

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081120\
 Data File : BP002943.D
 Acq On : 11 Aug 2020 17:53
 Operator : CG/JU
 Sample : PB130895TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB130895TB

Quant Time: Aug 11 18:59:33 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 11 17:14:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	564359	20.00	ng	0.00
21) Naphthalene-d8	10.48	136	2201915	20.00	ng	0.00
39) Acenaphthene-d10	14.34	164	1235691	20.00	ng	0.00
64) Phenanthrene-d10	17.09	188	2302938	20.00	ng	0.00
76) Chrysene-d12	21.18	240	1617071	20.00	ng	0.00
86) Perylene-d12	23.43	264	1443740	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	3753030	101.78	ng	0.00
7) Phenol-d6	6.88	99	4430667	86.54	ng	0.00
23) Nitrobenzene-d5	8.85	82	2534373	62.34	ng	0.00
42) 2,4,6-Tribromophenol	15.83	330	1433412	93.33	ng	0.00
45) 2-Fluorobiphenyl	12.96	172	6646139	73.49	ng	0.00
79) Terphenyl-d14	19.67	244	6635244	82.15	ng	0.00

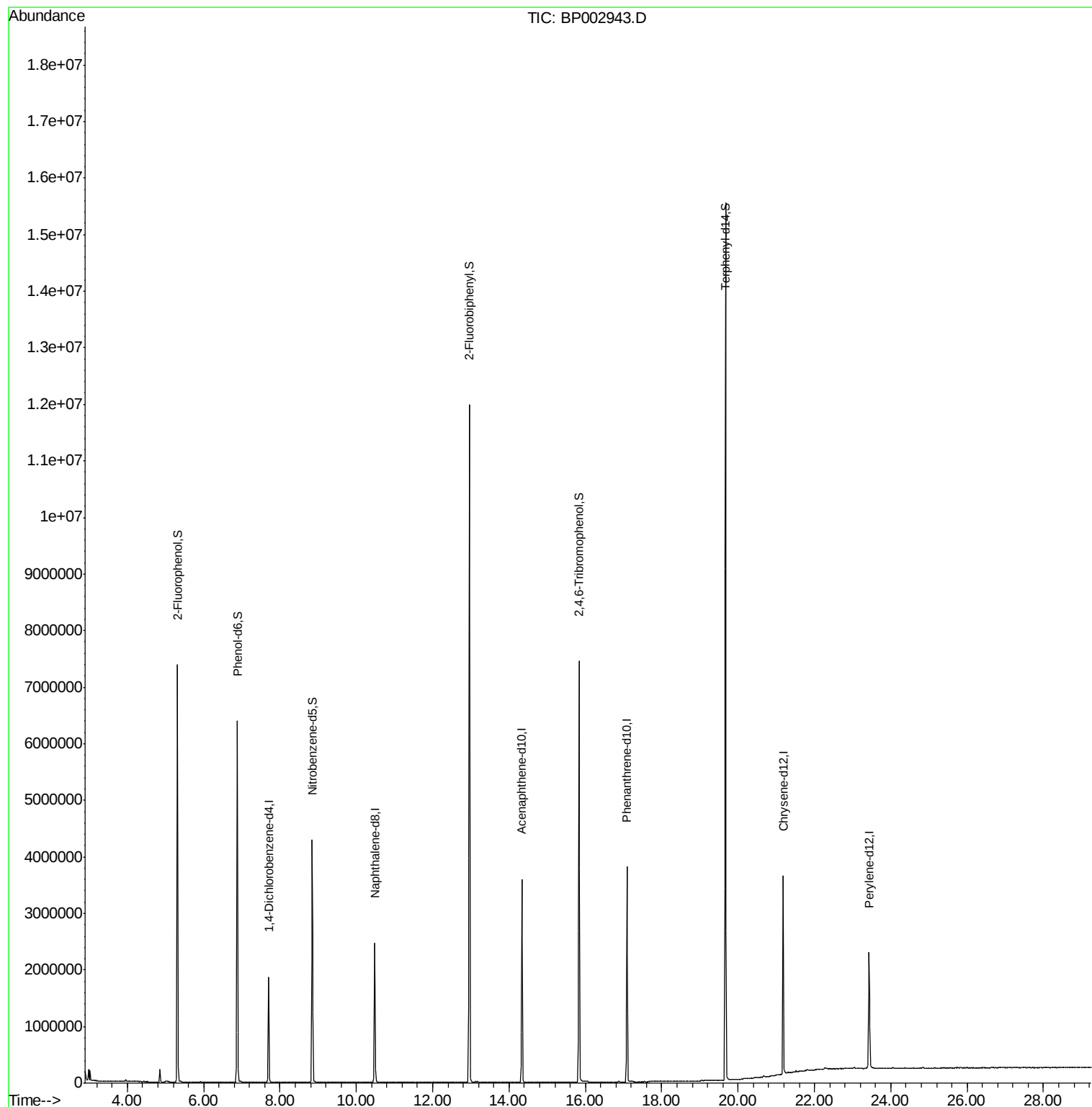
Target Compounds Qvalue

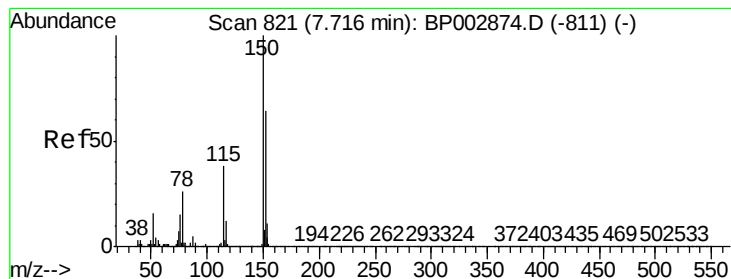
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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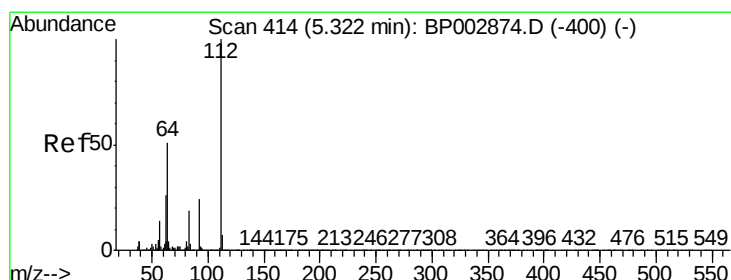
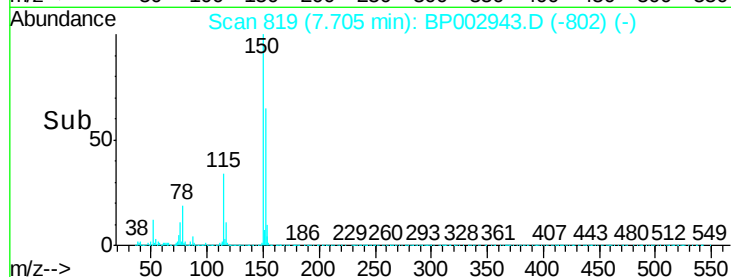
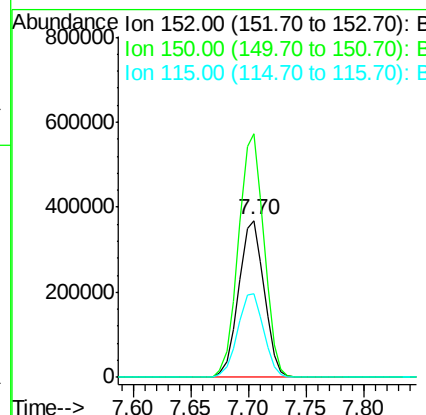
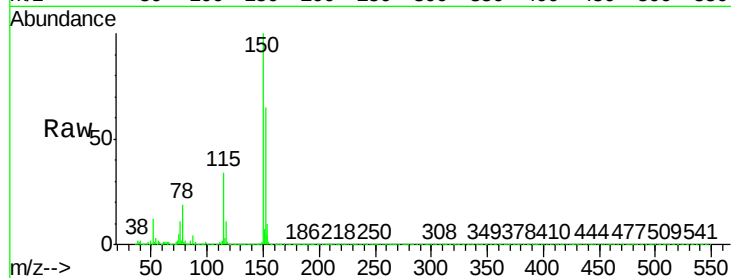


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.70 min Scan# 819
Delta R.T. -0.00 min
Lab File: BP002943.D
Acq: 11 Aug 2020 17:53

Instrument :
BNA_P
ClientSampleId :
PB130895TB

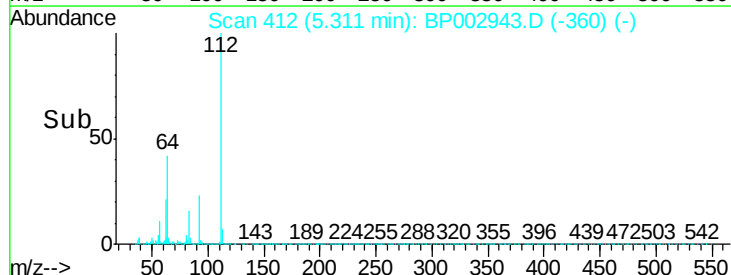
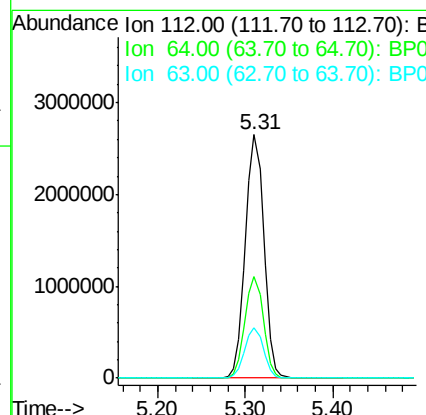
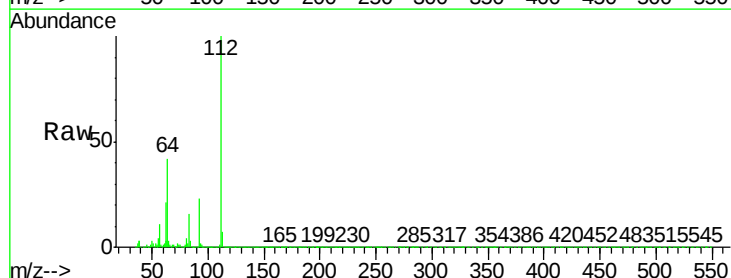
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	124.2	186.4
115	53.1	42.1	63.1

