

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP073120\
 Data File : BP002889.D
 Acq On : 31 Jul 2020 12:26
 Operator : CG/JU
 Sample : PB130626BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB130626BL

Quant Time: Jul 31 13:08:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 30 15:30:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	606749	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	2408681	20.00	ng	0.00
39) Acenaphthene-d10	14.35	164	1542818	20.00	ng	0.00
64) Phenanthrene-d10	17.10	188	3354350	20.00	ng	0.00
76) Chrysene-d12	21.20	240	3152687	20.00	ng	0.00
86) Perylene-d12	23.47	264	2865034	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	4444334	112.11	ng	0.00
7) Phenol-d6	6.89	99	5635522	102.39	ng	0.00
23) Nitrobenzene-d5	8.86	82	3486421	78.40	ng	0.00
42) 2,4,6-Tribromophenol	15.85	330	2274797	118.63	ng	0.00
45) 2-Fluorobiphenyl	12.98	172	7855660	69.57	ng	0.00
79) Terphenyl-d14	19.69	244	10434683	66.26	ng	0.00

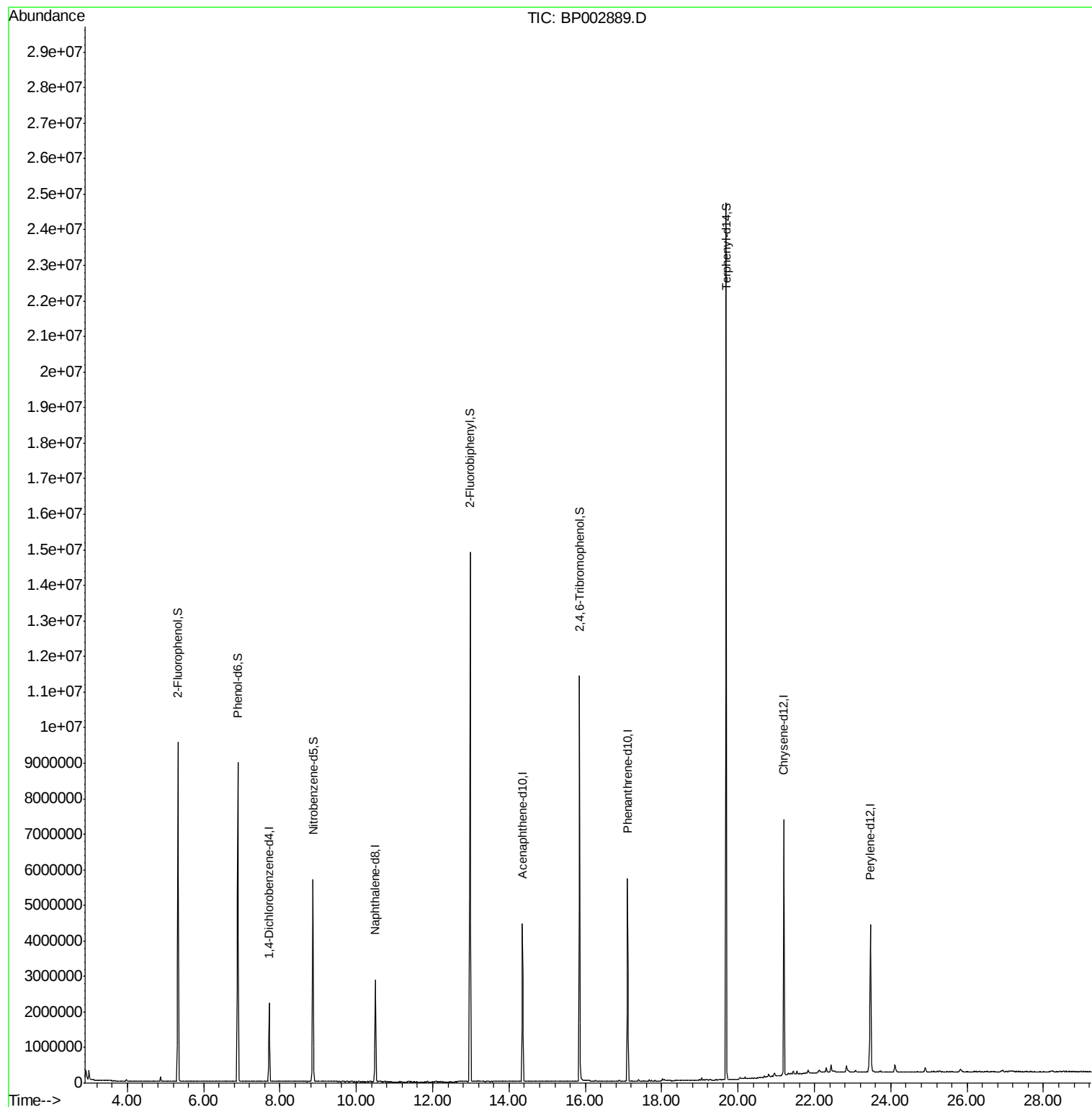
Target Compounds Qvalue

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

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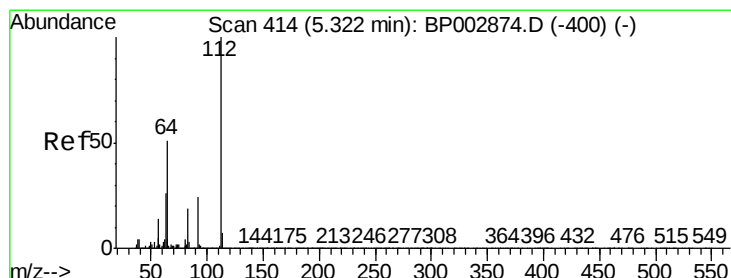
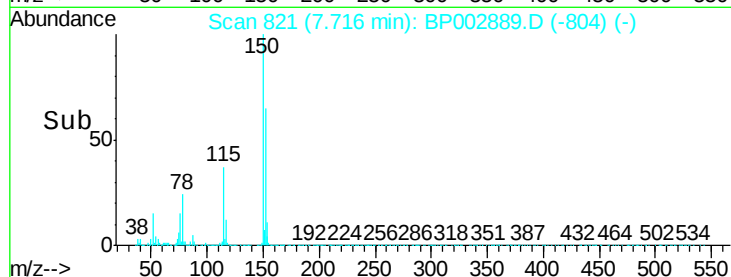
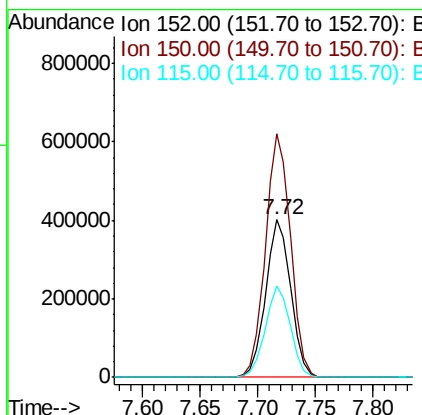
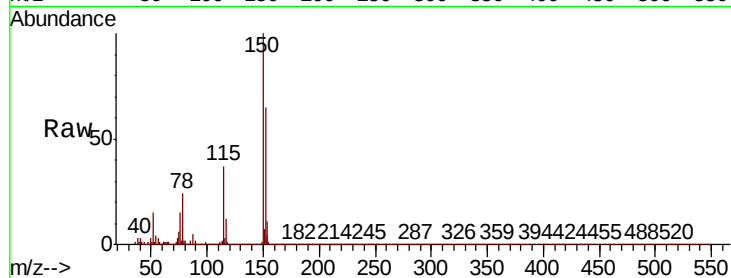


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 821
Delta R.T. 0.00 min
Lab File: BP002889.D
Acq: 31 Jul 2020 12:26

Instrument :
BNA_P
ClientSampleId :
PB130626BL

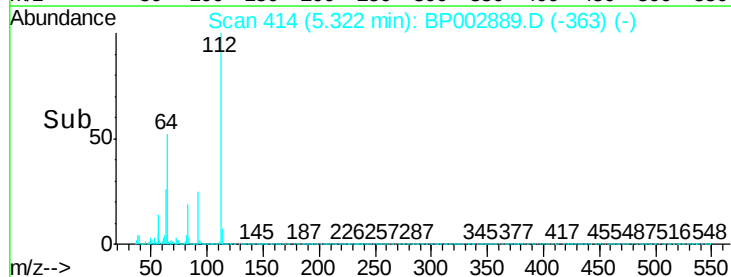
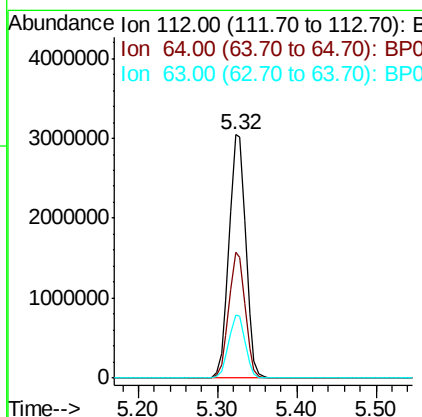
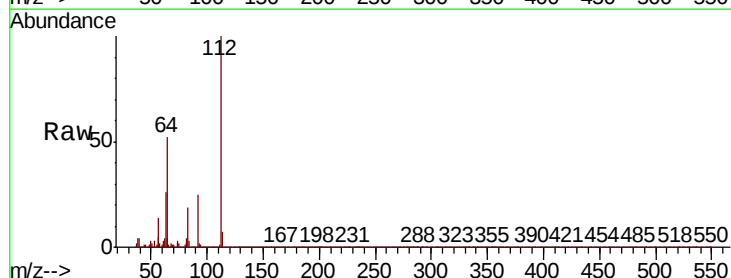
Tot Ion	152	Resp	606749
Ion Ratio	Lower	Upper	
152	100		
150	154.7	124.8	187.2
115	57.9	47.4	71.2

