

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010920\
 Data File : BP001580.D
 Acq On : 09 Jan 2020 15:32
 Operator : JU
 Sample : PB125975BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB125975BL

Quant Time: Jan 10 05:53:43 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	7.65	152	31345	20.00	ng	-0.01
21) Naphthalene-d8	10.43	136	130055	20.00	ng	-0.01
39) Acenaphthene-d10	14.30	164	101269	20.00	ng	-0.01
64) Phenanthrene-d10	17.06	188	262713	20.00	ng	-0.01
76) Chrysene-d12	21.16	240	260217	20.00	ng	-0.02
87) Perylene-d12	23.40	264	241385	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	156111	97.56	ng	-0.01
7) Phenol-d6	6.85	99	148930	58.24	ng	-0.01
23) Nitrobenzene-d5	8.80	82	251006	84.34	ng	-0.01
42) 2,4,6-Tribromophenol	15.80	330	194386	126.10	ng	-0.01
45) 2-Fluorobiphenyl	12.92	172	571355	82.95	ng	-0.01
79) Terphenyl-d14	19.65	244	1246638	87.62	ng	-0.01

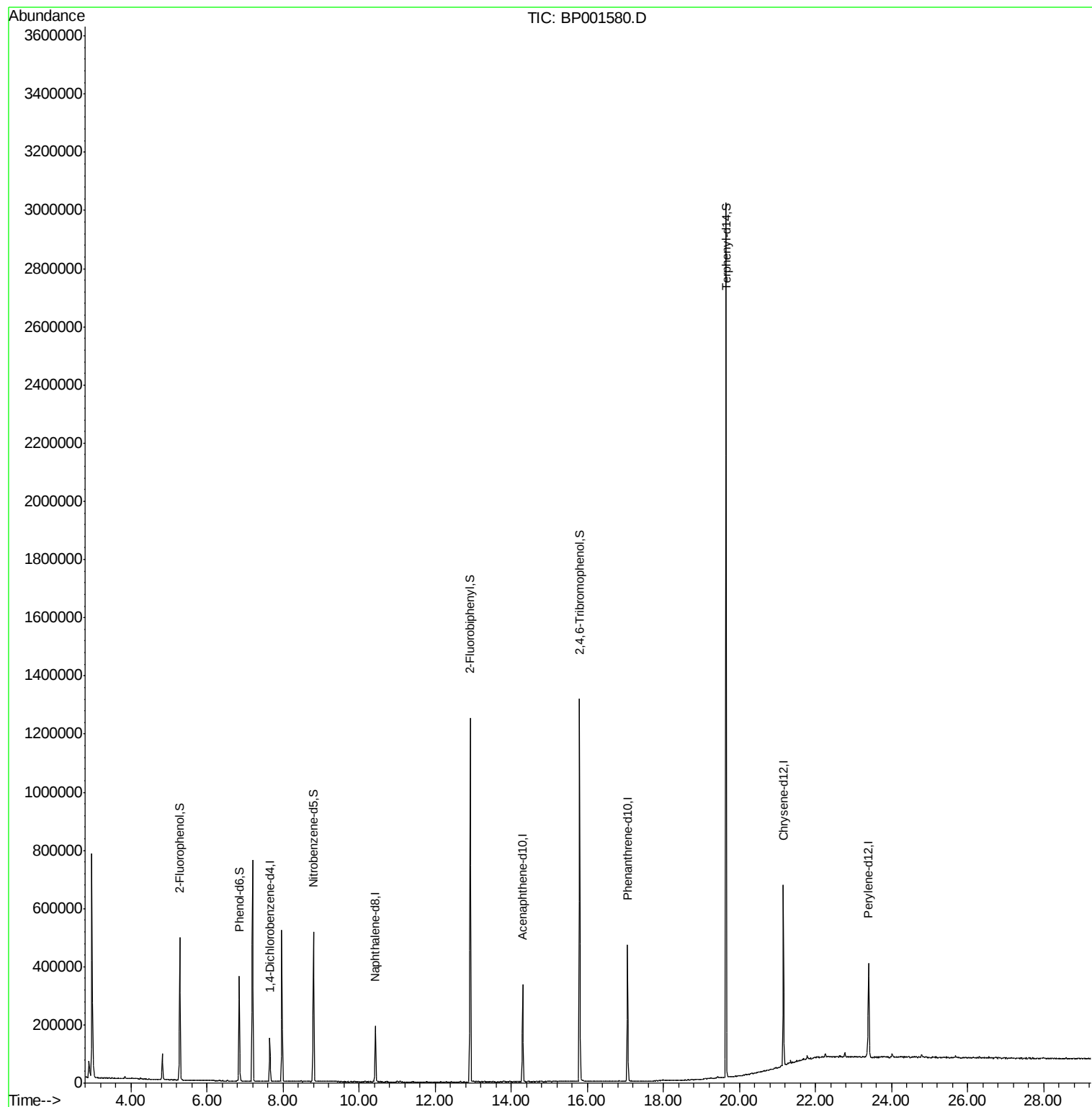
Target Compounds Qvalue

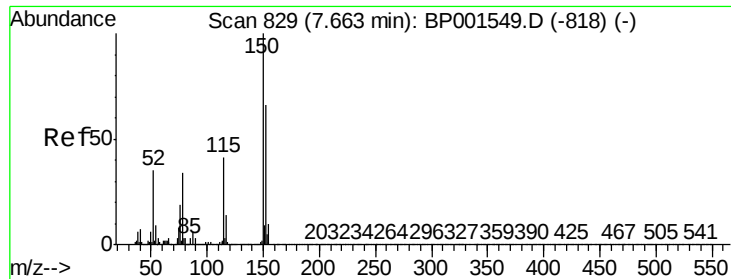
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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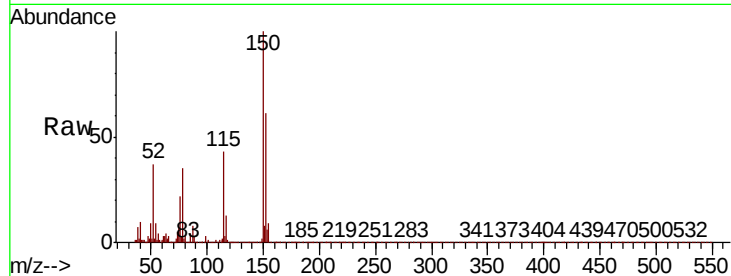


#1

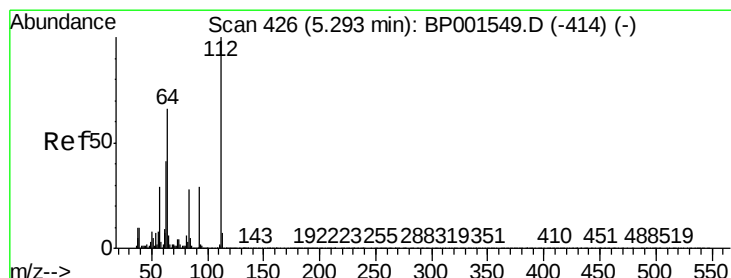
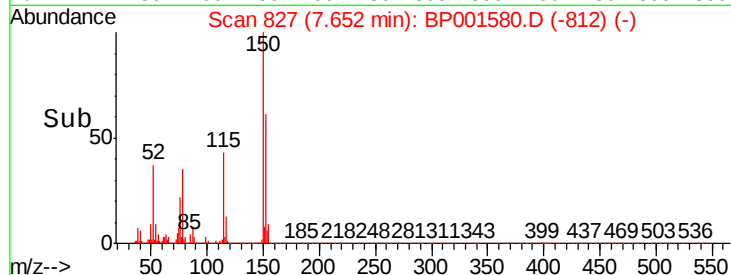
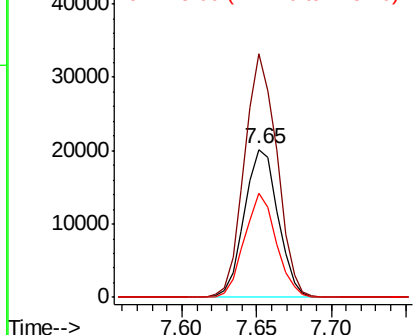
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 827
Delta R.T. -0.01 min
Lab File: BP001580.D
Acq: 09 Jan 2020 15:32

Instrument :
BNA_P
ClientSampleId :
PB125975BL

Tot Ion:152 Resp: 31345
Ion Ratio Lower Upper
152 100
150 164.6 122.0 183.0
115 70.0 50.7 76.1



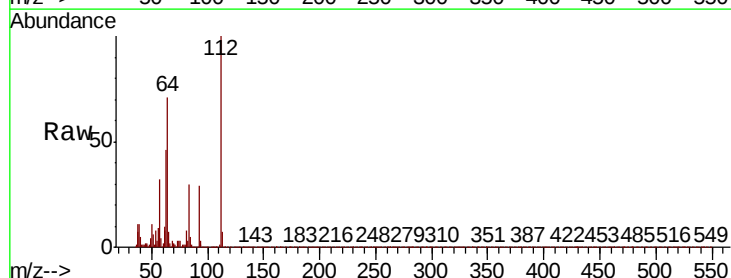
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



