

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120219\
 Data File : BP001149.D
 Acq On : 03 Dec 2019 04:29
 Operator : JU
 Sample : K6014-07
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CS-04

Quant Time: Dec 03 07:52:20 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	156771	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	584376	20.00	ng	0.00
39) Acenaphthene-d10	13.23	164	323143	20.00	ng	0.00
64) Phenanthrene-d10	15.62	188	599760	20.00	ng	0.00
76) Chrysene-d12	19.27	240	476497	20.00	ng	0.00
87) Perylene-d12	21.05	264	528276	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.23	112	237654	25.15	ng	0.00
7) Phenol-d6	7.77	99	691173	54.90	ng	0.00
23) Nitrobenzene-d5	9.21	82	716031	53.16	ng	0.00
42) 2,4,6-Tribromophenol	14.52	330	17687	5.71	ng	0.00
45) 2-Fluorobiphenyl	12.15	172	1215547	55.05	ng	0.00
79) Terphenyl-d14	17.91	244	1353460	52.55	ng	0.00

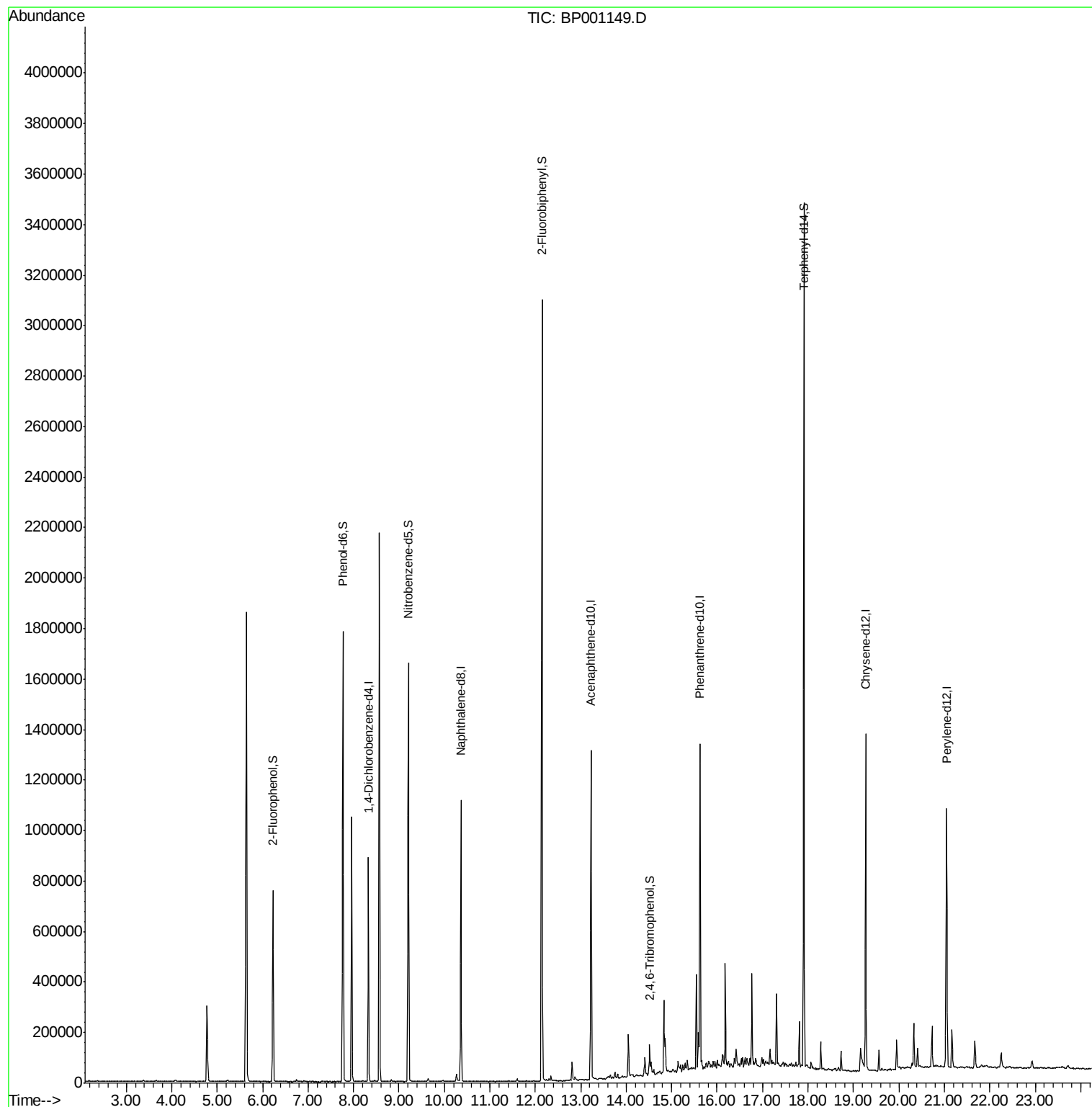
Target Compounds Qvalue

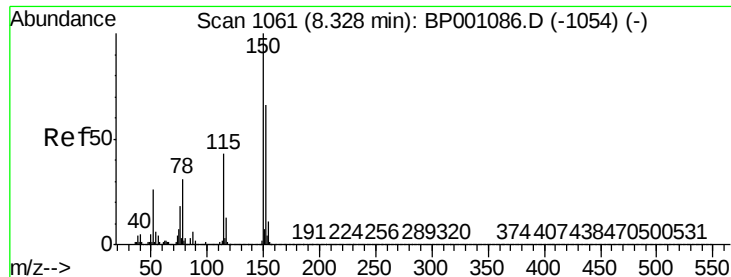
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

Lab File: BP001149.D

Acq: 03 Dec 2019 04:29

Instrument :

BNA_P

ClientSampleId :

CS-04

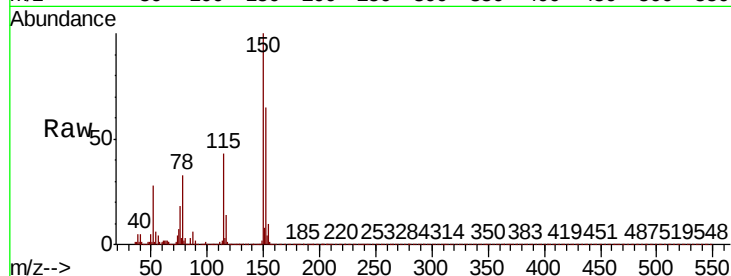
Tot Ion:152 Resp: 156771

Ion Ratio Lower Upper

152 100

150 154.0 120.6 181.0

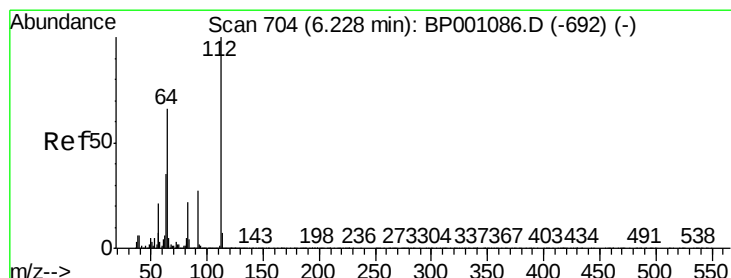
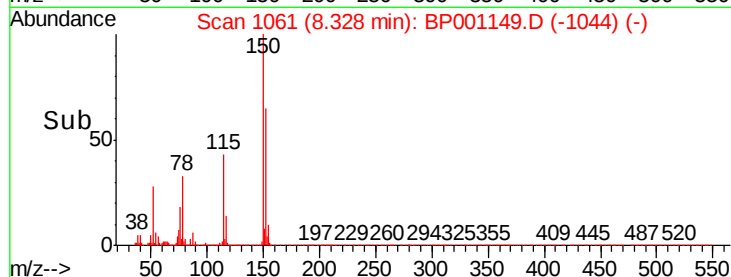
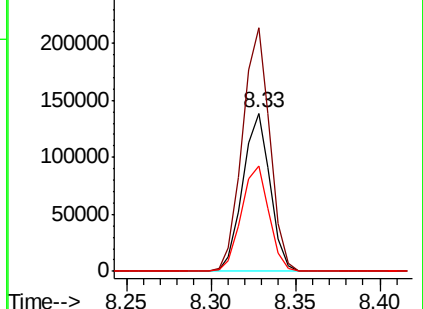
115 66.2 51.6 77.4



