

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010820\
 Data File : BP001560.D
 Acq On : 08 Jan 2020 19:44
 Operator : JU
 Sample : PB125875BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB125875BL

Quant Time: Jan 09 04:43:30 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 08 15:02:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	32064	20.00	ng	0.00
21) Naphthalene-d8	10.43	136	126372	20.00	ng	0.00
39) Acenaphthene-d10	14.30	164	100167	20.00	ng	0.00
64) Phenanthrene-d10	17.06	188	260885	20.00	ng	0.00
76) Chrysene-d12	21.16	240	259951	20.00	ng	-0.01
87) Perylene-d12	23.40	264	244919	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	223484	136.53	ng	0.00
7) Phenol-d6	6.86	99	332757	127.20	ng	0.00
23) Nitrobenzene-d5	8.80	82	241955	83.66	ng	0.00
42) 2,4,6-Tribromophenol	15.80	330	189438	124.24	ng	0.00
45) 2-Fluorobiphenyl	12.92	172	584027	85.72	ng	0.00
79) Terphenyl-d14	19.65	244	1256486	88.41	ng	0.00

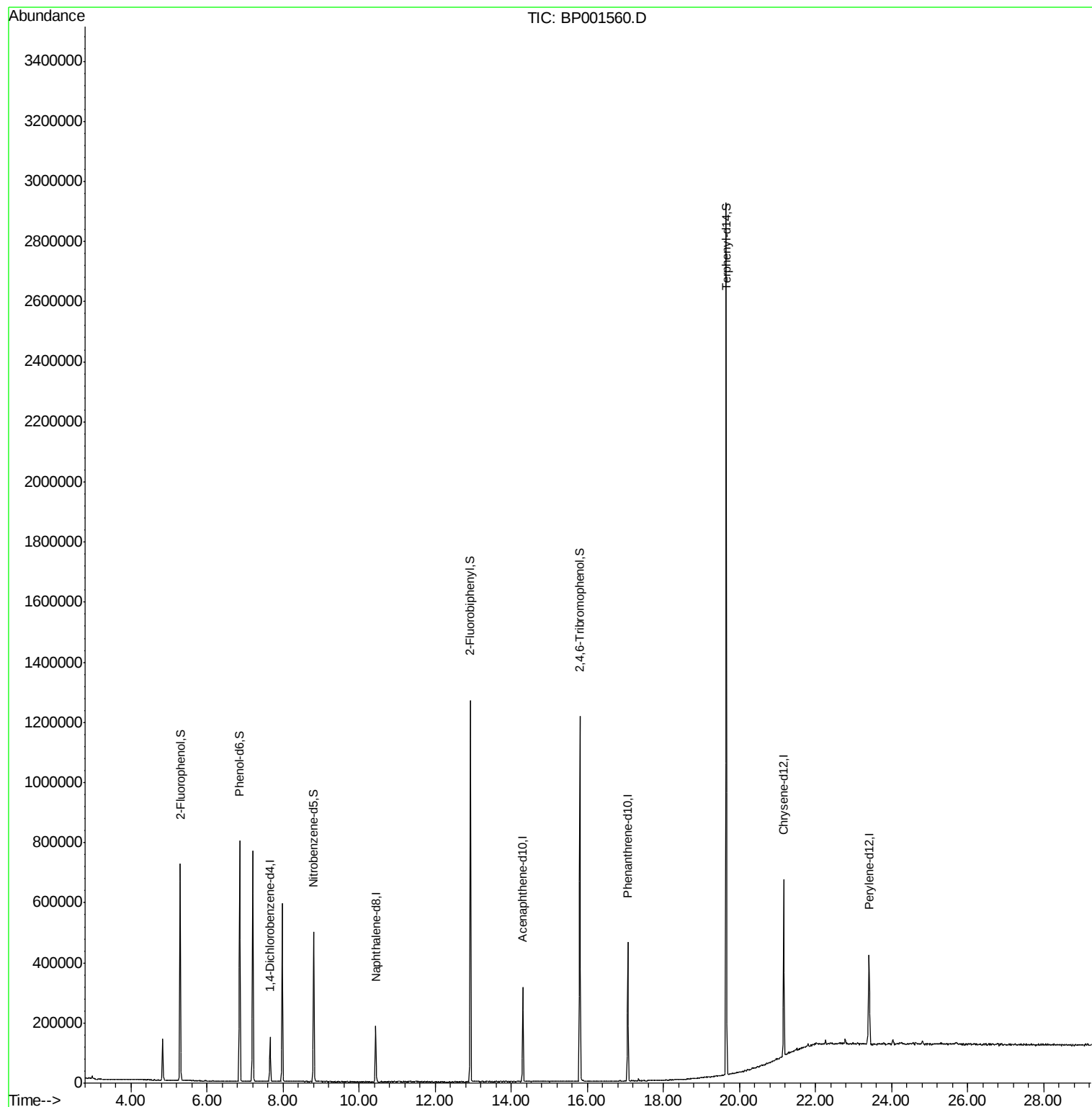
Target Compounds Qvalue

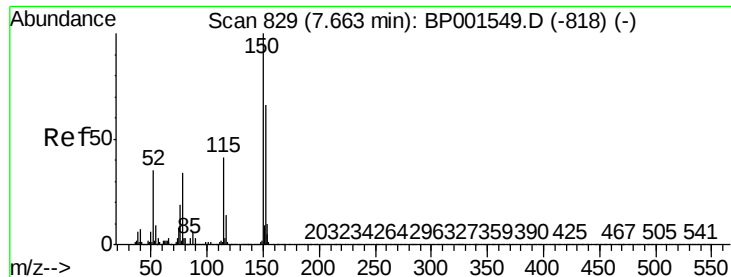
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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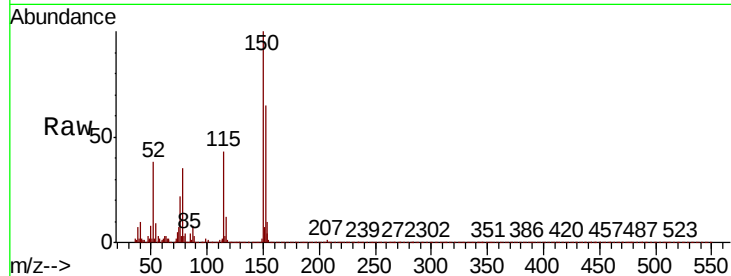


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 828
Delta R.T. -0.01 min
Lab File: BP001560.D
Acq: 08 Jan 2020 19:44

Instrument :
BNA_P
ClientSampleId :
PB125875BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.5	122.0	183.0
115	66.3	50.7	76.1

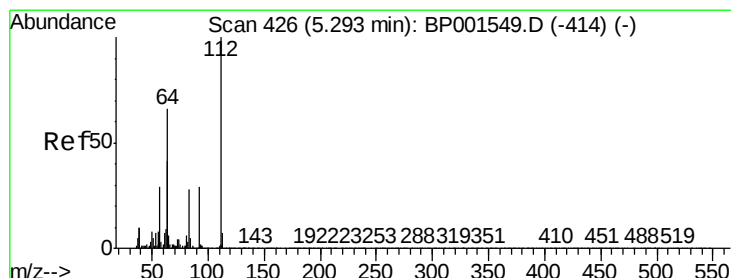
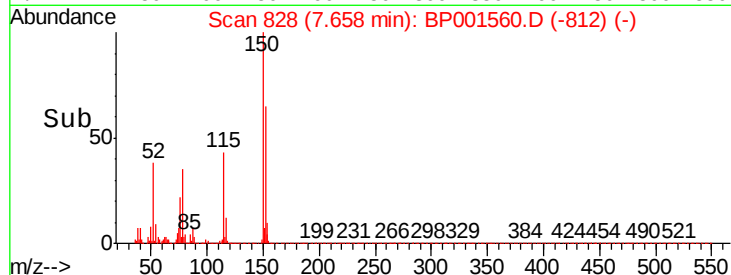
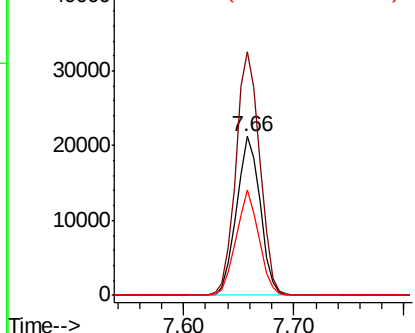


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

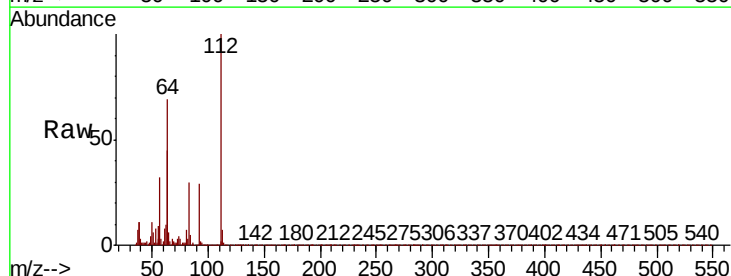
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 136.534 ng
RT: 5.29 min Scan# 426
Delta R.T. 0.00 min
Lab File: BP001560.D
Acq: 08 Jan 2020 19:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.8	52.8	79.2
63	45.4	33.1	49.7