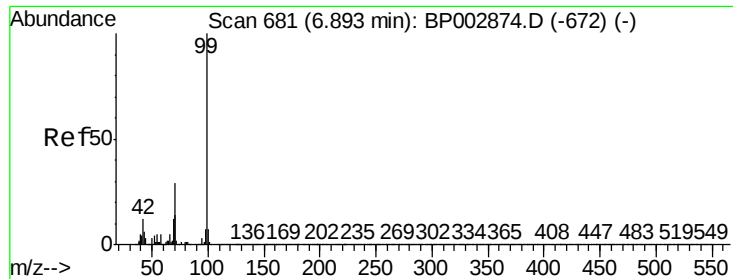


#5

2-Fluorophenol
Concen: 101.779 ng
RT: 5.31 min Scan# 412
Delta R.T. 0.01 min
Lab File: BP002943.D
Acq: 11 Aug 2020 17:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	41.6	33.8	50.8
63	20.8	17.2	25.8





#7

Phenol-d6

Concen: 86.545 ng

RT: 6.88 min Scan# 679

Delta R.T. -0.00 min

Lab File: BP002943.D

Acq: 11 Aug 2020 17:53

Instrument :

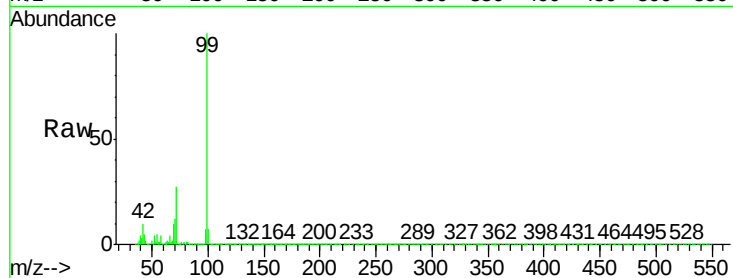
BNA_P

ClientSampleId :

PB130895TB

Tot Ion: 99 Resp: 4430667

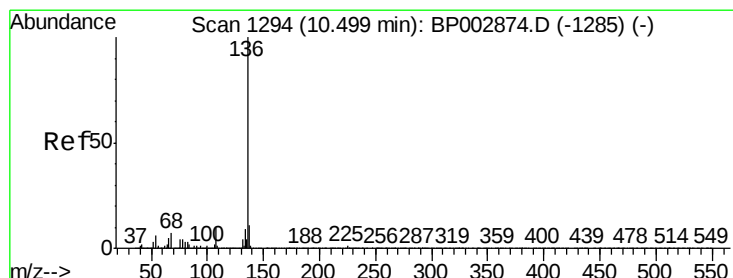
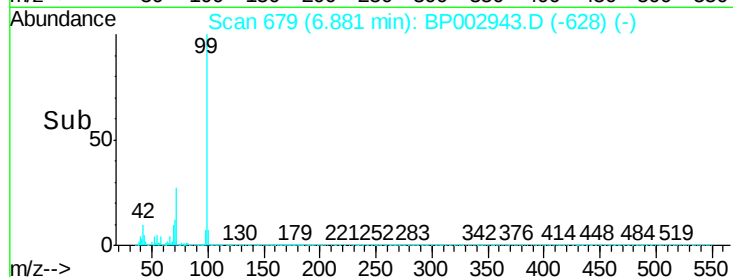
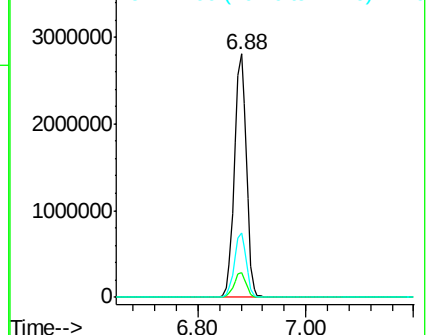
Ion	Ratio	Lower	Upper
99	100		
42	10.1	8.1	12.1
71	26.5	21.0	31.4



