

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP082120\
 Data File : BP003082.D
 Acq On : 21 Aug 2020 18:32
 Operator : CG/JU
 Sample : L3506-10
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OR-03-082020

Quant Time: Aug 22 00:56:44 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	204127	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	816241	20.00	ng	-0.01
39) Acenaphthene-d10	14.32	164	498648	20.00	ng	-0.01
64) Phenanthrene-d10	17.07	188	1180763	20.00	ng	-0.01
76) Chrysene-d12	21.16	240	1397384	20.00	ng	-0.01
86) Perylene-d12	23.40	264	1565936	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1428407	107.10	ng	0.00
7) Phenol-d6	6.86	99	1568575	84.71	ng	-0.01
23) Nitrobenzene-d5	8.82	82	1068697	70.91	ng	-0.01
42) 2,4,6-Tribromophenol	15.81	330	922463	148.84	ng	-0.01
45) 2-Fluorobiphenyl	12.94	172	3087260	84.59	ng	-0.01
79) Terphenyl-d14	19.65	244	4846590	69.43	ng	-0.01

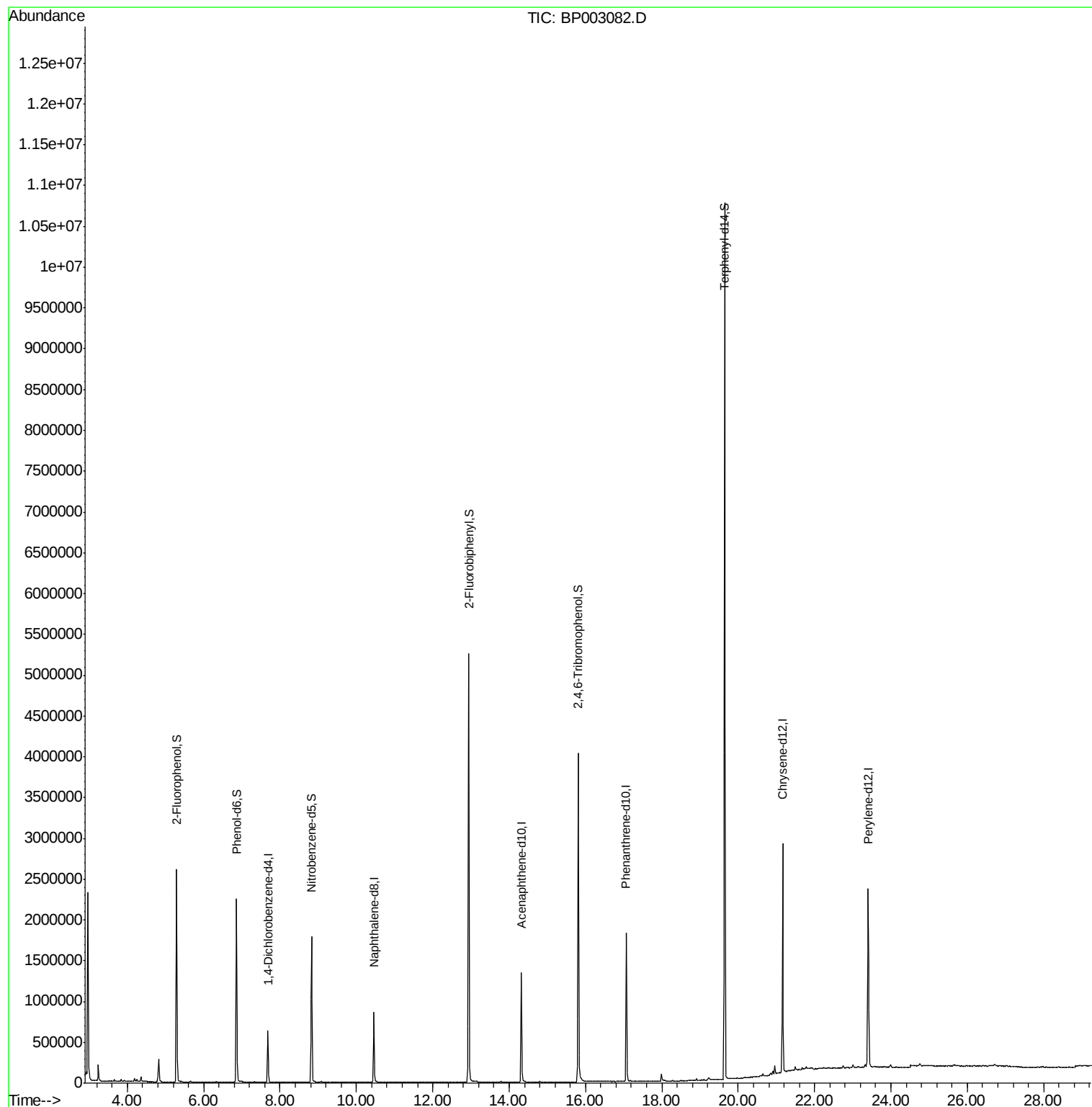
Target Compounds Qvalue

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

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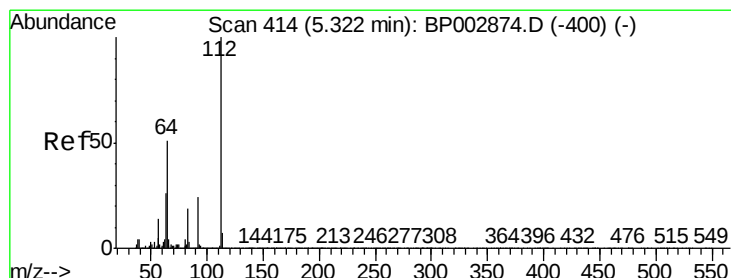
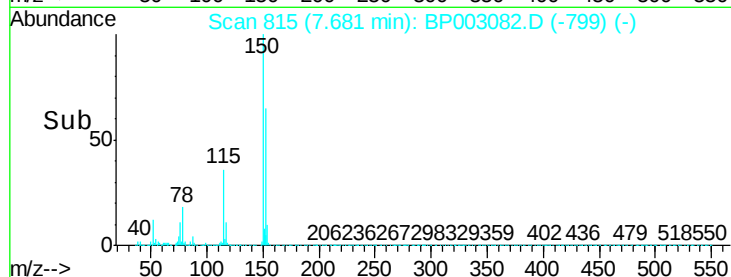
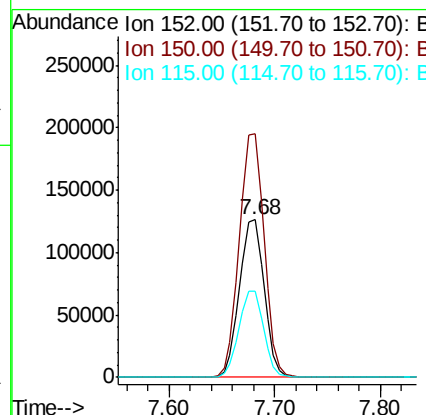
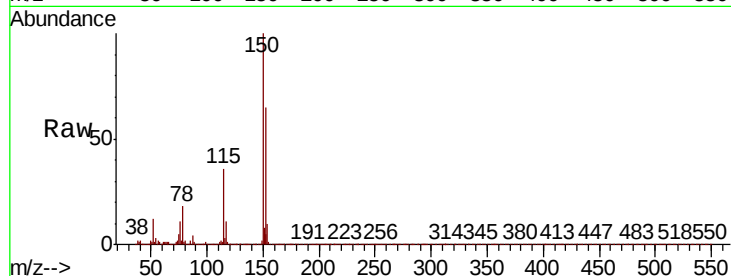


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.68 min Scan# 815
Delta R.T. -0.01 min
Lab File: BP003082.D
Acq: 21 Aug 2020 18:32

