

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081920\
 Data File : BP003041.D
 Acq On : 19 Aug 2020 20:03
 Operator : CG/JU
 Sample : PB131076BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB131076BL

Quant Time: Aug 20 01:42:41 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	283465	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	1149859	20.00	ng	-0.01
39) Acenaphthene-d10	14.32	164	674413	20.00	ng	-0.01
64) Phenanthrene-d10	17.07	188	1298018	20.00	ng	-0.01
76) Chrysene-d12	21.16	240	1547864	20.00	ng	-0.01
86) Perylene-d12	23.40	264	1629824	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1760635	95.06	ng	0.00
7) Phenol-d6	6.86	99	2025801	78.78	ng	-0.01
23) Nitrobenzene-d5	8.82	82	1179596	55.56	ng	-0.01
42) 2,4,6-Tribromophenol	15.81	330	823557	98.25	ng	-0.01
45) 2-Fluorobiphenyl	12.94	172	3261387	66.07	ng	-0.01
79) Terphenyl-d14	19.65	244	4175814	54.01	ng	-0.01

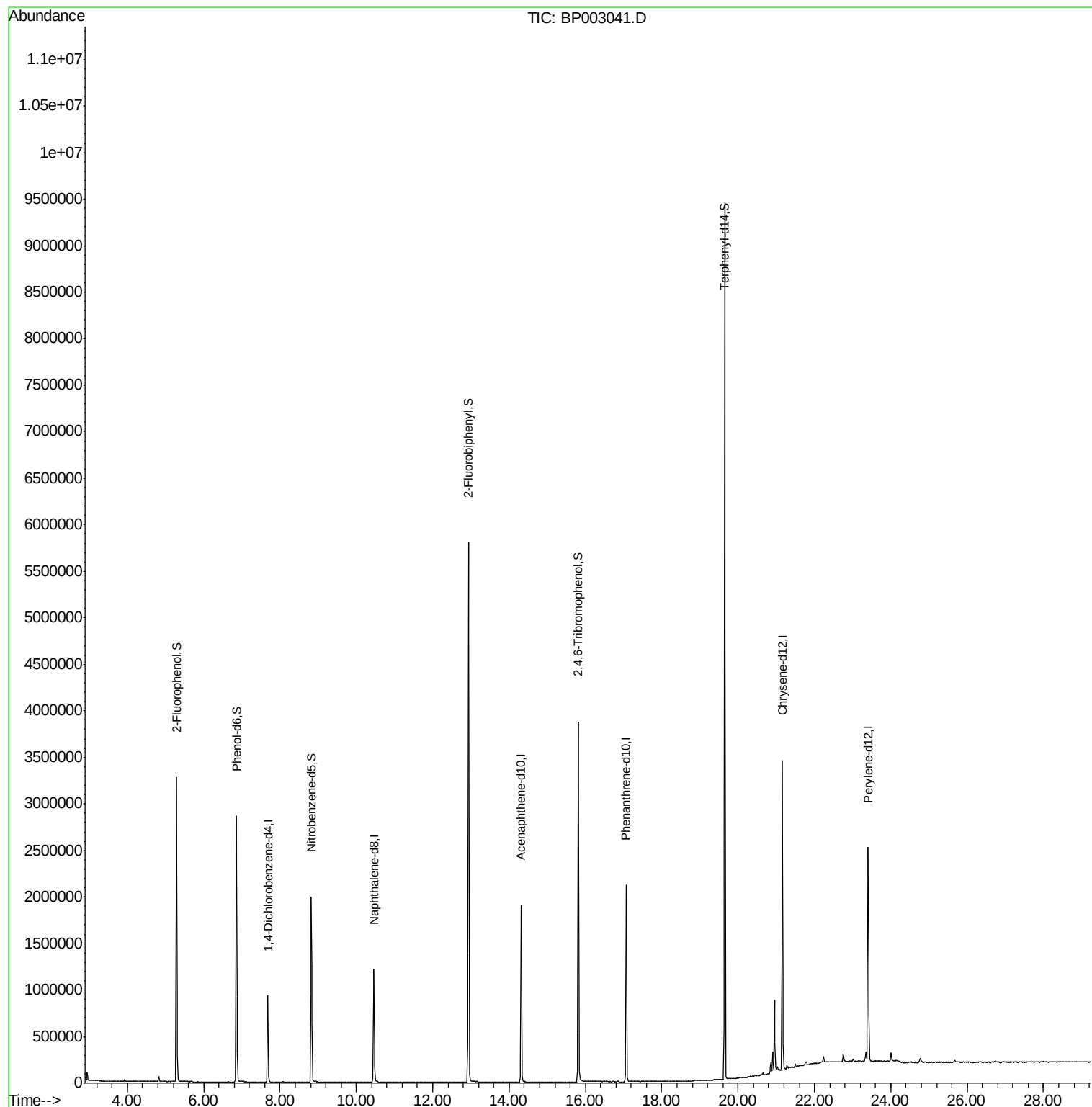
Target Compounds Qvalue

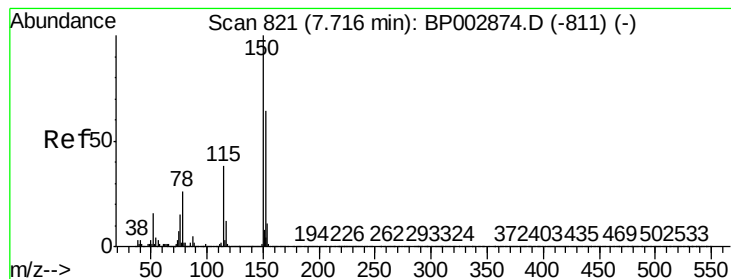
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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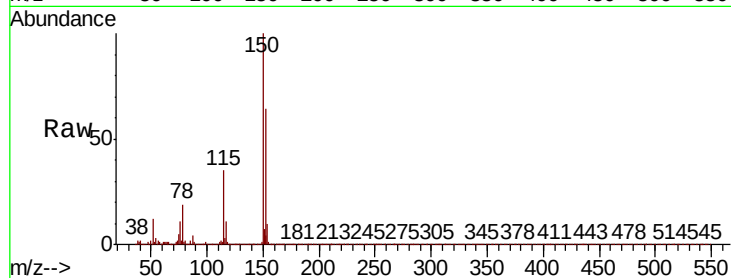


#1

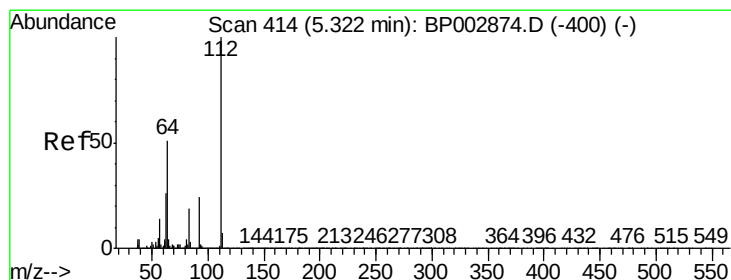
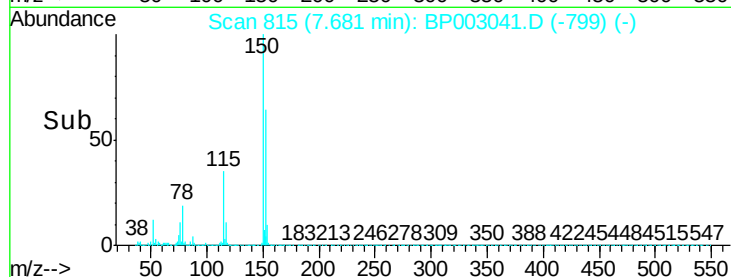
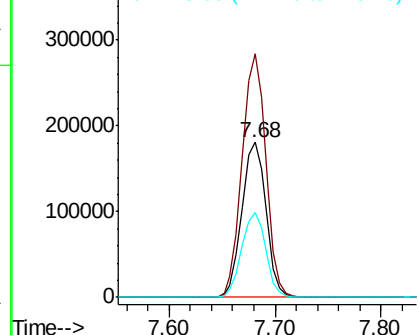
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.68 min Scan# 815
Delta R.T. -0.01 min
Lab File: BP003041.D
Acq: 19 Aug 2020 20:03

Instrument :
BNA_P
ClientSampleId :
PB131076BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	126.1	189.1
115	55.0	43.4	65.2



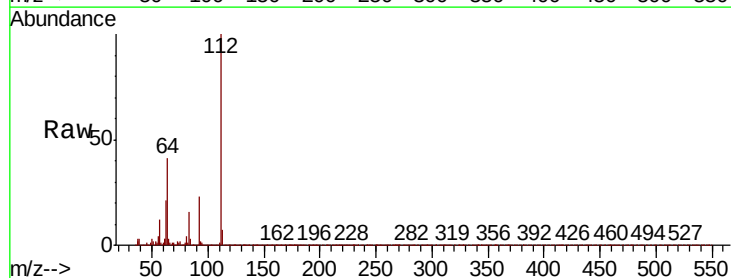
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