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: 25.151 ng

RT: 6.23 min Scan# 704

Delta R.T. 0.00 min

Lab File: BP001149.D

Acq: 03 Dec 2019 04:29

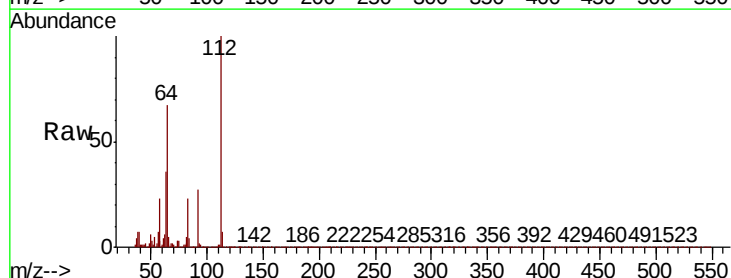
Tgt Ion:112 Resp: 237654

Ion Ratio Lower Upper

112 100

64 67.1 52.8 79.2

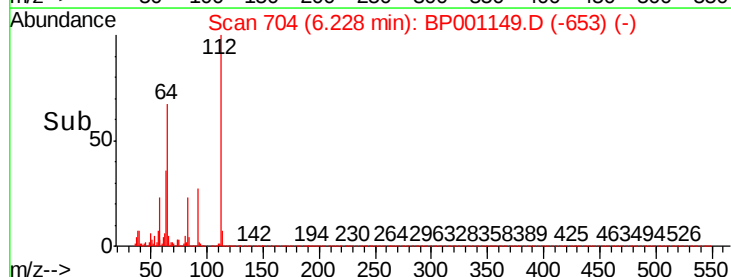
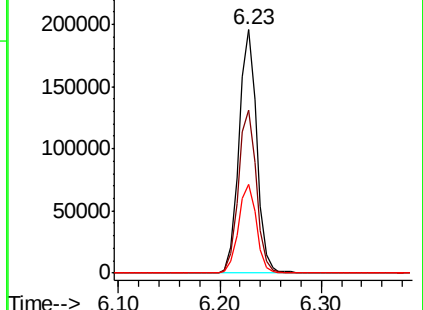
63 36.3 28.2 42.2

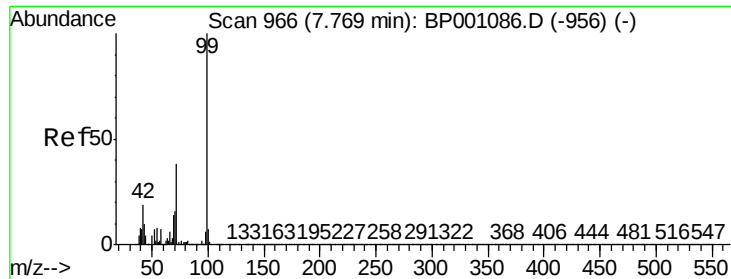


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 54.904 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.00 min

Lab File: BP001149.D

Acq: 03 Dec 2019 04:29

Instrument :

BNA_P

ClientSampleId :

CS-04

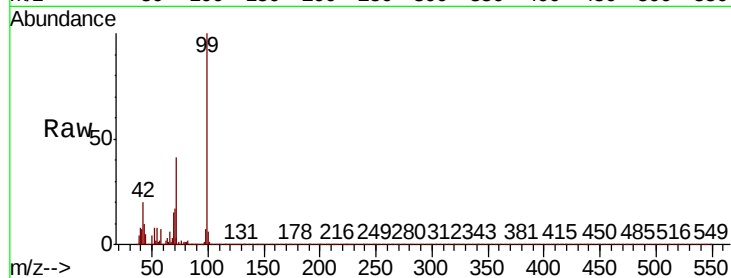
Tot Ion: 99 Resp: 691173

Ion Ratio Lower Upper

99 100

42 20.4 15.4 23.0

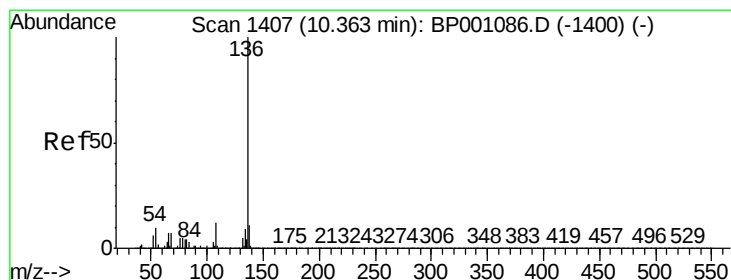
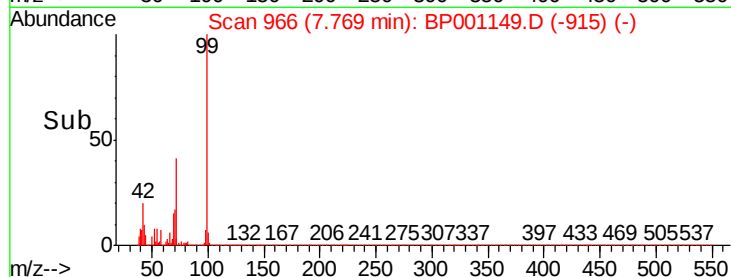
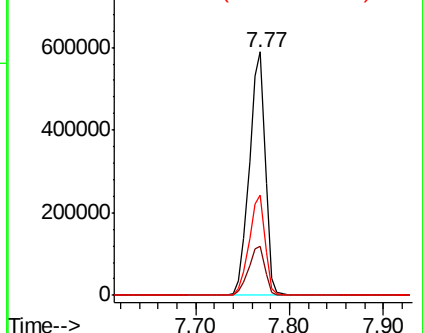
71 41.4 30.8 46.2



