

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090420\
 Data File : BP003208.D
 Acq On : 04 Sep 2020 13:10
 Operator : CG/JU
 Sample : L3888-14 2X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 9-2-TP-4

Quant Time: Sep 04 16:01:19 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	17548	20.00	ng	0.00
21) Naphthalene-d8	10.43	136	80226	20.00	ng	0.00
39) Acenaphthene-d10	14.29	164	59126	20.00	ng	0.00
64) Phenanthrene-d10	17.05	188	197465	20.00	ng	0.00
76) Chrysene-d12	21.14	240	732864	20.00	ng	0.00
86) Perylene-d12	23.37	264	1134599	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	46060	46.41	ng	0.00
7) Phenol-d6	6.83	99	60733	48.81	ng	0.00
23) Nitrobenzene-d5	8.79	82	31066	27.92	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	45558	56.97	ng	0.00
45) 2-Fluorobiphenyl	12.91	172	83442	20.67	ng	0.00
79) Terphenyl-d14	19.62	244	382136	11.47	ng	0.00

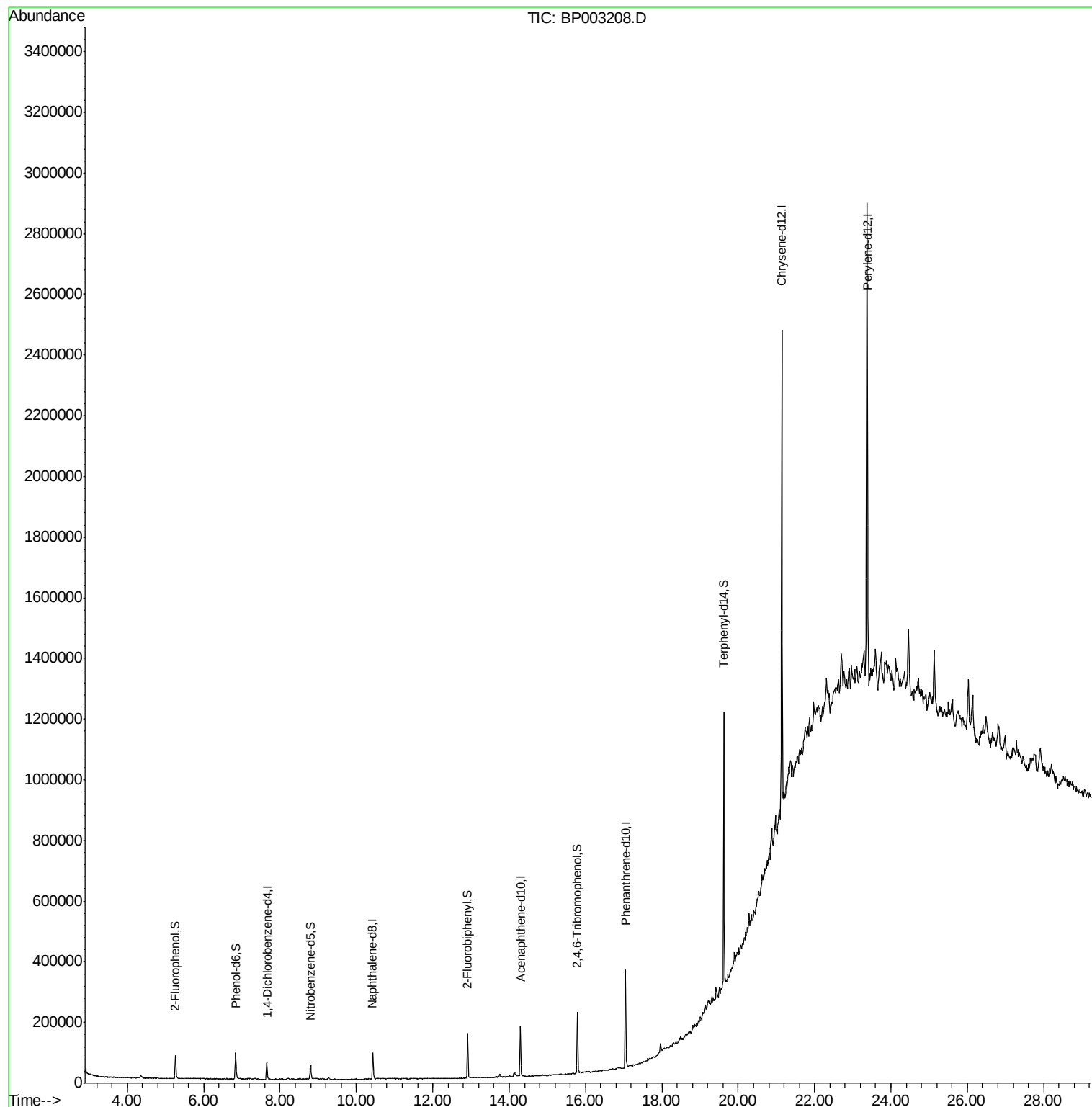
Target Compounds Qvalue

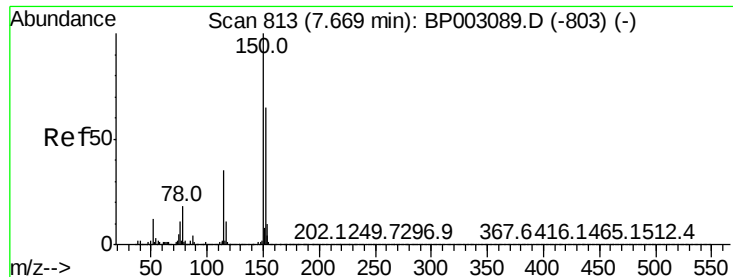
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.65 min Scan# 810

Delta R.T. -0.00 min

Lab File: BP003208.D

Acq: 04 Sep 2020 13:10

Instrument :

BNA_P

ClientSampleId :

9-2-TP-4

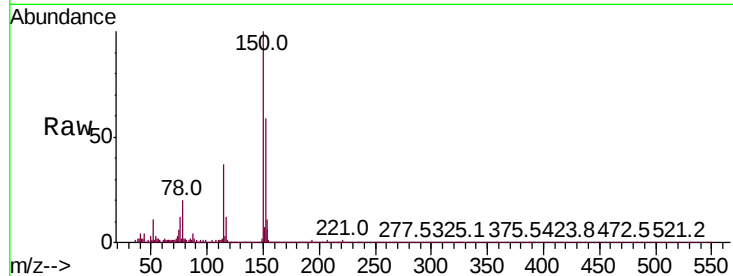
Tot Ion:152 Resp: 17548

Ion Ratio Lower Upper

152 100

150 168.1 123.8 185.6

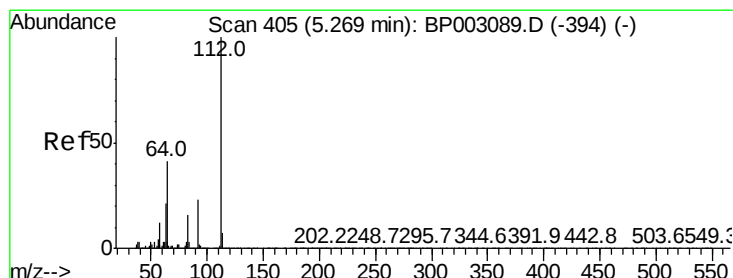
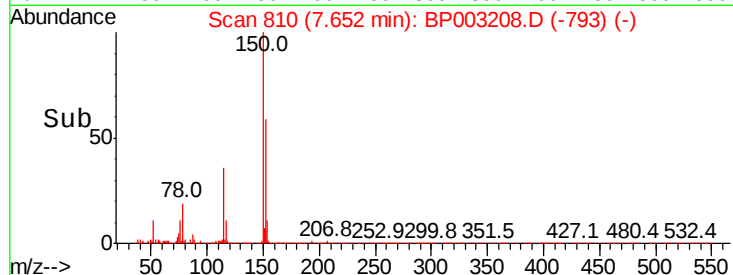
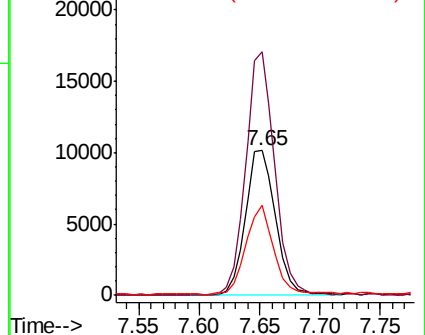
115 62.2 43.8 65.6