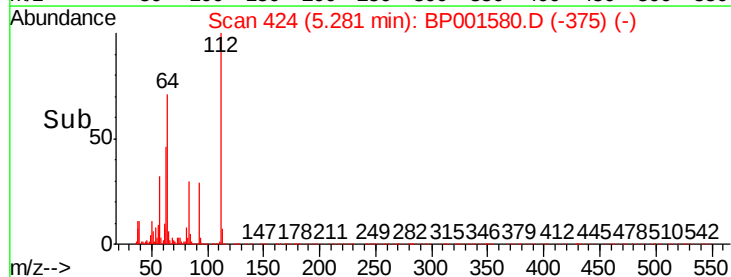
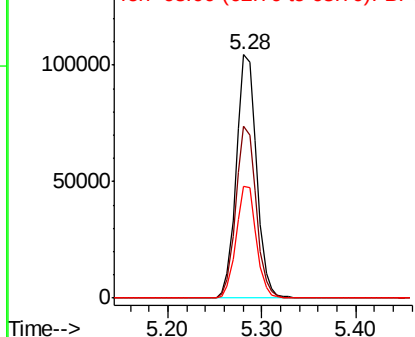
#5

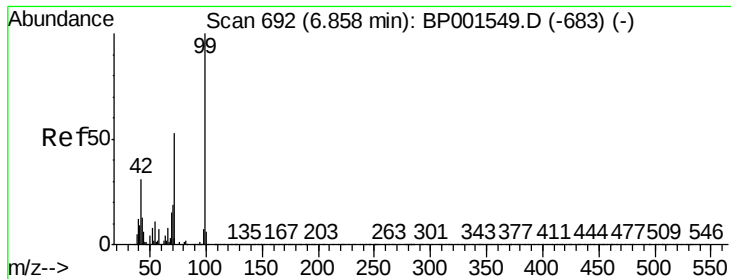
2-Fluorophenol
Concen: 97.561 ng
RT: 5.28 min Scan# 424
Delta R.T. -0.01 min
Lab File: BP001580.D
Acq: 09 Jan 2020 15:32

Tgt Ion:112 Resp: 156111
Ion Ratio Lower Upper
112 100
64 70.7 52.8 79.2
63 45.9 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: 58.237 ng

RT: 6.85 min Scan# 690

Delta R.T. -0.01 min

Lab File: BP001580.D

Acq: 09 Jan 2020 15:32

Instrument :

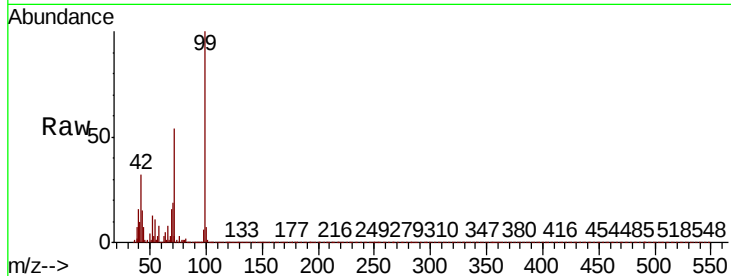
BNA_P

ClientSampleId :

PB125975BL

Tot Ion: 99 Resp: 148930

Ion	Ratio	Lower	Upper
99	100		
42	32.5	24.5	36.7
71	53.8	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

120000

100000

80000

60000

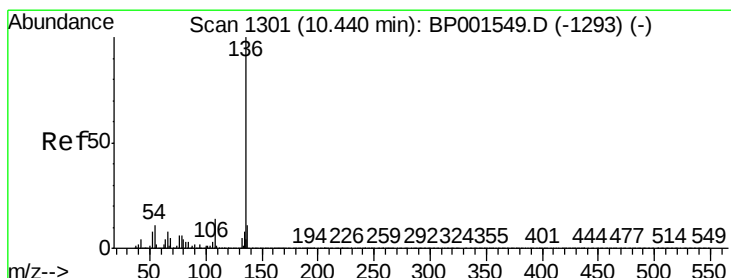
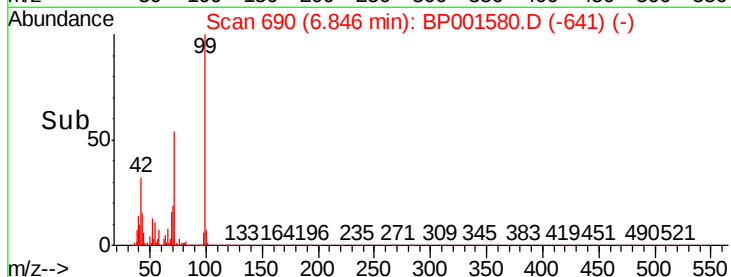
40000