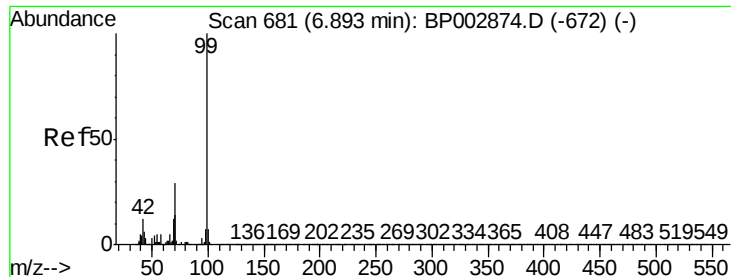


#5

2-Fluorophenol
Concen: 112.106 ng
RT: 5.32 min Scan# 414
Delta R.T. 0.00 min
Lab File: BP002889.D
Acq: 31 Jul 2020 12:26

Tgt Ion	112	Resp	4444334
Ion Ratio	Lower	Upper	
112	100		
64	51.8	41.0	61.6
63	26.0	20.7	31.1





#7

Phenol-d6

Concen: 102.389 ng

RT: 6.89 min Scan# 681

Delta R.T. 0.00 min

Lab File: BP002889.D

Acq: 31 Jul 2020 12:26

Instrument :

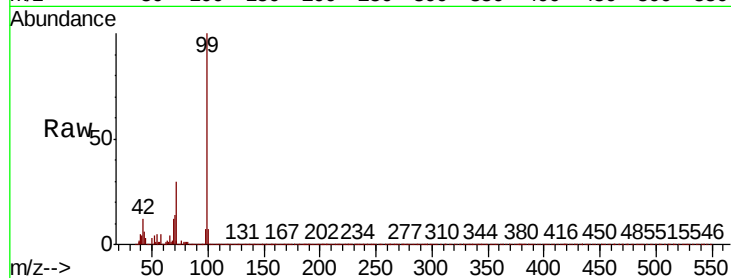
BNA_P

ClientSampleId :

PB130626BL

Tot Ion: 99 Resp: 5635522

Ion	Ratio	Lower	Upper
99	100		
42	12.0	9.3	13.9
71	30.4	23.5	35.3

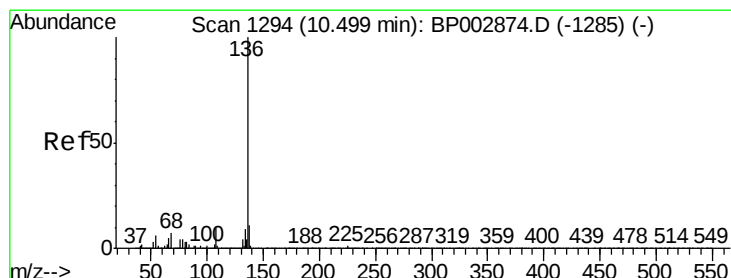
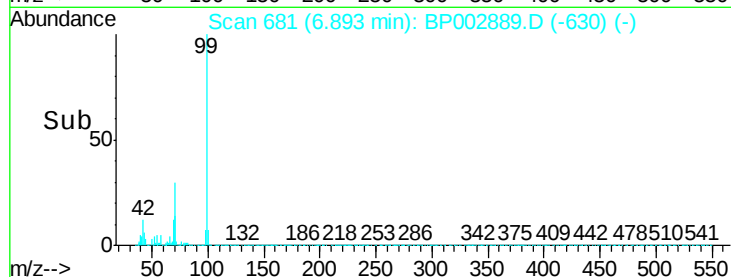
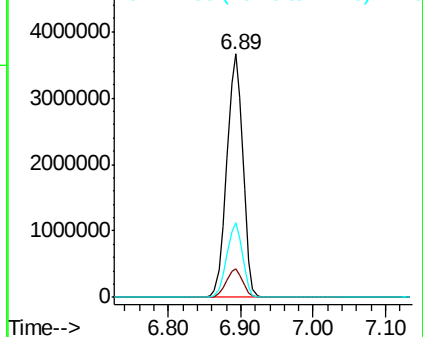