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: 46.407 ng

RT: 5.26 min Scan# 403

Delta R.T. -0.01 min

Lab File: BP003208.D

Acq: 04 Sep 2020 13:10

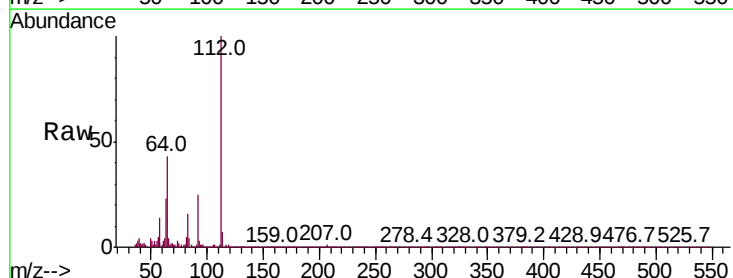
Tgt Ion:112 Resp: 46060

Ion Ratio Lower Upper

112 100

64 43.1 32.8 49.2

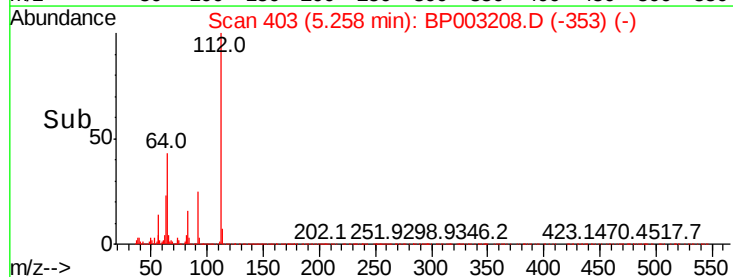
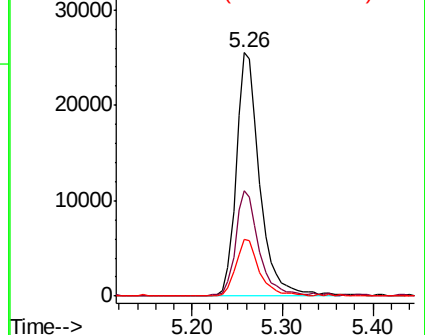
63 23.2 17.0 25.4

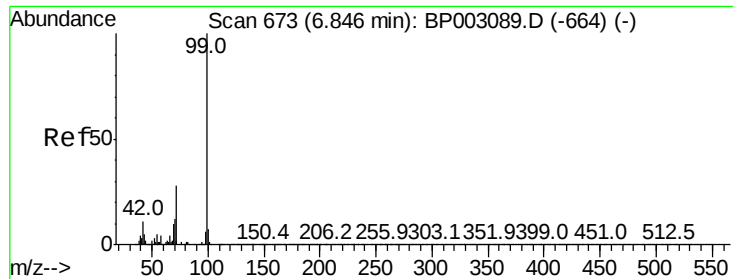


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 48.813 ng

RT: 6.83 min Scan# 671

Delta R.T. -0.00 min

Lab File: BP003208.D

Acq: 04 Sep 2020 13:10

Instrument :

BNA_P

ClientSampleId :

9-2-TP-4

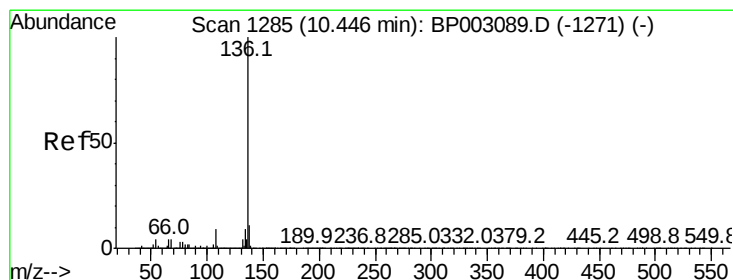
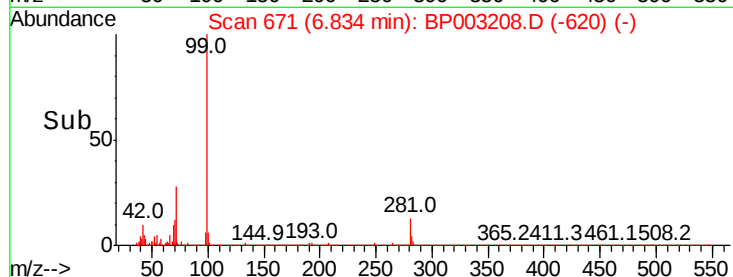
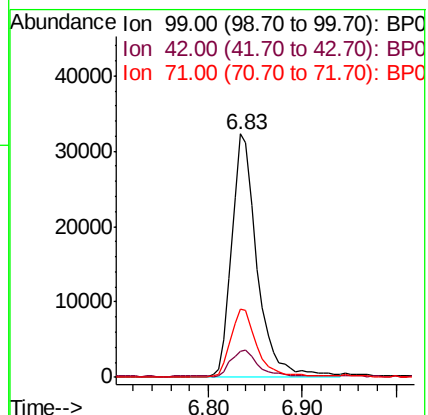
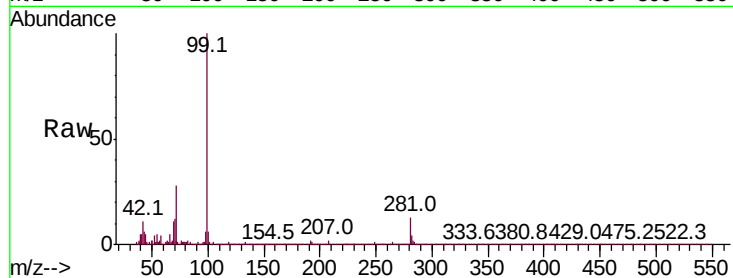
Tot Ion: 99 Resp: 60733