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: 10.48 min Scan# 1291

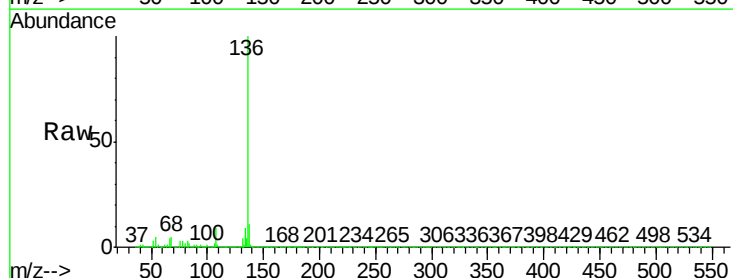
Delta R.T. -0.00 min

Lab File: BP002943.D

Acq: 11 Aug 2020 17:53

Tgt Ion: 136 Resp: 2201915

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	4.9	3.9	5.9
68	4.9	3.8	5.8

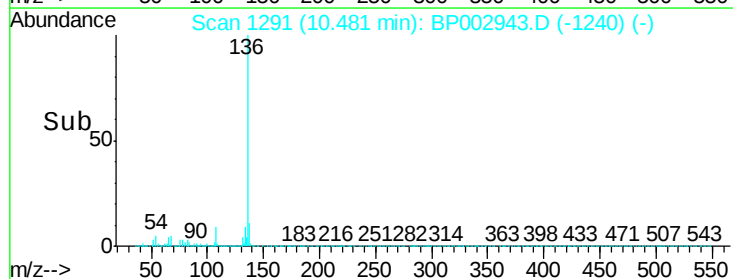
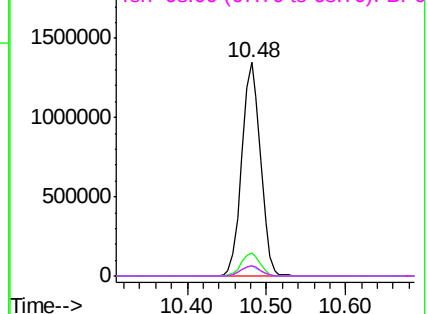


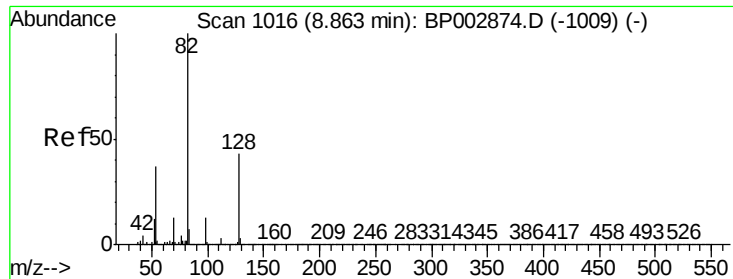
Abundance Ion 136.00 (135.70 to 136.70): E

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

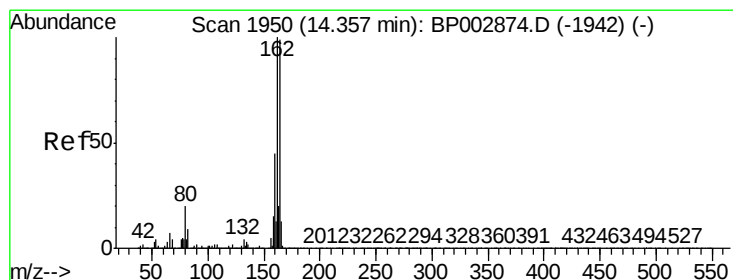
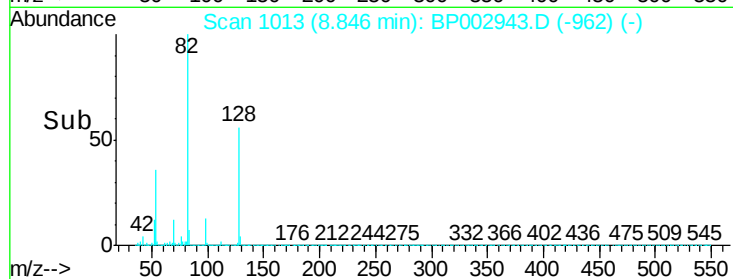
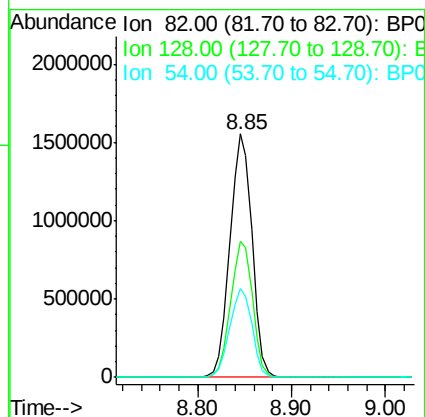
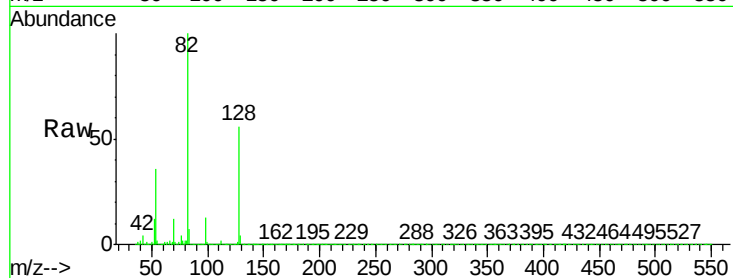