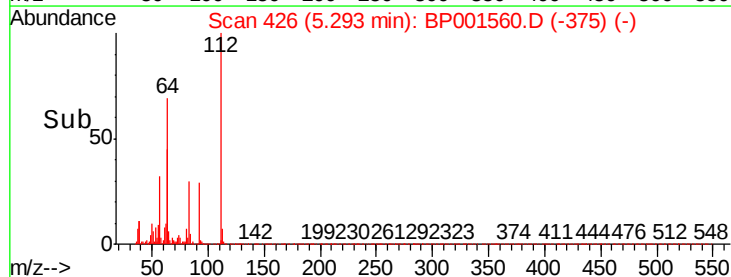
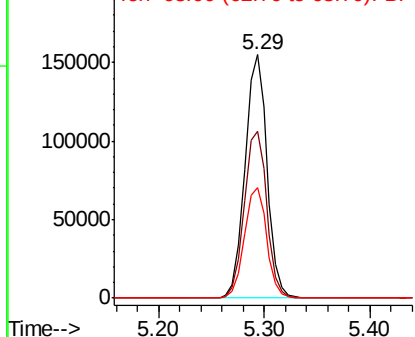


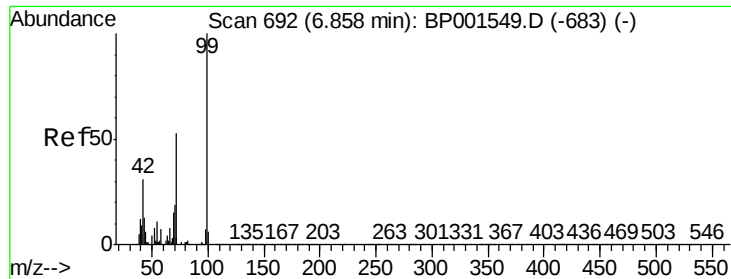
Abundance

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: 127.202 ng

RT: 6.86 min Scan# 692

Delta R.T. 0.00 min

Lab File: BP001560.D

Acq: 08 Jan 2020 19:44

Instrument :

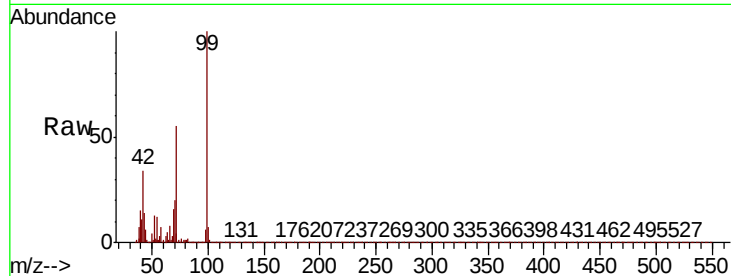
BNA_P

ClientSampleId :

PB125875BL

Tot Ion: 99 Resp: 332757

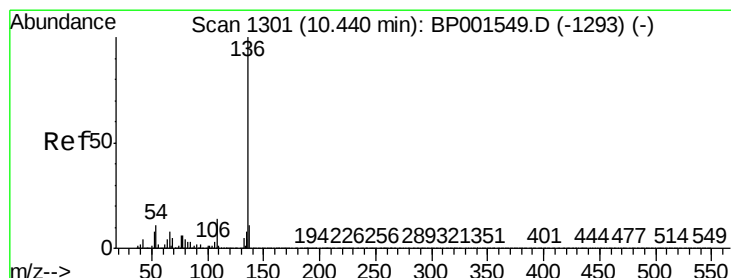
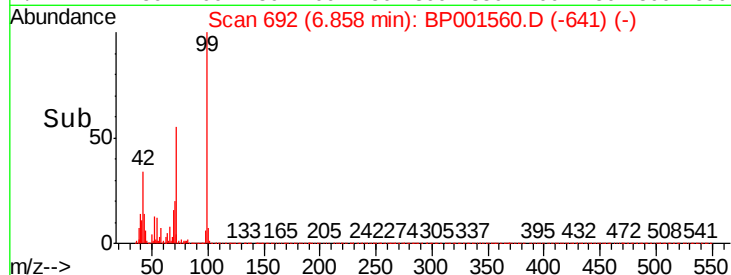
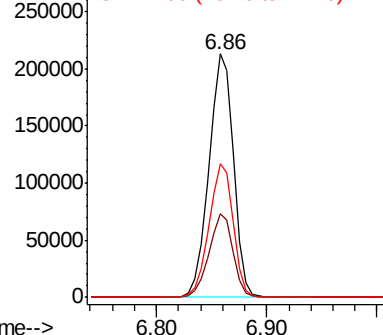
Ion	Ratio	Lower	Upper
99	100		
42	34.2	24.5	36.7
71	55.0	42.4	63.6