Ion Ratio Lower Upper

99 100

42 10.7 8.6 13.0

71 28.2 23.4 35.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.43 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BP003208.D

Acq: 04 Sep 2020 13:10

Tgt Ion: 136 Resp: 80226

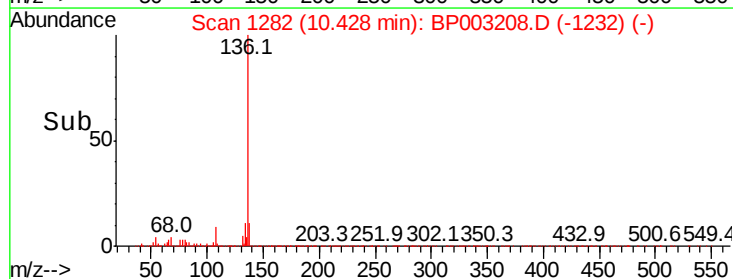
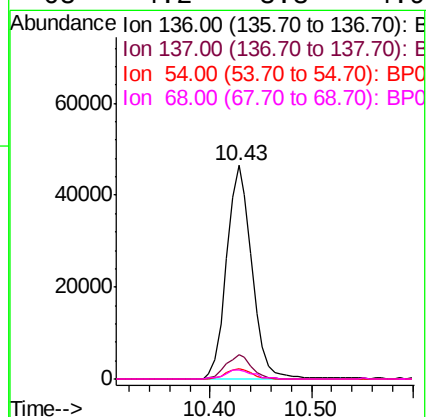
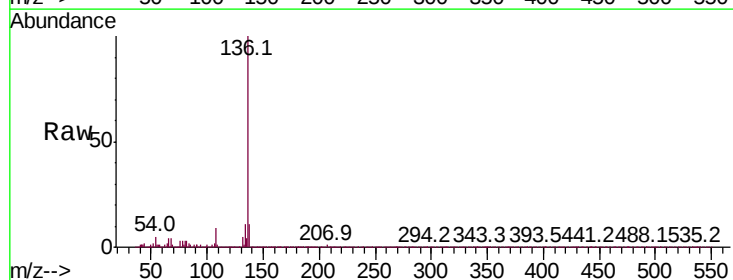
Ion Ratio Lower Upper

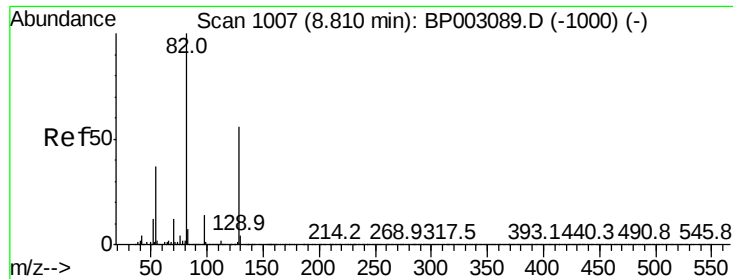
136 100

137 11.3 8.6 13.0

54 4.6 3.6 5.4

68 4.2 3.3 4.9

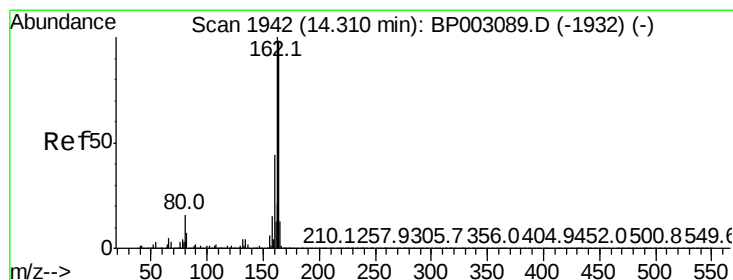
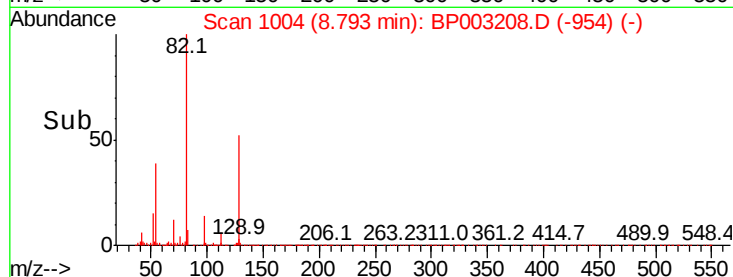
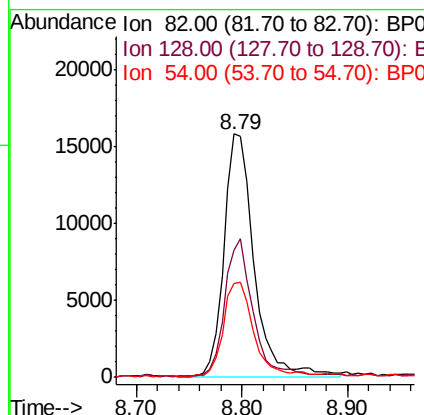
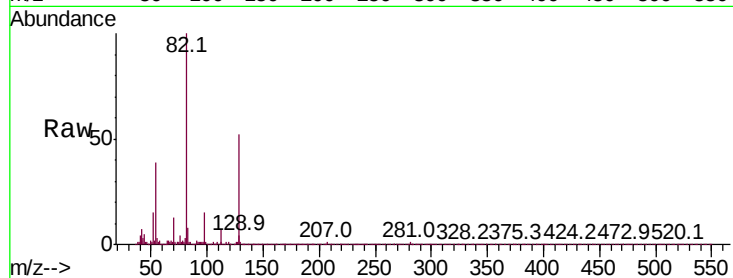