20000

0

6.85

Time--> 6.75 6.80 6.85 6.90 6.95



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.43 min Scan# 1299

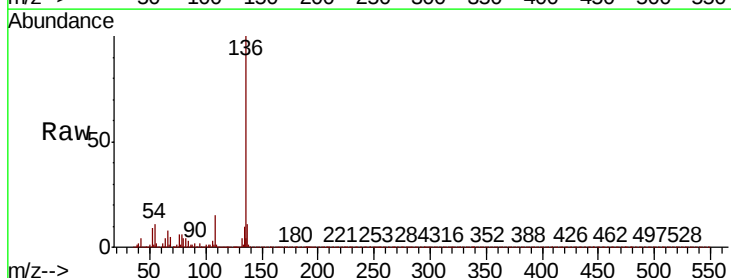
Delta R.T. -0.01 min

Lab File: BP001580.D

Acq: 09 Jan 2020 15:32

Tgt Ion: 136 Resp: 130055

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	11.4	9.2	13.8
68	5.3	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

120000

100000

80000

60000

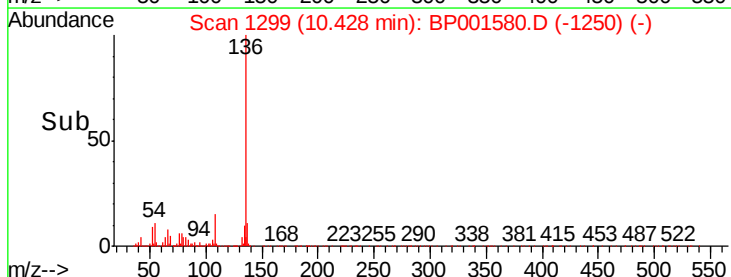
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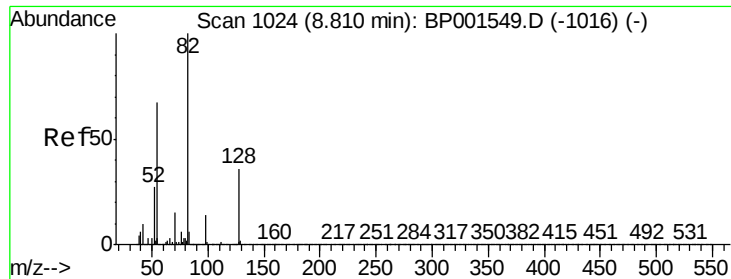
20000

0

10.43

Time--> 10.40 10.50

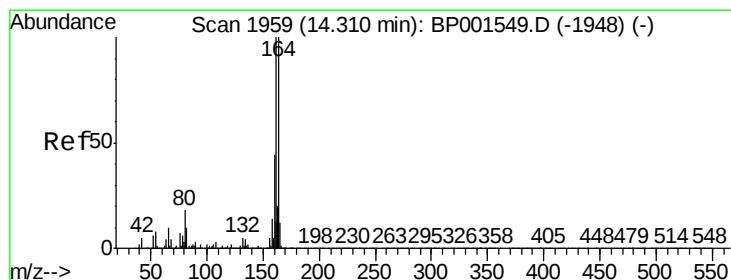
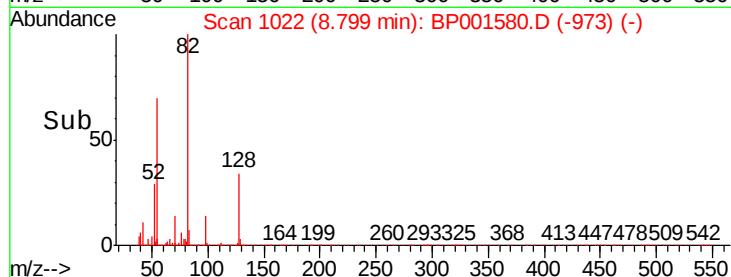
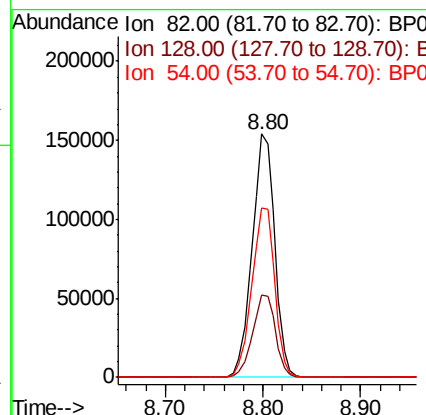
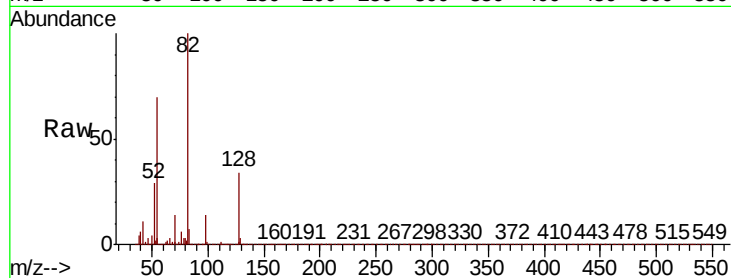