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: 10.43 min Scan# 1300

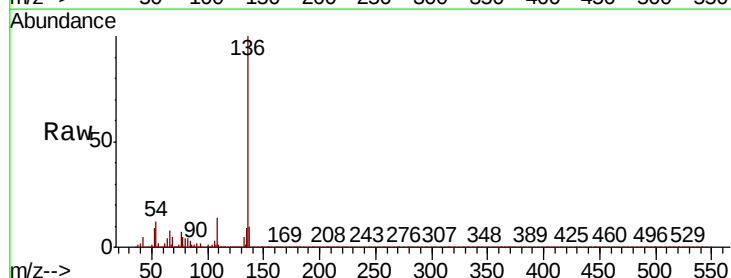
Delta R.T. -0.01 min

Lab File: BP001560.D

Acq: 08 Jan 2020 19:44

Tgt Ion: 136 Resp: 126372

Ion	Ratio	Lower	Upper
136	100		
137	10.0	8.6	12.8
54	11.8	9.2	13.8
68	5.2	4.1	6.1

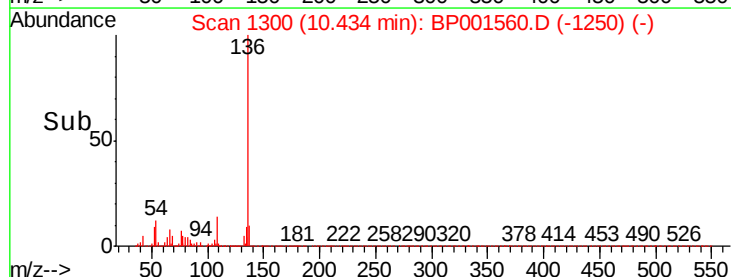
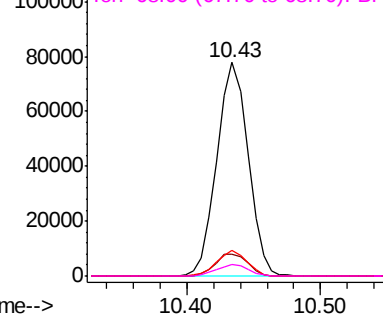


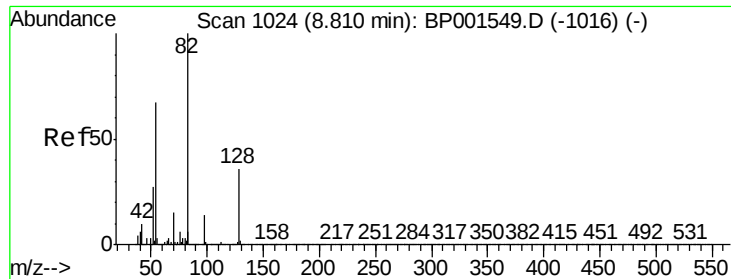
Abundance Ion 136.00 (135.70 to 136.70): E

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

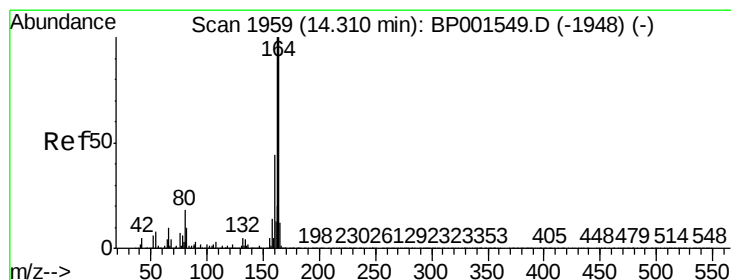
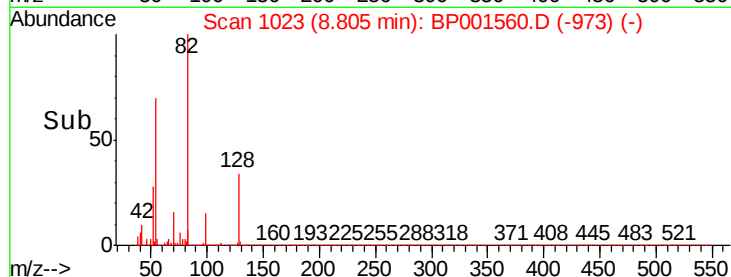
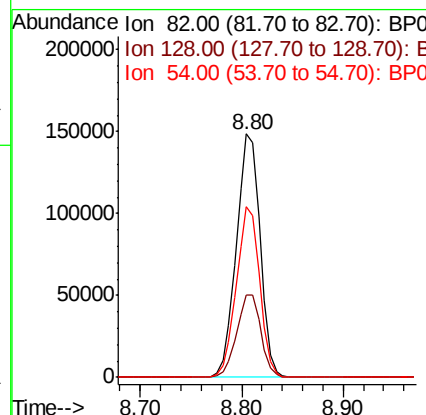
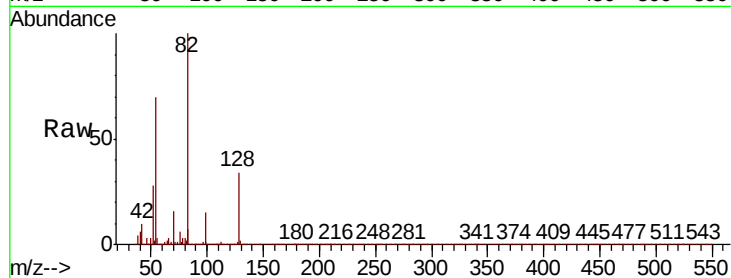




