

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031522\
 Data File : BP009402.D
 Acq On : 15 Mar 2022 17:23
 Operator : CG/JU
 Sample : N1922-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 7PH-1-7.5-8

Quant Time: Mar 16 01:57:18 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 05 01:55:59 2022
 Response via : Initial Calibration

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

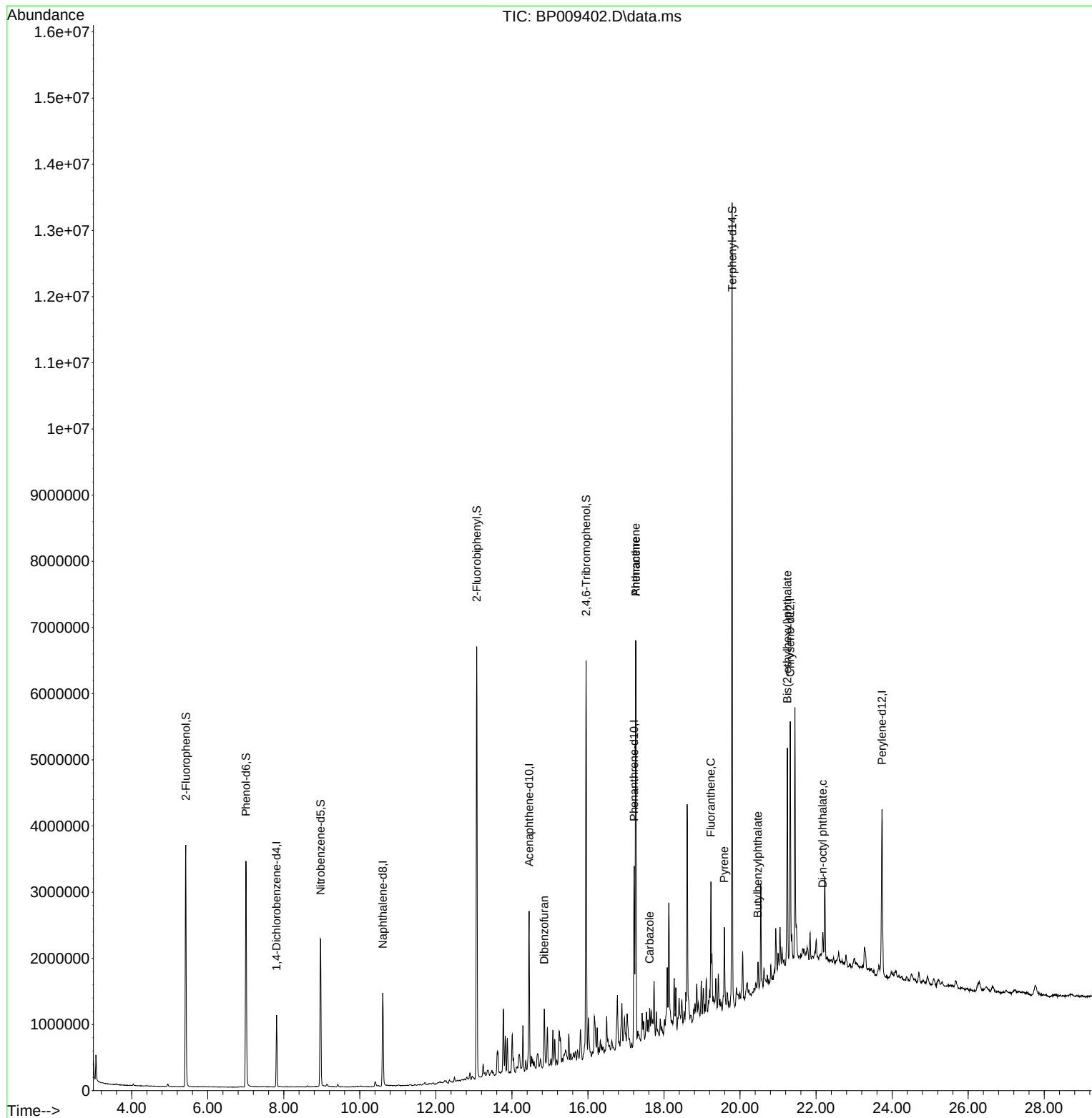
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	326140	20.000	ng	-0.01
21) Naphthalene-d8	10.604	136	1330053	20.000	ng	-0.01
39) Acenaphthene-d10	14.451	164	871450	20.000	ng	-0.01
64) Phenanthrene-d10	17.216	188	1814743	20.000	ng	0.00
76) Chrysene-d12	21.322	240	1841754	20.000	ng	0.00
86) Perylene-d12	23.733	264	1989522	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	1854099	82.983	ng	0.01
7) Phenol-d6	7.005	99	2299466	80.985	ng	0.02
23) Nitrobenzene-d5	8.969	82	1482520	61.392	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	1345613	127.876	ng	0.00
45) 2-Fluorobiphenyl	13.075	172	3785792	59.742	ng	-0.01
79) Terphenyl-d14	19.792	244	6298557	64.537	ng	0.00
Target Compounds						
						Qvalue
55) Dibenzofuran	14.851	168	316229	3.912	ng	# 89
71) Phenanthrene	17.257	178	4050841	38.840	ng	99
72) Anthracene	17.257	178	4050841	39.022	ng	99
73) Carbazole	17.622	167	291430	3.081	ng	98
75) Fluoranthene	19.233	202	1089471	9.050	ng	98
78) Pyrene	19.586	202	756577	6.084	ng	99
80) Butylbenzylphthalate	20.469	149	125002	2.785	ng	99
84) Bis(2-ethylhexyl)phtha...	21.245	149	1434525	19.984	ng	98
85) Di-n-octyl phthalate	22.174	149	349191	2.971	ng	96

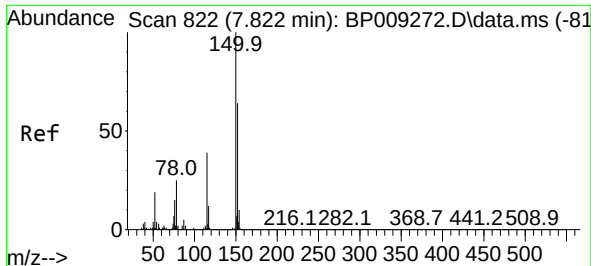
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031522\
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7PH-1-7.5-8

Quant Time: Mar 16 01:57:18 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 05 01:55:59 2022
Response via : Initial Calibration

