

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091020\
 Data File : BP003249.D
 Acq On : 10 Sep 2020 15:40
 Operator : CG/JU
 Sample : PB131525BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB131525BL

Quant Time: Sep 10 17:03:43 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP082420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 01 14:37:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	216125	20.00	ng	0.00
21) Naphthalene-d8	10.43	136	838320	20.00	ng	0.00
39) Acenaphthene-d10	14.29	164	502761	20.00	ng	0.00
64) Phenanthrene-d10	17.04	188	1031642	20.00	ng	0.00
76) Chrysene-d12	21.14	240	934149	20.00	ng	0.00
86) Perylene-d12	23.38	264	896492	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1354987	110.85	ng	0.00
7) Phenol-d6	6.84	99	1583973	103.37	ng	0.00
23) Nitrobenzene-d5	8.80	82	989756	85.11	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	751392	110.50	ng	0.00
45) 2-Fluorobiphenyl	12.91	172	2737633	79.74	ng	0.00
79) Terphenyl-d14	19.62	244	3450541	81.28	ng	0.00

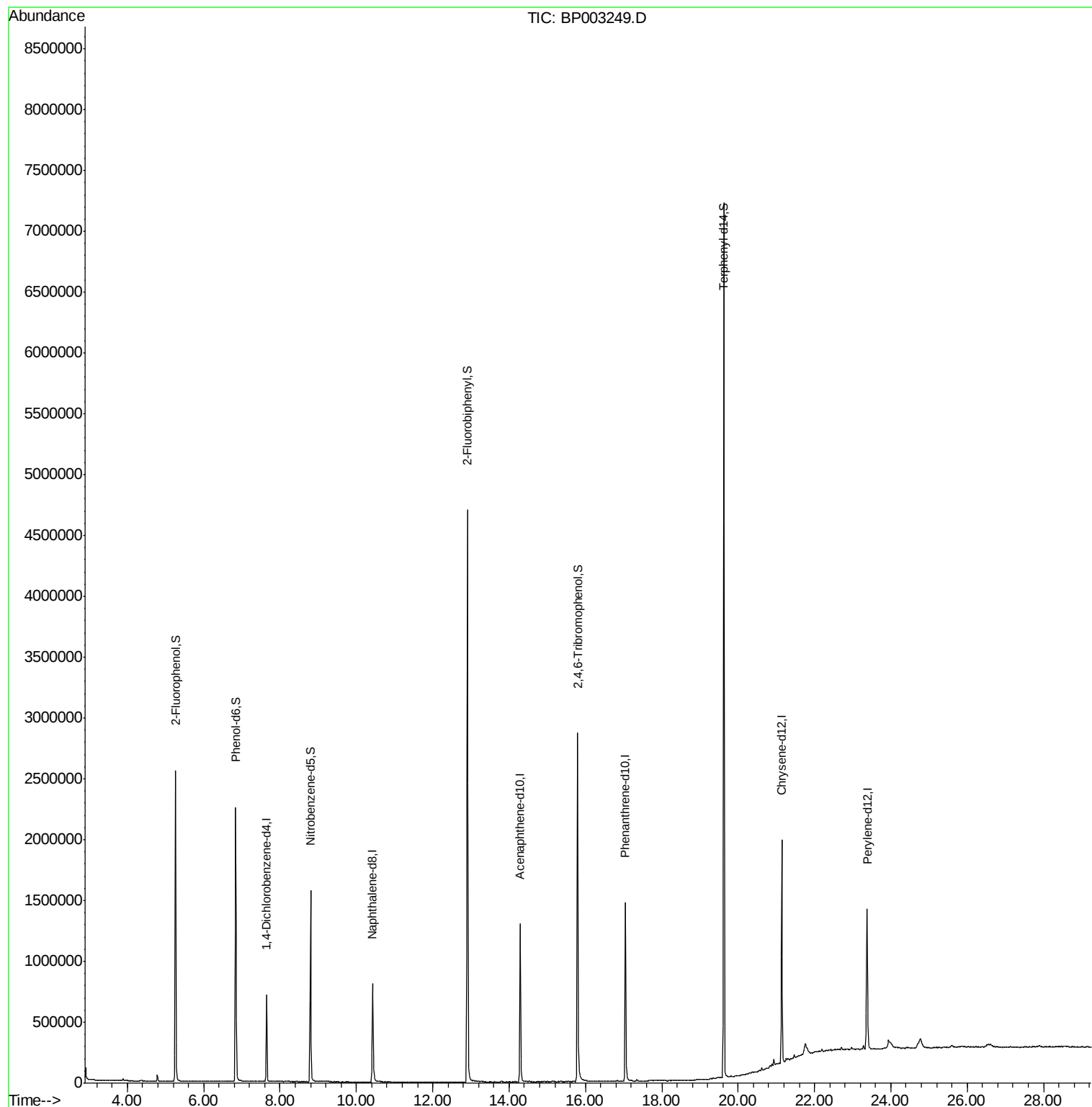
Target Compounds Qvalue

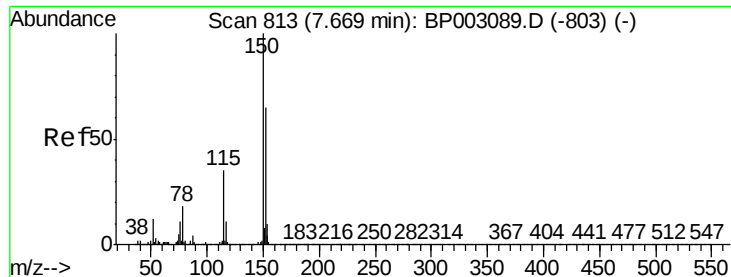
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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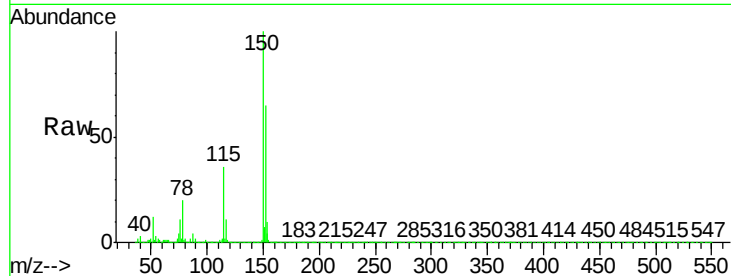


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 809
Delta R.T. -0.01 min
Lab File: BP003249.D
Acq: 10 Sep 2020 15:40

Instrument :
BNA_P
ClientSampleId :
PB131525BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.9	123.8	185.6
115	55.4	43.8	65.6

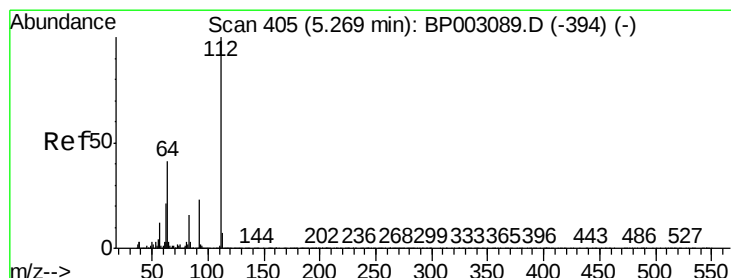
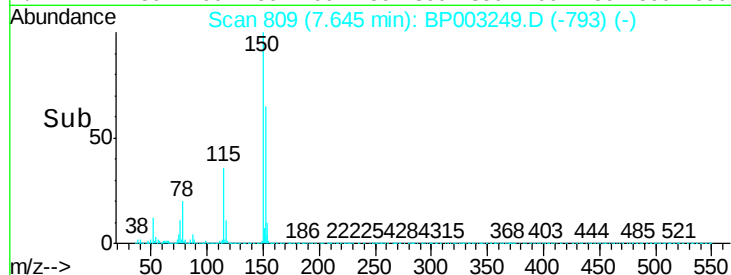
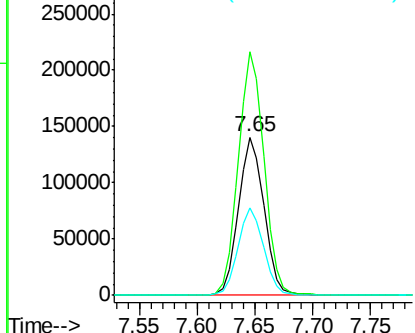


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

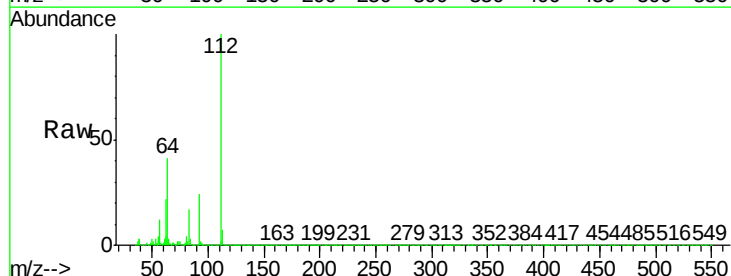
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 110.846 ng
RT: 5.26 min Scan# 404
Delta R.T. -0.00 min
Lab File: BP003249.D
Acq: 10 Sep 2020 15:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	40.7	32.8	49.2
63	21.7	17.0	25.4

