

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032322\
 Data File : BP009516.D
 Acq On : 23 Mar 2022 20:53
 Operator : CG/JU
 Sample : N2031-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CMP-B1-031822-2-5

Quant Time: Mar 24 01:22:20 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 24 01:19:11 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

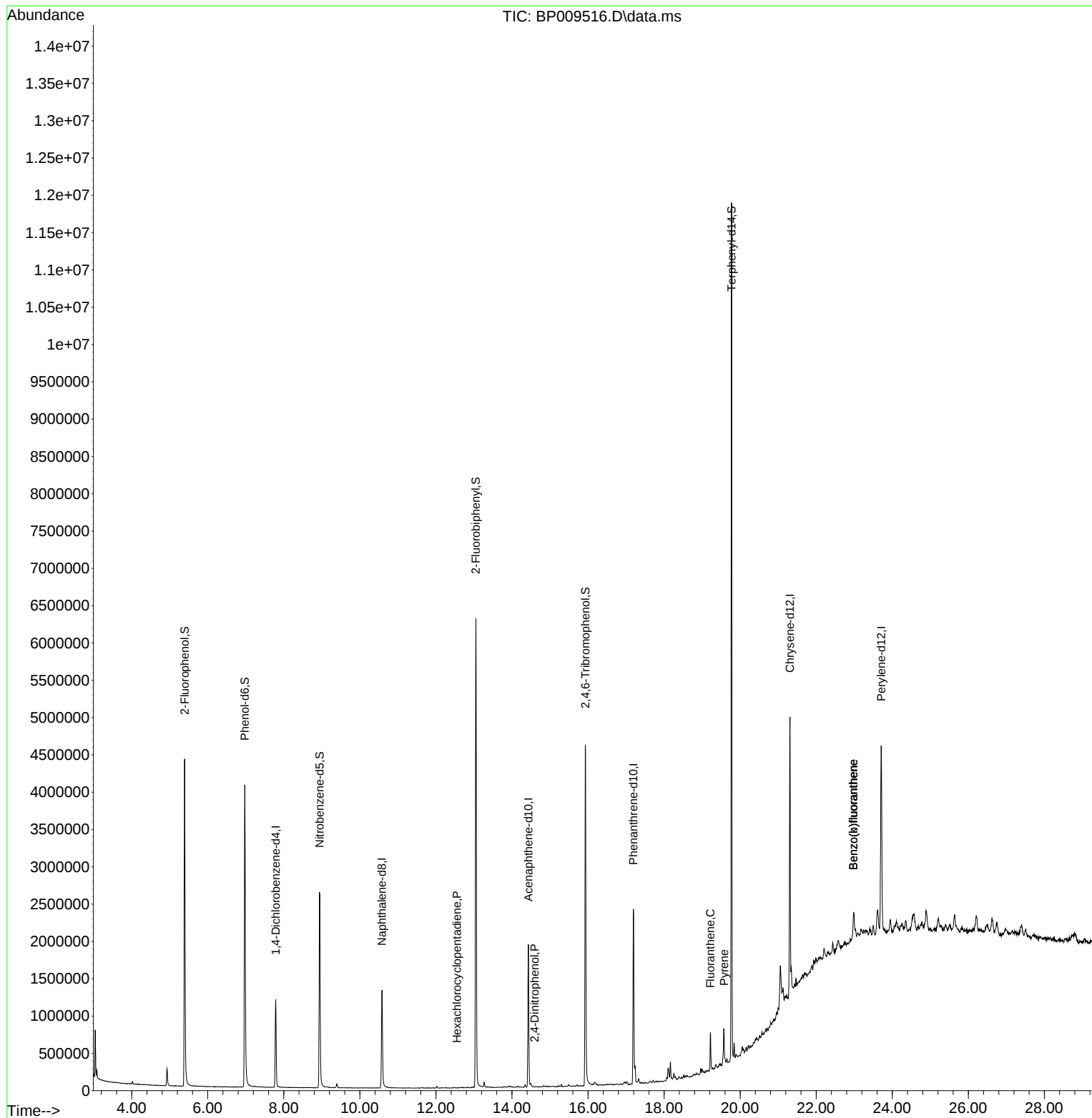
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	359887	20.000	ng	0.00
21) Naphthalene-d8	10.581	136	1328680	20.000	ng	0.00
39) Acenaphthene-d10	14.434	164	773003	20.000	ng	0.00
64) Phenanthrene-d10	17.192	188	1613942	20.000	ng	0.00
76) Chrysene-d12	21.310	240	1853669	20.000	ng	0.00
86) Perylene-d12	23.710	264	2047336	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	2295811	111.377	ng	0.00
7) Phenol-d6	6.975	99	2854945	102.416	ng	0.00
23) Nitrobenzene-d5	8.940	82	1843762	73.741	ng	0.00
42) 2,4,6-Tribromophenol	15.934	330	1081493	84.784	ng	0.00
45) 2-Fluorobiphenyl	13.051	172	3732116	66.931	ng	0.00
79) Terphenyl-d14	19.775	244	5885885	56.992	ng	0.00
Target Compounds						
9) Benzaldehyde	6.975	77	6054	Below Cal	Qvalue #	16
41) Hexachlorocyclopentadiene	12.551	237	12	7.289 ng	#	77
54) 2,4-Dinitrophenol	14.592	184	178	4.555 ng	#	1
75) Fluoranthene	19.216	202	325949	3.116 ng		98
78) Pyrene	19.575	202	307433	2.517 ng		100
88) Benzo(b)fluoranthene	22.980	252	320830	2.625 ng	#	77
89) Benzo(k)fluoranthene	22.980	252	320830	2.681 ng	#	77

