

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP082120\
 Data File : BP003077.D
 Acq On : 21 Aug 2020 12:28
 Operator : CG/JU
 Sample : PB131124TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB131124TB

Quant Time: Aug 21 13:20:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 14:07:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	354968	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	1399097	20.00	ng	-0.01
39) Acenaphthene-d10	14.32	164	840237	20.00	ng	-0.01
64) Phenanthrene-d10	17.07	188	1820522	20.00	ng	-0.01
76) Chrysene-d12	21.16	240	1805978	20.00	ng	-0.01
86) Perylene-d12	23.41	264	1811130	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	2361449	101.82	ng	0.00
7) Phenol-d6	6.86	99	2770751	86.05	ng	0.00
23) Nitrobenzene-d5	8.83	82	1646850	63.75	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	1499866	143.62	ng	0.00
45) 2-Fluorobiphenyl	12.94	172	4752605	77.28	ng	-0.01
79) Terphenyl-d14	19.65	244	6879859	76.26	ng	0.00

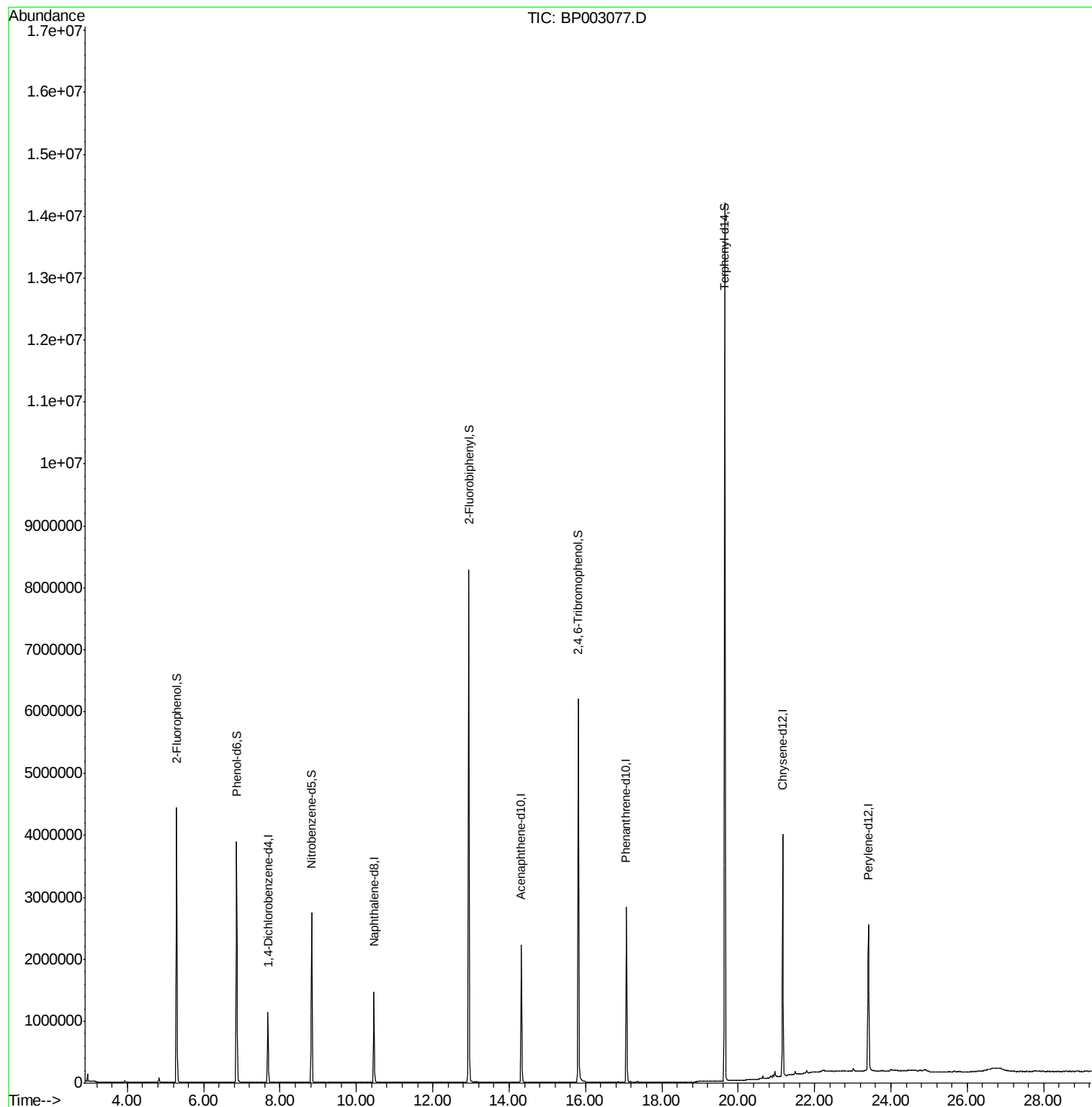
Target Compounds Qvalue

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

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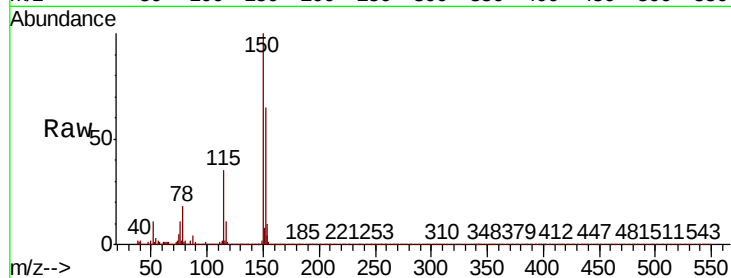


#1

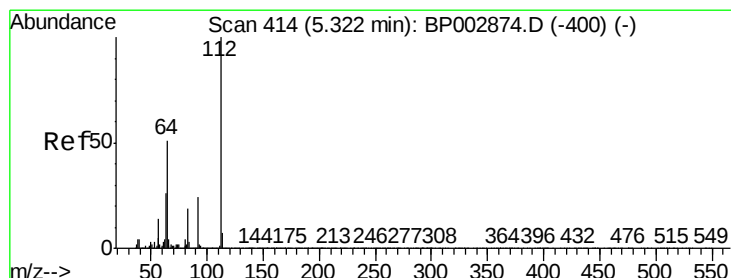
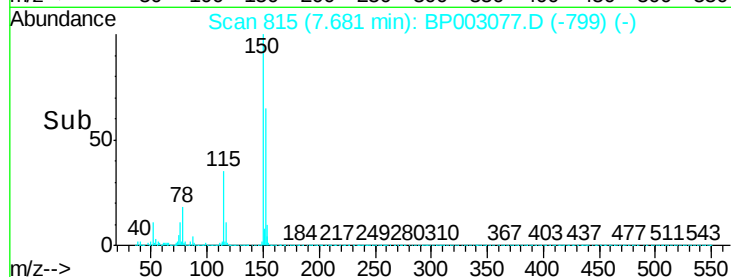
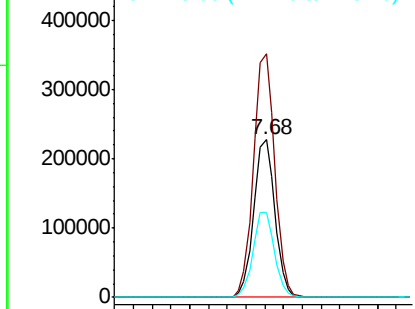
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.68 min Scan# 815
Delta R.T. -0.01 min
Lab File: BP003077.D
Acq: 21 Aug 2020 12:28

Instrument :
BNA_P
ClientSampleId :
PB131124TB

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	126.1	189.1
115	54.3	43.4	65.2



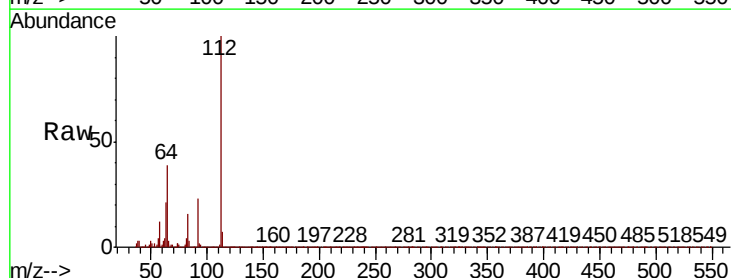
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



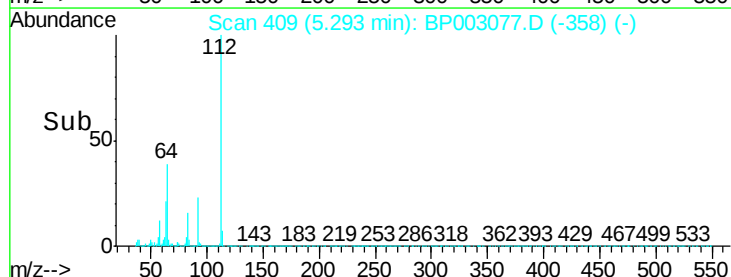
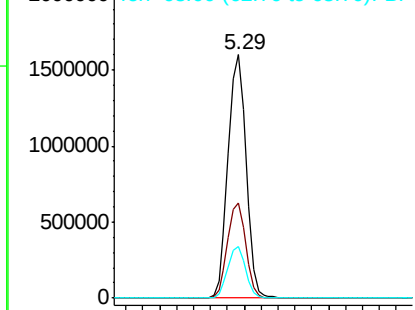
#5