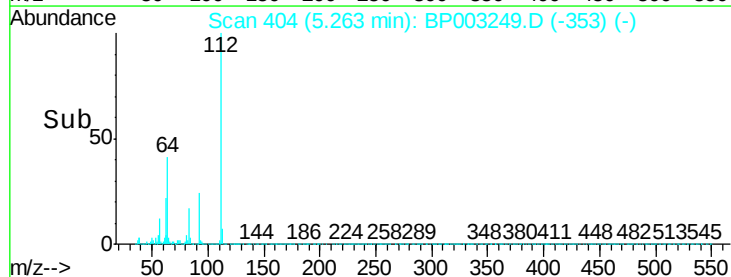
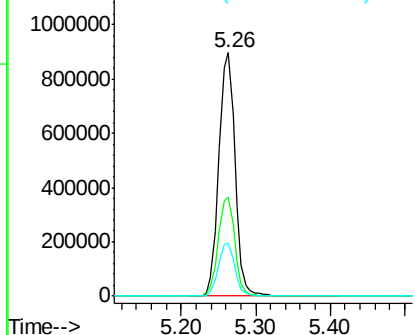


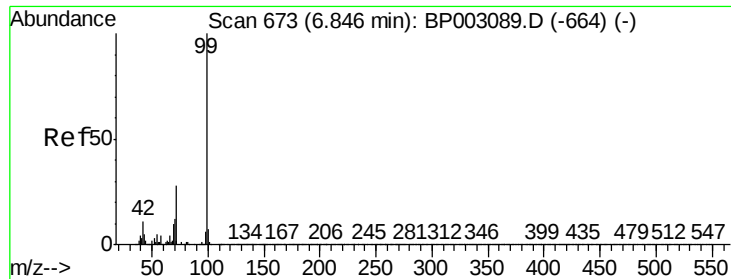
Abundance

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: 103.367 ng

RT: 6.84 min Scan# 672

Delta R.T. 0.01 min

Lab File: BP003249.D

Acq: 10 Sep 2020 15:40

Instrument :

BNA_P

ClientSampleId :

PB131525BL

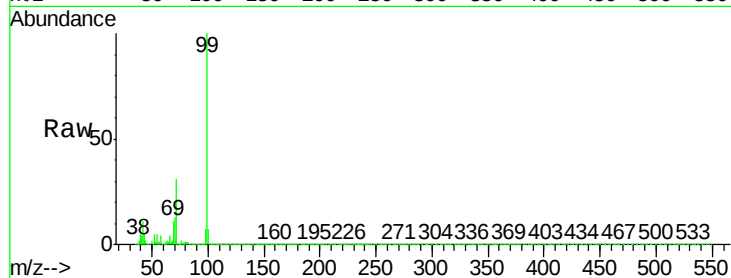
Tot Ion: 99 Resp: 1583973

Ion Ratio Lower Upper

99 100

42 11.2 8.6 13.0

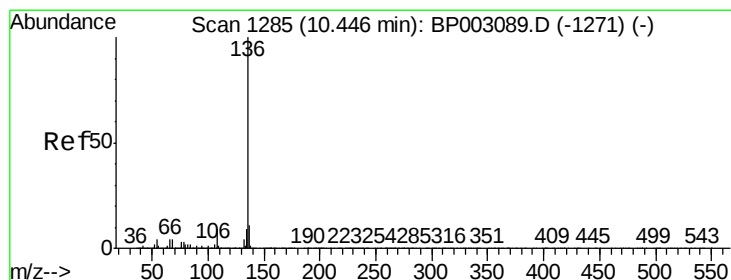
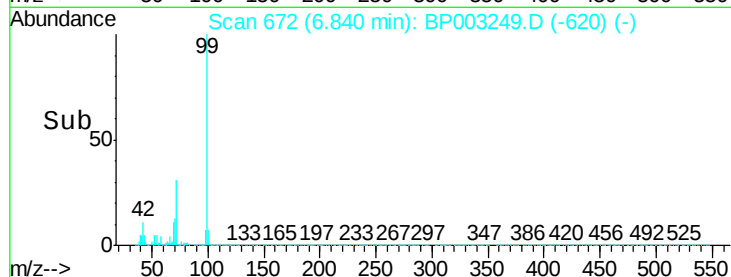
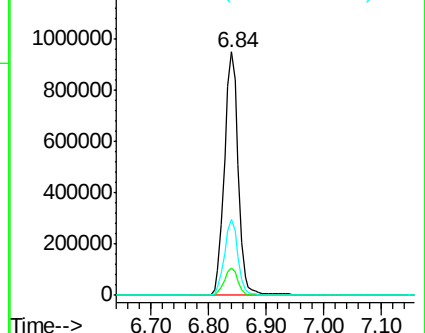
71 31.1 23.4 35.2