#23
 Nitrobenzene-d5
 Concen: 84.336 ng
 RT: 8.80 min Scan# 1022
 Delta R.T. -0.01 min
 Lab File: BP001580.D
 Acq: 09 Jan 2020 15:32

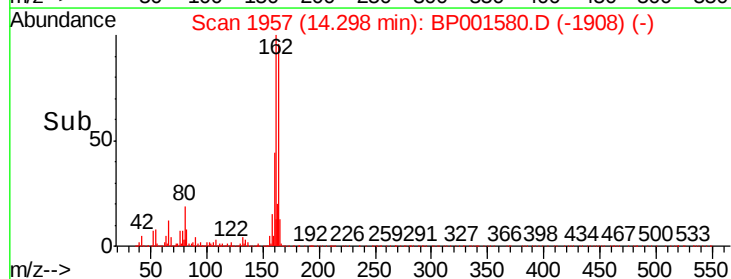
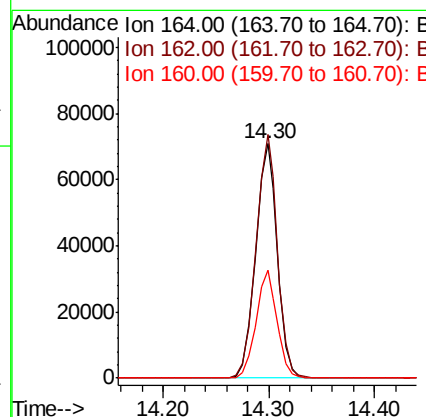
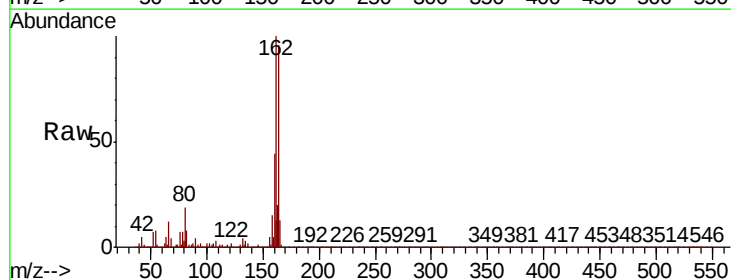
Instrument :
 BNA_P
 ClientSampleId :
 PB125975BL

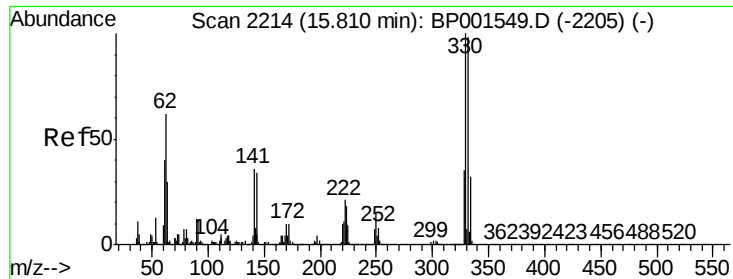
Tot Ion	82	Resp	251006
Ion Ratio	Lower	Upper	
82	100		
128	33.9	28.4	42.6
54	69.7	53.4	80.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.30 min Scan# 1957
 Delta R.T. -0.01 min
 Lab File: BP001580.D
 Acq: 09 Jan 2020 15:32

Tgt Ion	164	Resp	101269
Ion Ratio	Lower	Upper	
164	100		
162	103.8	79.8	119.6
160	45.8	35.0	52.6

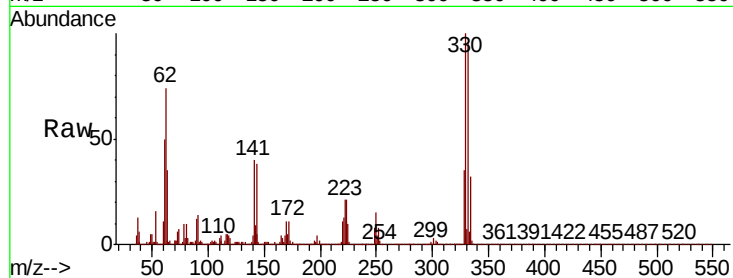




#42
2,4,6-Tribromophenol
Concen: 126.101 ng
RT: 15.80 min Scan# 2212
Delta R.T. -0.01 min
Lab File: BP001580.D
Acq: 09 Jan 2020 15:32

Instrument :
BNA_P
ClientSampleId :
PB125975BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.8	116.6
141	38.1	28.7	43.1