#23
Nitrobenzene-d5
Concen: 27.916 ng
RT: 8.79 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BP003208.D
Acq: 04 Sep 2020 13:10

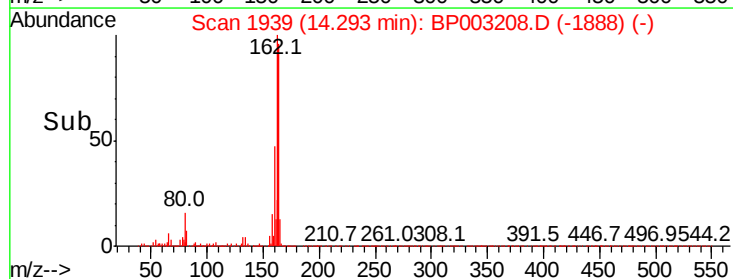
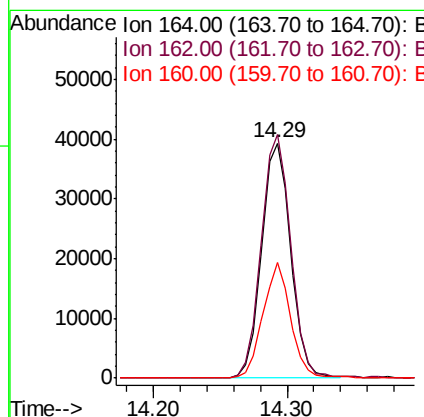
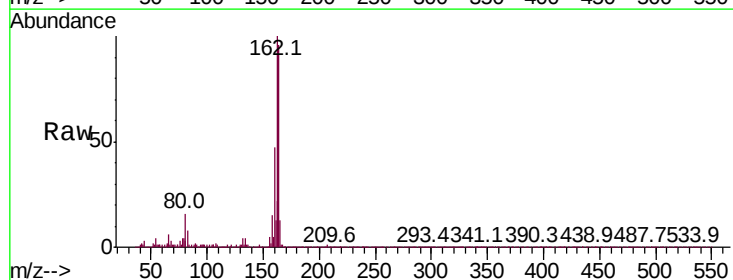
Instrument :
BNA_P
ClientSampleId :
9-2-TP-4

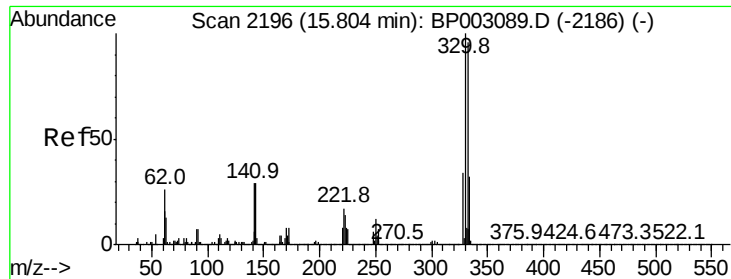
Tot Ion: 82 Resp: 31066
Ion Ratio Lower Upper
82 100
128 52.4 45.6 68.4
54 38.8 30.1 45.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.29 min Scan# 1939
Delta R.T. -0.00 min
Lab File: BP003208.D
Acq: 04 Sep 2020 13:10

Tgt Ion: 164 Resp: 59126
Ion Ratio Lower Upper
164 100
162 103.7 79.4 119.2
160 49.0 36.1 54.1