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: 10.43 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BP003249.D

Acq: 10 Sep 2020 15:40

Tgt Ion: 136 Resp: 838320

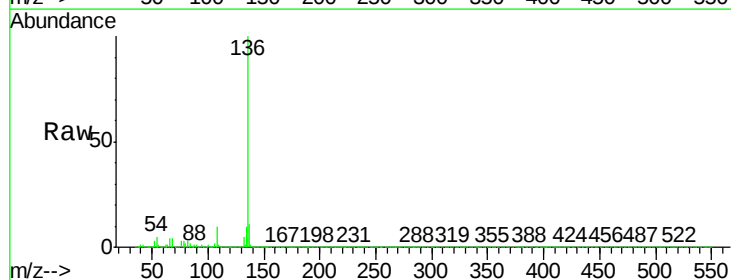
Ion Ratio Lower Upper

136 100

137 11.0 8.6 13.0

54 4.7 3.6 5.4

68 4.2 3.3 4.9

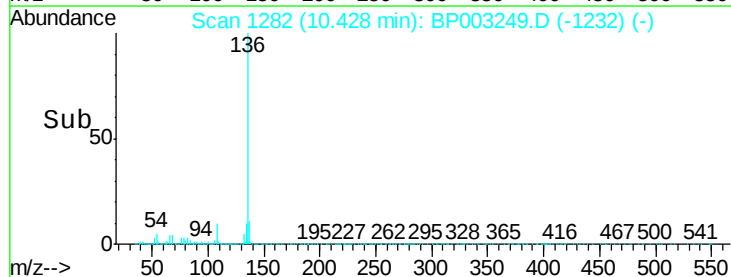
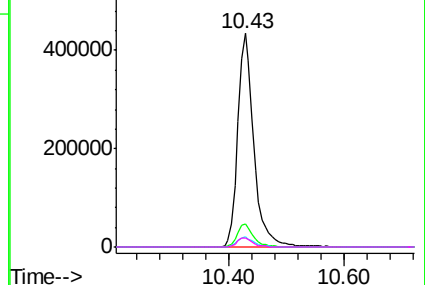


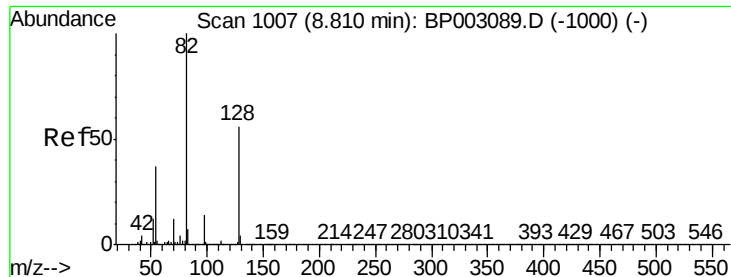
Abundance Ion 136.00 (135.70 to 136.70): E

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

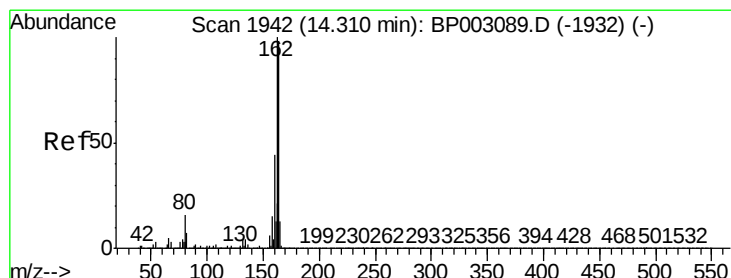
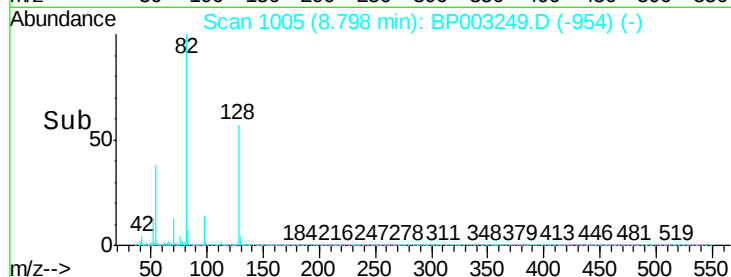
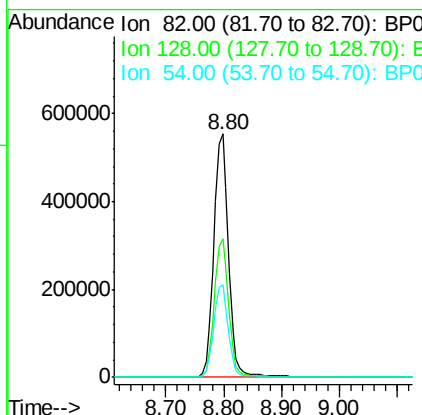
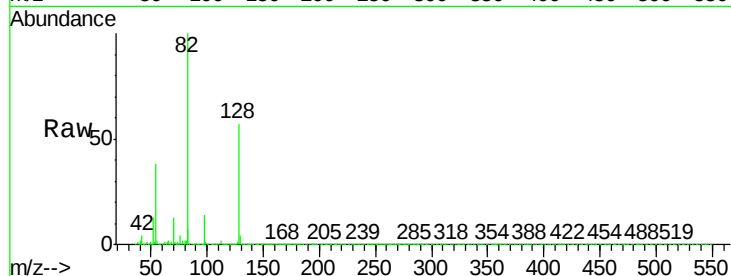