#23
Nitrobenzene-d5
Concen: 83.664 ng
RT: 8.80 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BP001560.D
Acq: 08 Jan 2020 19:44

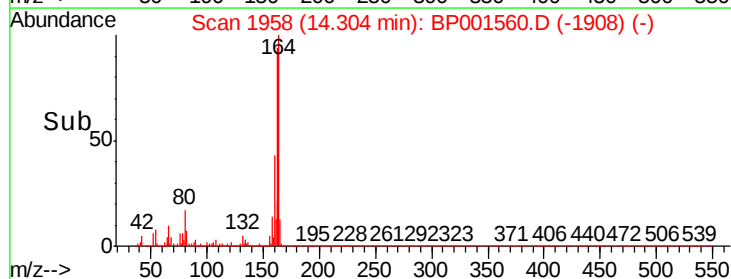
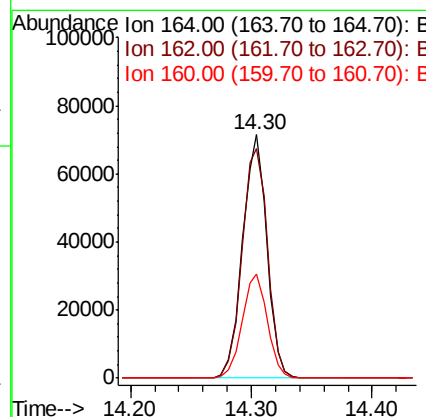
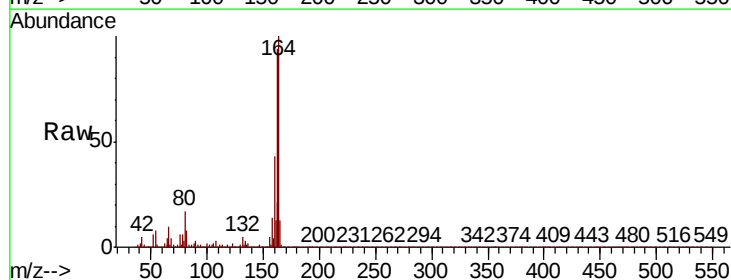
Instrument :
BNA_P
ClientSampleId :
PB125875BL

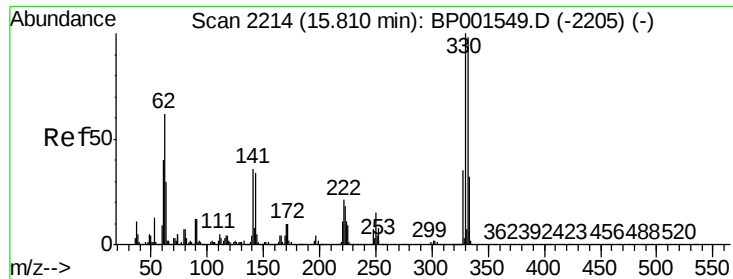
Tot Ion	Ratio	Lower	Upper
82	100		
128	33.6	28.4	42.6
54	69.8	53.4	80.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.30 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BP001560.D
Acq: 08 Jan 2020 19:44

