

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090120\
 Data File : BP003176.D
 Acq On : 01 Sep 2020 20:23
 Operator : CG/JU
 Sample : L3852-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 206

Quant Time: Sep 02 04:38:13 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	141425	20.00	ng	0.00
21) Naphthalene-d8	10.43	136	559745	20.00	ng	0.00
39) Acenaphthene-d10	14.29	164	348918	20.00	ng	0.00
64) Phenanthrene-d10	17.05	188	791736	20.00	ng	0.00
76) Chrysene-d12	21.14	240	1028966	20.00	ng	0.00
86) Perylene-d12	23.37	264	1289487	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	876878	109.62	ng	0.00
7) Phenol-d6	6.83	99	921999	91.95	ng	0.00
23) Nitrobenzene-d5	8.80	82	689326	88.78	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	622887	131.99	ng	0.00
45) 2-Fluorobiphenyl	12.91	172	1987308	83.41	ng	0.00
79) Terphenyl-d14	19.62	244	3497721	74.80	ng	0.00

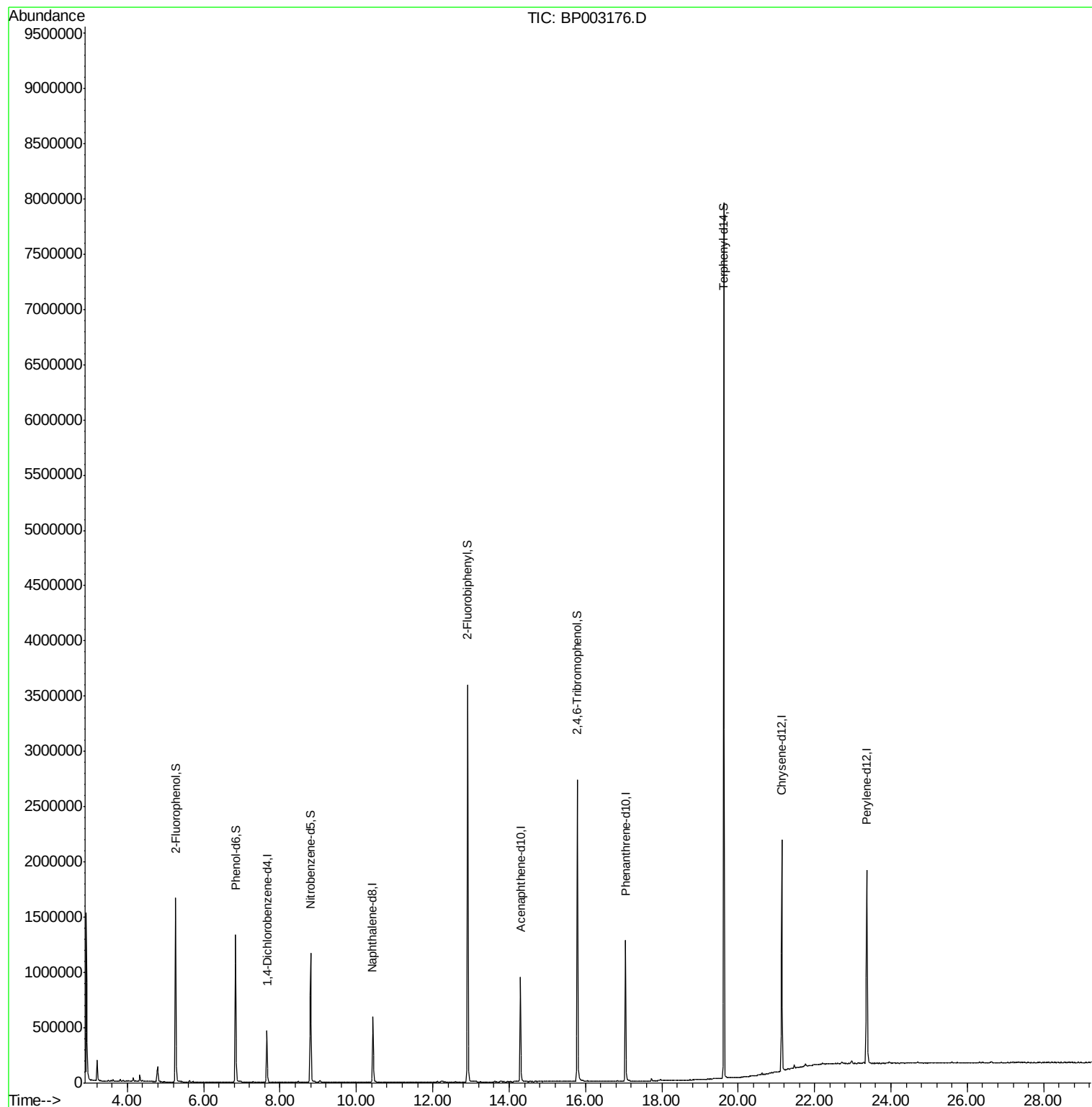
Target Compounds Qvalue

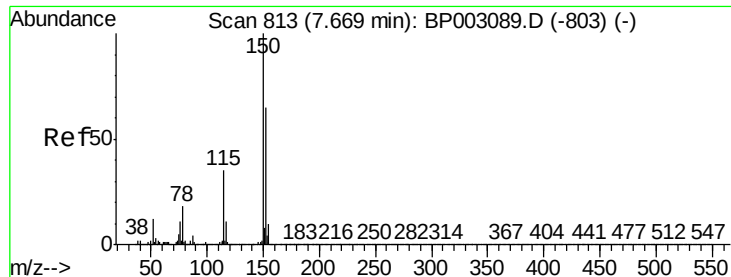
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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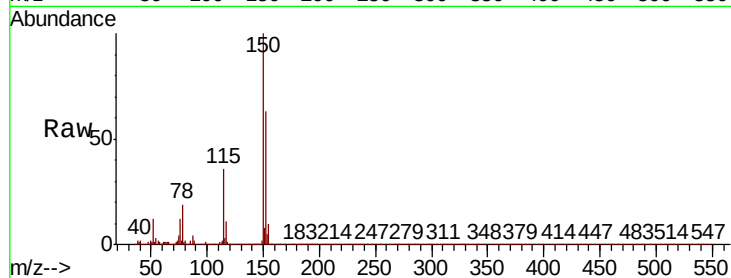


#1

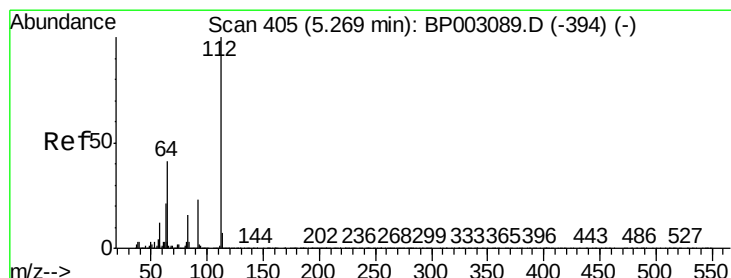
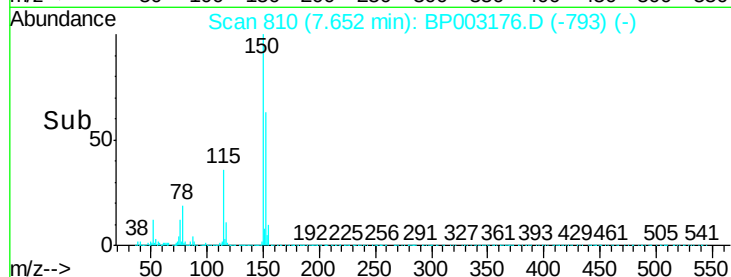
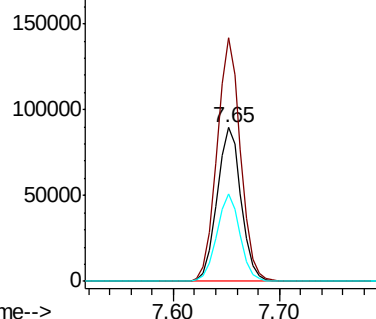
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 810
Delta R.T. -0.00 min
Lab File: BP003176.D
Acq: 01 Sep 2020 20:23

Instrument :
BNA_P
ClientSampleId :
206

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	123.8	185.6
115	56.6	43.8	65.6



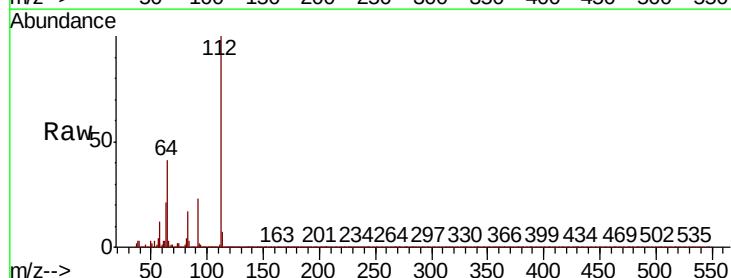
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