Abundance

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: 10.50 min Scan# 1294

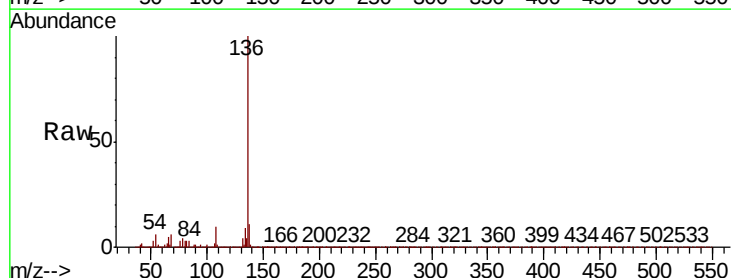
Delta R.T. 0.00 min

Lab File: BP002889.D

Acq: 31 Jul 2020 12:26

Tgt Ion: 136 Resp: 2408681

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	6.0	5.1	7.7
68	6.5	5.3	7.9



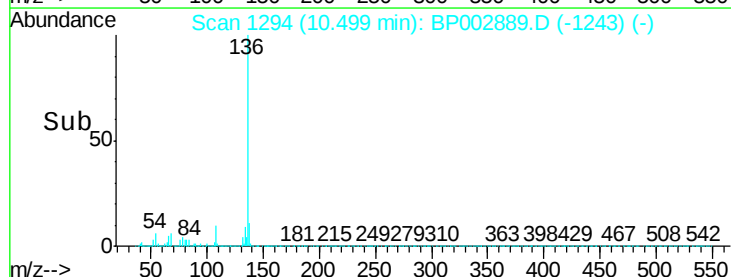
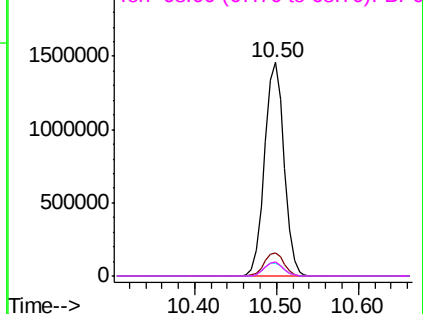
Abundance

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

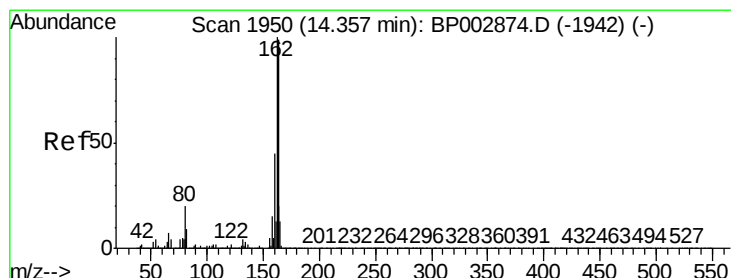
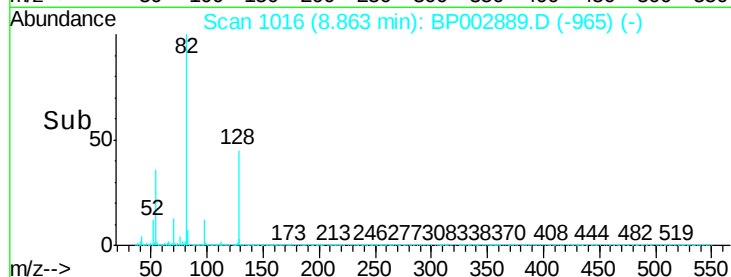
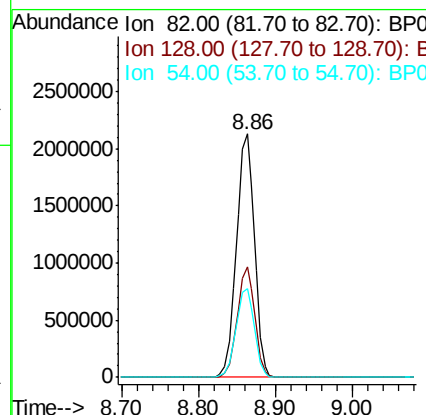
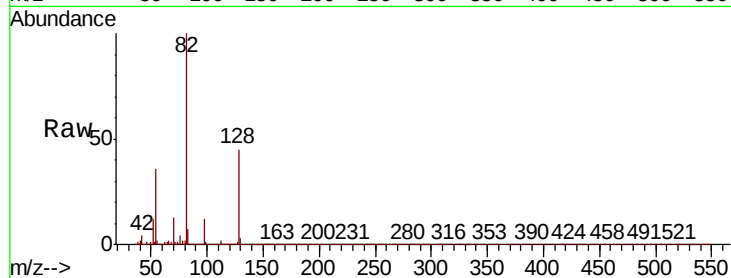




