

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122819\
 Data File : BP001497.D
 Acq On : 29 Dec 2019 02:02
 Operator : JU
 Sample : K6439-14
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LIED-BF011-01

Quant Time: Dec 29 08:35:36 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	8.27	152	22171	20.00	ng	-0.01
21) Naphthalene-d8	10.31	136	74580	20.00	ng	-0.01
39) Acenaphthene-d10	13.17	164	45295	20.00	ng	0.00
64) Phenanthrene-d10	15.58	188	94812	20.00	ng	0.00
76) Chrysene-d12	19.23	240	76838	20.00	ng	0.00
87) Perylene-d12	21.01	264	81368	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.19	112	148462	108.22	ng	0.00
7) Phenol-d6	7.74	99	199754	111.59	ng	-0.01
23) Nitrobenzene-d5	9.16	82	133196	68.58	ng	-0.02
42) 2,4,6-Tribromophenol	14.47	330	69757	123.18	ng	0.00
45) 2-Fluorobiphenyl	12.09	172	275244	76.84	ng	0.00
79) Terphenyl-d14	17.87	244	380835	84.89	ng	0.00

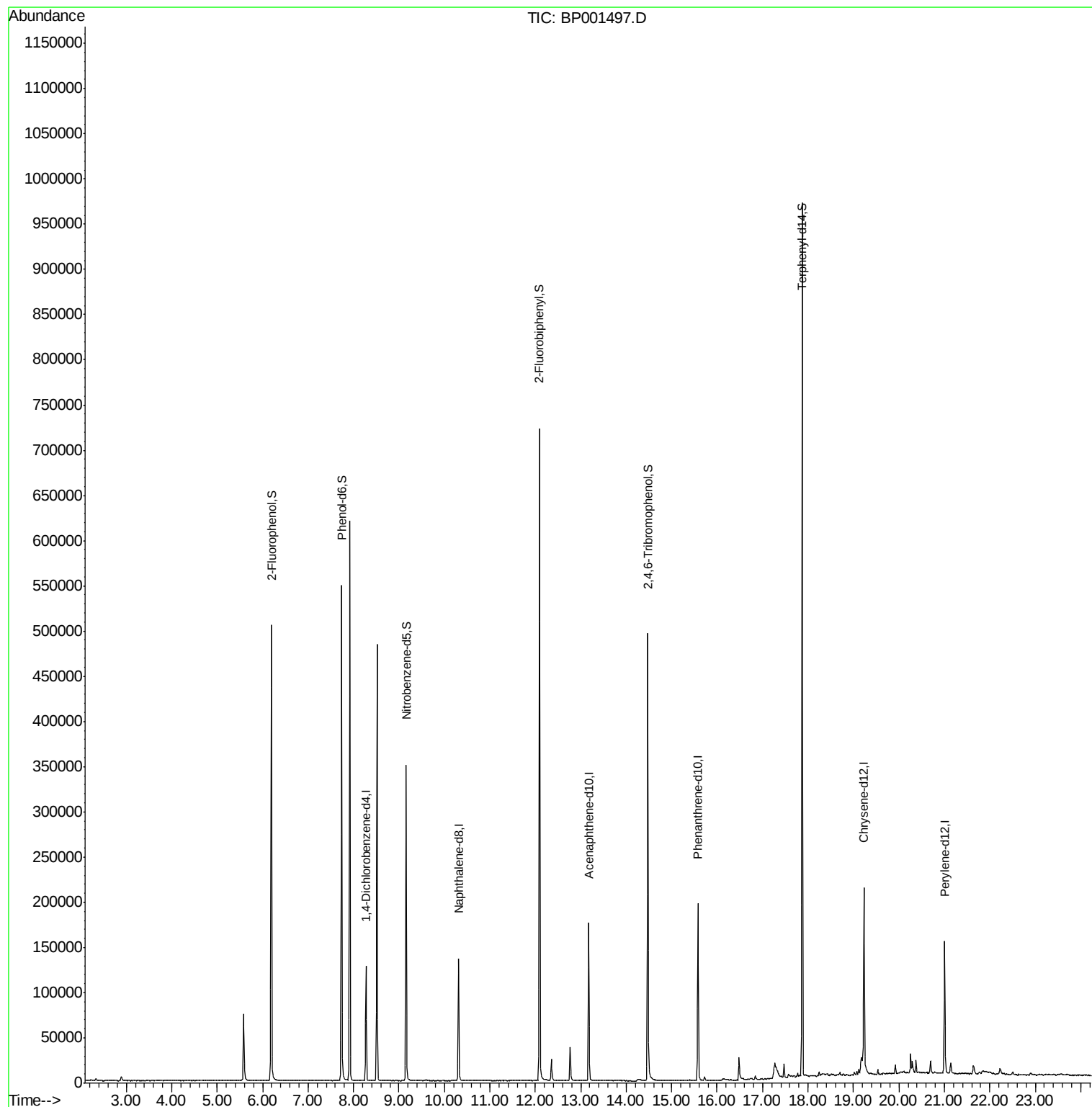
Target Compounds Qvalue

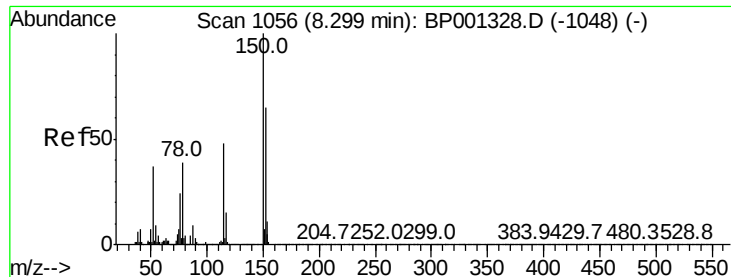
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.27 min Scan# 1052

Delta R.T. -0.01 min

Lab File: BP001497.D

Acq: 29 Dec 2019 02:02

Instrument :

BNA_P

ClientSampleId :

LIED-BF011-01

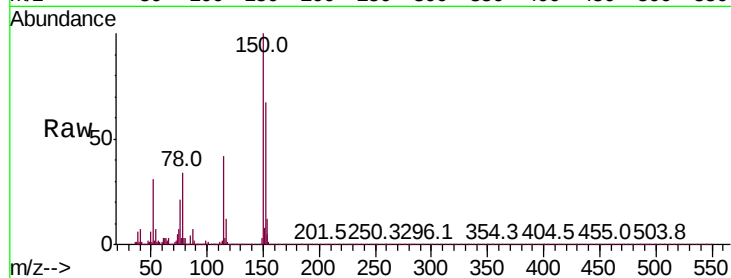
Tot Ion:152 Resp: 22171

Ion Ratio Lower Upper

152 100

150 149.2 127.0 190.6

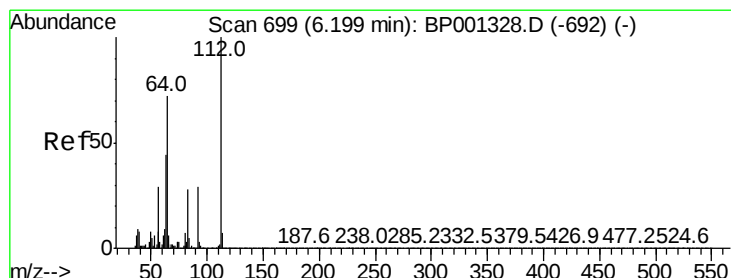
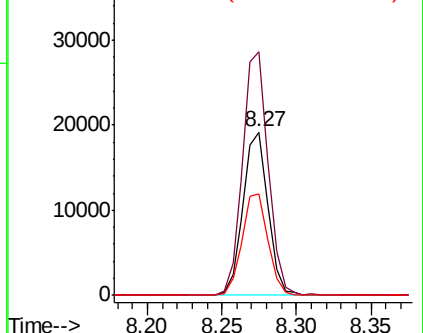
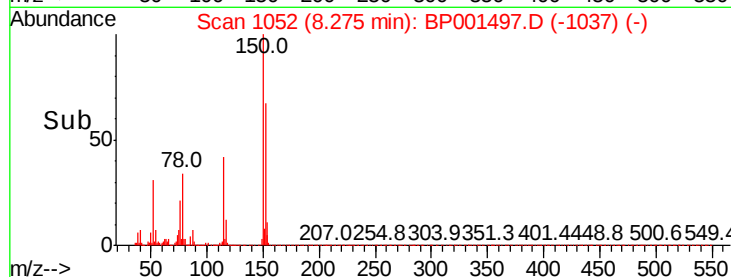
115 62.3 56.1 84.1



