

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081120\
 Data File : BP002941.D
 Acq On : 11 Aug 2020 16:44
 Operator : CG/JU
 Sample : PB130895BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB130895BL

Quant Time: Aug 11 17:51:56 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	529270	20.00	ng	0.00
21) Naphthalene-d8	10.48	136	2053062	20.00	ng	0.00
39) Acenaphthene-d10	14.34	164	1157194	20.00	ng	0.00
64) Phenanthrene-d10	17.09	188	2199343	20.00	ng	0.00
76) Chrysene-d12	21.18	240	1586760	20.00	ng	0.00
86) Perylene-d12	23.44	264	1468633	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	3702842	107.08	ng	0.00
7) Phenol-d6	6.88	99	4305910	89.68	ng	0.00
23) Nitrobenzene-d5	8.85	82	2479455	65.41	ng	0.00
42) 2,4,6-Tribromophenol	15.83	330	1424286	99.03	ng	0.00
45) 2-Fluorobiphenyl	12.96	172	6460201	76.28	ng	0.00
79) Terphenyl-d14	19.67	244	6651025	83.91	ng	0.00

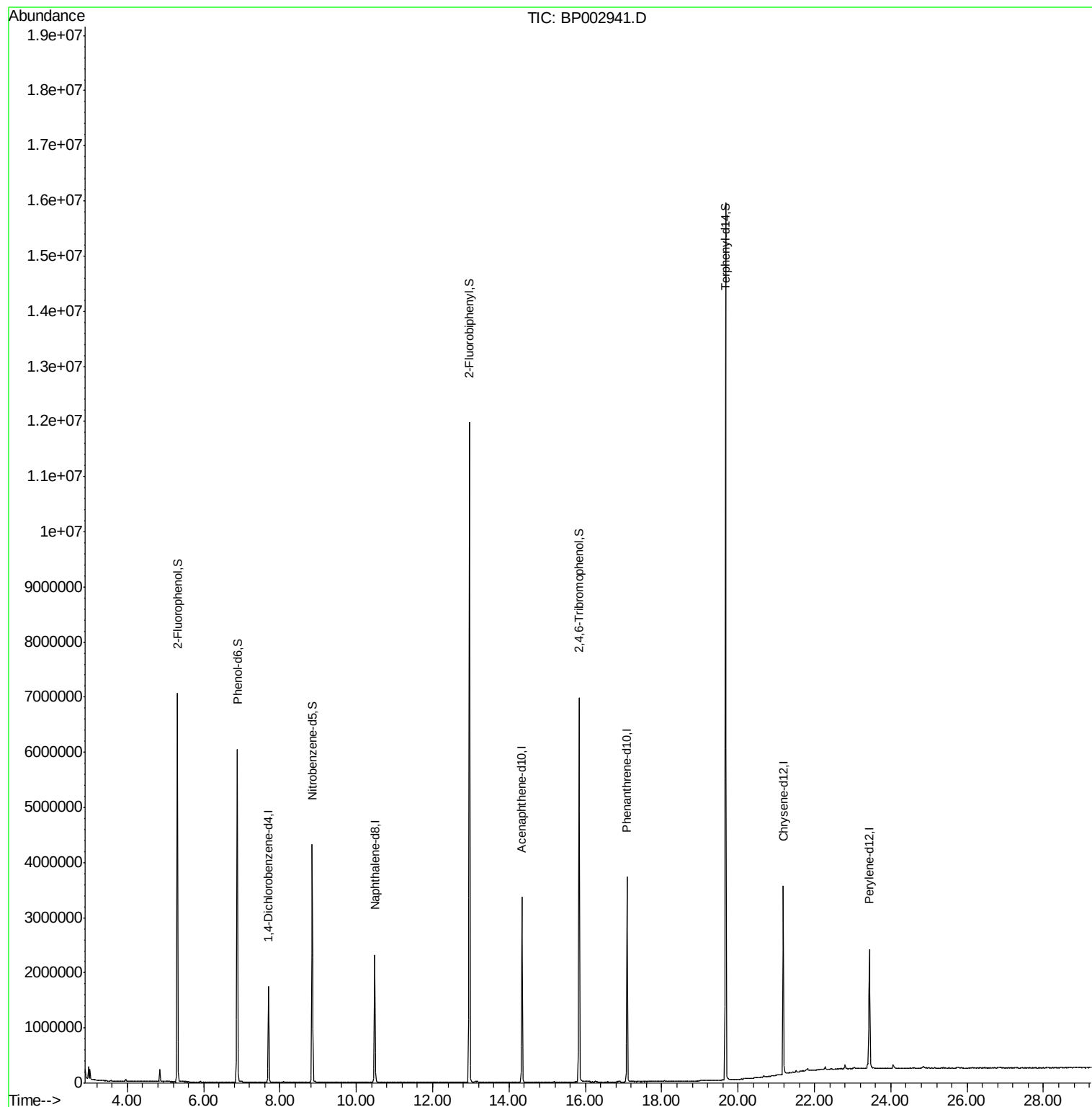
Target Compounds Qvalue

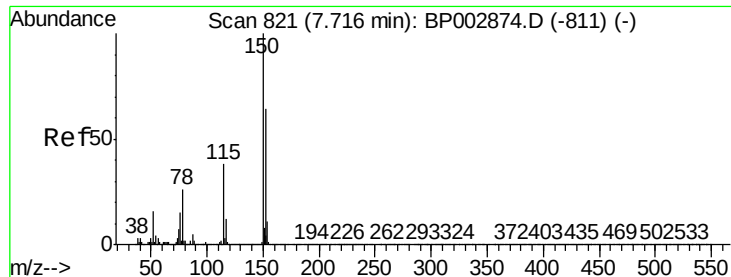
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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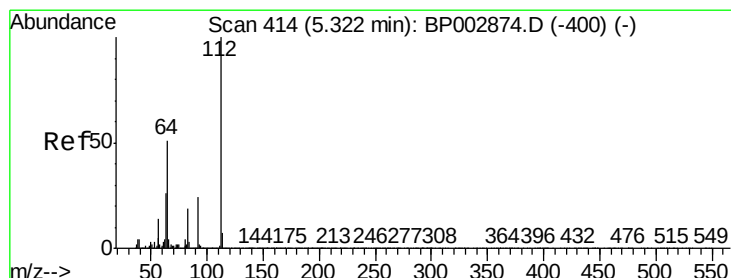
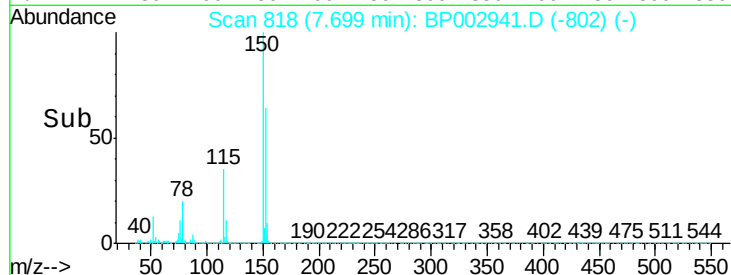
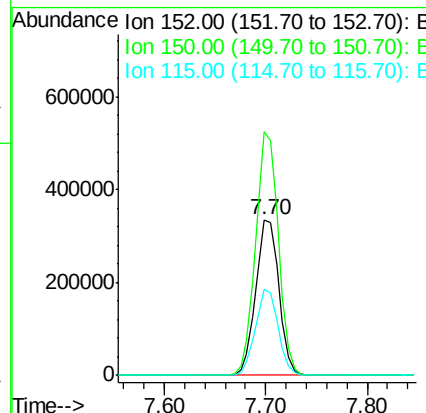
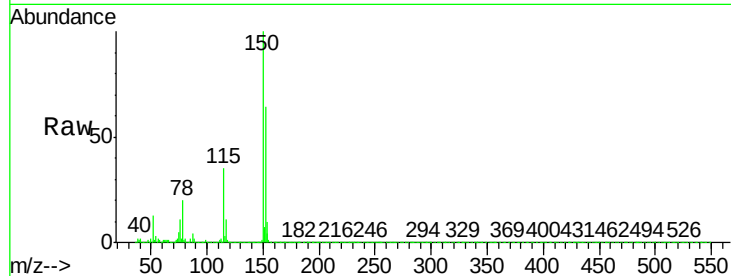


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.70 min Scan# 818
Delta R.T. -0.01 min
Lab File: BP002941.D
Acq: 11 Aug 2020 16:44