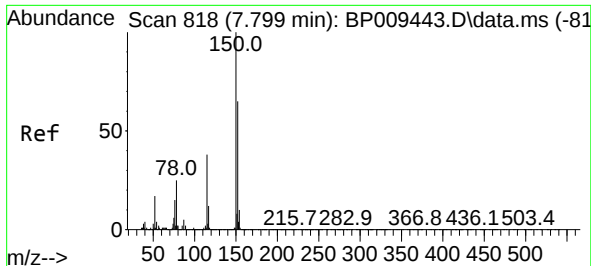
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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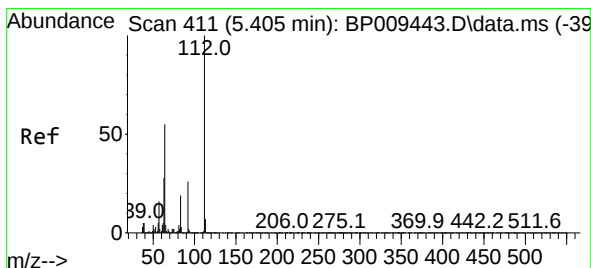
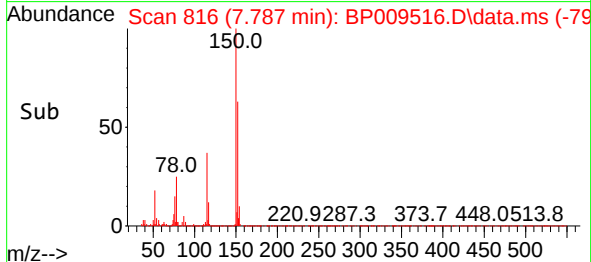
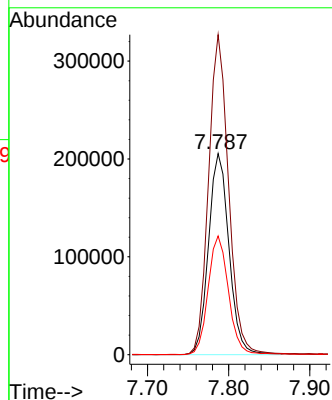
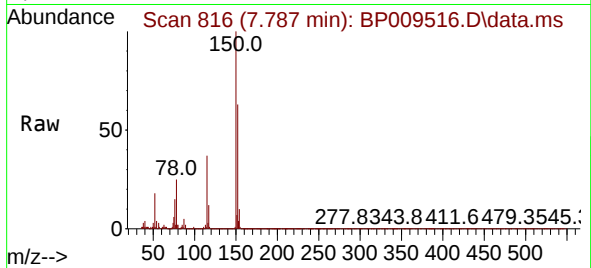




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.787 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP009516.D
Acq: 23 Mar 2022 20:53

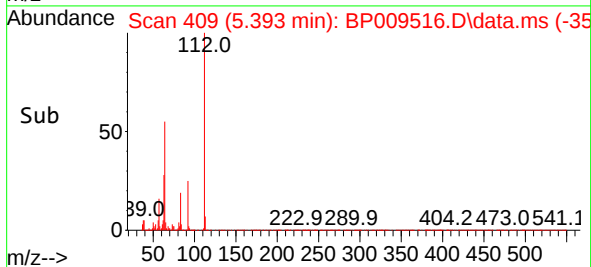
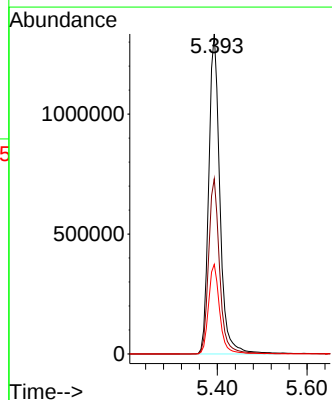
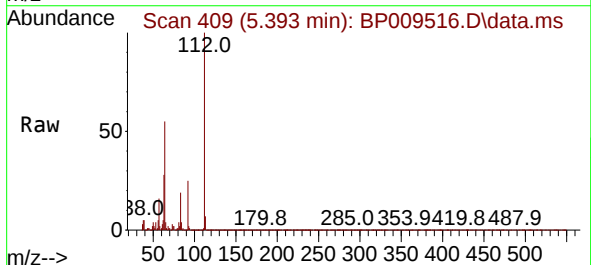
Instrument :
BNA_P
ClientSampleId :
CMP-B1-031822-2-5

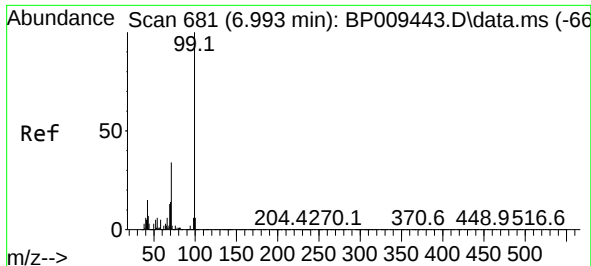
Tgt Ion:152 Resp: 359887
Ion Ratio Lower Upper
152 100
150 159.0 124.5 186.7
115 59.0 48.2 72.4



#5
2-Fluorophenol
Concen: 111.377 ng
RT: 5.393 min Scan# 409
Delta R.T. 0.000 min
Lab File: BP009516.D
Acq: 23 Mar 2022 20:53

Tgt Ion:112 Resp: 2295811
Ion Ratio Lower Upper
112 100
64 54.8 45.0 67.4
63 28.0 23.0 34.6