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: 108.224 ng

RT: 6.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BP001497.D

Acq: 29 Dec 2019 02:02

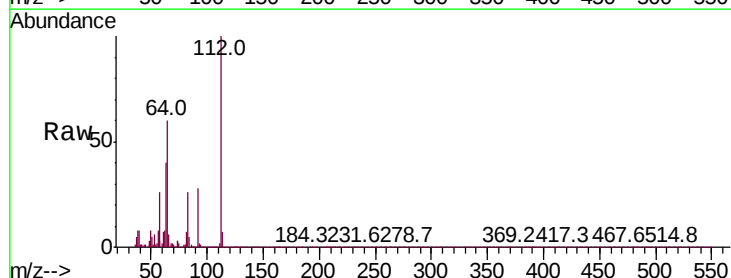
Tgt Ion:112 Resp: 148462

Ion Ratio Lower Upper

112 100

64 59.9 53.9 80.9

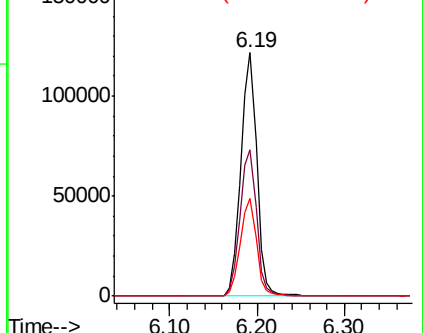
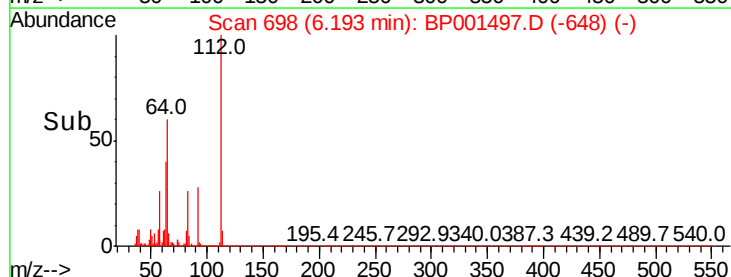
63 39.9 33.4 50.0

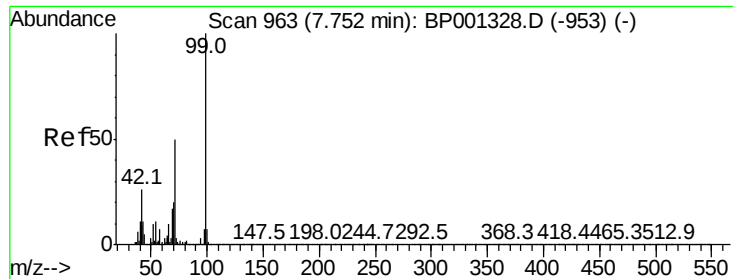


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 111.593 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.01 min

Lab File: BP001497.D

Acq: 29 Dec 2019 02:02

Instrument :

BNA_P

ClientSampleId :

LIED-BF011-01

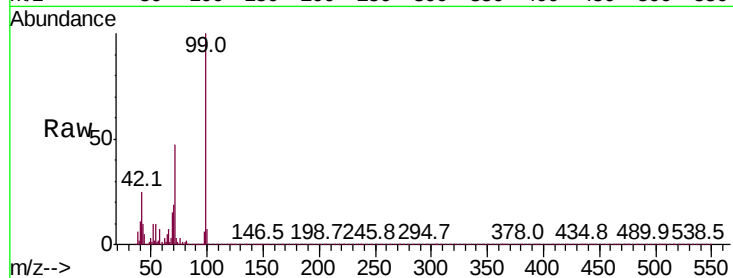
Tot Ion: 99 Resp: 199754

Ion Ratio Lower Upper

99 100

42 24.8 20.8 31.2

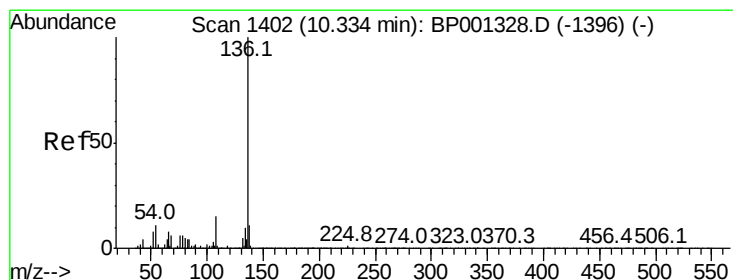
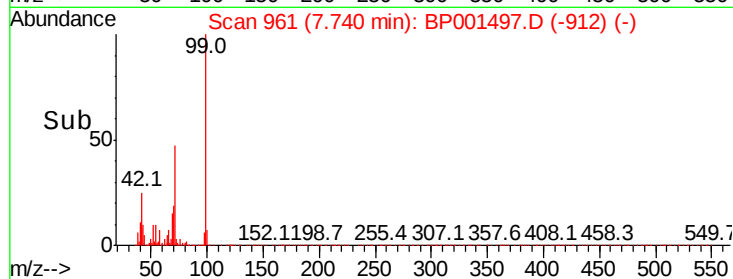
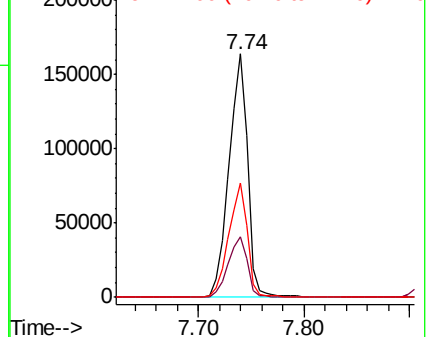
71 46.8 38.2 57.4