Instrument :
BNA_P
ClientSampleId :
PB130895BL

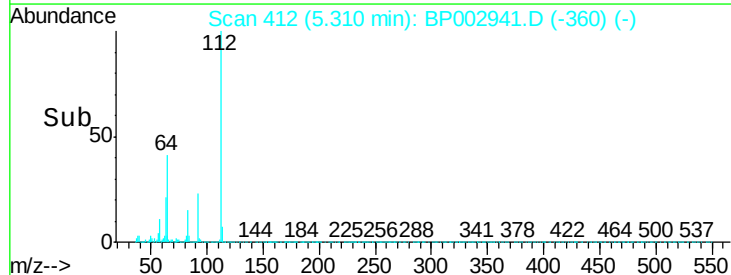
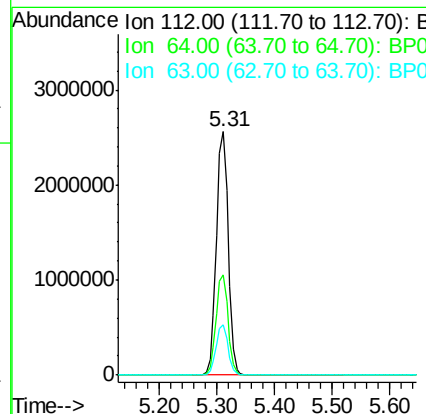
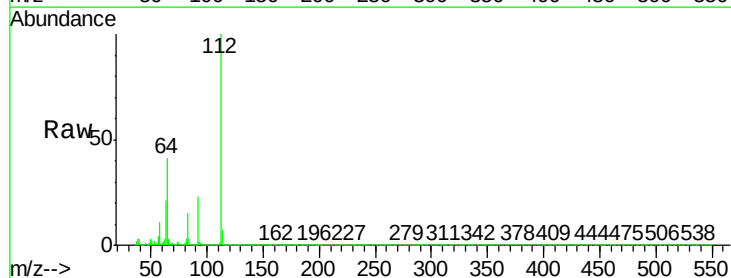
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	124.2	186.4
115	55.2	42.1	63.1

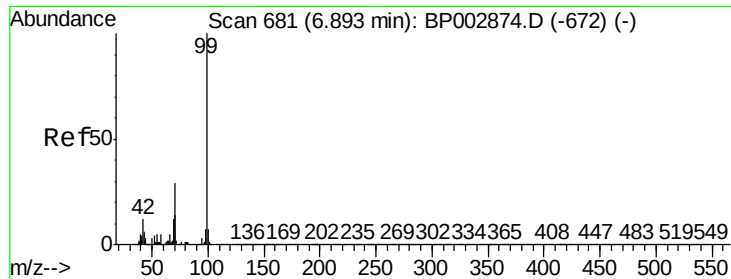


#5

2-Fluorophenol
Concen: 107.076 ng
RT: 5.31 min Scan# 412
Delta R.T. 0.01 min
Lab File: BP002941.D
Acq: 11 Aug 2020 16:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	41.0	33.8	50.8
63	20.5	17.2	25.8





#7

Phenol-d6

Concen: 89.684 ng

RT: 6.88 min Scan# 679

Delta R.T. -0.00 min

Lab File: BP002941.D

Acq: 11 Aug 2020 16:44

Instrument :

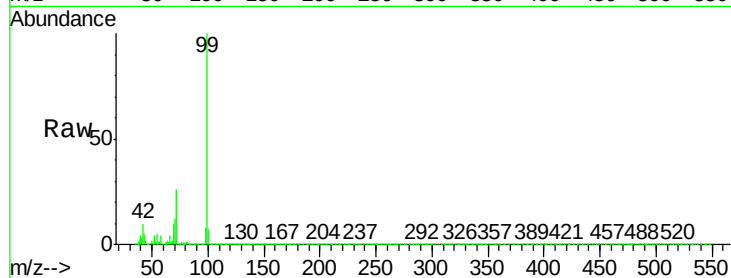
BNA_P

ClientSampleId :

PB130895BL

Tot Ion: 99 Resp: 4305910

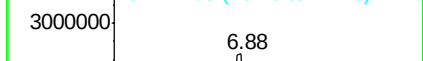
Ion	Ratio	Lower	Upper
99	100		
42	10.0	8.1	12.1
71	26.2	21.0	31.4



Abundance Ion 99.00 (98.70 to 99.70): BP0

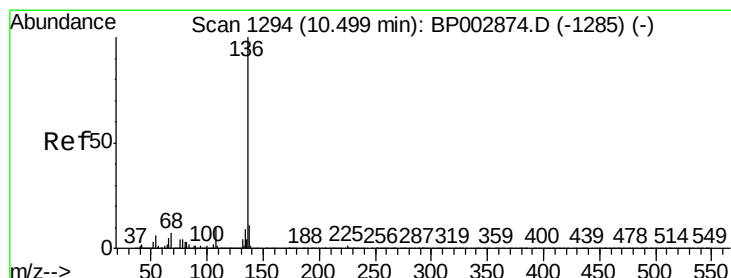
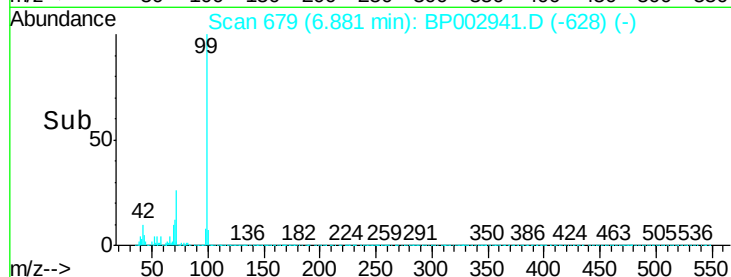
Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