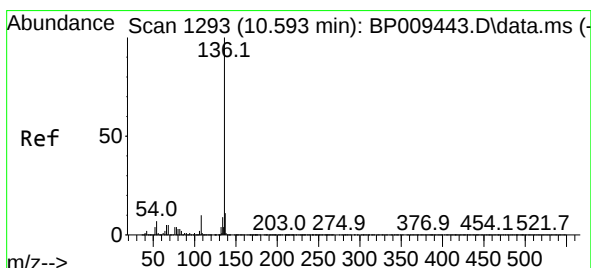
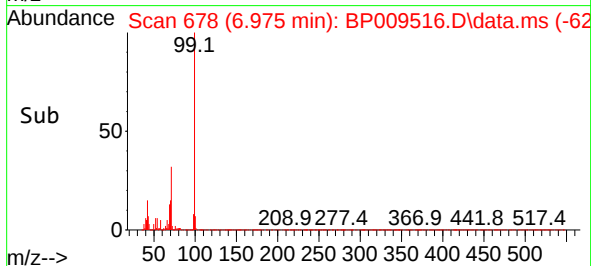
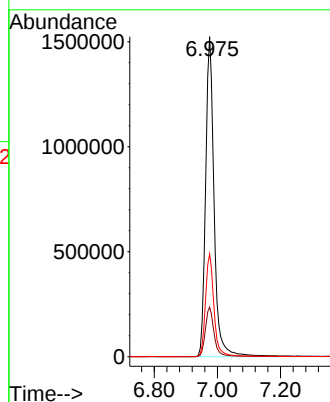
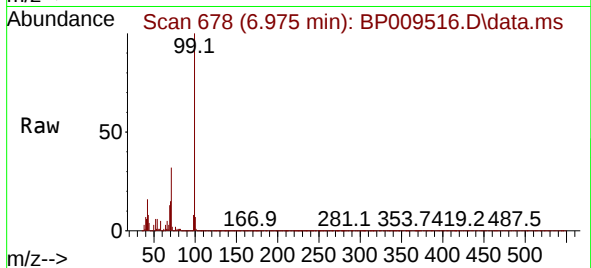




#7
Phenol-d6
Concen: 102.416 ng
RT: 6.975 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP009516.D
Acq: 23 Mar 2022 20:53

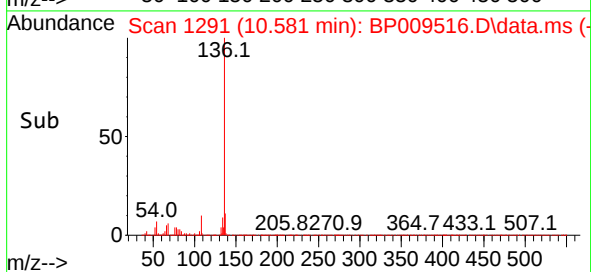
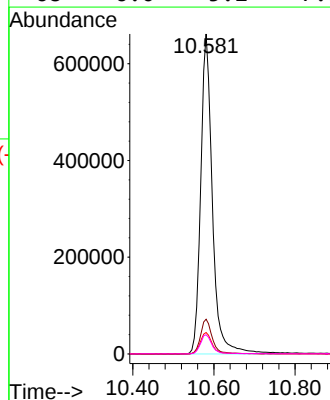
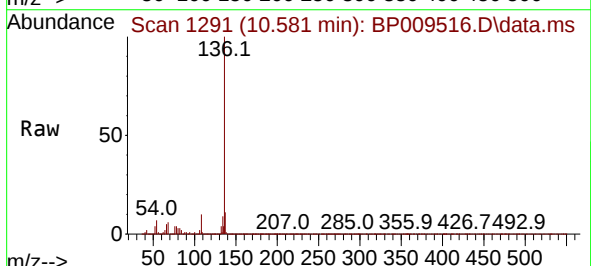
Instrument :
BNA_P
ClientSampleId :
CMP-B1-031822-2-5

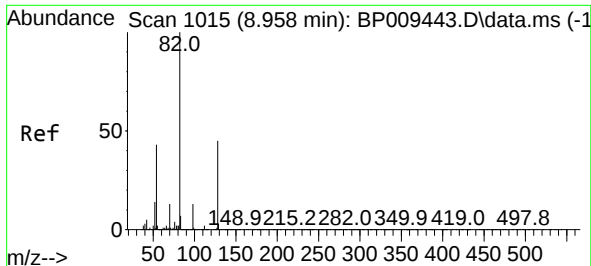
Tgt Ion: 99 Resp: 2854945
Ion Ratio Lower Upper
99 100
42 15.5 12.8 19.2
71 32.1 26.3 39.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.581 min Scan# 1291
Delta R.T. 0.000 min
Lab File: BP009516.D
Acq: 23 Mar 2022 20:53

Tgt Ion: 136 Resp: 1328680
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 6.7 5.8 8.8
68 6.0 5.2 7.8

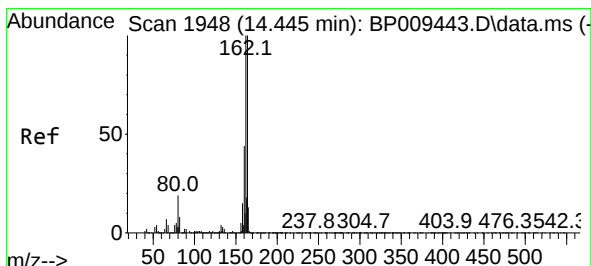
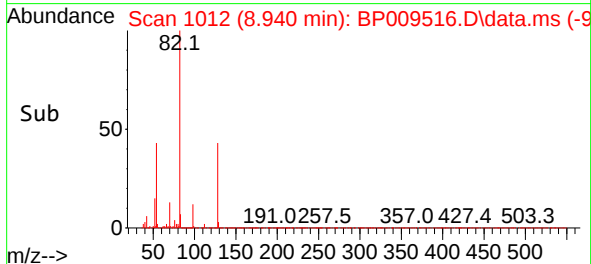
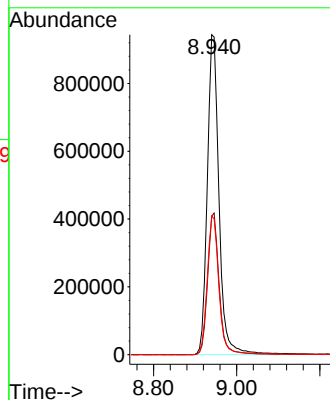
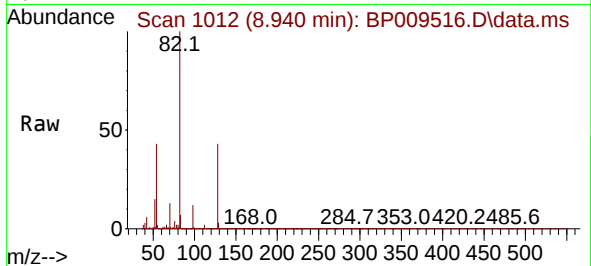