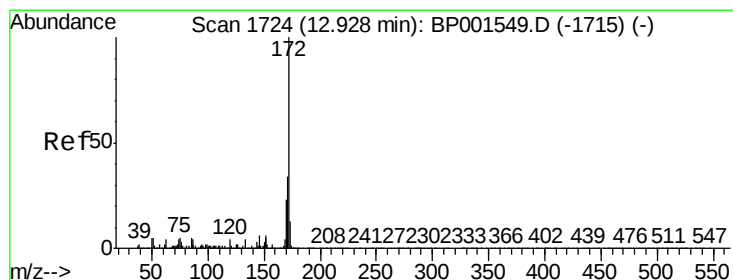
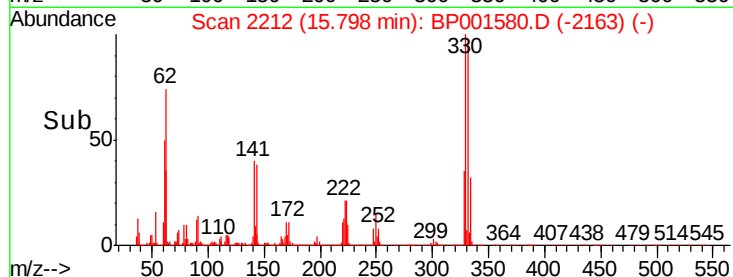
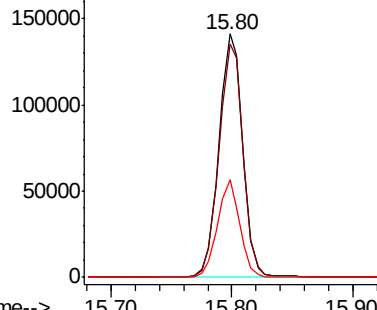


Abundance

Ion 329.80 (329.50 to 330.50): E

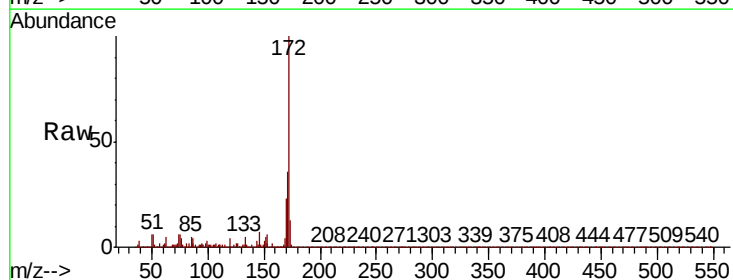
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
2-Fluorobiphenyl
Concen: 82.952 ng
RT: 12.92 min Scan# 1722
Delta R.T. -0.01 min
Lab File: BP001580.D
Acq: 09 Jan 2020 15:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	27.6	41.4
170	23.5	18.3	27.5

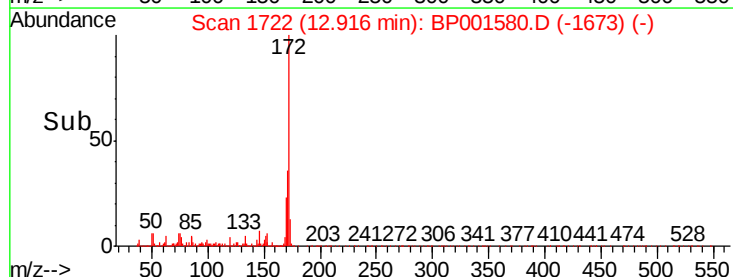
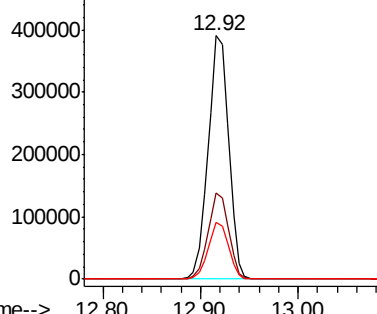