Instrument :
BNA_P
ClientSampleId :
OR-03-082020

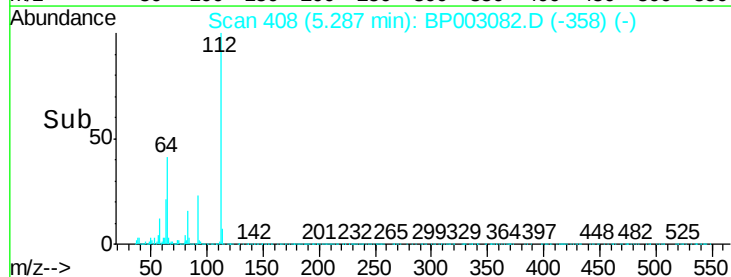
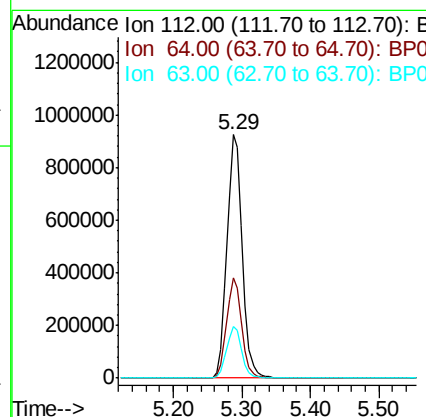
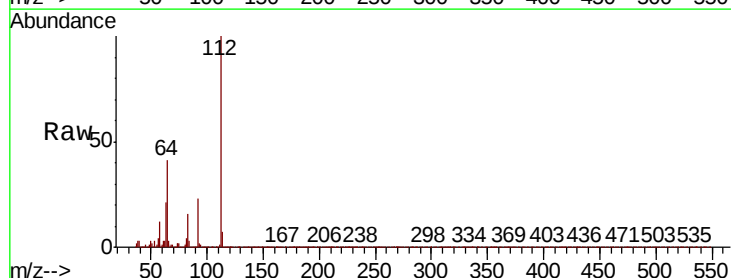
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	126.1	189.1
115	55.0	43.4	65.2

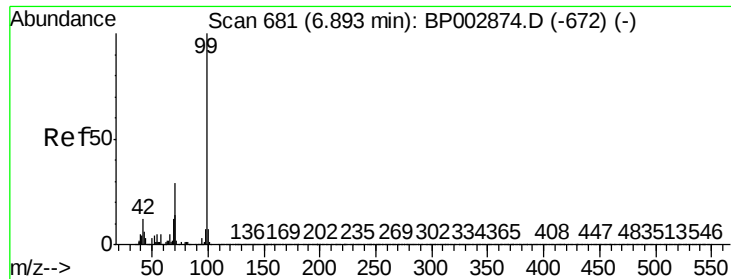


#5

2-Fluorophenol
Concen: 107.099 ng
RT: 5.29 min Scan# 408
Delta R.T. -0.01 min
Lab File: BP003082.D
Acq: 21 Aug 2020 18:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	41.0	33.4	50.2
63	21.5	17.4	26.0





#7

Phenol-d6

Concen: 84.709 ng

RT: 6.86 min Scan# 675

Delta R.T. -0.01 min

Lab File: BP003082.D

Acq: 21 Aug 2020 18:32

Instrument :

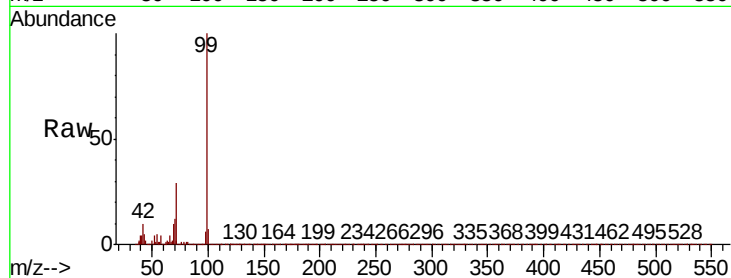
BNA_P

ClientSampleId :

OR-03-082020

Tot Ion: 99 Resp: 1568575

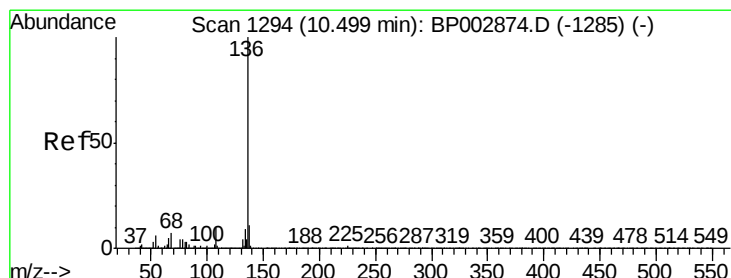
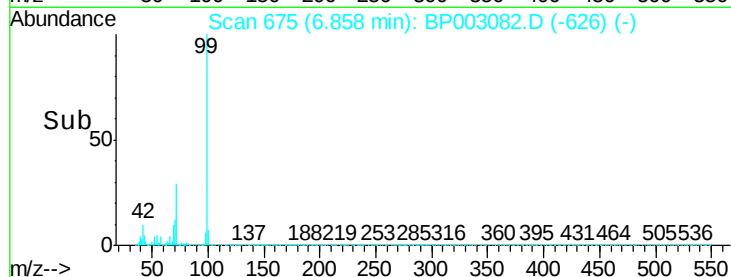
Ion	Ratio	Lower	Upper
99	100		
42	10.4	8.0	12.0
71	28.7	21.3	31.9