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: 10.31 min Scan# 1398

Delta R.T. -0.01 min

Lab File: BP001497.D

Acq: 29 Dec 2019 02:02

Tgt Ion: 136 Resp: 74580

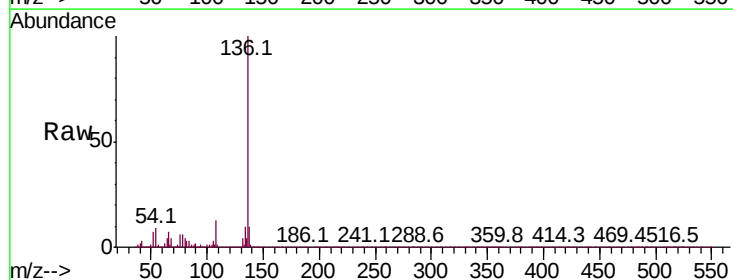
Ion Ratio Lower Upper

136 100

137 9.8 9.0 13.4

54 8.9 7.3 10.9

68 3.8 3.8 5.6

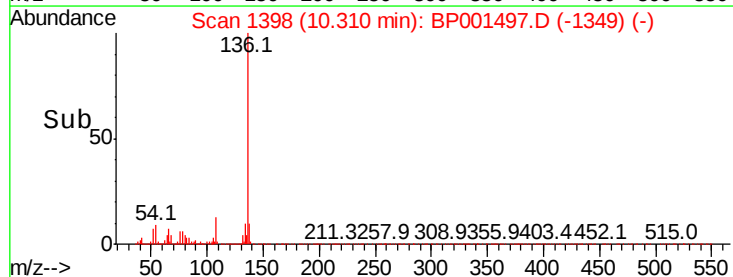
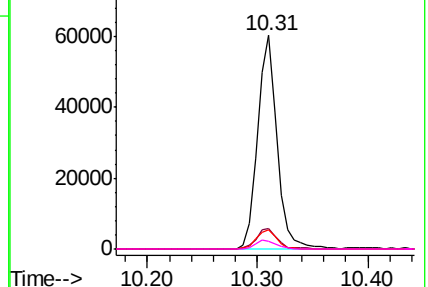


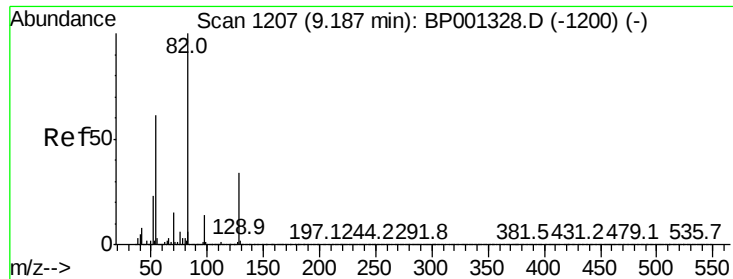
Abundance Ion 136.00 (135.70 to 136.70): E

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: 68.583 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.02 min

Lab File: BP001497.D

Acq: 29 Dec 2019 02:02

Instrument :

BNA_P

ClientSampleId :

LIED-BF011-01

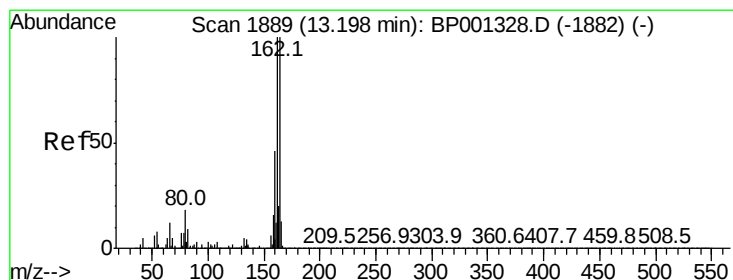
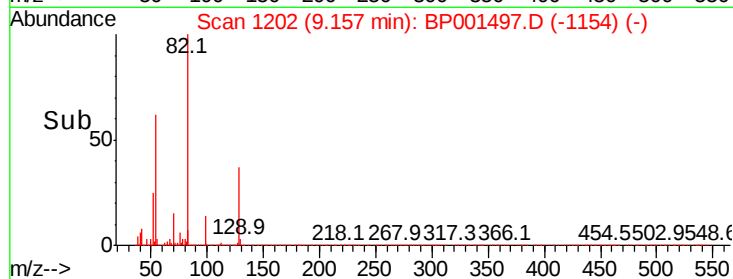
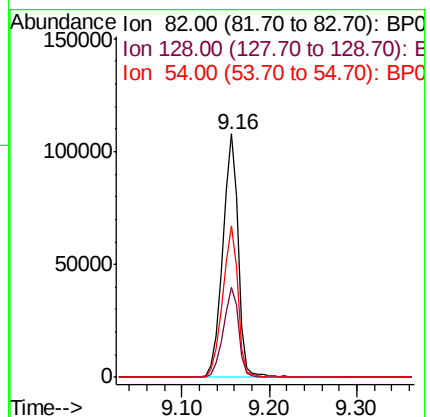
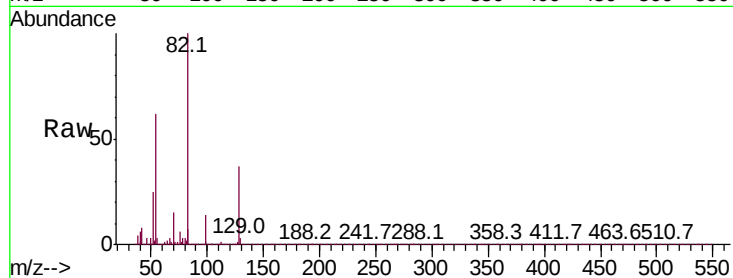
Tot Ion: 82 Resp: 133196

