

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122619\
 Data File : BP001422.D
 Acq On : 26 Dec 2019 15:26
 Operator : JU
 Sample : PB125704BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB125704BL

Quant Time: Dec 27 07:47:11 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	32282	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	116228	20.00	ng	0.00
39) Acenaphthene-d10	13.18	164	68998	20.00	ng	0.00
64) Phenanthrene-d10	15.58	188	141723	20.00	ng	0.00
76) Chrysene-d12	19.22	240	112791	20.00	ng	0.00
87) Perylene-d12	20.99	264	110497	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.20	112	159923	80.07	ng	0.00
7) Phenol-d6	7.74	99	132057	50.67	ng	-0.01
23) Nitrobenzene-d5	9.17	82	258409	85.38	ng	0.00
42) 2,4,6-Tribromophenol	14.48	330	118018	136.81	ng	0.00
45) 2-Fluorobiphenyl	12.10	172	482237	88.38	ng	0.00
79) Terphenyl-d14	17.87	244	688966	104.62	ng	0.00

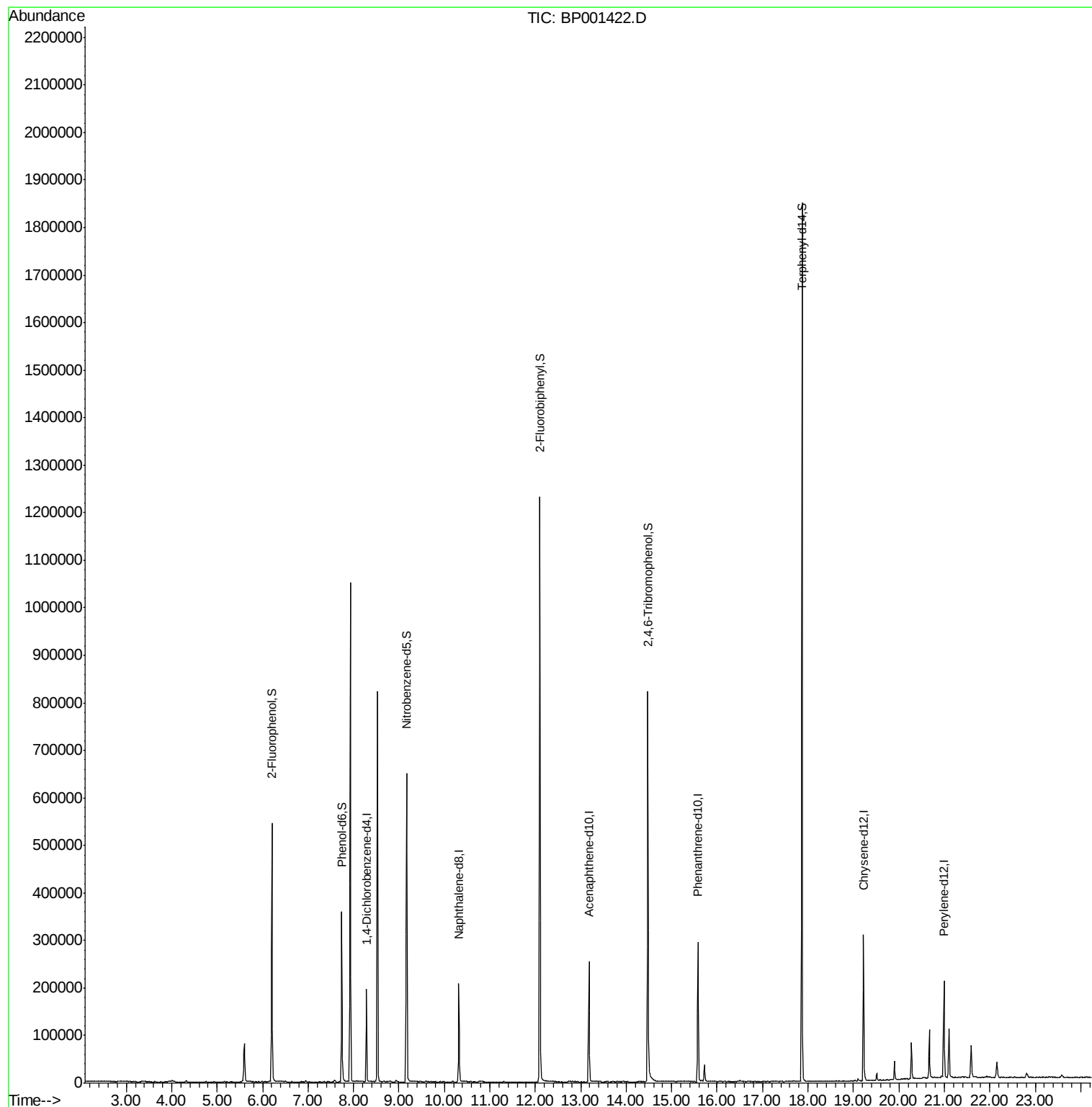
Target Compounds Qvalue

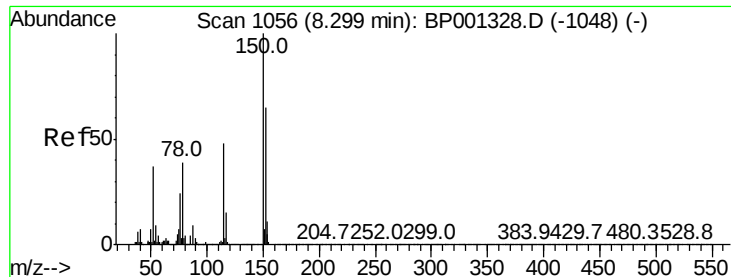
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BP001422.D

Acq: 26 Dec 2019 15:26

Instrument :

BNA_P

ClientSampleId :

PB125704BL

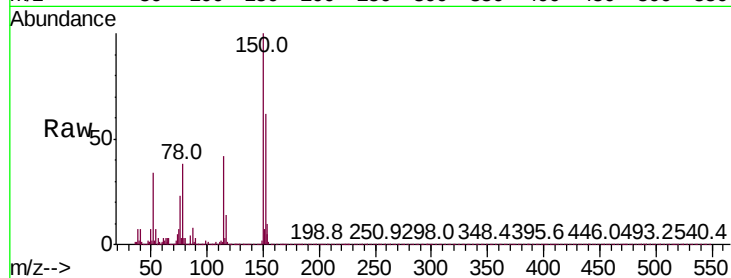
Tot Ion:152 Resp: 32282

Ion Ratio Lower Upper

152 100

150 160.7 127.0 190.6

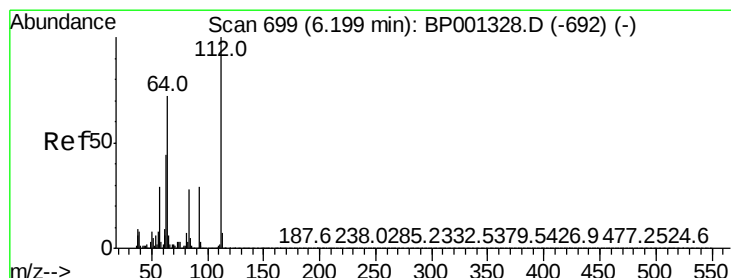
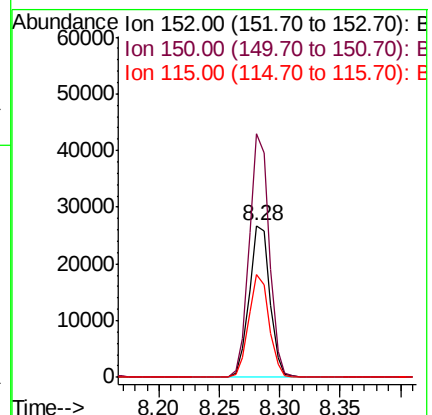
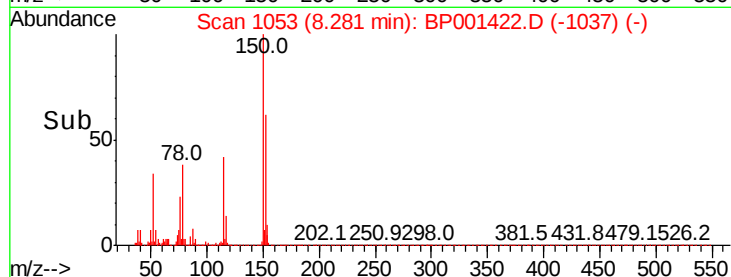
115 67.6 56.1 84.1