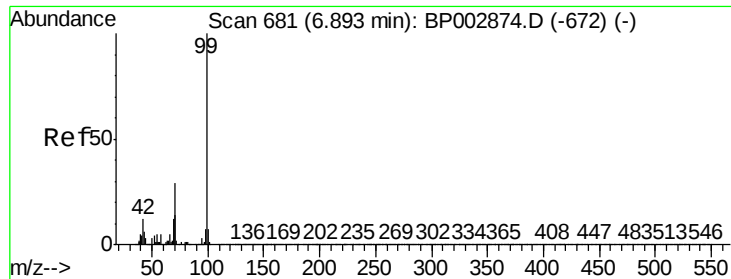
2-Fluorophenol
Concen: 101.817 ng
RT: 5.29 min Scan# 409
Delta R.T. 0.00 min
Lab File: BP003077.D
Acq: 21 Aug 2020 12:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	39.2	33.4	50.2
63	21.0	17.4	26.0



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: 86.047 ng

RT: 6.86 min Scan# 676

Delta R.T. -0.01 min

Lab File: BP003077.D

Acq: 21 Aug 2020 12:28

Instrument :

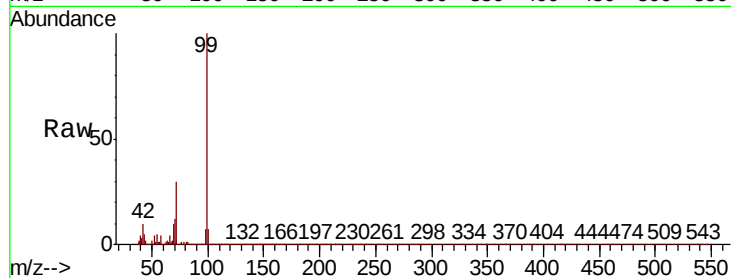
BNA_P

ClientSampleId :

PB131124TB

Tot Ion: 99 Resp: 2770751

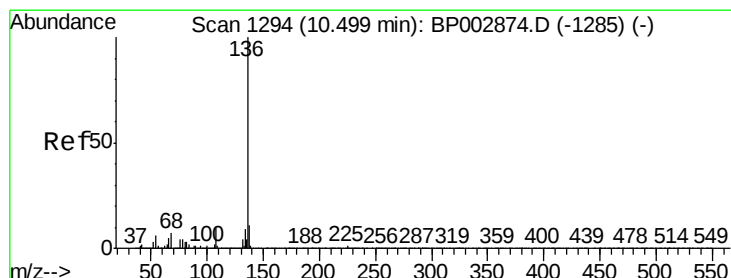
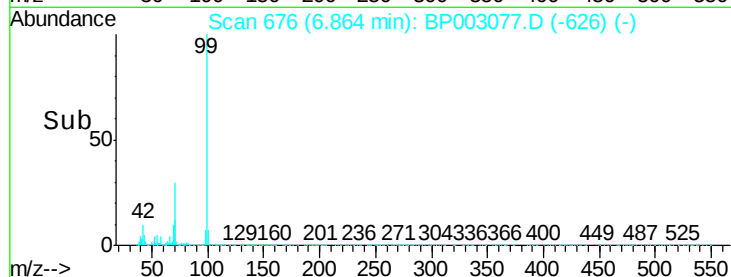
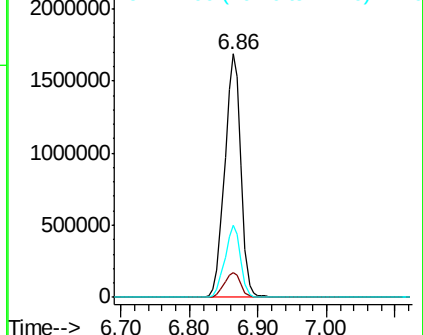
Ion	Ratio	Lower	Upper
99	100		
42	10.4	8.0	12.0
71	29.6	21.3	31.9



