

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010820\
 Data File : BP001561.D
 Acq On : 08 Jan 2020 20:18
 Operator : JU
 Sample : PB125843BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB125843BL

Quant Time: Jan 09 04:45:28 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	21106	20.00	ng	0.00
21) Naphthalene-d8	10.43	136	90079	20.00	ng	0.00
39) Acenaphthene-d10	14.30	164	74508	20.00	ng	0.00
64) Phenanthrene-d10	17.06	188	200678	20.00	ng	0.00
76) Chrysene-d12	21.16	240	210459	20.00	ng	-0.01
87) Perylene-d12	23.40	264	205506	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	134396	124.74	ng	0.00
7) Phenol-d6	6.86	99	205724	119.47	ng	0.00
23) Nitrobenzene-d5	8.80	82	145658	70.66	ng	0.00
42) 2,4,6-Tribromophenol	15.80	330	124731	109.98	ng	0.00
45) 2-Fluorobiphenyl	12.92	172	370701	73.15	ng	0.00
79) Terphenyl-d14	19.65	244	886983	77.08	ng	0.00

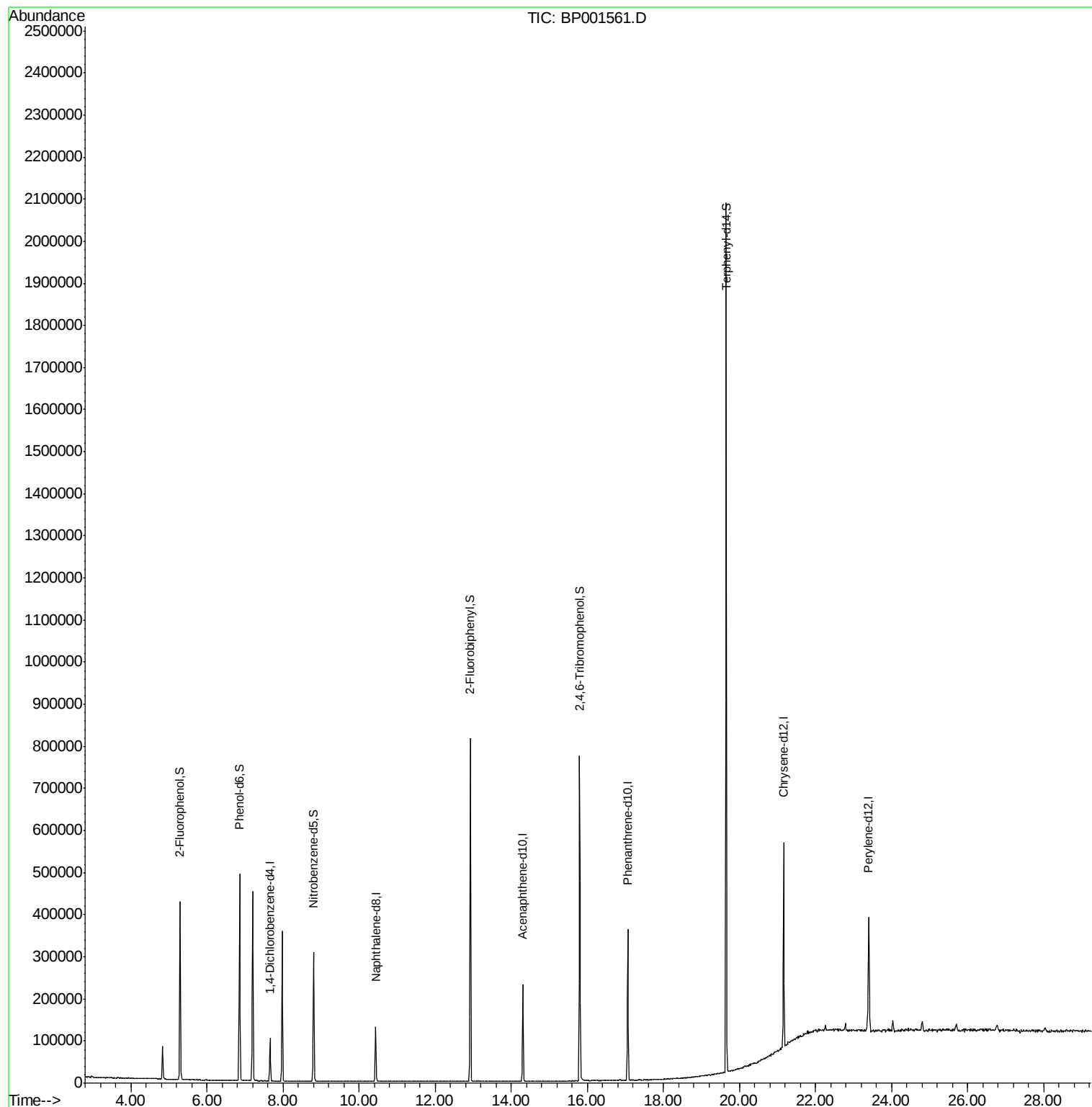
Target Compounds Qvalue

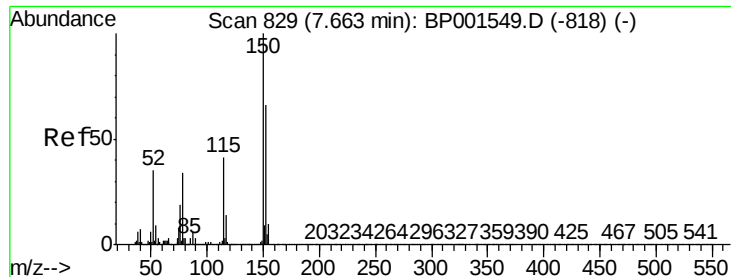
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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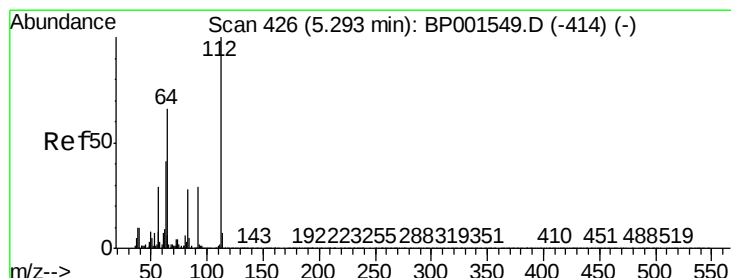
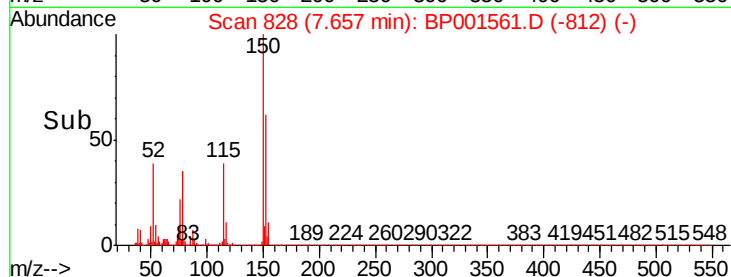
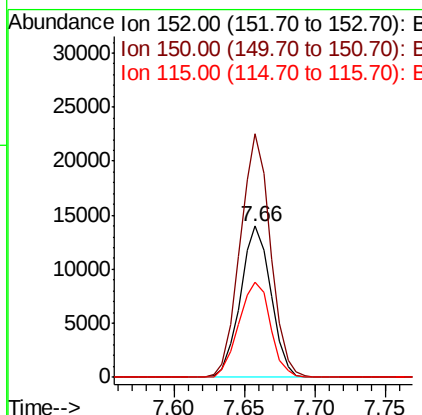
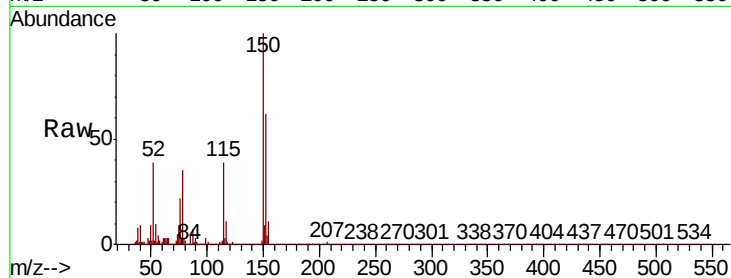


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 828
Delta R.T. -0.01 min
Lab File: BP001561.D
Acq: 08 Jan 2020 20:18

Instrument :
BNA_P
ClientSampleId :
PB125843BL

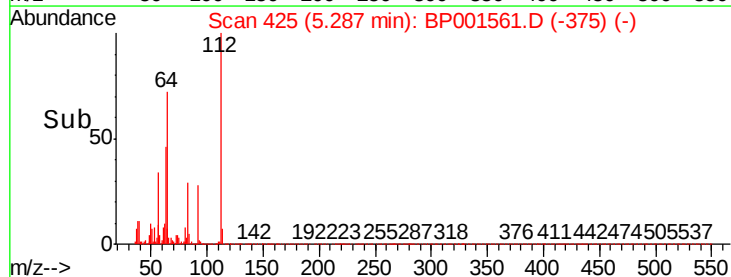
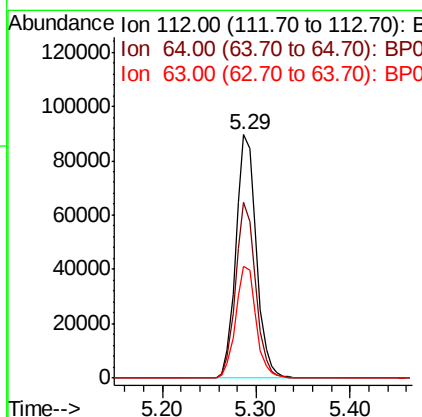
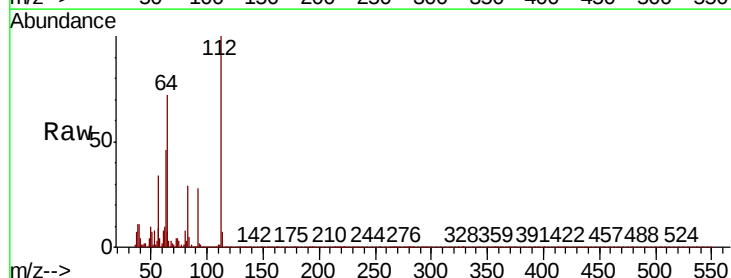
Tot Ion	Ratio	Lower	Upper
152	100		
150	161.4	122.0	183.0
115	63.4	50.7	76.1