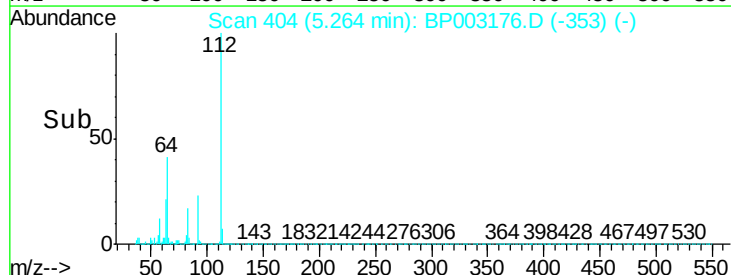
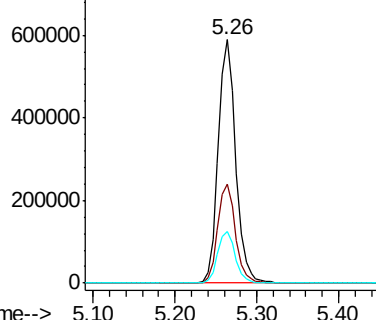
#5

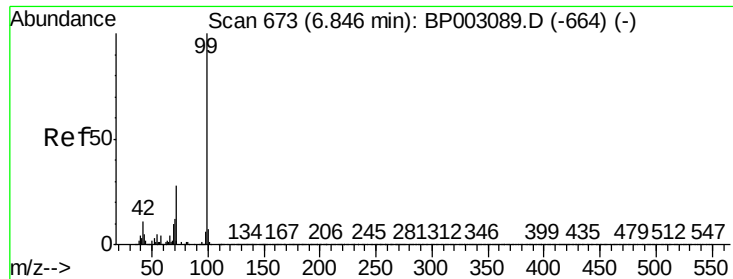
2-Fluorophenol
Concen: 109.623 ng
RT: 5.26 min Scan# 404
Delta R.T. -0.00 min
Lab File: BP003176.D
Acq: 01 Sep 2020 20:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	40.6	32.8	49.2
63	21.2	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: 91.948 ng

RT: 6.83 min Scan# 671

Delta R.T. -0.00 min

Lab File: BP003176.D

Acq: 01 Sep 2020 20:23

Instrument :

BNA_P

ClientSampleId :

206

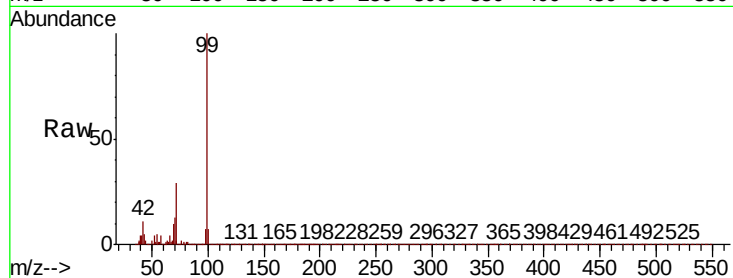
Tot Ion: 99 Resp: 921999

Ion Ratio Lower Upper

99 100

42 11.2 8.6 13.0

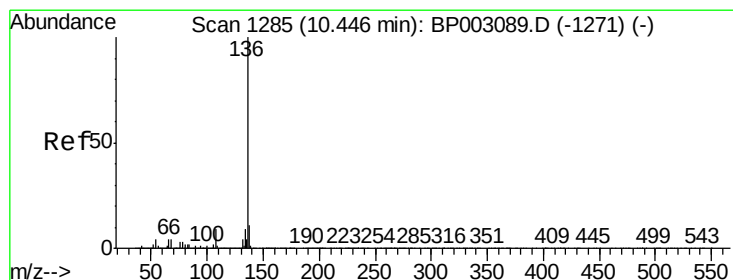
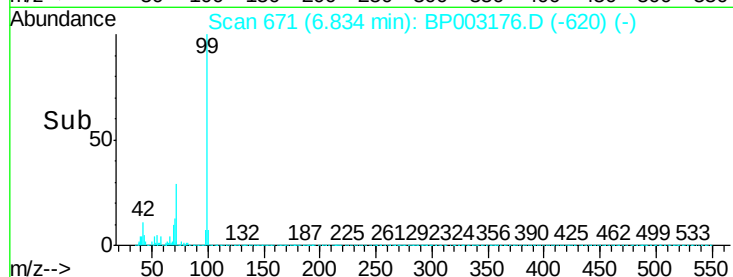
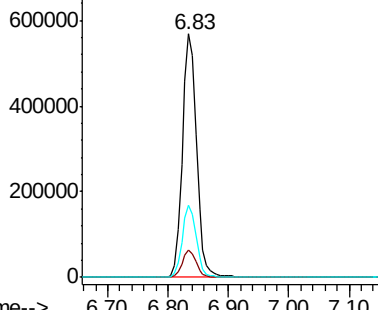
71 29.4 23.4 35.2