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.36 min Scan# 1407

Delta R.T. 0.00 min

Lab File: BP001149.D

Acq: 03 Dec 2019 04:29

Tgt Ion: 136 Resp: 584376

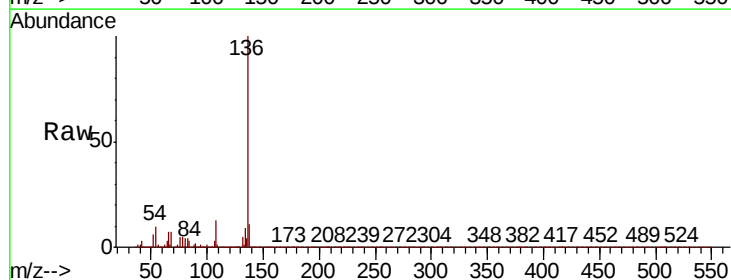
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 9.9 7.9 11.9

68 6.6 5.6 8.4

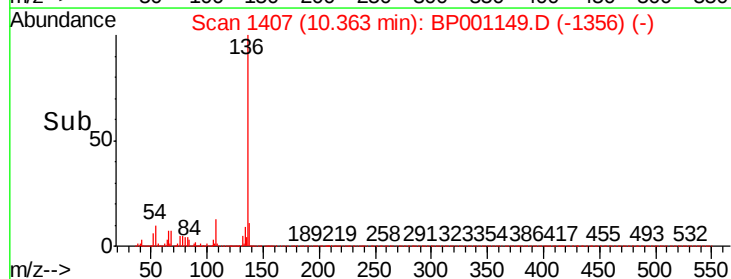
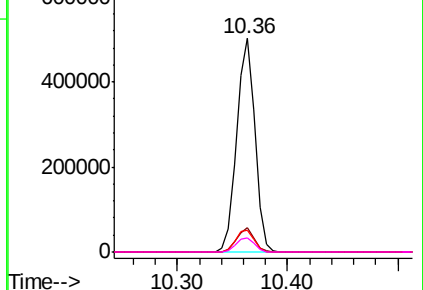


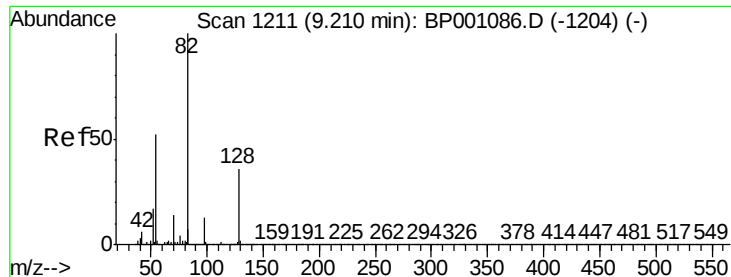
Abundance Ion 136.00 (135.70 to 136.70): E

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

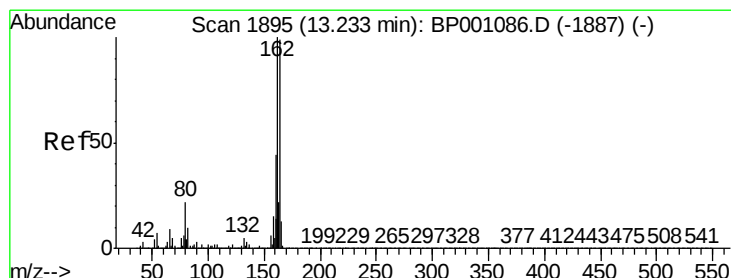
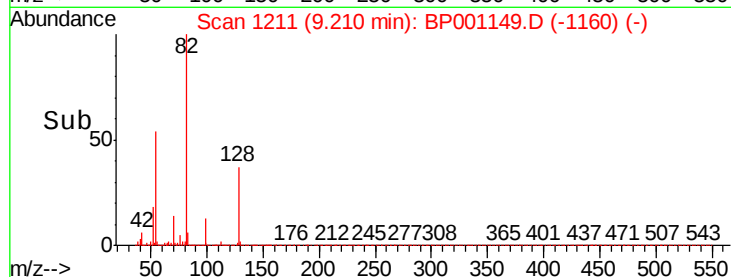
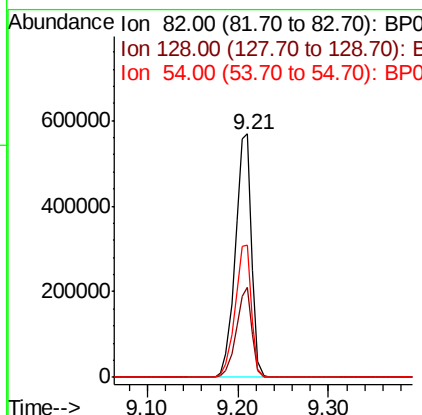
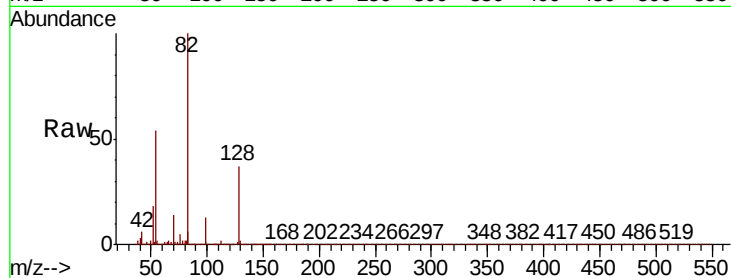