Ion Ratio Lower Upper

82 100

128 37.0 27.4 41.0

54 62.0 47.5 71.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.17 min Scan# 1885

Delta R.T. -0.01 min

Lab File: BP001497.D

Acq: 29 Dec 2019 02:02

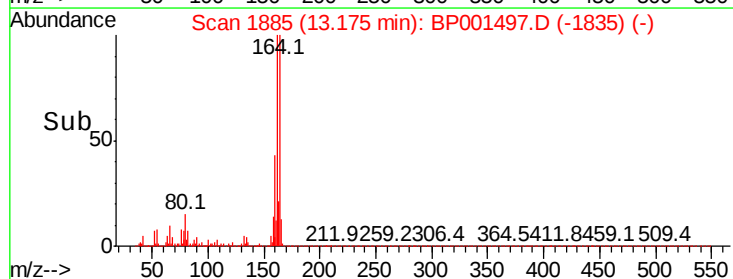
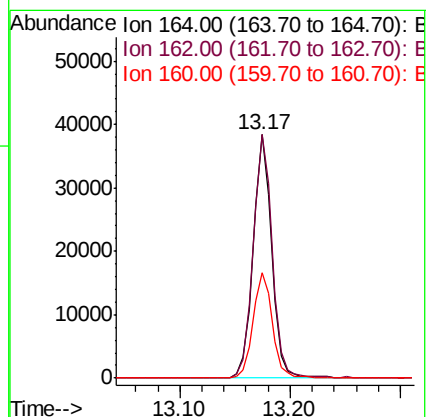
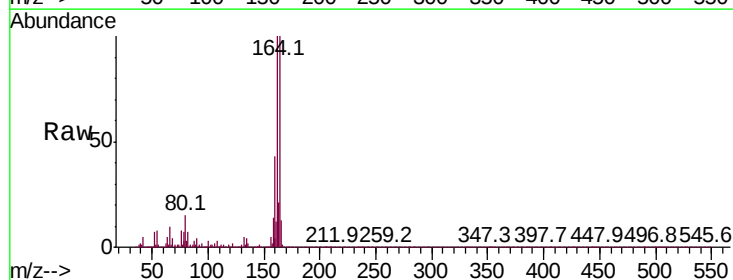
Tgt Ion:164 Resp: 45295