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: 80.065 ng

RT: 6.20 min Scan# 700

Delta R.T. 0.01 min

Lab File: BP001422.D

Acq: 26 Dec 2019 15:26

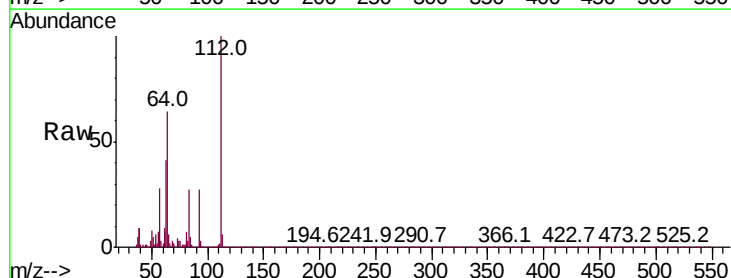
Tgt Ion:112 Resp: 159923

Ion Ratio Lower Upper

112 100

64 64.1 53.9 80.9

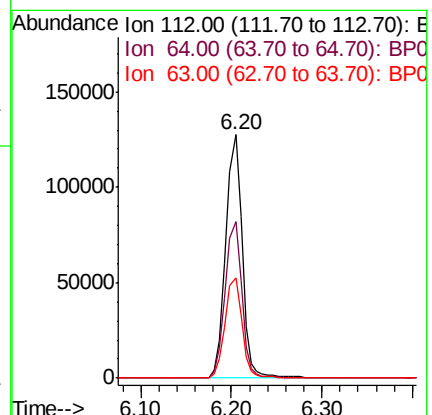
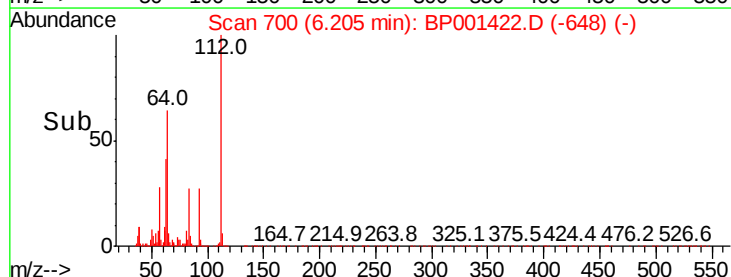
63 41.2 33.4 50.0

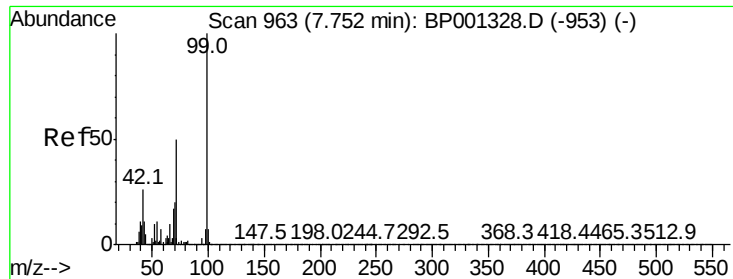


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 50.667 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.01 min

Lab File: BP001422.D

Acq: 26 Dec 2019 15:26

Instrument :

BNA_P

ClientSampleId :

PB125704BL

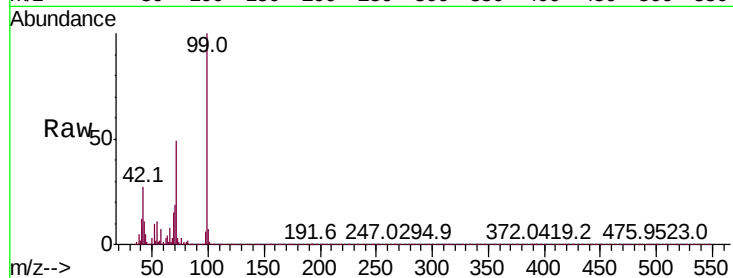
Tot Ion: 99 Resp: 132057

Ion Ratio Lower Upper

99 100

42 27.2 20.8 31.2

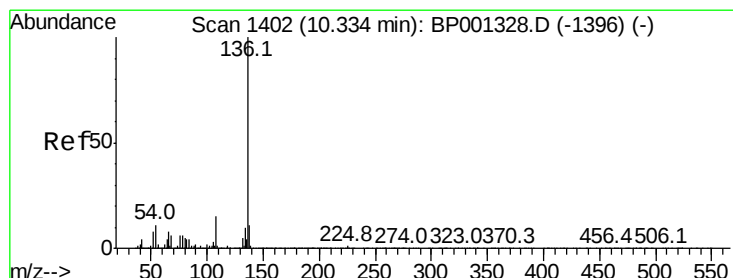
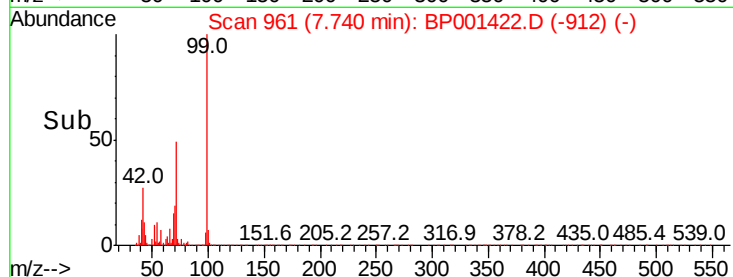
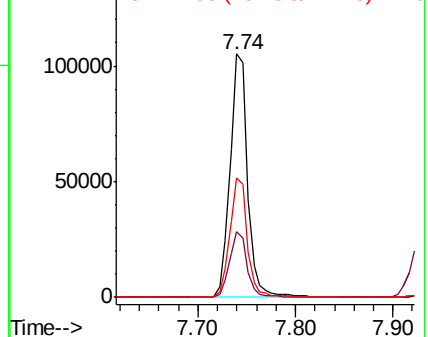
71 49.0 38.2 57.4