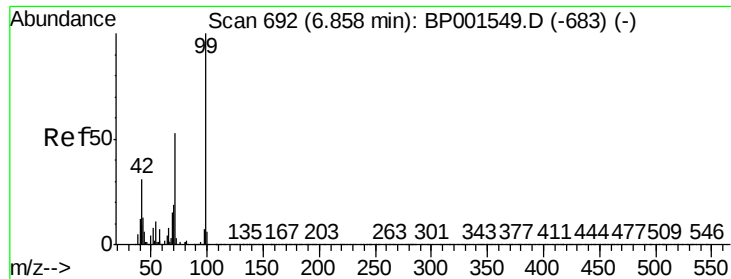


#5

2-Fluorophenol
Concen: 124.736 ng
RT: 5.29 min Scan# 425
Delta R.T. -0.01 min
Lab File: BP001561.D
Acq: 08 Jan 2020 20:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.4	52.8	79.2
63	46.2	33.1	49.7





#7

Phenol-d6

Concen: 119.471 ng

RT: 6.86 min Scan# 692

Delta R.T. 0.00 min

Lab File: BP001561.D

Acq: 08 Jan 2020 20:18

Instrument :

BNA_P

ClientSampleId :

PB125843BL

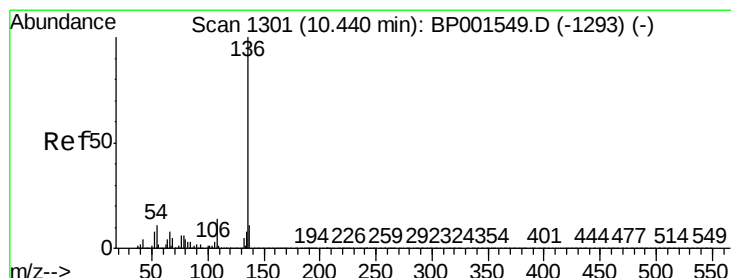
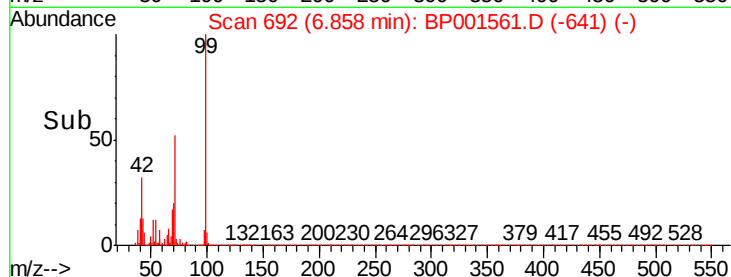
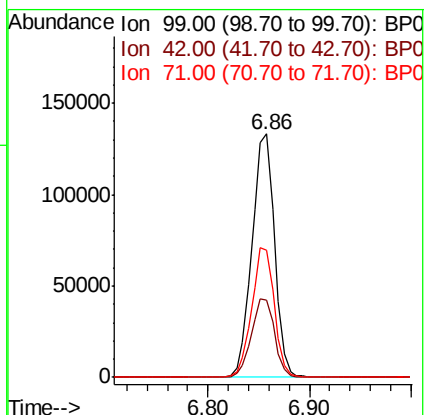
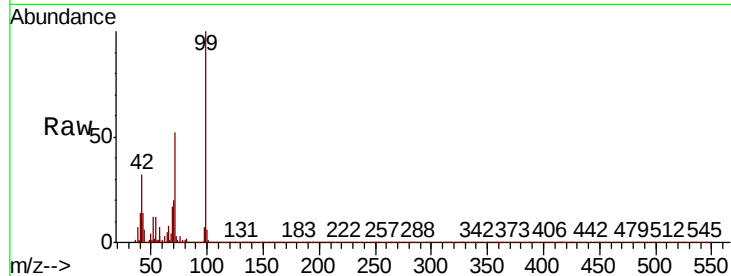
Tot Ion: 99 Resp: 205724

Ion Ratio Lower Upper

99 100

42 31.8 24.5 36.7

71 52.4 42.4 63.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.43 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BP001561.D