#23
Nitrobenzene-d5
Concen: 73.741 ng
RT: 8.940 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BP009516.D
Acq: 23 Mar 2022 20:53

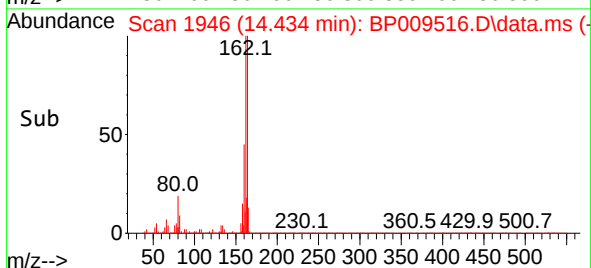
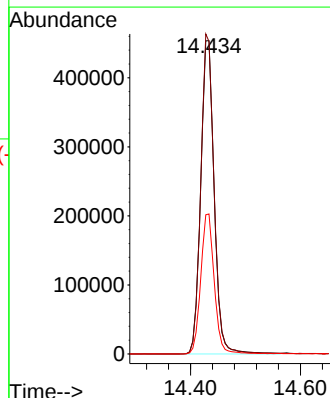
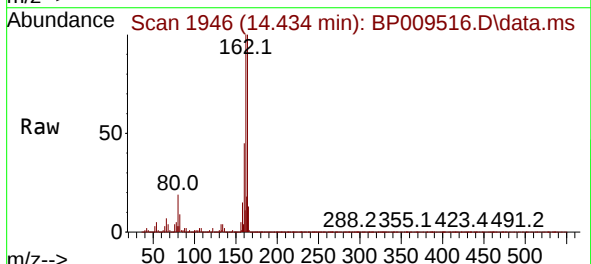
Instrument :
BNA_P
ClientSampleId :
CMP-B1-031822-2-5

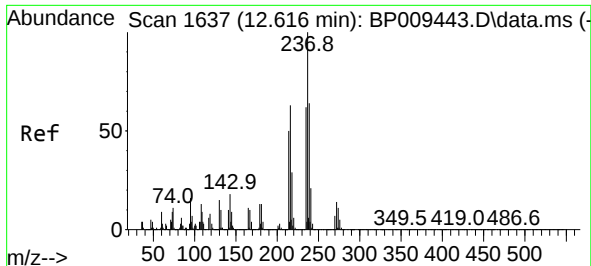
Tgt Ion: 82 Resp: 1843762
Ion Ratio Lower Upper
82 100
128 43.3 34.2 51.4
54 43.4 34.7 52.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.434 min Scan# 1946
Delta R.T. 0.000 min
Lab File: BP009516.D
Acq: 23 Mar 2022 20:53

Tgt Ion:164 Resp: 773003
Ion Ratio Lower Upper
164 100
162 99.7 79.1 118.7
160 44.7 34.9 52.3

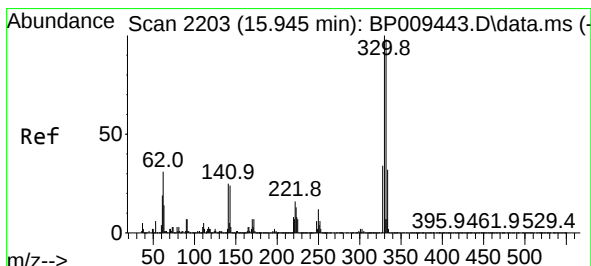
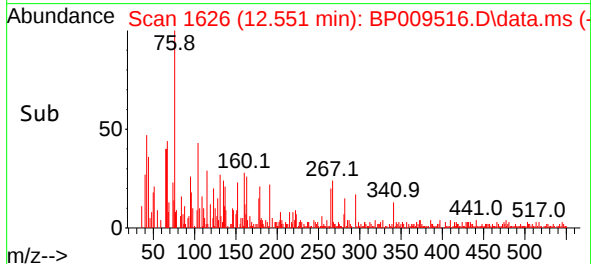
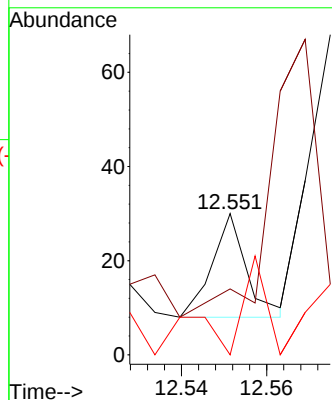
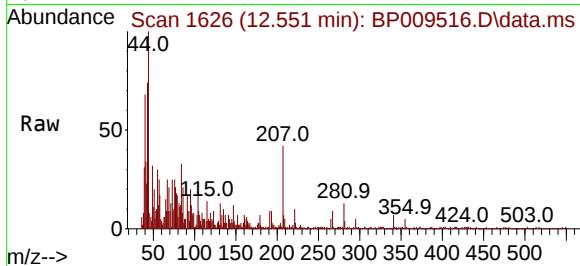




#41
Hexachlorocyclopentadiene
Concen: 7.289 ng
RT: 12.551 min Scan# 1
Delta R.T. -0.053 min
Lab File: BP009516.D
Acq: 23 Mar 2022 20:53

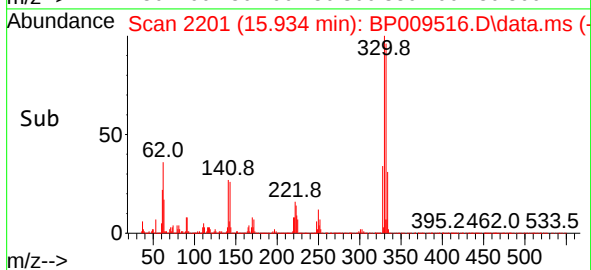
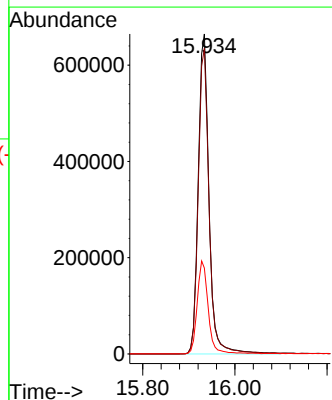
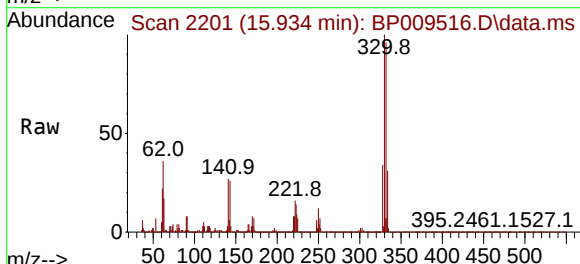
Instrument :
BNA_P
ClientSampleId :
CMP-B1-031822-2-5