#23
 Nitrobenzene-d5
 Concen: 78.397 ng
 RT: 8.86 min Scan# 1016
 Delta R.T. 0.00 min
 Lab File: BP002889.D
 Acq: 31 Jul 2020 12:26

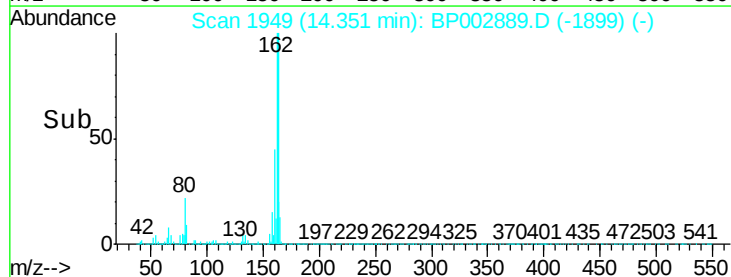
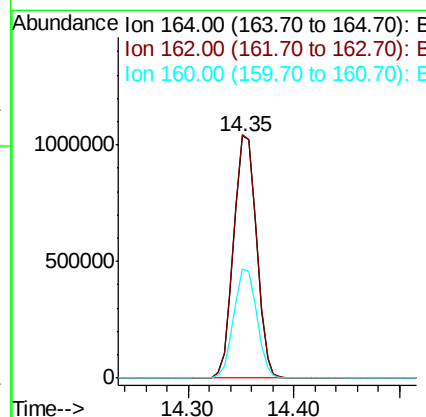
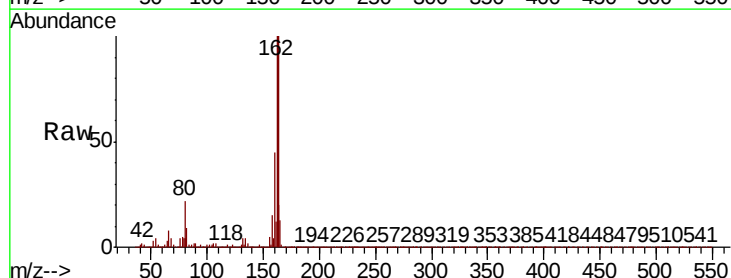
Instrument :
 BNA_P
 ClientSampleId :
 PB130626BL

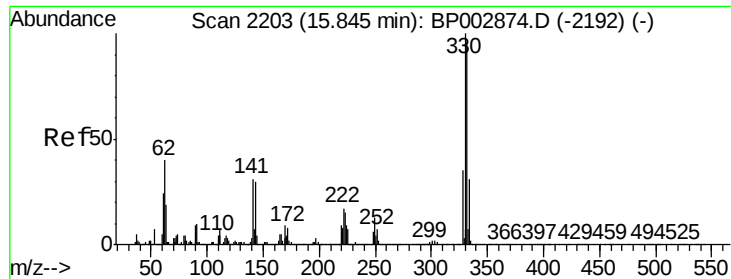
Tot Ion: 82 Resp: 3486421
 Ion Ratio Lower Upper
 82 100
 128 45.4 34.6 52.0
 54 36.4 29.5 44.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.35 min Scan# 1949
 Delta R.T. -0.01 min
 Lab File: BP002889.D
 Acq: 31 Jul 2020 12:26

Tgt Ion:164 Resp: 1542818
 Ion Ratio Lower Upper
 164 100
 162 100.5 81.0 121.6
 160 45.1 36.2 54.4