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: 10.46 min Scan# 1287

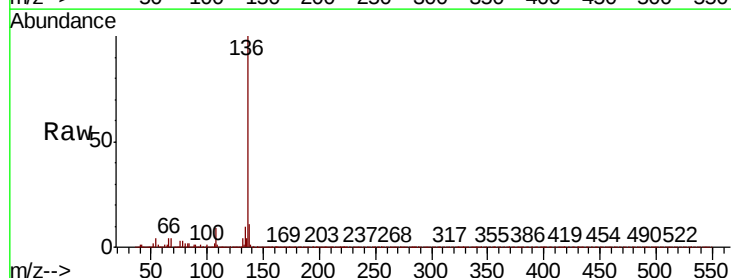
Delta R.T. -0.01 min

Lab File: BP003077.D

Acq: 21 Aug 2020 12:28

Tgt Ion: 136 Resp: 1399097

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	4.4	3.8	5.8
68	4.2	3.8	5.8

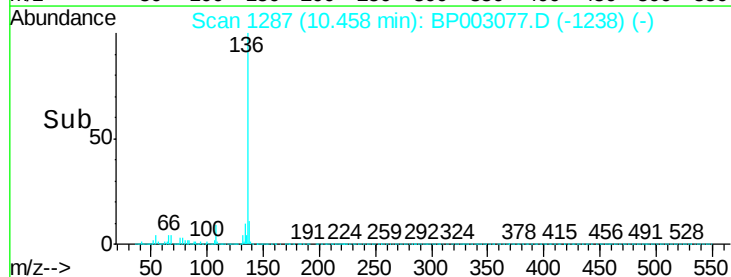
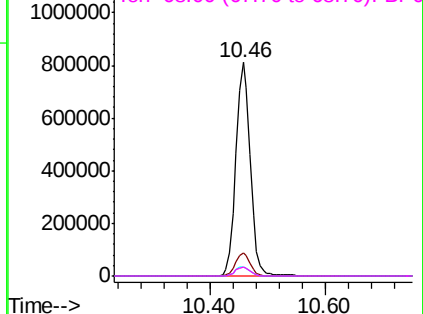


Abundance Ion 136.00 (135.70 to 136.70): E

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



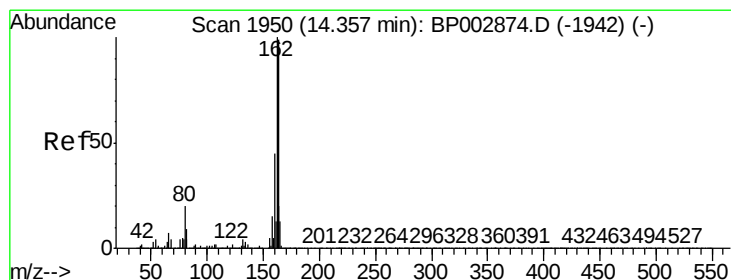
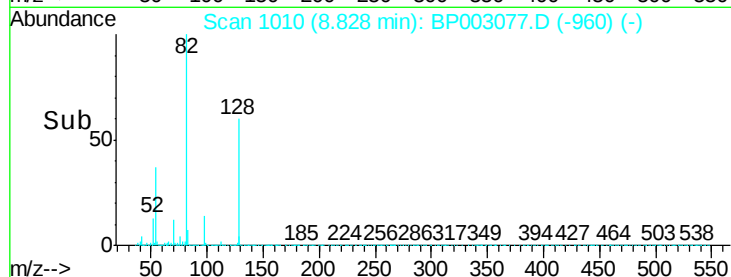
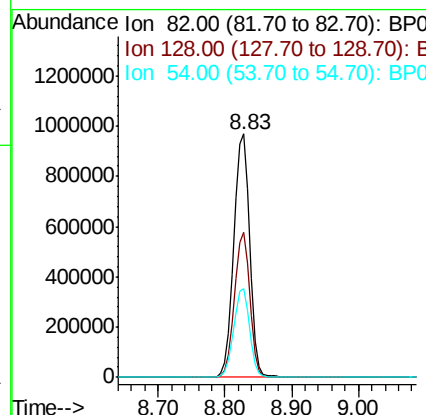
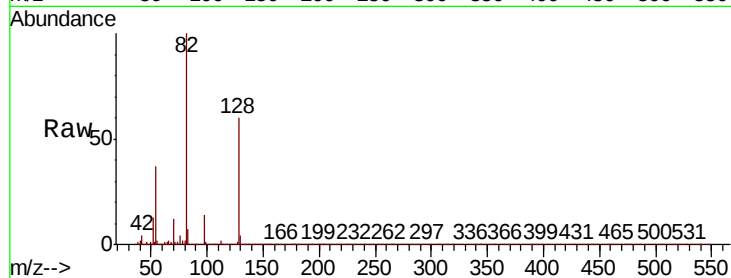


#23
 Nitrobenzene-d5
 Concen: 63.754 ng
 RT: 8.83 min Scan# 1010
 Delta R.T. -0.01 min
 Lab File: BP003077.D
 Acq: 21 Aug 2020 12:28