#23
 Nitrobenzene-d5
 Concen: 53.160 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BP001149.D
 Acq: 03 Dec 2019 04:29

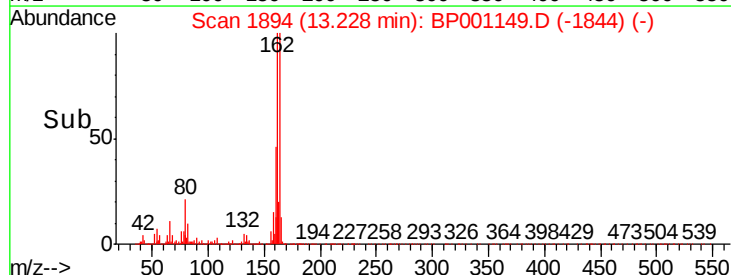
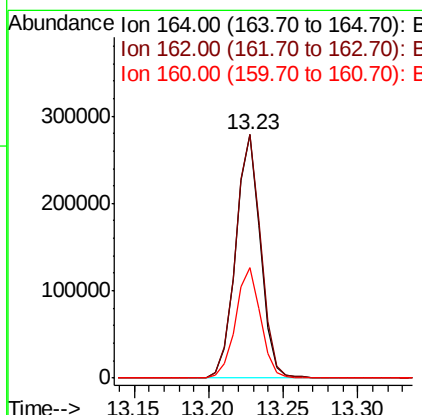
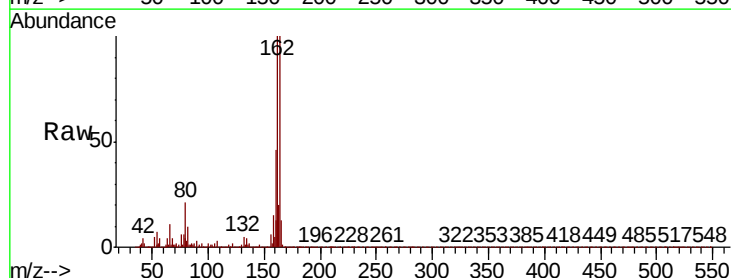
Instrument :
 BNA_P
 ClientSampleId :
 CS-04

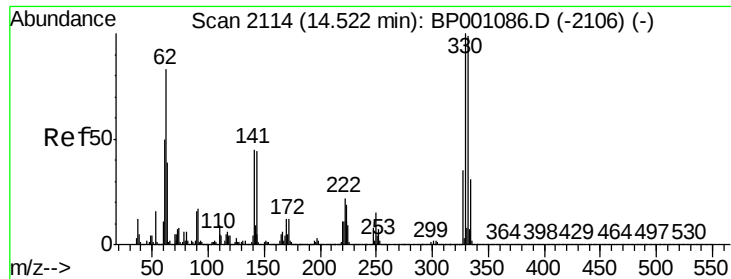
Tot Ion	82	Resp	716031
Ion Ratio	Lower	Upper	
82	100		
128	37.0	28.9	43.3
54	54.4	41.9	62.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.23 min Scan# 1894
 Delta R.T. -0.01 min
 Lab File: BP001149.D
 Acq: 03 Dec 2019 04:29

Tgt Ion	164	Resp	323143
Ion Ratio	Lower	Upper	
164	100		
162	100.2	80.6	120.8
160	45.7	35.4	53.2