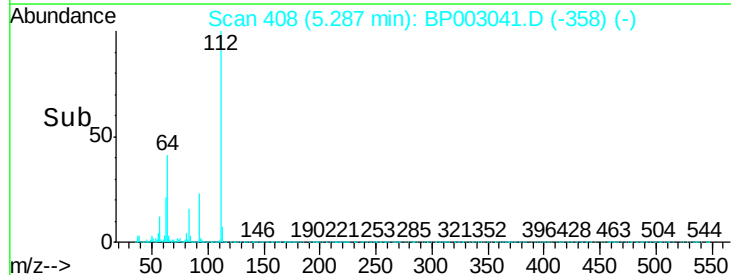
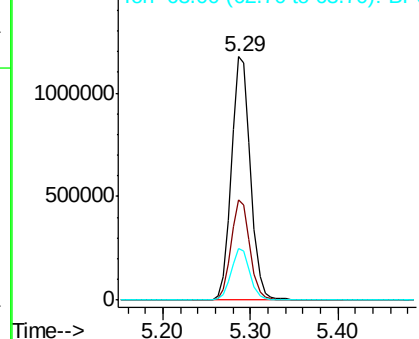
#5

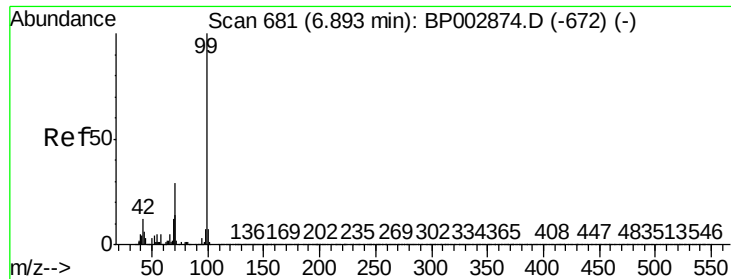
2-Fluorophenol
Concen: 95.061 ng
RT: 5.29 min Scan# 408
Delta R.T. -0.01 min
Lab File: BP003041.D
Acq: 19 Aug 2020 20:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	40.9	33.4	50.2
63	21.1	17.4	26.0



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: 78.781 ng

RT: 6.86 min Scan# 675

Delta R.T. -0.01 min

Lab File: BP003041.D

Acq: 19 Aug 2020 20:03

Instrument :

BNA_P

ClientSampleId :

PB131076BL

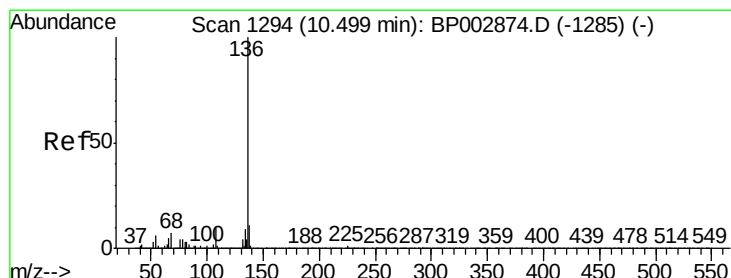
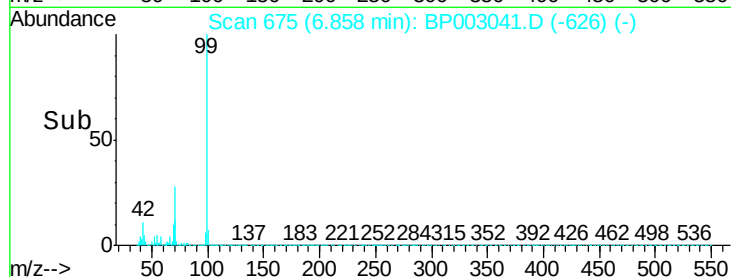
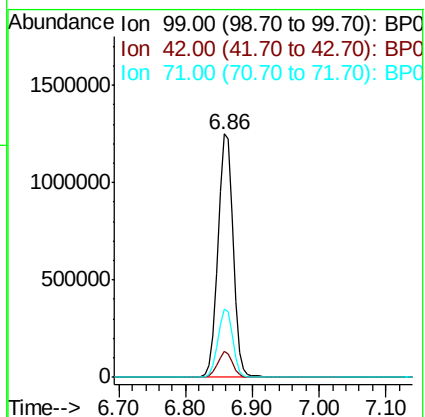
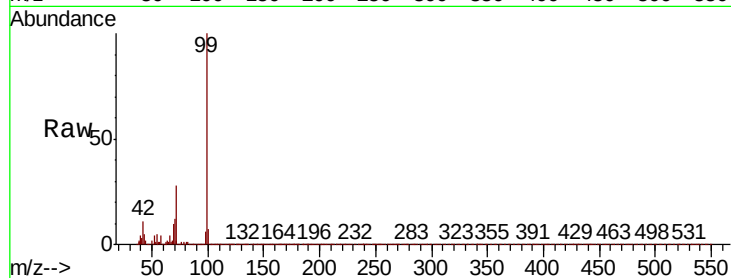
Tot Ion: 99 Resp: 2025801

