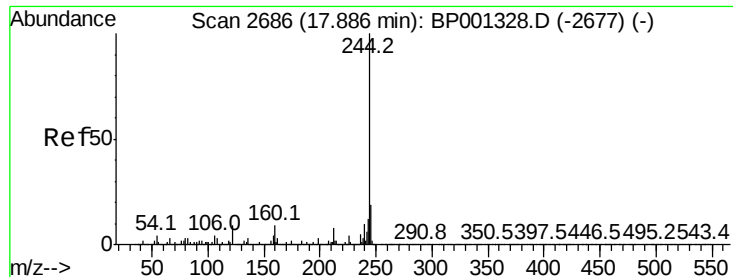


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 91.179 ng

RT: 17.86 min Scan# 2682

Delta R.T. -0.01 min

Lab File: BP001460.D

Acq: 27 Dec 2019 16:13

Instrument :

BNA_P

ClientSampleId :

PB125724BL

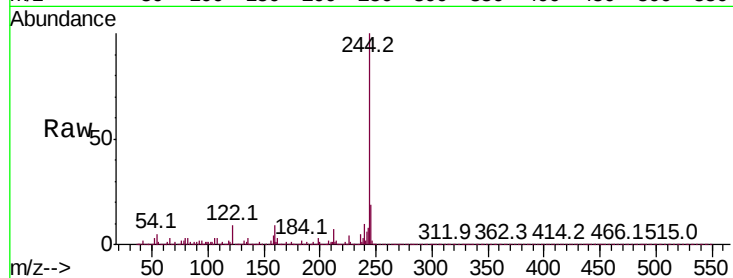
Tot Ion:244 Resp: 439983

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.8
122	9.1	6.4	9.6

244 100

212 7.5 5.8 8.8

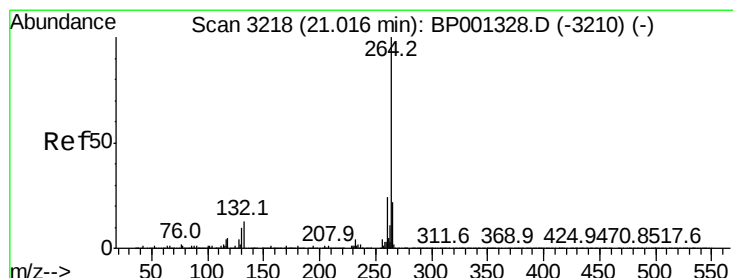
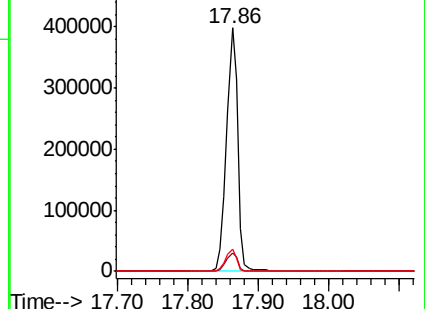
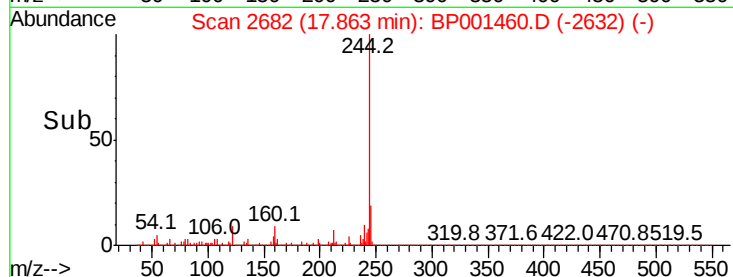
122 9.1 6.4 9.6



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: 20.99 min Scan# 3213

Delta R.T. -0.01 min

Lab File: BP001460.D

Acq: 27 Dec 2019 16:13

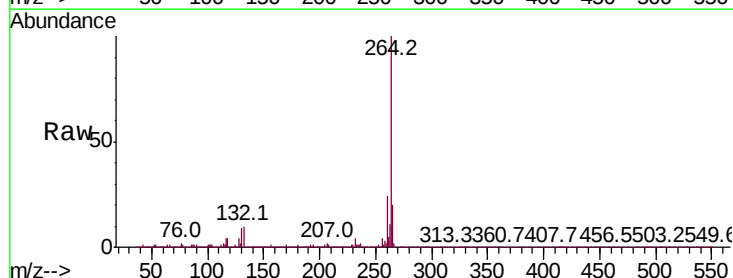
Tgt Ion:264 Resp: 86249

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.0	28.4
265	20.4	17.0	25.4

264 100

260 24.1 19.0 28.4

265 20.4 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