#23
 Nitrobenzene-d5
 Concen: 62.340 ng
 RT: 8.85 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: BP002943.D
 Acq: 11 Aug 2020 17:53

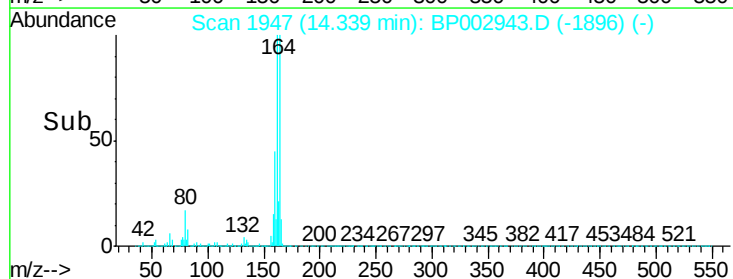
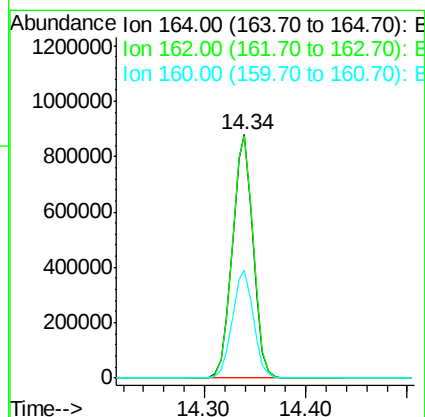
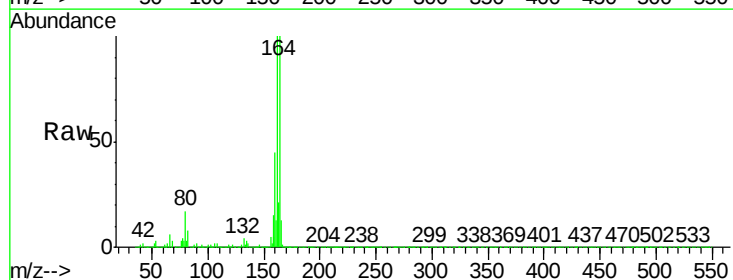
Instrument :
 BNA_P
 ClientSampleId :
 PB130895TB

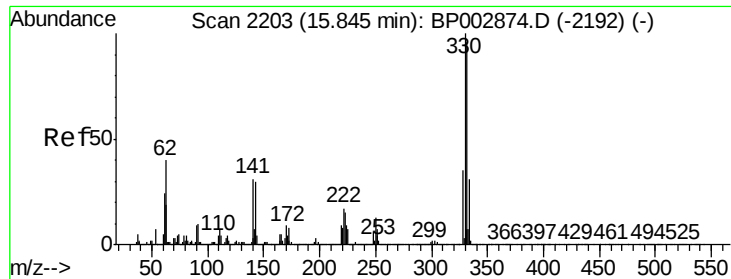
Tot Ion: 82 Resp: 2534373
 Ion Ratio Lower Upper
 82 100
 128 56.0 44.6 66.8
 54 36.2 29.2 43.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.34 min Scan# 1947
 Delta R.T. -0.00 min
 Lab File: BP002943.D
 Acq: 11 Aug 2020 17:53

Tgt Ion:164 Resp: 1235691
 Ion Ratio Lower Upper
 164 100
 162 99.5 81.0 121.4
 160 44.5 36.2 54.4