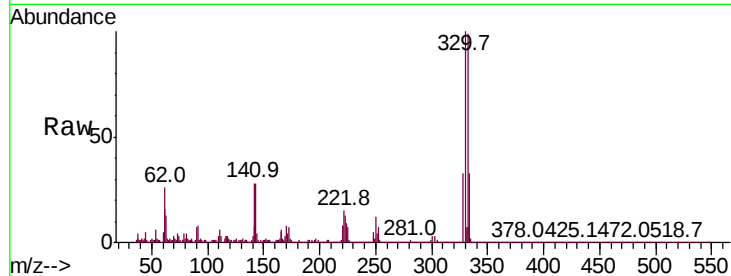




#42
 2,4,6-Tribromophenol
 Concen: 56.971 ng
 RT: 15.79 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: BP003208.D
 Acq: 04 Sep 2020 13:10

Instrument :
 BNA_P
 ClientSampleId :
 9-2-TP-4

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.2	77.1	115.7
141	32.0	23.4	35.2

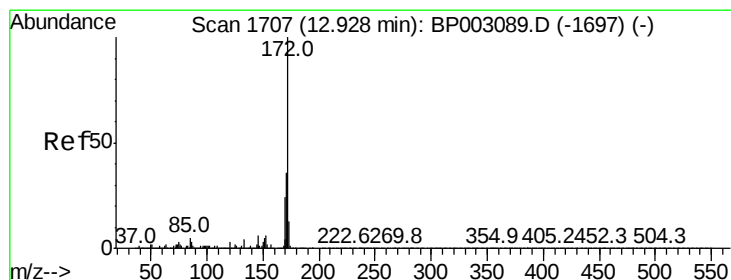
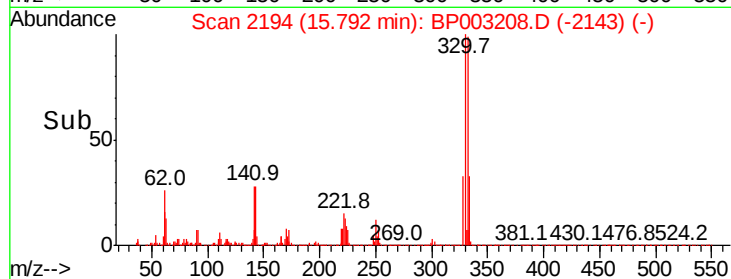
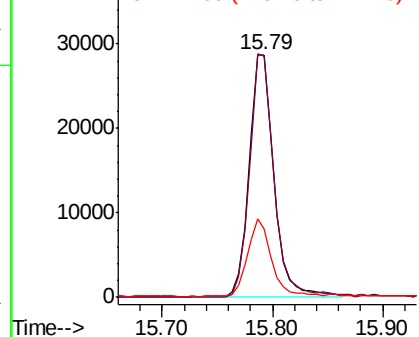


Abundance

Ion 329.80 (329.50 to 330.50): E

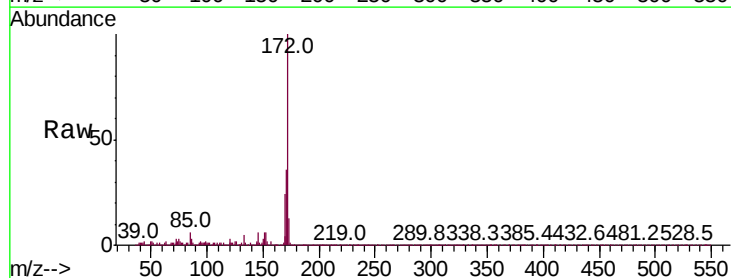
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 20.667 ng
 RT: 12.91 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BP003208.D
 Acq: 04 Sep 2020 13:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.5	42.7
170	23.5	19.2	28.8

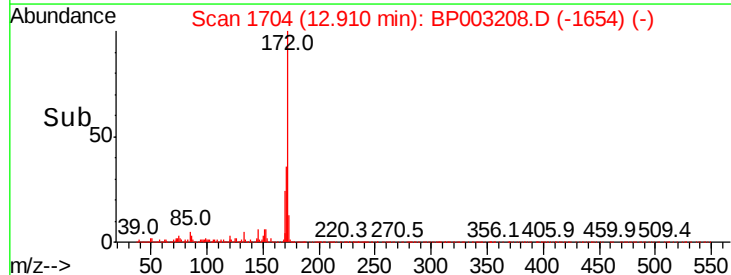
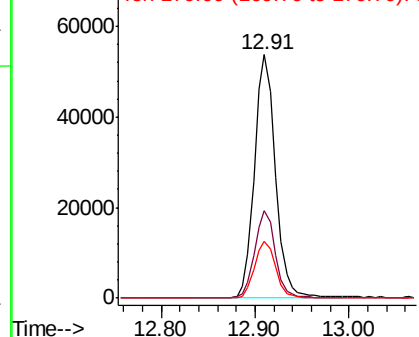