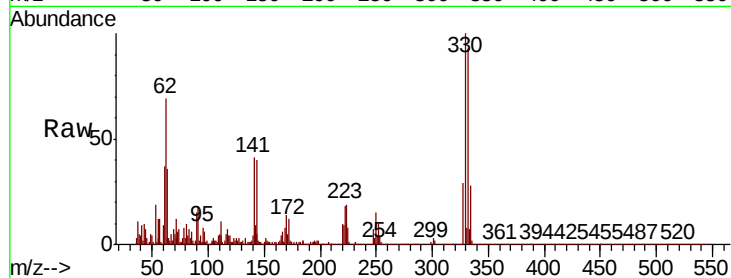




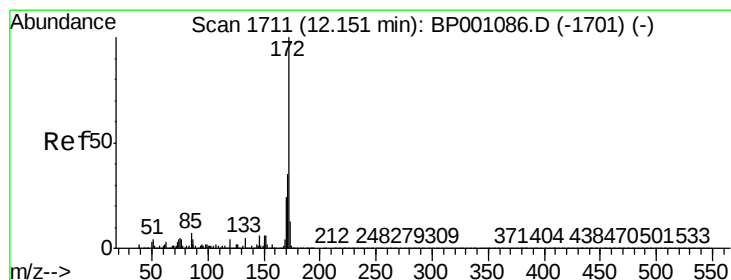
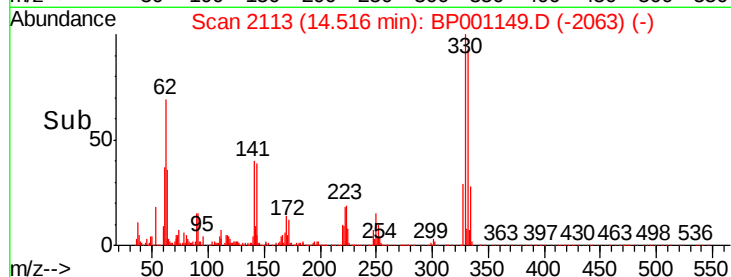
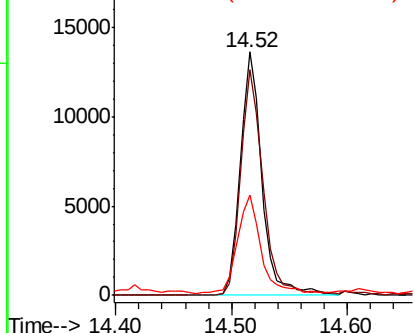
#42
2,4,6-Tribromophenol
Concen: 5.710 ng
RT: 14.52 min Scan# 2113
Delta R.T. -0.01 min
Lab File: BP001149.D
Acq: 03 Dec 2019 04:29

Instrument :
BNA_P
ClientSampleId :
CS-04

Tot Ion:330 Resp: 17687
Ion Ratio Lower Upper
330 100
332 96.4 77.6 116.4
141 45.2 34.2 51.2

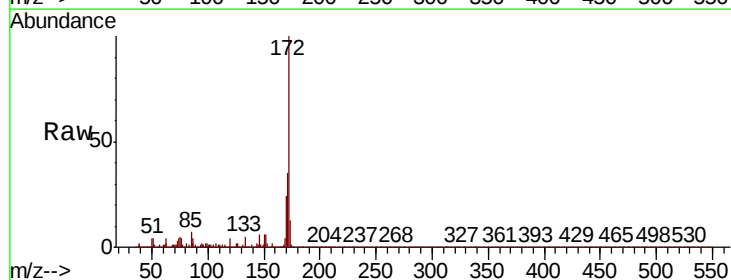


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

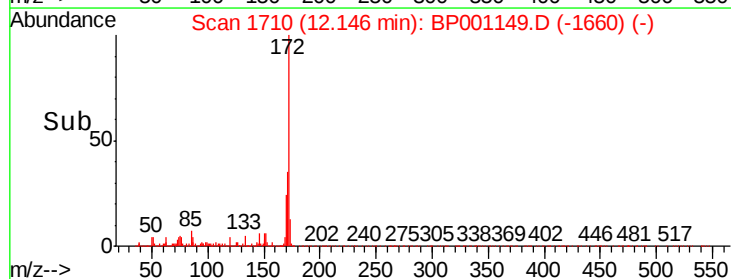
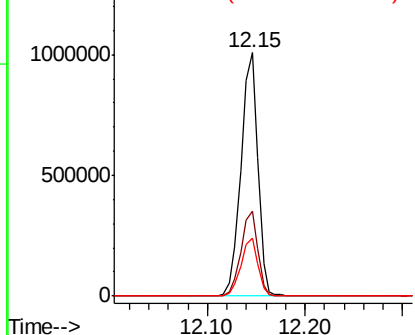


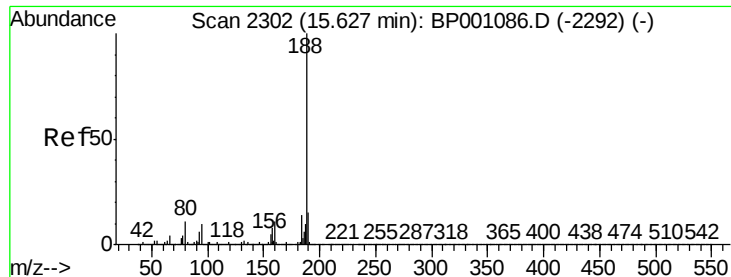
#45
2-Fluorobiphenyl
Concen: 55.054 ng
RT: 12.15 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BP001149.D
Acq: 03 Dec 2019 04:29

Tgt Ion:172 Resp: 1215547
Ion Ratio Lower Upper
172 100
171 34.9 27.9 41.9
170 24.0 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: BP001149.D

Acq: 03 Dec 2019 04:29

Instrument :