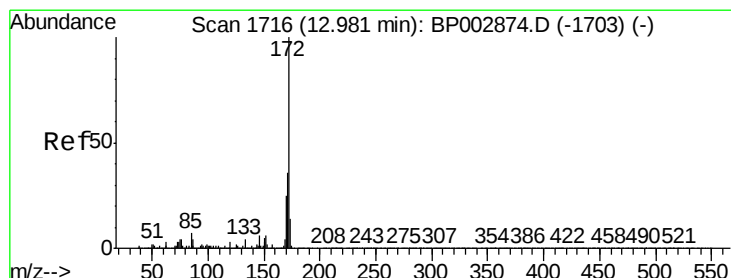
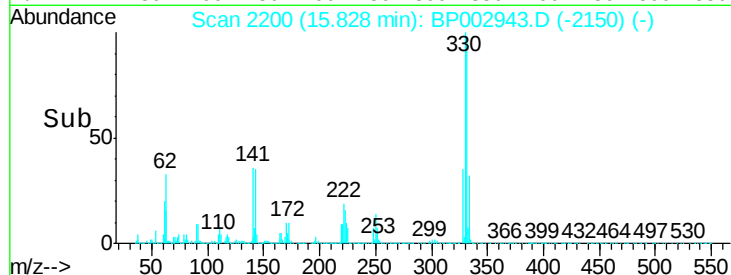
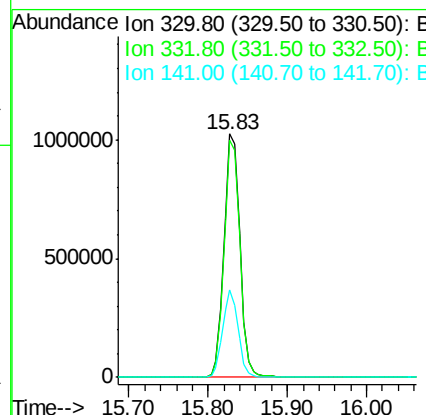
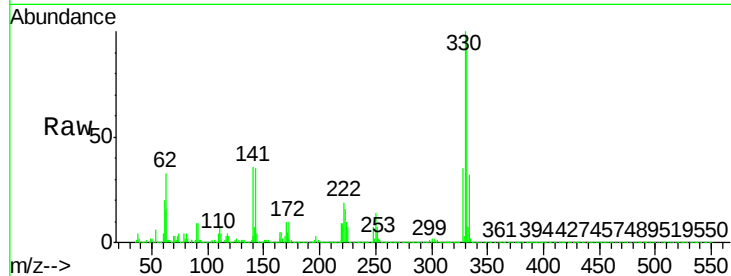




#42
 2,4,6-Tribromophenol
 Concen: 93.332 ng
 RT: 15.83 min Scan# 2200
 Delta R.T. -0.01 min
 Lab File: BP002943.D
 Acq: 11 Aug 2020 17:53

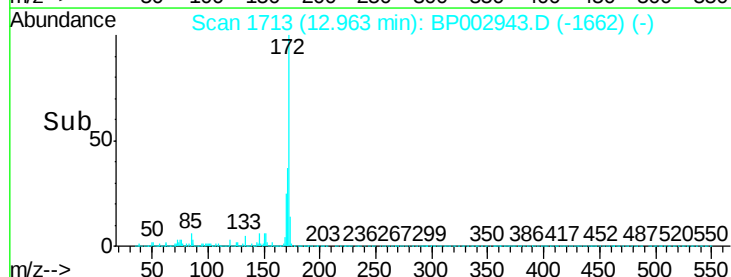
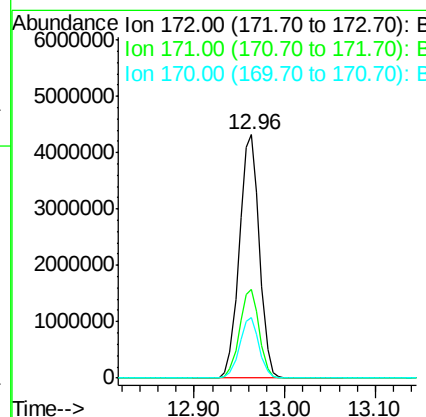
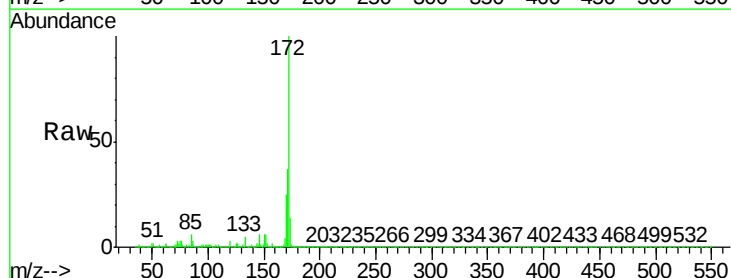
Instrument :
 BNA_P
 ClientSampleId :
 PB130895TB

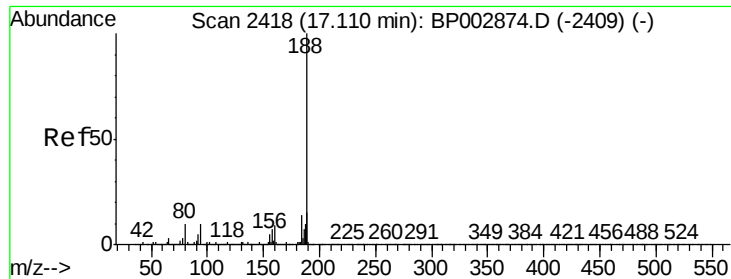
Tot Ion:330 Resp: 1433412
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.0 115.4
 141 34.7 28.6 43.0



#45
 2-Fluorobiphenyl
 Concen: 73.486 ng
 RT: 12.96 min Scan# 1713
 Delta R.T. -0.00 min
 Lab File: BP002943.D
 Acq: 11 Aug 2020 17:53