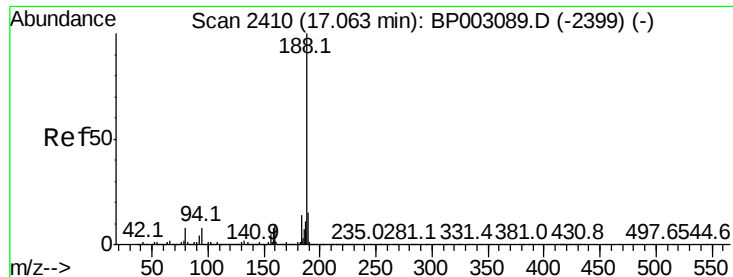
Abundance

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: 17.05 min Scan# 2407

Delta R.T. -0.00 min

Lab File: BP003208.D

Acq: 04 Sep 2020 13:10

Instrument :

BNA_P

ClientSampleId :

9-2-TP-4

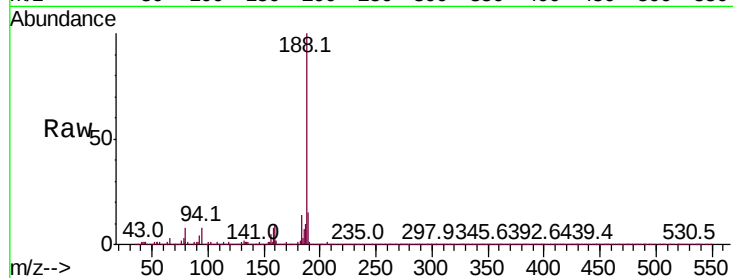
Tot Ion:188 Resp: 197465

Ion Ratio Lower Upper

188 100

94 7.9 6.2 9.2

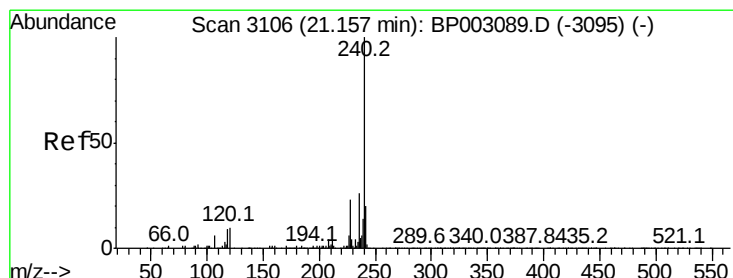
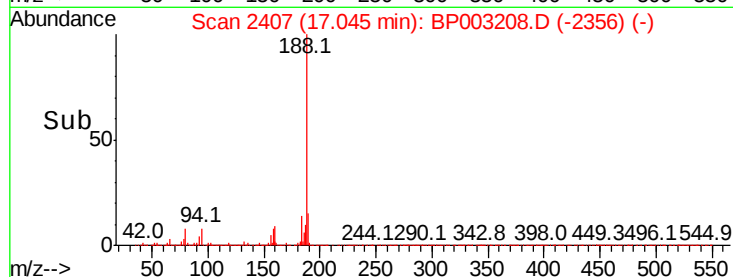
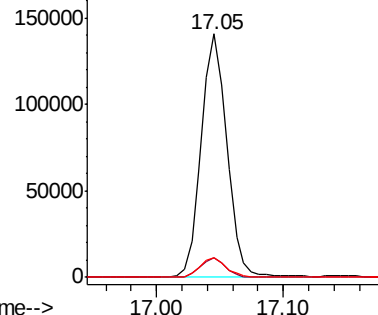
80 8.1 6.2 9.2