6.88

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.48 min Scan# 1291

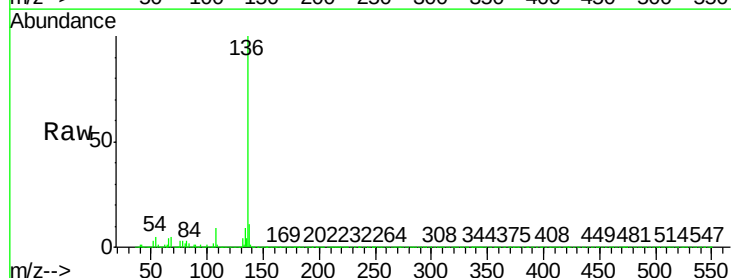
Delta R.T. -0.00 min

Lab File: BP002941.D

Acq: 11 Aug 2020 16:44

Tgt Ion: 136 Resp: 2053062

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	4.9	3.9	5.9
68	4.9	3.8	5.8

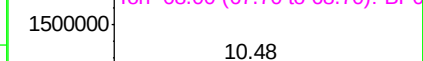


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

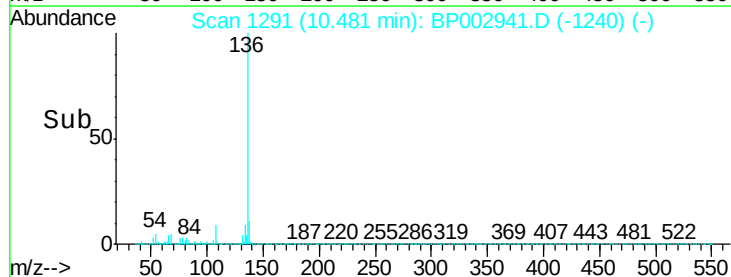
Ion 54.00 (53.70 to 54.70): BP0

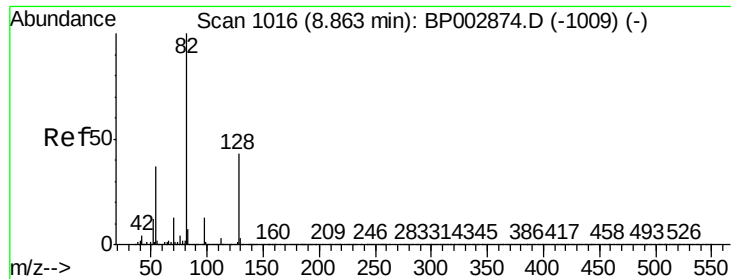
Ion 68.00 (67.70 to 68.70): BP0



10.48

Time-->

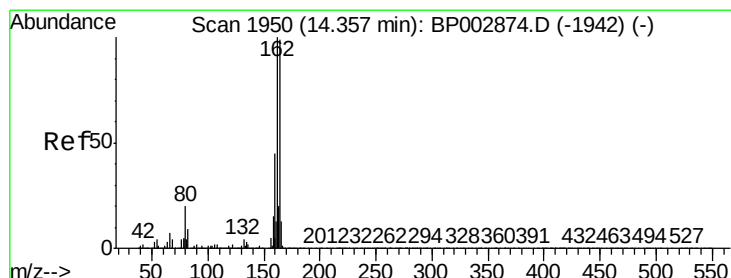
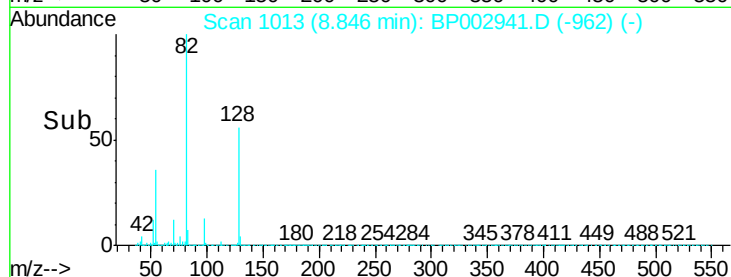
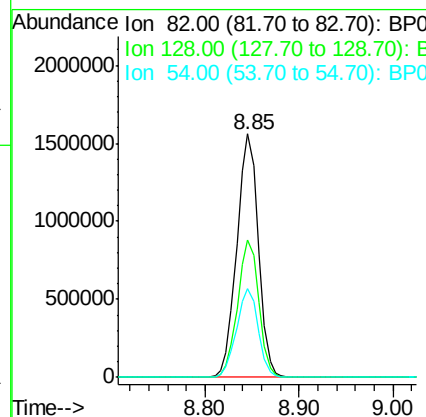
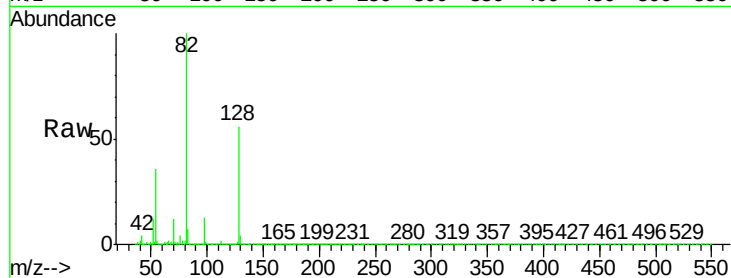