Tgt Ion:172 Resp: 6646139
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.6 44.4
 170 24.7 19.6 29.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.09 min Scan# 2414

Delta R.T. -0.01 min

Lab File: BP002943.D

Acq: 11 Aug 2020 17:53

Instrument :

BNA_P

ClientSampleId :

PB130895TB

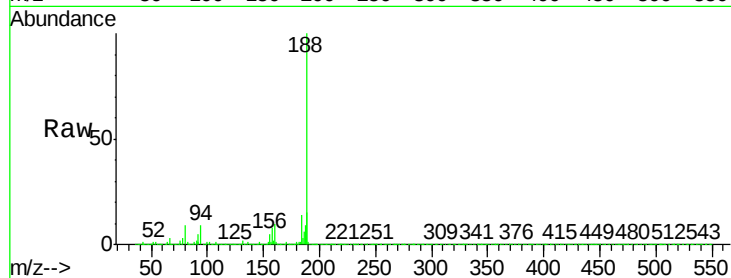
Tot Ion:188 Resp: 2302938

Ion Ratio Lower Upper

188 100

94 9.2 7.0 10.6

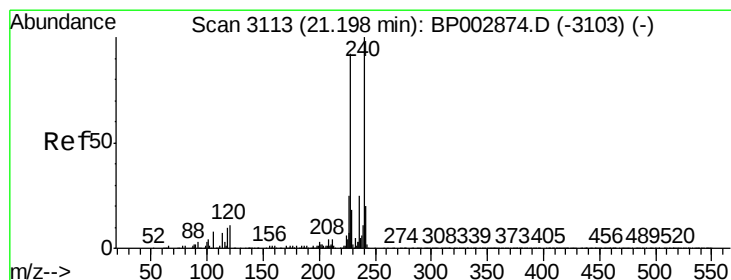
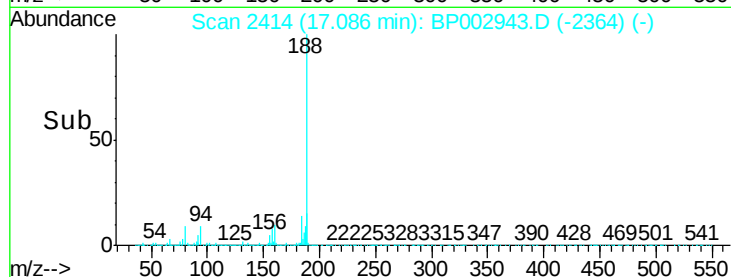
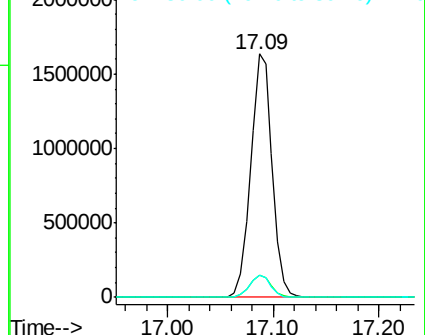
80 9.3 7.0 10.6



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: 21.18 min Scan# 3110

Delta R.T. -0.00 min

Lab File: BP002943.D

Acq: 11 Aug 2020 17:53

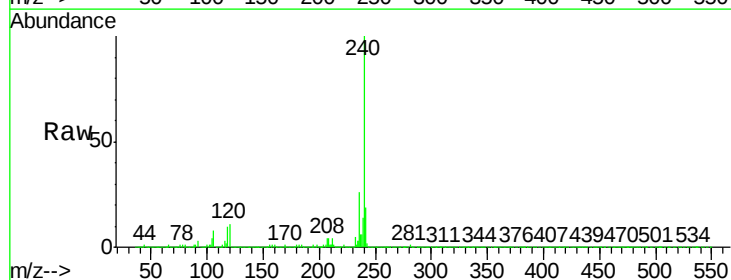
Tgt Ion:240 Resp: 1617071

Ion Ratio Lower Upper

240 100

120 11.5 10.6 16.0

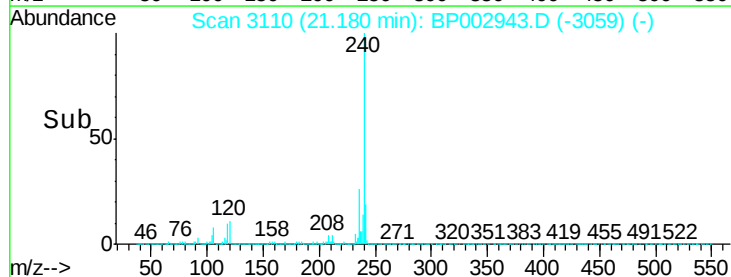
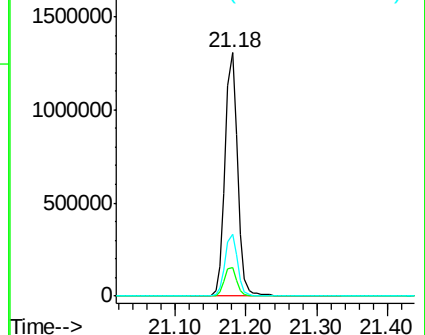
236 25.6 20.7 31.1

