

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP082820\
 Data File : BP003148.D
 Acq On : 28 Aug 2020 13:06
 Operator : CG/JU
 Sample : PB131230BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB131230BL

Quant Time: Aug 28 14:12:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP082420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 24 15:32:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	270582	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	1061368	20.00	ng	0.00
39) Acenaphthene-d10	14.30	164	658524	20.00	ng	0.00
64) Phenanthrene-d10	17.06	188	1463469	20.00	ng	0.00
76) Chrysene-d12	21.15	240	1630659	20.00	ng	0.00
86) Perylene-d12	23.39	264	1777645	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1712361	111.89	ng	0.00
7) Phenol-d6	6.85	99	1989313	103.69	ng	0.00
23) Nitrobenzene-d5	8.81	82	1174759	79.79	ng	0.00
42) 2,4,6-Tribromophenol	15.80	330	1058839	118.89	ng	0.00
45) 2-Fluorobiphenyl	12.92	172	3414662	75.94	ng	0.00
79) Terphenyl-d14	19.64	244	5226107	70.52	ng	0.00

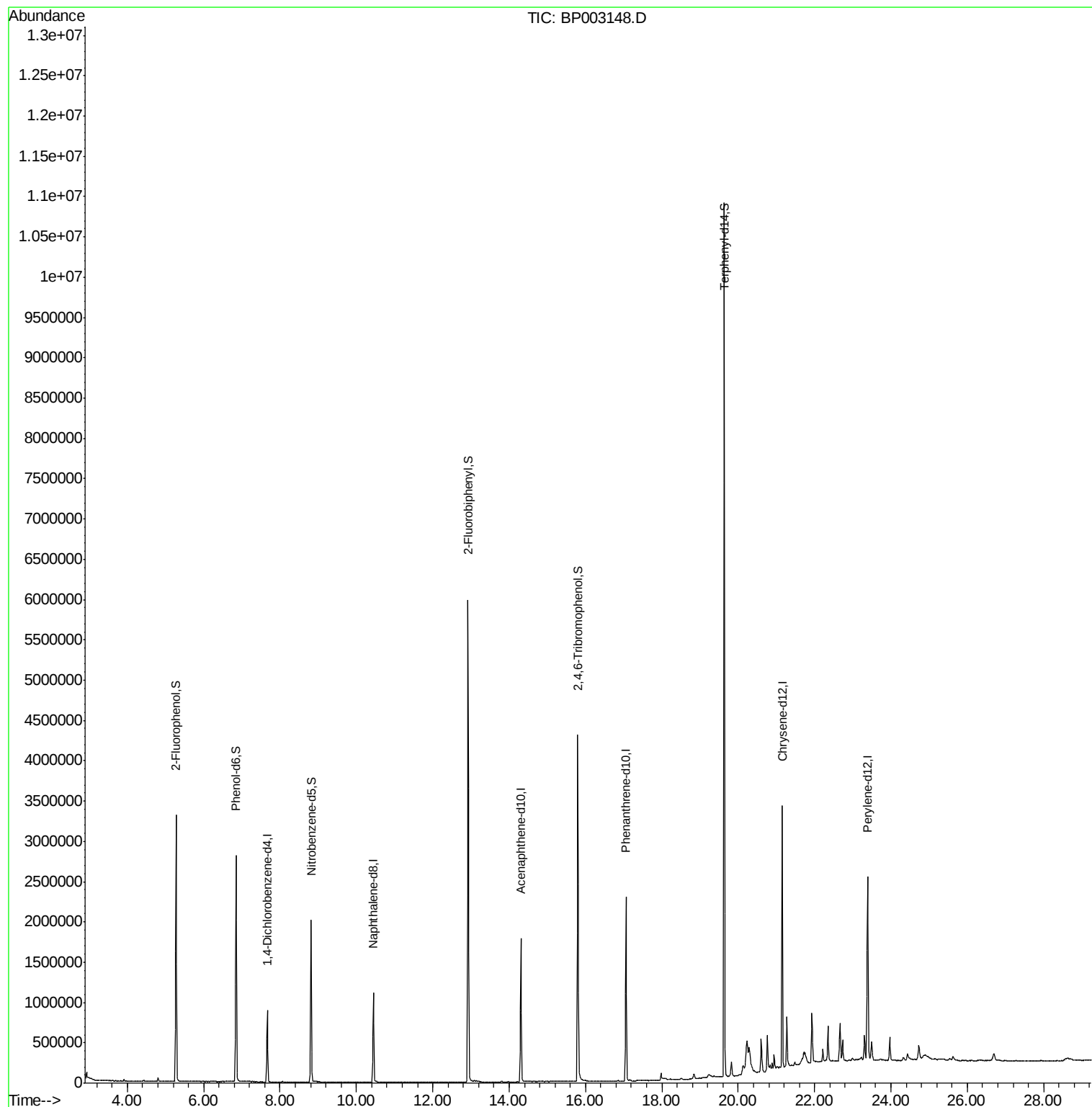
Target Compounds Qvalue

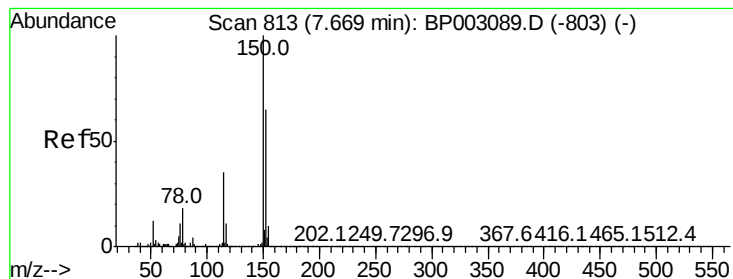
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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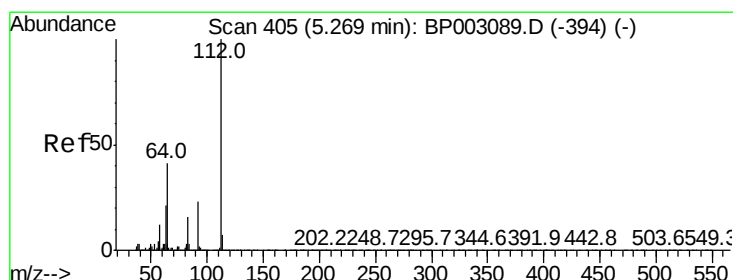
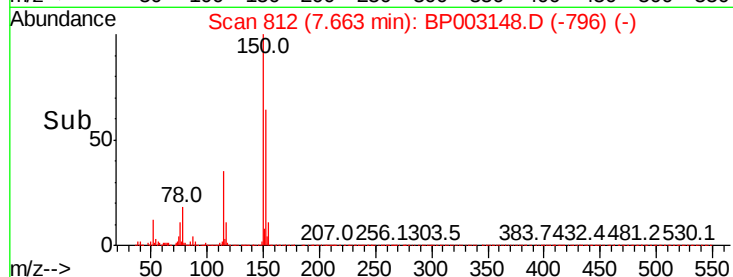
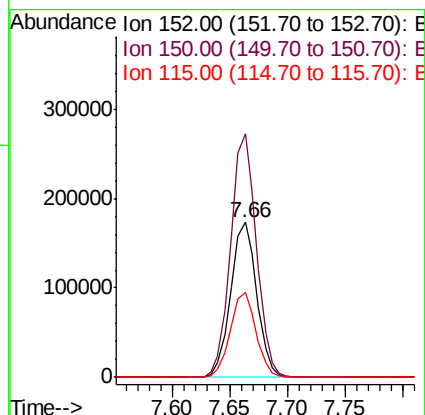
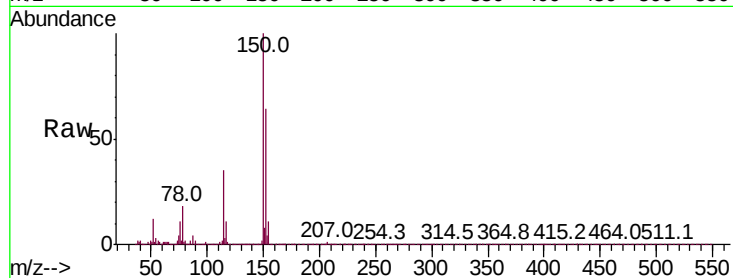


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 812
Delta R.T. -0.01 min
Lab File: BP003148.D
Acq: 28 Aug 2020 13:06

Instrument :
BNA_P
ClientSampleId :
PB131230BL

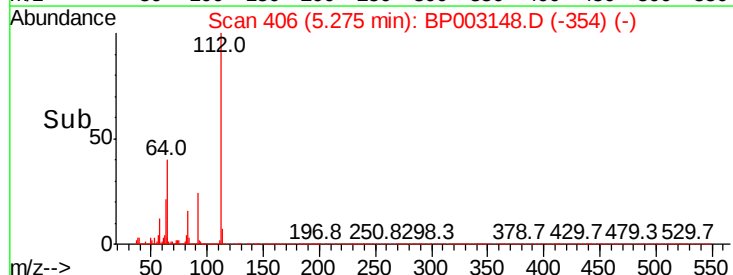
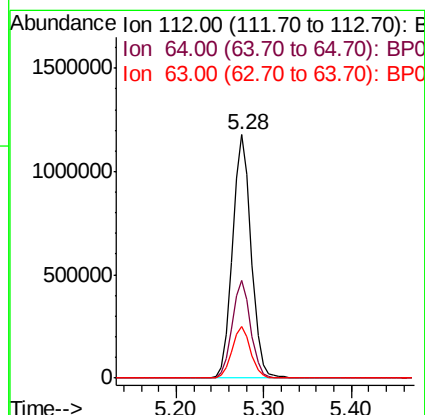
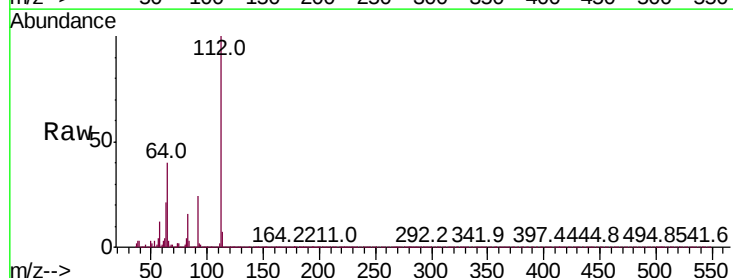
Tot Ion:152 Resp: 270582
Ion Ratio Lower Upper
152 100
150 156.9 123.1 184.7
115 55.1 42.8 64.2