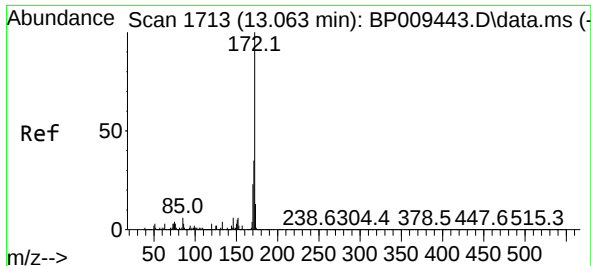
Tgt Ion:237	Resp:	12
Ion	Ratio	Lower Upper
237	100	
235	46.7	42.6 82.6
272	0.0	0.0 32.8



#42
2,4,6-Tribromophenol
Concen: 84.784 ng
RT: 15.934 min Scan# 2201
Delta R.T. 0.000 min
Lab File: BP009516.D
Acq: 23 Mar 2022 20:53

Tgt Ion:330	Resp:	1081493
Ion	Ratio	Lower Upper
330	100	
332	96.2	77.0 115.6
141	29.7	27.6 41.4

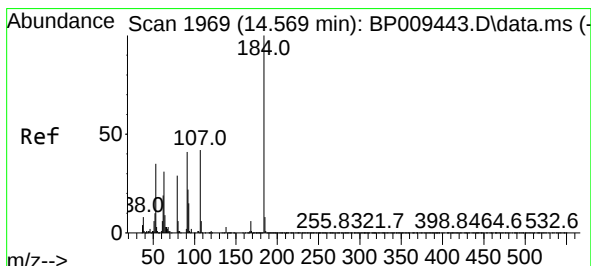
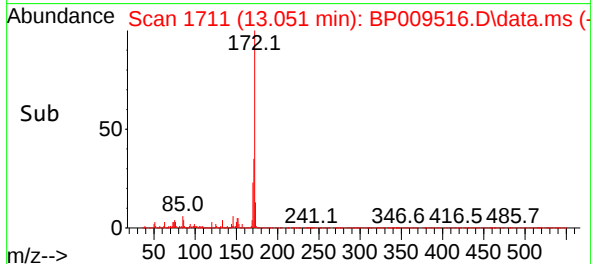
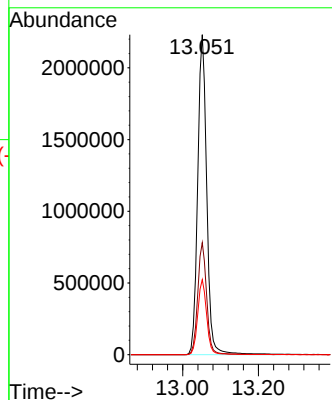
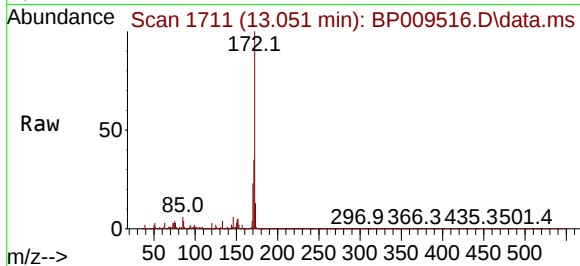




#45
2-Fluorobiphenyl
Concen: 66.931 ng
RT: 13.051 min Scan# 1711
Delta R.T. -0.006 min
Lab File: BP009516.D
Acq: 23 Mar 2022 20:53

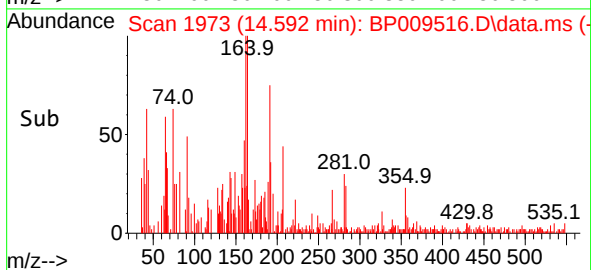
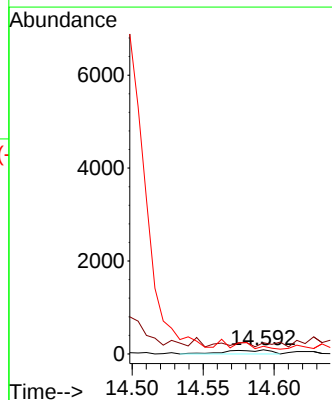
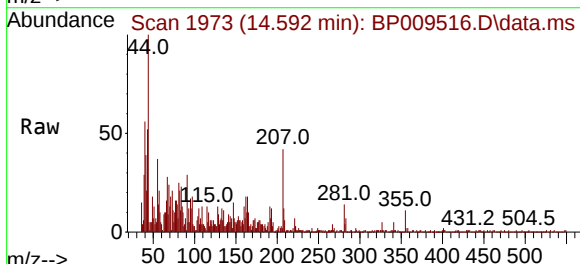
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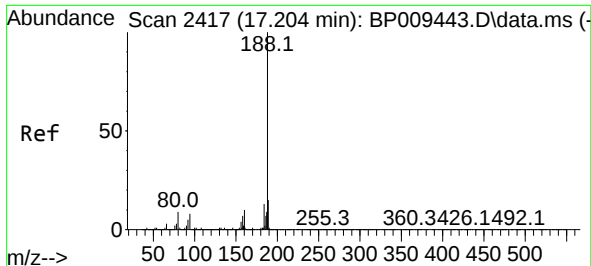
Tgt Ion:172 Resp: 3732116
Ion Ratio Lower Upper
172 100
171 35.0 28.0 42.0
170 23.5 18.6 27.8