Instrument :
 BNA_P
 ClientSampleId :
 PB131124TB

Tot Ion: 82 Resp: 1646850

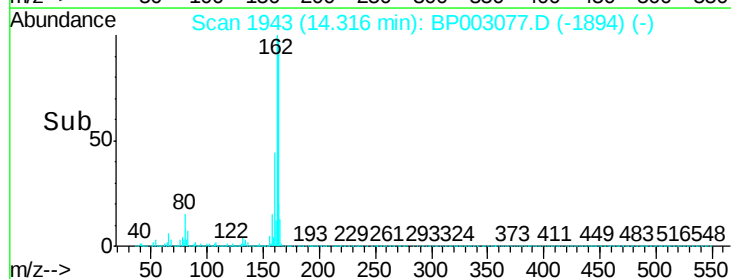
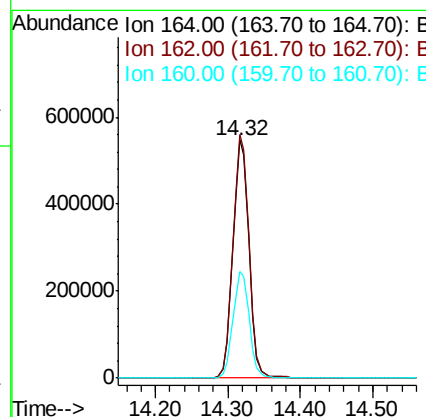
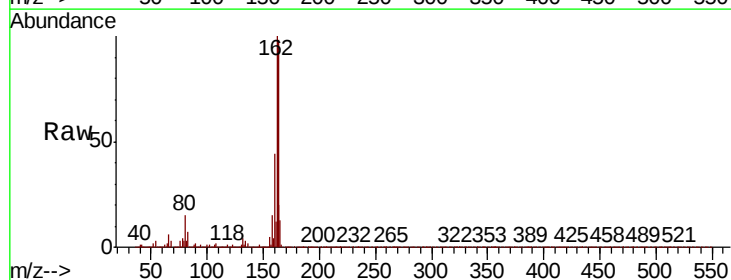
Ion	Ratio	Lower	Upper
82	100		
128	59.8	45.1	67.7
54	36.6	28.8	43.2

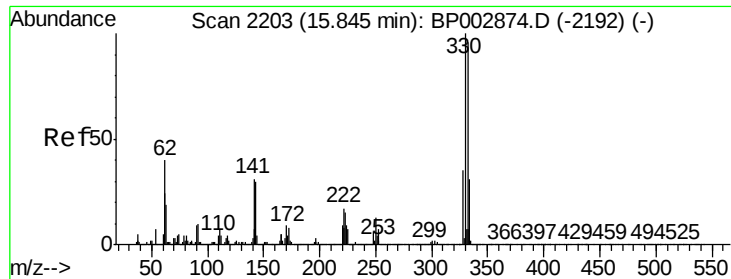


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.32 min Scan# 1943
 Delta R.T. -0.01 min
 Lab File: BP003077.D
 Acq: 21 Aug 2020 12:28

Tgt Ion: 164 Resp: 840237

Ion	Ratio	Lower	Upper
164	100		
162	102.1	81.4	122.0
160	45.0	35.5	53.3

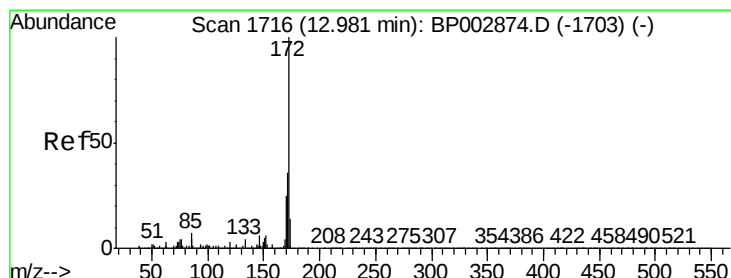
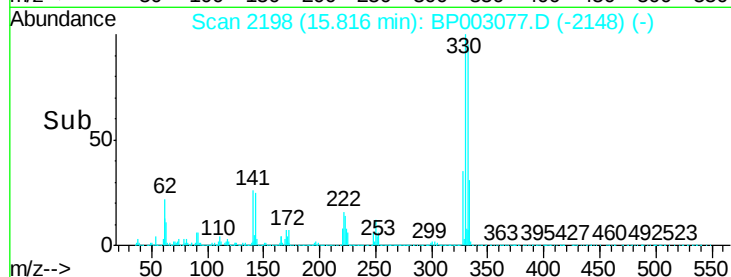
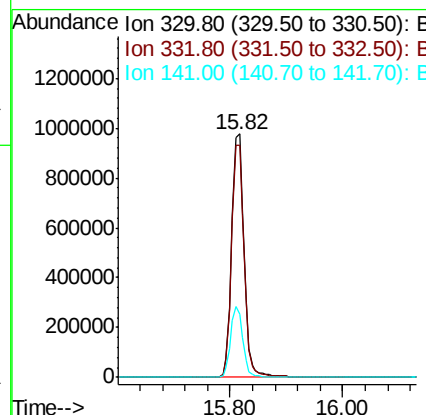
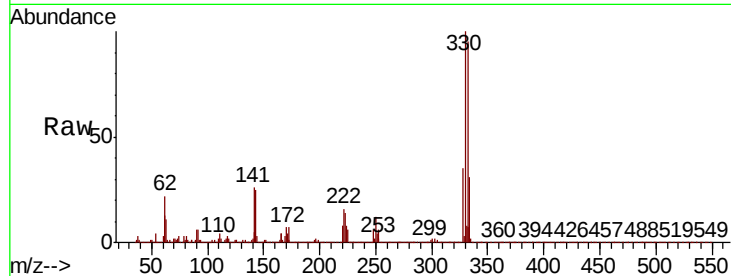