BNA_P

ClientSampleId :

CS-04

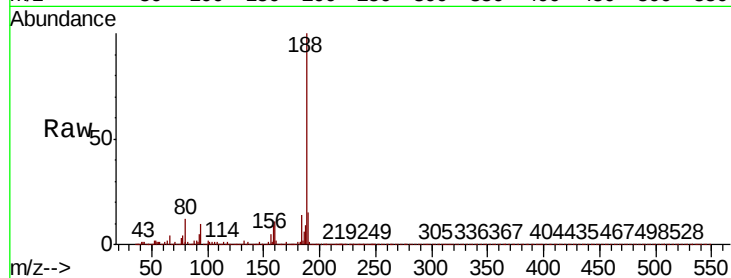
Tot Ion:188 Resp: 599760

Ion	Ratio	Lower	Upper
188	100		
94	10.2	7.9	11.9
80	11.5	8.8	13.2

188 100

94 10.2 7.9 11.9

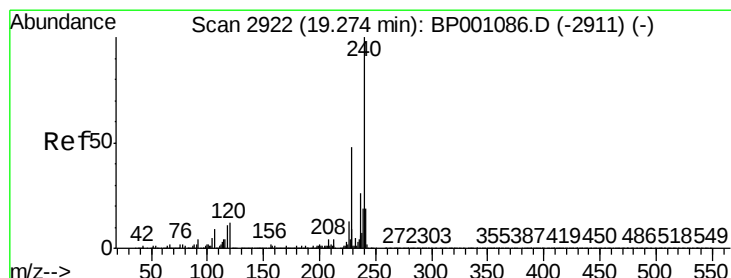
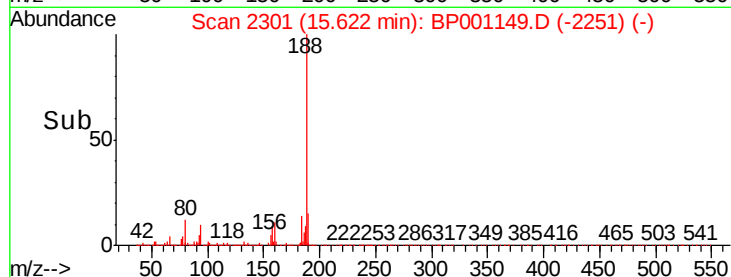
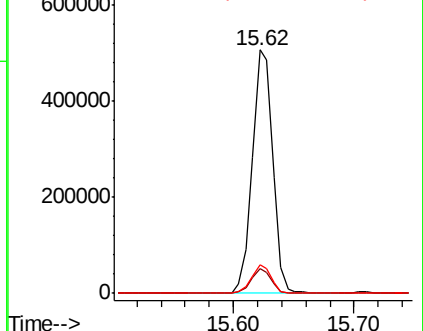
80 11.5 8.8 13.2



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: 19.27 min Scan# 2921

Delta R.T. -0.01 min

Lab File: BP001149.D

Acq: 03 Dec 2019 04:29

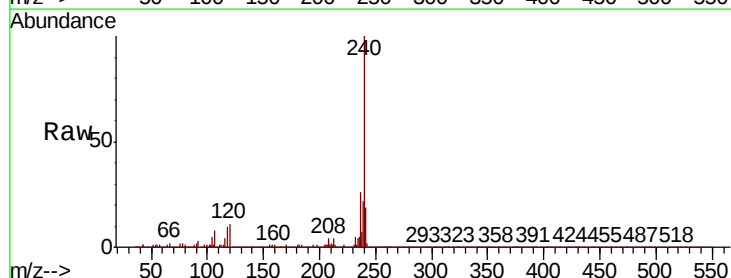
Tgt Ion:240 Resp: 476497

Ion	Ratio	Lower	Upper
240	100		
120	10.5	9.5	14.3
236	26.5	20.4	30.6

240 100

120 10.5 9.5 14.3

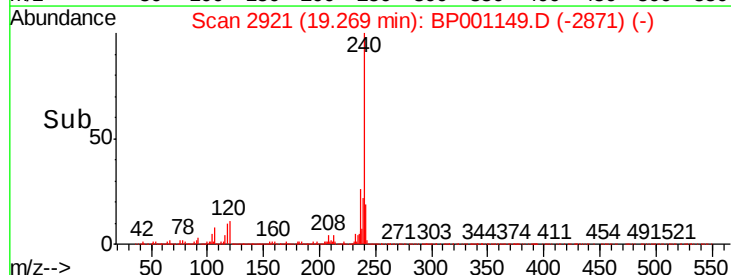
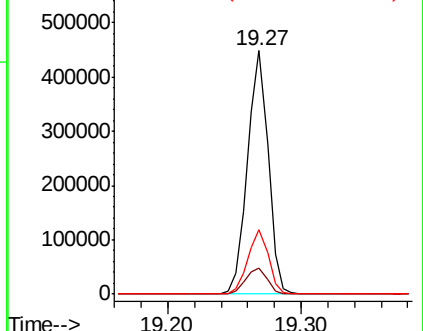
236 26.5 20.4 30.6