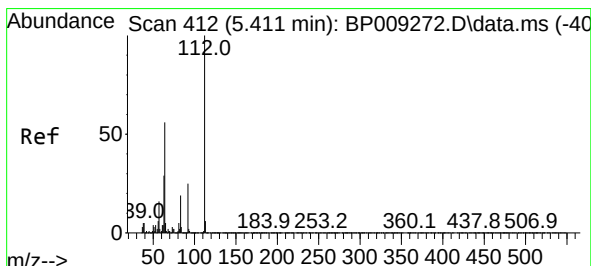
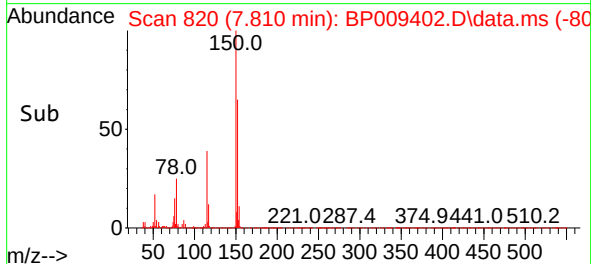
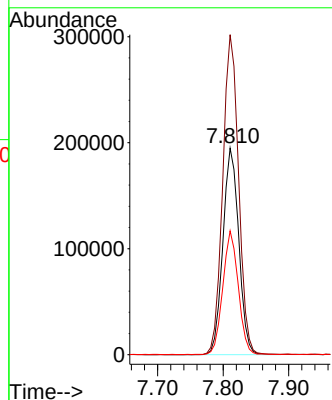
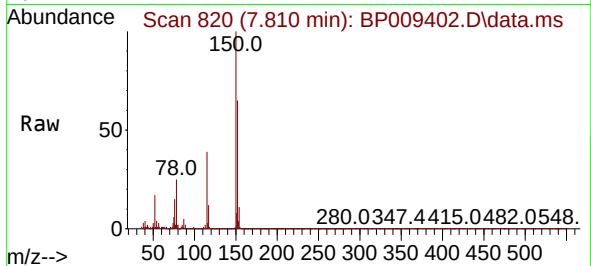




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.810 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP009402.D
Acq: 15 Mar 2022 17:23

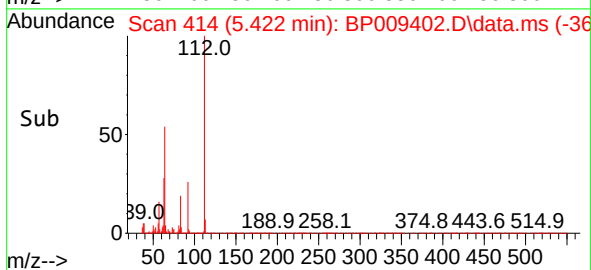
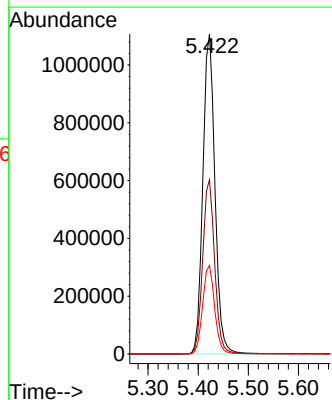
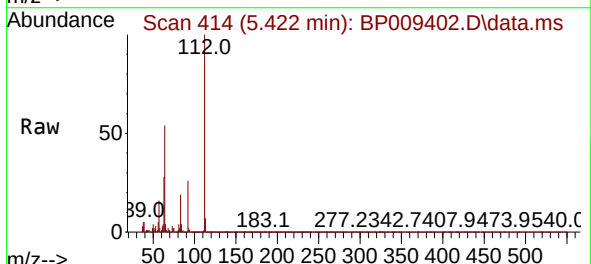
Instrument :
BNA_P
ClientSampleId :
7PH-1-7.5-8

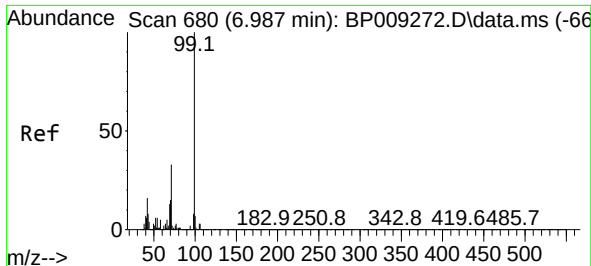
Tgt Ion:152 Resp: 326140
Ion Ratio Lower Upper
152 100
150 155.0 124.5 186.7
115 59.9 48.2 72.4



#5
2-Fluorophenol
Concen: 82.983 ng
RT: 5.422 min Scan# 414
Delta R.T. 0.011 min
Lab File: BP009402.D
Acq: 15 Mar 2022 17:23

Tgt Ion:112 Resp: 1854099
Ion Ratio Lower Upper
112 100
64 54.4 45.0 67.4
63 27.7 23.0 34.6

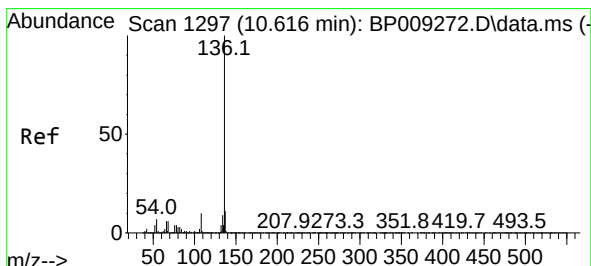
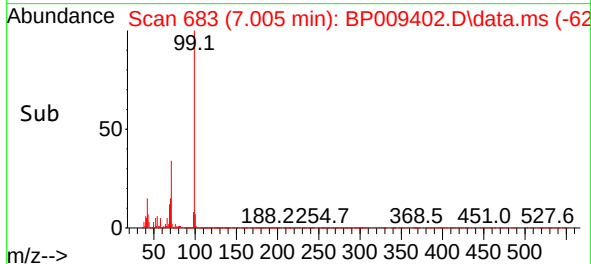
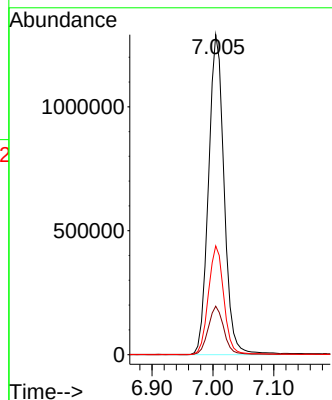
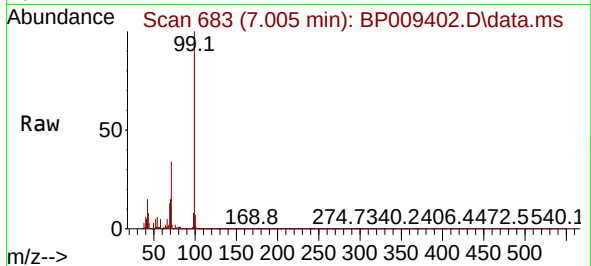




#7
Phenol-d6
Concen: 80.985 ng
RT: 7.005 min Scan# 61
Delta R.T. 0.018 min
Lab File: BP009402.D
Acq: 15 Mar 2022 17:23