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

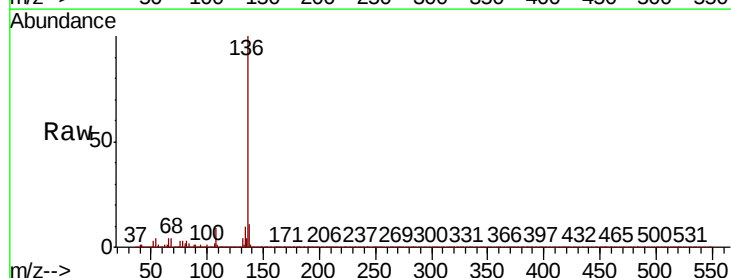
Delta R.T. -0.01 min

Lab File: BP003082.D

Acq: 21 Aug 2020 18:32

Tgt Ion: 136 Resp: 816241

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	4.3	3.8	5.8
68	4.4	3.8	5.8

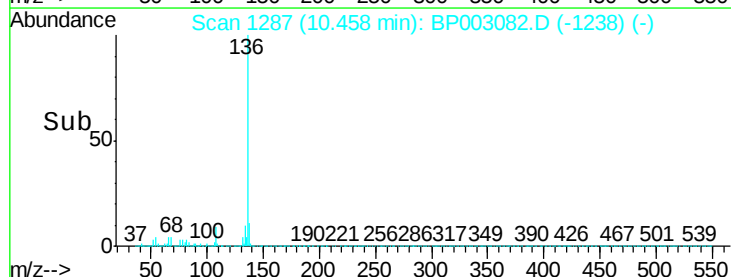


Abundance Ion 136.00 (135.70 to 136.70): E

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

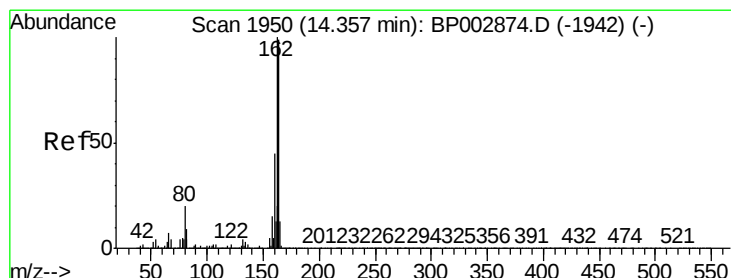
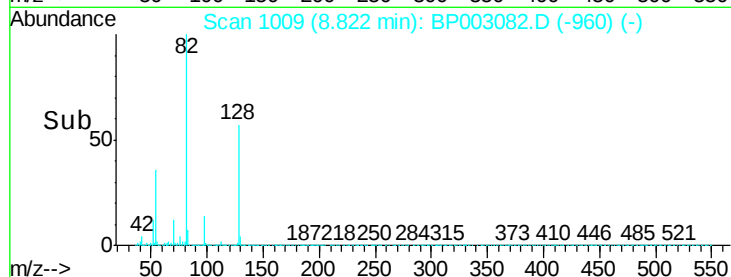
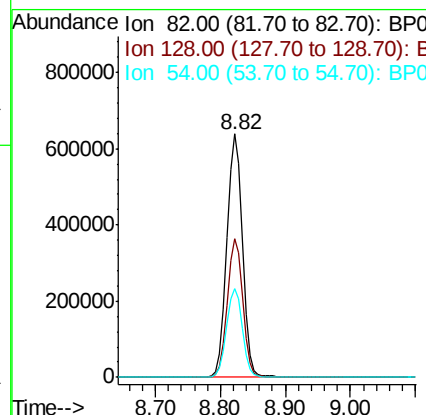
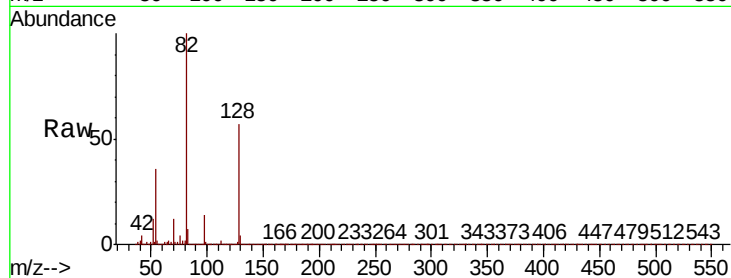