Acq: 08 Jan 2020 20:18

Tgt Ion: 136 Resp: 90079

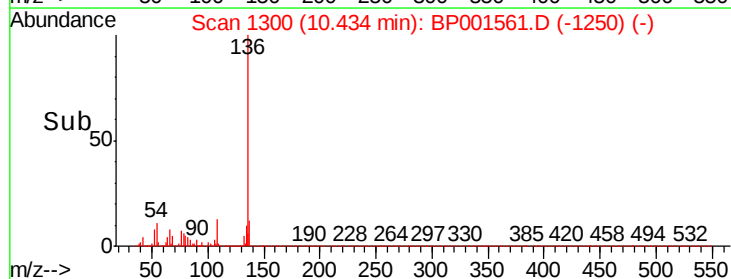
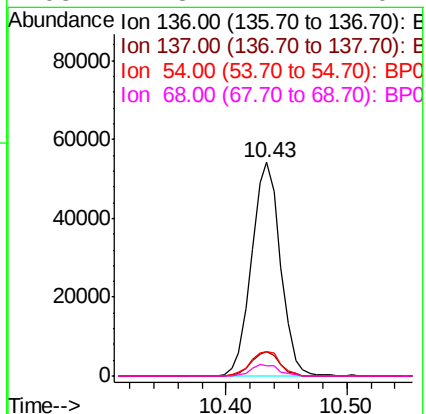
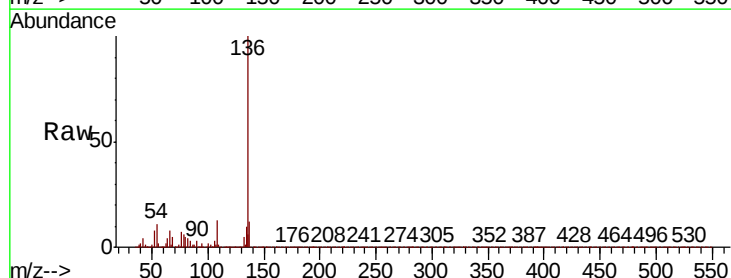
Ion Ratio Lower Upper

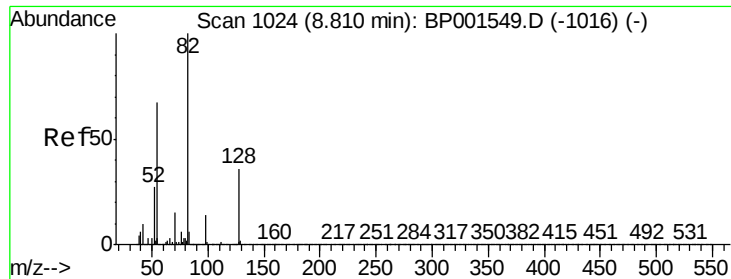
136 100

137 11.5 8.6 12.8

54 11.3 9.2 13.8

68 4.8 4.1 6.1

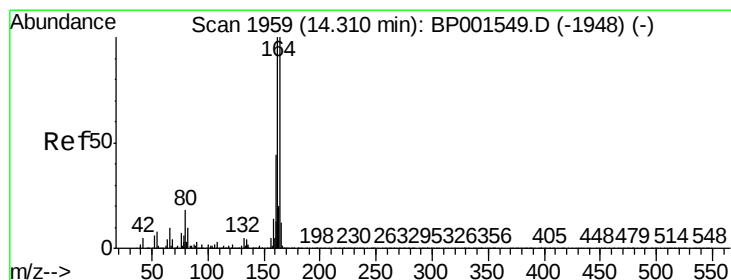
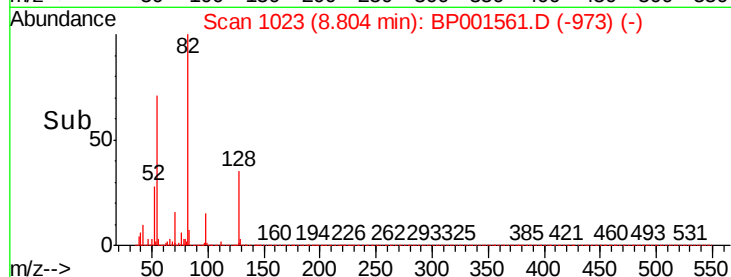
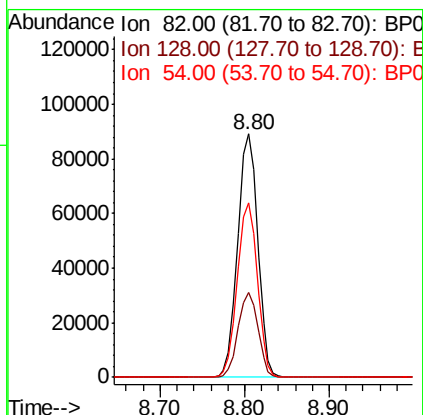
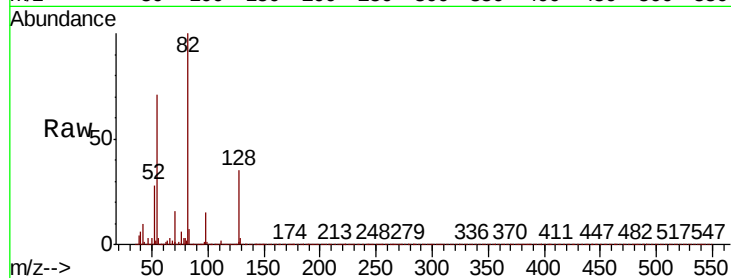