#23
Nitrobenzene-d5
Concen: 85.113 ng
RT: 8.80 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BP003249.D
Acq: 10 Sep 2020 15:40

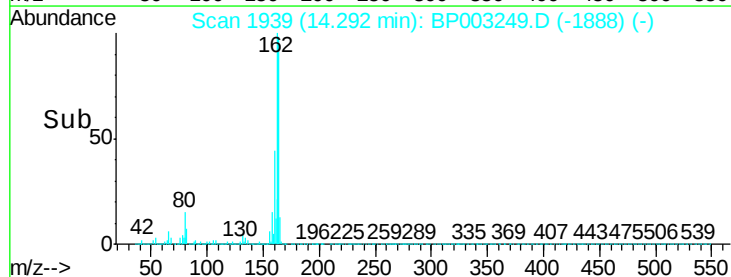
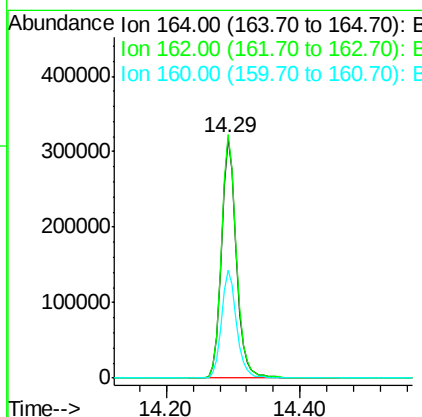
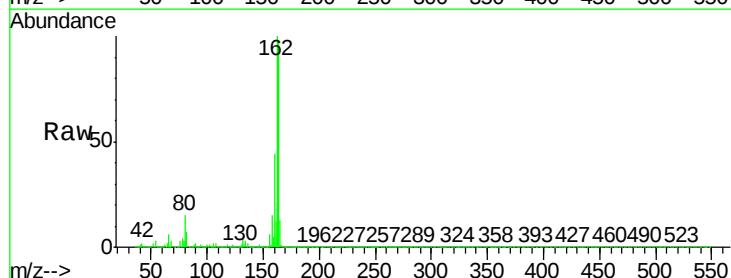
Instrument :
BNA_P
ClientSampleId :
PB131525BL

Tot Ion: 82 Resp: 989756
Ion Ratio Lower Upper
82 100
128 56.9 45.6 68.4
54 38.0 30.1 45.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.29 min Scan# 1939
Delta R.T. -0.00 min
Lab File: BP003249.D
Acq: 10 Sep 2020 15:40

Tgt Ion: 164 Resp: 502761
Ion Ratio Lower Upper
164 100
162 101.5 79.4 119.2
160 45.1 36.1 54.1