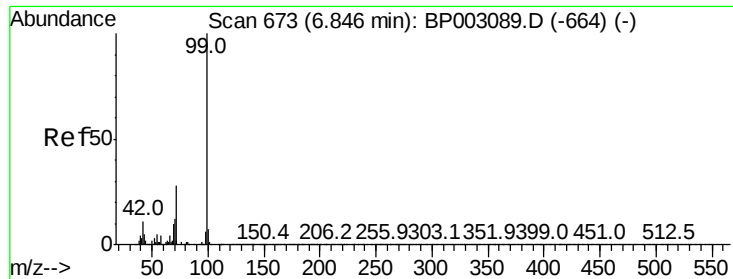


#5

2-Fluorophenol
Concen: 111.888 ng
RT: 5.28 min Scan# 406
Delta R.T. 0.01 min
Lab File: BP003148.D
Acq: 28 Aug 2020 13:06

Tgt Ion:112 Resp: 1712361
Ion Ratio Lower Upper
112 100
64 40.2 33.0 49.6
63 21.0 16.9 25.3





#7

Phenol-d6

Concen: 103.692 ng

RT: 6.85 min Scan# 674

Delta R.T. 0.01 min

Lab File: BP003148.D

Acq: 28 Aug 2020 13:06

Instrument :

BNA_P

ClientSampleId :

PB131230BL

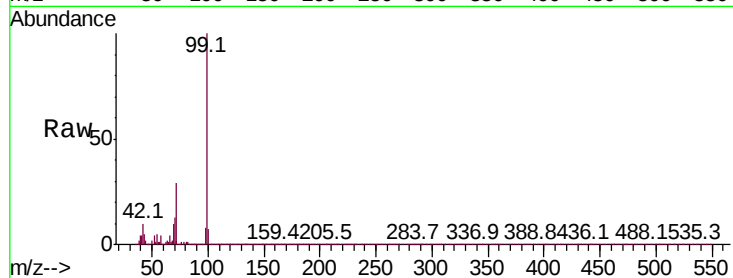
Tot Ion: 99 Resp: 1989313

Ion Ratio Lower Upper

99 100

42 10.4 8.5 12.7

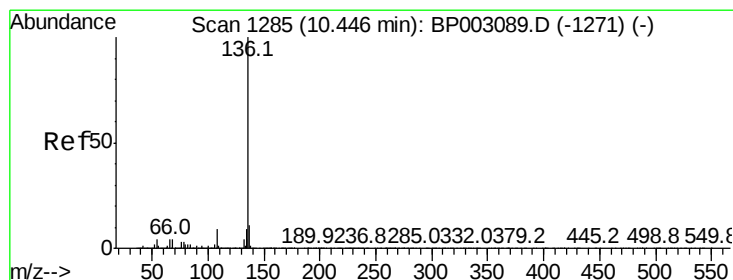
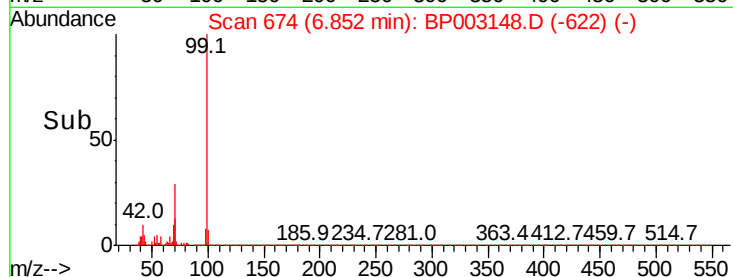
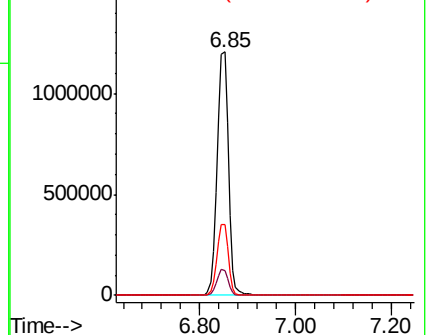
71 29.3 22.8 34.2