#23
 Nitrobenzene-d5
 Concen: 65.411 ng
 RT: 8.85 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: BP002941.D
 Acq: 11 Aug 2020 16:44

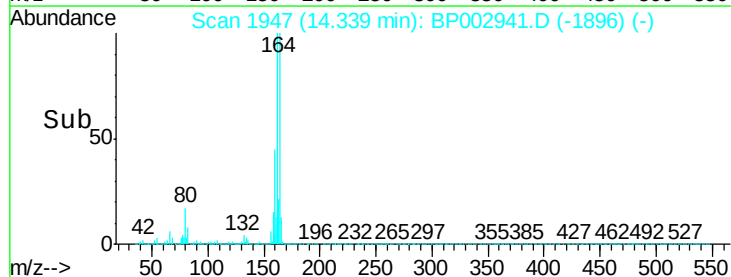
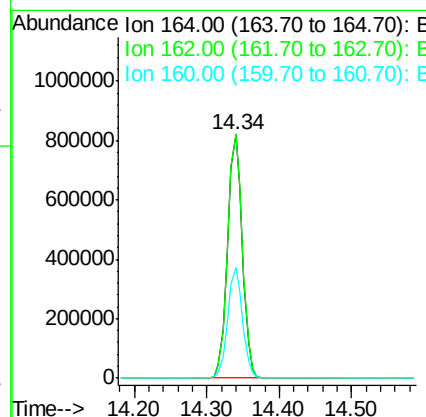
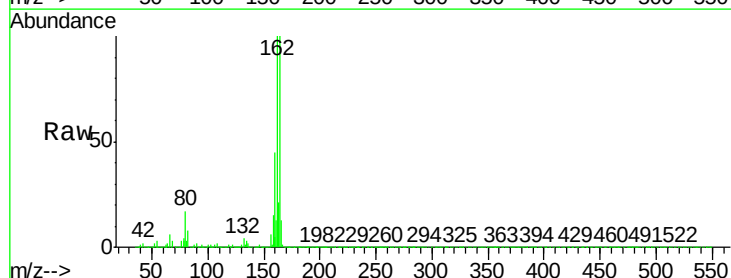
Instrument :
 BNA_P
 ClientSampleId :
 PB130895BL

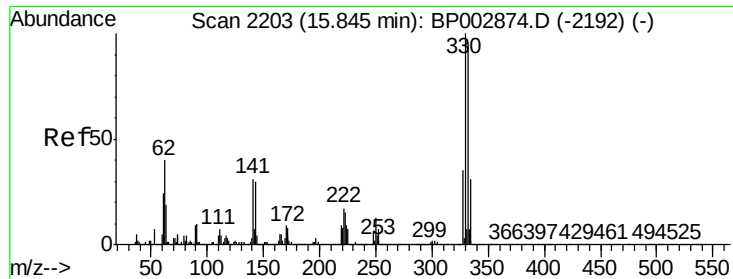
Tot Ion: 82 Resp: 2479455
 Ion Ratio Lower Upper
 82 100
 128 56.4 44.6 66.8
 54 36.3 29.2 43.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.34 min Scan# 1947
 Delta R.T. -0.00 min
 Lab File: BP002941.D
 Acq: 11 Aug 2020 16:44

Tgt Ion: 164 Resp: 1157194
 Ion Ratio Lower Upper
 164 100
 162 99.8 81.0 121.4
 160 45.3 36.2 54.4

