

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120719\
 Data File : BP001253.D
 Acq On : 07 Dec 2019 14:37
 Operator : JU
 Sample : K6135-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 COMP-35

Quant Time: Dec 09 01:26:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 05 12:34:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.31	152	82011	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	303273	20.00	ng	-0.01
39) Acenaphthene-d10	13.20	164	175946	20.00	ng	0.00
64) Phenanthrene-d10	15.60	188	348681	20.00	ng	0.00
76) Chrysene-d12	19.25	240	271479	20.00	ng	-0.01
87) Perylene-d12	21.02	264	270181	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.24	112	692729	140.14	ng	0.03
7) Phenol-d6	7.78	99	939069	142.60	ng	0.01
23) Nitrobenzene-d5	9.19	82	656807	93.96	ng	0.00
42) 2,4,6-Tribromophenol	14.50	330	276520	163.97	ng	0.00
45) 2-Fluorobiphenyl	12.12	172	1078691	89.73	ng	-0.01
79) Terphenyl-d14	17.89	244	1453707	99.07	ng	0.00

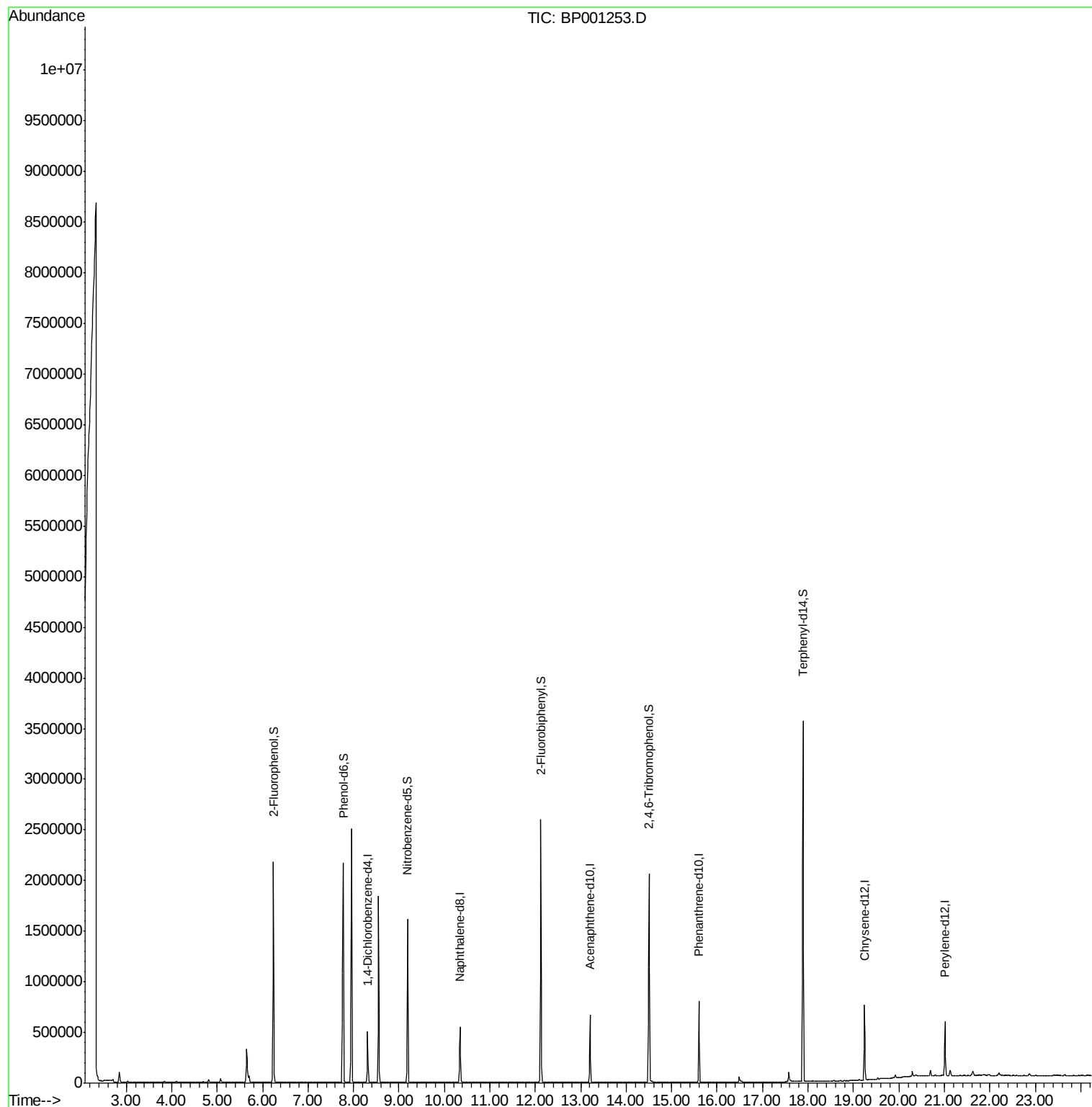
Target Compounds Qvalue

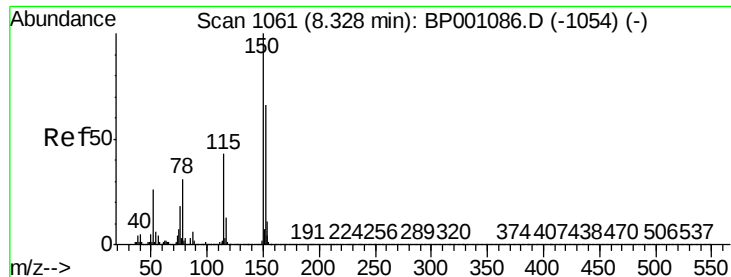
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.31 min Scan# 1058

Delta R.T. 0.00 min

Lab File: BP001253.D

Acq: 07 Dec 2019 14:37

Instrument :

BNA_P

ClientSampleId :

COMP-35

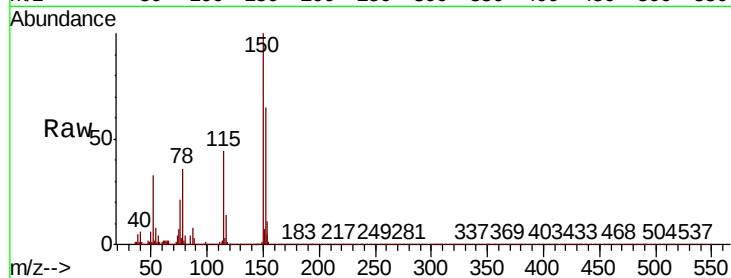
Tot Ion:152 Resp: 82011

Ion Ratio Lower Upper

152 100

150 153.5 127.3 190.9

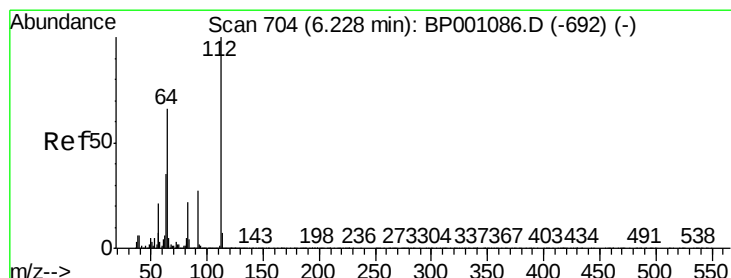
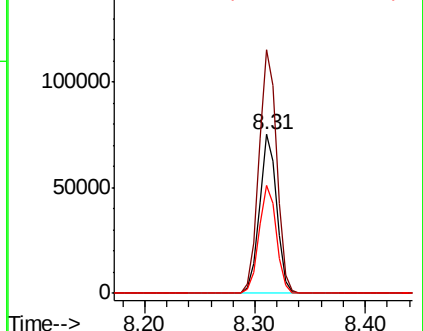
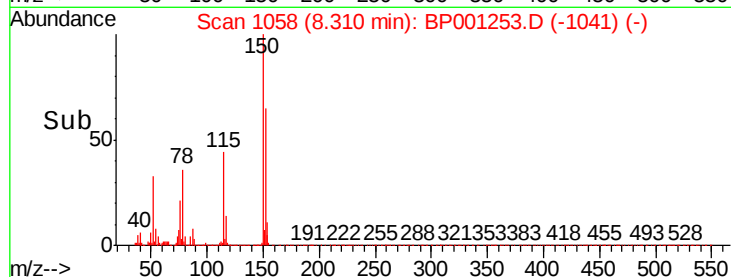
115 67.8 56.0 84.0