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: 10.44 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BP003148.D

Acq: 28 Aug 2020 13:06

Tgt Ion: 136 Resp: 1061368

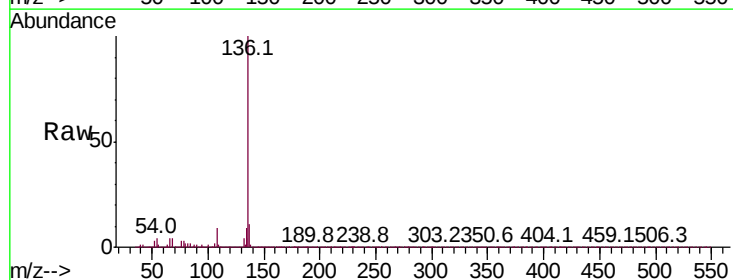
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 4.4 3.5 5.3

68 4.1 3.2 4.8

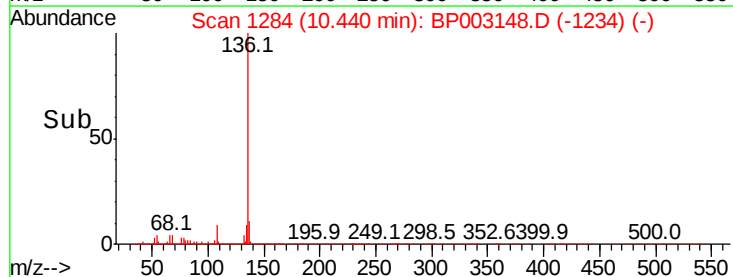
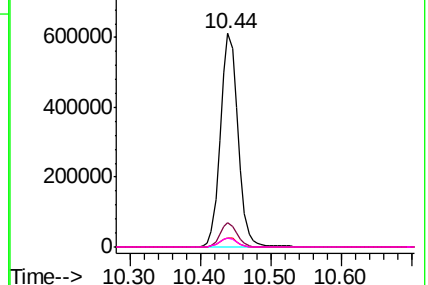


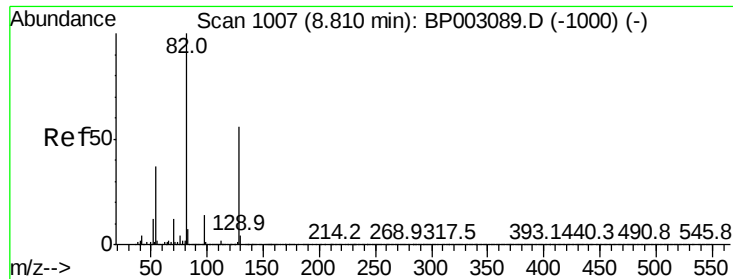
Abundance Ion 136.00 (135.70 to 136.70): E

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



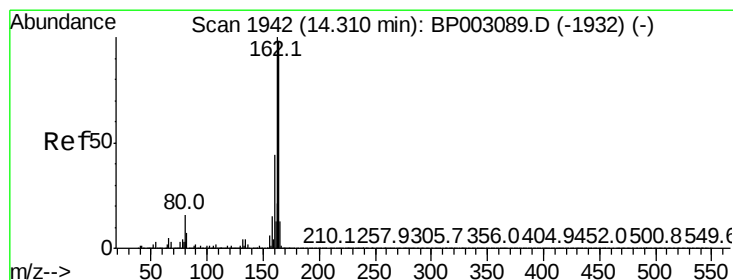
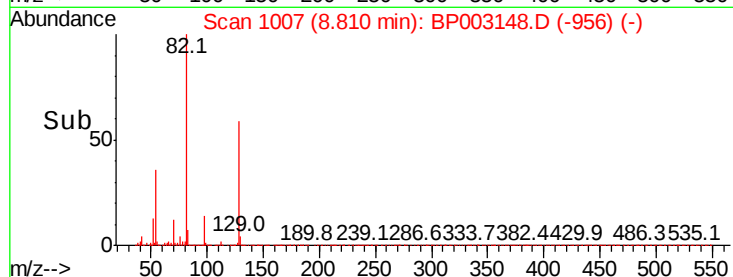
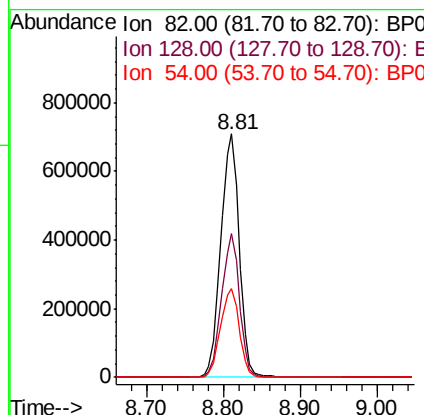
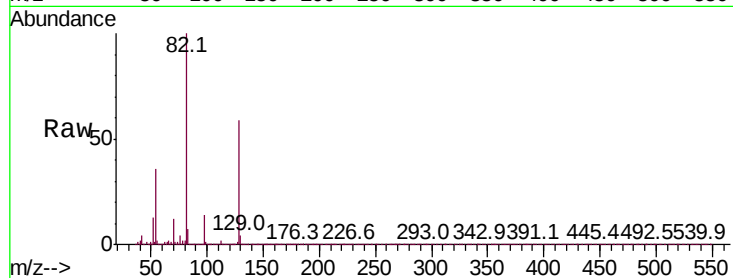