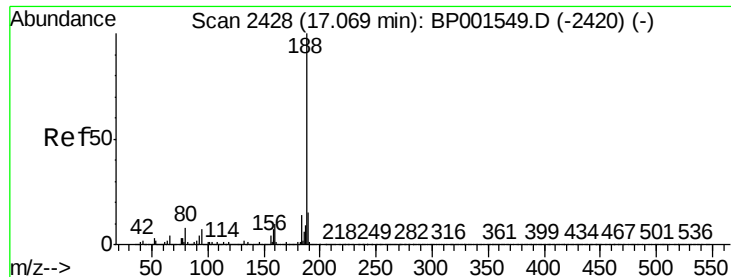
Abundance

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

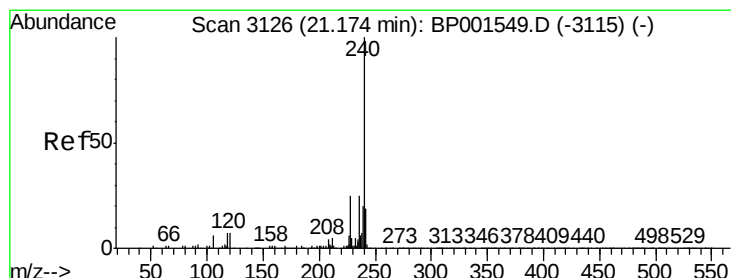
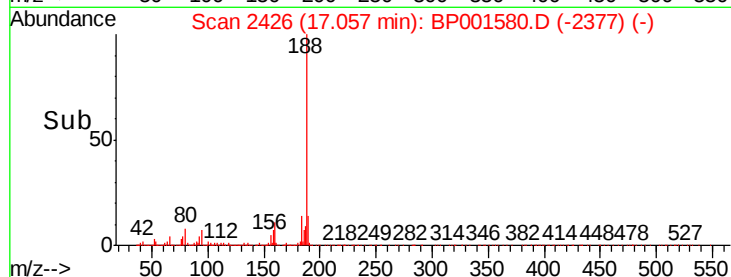
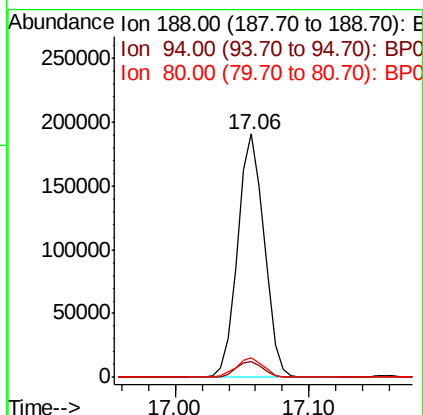
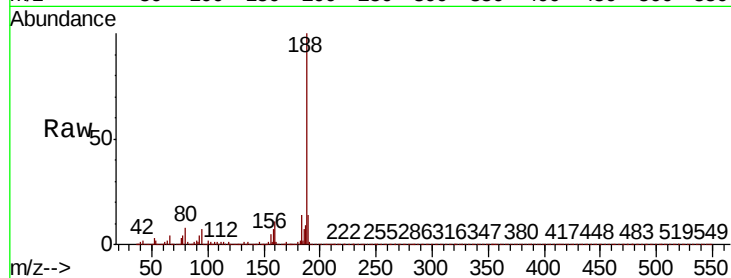




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.06 min Scan# 2426
Delta R.T. -0.01 min
Lab File: BP001580.D
Acq: 09 Jan 2020 15:32

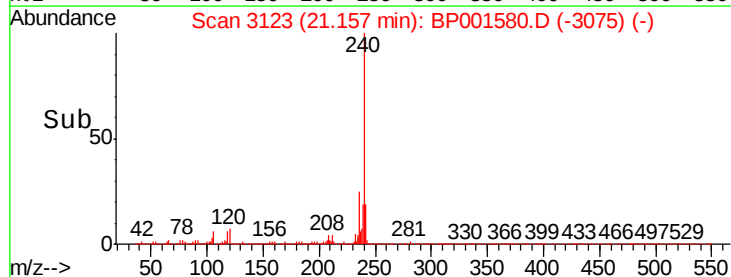
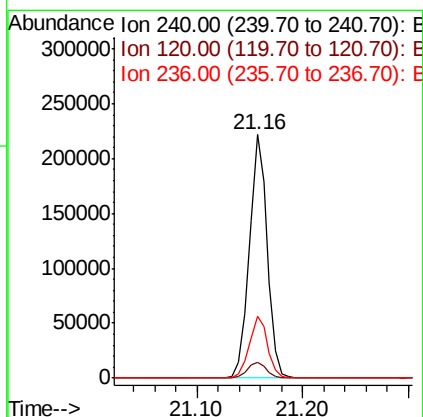
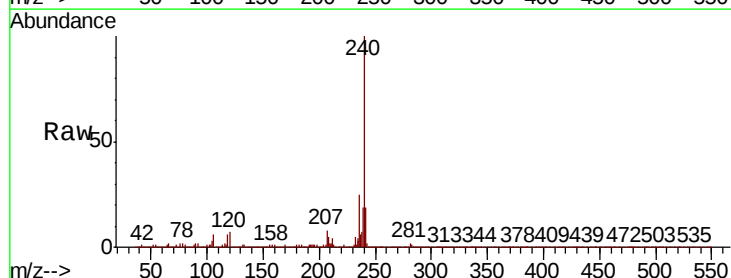
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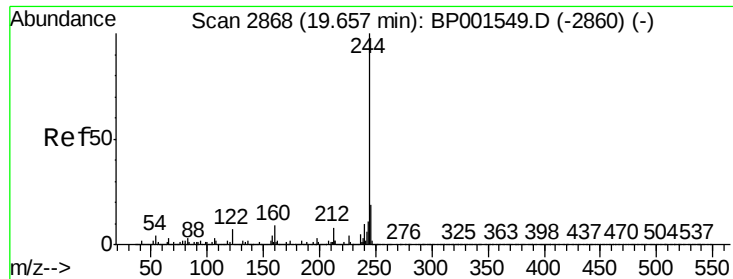
Tot Ion:188 Resp: 262713
Ion Ratio Lower Upper
188 100
94 6.7 5.9 8.9
80 8.3 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.16 min Scan# 3123
Delta R.T. -0.02 min
Lab File: BP001580.D
Acq: 09 Jan 2020 15:32