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: 140.139 ng

RT: 6.24 min Scan# 706

Delta R.T. 0.03 min

Lab File: BP001253.D

Acq: 07 Dec 2019 14:37

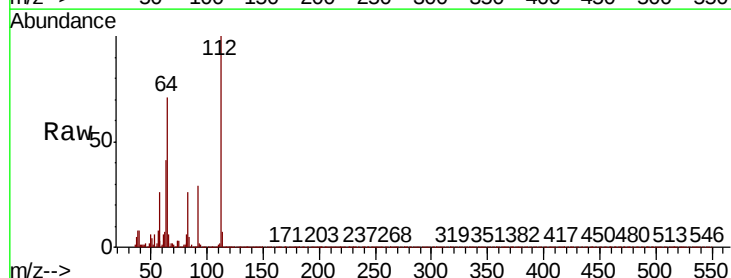
Tgt Ion:112 Resp: 692729

Ion Ratio Lower Upper

112 100

64 70.7 56.8 85.2

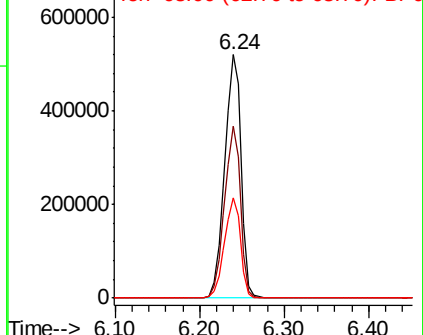
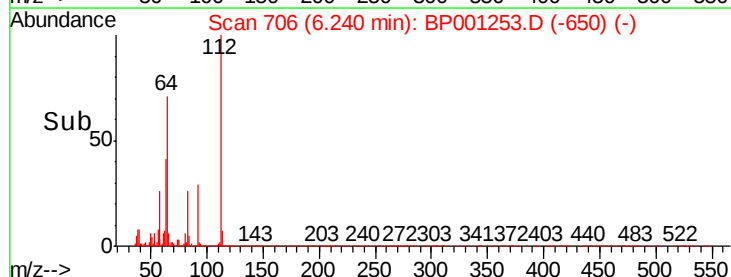
63 41.2 32.2 48.2

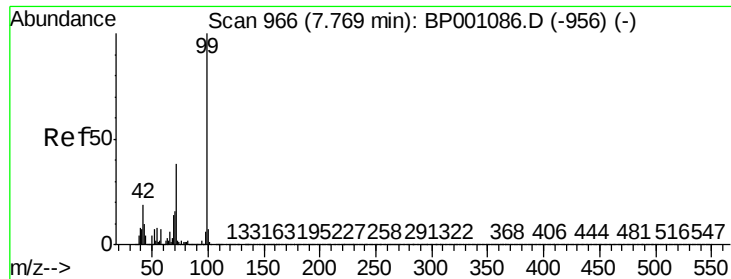


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 142.596 ng

RT: 7.78 min Scan# 967

Delta R.T. 0.01 min

Lab File: BP001253.D

Acq: 07 Dec 2019 14:37

Instrument :

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ClientSampleId :

COMP-35

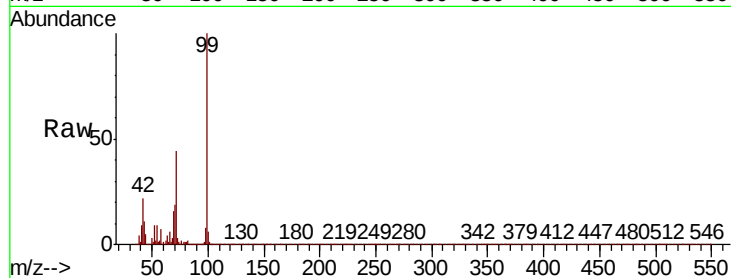
Tot Ion: 99 Resp: 939069

Ion Ratio Lower Upper

99 100

42 22.0 17.6 26.4

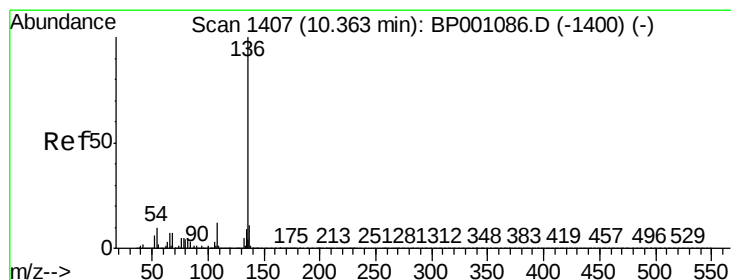
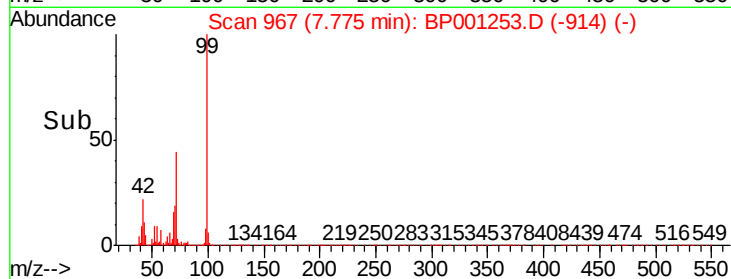
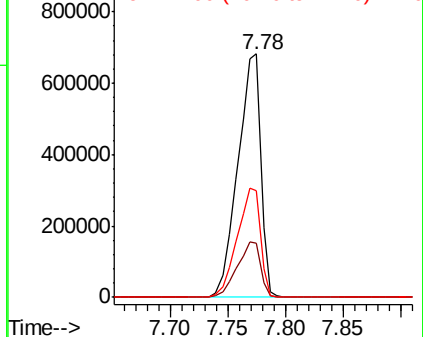
71 44.0 33.8 50.8