#42
2,4,6-Tribromophenol
Concen: 143.622 ng
RT: 15.82 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BP003077.D
Acq: 21 Aug 2020 12:28

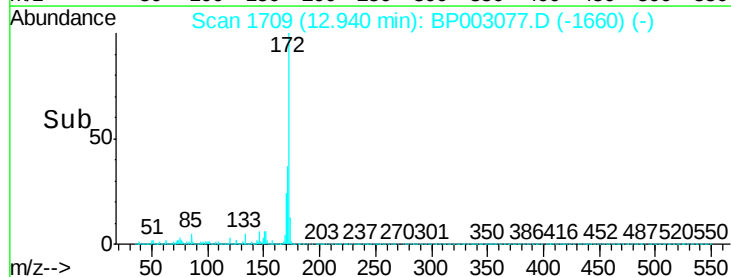
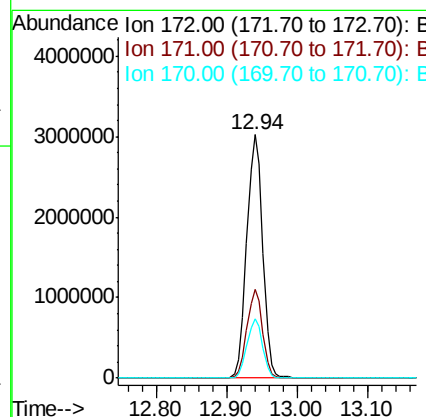
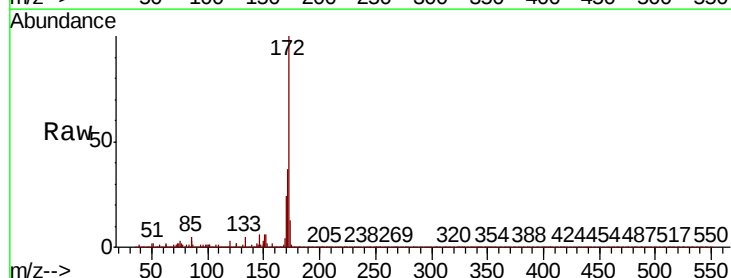
Instrument :
BNA_P
ClientSampleId :
PB131124TB

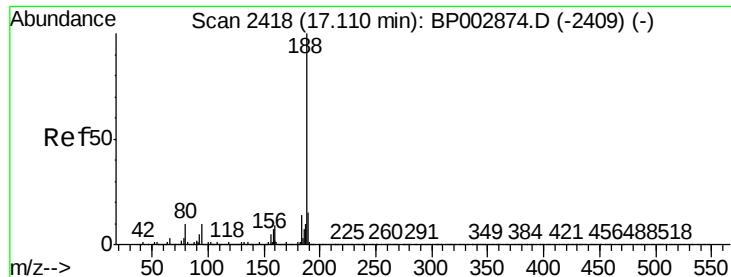
Tot Ion:330 Resp: 1499866
Ion Ratio Lower Upper
330 100
332 96.4 77.0 115.6
141 29.1 26.7 40.1



#45
2-Fluorobiphenyl
Concen: 77.281 ng
RT: 12.94 min Scan# 1709
Delta R.T. -0.01 min
Lab File: BP003077.D
Acq: 21 Aug 2020 12:28

Tgt Ion:172 Resp: 4752605
Ion Ratio Lower Upper
172 100
171 36.6 29.0 43.4
170 24.2 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.07 min Scan# 2411

Delta R.T. -0.01 min

Lab File: BP003077.D

Acq: 21 Aug 2020 12:28

Instrument :

BNA_P

ClientSampleId :