Ion	Ratio	Lower	Upper
99	100		
42	10.6	8.0	12.0
71	28.0	21.3	31.9

99 100

42 10.6 8.0 12.0

71 28.0 21.3 31.9



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.46 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BP003041.D

Acq: 19 Aug 2020 20:03

Tgt Ion: 136 Resp: 1149859

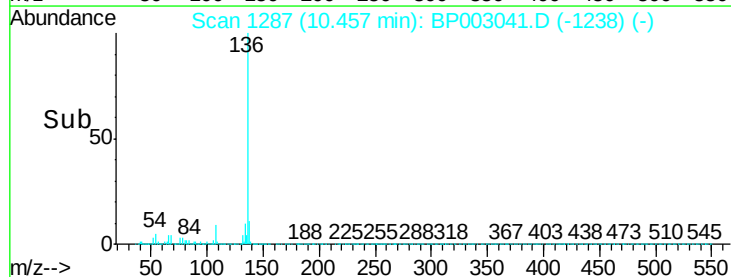
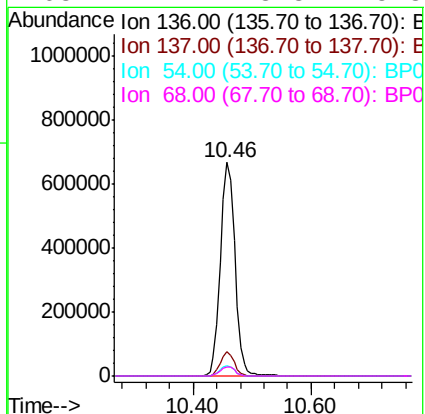
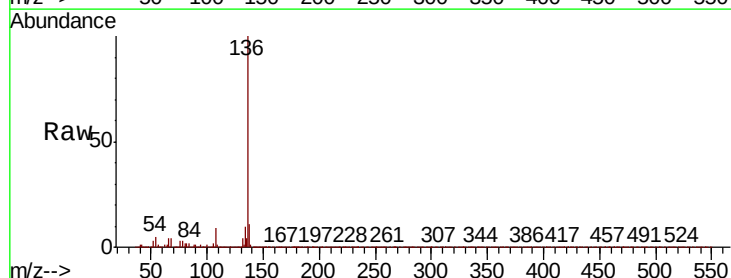
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	4.7	3.8	5.8
68	4.4	3.8	5.8

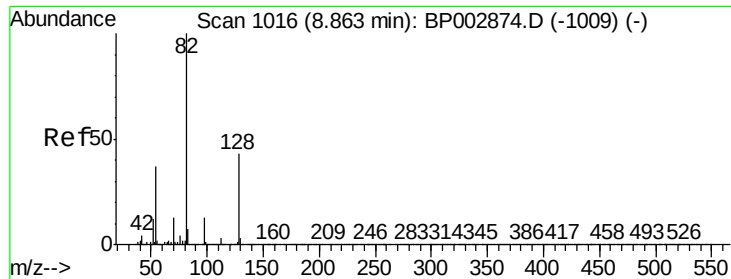
136 100

137 11.1 8.8 13.2

54 4.7 3.8 5.8

68 4.4 3.8 5.8

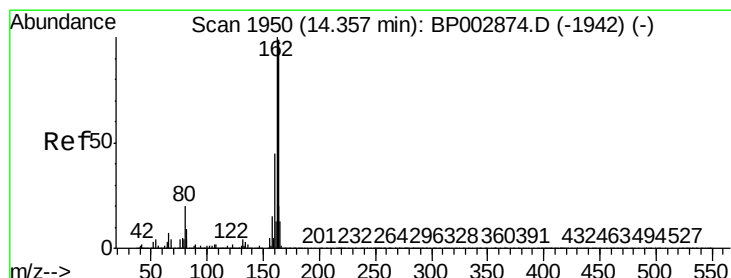
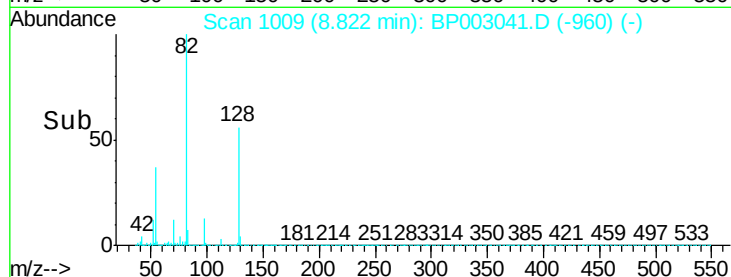
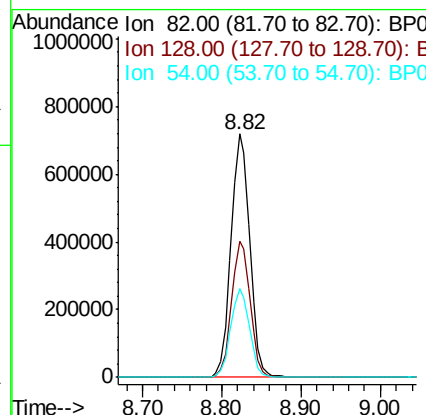
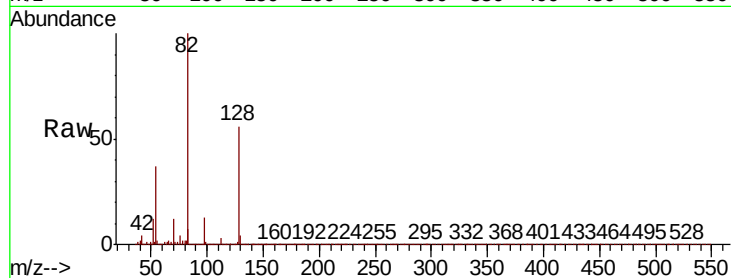