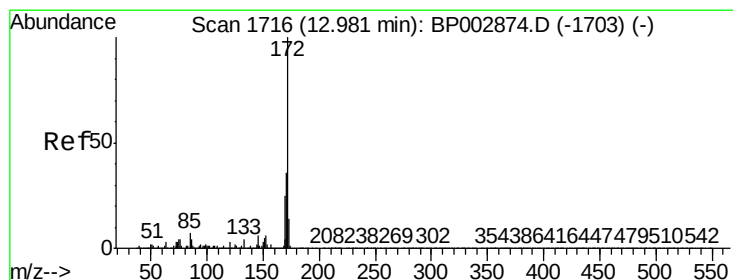
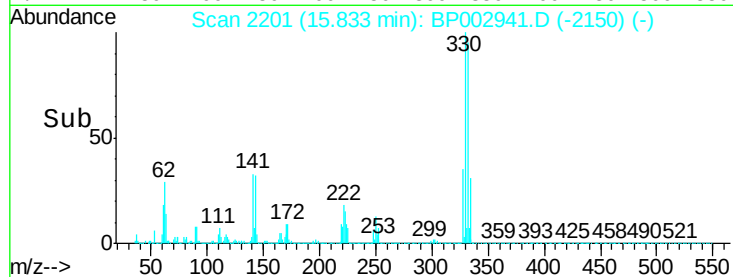
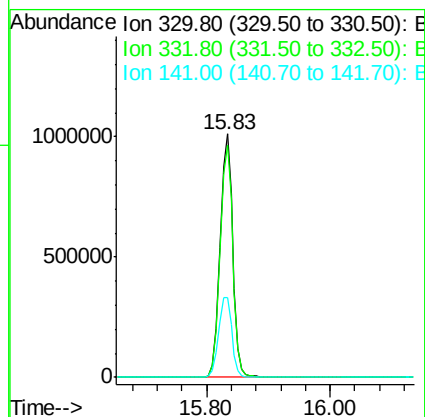
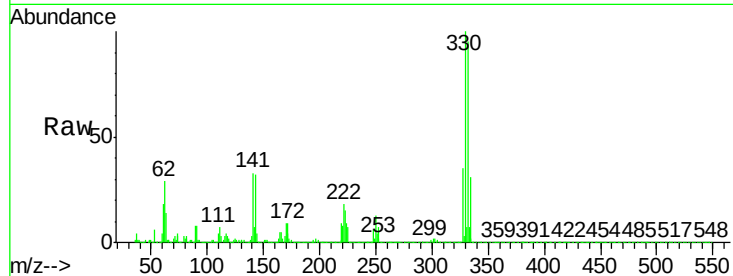




#42
 2,4,6-Tribromophenol
 Concen: 99.028 ng
 RT: 15.83 min Scan# 2201
 Delta R.T. -0.00 min
 Lab File: BP002941.D
 Acq: 11 Aug 2020 16:44

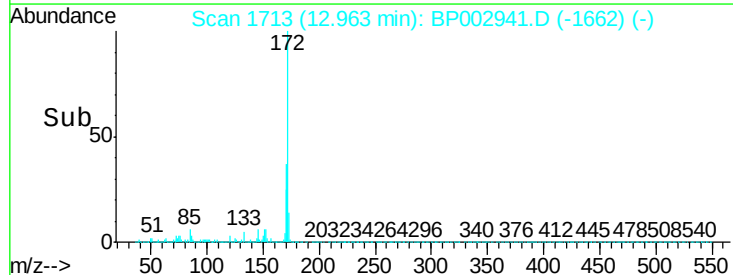
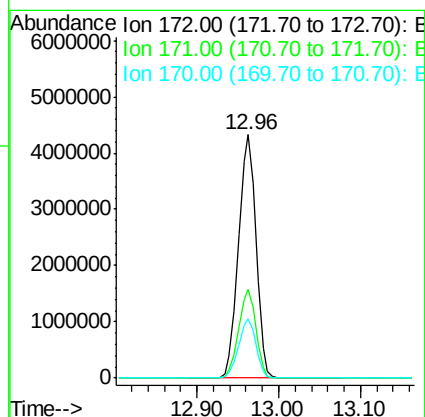
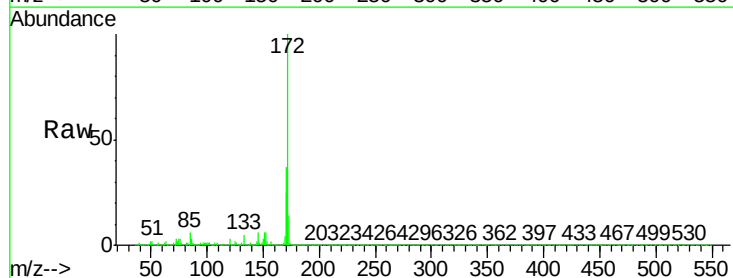
Instrument :
 BNA_P
 ClientSampleId :
 PB130895BL

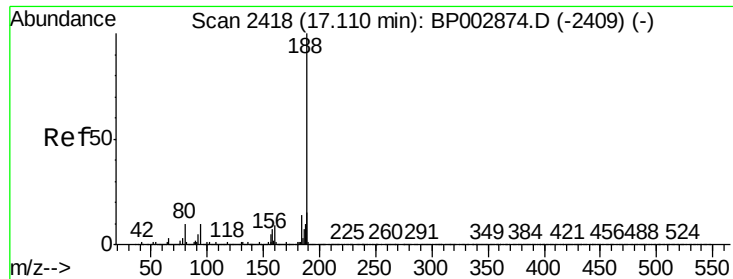
Tot Ion:330 Resp: 1424286
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.4
 141 34.7 28.6 43.0