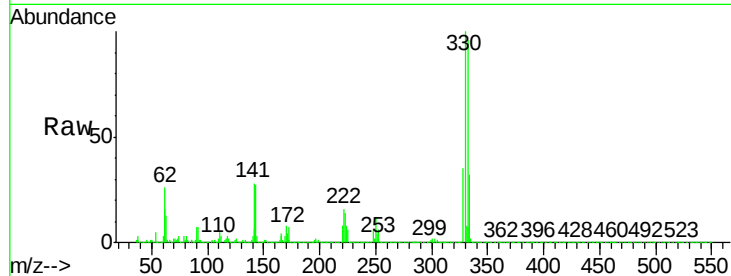




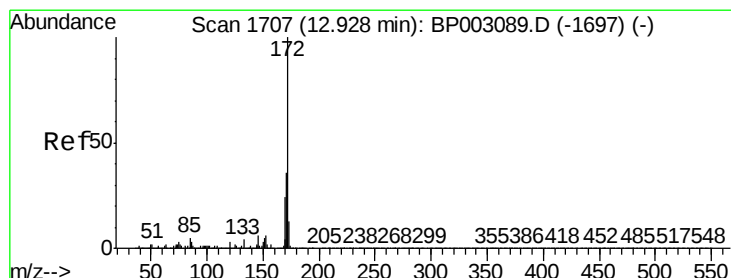
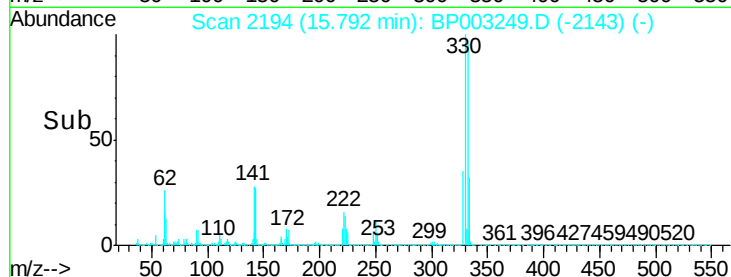
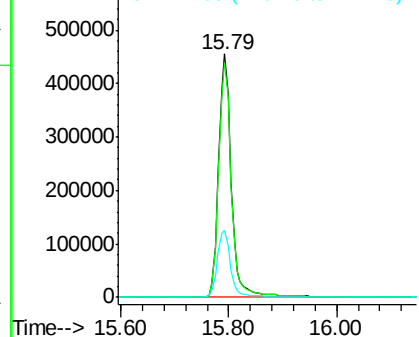
#42
2,4,6-Tribromophenol
Concen: 110.503 ng
RT: 15.79 min Scan# 2194
Delta R.T. -0.00 min
Lab File: BP003249.D
Acq: 10 Sep 2020 15:40

Instrument :
BNA_P
ClientSampleId :
PB131525BL

Tot Ion:330 Resp: 751392
Ion Ratio Lower Upper
330 100
332 97.0 77.1 115.7
141 29.0 23.4 35.2

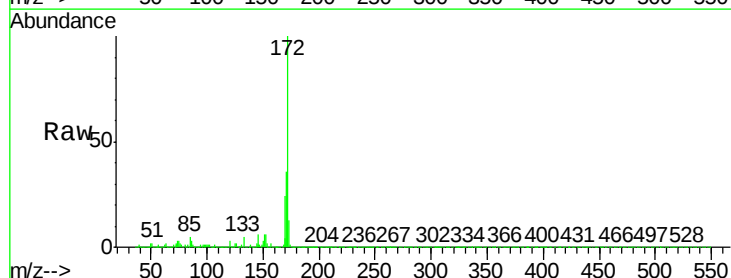


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

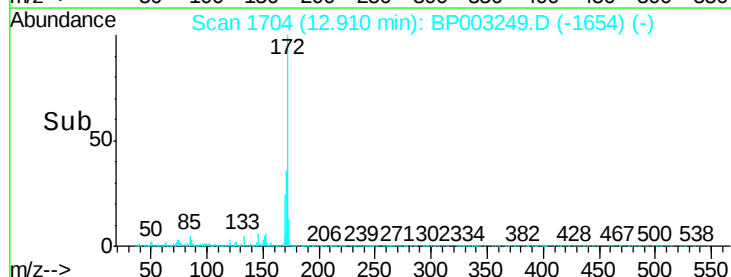
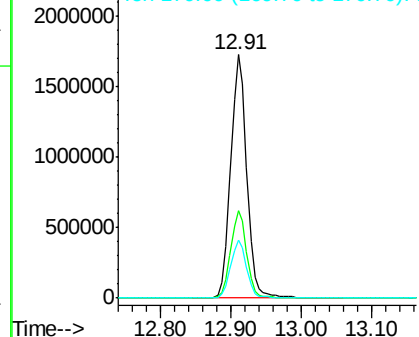


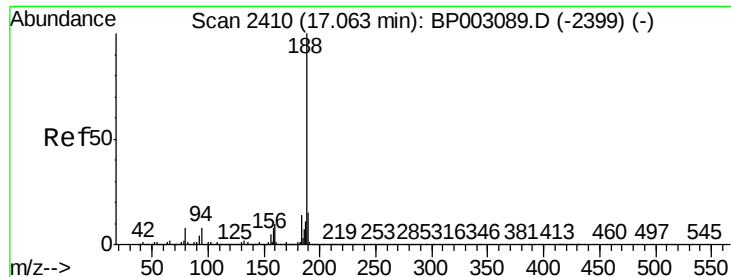
#45
2-Fluorobiphenyl
Concen: 79.742 ng
RT: 12.91 min Scan# 1704
Delta R.T. -0.01 min
Lab File: BP003249.D
Acq: 10 Sep 2020 15:40