#23
 Nitrobenzene-d5
 Concen: 55.563 ng
 RT: 8.82 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BP003041.D
 Acq: 19 Aug 2020 20:03

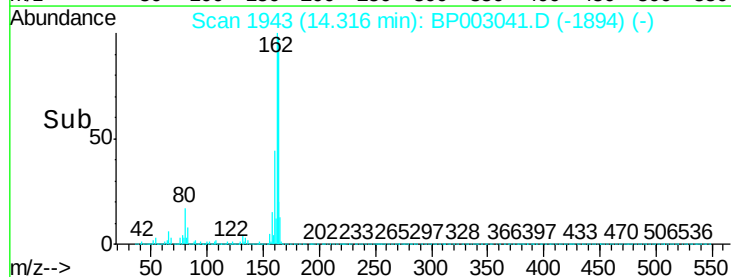
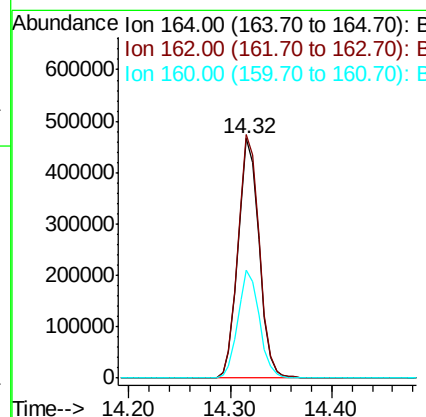
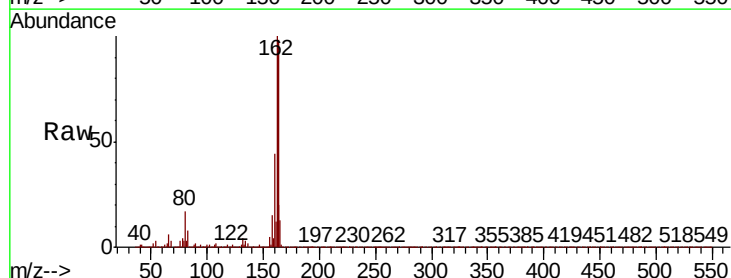
Instrument :
 BNA_P
 ClientSampleId :
 PB131076BL

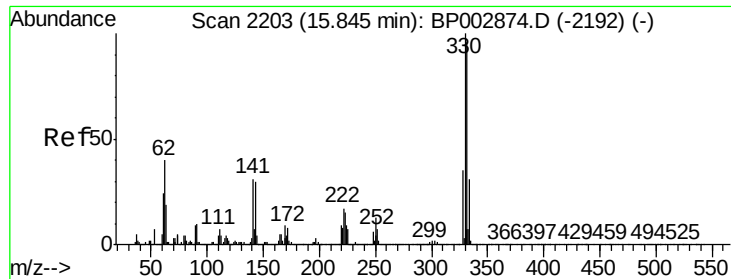
Tot Ion: 82 Resp: 1179596
 Ion Ratio Lower Upper
 82 100
 128 55.8 45.1 67.7
 54 36.5 28.8 43.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.32 min Scan# 1943
 Delta R.T. -0.01 min
 Lab File: BP003041.D
 Acq: 19 Aug 2020 20:03

Tgt Ion: 164 Resp: 674413
 Ion Ratio Lower Upper
 164 100
 162 101.6 81.4 122.0
 160 44.8 35.5 53.3