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: 10.34 min Scan# 1403

Delta R.T. -0.01 min

Lab File: BP001253.D

Acq: 07 Dec 2019 14:37

Tgt Ion: 136 Resp: 303273

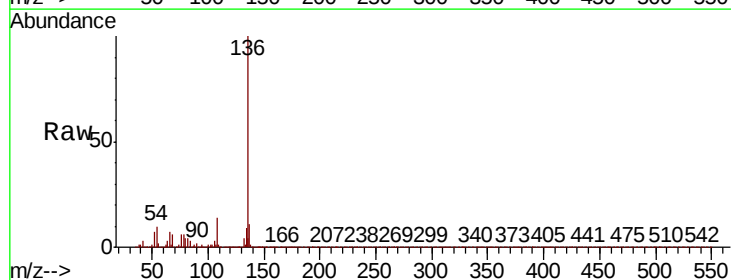
Ion Ratio Lower Upper

136 100

137 10.8 8.4 12.6

54 10.1 7.4 11.0

68 5.8 4.6 7.0

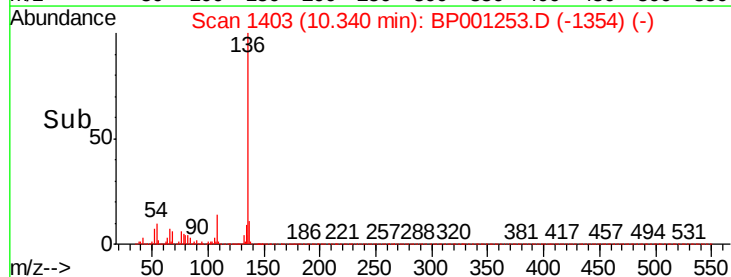
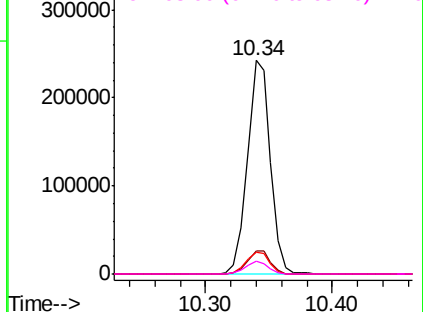


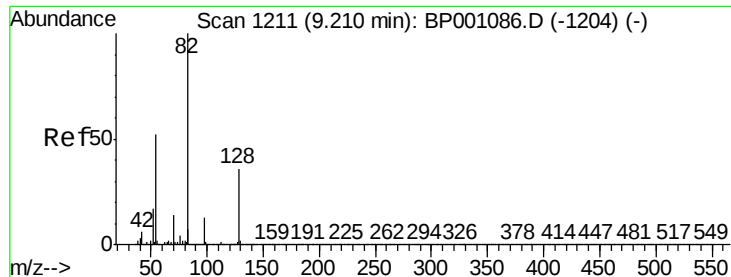
Abundance Ion 136.00 (135.70 to 136.70): E

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

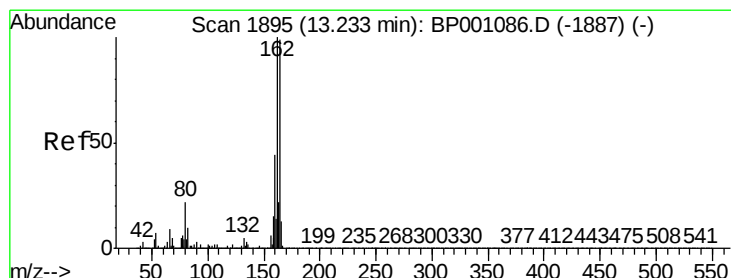
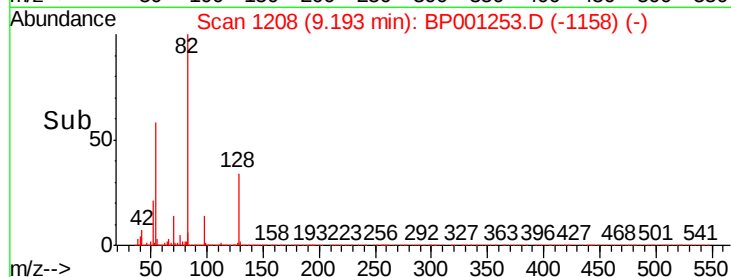
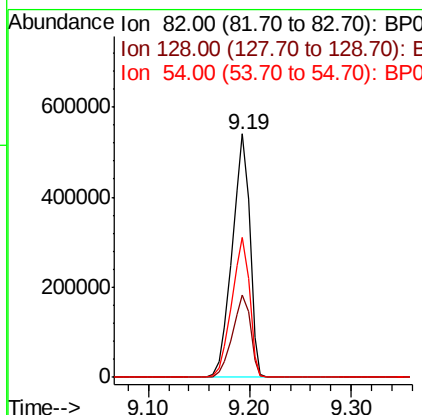
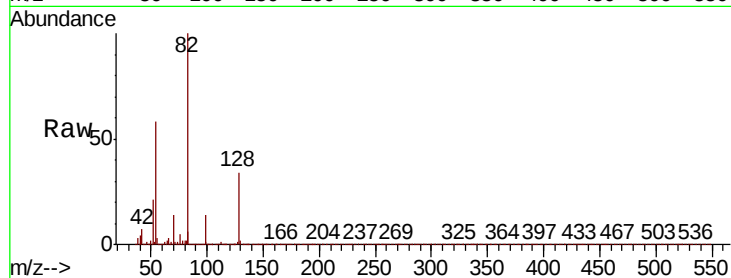