Tgt Ion:172 Resp: 2737633
Ion Ratio Lower Upper
172 100
171 36.1 28.5 42.7
170 23.6 19.2 28.8



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: 17.04 min Scan# 2407

Delta R.T. -0.00 min

Lab File: BP003249.D

Acq: 10 Sep 2020 15:40

Instrument :

BNA_P

ClientSampleId :

PB131525BL

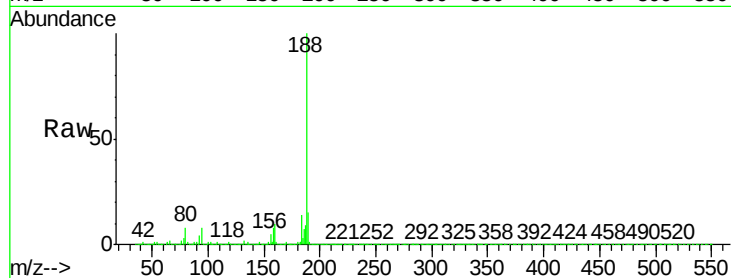
Tot Ion:188 Resp: 1031642

Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.2	9.2
80	7.5	6.2	9.2

188 100

94 8.0 6.2 9.2

80 7.5 6.2 9.2



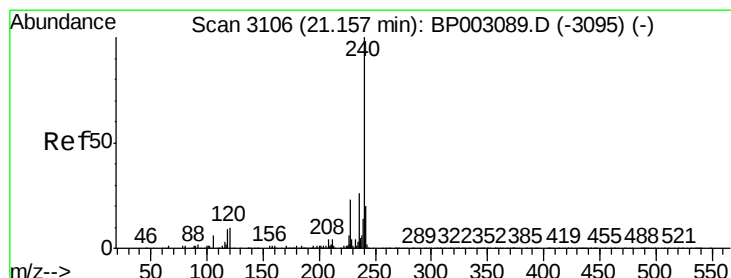
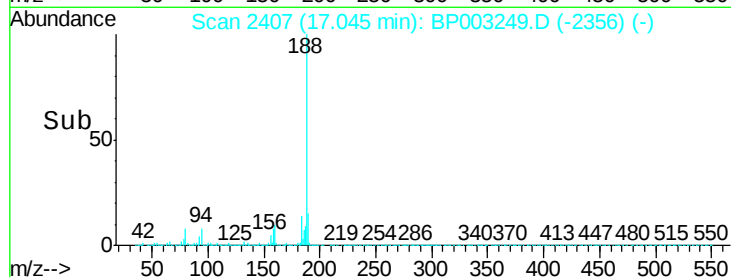
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BPO

Ion 80.00 (79.70 to 80.70): BPO

17.04

Time--> 16.90 17.00 17.10



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.14 min Scan# 3104

Delta R.T. -0.00 min

Lab File: BP003249.D

Acq: 10 Sep 2020 15:40

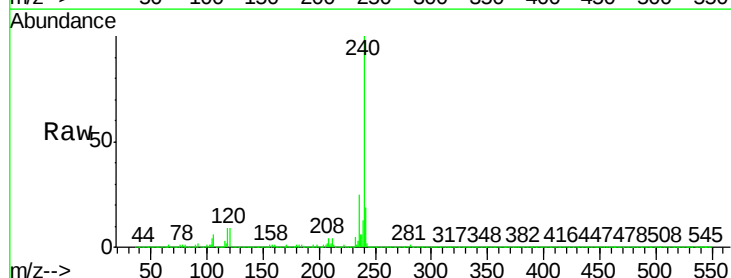
Tgt Ion:240 Resp: 934149

Ion	Ratio	Lower	Upper
240	100		
120	9.4	7.8	11.6
236	25.5	20.8	31.2

240 100

120 9.4 7.8 11.6

236 25.5 20.8 31.2



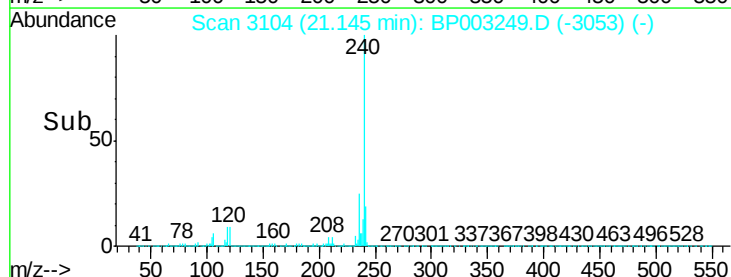
Abundance Ion 240.00 (239.70 to 240.70): E