#23
 Nitrobenzene-d5
 Concen: 70.659 ng
 RT: 8.80 min Scan# 1023
 Delta R.T. -0.01 min
 Lab File: BP001561.D
 Acq: 08 Jan 2020 20:18

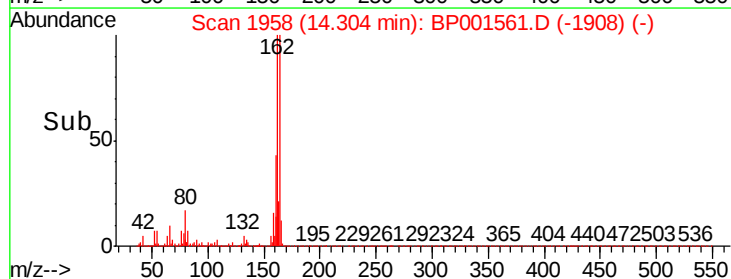
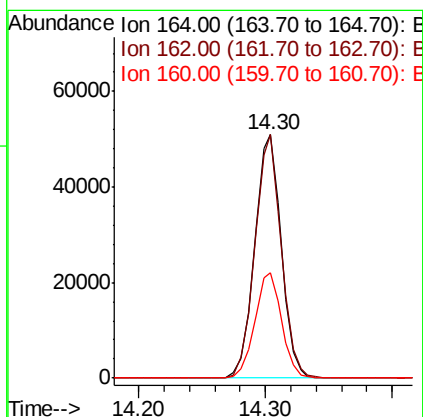
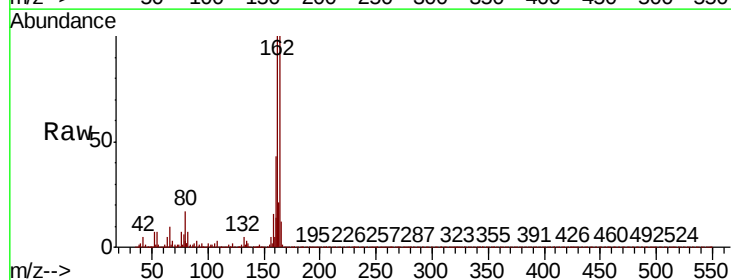
Instrument :
 BNA_P
 ClientSampleId :
 PB125843BL

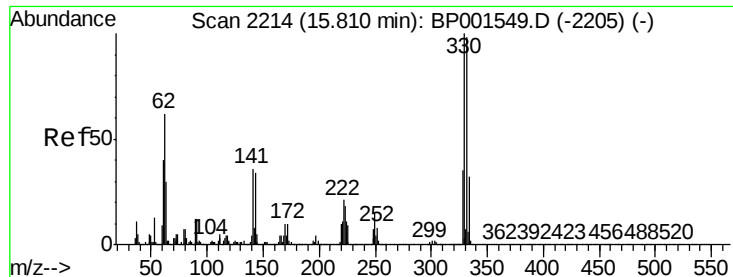
Tot Ion	82	Resp	145658
Ion Ratio	Lower	Upper	
82	100		
128	34.9	28.4	42.6
54	71.5	53.4	80.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.30 min Scan# 1958
 Delta R.T. -0.01 min
 Lab File: BP001561.D
 Acq: 08 Jan 2020 20:18

Tgt Ion	164	Resp	74508
Ion Ratio	Lower	Upper	
164	100		
162	100.1	79.8	119.6
160	43.2	35.0	52.6





#42

2,4,6-Tribromophenol

Concen: 109.977 ng

RT: 15.80 min Scan# 2213

Delta R.T. -0.01 min

Lab File: BP001561.D

Acq: 08 Jan 2020 20:18

Instrument :

BNA_P

ClientSampleId :