#23
Nitrobenzene-d5
Concen: 93.962 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BP001253.D
Acq: 07 Dec 2019 14:37

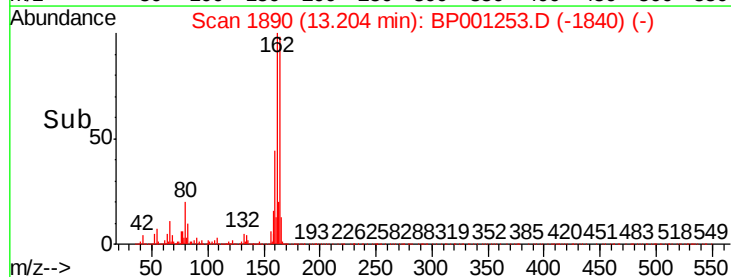
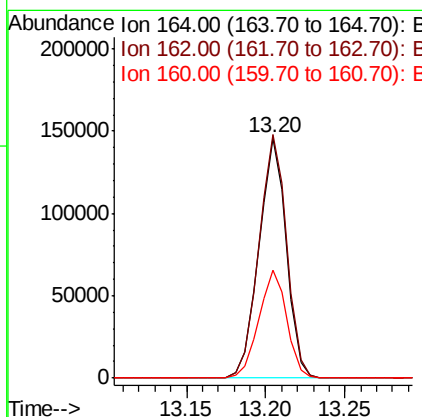
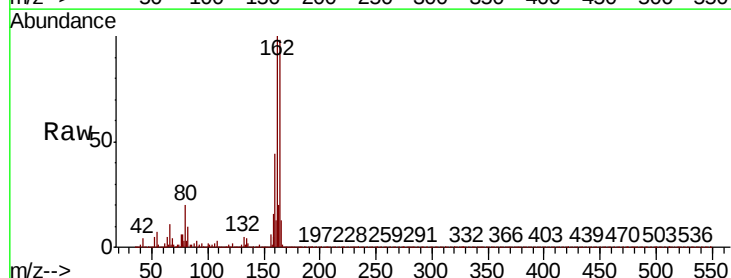
Instrument :
BNA_P
ClientSampleId :
COMP-35

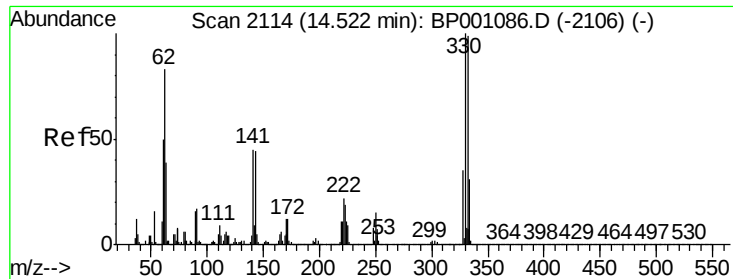
Tot Ion	82	Resp	656807
Ion Ratio	Lower	Upper	
82	100		
128	34.1	27.5	41.3
54	57.7	45.7	68.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.20 min Scan# 1890
Delta R.T. -0.01 min
Lab File: BP001253.D
Acq: 07 Dec 2019 14:37

Tgt Ion	164	Resp	175946
Ion Ratio	Lower	Upper	
164	100		
162	101.5	80.7	121.1
160	45.0	36.3	54.5