Tgt Ion	Ratio	Lower	Upper
164	100		
162	94.2	79.8	119.6
160	42.6	35.0	52.6

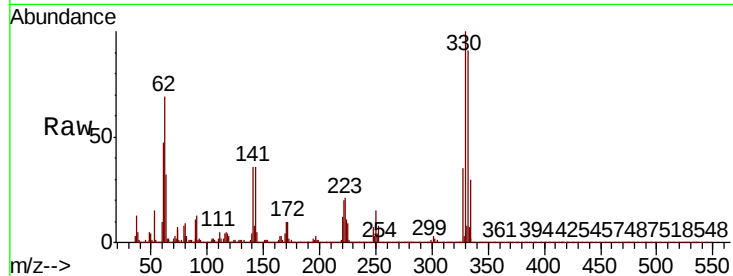




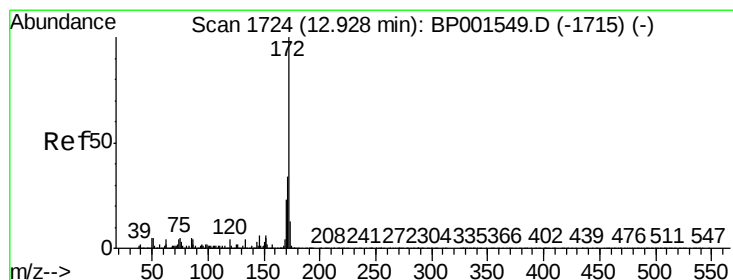
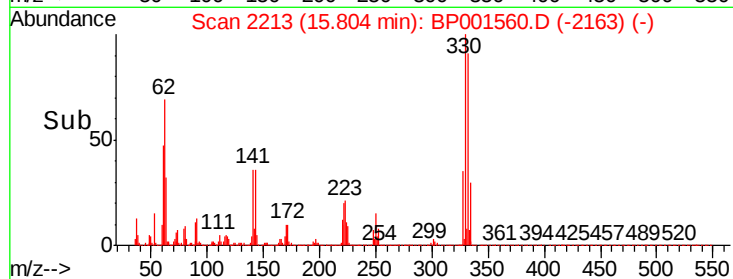
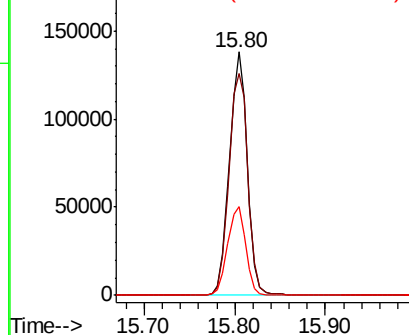
#42
2,4,6-Tribromophenol
Concen: 124.243 ng
RT: 15.80 min Scan# 2213
Delta R.T. -0.01 min
Lab File: BP001560.D
Acq: 08 Jan 2020 19:44

Instrument :
BNA_P
ClientSampleId :
PB125875BL

Tot Ion:330 Resp: 189438
Ion Ratio Lower Upper
330 100
332 96.5 77.8 116.6
141 37.0 28.7 43.1

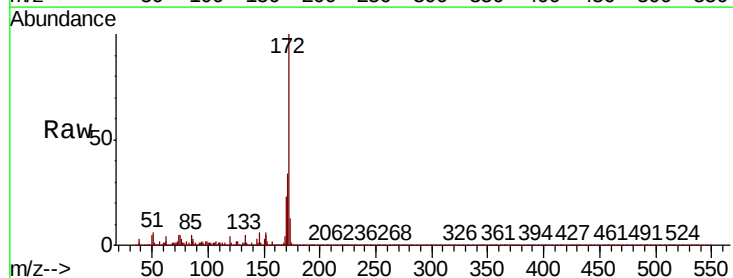


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

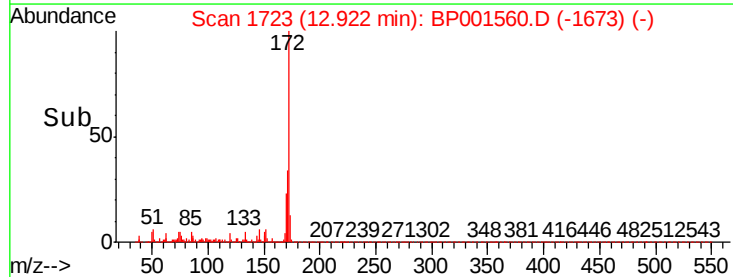
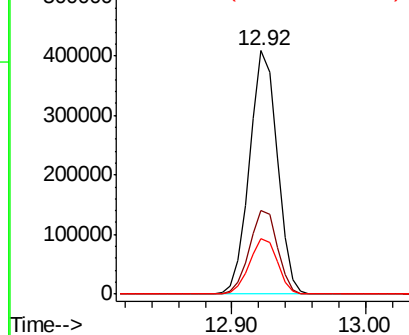


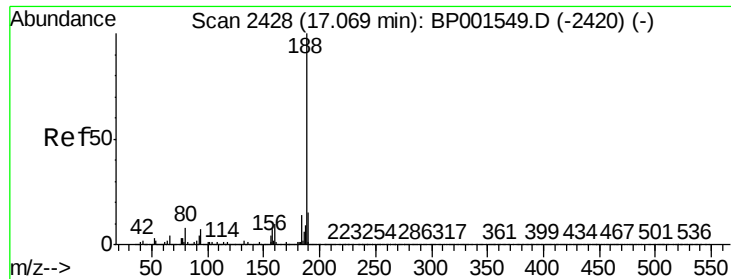
#45
2-Fluorobiphenyl
Concen: 85.725 ng
RT: 12.92 min Scan# 1723
Delta R.T. -0.01 min
Lab File: BP001560.D
Acq: 08 Jan 2020 19:44