Tgt Ion:240 Resp: 260217
Ion Ratio Lower Upper
240 100
120 6.7 5.7 8.5
236 25.5 20.4 30.6





#79

Terphenyl-d14

Concen: 87.625 ng

RT: 19.65 min Scan# 2866

Delta R.T. -0.01 min

Lab File: BP001580.D

Acq: 09 Jan 2020 15:32

Instrument :

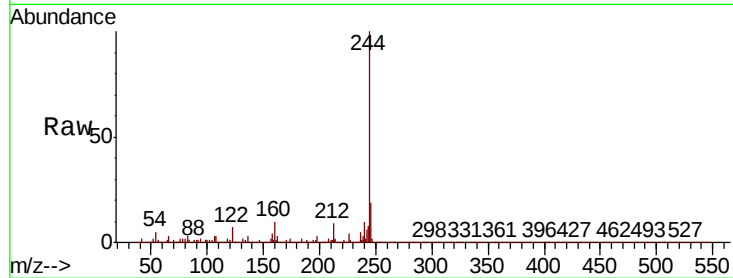
BNA_P

ClientSampleId :

PB125975BL

Tot Ion:244 Resp: 1246638

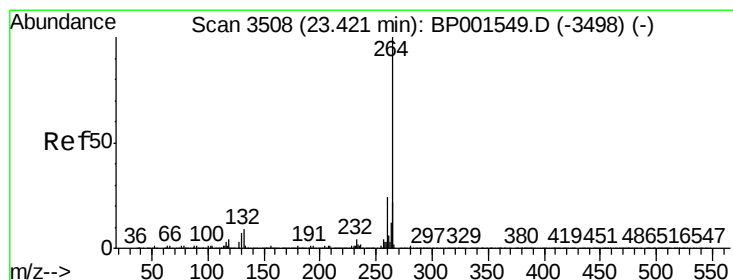
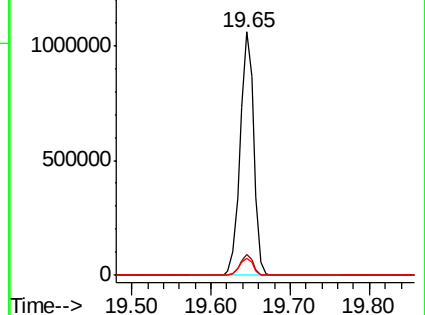
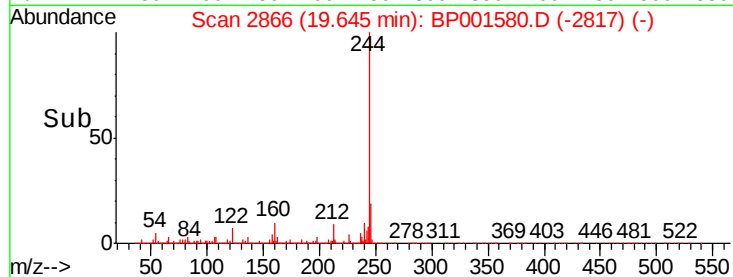
Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.3	9.5
122	7.2	5.8	8.6



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# 3504

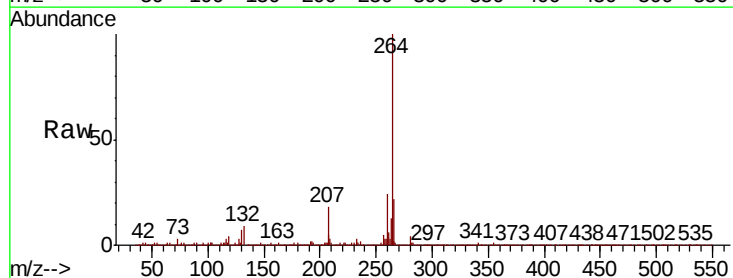
Delta R.T. -0.02 min

Lab File: BP001580.D

Acq: 09 Jan 2020 15:32

Tgt Ion:264 Resp: 241385

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.0	28.6
265	21.8	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