#23
 Nitrobenzene-d5
 Concen: 79.792 ng
 RT: 8.81 min Scan# 1007
 Delta R.T. 0.00 min
 Lab File: BP003148.D
 Acq: 28 Aug 2020 13:06

Instrument :
 BNA_P
 ClientSampleId :
 PB131230BL

Tot Ion: 82 Resp: 1174759

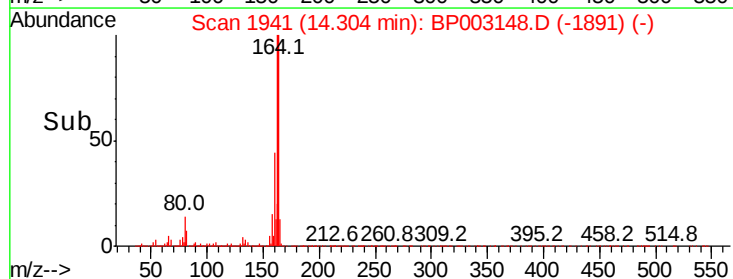
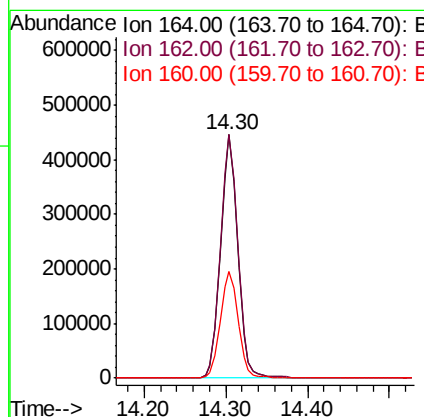
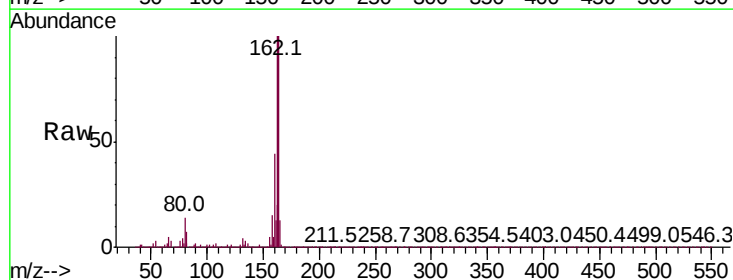
Ion	Ratio	Lower	Upper
82	100		
128	58.8	44.9	67.3
54	36.5	29.4	44.2

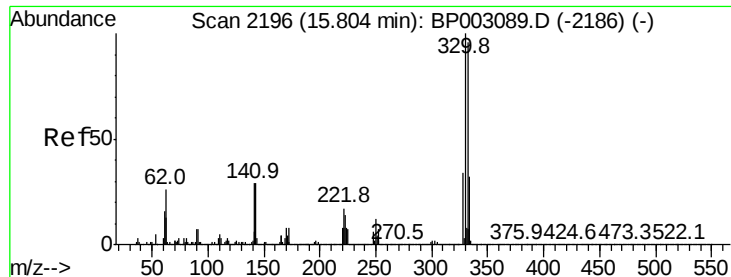


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.30 min Scan# 1941
 Delta R.T. -0.01 min
 Lab File: BP003148.D
 Acq: 28 Aug 2020 13:06