PB125843BL

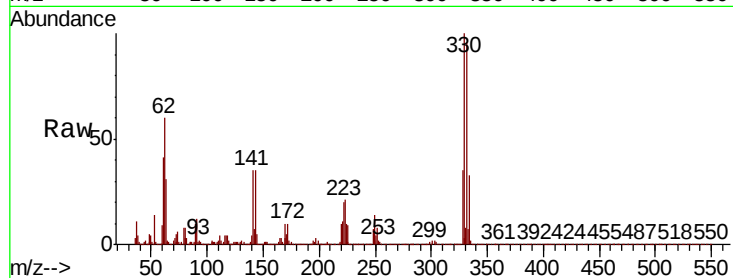
Tot Ion:330 Resp: 124731

Ion Ratio Lower Upper

330 100

332 96.0 77.8 116.6

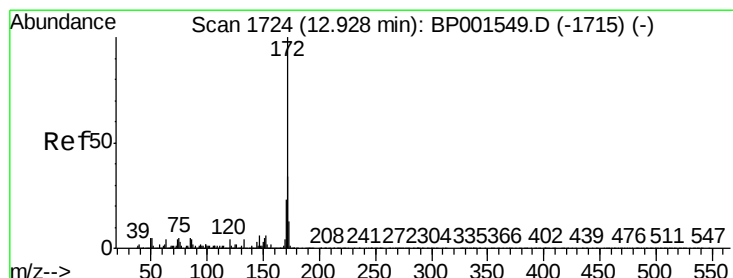
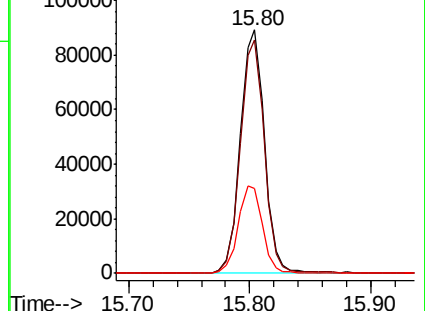
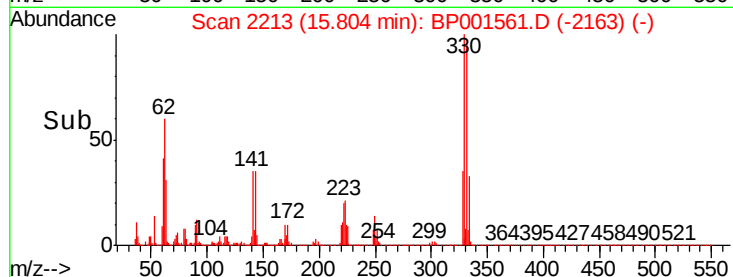
141 36.3 28.7 43.1



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: 73.151 ng

RT: 12.92 min Scan# 1723

Delta R.T. -0.01 min

Lab File: BP001561.D

Acq: 08 Jan 2020 20:18

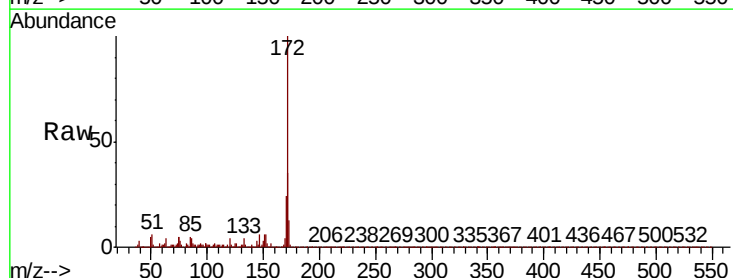
Tgt Ion:172 Resp: 370701

Ion Ratio Lower Upper

172 100

171 35.1 27.6 41.4

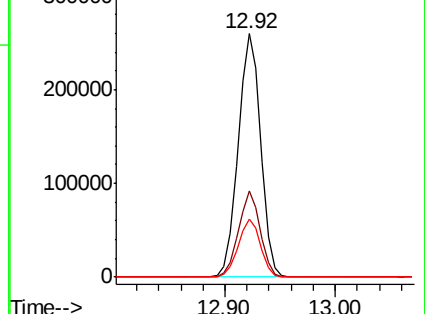
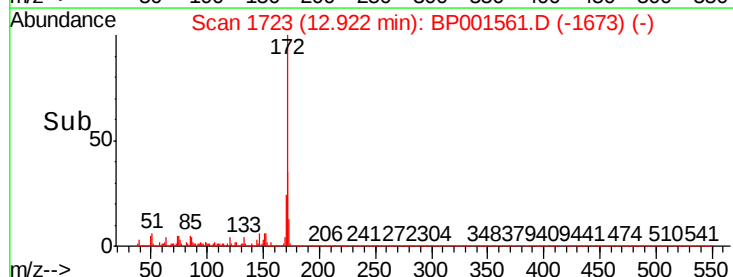
170 23.7 18.3 27.5