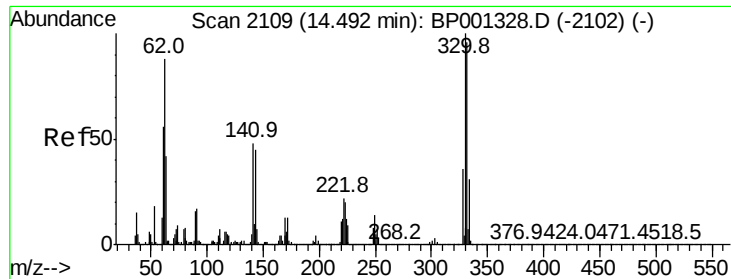
Ion Ratio Lower Upper

164 100

162 100.0 78.2 117.4

160 43.3 35.1 52.7

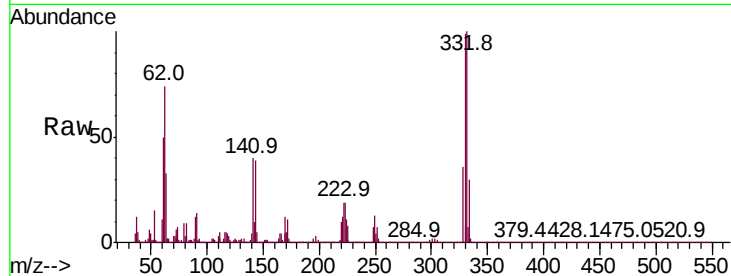




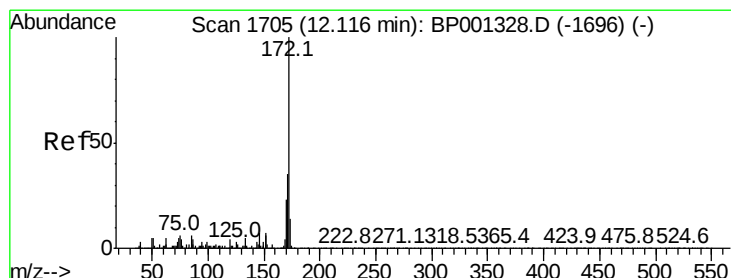
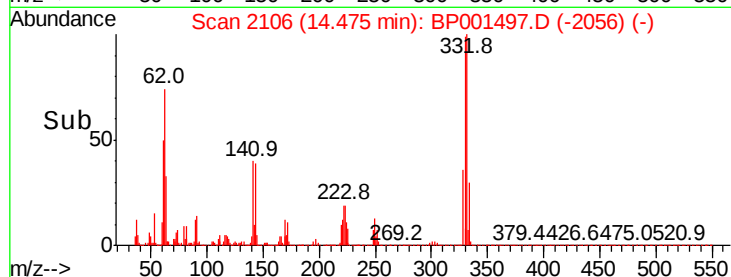
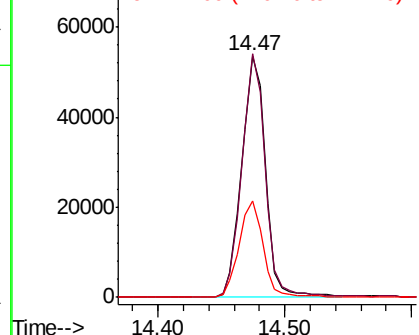
#42
 2,4,6-Tribromophenol
 Concen: 123.182 ng
 RT: 14.47 min Scan# 2106
 Delta R.T. -0.01 min
 Lab File: BP001497.D
 Acq: 29 Dec 2019 02:02

Instrument :
 BNA_P
 ClientSampleId :
 LIED-BF011-01

Tot Ion:330 Resp: 69757
 Ion Ratio Lower Upper
 330 100
 332 98.5 78.3 117.5
 141 40.4 26.8 40.2#

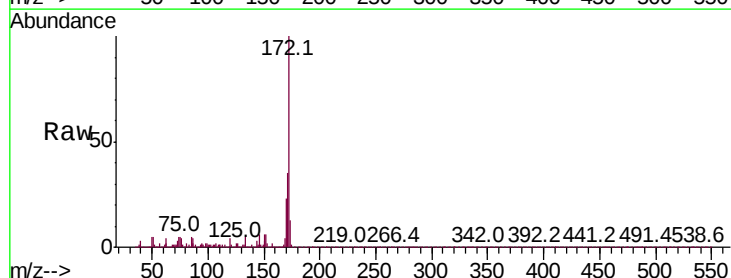


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

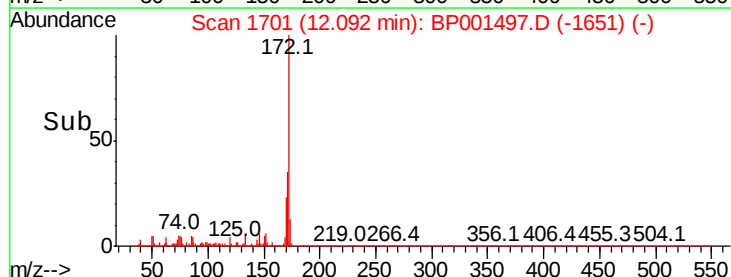
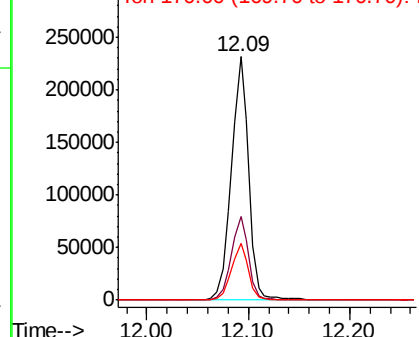


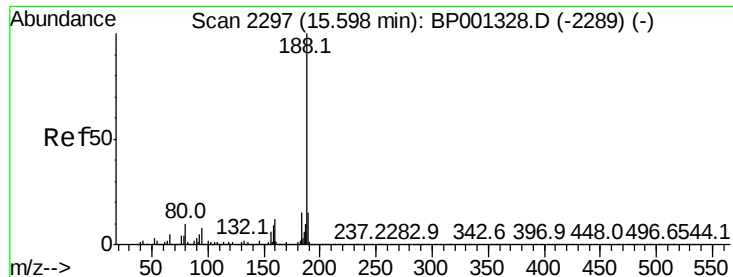
#45
 2-Fluorobiphenyl
 Concen: 76.839 ng
 RT: 12.09 min Scan# 1701
 Delta R.T. -0.01 min
 Lab File: BP001497.D
 Acq: 29 Dec 2019 02:02