Tgt Ion: 164 Resp: 658524

Ion	Ratio	Lower	Upper
164	100		
162	99.9	81.2	121.8
160	43.9	36.0	54.0



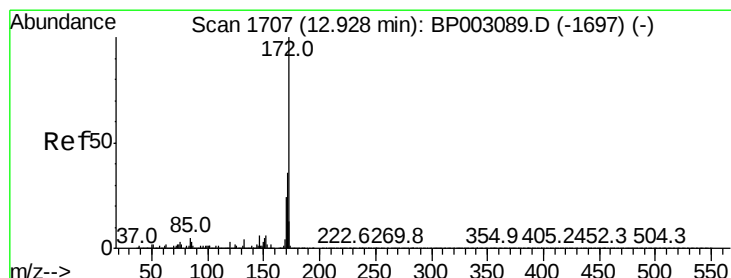
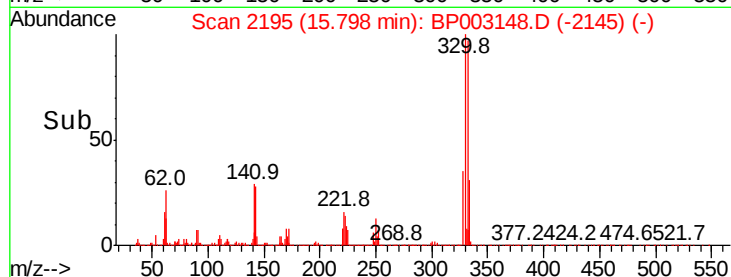
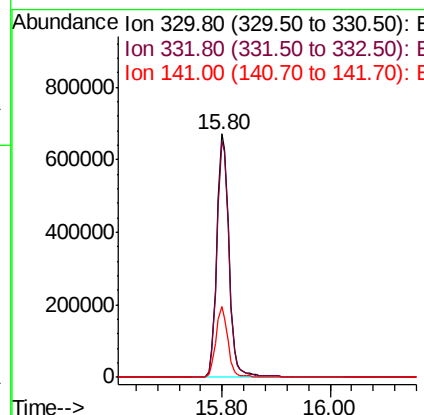
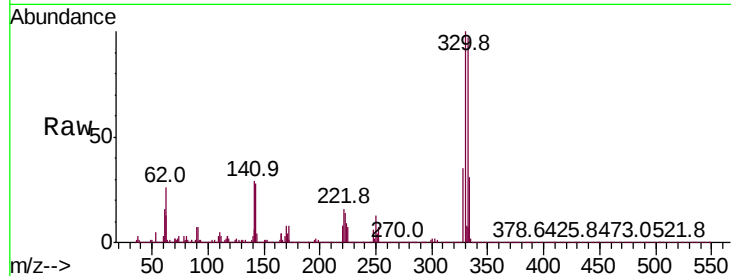


#42
 2,4,6-Tribromophenol
 Concen: 118.886 ng
 RT: 15.80 min Scan# 2195
 Delta R.T. -0.01 min
 Lab File: BP003148.D
 Acq: 28 Aug 2020 13:06

Instrument :
 BNA_P
 ClientSampleId :
 PB131230BL

Tot Ion:330 Resp: 1058839

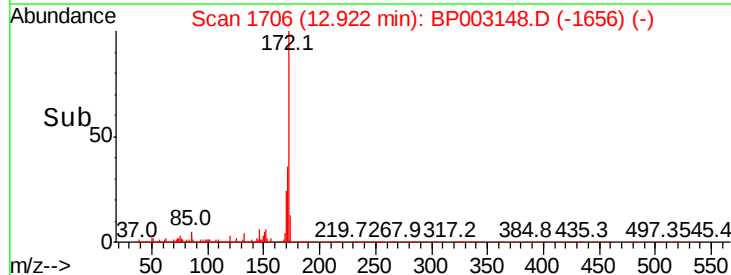
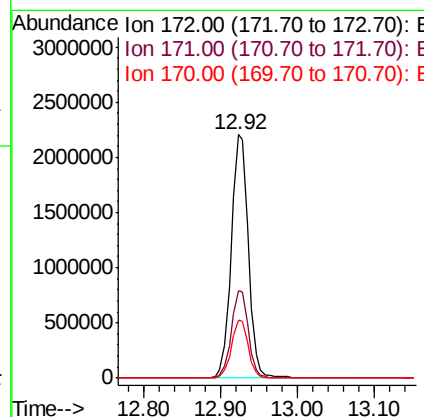
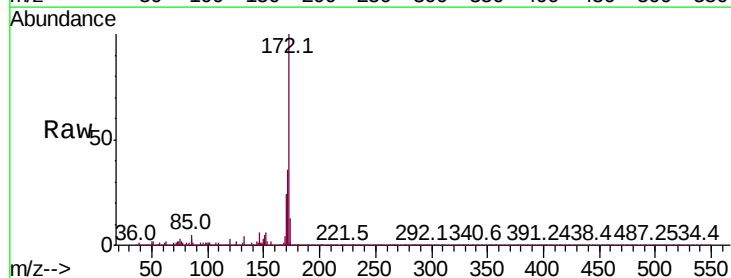
Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.3	115.9
141	28.6	24.4	36.6