#54
2,4-Dinitrophenol
Concen: 4.555 ng
RT: 14.592 min Scan# 1973
Delta R.T. 0.030 min
Lab File: BP009516.D
Acq: 23 Mar 2022 20:53

Tgt Ion:184 Resp: 178
Ion Ratio Lower Upper
184 100
63 269.7 46.3 69.5#
154 185.4 45.8 68.6#

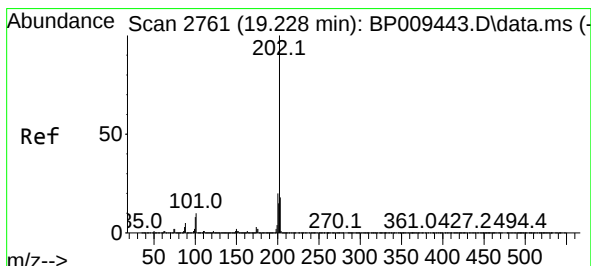
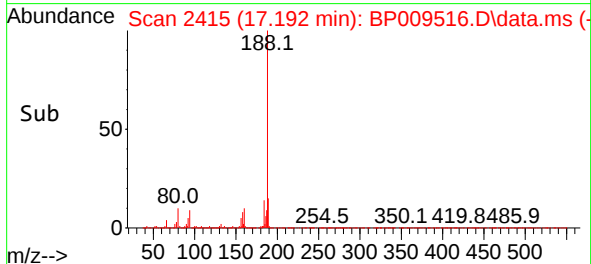
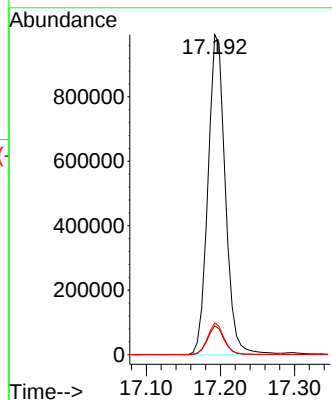
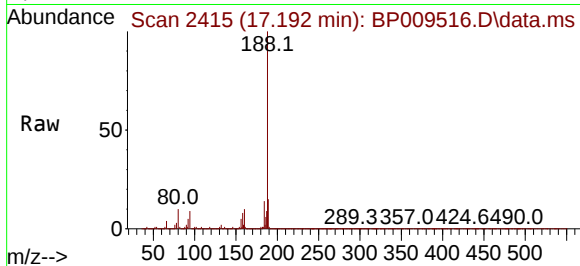




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.192 min Scan# 2415
Delta R.T. -0.006 min
Lab File: BP009516.D
Acq: 23 Mar 2022 20:53

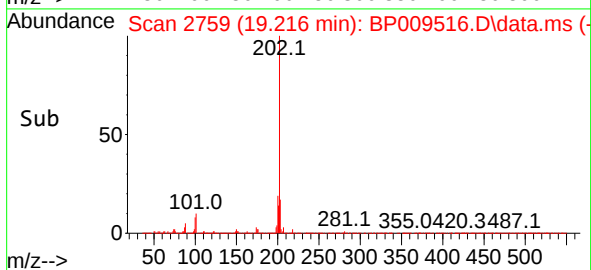
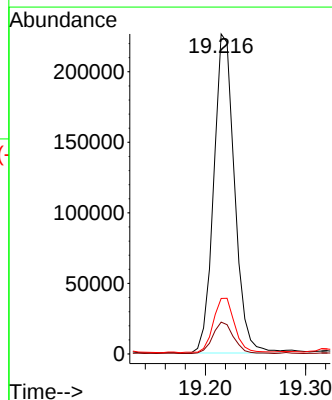
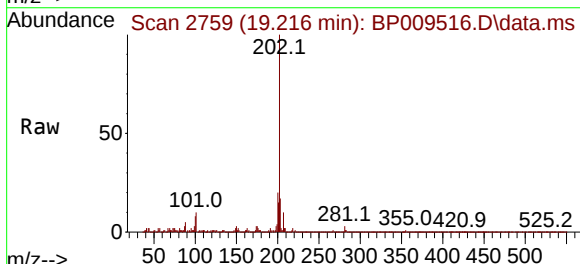
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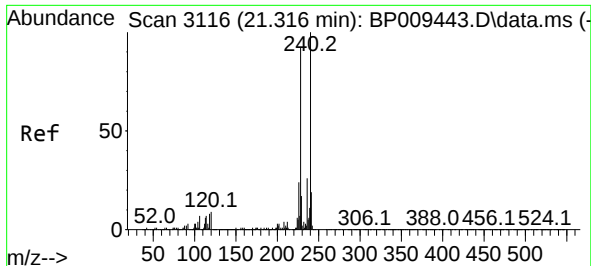
Tgt Ion:188 Resp: 1613942
Ion Ratio Lower Upper
188 100
94 9.0 7.9 11.9
80 10.0 8.8 13.2



#75
Fluoranthene
Concen: 3.116 ng
RT: 19.216 min Scan# 2759
Delta R.T. -0.006 min
Lab File: BP009516.D
Acq: 23 Mar 2022 20:53

Tgt Ion:202 Resp: 325949
Ion Ratio Lower Upper
202 100
101 10.0 0.0 31.5
203 17.3 0.0 37.8