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: BP003176.D

Acq: 01 Sep 2020 20:23

Tgt Ion: 136 Resp: 559745

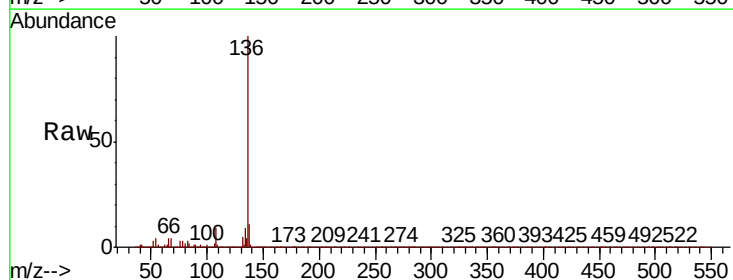
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 4.5 3.6 5.4

68 4.2 3.3 4.9

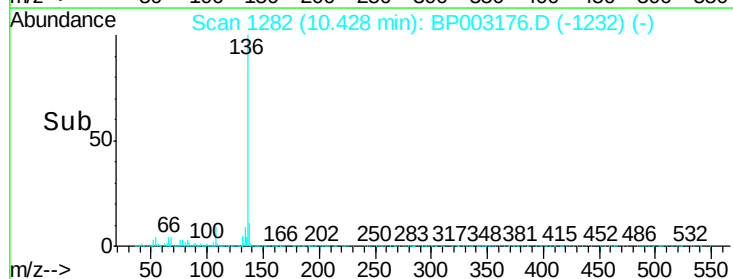
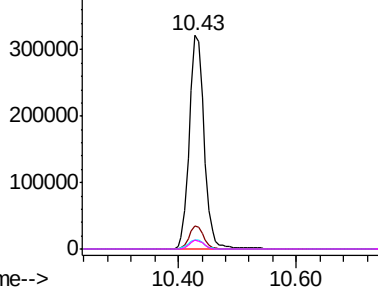


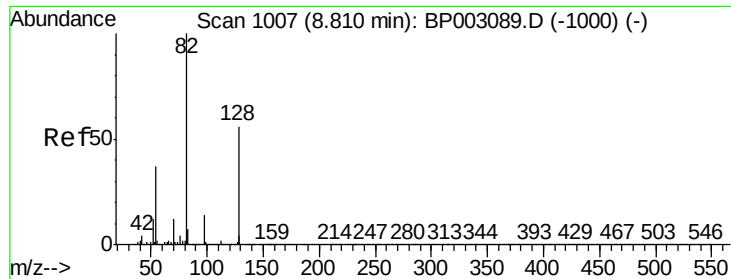
Abundance Ion 136.00 (135.70 to 136.70): E

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

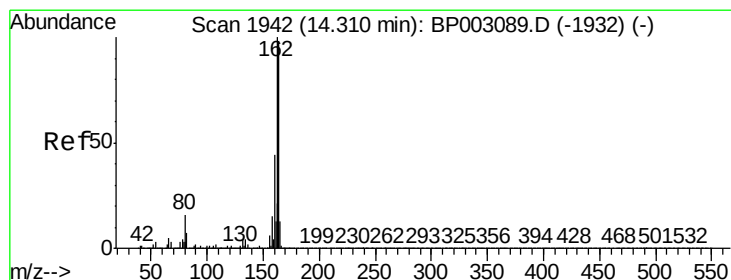
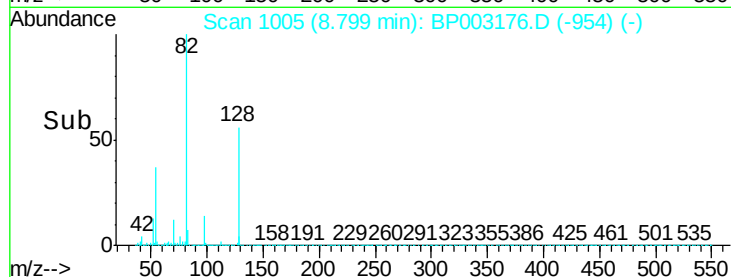
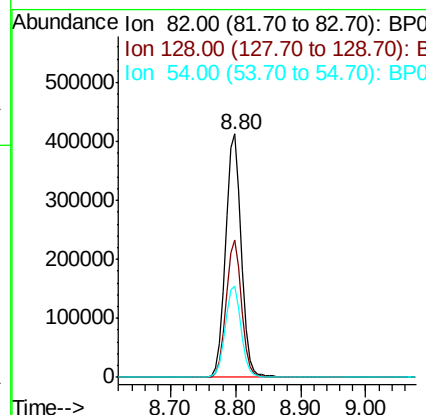
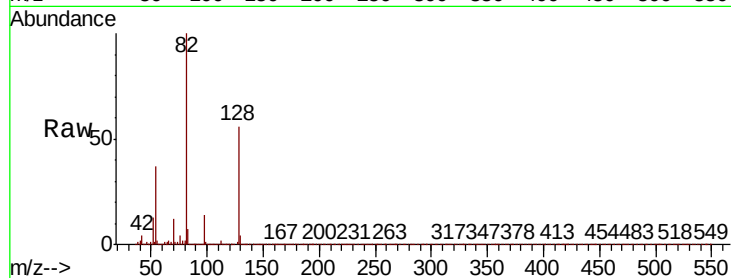