PB131124TB

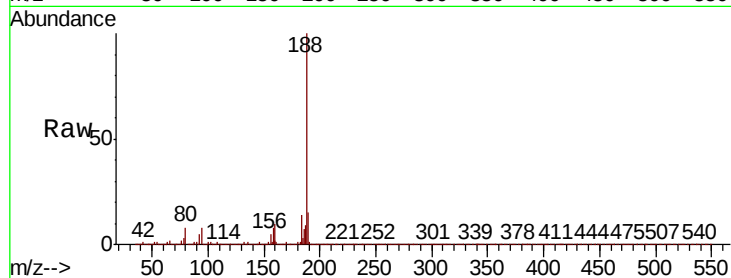
Tot Ion:188 Resp: 1820522

Ion Ratio Lower Upper

188 100

94 8.1 7.1 10.7

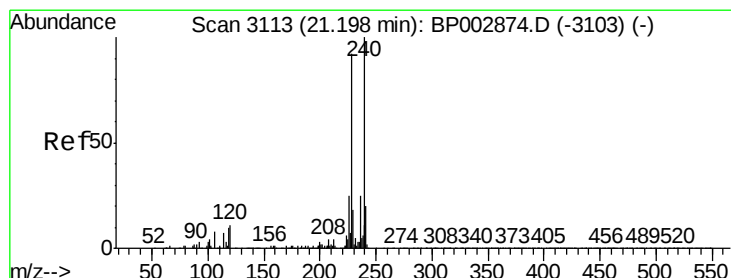
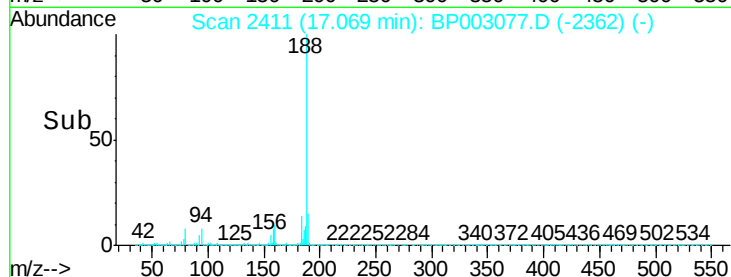
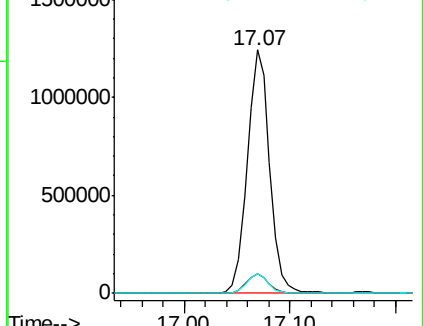
80 7.9 6.7 10.1



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: 21.16 min Scan# 3107

Delta R.T. -0.01 min

Lab File: BP003077.D

Acq: 21 Aug 2020 12:28

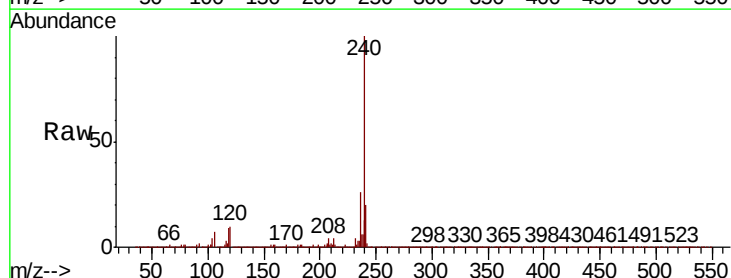
Tgt Ion:240 Resp: 1805978

Ion Ratio Lower Upper

240 100

120 10.4 9.5 14.3

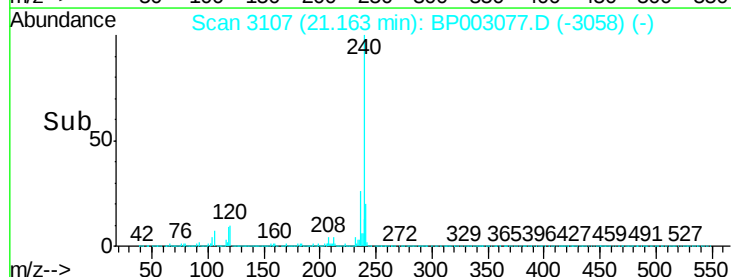
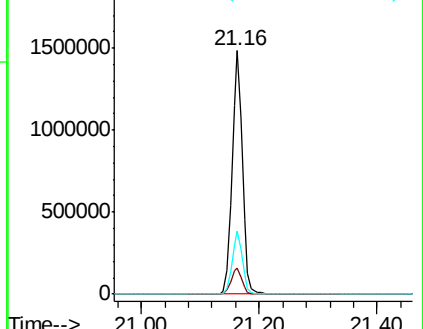
236 25.9 20.8 31.2