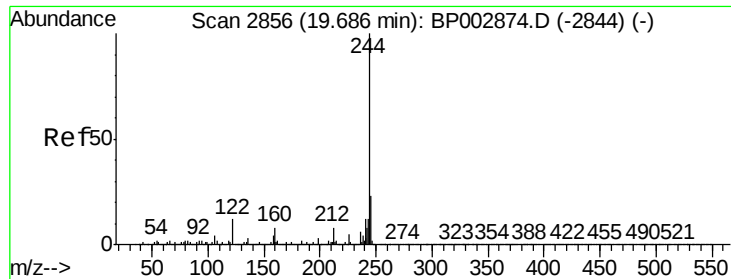


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 82.145 ng

RT: 19.67 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BP002943.D

Acq: 11 Aug 2020 17:53

Instrument :

BNA_P

ClientSampleId :

PB130895TB

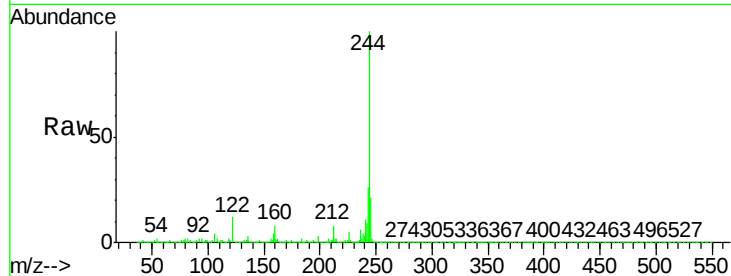
Tot Ion:244 Resp: 6635244

Ion Ratio Lower Upper

244 100

212 7.8 6.3 9.5

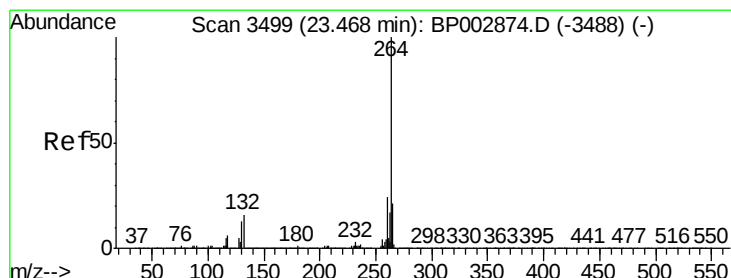
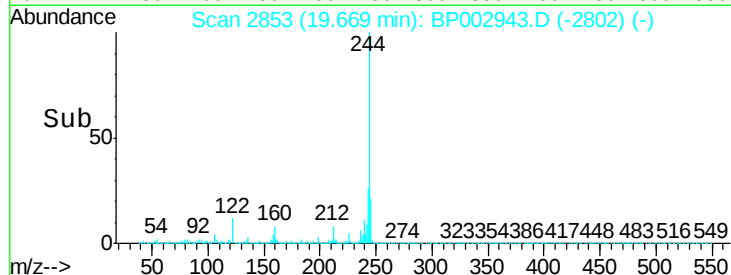
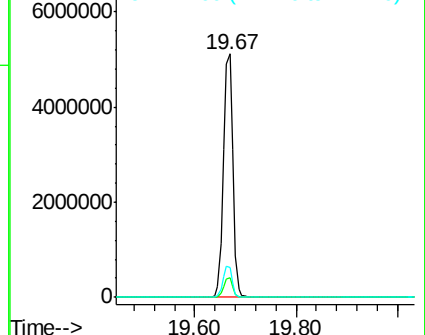
122 12.1 9.9 14.9



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: 23.43 min Scan# 3493

Delta R.T. -0.00 min

Lab File: BP002943.D

Acq: 11 Aug 2020 17:53

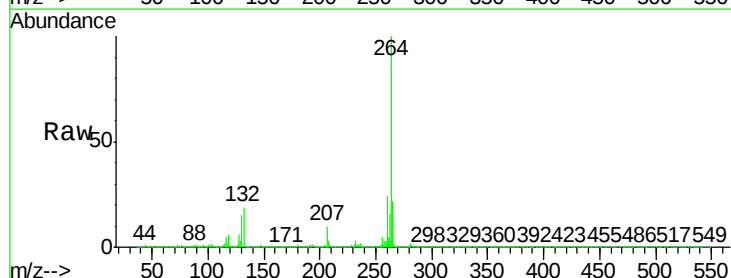
Tgt Ion:264 Resp: 1443740

Ion Ratio Lower Upper

264 100

260 23.7 18.7 28.1

265 21.5 17.6 26.4



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