Tgt Ion:172 Resp: 584027
Ion Ratio Lower Upper
172 100
171 34.3 27.6 41.4
170 22.8 18.3 27.5



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: 17.06 min Scan# 2427

Delta R.T. -0.01 min

Lab File: BP001560.D

Acq: 08 Jan 2020 19:44

Instrument :

BNA_P

ClientSampleId :

PB125875BL

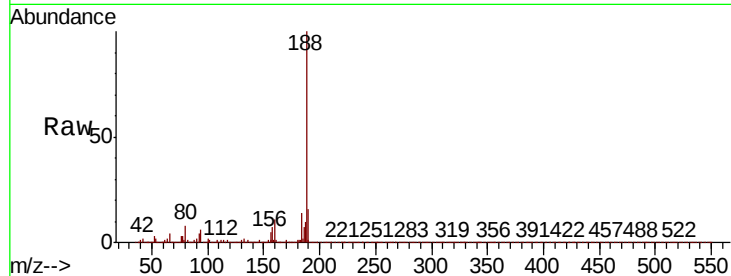
Tot Ion:188 Resp: 260885

Ion Ratio Lower Upper

188 100

94 6.5 5.9 8.9

80 7.7 6.8 10.2



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

250000

200000

150000

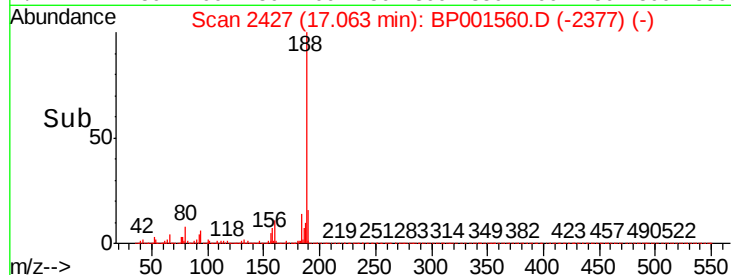
100000

50000

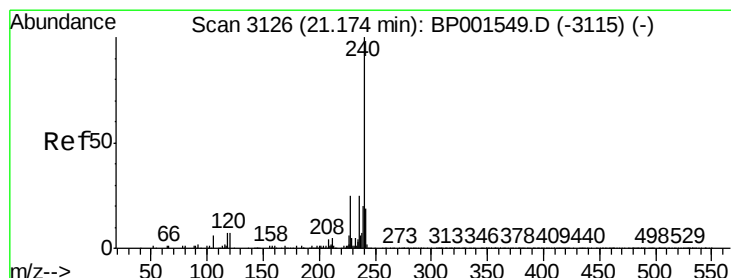
0

17.06

17.00 17.10



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.16 min Scan# 3124

Delta R.T. -0.01 min

Lab File: BP001560.D

Acq: 08 Jan 2020 19:44

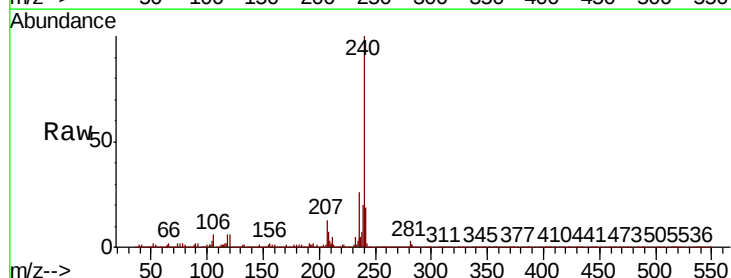
Tgt Ion:240 Resp: 259951

Ion Ratio Lower Upper

240 100

120 6.3 5.7 8.5

236 26.2 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