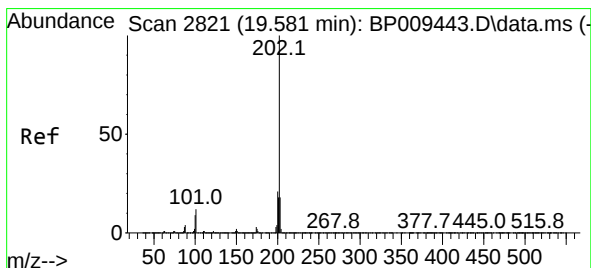
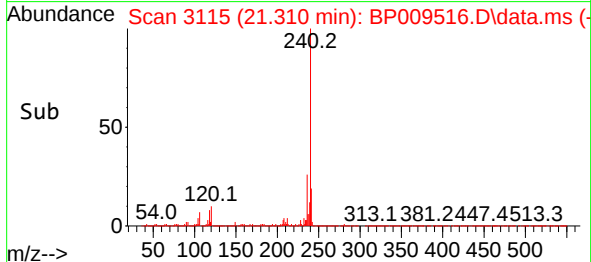
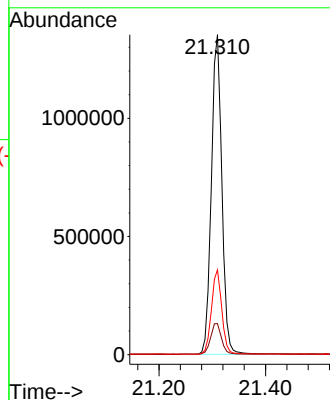
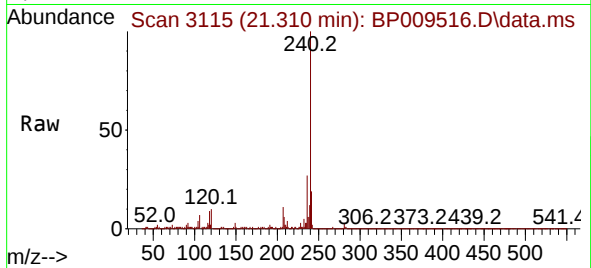




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.310 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BP009516.D
Acq: 23 Mar 2022 20:53

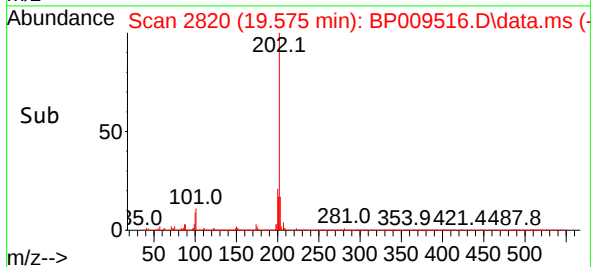
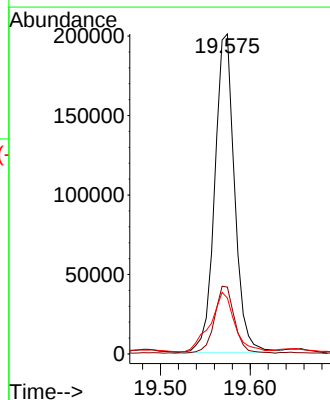
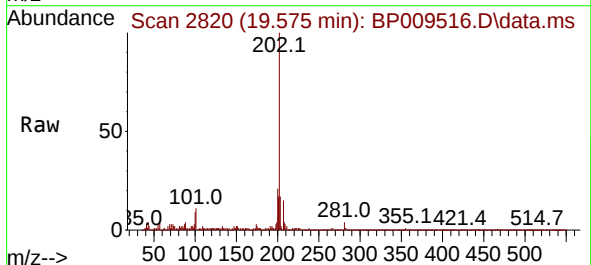
Instrument :
BNA_P
ClientSampleId :
CMP-B1-031822-2-5

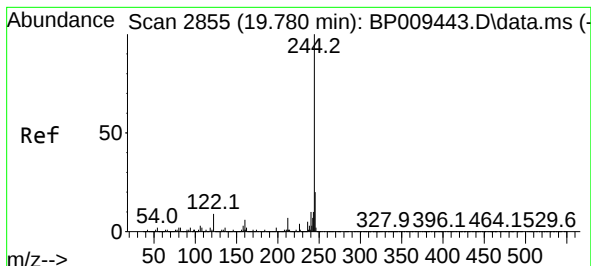
Tgt Ion:240 Resp: 1853669
Ion Ratio Lower Upper
240 100
120 9.7 9.0 13.4
236 26.5 20.6 30.8



#78
Pyrene
Concen: 2.517 ng
RT: 19.575 min Scan# 2820
Delta R.T. 0.000 min
Lab File: BP009516.D
Acq: 23 Mar 2022 20:53

Tgt Ion:202 Resp: 307433
Ion Ratio Lower Upper
202 100
200 20.9 16.8 25.2
203 17.4 14.2 21.4





#79

Terphenyl-d14

Concen: 56.992 ng

RT: 19.775 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP009516.D

Acq: 23 Mar 2022 20:53

Instrument :

BNA_P

ClientSampleId :

CMP-B1-031822-2-5

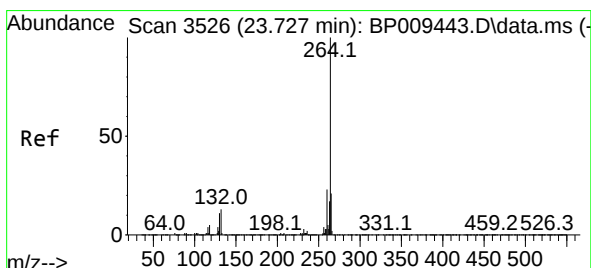
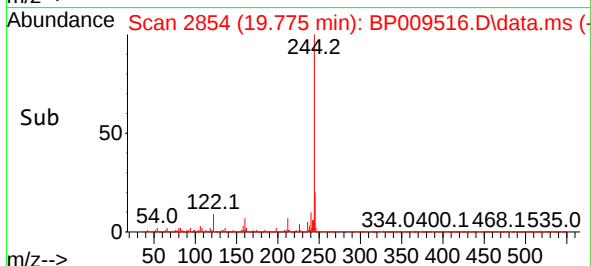
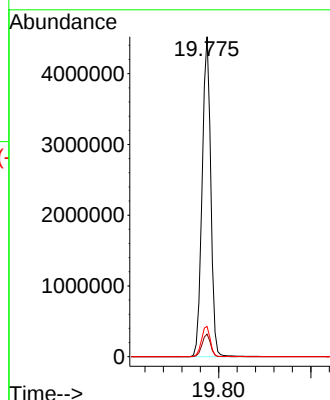
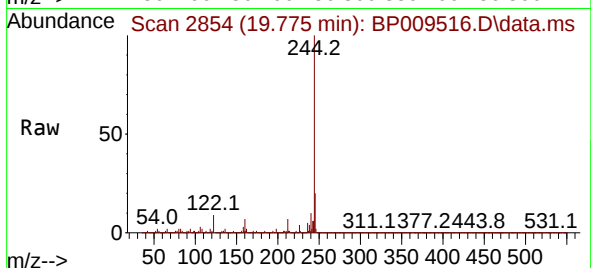
Tgt Ion:244 Resp: 5885885