#23
Nitrobenzene-d5
Concen: 70.914 ng
RT: 8.82 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BP003082.D
Acq: 21 Aug 2020 18:32

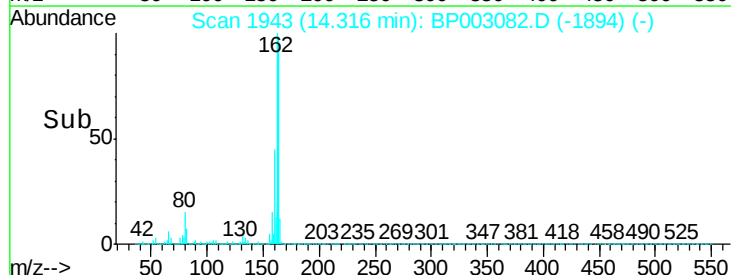
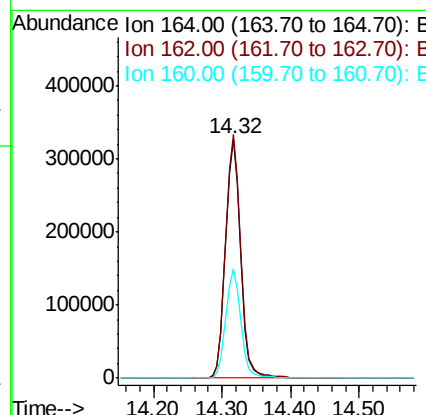
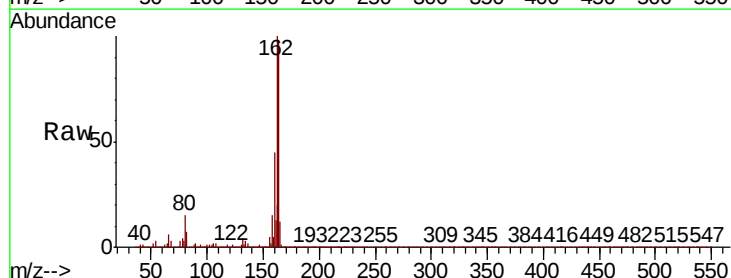
Instrument :
BNA_P
ClientSampleId :
OR-03-082020

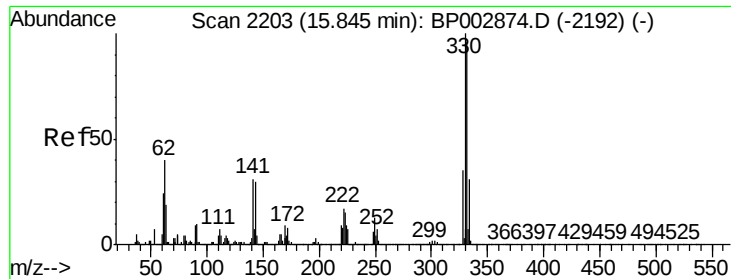
Tot Ion: 82 Resp: 1068697
Ion Ratio Lower Upper
82 100
128 56.8 45.1 67.7
54 36.2 28.8 43.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.32 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BP003082.D
Acq: 21 Aug 2020 18:32

Tgt Ion: 164 Resp: 498648
Ion Ratio Lower Upper
164 100
162 101.8 81.4 122.0
160 45.8 35.5 53.3