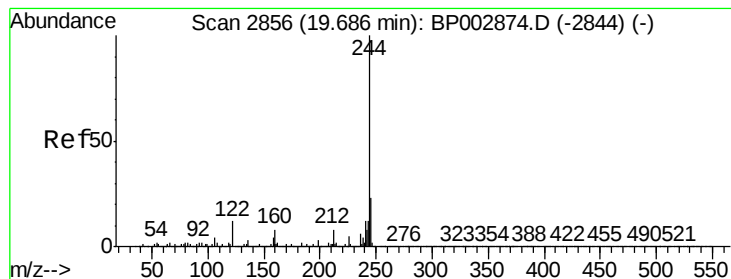


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 76.264 ng

RT: 19.65 min Scan# 2850

Delta R.T. -0.01 min

Lab File: BP003077.D

Acq: 21 Aug 2020 12:28

Instrument :

BNA_P

ClientSampleId :

PB131124TB

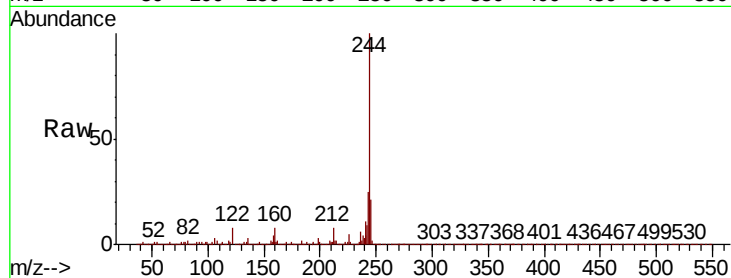
Tot Ion:244 Resp: 6879859

Ion Ratio Lower Upper

244 100

212 8.1 6.3 9.5

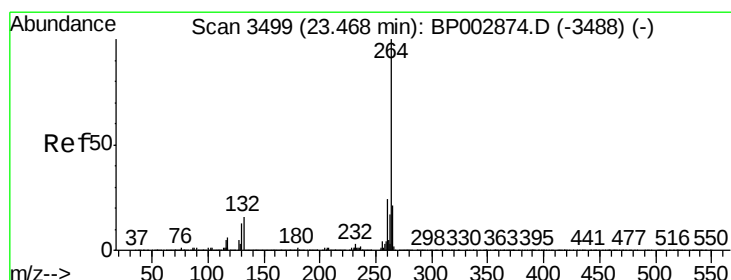
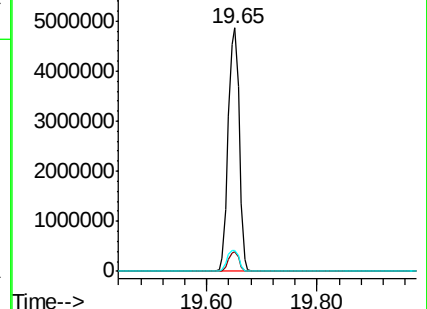
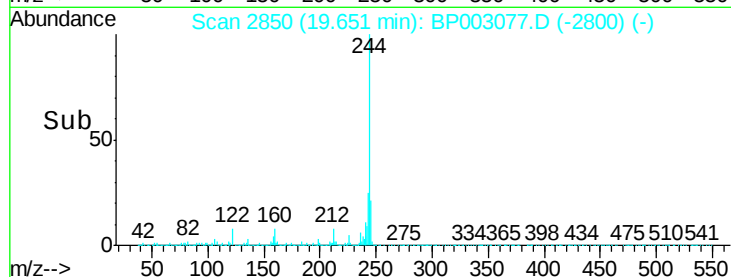
122 8.4 8.7 13.1#



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.41 min Scan# 3489

Delta R.T. -0.01 min

Lab File: BP003077.D

Acq: 21 Aug 2020 12:28

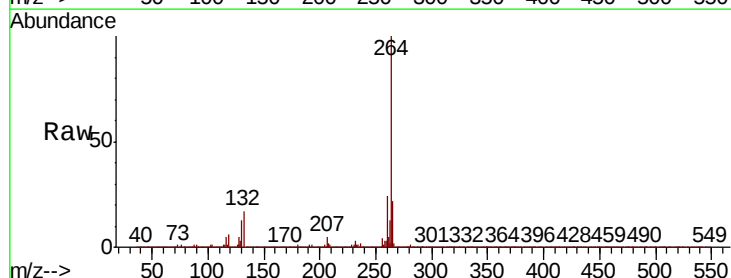
Tgt Ion:264 Resp: 1811130

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 21.9 17.3 25.9



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