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

122 9.5 8.3 12.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.710 min Scan# 3523

Delta R.T. -0.006 min

Lab File: BP009516.D

Acq: 23 Mar 2022 20:53

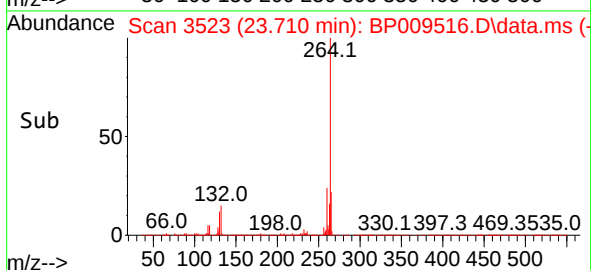
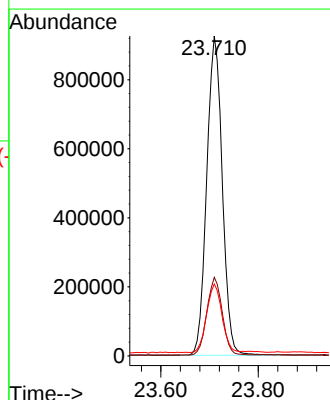
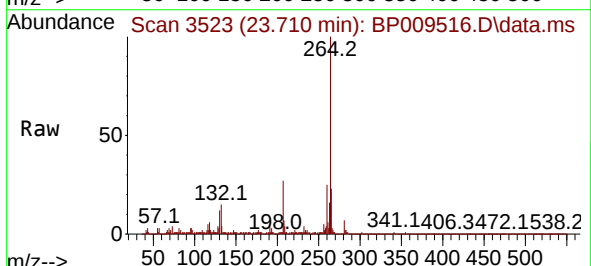
Tgt Ion:264 Resp: 2047336

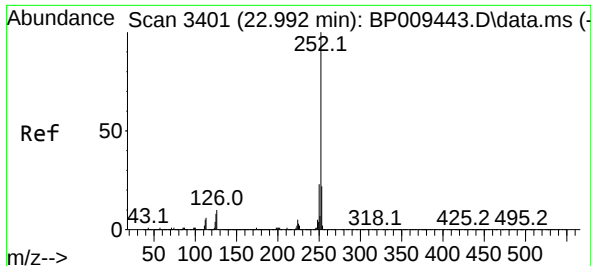
Ion Ratio Lower Upper

264 100

260 24.5 19.4 29.0

265 22.5 17.2 25.8

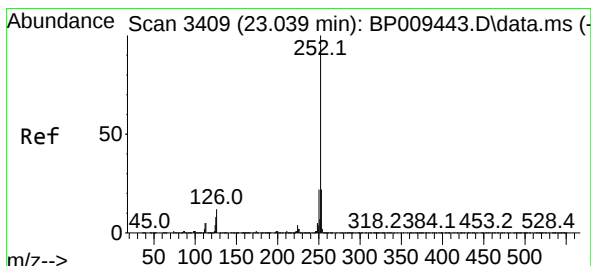
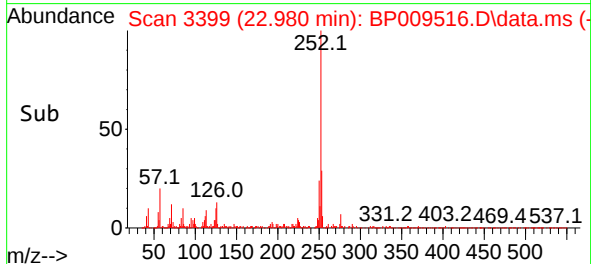
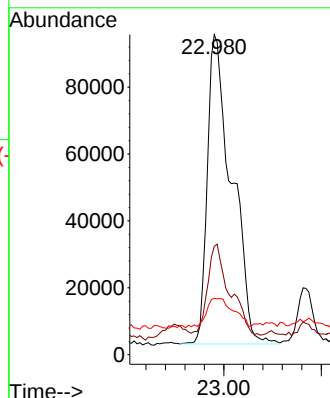
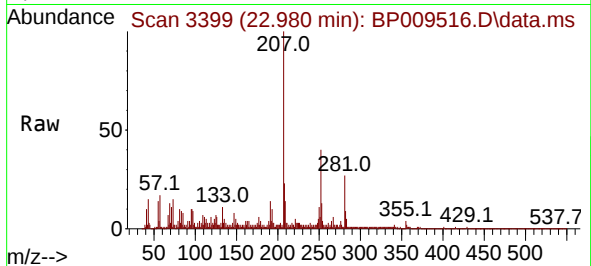




#88
Benzo(b)fluoranthene
Concen: 2.625 ng
RT: 22.980 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP009516.D
Acq: 23 Mar 2022 20:53

Instrument :
BNA_P
ClientSampleId :
CMP-B1-031822-2-5

Tgt Ion:252 Resp: 320830
Ion Ratio Lower Upper
252 100
253 33.8 17.8 26.8#
125 17.7 8.1 12.1#



#89
Benzo(k)fluoranthene
Concen: 2.681 ng
RT: 22.980 min Scan# 3399
Delta R.T. -0.059 min
Lab File: BP009516.D
Acq: 23 Mar 2022 20:53

Tgt Ion:252 Resp: 320830
Ion Ratio Lower Upper
252 100
253 33.8 17.5 26.3#
125 17.7 8.3 12.5#