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# 1400

Delta R.T. -0.00 min

Lab File: BP001422.D

Acq: 26 Dec 2019 15:26

Tgt Ion: 136 Resp: 116228

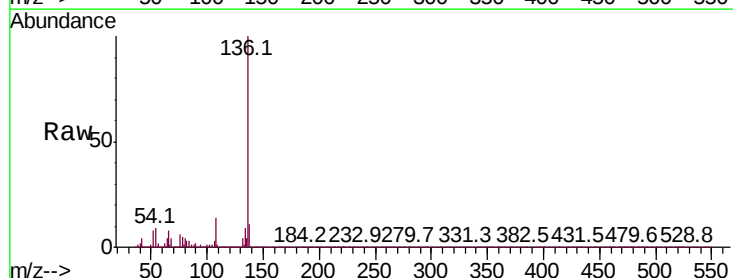
Ion Ratio Lower Upper

136 100

137 10.6 9.0 13.4

54 9.0 7.3 10.9

68 4.3 3.8 5.6

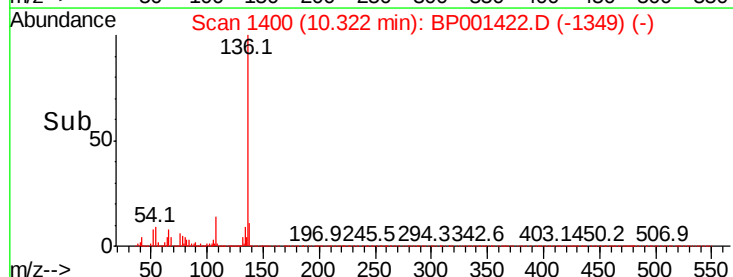
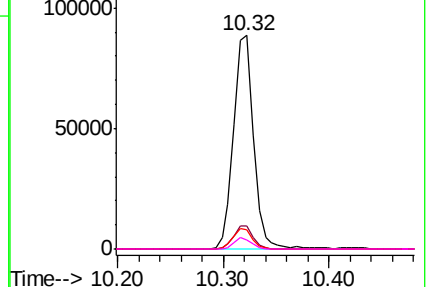


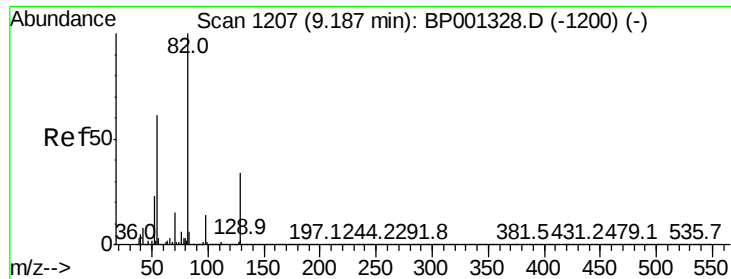
Abundance Ion 136.00 (135.70 to 136.70): E

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

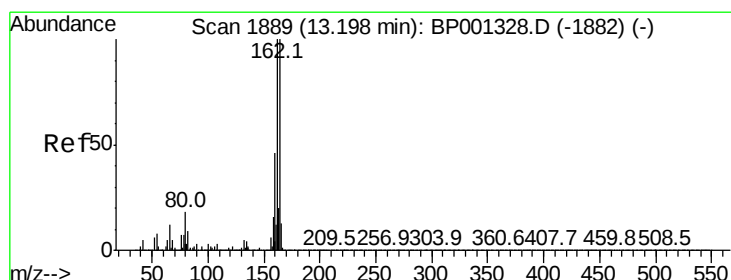
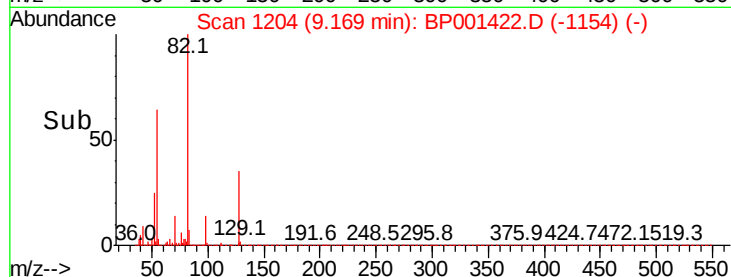
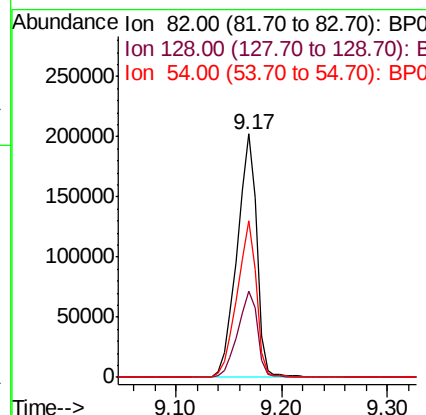
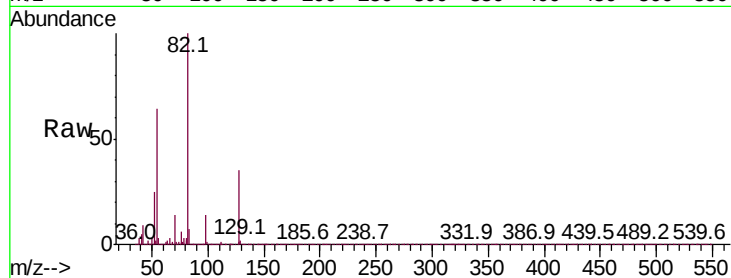