#45
 2-Fluorobiphenyl
 Concen: 76.276 ng
 RT: 12.96 min Scan# 1713
 Delta R.T. -0.00 min
 Lab File: BP002941.D
 Acq: 11 Aug 2020 16:44

Tgt Ion:172 Resp: 6460201
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.6 44.4
 170 24.6 19.6 29.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.09 min Scan# 2415

Delta R.T. -0.00 min

Lab File: BP002941.D

Acq: 11 Aug 2020 16:44

Instrument :

BNA_P

ClientSampleId :

PB130895BL

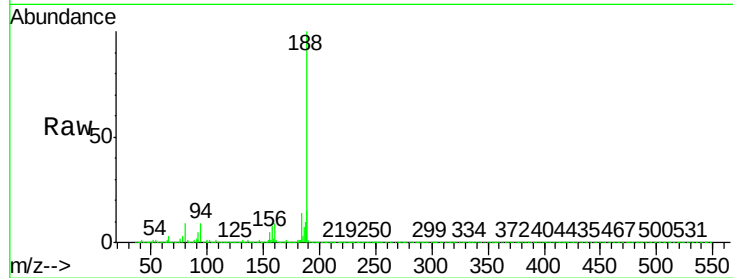
Tot Ion:188 Resp: 2199343

Ion Ratio Lower Upper

188 100

94 8.8 7.0 10.6

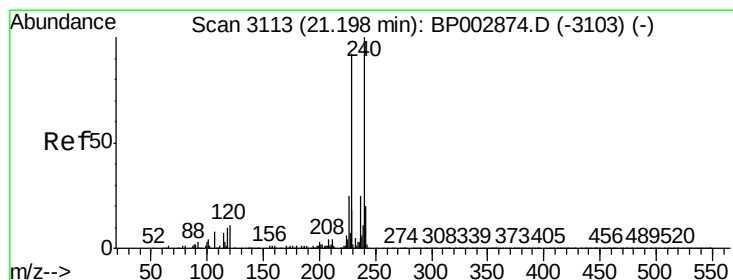
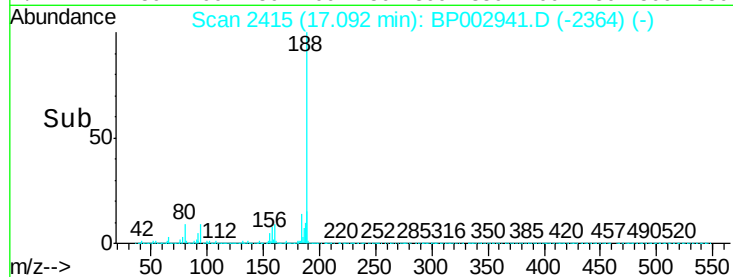
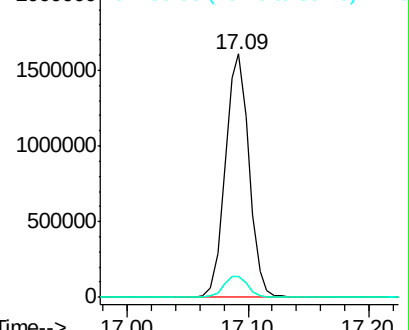
80 8.6 7.0 10.6



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: BP002941.D

Acq: 11 Aug 2020 16:44

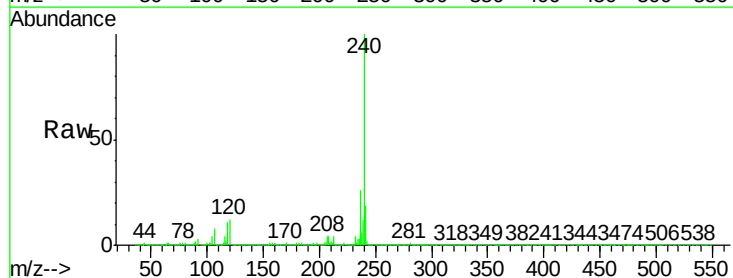
Tgt Ion:240 Resp: 1586760

Ion Ratio Lower Upper

240 100

120 12.0 10.6 16.0

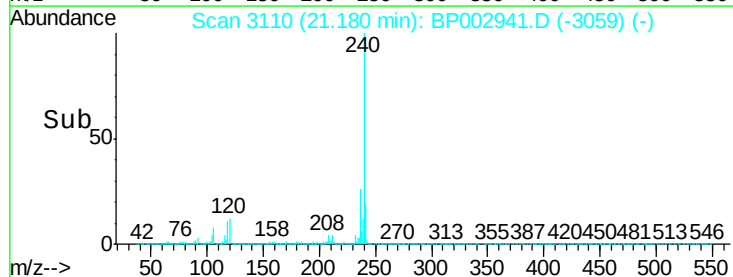
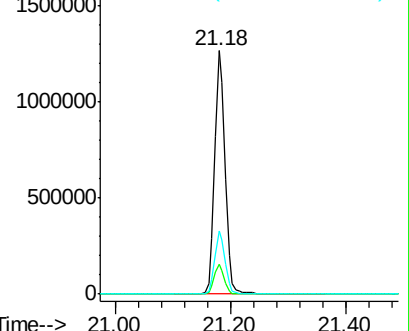
236 25.8 20.7 31.1