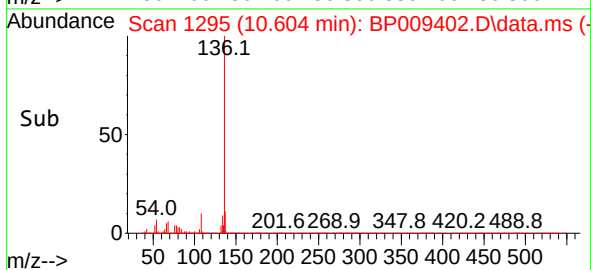
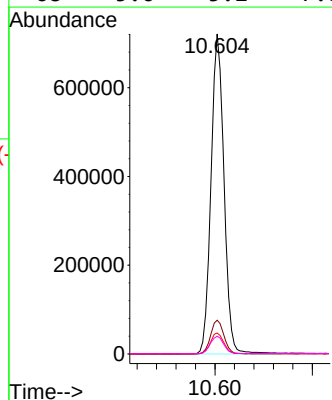
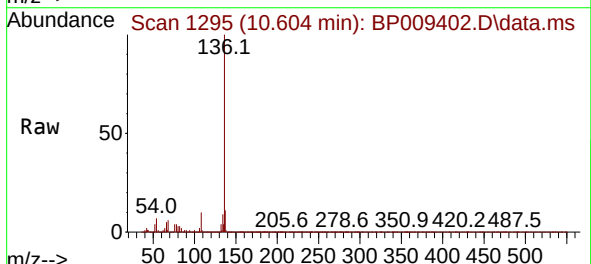
Instrument :
BNA_P
ClientSampleId :
7PH-1-7.5-8

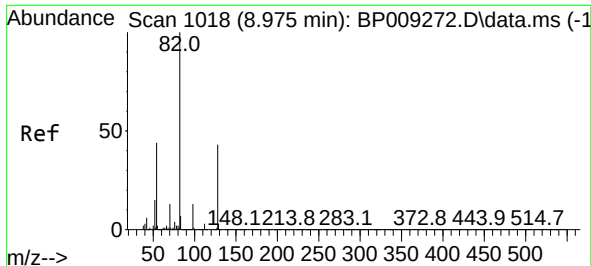
Tgt Ion: 99 Resp: 2299466
Ion Ratio Lower Upper
99 100
42 15.1 12.8 19.2
71 34.0 26.3 39.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BP009402.D
Acq: 15 Mar 2022 17:23

Tgt Ion: 136 Resp: 1330053
Ion Ratio Lower Upper
136 100
137 10.5 8.6 12.8
54 6.6 5.8 8.8
68 5.6 5.2 7.8

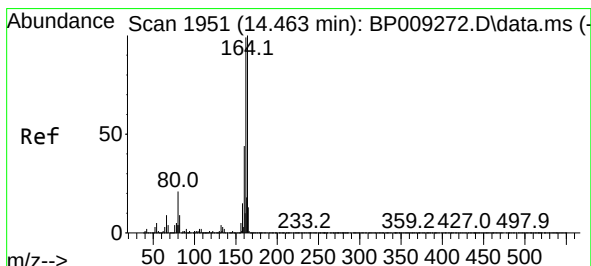
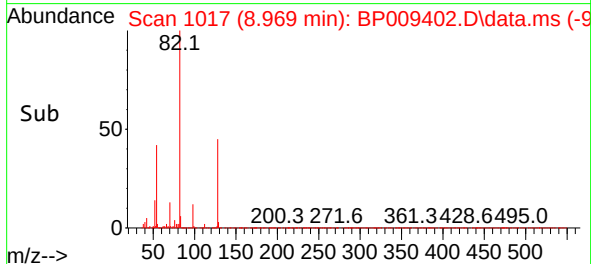
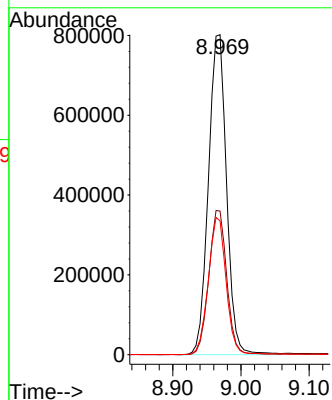
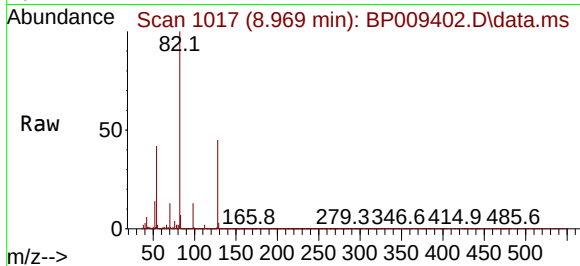




#23
Nitrobenzene-d5
Concen: 61.392 ng
RT: 8.969 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BP009402.D
Acq: 15 Mar 2022 17:23

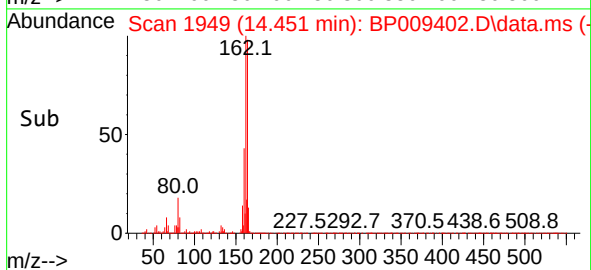
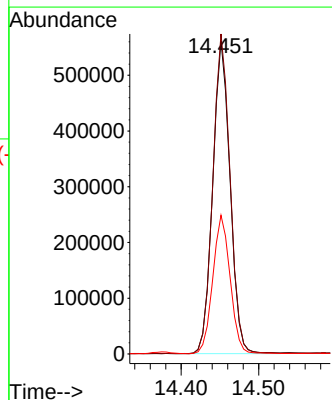
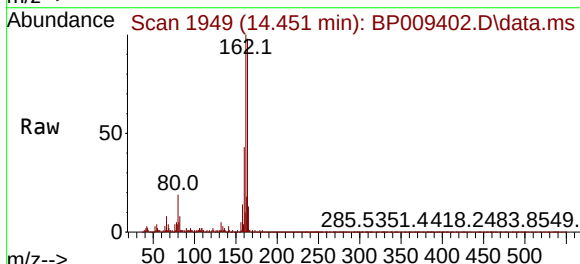
Instrument :
BNA_P
ClientSampleId :
7PH-1-7.5-8

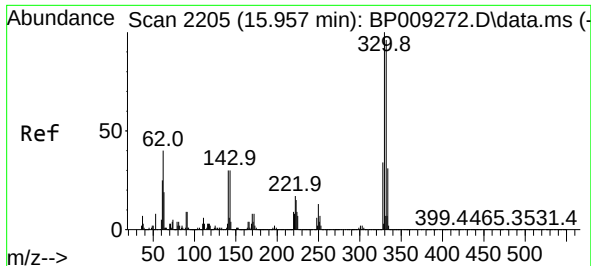
Tgt Ion: 82 Resp: 1482520
Ion Ratio Lower Upper
82 100
128 44.9 34.2 51.4
54 41.9 34.7 52.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.451 min Scan# 1949
Delta R.T. -0.012 min
Lab File: BP009402.D
Acq: 15 Mar 2022 17:23