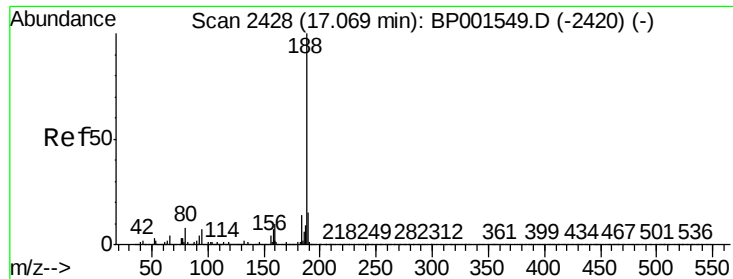


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

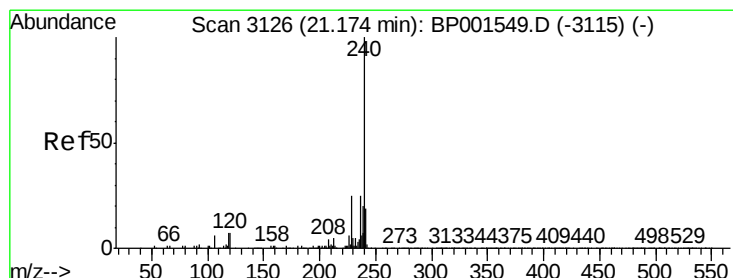
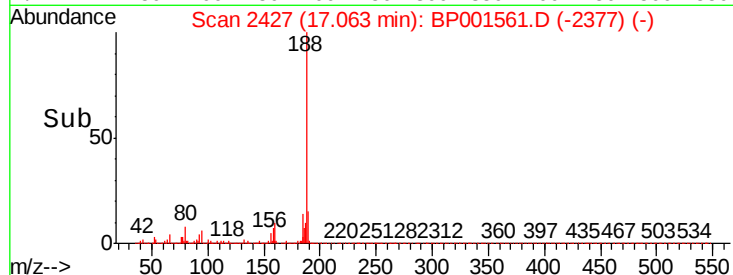
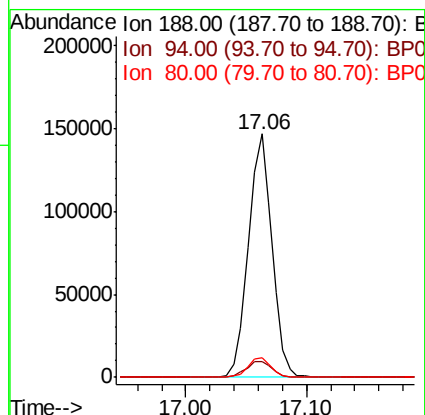
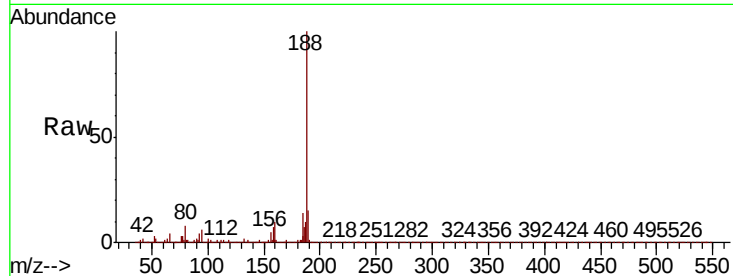




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.06 min Scan# 2427
Delta R.T. -0.01 min
Lab File: BP001561.D
Acq: 08 Jan 2020 20:18

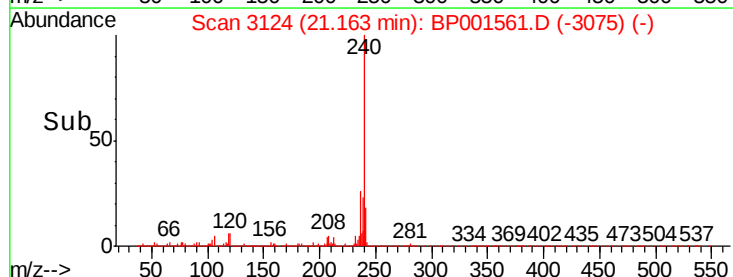
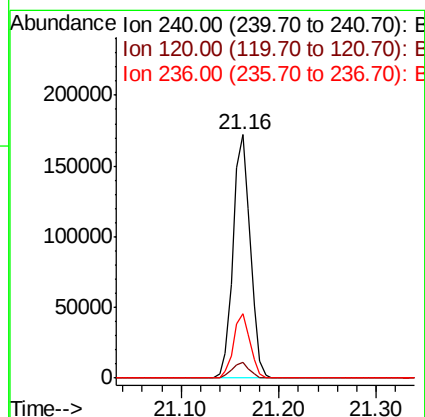
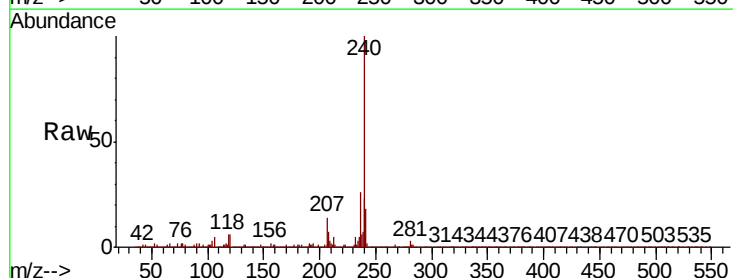
Instrument :
BNA_P
ClientSampleId :
PB125843BL