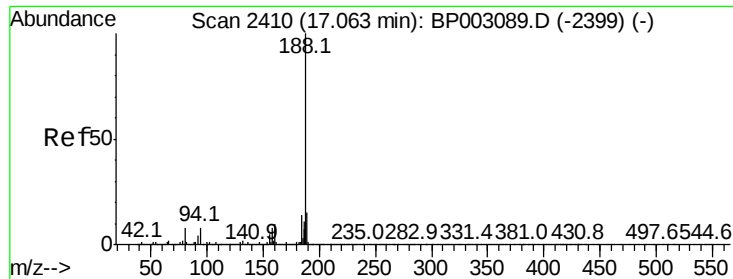


#45
 2-Fluorobiphenyl
 Concen: 75.937 ng
 RT: 12.92 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: BP003148.D
 Acq: 28 Aug 2020 13:06

Tgt Ion:172 Resp: 3414662

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.7	43.1
170	23.7	19.0	28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.06 min Scan# 2409

Delta R.T. -0.01 min

Lab File: BP003148.D

Acq: 28 Aug 2020 13:06

Instrument :

BNA_P

ClientSampleId :

PB131230BL

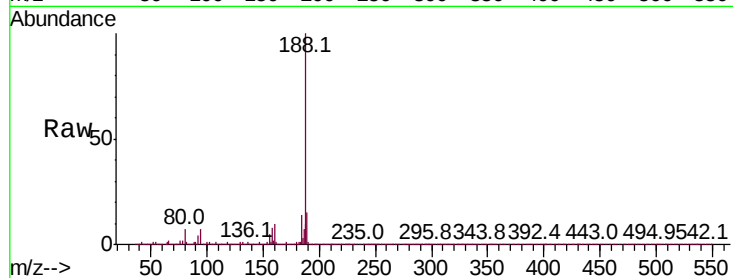
Tot Ion:188 Resp: 1463469

Ion Ratio Lower Upper

188 100

94 7.5 6.2 9.4

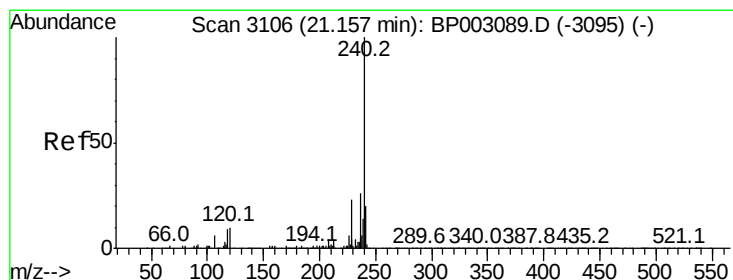
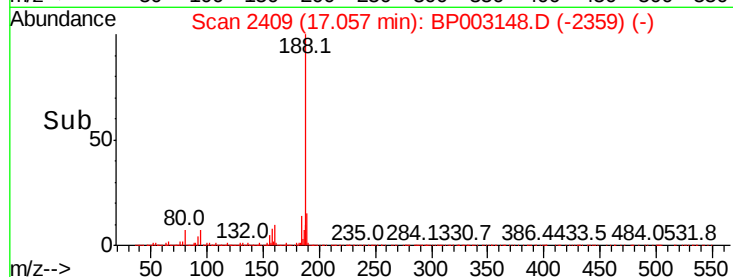
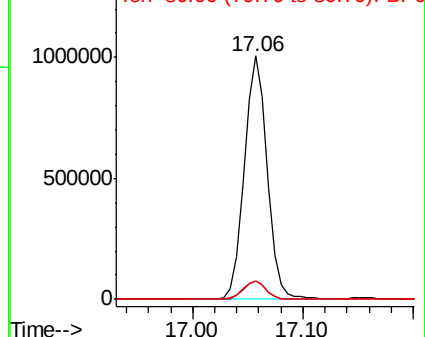
80 7.4 6.4 9.6



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.15 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BP003148.D