Tgt Ion:164 Resp: 871450
Ion Ratio Lower Upper
164 100
162 102.2 79.1 118.7
160 44.3 34.9 52.3

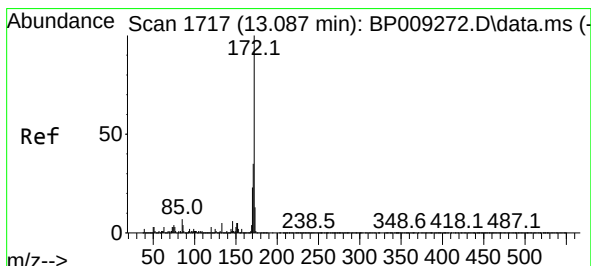
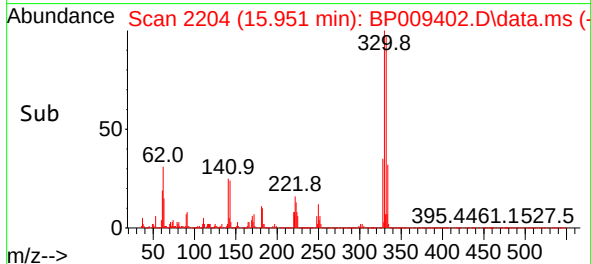
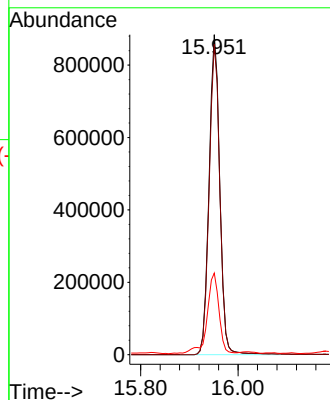
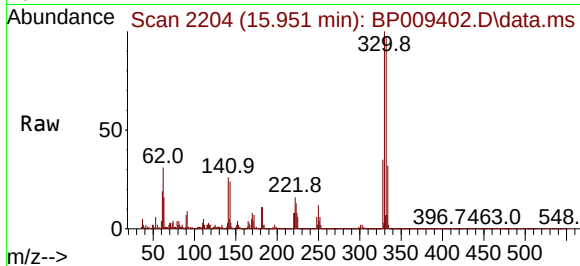




#42
2,4,6-Tribromophenol
Concen: 127.876 ng
RT: 15.951 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP009402.D
Acq: 15 Mar 2022 17:23

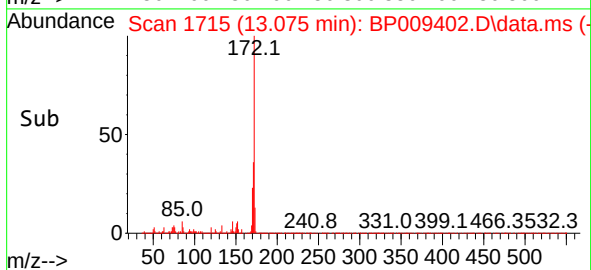
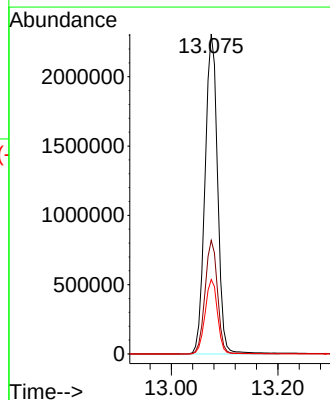
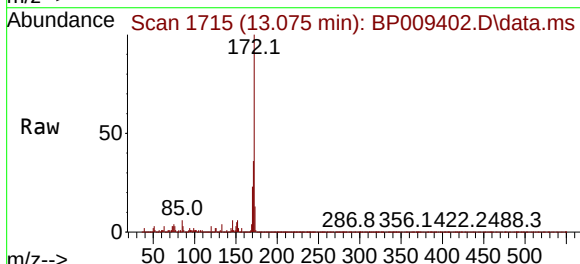
Instrument :
BNA_P
ClientSampleId :
7PH-1-7.5-8

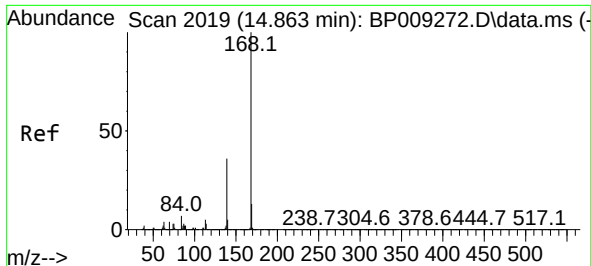
Tgt Ion: 330 Resp: 1345613
Ion Ratio Lower Upper
330 100
332 97.1 77.0 115.6
141 28.1 27.6 41.4



#45
2-Fluorobiphenyl
Concen: 59.742 ng
RT: 13.075 min Scan# 1715
Delta R.T. -0.012 min
Lab File: BP009402.D
Acq: 15 Mar 2022 17:23

Tgt Ion: 172 Resp: 3785792
Ion Ratio Lower Upper
172 100
171 35.5 28.0 42.0
170 23.2 18.6 27.8

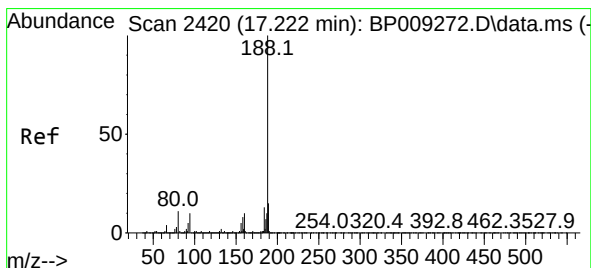
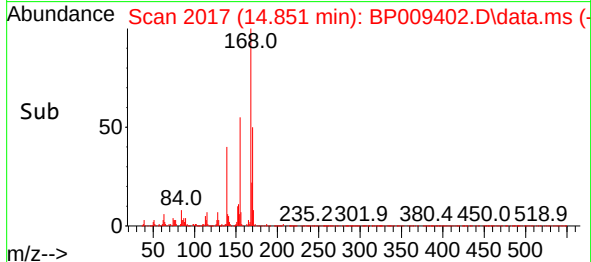
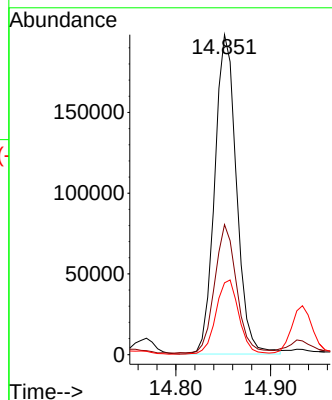
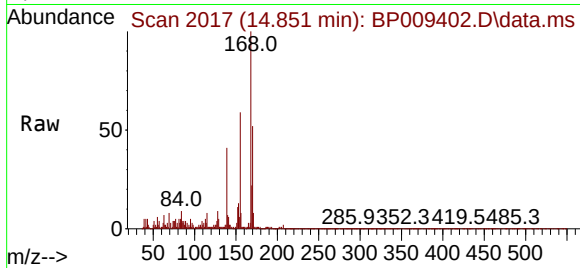