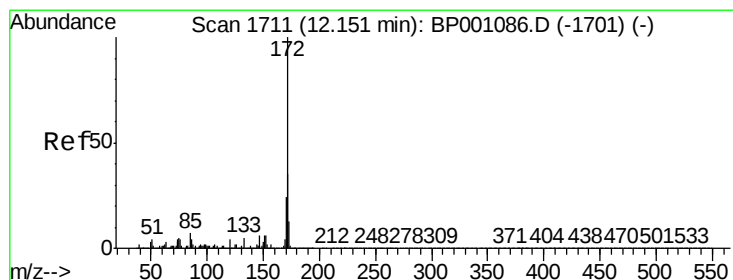
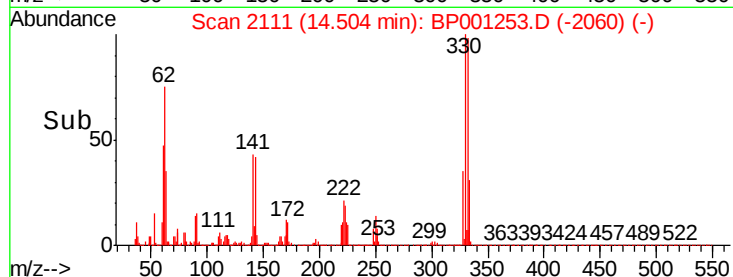
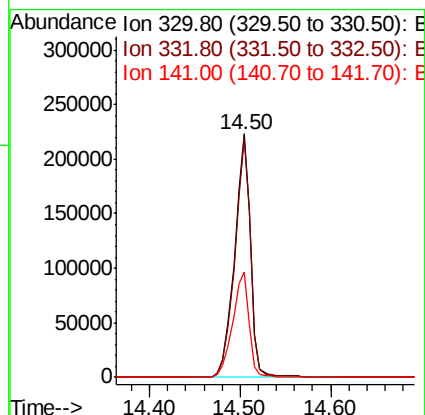
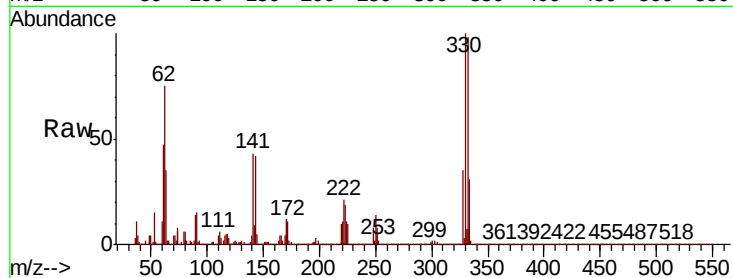




#42
2,4,6-Tribromophenol
Concen: 163.966 ng
RT: 14.50 min Scan# 2111
Delta R.T. 0.00 min
Lab File: BP001253.D
Acq: 07 Dec 2019 14:37

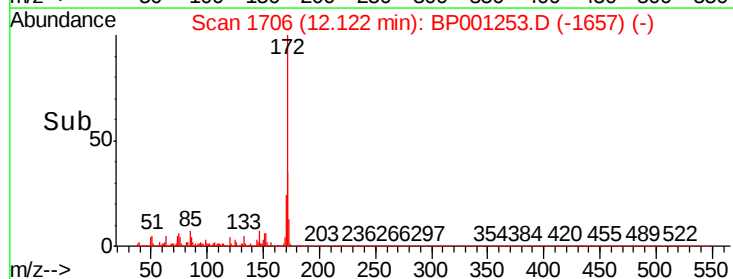
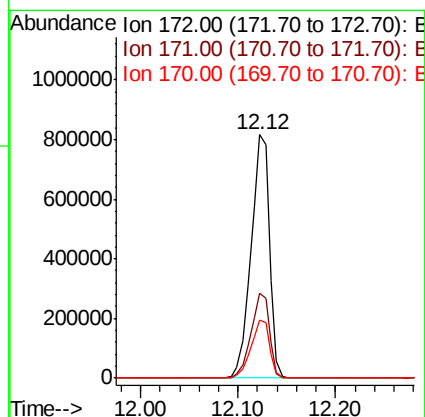
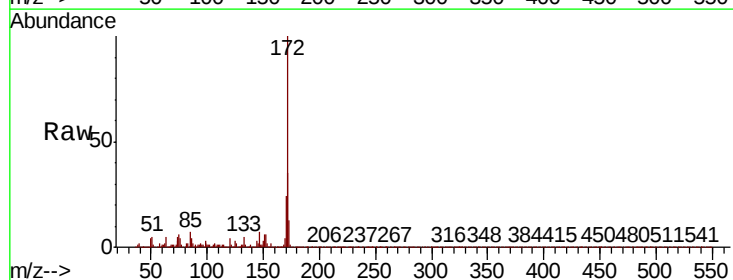
Instrument :
BNA_P
ClientSampleId :
COMP-35

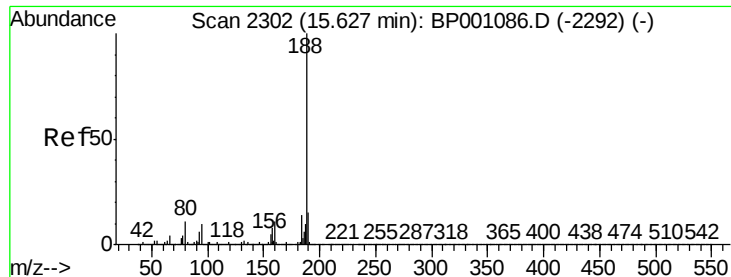
Tot Ion:330 Resp: 276520
Ion Ratio Lower Upper
330 100
332 97.1 79.1 118.7
141 44.2 35.9 53.9