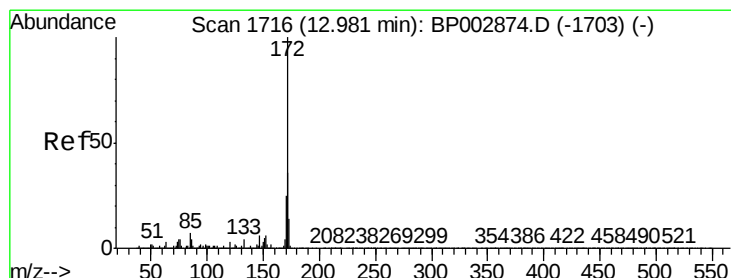
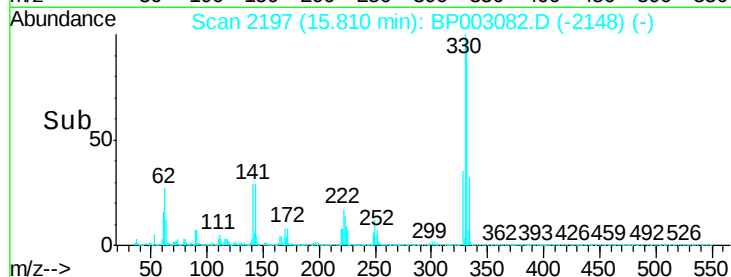
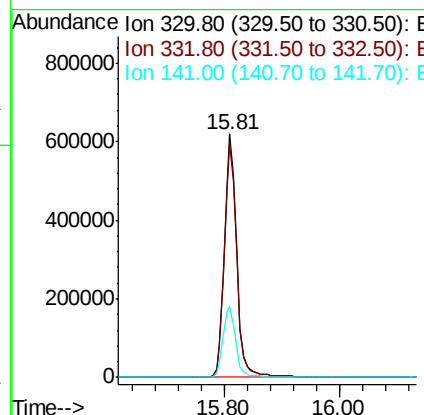
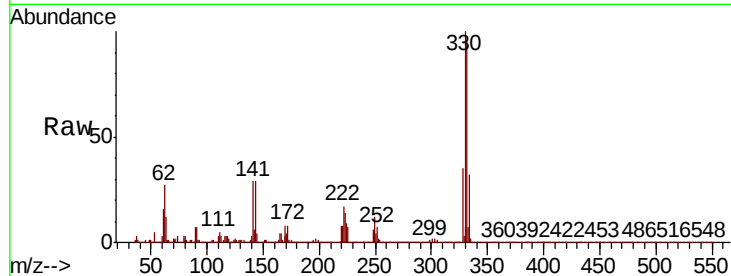




#42
2,4,6-Tribromophenol
Concen: 148.841 ng
RT: 15.81 min Scan# 2197
Delta R.T. -0.01 min
Lab File: BP003082.D
Acq: 21 Aug 2020 18:32

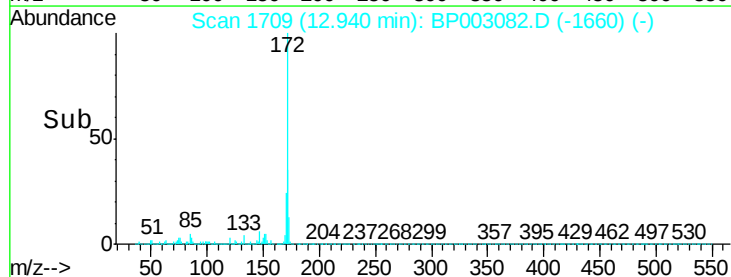
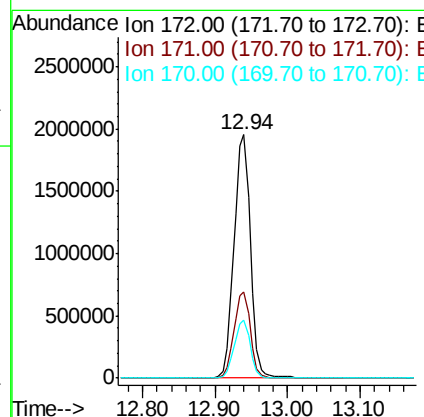
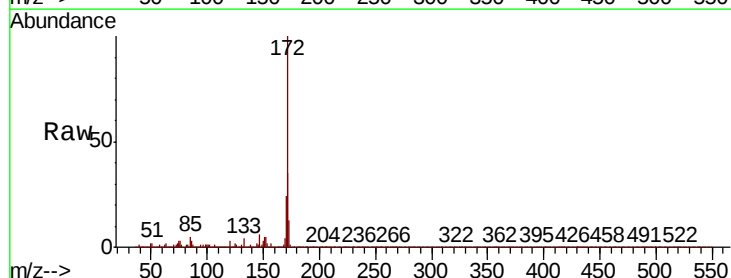
Instrument :
BNA_P
ClientSampleId :
OR-03-082020

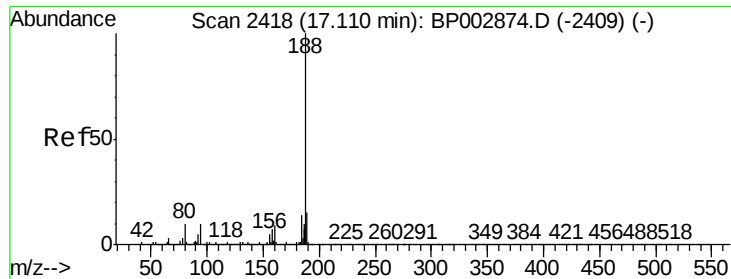
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	30.1	26.7	40.1