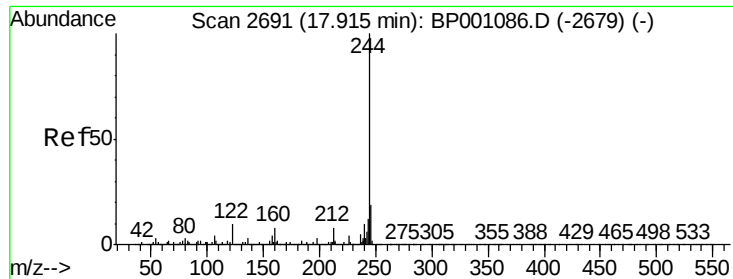


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 52.551 ng

RT: 17.91 min Scan# 2690

Delta R.T. -0.01 min

Lab File: BP001149.D

Acq: 03 Dec 2019 04:29

Instrument :

BNA_P

ClientSampleId :

CS-04

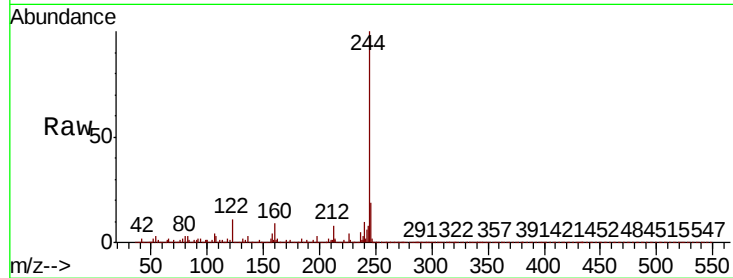
Tot Ion:244 Resp: 1353460

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

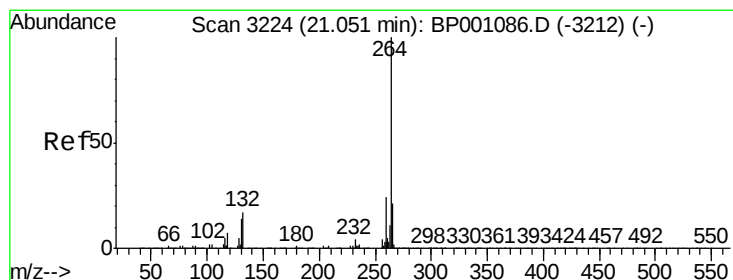
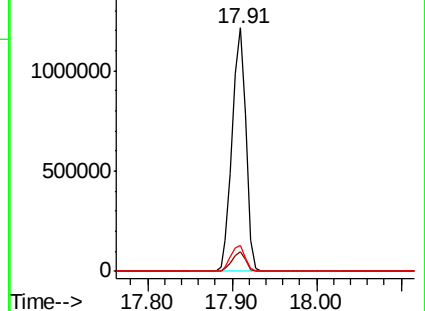
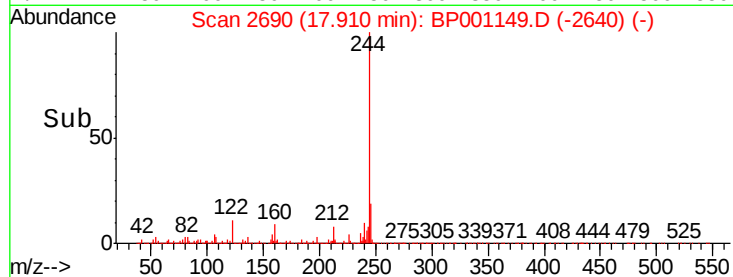
122 10.8 8.2 12.2



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: 21.05 min Scan# 3224

Delta R.T. 0.00 min

Lab File: BP001149.D

Acq: 03 Dec 2019 04:29

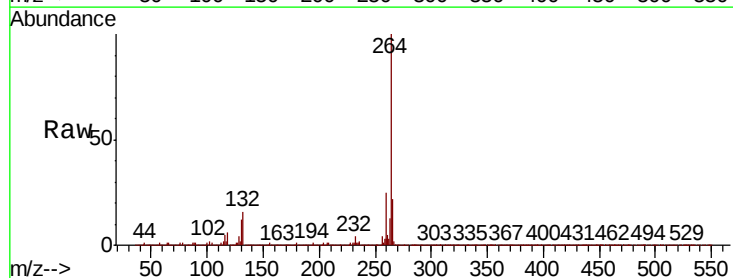
Tgt Ion:264 Resp: 528276

Ion Ratio Lower Upper

264 100

260 24.8 18.8 28.2

265 22.0 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