#23
 Nitrobenzene-d5
 Concen: 88.780 ng
 RT: 8.80 min Scan# 1005
 Delta R.T. -0.00 min
 Lab File: BP003176.D
 Acq: 01 Sep 2020 20:23

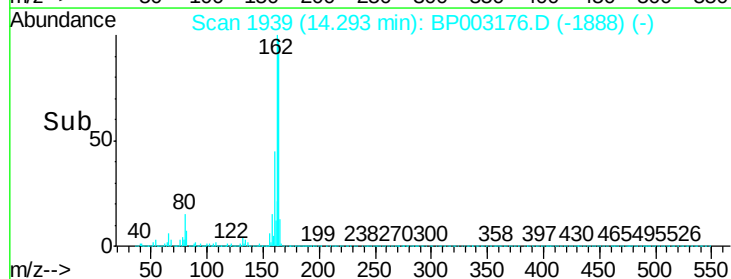
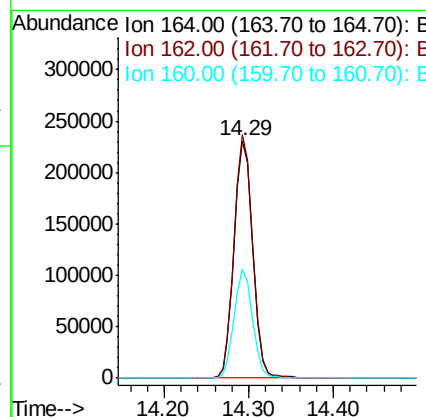
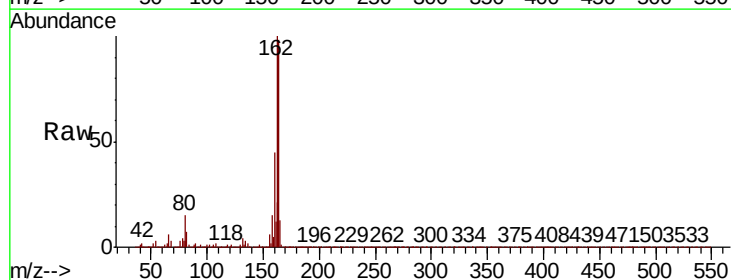
Instrument :
 BNA_P
 ClientSampleId :
 206

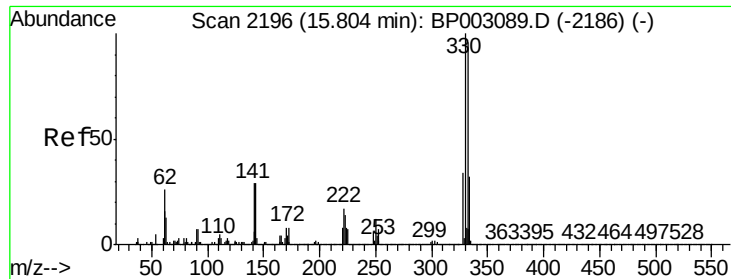
Tot Ion	82	Resp	689326
Ion Ratio	Lower	Upper	
82	100		
128	56.3	45.6	68.4
54	37.4	30.1	45.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.29 min Scan# 1939
 Delta R.T. -0.00 min
 Lab File: BP003176.D
 Acq: 01 Sep 2020 20:23

Tgt Ion	164	Resp	348918
Ion Ratio	Lower	Upper	
164	100		
162	102.5	79.4	119.2
160	45.9	36.1	54.1