#55
Dibenzenofuran
Concen: 3.912 ng
RT: 14.851 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BP009402.D
Acq: 15 Mar 2022 17:23

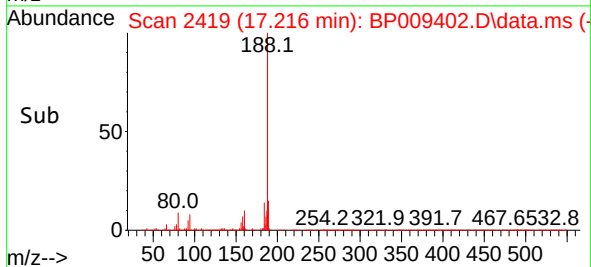
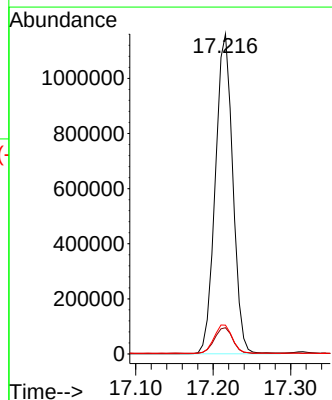
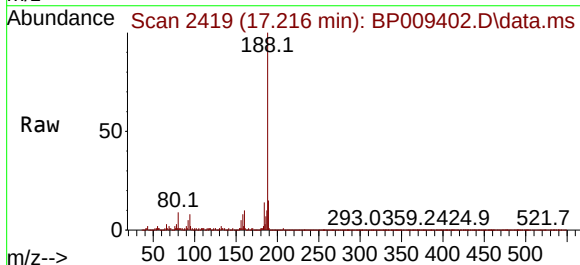
Instrument :
BNA_P
ClientSampleId :
7PH-1-7.5-8

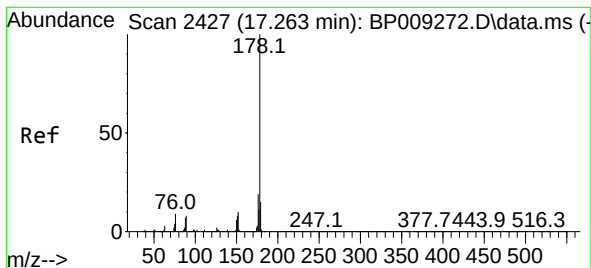
Tgt Ion:168 Resp: 316229
Ion Ratio Lower Upper
168 100
139 40.6 29.1 43.7
169 22.4 10.6 16.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.216 min Scan# 2419
Delta R.T. -0.006 min
Lab File: BP009402.D
Acq: 15 Mar 2022 17:23

Tgt Ion:188 Resp: 1814743
Ion Ratio Lower Upper
188 100
94 8.2 7.9 11.9
80 9.0 8.8 13.2





#71

Phenanthrene

Concen: 38.840 ng

RT: 17.257 min Scan# 2426

Delta R.T. -0.006 min

Lab File: BP009402.D

Acq: 15 Mar 2022 17:23

Instrument :

BNA_P

ClientSampleId :

7PH-1-7.5-8

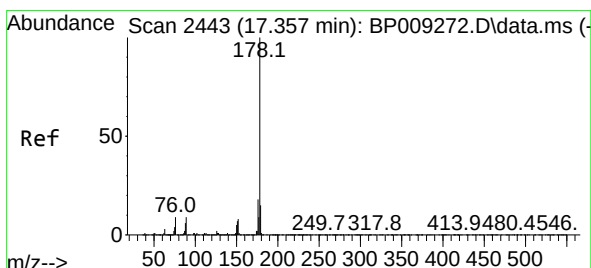
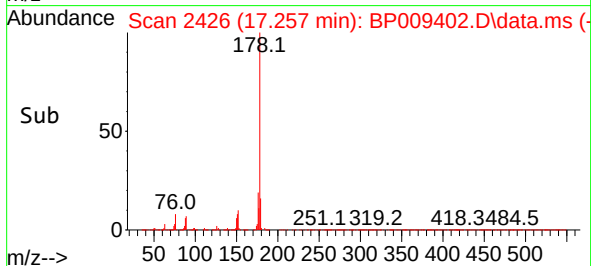
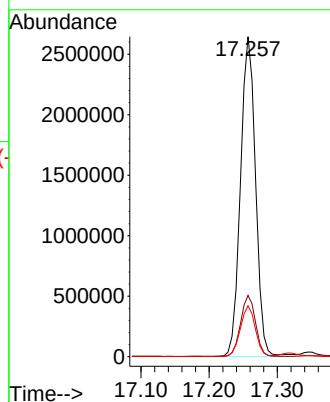
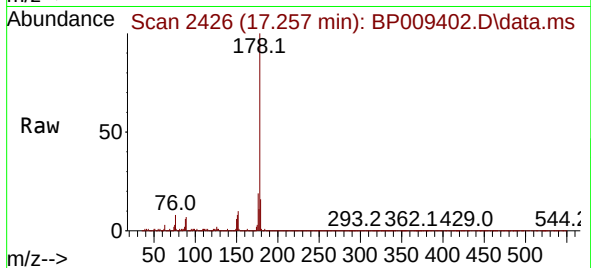
Tgt Ion:178 Resp: 4050841

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.2

179 15.9 12.3 18.5



#72

Anthracene

Concen: 39.022 ng

RT: 17.257 min Scan# 2426

Delta R.T. -0.100 min

Lab File: BP009402.D

Acq: 15 Mar 2022 17:23

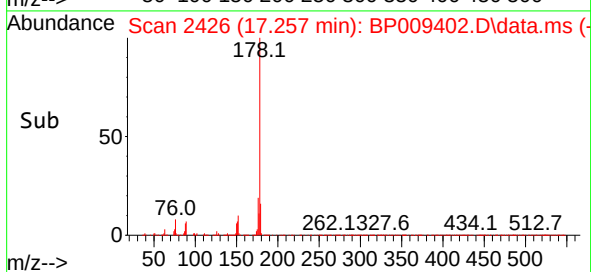
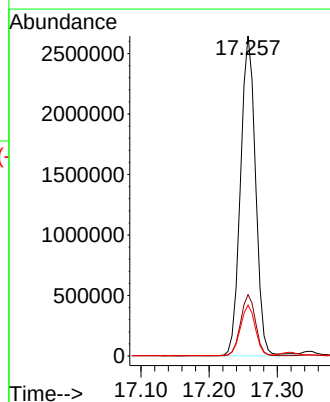
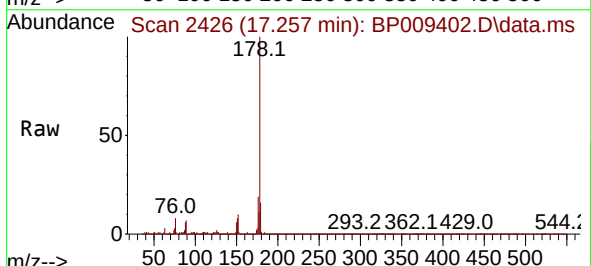
Tgt Ion:178 Resp: 4050841