#45
2-Fluorobiphenyl
Concen: 84.591 ng
RT: 12.94 min Scan# 1709
Delta R.T. -0.01 min
Lab File: BP003082.D
Acq: 21 Aug 2020 18:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.0	43.4
170	23.7	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: BP003082.D

Acq: 21 Aug 2020 18:32

Instrument :

BNA_P

ClientSampleId :

OR-03-082020

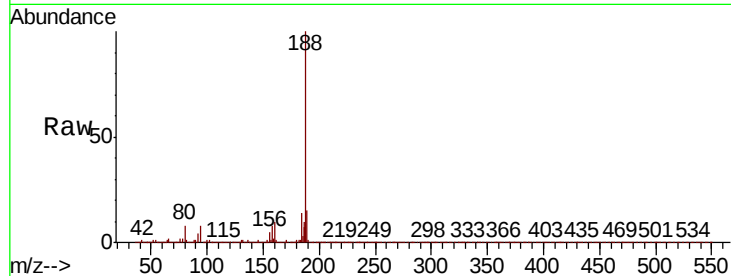
Tot Ion:188 Resp: 1180763

Ion Ratio Lower Upper

188 100

94 7.7 7.1 10.7

80 8.1 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

1000000

800000

600000

400000

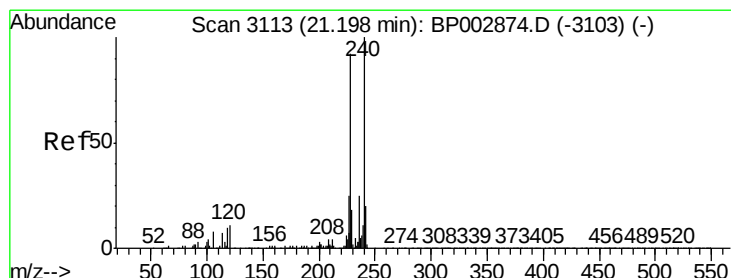
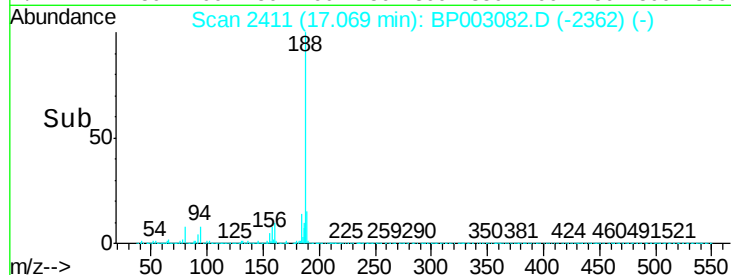
200000