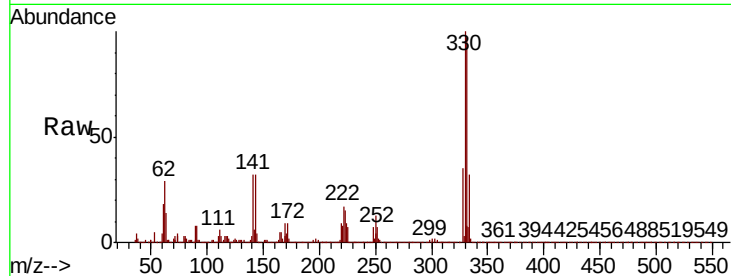




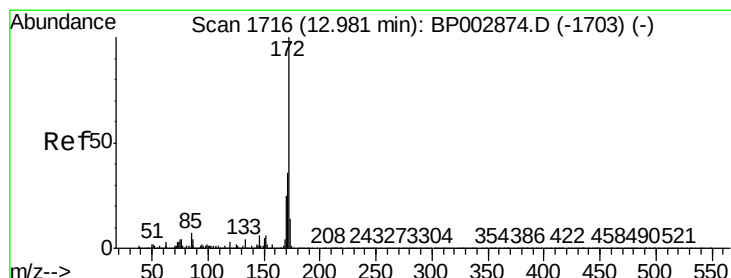
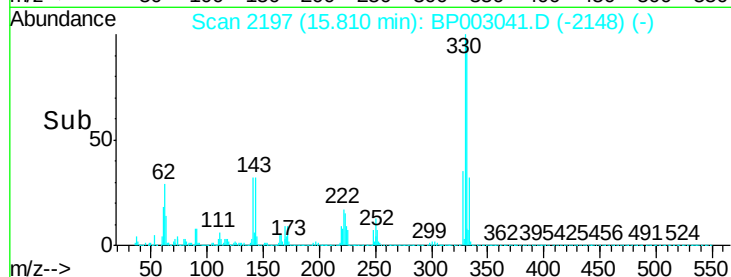
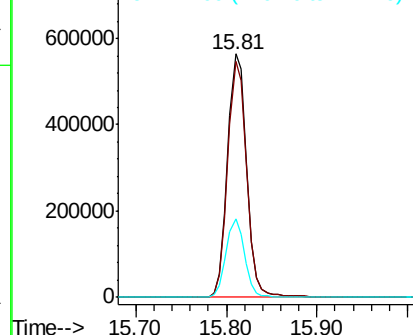
#42
2,4,6-Tribromophenol
Concen: 98.251 ng
RT: 15.81 min Scan# 2197
Delta R.T. -0.01 min
Lab File: BP003041.D
Acq: 19 Aug 2020 20:03

Instrument :
BNA_P
ClientSampleId :
PB131076BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	31.7	26.7	40.1

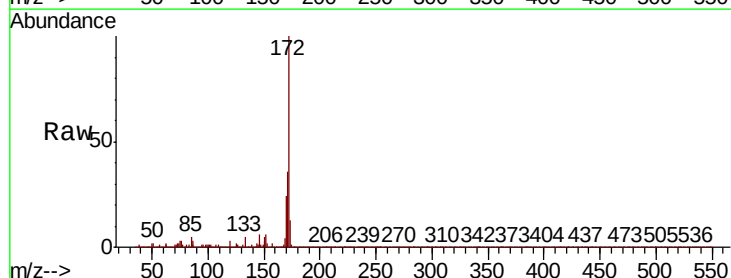


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

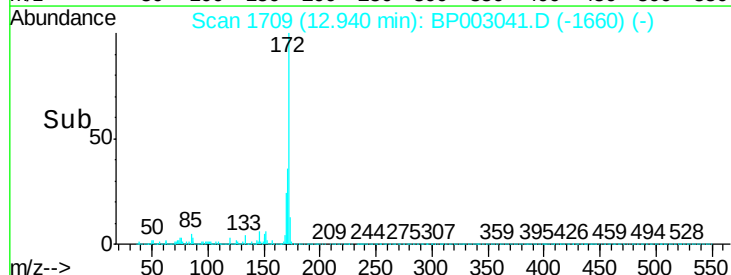
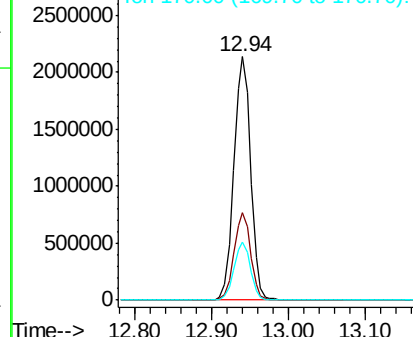