#23
 Nitrobenzene-d5
 Concen: 85.377 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BP001422.D
 Acq: 26 Dec 2019 15:26

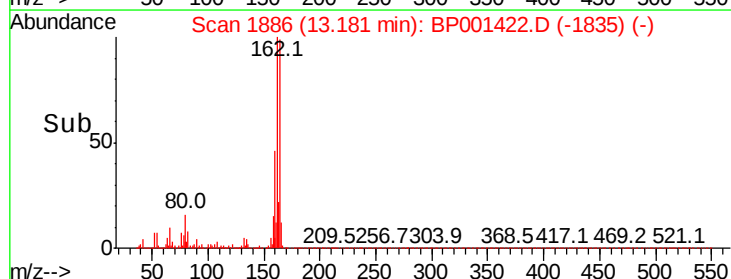
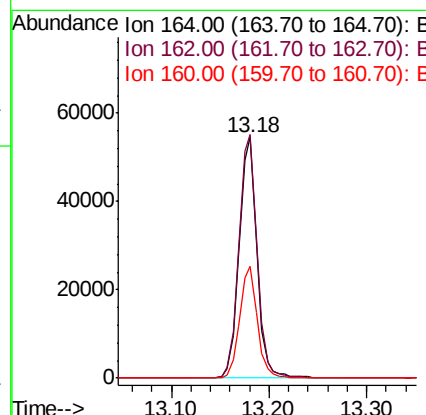
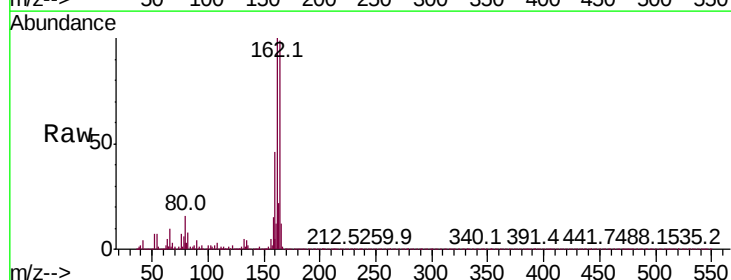
Instrument :
 BNA_P
 ClientSampleId :
 PB125704BL

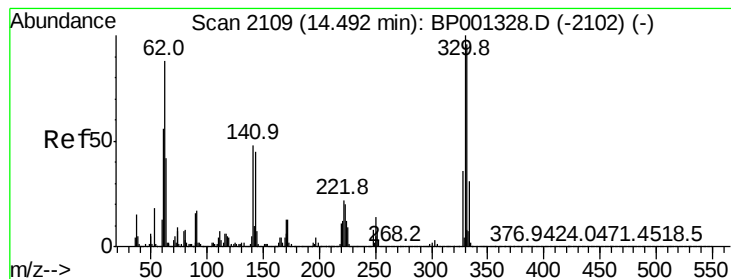
Tot Ion	Ratio	Lower	Upper
82	100		
128	35.1	27.4	41.0
54	64.2	47.5	71.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.18 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: BP001422.D
 Acq: 26 Dec 2019 15:26

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.1	78.2	117.4
160	46.3	35.1	52.7





#42

2,4,6-Tribromophenol

Concen: 136.811 ng

RT: 14.48 min Scan# 2107

Delta R.T. -0.00 min

Lab File: BP001422.D

Acq: 26 Dec 2019 15:26

Instrument :

BNA_P

ClientSampleId :