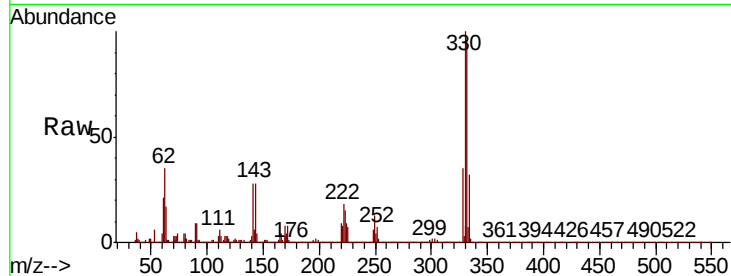




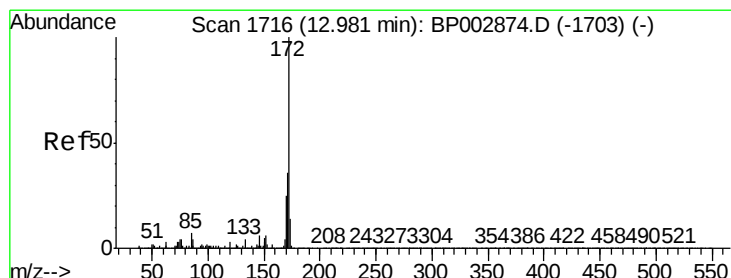
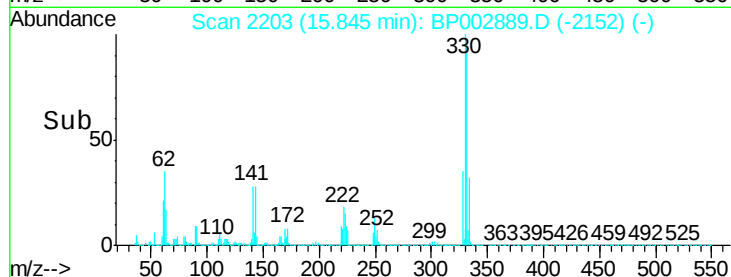
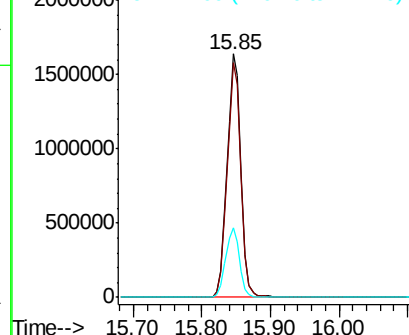
#42
2,4,6-Tribromophenol
Concen: 118.631 ng
RT: 15.85 min Scan# 2203
Delta R.T. 0.00 min
Lab File: BP002889.D
Acq: 31 Jul 2020 12:26

Instrument :
BNA_P
ClientSampleId :
PB130626BL

Tot Ion:330 Resp: 2274797
Ion Ratio Lower Upper
330 100
332 96.1 77.1 115.7
141 28.8 24.6 37.0

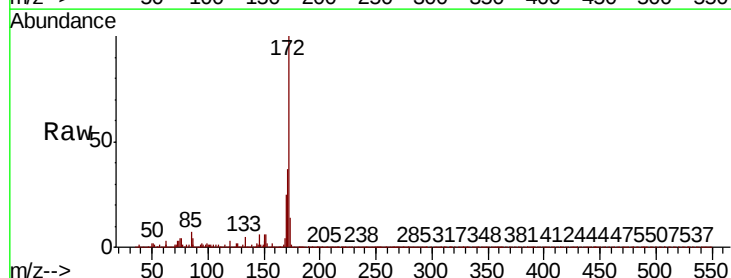


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

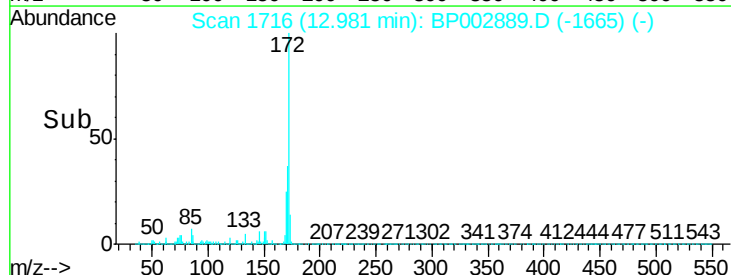
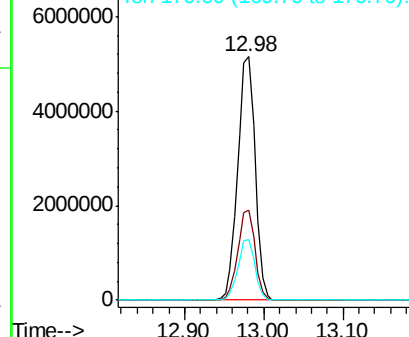


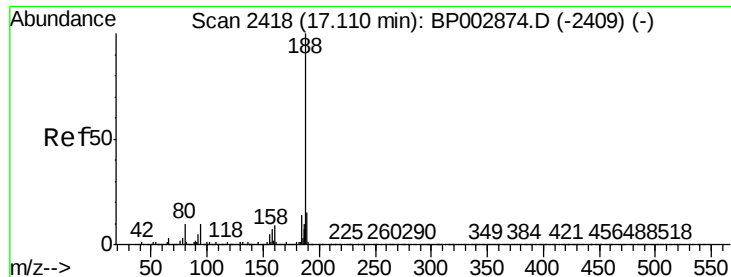
#45
2-Fluorobiphenyl
Concen: 69.569 ng
RT: 12.98 min Scan# 1716
Delta R.T. 0.00 min
Lab File: BP002889.D
Acq: 31 Jul 2020 12:26