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: 21.14 min Scan# 3103

Delta R.T. -0.01 min

Lab File: BP003208.D

Acq: 04 Sep 2020 13:10

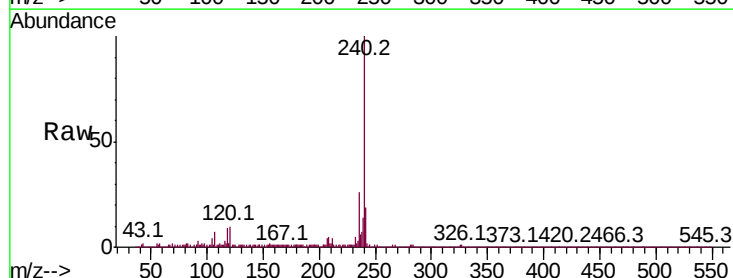
Tgt Ion:240 Resp: 732864

Ion Ratio Lower Upper

240 100

120 10.1 7.8 11.6

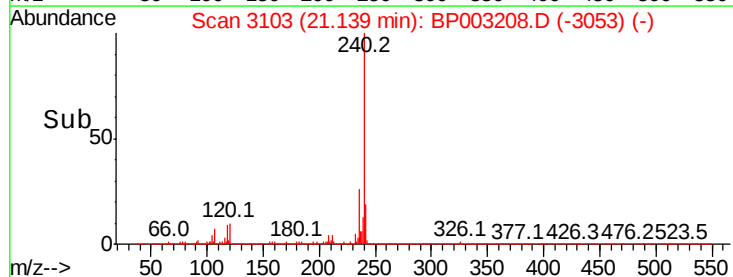
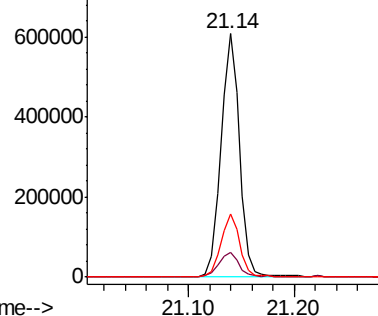
236 26.0 20.8 31.2

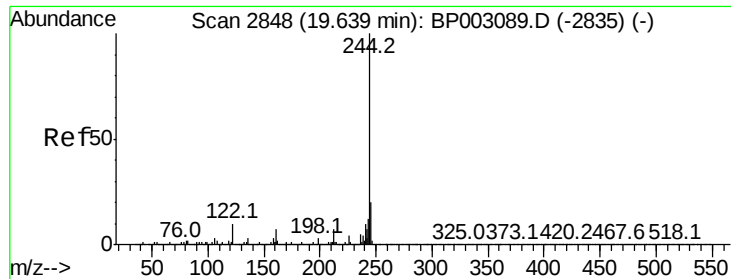


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 11.474 ng

RT: 19.62 min Scan# 2845

Delta R.T. -0.00 min

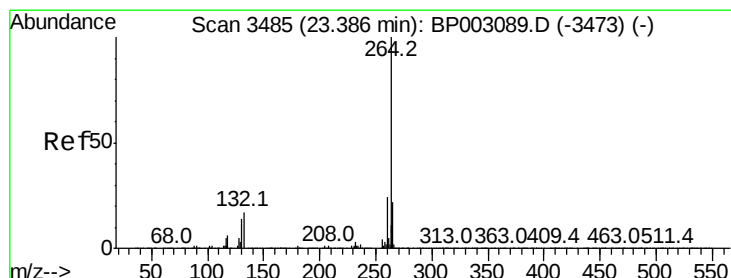
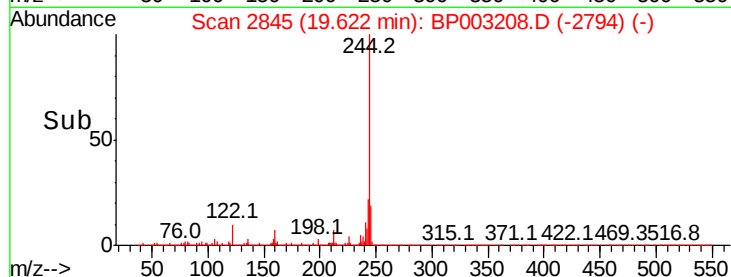
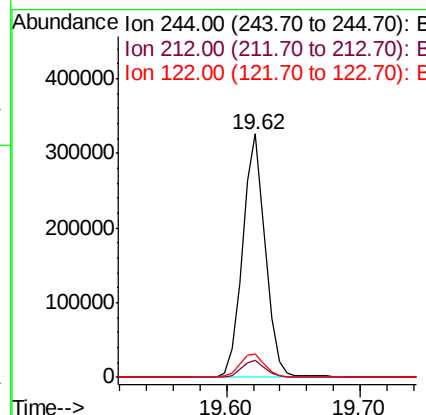
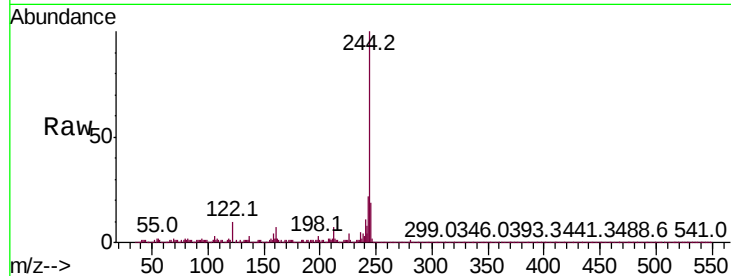
Lab File: BP003208.D

Acq: 04 Sep 2020 13:10

Instrument :
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9-2-TP-4

Tot Ion:244 Resp: 382136

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.6
122	9.7	7.8	11.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.37 min Scan# 3483

Delta R.T. 0.01 min

Lab File: BP003208.D

Acq: 04 Sep 2020 13:10

Tgt Ion:264 Resp: 1134599

Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.8	28.2
265	22.3	17.4	26.2