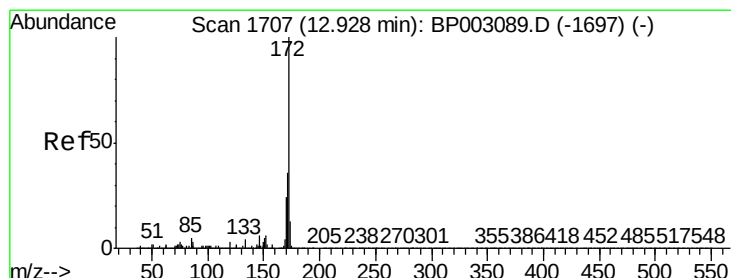
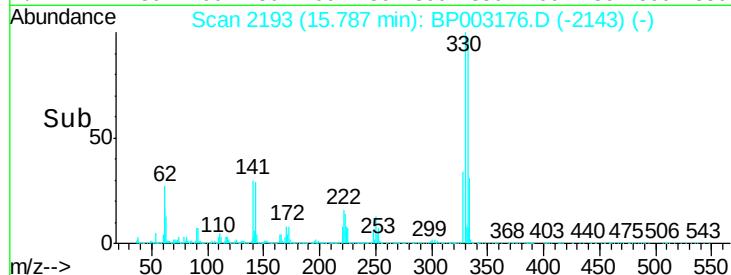
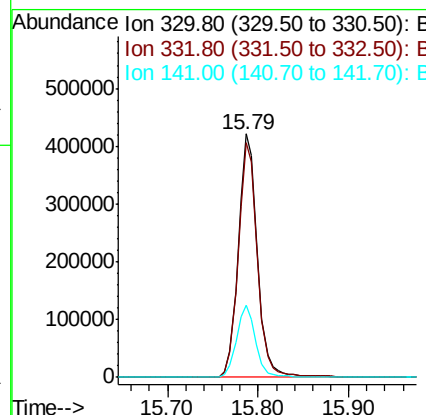
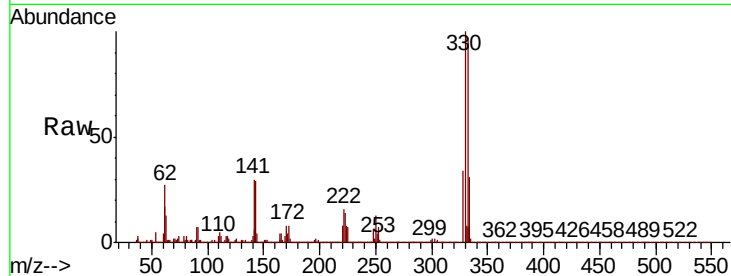




#42
 2,4,6-Tribromophenol
 Concen: 131.995 ng
 RT: 15.79 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BP003176.D
 Acq: 01 Sep 2020 20:23

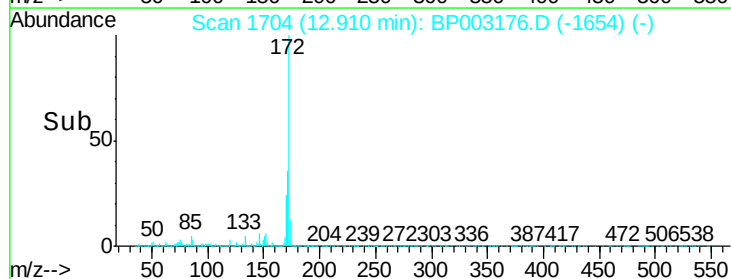
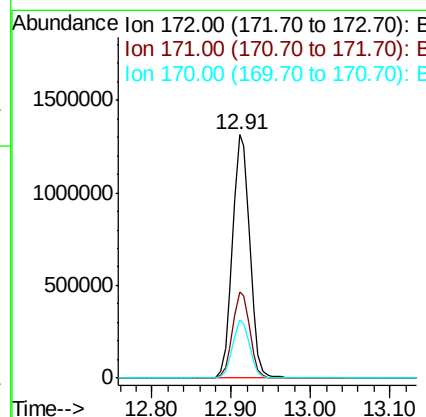
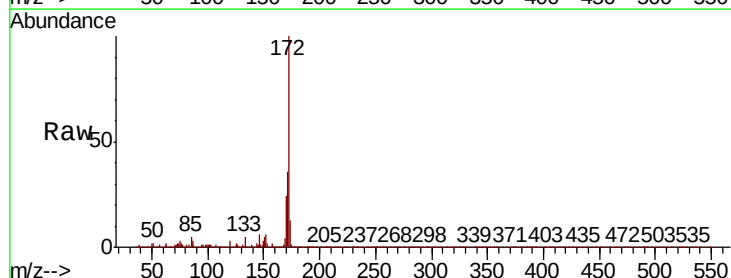
Instrument :
 BNA_P
 ClientSampled :
 206

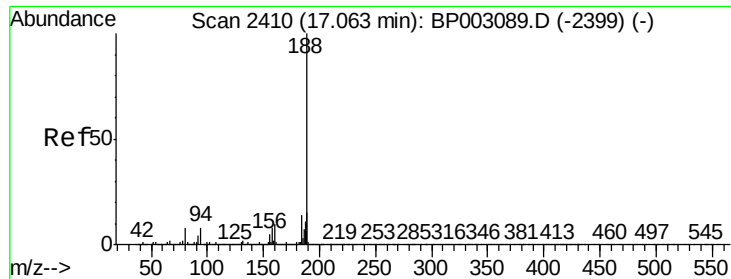
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.1	115.7
141	30.0	23.4	35.2



#45
 2-Fluorobiphenyl
 Concen: 83.410 ng
 RT: 12.91 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BP003176.D
 Acq: 01 Sep 2020 20:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.5	42.7
170	24.0	19.2	28.8