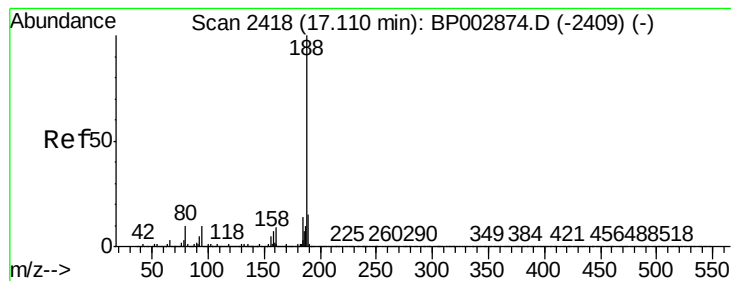
#45
2-Fluorobiphenyl
Concen: 66.073 ng
RT: 12.94 min Scan# 1709
Delta R.T. -0.01 min
Lab File: BP003041.D
Acq: 19 Aug 2020 20:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.0	43.4
170	23.7	19.1	28.7



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: 17.07 min Scan# 2411

Delta R.T. -0.01 min

Lab File: BP003041.D

Acq: 19 Aug 2020 20:03

Instrument :

BNA_P

ClientSampleId :

PB131076BL

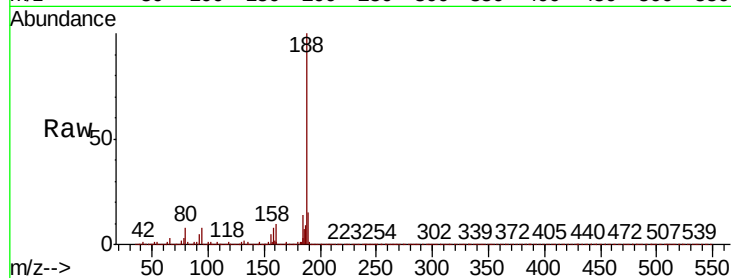
Tot Ion:188 Resp: 1298018

Ion Ratio Lower Upper

188 100

94 8.2 7.1 10.7

80 8.4 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

1200000

1000000

800000

600000

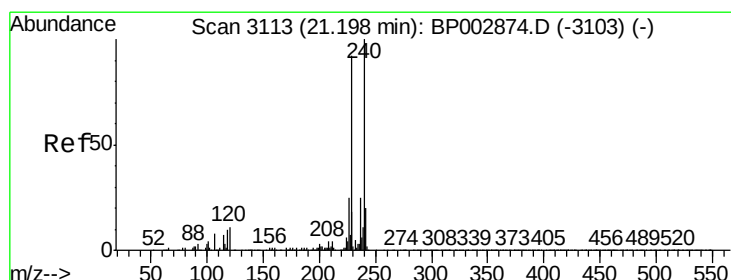
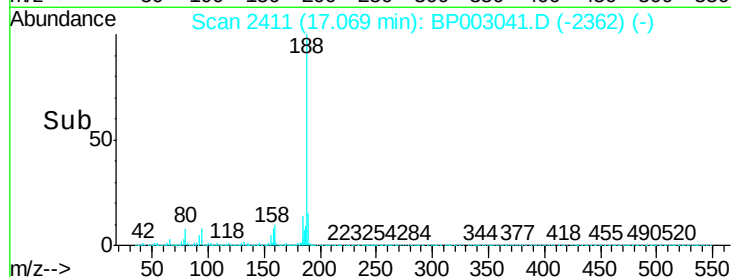
400000