250000

200000

150000

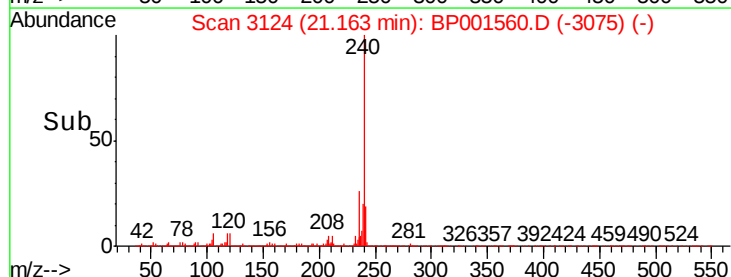
100000

50000

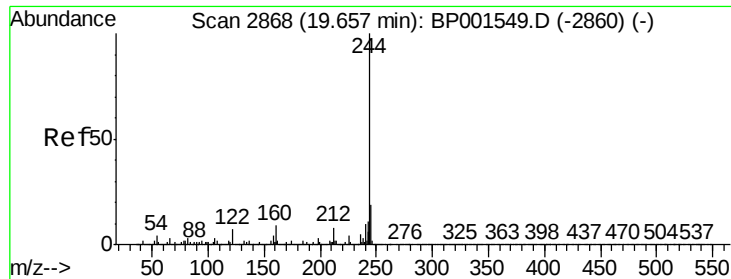
0

21.16

21.10 21.20 21.30



Time-->



#79

Terphenyl-d14

Concen: 88.407 ng

RT: 19.65 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BP001560.D

Acq: 08 Jan 2020 19:44

Instrument :

BNA_P

ClientSampleId :

PB125875BL

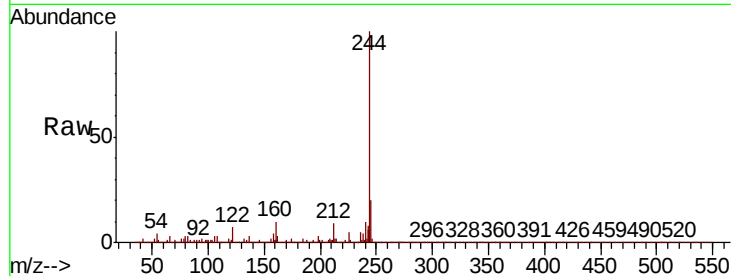
Tot Ion:244 Resp: 1256486

Ion Ratio Lower Upper

244 100

212 8.7 6.3 9.5

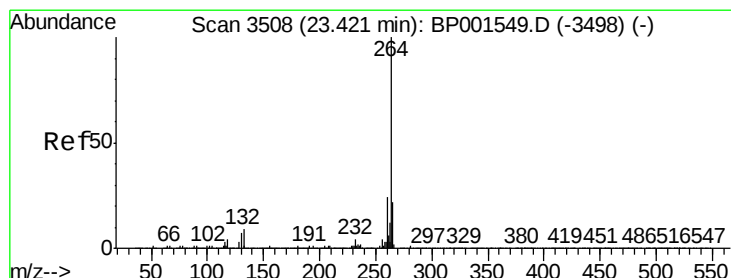
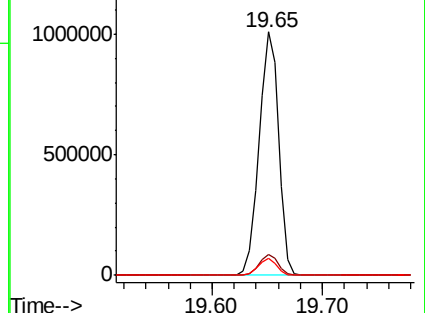
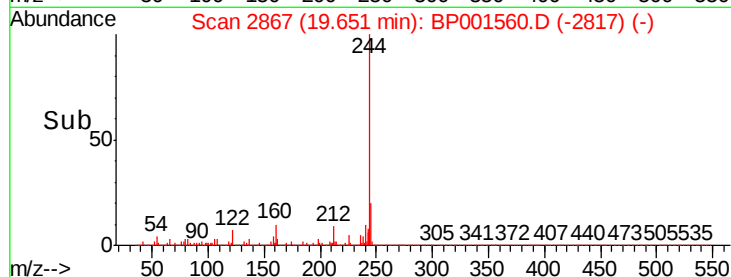
122 6.8 5.8 8.6



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: 23.40 min Scan# 3505

Delta R.T. -0.02 min

Lab File: BP001560.D

Acq: 08 Jan 2020 19:44

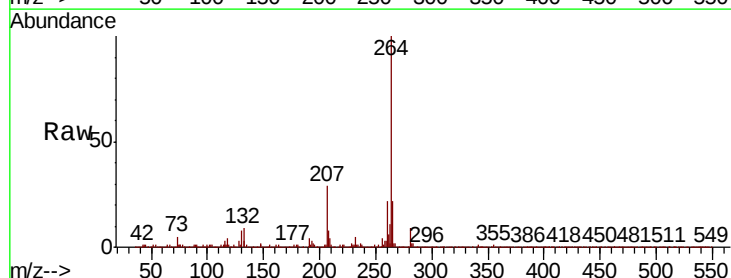
Tgt Ion:264 Resp: 244919

Ion Ratio Lower Upper

264 100

260 22.5 19.0 28.6

265 22.0 18.2 27.4



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