#45
2-Fluorobiphenyl
Concen: 89.729 ng
RT: 12.12 min Scan# 1706
Delta R.T. -0.01 min
Lab File: BP001253.D
Acq: 07 Dec 2019 14:37

Tgt Ion:172 Resp: 1078691
Ion Ratio Lower Upper
172 100
171 34.7 28.7 43.1
170 23.8 19.2 28.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 15.60 min Scan# 2298

Delta R.T. -0.01 min

Lab File: BP001253.D

Acq: 07 Dec 2019 14:37

Instrument :

BNA_P

ClientSampleId :

COMP-35

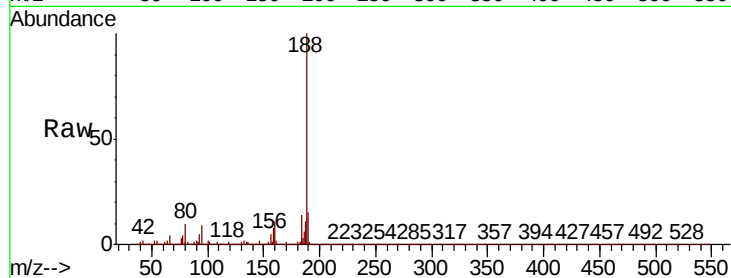
Tot Ion:188 Resp: 348681

Ion Ratio Lower Upper

188 100

94 8.6 7.1 10.7

80 9.5 7.8 11.6

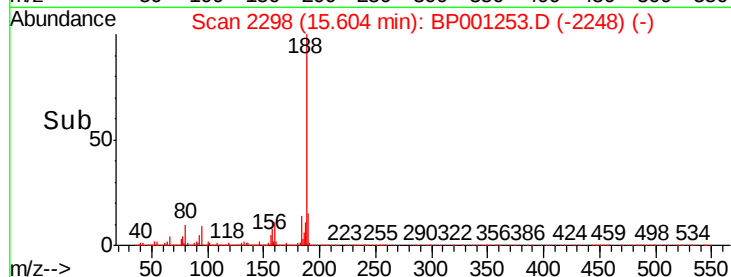


Abundance Ion 188.00 (187.70 to 188.70): E

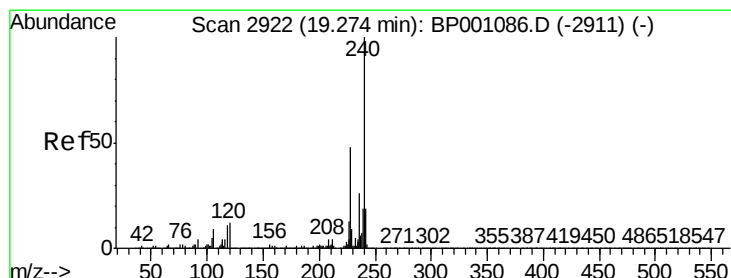
Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0