200000

0

17.07

Time--> 16.90 17.00 17.10 17.20



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.16 min Scan# 3107

Delta R.T. -0.01 min

Lab File: BP003041.D

Acq: 19 Aug 2020 20:03

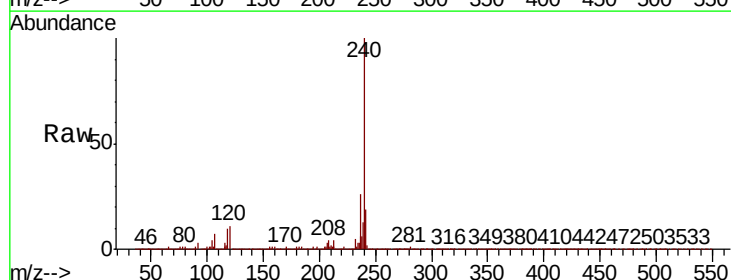
Tgt Ion:240 Resp: 1547864

Ion Ratio Lower Upper

240 100

120 11.3 9.5 14.3

236 25.9 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

1500000

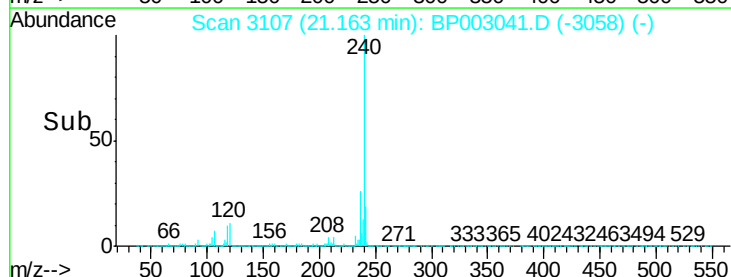
1000000

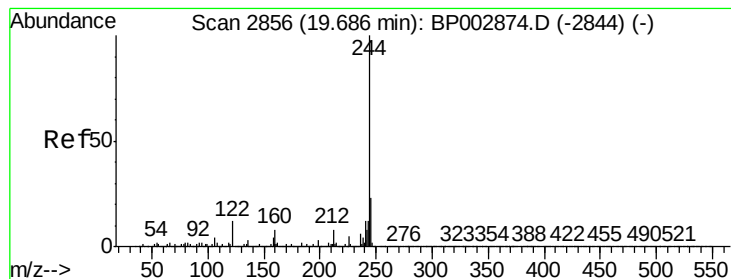
500000

0

21.16

Time--> 21.10 21.20 21.30





#79

Terphenyl-d14

Concen: 54.009 ng

RT: 19.65 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BP003041.D

Acq: 19 Aug 2020 20:03

Instrument :

BNA_P

ClientSampleId :

PB131076BL

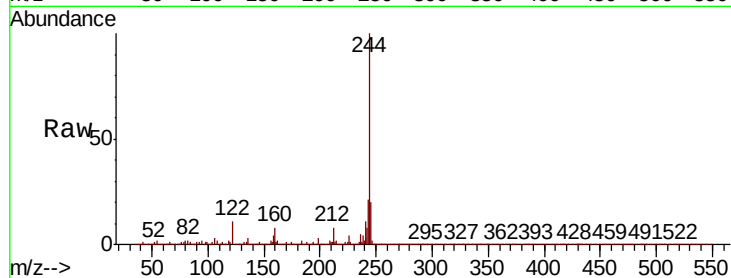
Tot Ion:244 Resp: 4175814

Ion Ratio Lower Upper

244 100

212 7.7 6.3 9.5

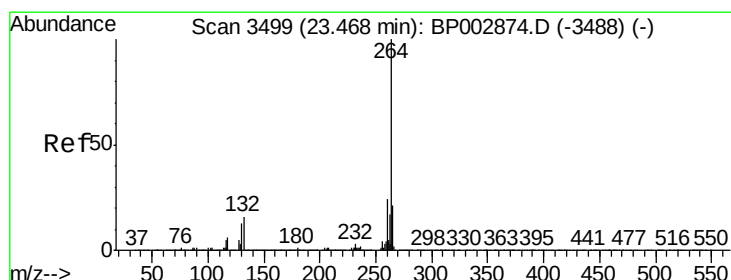
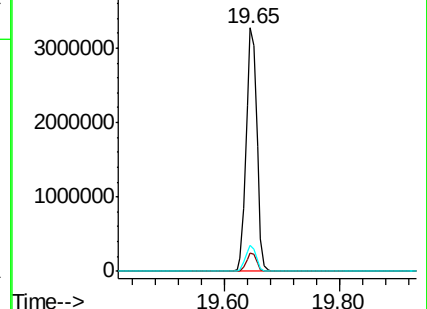
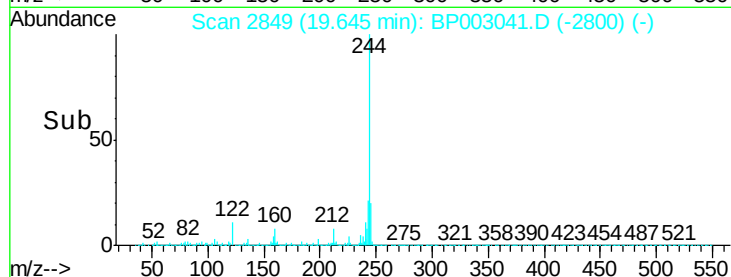
122 10.7 8.7 13.1



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: BP003041.D

Acq: 19 Aug 2020 20:03

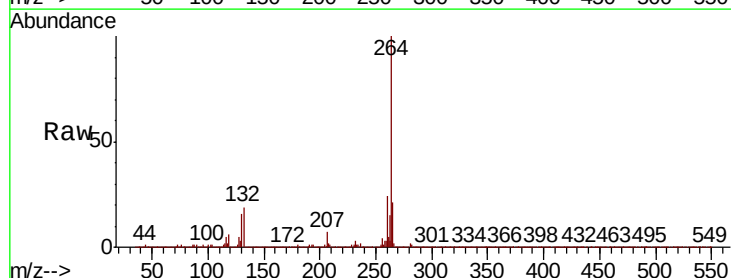
Tgt Ion:264 Resp: 1629824

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