Tgt Ion:172 Resp: 7855660
Ion Ratio Lower Upper
172 100
171 37.1 29.1 43.7
170 25.0 19.6 29.4



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.10 min Scan# 2417

Delta R.T. -0.01 min

Lab File: BP002889.D

Acq: 31 Jul 2020 12:26

Instrument :

BNA_P

ClientSampleId :

PB130626BL

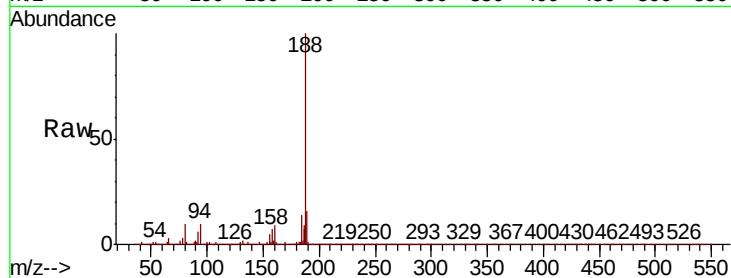
Tot Ion:188 Resp: 3354350

Ion Ratio Lower Upper

188 100

94 9.8 7.8 11.6

80 10.5 8.0 12.0

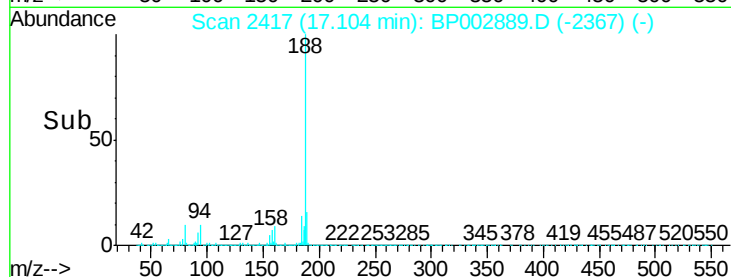


Abundance Ion 188.00 (187.70 to 188.70): E

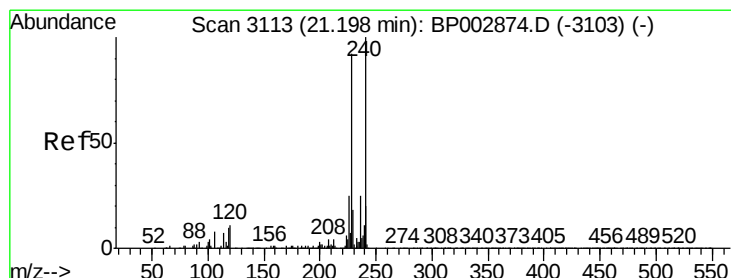
Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0