PB125704BL

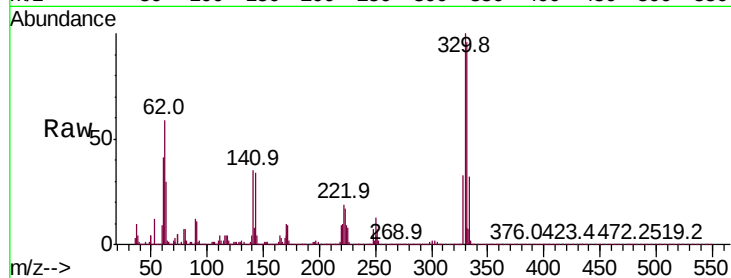
Tot Ion:330 Resp: 118018

Ion Ratio Lower Upper

330 100

332 97.2 78.3 117.5

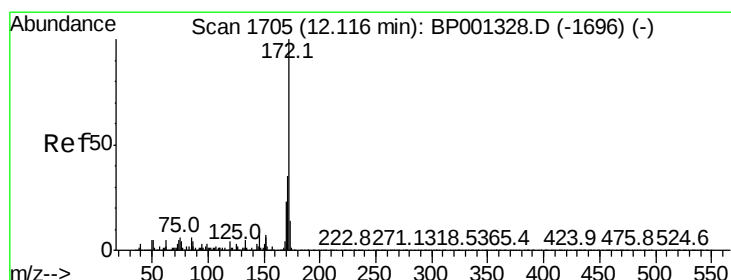
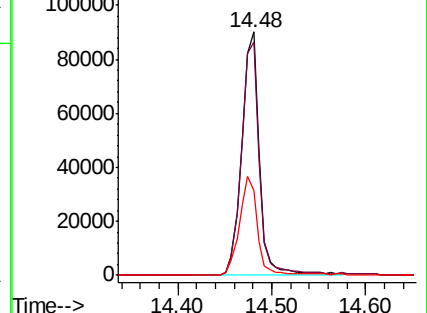
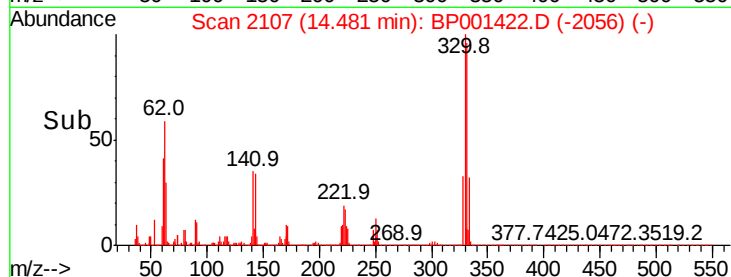
141 41.8 26.8 40.2#



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: 88.377 ng

RT: 12.10 min Scan# 1702

Delta R.T. -0.00 min

Lab File: BP001422.D

Acq: 26 Dec 2019 15:26

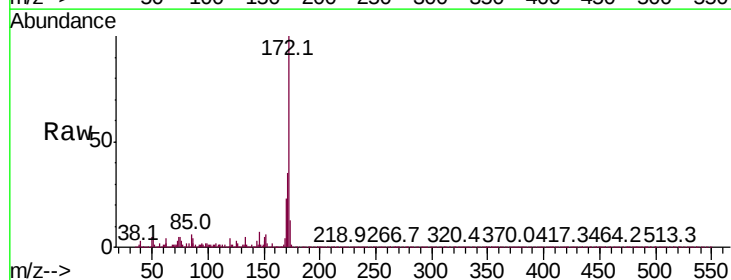
Tgt Ion:172 Resp: 482237

Ion Ratio Lower Upper

172 100

171 35.3 27.4 41.0

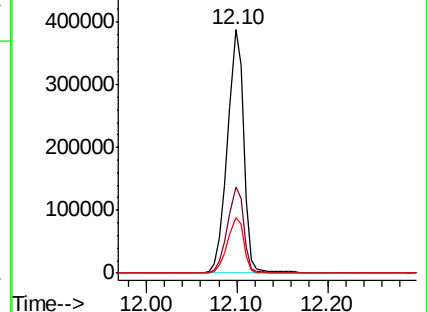
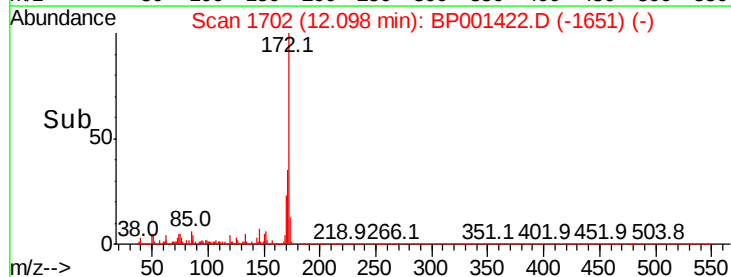
170 23.0 18.2 27.4

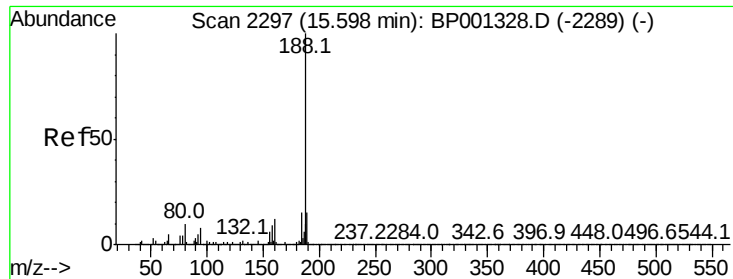


Abundance Ion 172.00 (171.70 to 172.70): E

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: BP001422.D

Acq: 26 Dec 2019 15:26

Instrument :