Tgt Ion:172 Resp: 275244
 Ion Ratio Lower Upper
 172 100
 171 34.6 27.4 41.0
 170 23.5 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: BP001497.D

Acq: 29 Dec 2019 02:02

Instrument :

BNA_P

ClientSampleId :

LIED-BF011-01

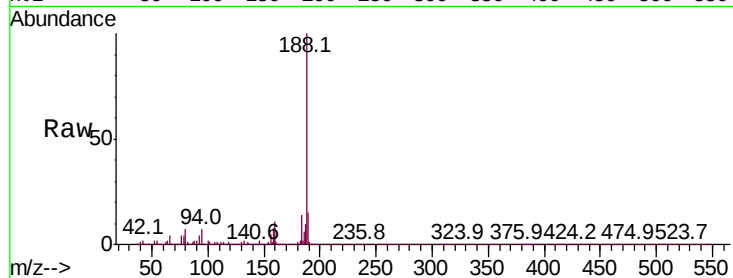
Tot Ion:188 Resp: 94812

Ion Ratio Lower Upper

188 100

94 6.7 5.8 8.8

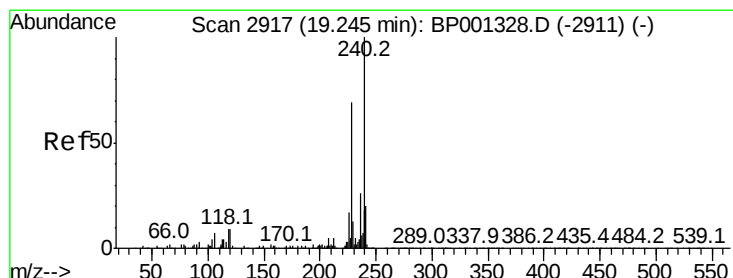
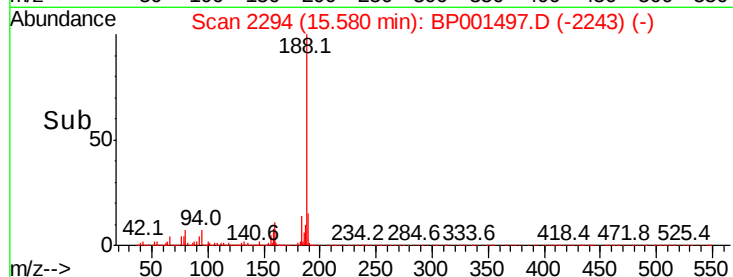
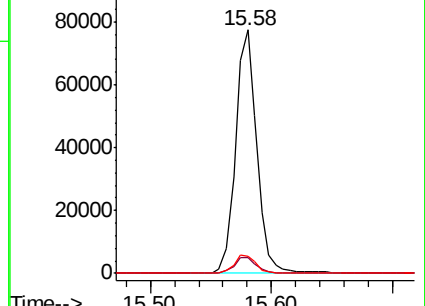
80 7.3 5.7 8.5



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# 2915

Delta R.T. 0.01 min

Lab File: BP001497.D

Acq: 29 Dec 2019 02:02

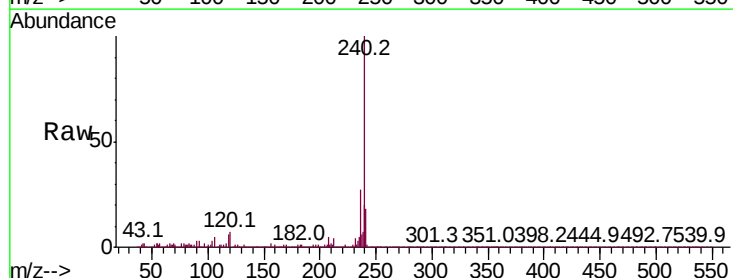
Tgt Ion:240 Resp: 76838

Ion Ratio Lower Upper

240 100

120 7.1 6.2 9.2

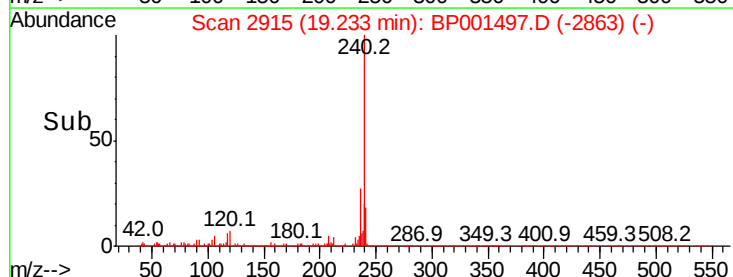
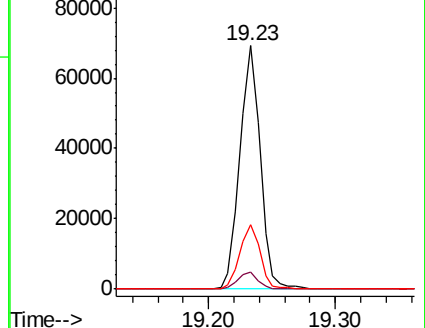
236 26.6 20.2 30.2