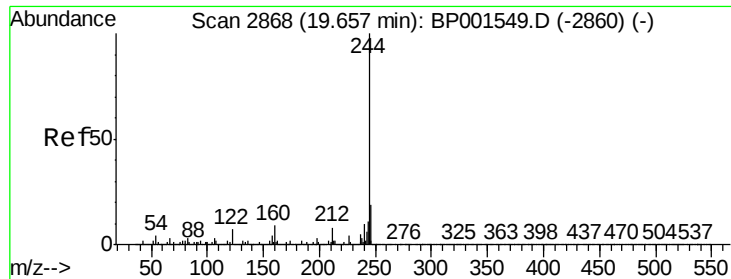
Tot Ion:188 Resp: 200678
Ion Ratio Lower Upper
188 100
94 6.4 5.9 8.9
80 8.2 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.16 min Scan# 3124
Delta R.T. -0.01 min
Lab File: BP001561.D
Acq: 08 Jan 2020 20:18

Tgt Ion:240 Resp: 210459
Ion Ratio Lower Upper
240 100
120 6.3 5.7 8.5
236 26.3 20.4 30.6





#79

Terphenyl-d14

Concen: 77.085 ng

RT: 19.65 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BP001561.D

Acq: 08 Jan 2020 20:18

Instrument :

BNA_P

ClientSampleId :

PB125843BL

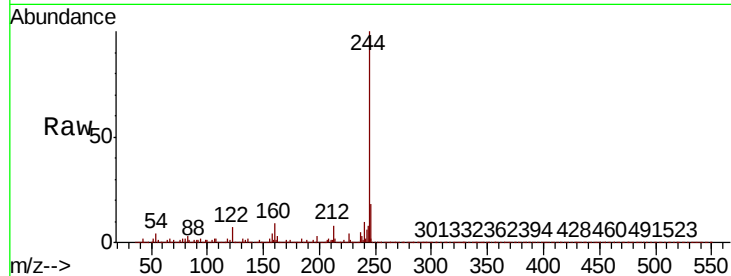
Tot Ion:244 Resp: 886983

Ion Ratio Lower Upper

244 100

212 8.0 6.3 9.5

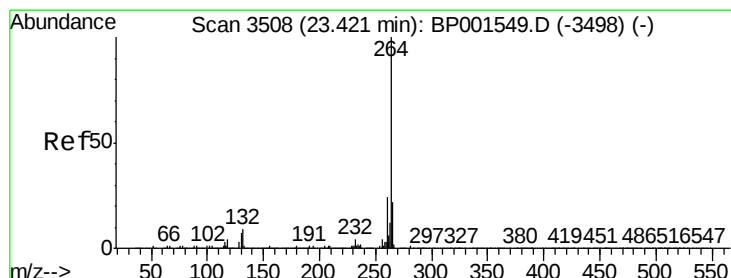
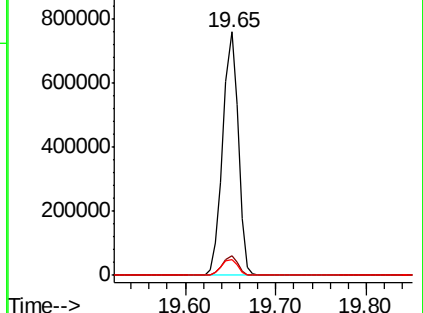
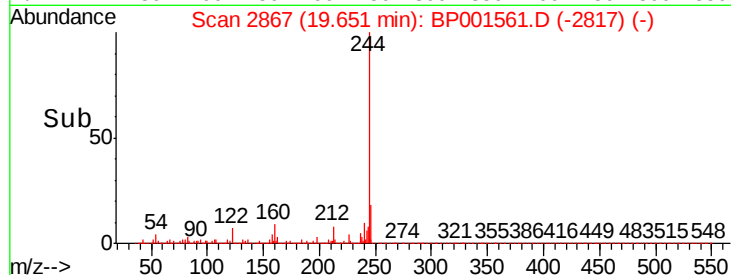
122 6.5 5.8 8.6



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: BP001561.D

Acq: 08 Jan 2020 20:18

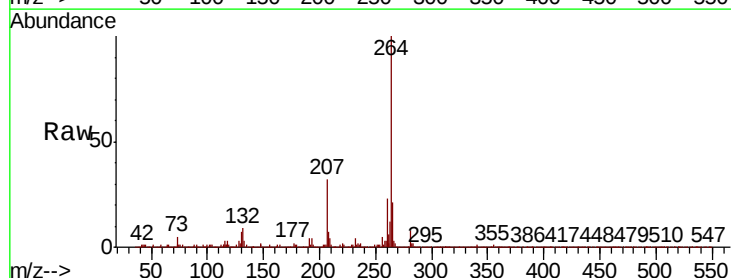
Tgt Ion:264 Resp: 205506

Ion Ratio Lower Upper

264 100

260 22.9 19.0 28.6

265 21.3 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