Acq: 28 Aug 2020 13:06

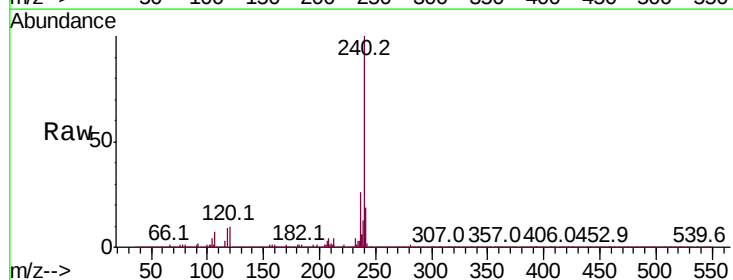
Tgt Ion:240 Resp: 1630659

Ion Ratio Lower Upper

240 100

120 10.0 8.4 12.6

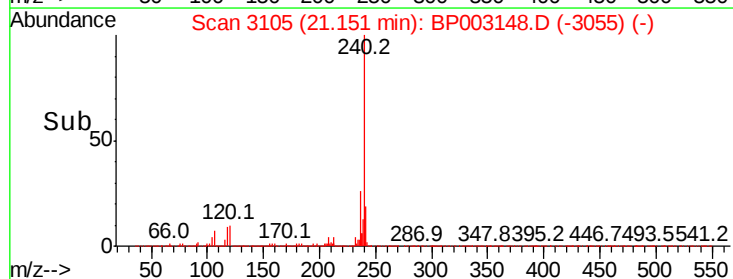
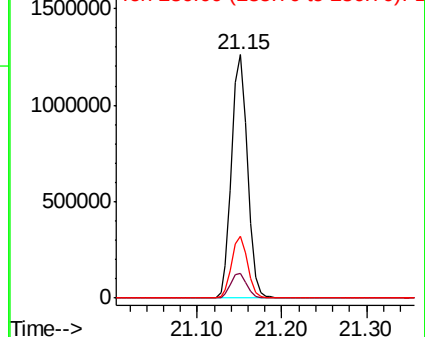
236 25.6 20.6 31.0

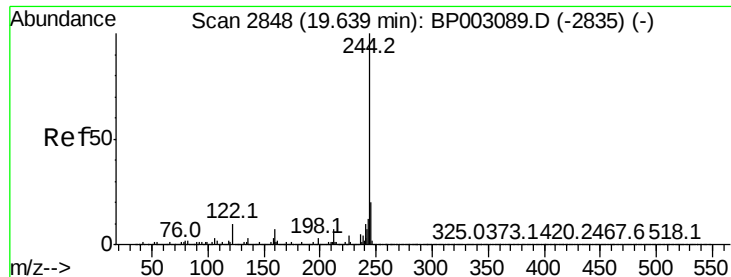


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



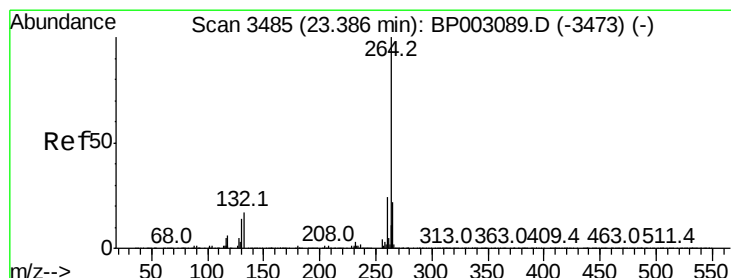
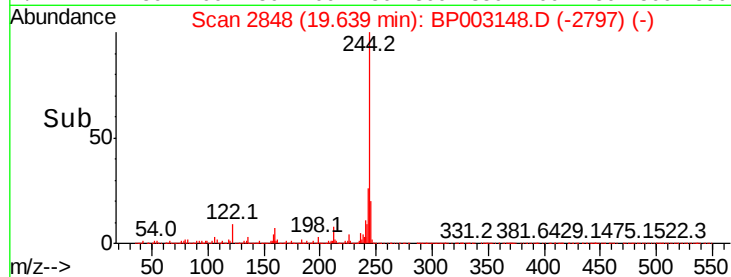
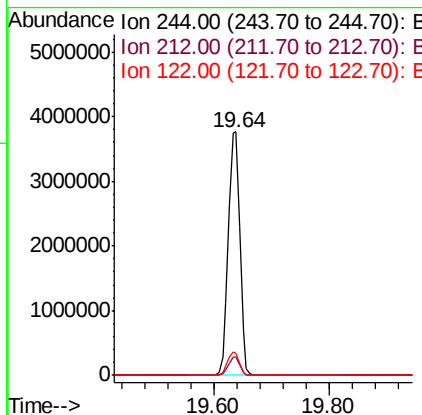
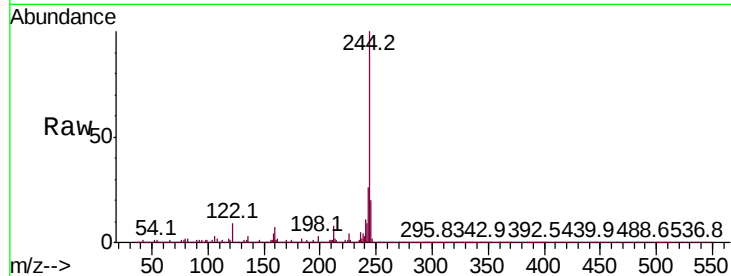


#79
 Terphenyl-d14
 Concen: 70.522 ng
 RT: 19.64 min Scan# 2848
 Delta R.T. 0.00 min
 Lab File: BP003148.D
 Acq: 28 Aug 2020 13:06

Instrument :
 BNA_P
 ClientSampleId :
 PB131230BL

Tot Ion:244 Resp: 5226107

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.8
122	9.0	7.7	11.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.39 min Scan# 3485
 Delta R.T. 0.00 min
 Lab File: BP003148.D
 Acq: 28 Aug 2020 13:06

Tgt Ion:264 Resp: 1777645

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.0	28.6
265	21.7	17.7	26.5