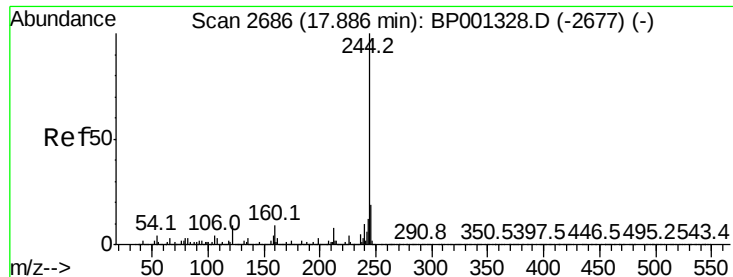


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 84.890 ng

RT: 17.87 min Scan# 2684

Delta R.T. 0.01 min

Lab File: BP001497.D

Acq: 29 Dec 2019 02:02

Instrument :

BNA_P

ClientSampleId :

LIED-BF011-01

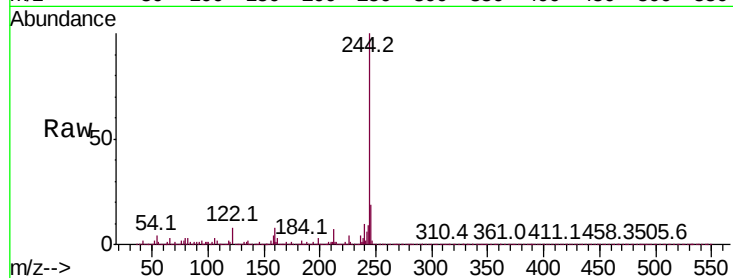
Tot Ion:244 Resp: 380835

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

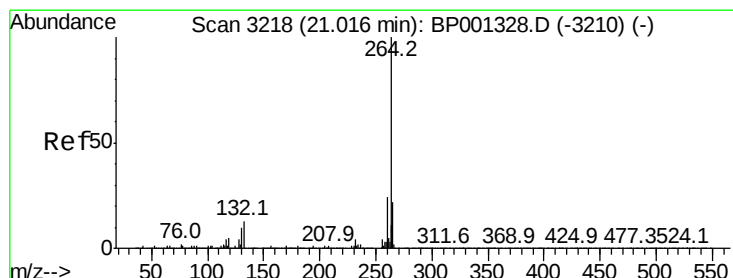
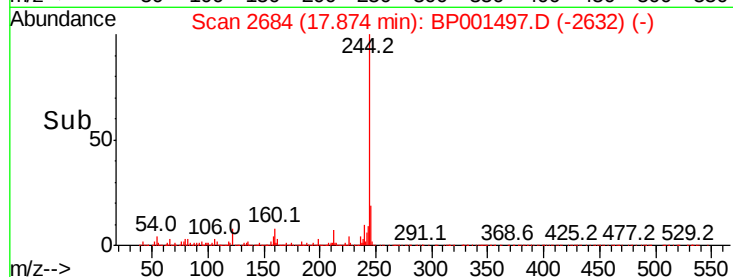
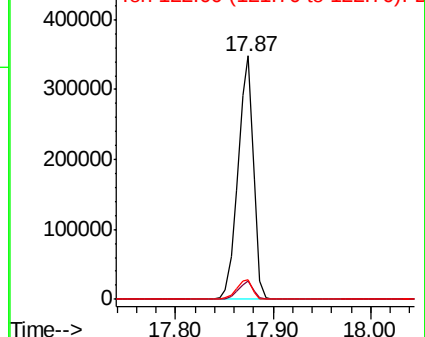
122 8.0 6.4 9.6



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: 21.01 min Scan# 3217

Delta R.T. 0.02 min

Lab File: BP001497.D

Acq: 29 Dec 2019 02:02

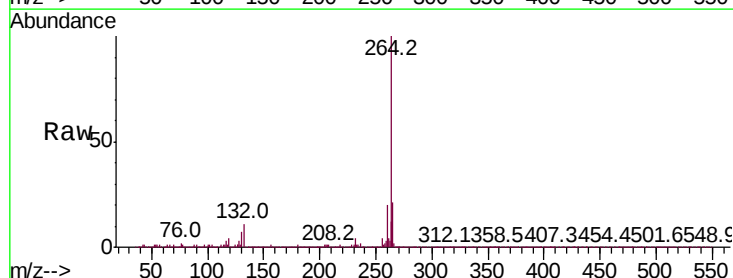
Tgt Ion:264 Resp: 81368

Ion Ratio Lower Upper

264 100

260 20.2 19.0 28.4

265 20.7 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