BNA_P

ClientSampleId :

PB125704BL

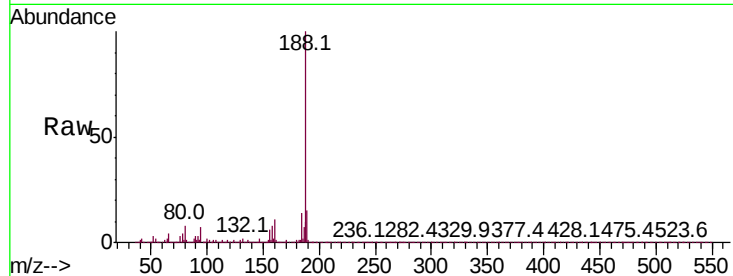
Tot Ion:188 Resp: 141723

Ion Ratio Lower Upper

188 100

94 7.2 5.8 8.8

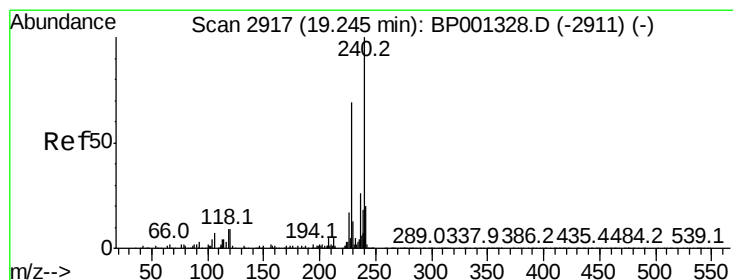
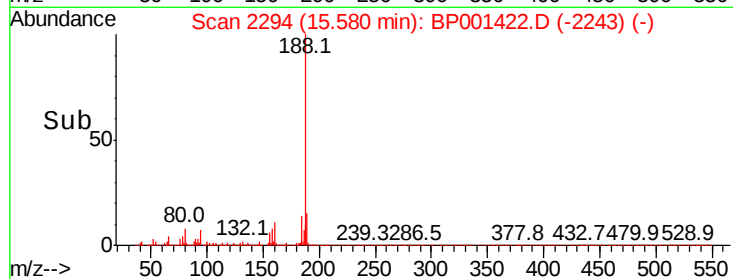
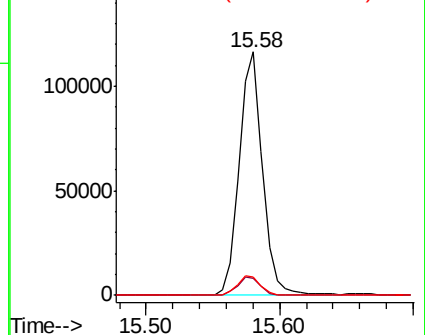
80 7.6 5.7 8.5



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: BP001422.D

Acq: 26 Dec 2019 15:26

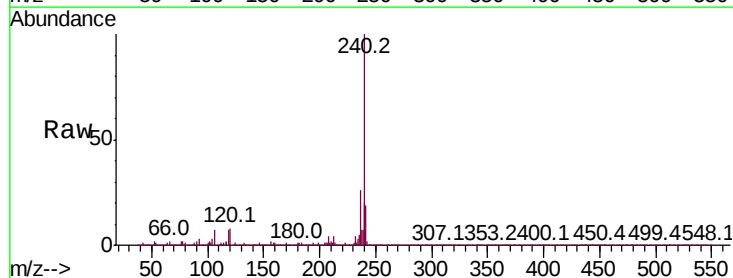
Tgt Ion:240 Resp: 112791

Ion Ratio Lower Upper

240 100

120 7.9 6.2 9.2

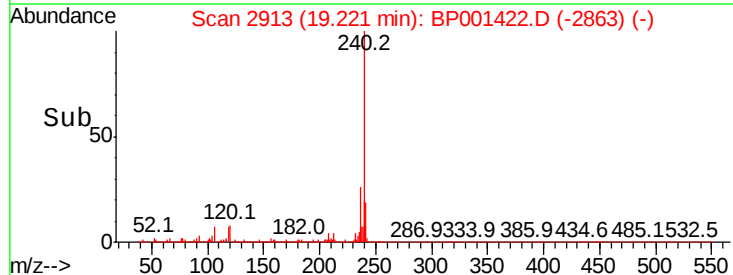
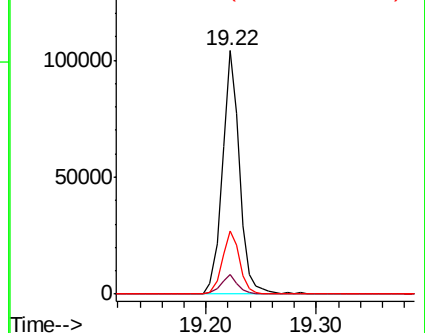
236 26.1 20.2 30.2