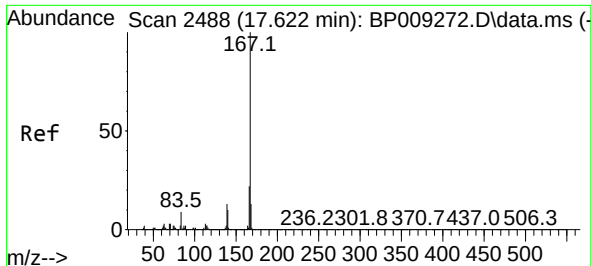
Ion Ratio Lower Upper

178 100

176 19.2 14.8 22.2

179 15.9 12.2 18.4

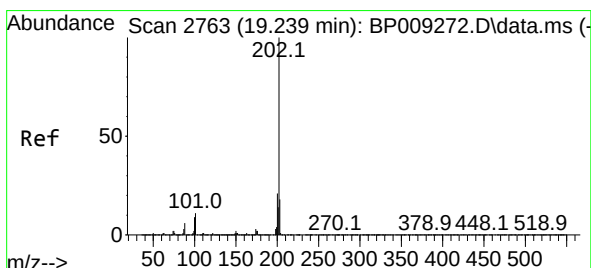
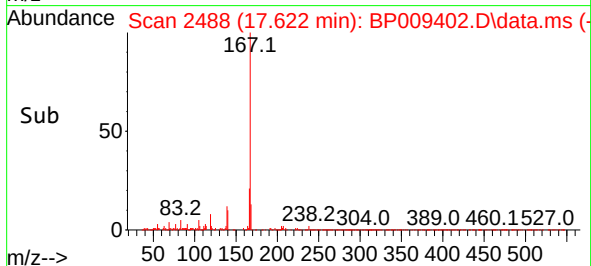
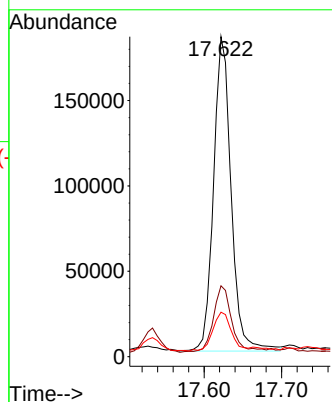
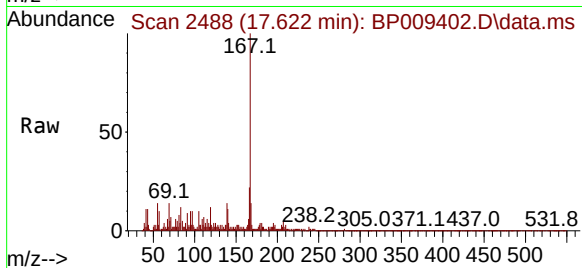




#73
 Carbazole
 Concen: 3.081 ng
 RT: 17.622 min Scan# 2488
 Delta R.T. -0.000 min
 Lab File: BP009402.D
 Acq: 15 Mar 2022 17:23

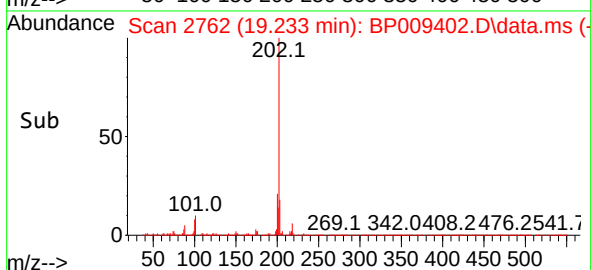
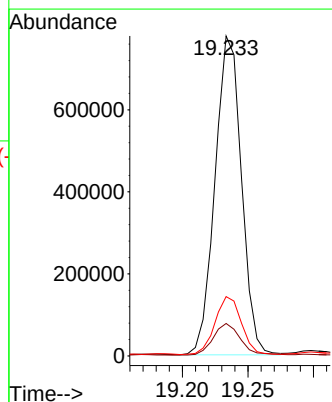
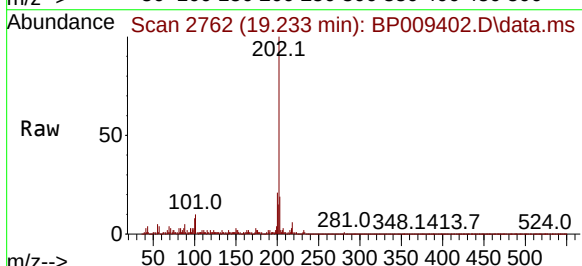
Instrument :
 BNA_P
 ClientSampleId :
 7PH-1-7.5-8

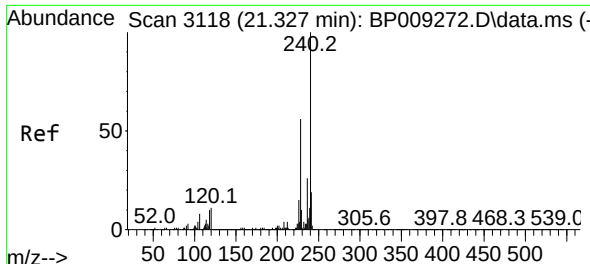
Tgt Ion:	167	Resp:	291430
Ion Ratio	Lower	Upper	
167	100		
166	22.1	17.2	25.8
139	13.9	10.3	15.5



#75
 Fluoranthene
 Concen: 9.050 ng
 RT: 19.233 min Scan# 2762
 Delta R.T. -0.006 min
 Lab File: BP009402.D
 Acq: 15 Mar 2022 17:23

Tgt Ion:	202	Resp:	1089471
Ion Ratio	Lower	Upper	
202	100		
101	10.2	0.0	31.5
203	18.5	0.0	37.8