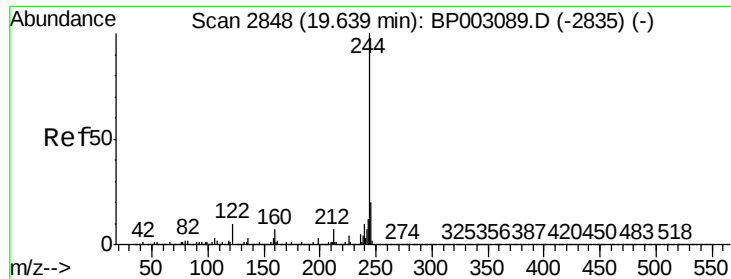
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

21.14

Time--> 21.00 21.10 21.20 21.30





#79

Terphenyl-d14

Concen: 81.279 ng

RT: 19.62 min Scan# 2845

Delta R.T. -0.00 min

Lab File: BP003249.D

Acq: 10 Sep 2020 15:40

Instrument :

BNA_P

ClientSampleId :

PB131525BL

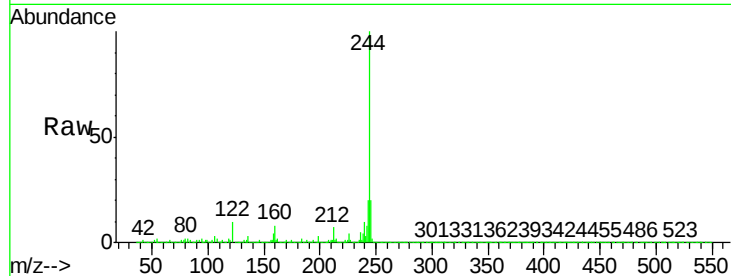
Tot Ion:244 Resp: 3450541

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.6

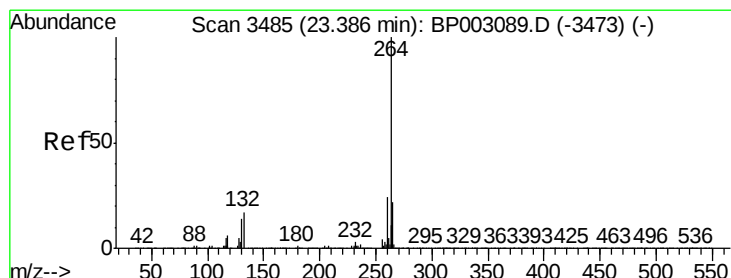
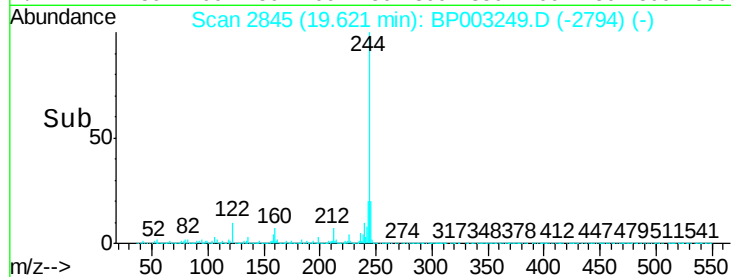
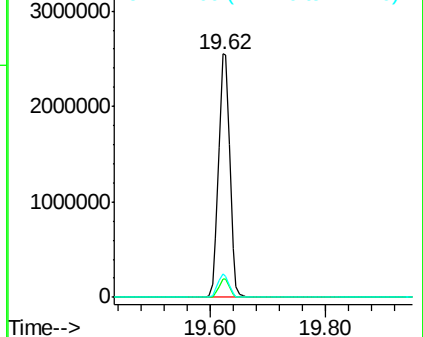
122 9.5 7.8 11.8



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: 23.38 min Scan# 3484

Delta R.T. 0.01 min

Lab File: BP003249.D

Acq: 10 Sep 2020 15:40

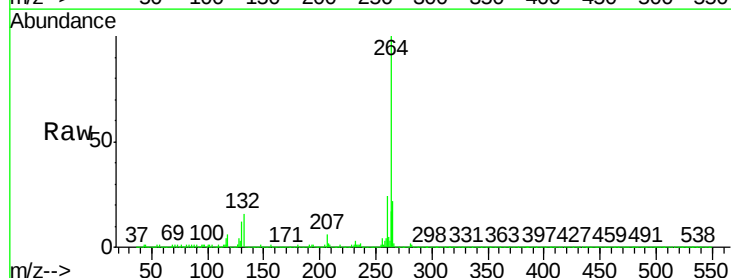
Tgt Ion:264 Resp: 896492

Ion Ratio Lower Upper

264 100

260 24.5 18.8 28.2

265 21.7 17.4 26.2



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