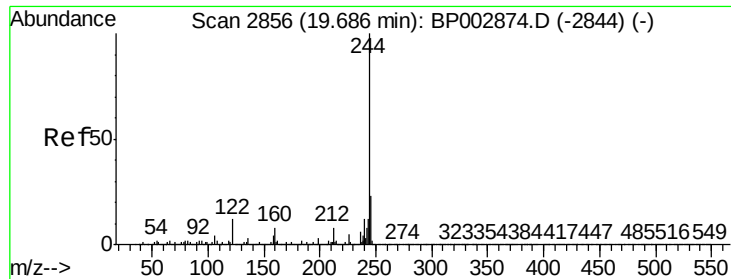


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 83.914 ng

RT: 19.67 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BP002941.D

Acq: 11 Aug 2020 16:44

Instrument :

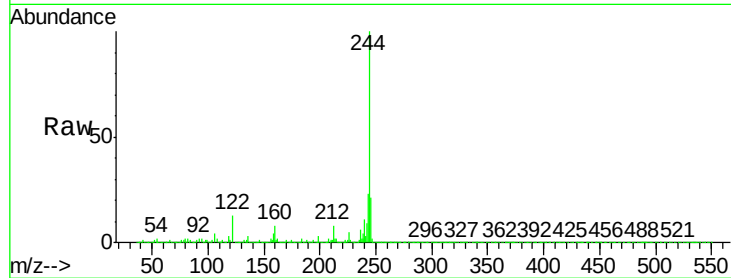
BNA_P

ClientSampleId :

PB130895BL

Tot Ion:244 Resp: 6651025

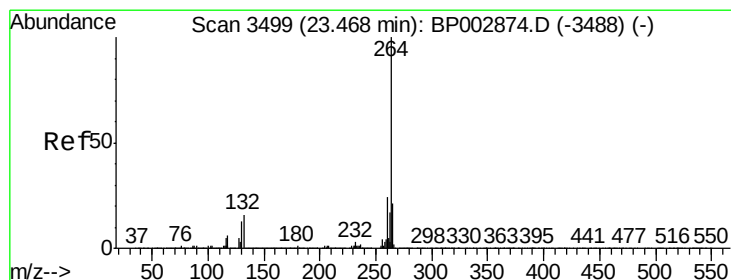
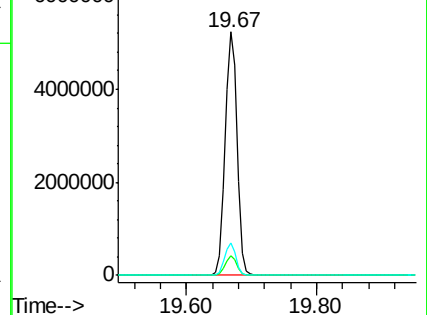
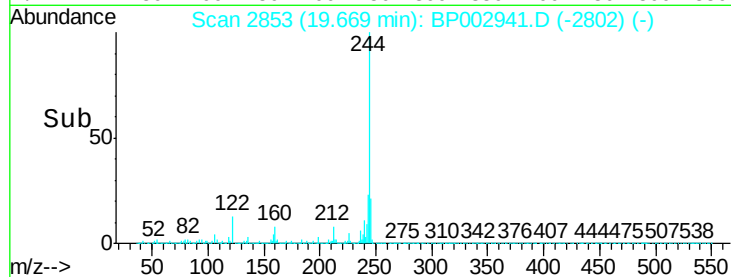
Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.3	9.5
122	13.2	9.9	14.9



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: 23.44 min Scan# 3494

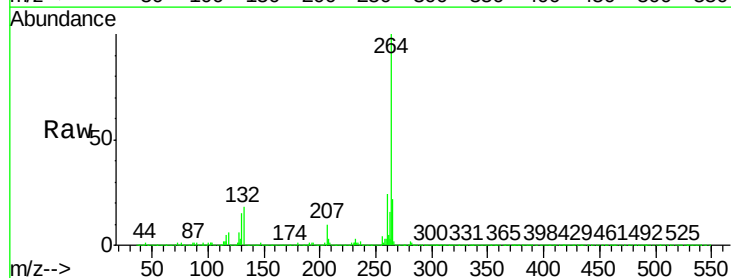
Delta R.T. 0.01 min

Lab File: BP002941.D

Acq: 11 Aug 2020 16:44

Tgt Ion:264 Resp: 1468633

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.7	28.1
265	22.0	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