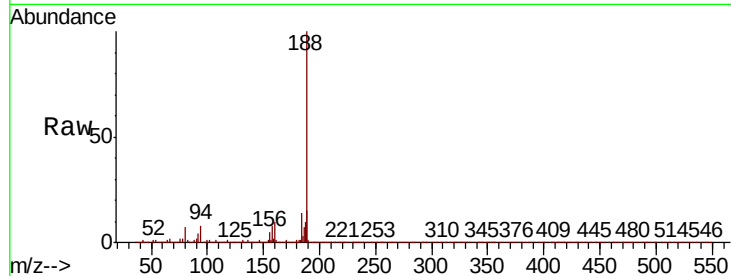




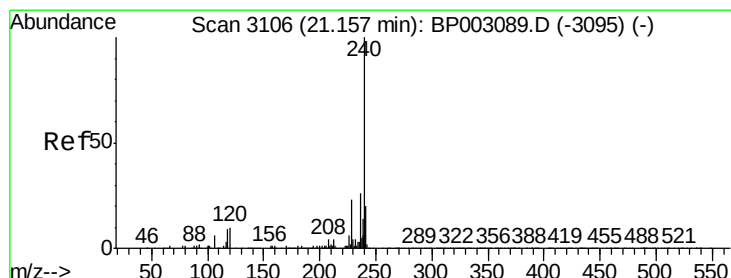
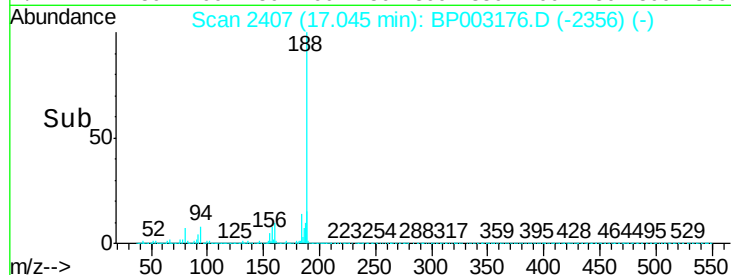
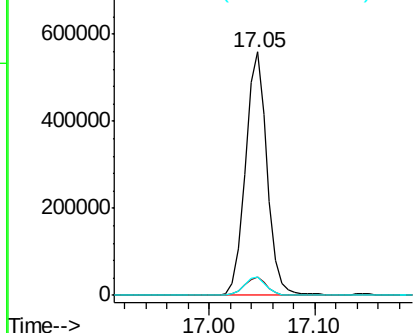
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.05 min Scan# 2407
Delta R.T. -0.00 min
Lab File: BP003176.D
Acq: 01 Sep 2020 20:23

Instrument :
BNA_P
ClientSampleId :
206

Tot Ion:188 Resp: 791736
Ion Ratio Lower Upper
188 100
94 7.7 6.2 9.2
80 7.5 6.2 9.2

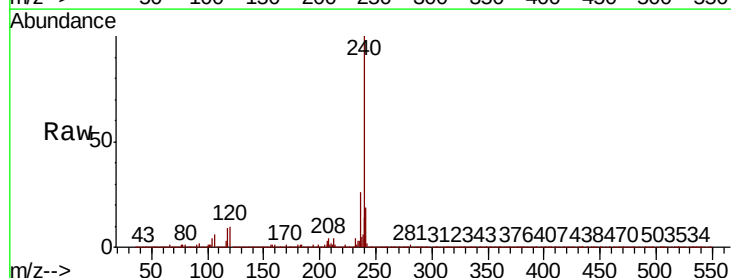


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BPO
Ion 80.00 (79.70 to 80.70): BPO

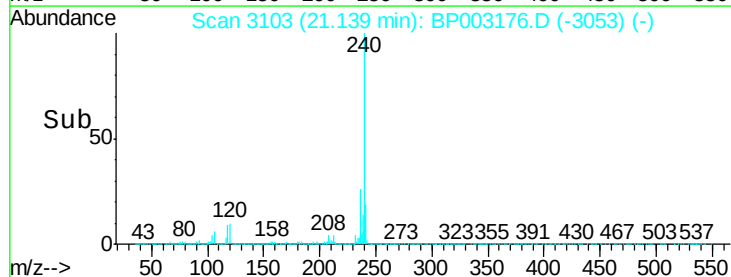
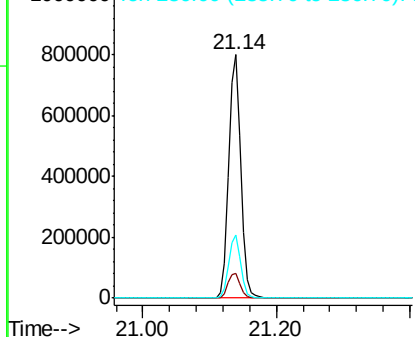