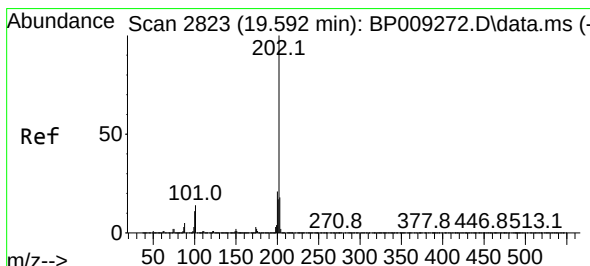
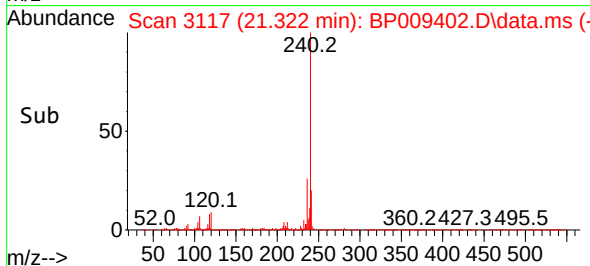
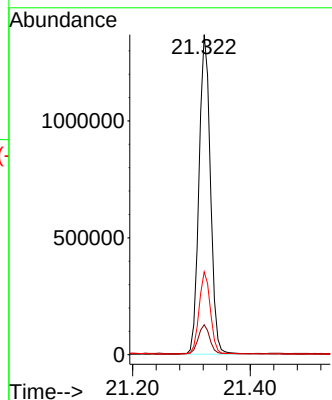
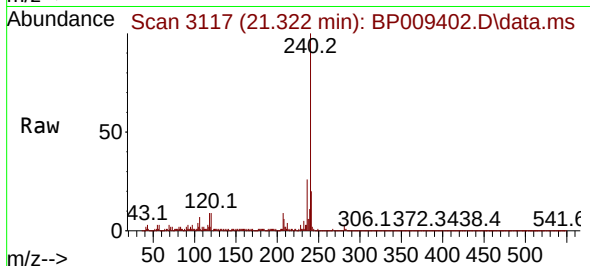




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.322 min Scan# 3118
Delta R.T. -0.006 min
Lab File: BP009402.D
Acq: 15 Mar 2022 17:23

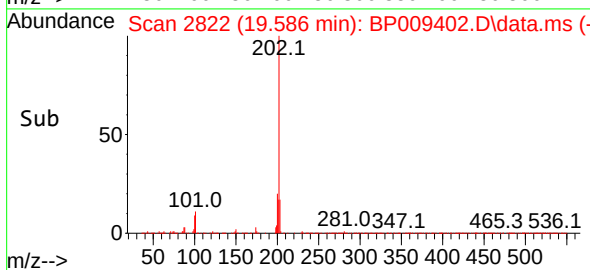
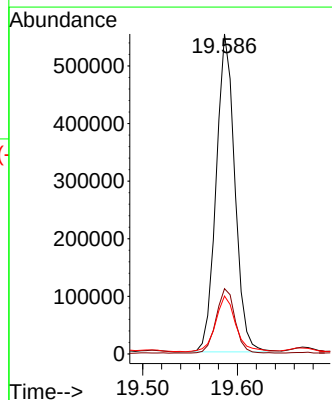
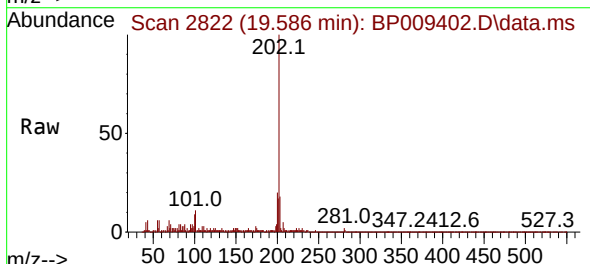
Instrument :
BNA_P
ClientSampleId :
7PH-1-7.5-8

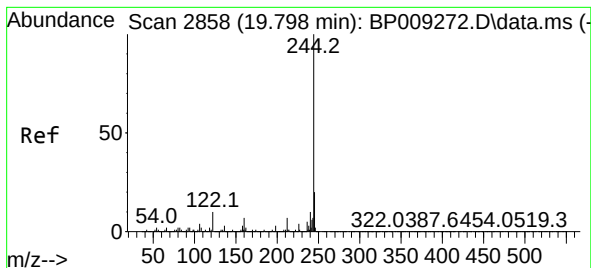
Tgt Ion:240 Resp: 1841754
Ion Ratio Lower Upper
240 100
120 9.3 9.0 13.4
236 25.9 20.6 30.8



#78
Pyrene
Concen: 6.084 ng
RT: 19.586 min Scan# 2822
Delta R.T. -0.006 min
Lab File: BP009402.D
Acq: 15 Mar 2022 17:23

Tgt Ion:202 Resp: 756577
Ion Ratio Lower Upper
202 100
200 20.4 16.8 25.2
203 18.1 14.2 21.4





#79

Terphenyl-d14

Concen: 64.537 ng

RT: 19.792 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP009402.D

Acq: 15 Mar 2022 17:23

Instrument :

BNA_P

ClientSampleId :

7PH-1-7.5-8

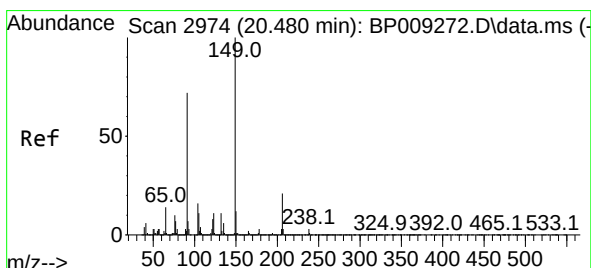
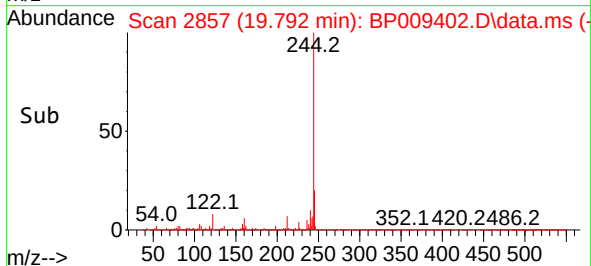
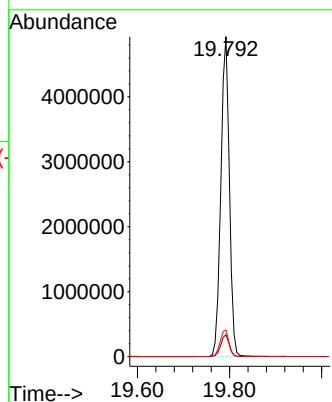
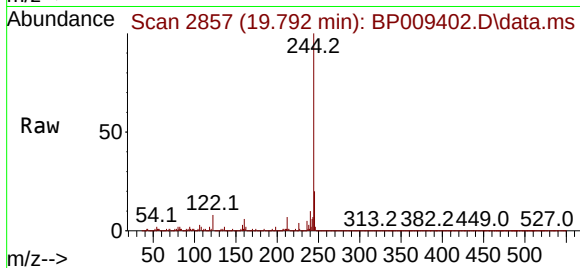
Tgt Ion:244 Resp: 6298557