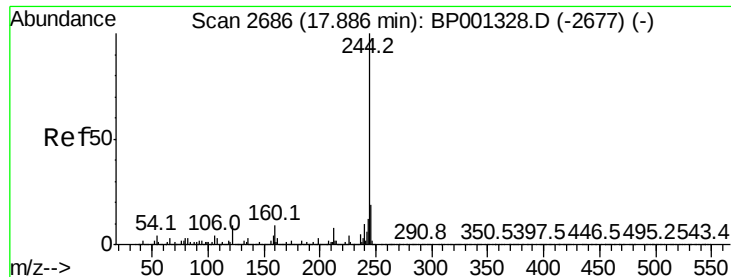


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 104.622 ng

RT: 17.87 min Scan# 2683

Delta R.T. -0.00 min

Lab File: BP001422.D

Acq: 26 Dec 2019 15:26

Instrument :

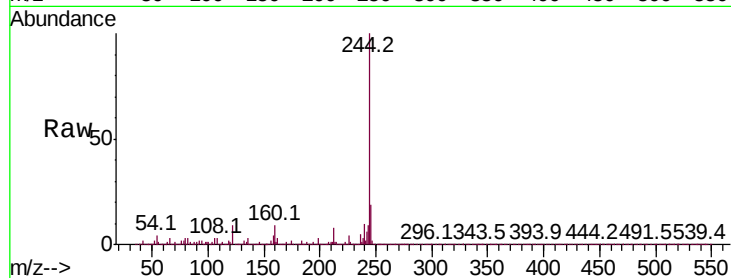
BNA_P

ClientSampleId :

PB125704BL

Tot Ion:244 Resp: 688966

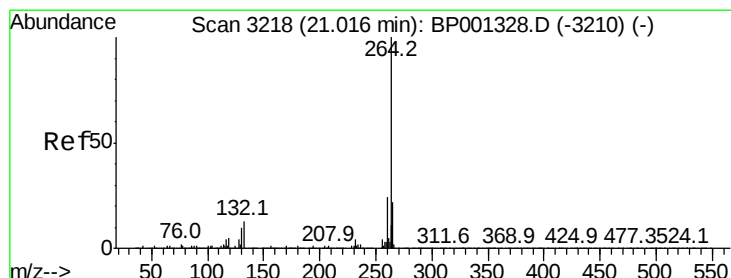
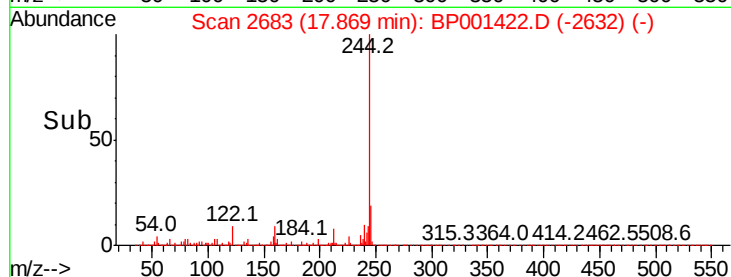
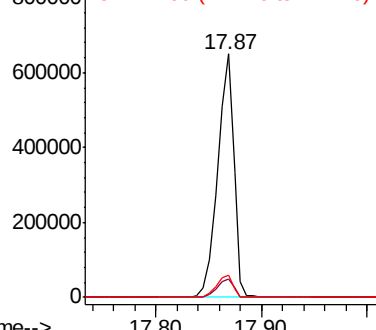
Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.8	8.8
122	9.3	6.4	9.6



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# 3214

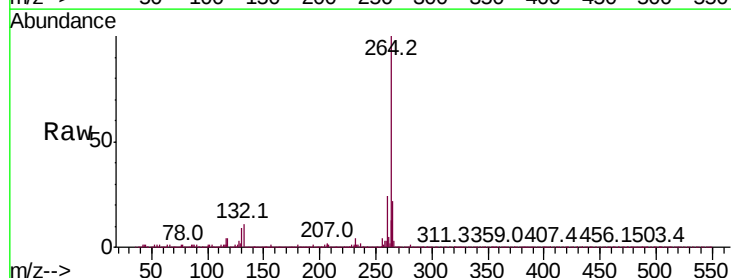
Delta R.T. -0.00 min

Lab File: BP001422.D

Acq: 26 Dec 2019 15:26

Tgt Ion:264 Resp: 110497

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.0	28.4
265	21.6	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