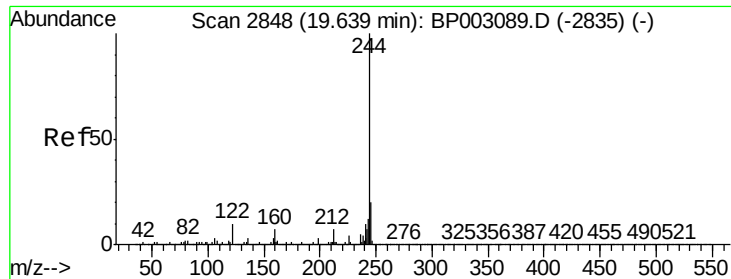
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.14 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BP003176.D
Acq: 01 Sep 2020 20:23

Tgt Ion:240 Resp: 1028966
Ion Ratio Lower Upper
240 100
120 10.1 7.8 11.6
236 25.8 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: 74.798 ng

RT: 19.62 min Scan# 2845

Delta R.T. -0.00 min

Lab File: BP003176.D

Acq: 01 Sep 2020 20:23

Instrument :

BNA_P

ClientSampleId :

206

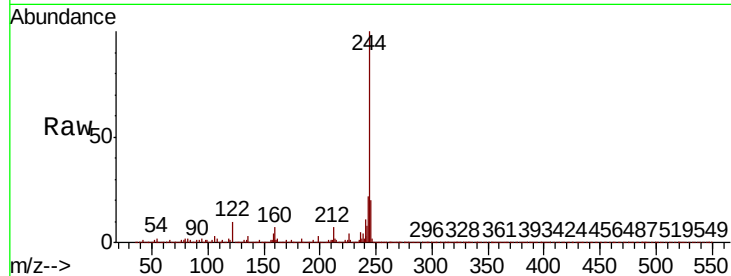
Tot Ion:244 Resp: 3497721

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.6

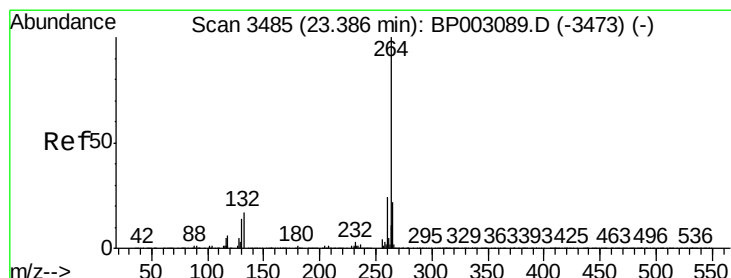
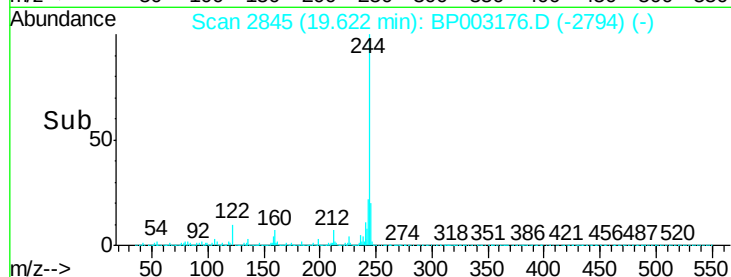
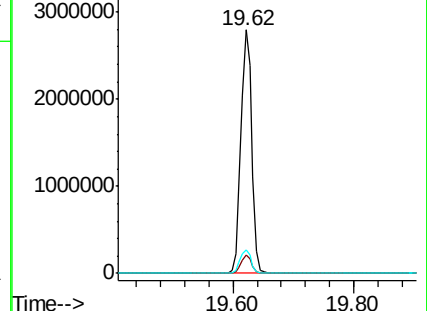
122 9.9 7.8 11.8



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: 23.37 min Scan# 3482

Delta R.T. -0.00 min

Lab File: BP003176.D

Acq: 01 Sep 2020 20:23

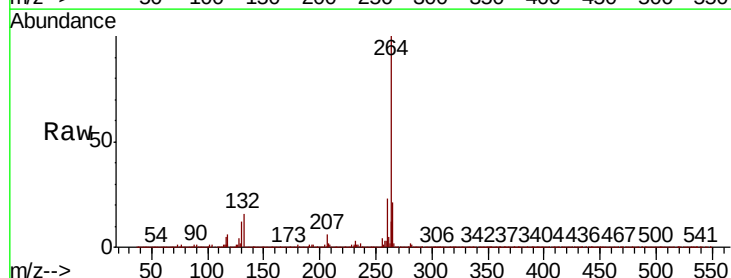
Tgt Ion:264 Resp: 1289487

Ion Ratio Lower Upper

264 100

260 23.2 18.8 28.2

265 21.1 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