Time--> 17.00 17.10 17.20



Time--> 17.00 17.10 17.20



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.20 min Scan# 3113

Delta R.T. 0.00 min

Lab File: BP002889.D

Acq: 31 Jul 2020 12:26

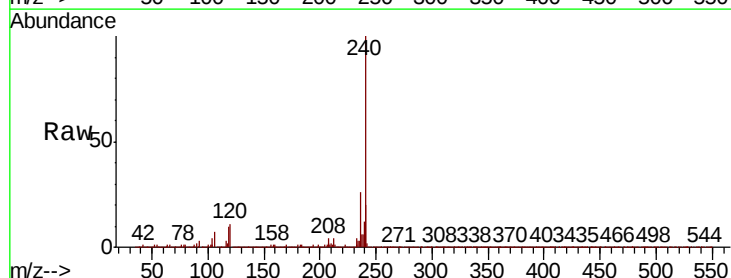
Tgt Ion:240 Resp: 3152687

Ion Ratio Lower Upper

240 100

120 10.9 8.9 13.3

236 26.4 20.3 30.5

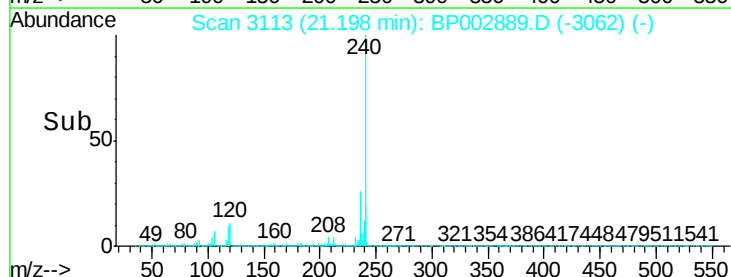


Abundance Ion 240.00 (239.70 to 240.70): E

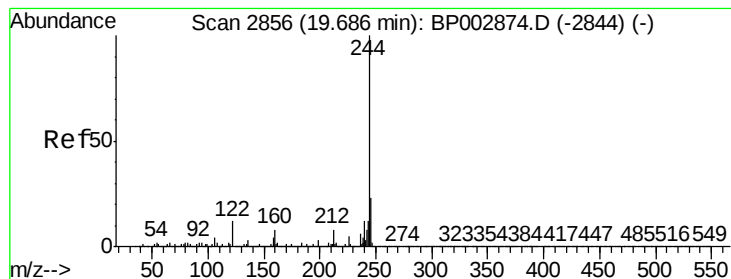
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

Time--> 21.10 21.20 21.30



Time--> 21.10 21.20 21.30



#79

Terphenyl-d14

Concen: 66.260 ng

RT: 19.69 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BP002889.D

Acq: 31 Jul 2020 12:26

Instrument :

BNA_P

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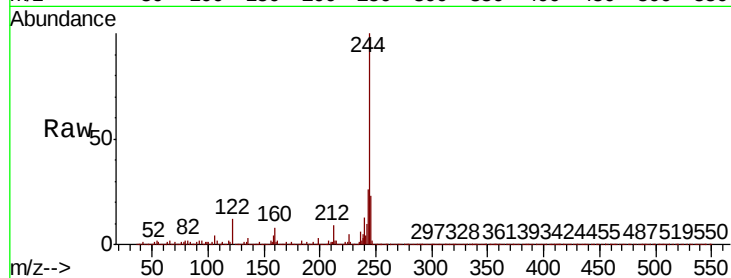
Tot Ion:244 Resp:10434683

Ion Ratio Lower Upper

244 100

212 8.6 6.4 9.6

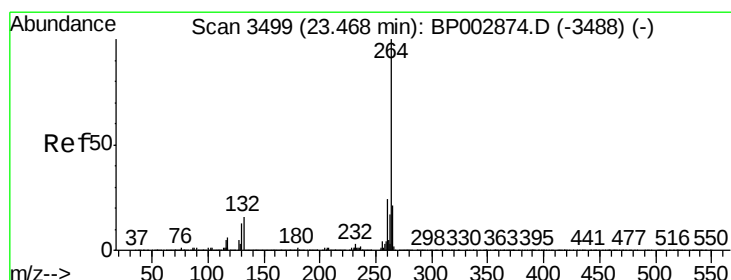
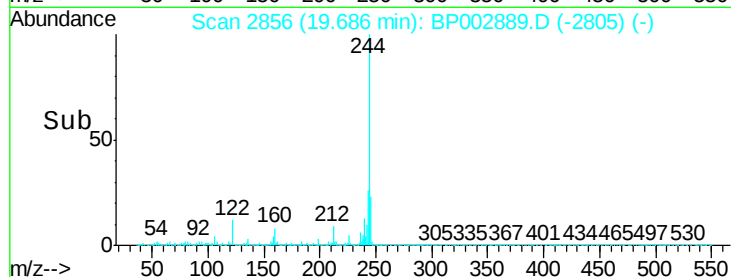
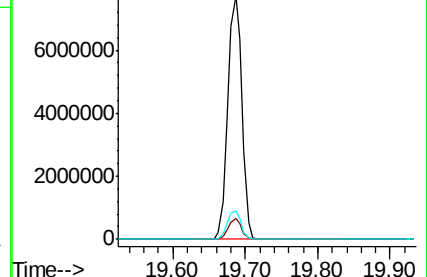
122 11.9 9.4 14.2



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: 23.47 min Scan# 3499

Delta R.T. 0.00 min

Lab File: BP002889.D

Acq: 31 Jul 2020 12:26

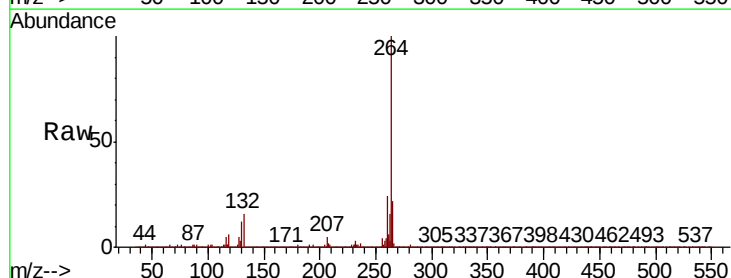
Tgt Ion:264 Resp: 2865034

Ion Ratio Lower Upper

264 100

260 24.5 19.0 28.6

265 21.8 17.0 25.4



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