15.60



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 19.25 min Scan# 2917

Delta R.T. -0.01 min

Lab File: BP001253.D

Acq: 07 Dec 2019 14:37

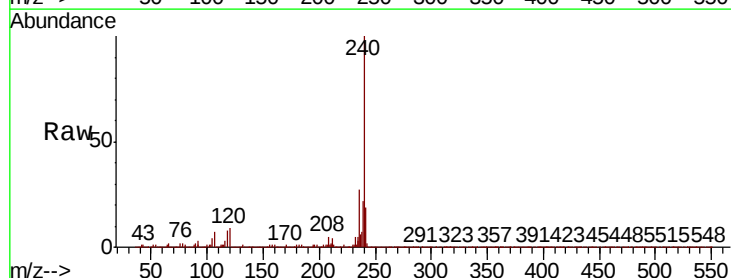
Tgt Ion:240 Resp: 271479

Ion Ratio Lower Upper

240 100

120 9.2 7.0 10.6

236 26.8 21.7 32.5

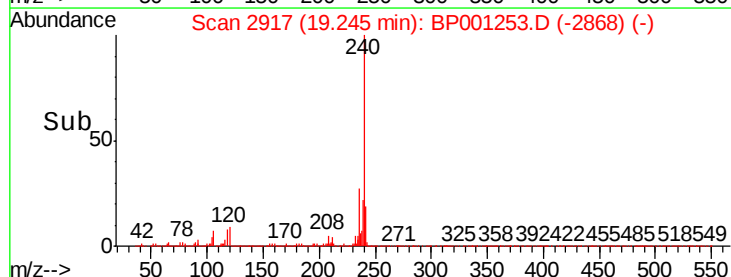


Abundance Ion 240.00 (239.70 to 240.70): E

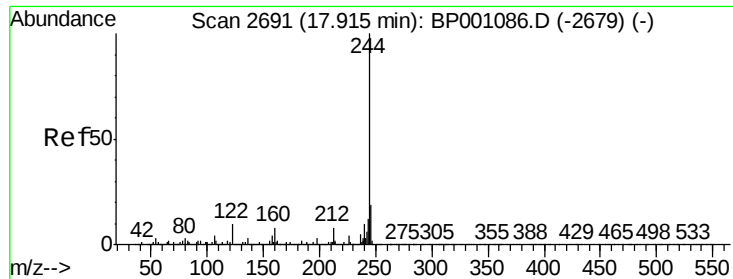
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

19.25



Time-->



#79

Terphenyl-d14

Concen: 99.068 ng

RT: 17.89 min Scan# 2687

Delta R.T. 0.00 min

Lab File: BP001253.D

Acq: 07 Dec 2019 14:37

Instrument :

BNA_P

ClientSampleId :

COMP-35

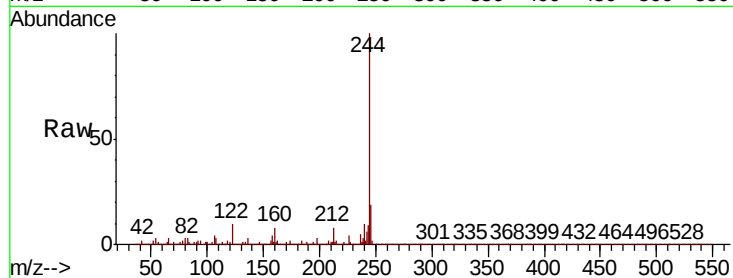
Tot Ion:244 Resp: 1453707

Ion Ratio Lower Upper

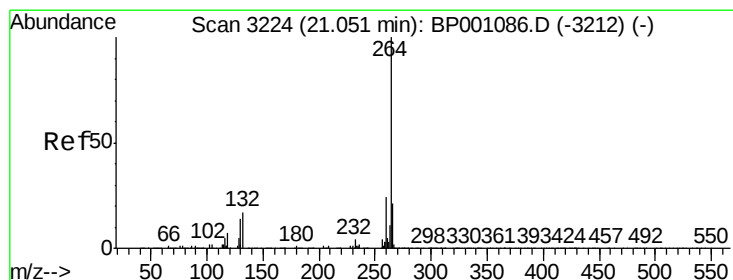
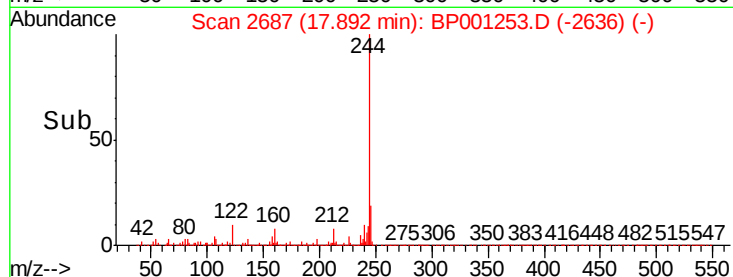
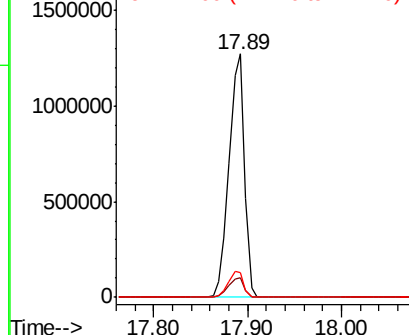
244 100

212 7.9 6.6 9.8

122 9.9 9.2 13.8



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: 21.02 min Scan# 3218

Delta R.T. -0.01 min

Lab File: BP001253.D

Acq: 07 Dec 2019 14:37

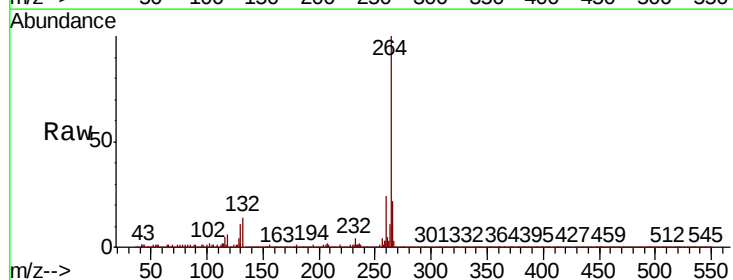
Tgt Ion:264 Resp: 270181

Ion Ratio Lower Upper

264 100

260 24.2 19.4 29.0

265 21.8 17.1 25.7



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