0

17.07

17.00 17.10

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.16 min Scan# 3107

Delta R.T. -0.01 min

Lab File: BP003082.D

Acq: 21 Aug 2020 18:32

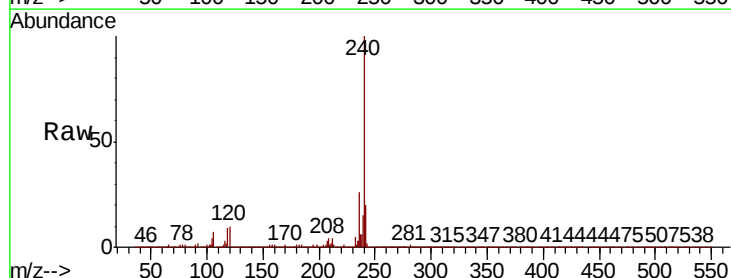
Tgt Ion:240 Resp: 1397384

Ion Ratio Lower Upper

240 100

120 10.5 9.5 14.3

236 26.0 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

1000000

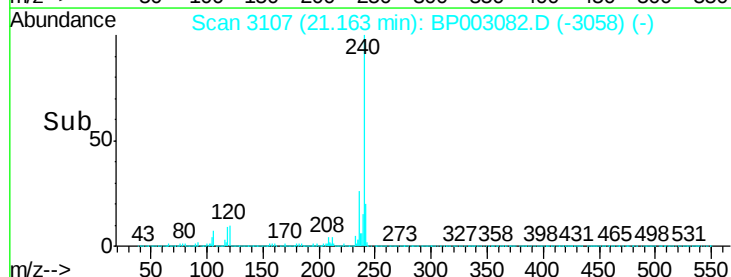
500000

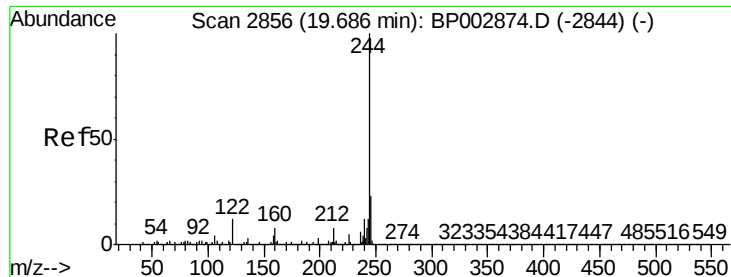
0

21.16

21.10 21.20 21.30

Time-->





#79

Terphenyl-d14

Concen: 69.434 ng

RT: 19.65 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BP003082.D

Acq: 21 Aug 2020 18:32

Instrument :

BNA_P

ClientSampleId :

OR-03-082020

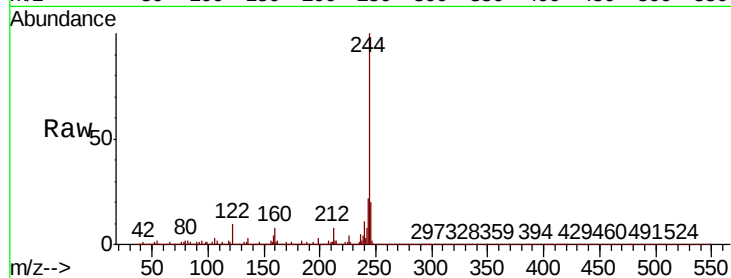
Tot Ion:244 Resp: 4846590

Ion Ratio Lower Upper

244 100

212 7.7 6.3 9.5

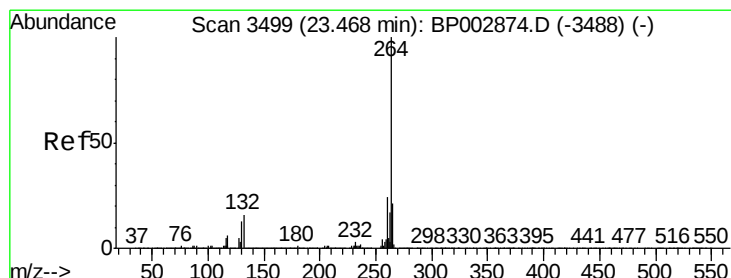
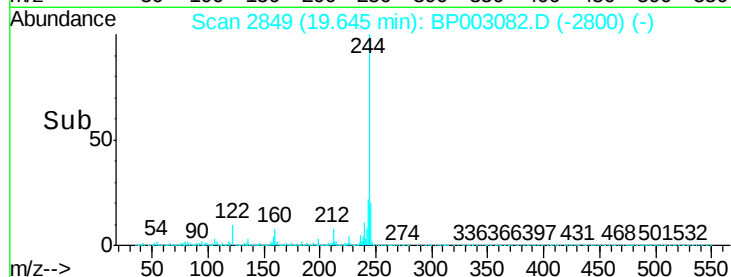
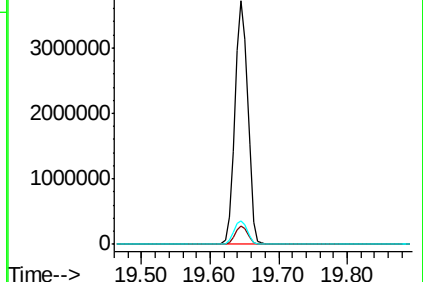
122 9.9 8.7 13.1



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: 23.40 min Scan# 3488

Delta R.T. -0.02 min

Lab File: BP003082.D

Acq: 21 Aug 2020 18:32

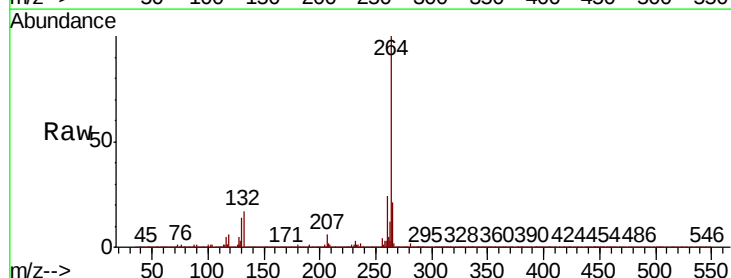
Tgt Ion:264 Resp: 1565936

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 21.4 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