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.6

122 8.4 8.3 12.5



#80

Butylbenzylphthalate

Concen: 2.785 ng

RT: 20.469 min Scan# 2972

Delta R.T. -0.012 min

Lab File: BP009402.D

Acq: 15 Mar 2022 17:23

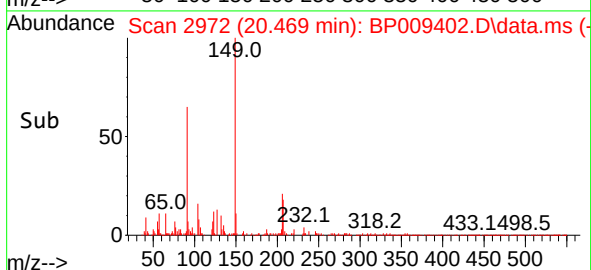
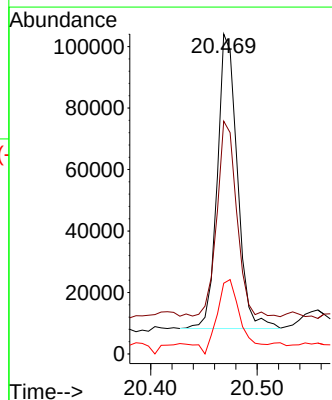
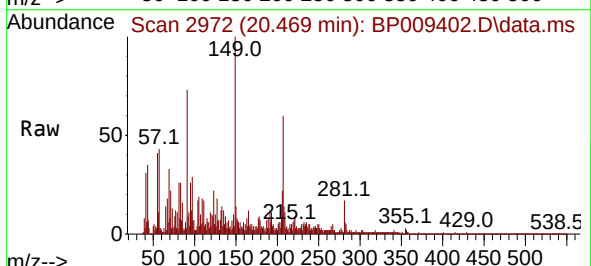
Tgt Ion:149 Resp: 125002

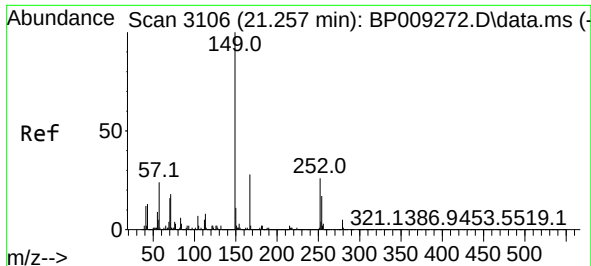
Ion Ratio Lower Upper

149 100

91 72.8 57.9 86.9

206 22.1 16.9 25.3

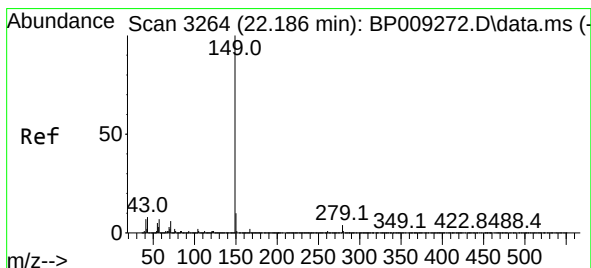
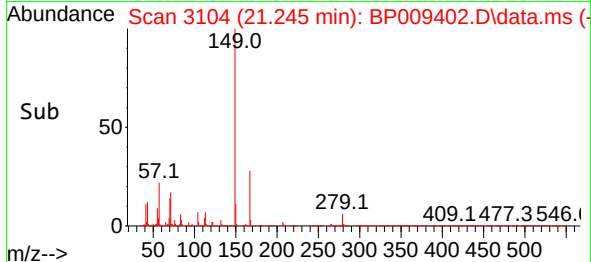
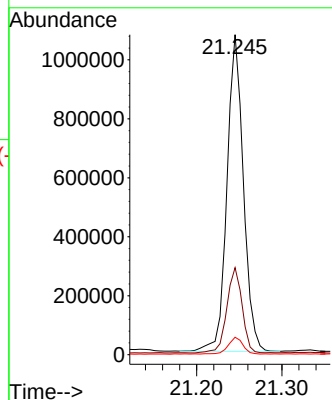
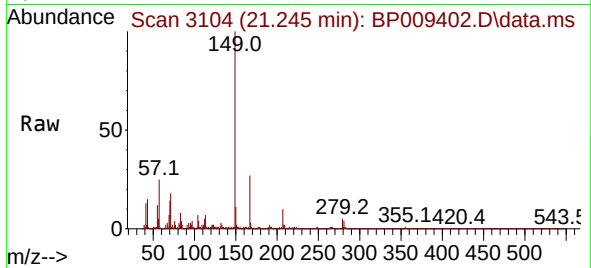




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 19.984 ng
 RT: 21.245 min Scan# 3106
 Delta R.T. -0.012 min
 Lab File: BP009402.D
 Acq: 15 Mar 2022 17:23

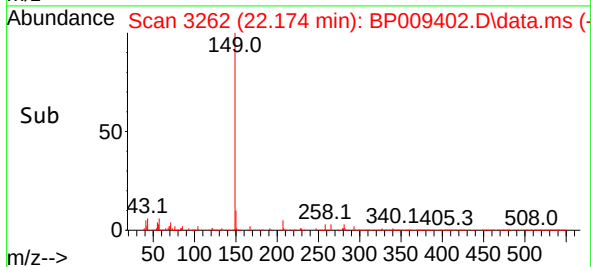
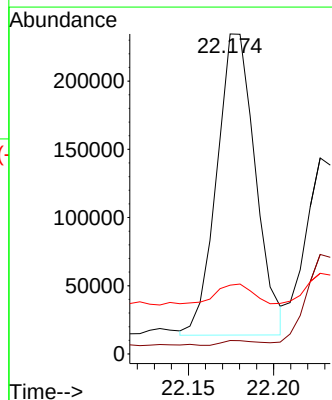
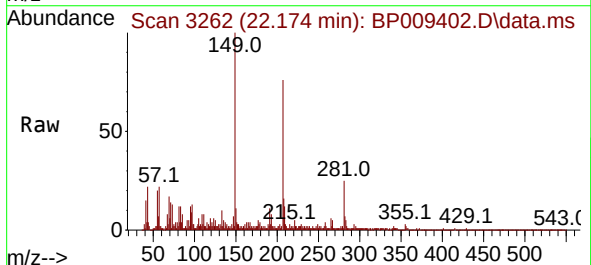
Instrument :
 BNA_P
 ClientSampleId :
 7PH-1-7.5-8

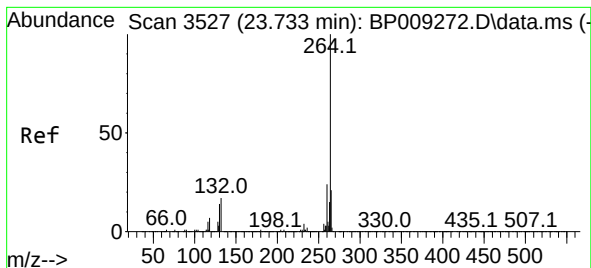
Tgt Ion:149 Resp: 1434525
 Ion Ratio Lower Upper
 149 100
 167 27.2 22.6 33.8
 279 5.5 3.8 5.6



#85
 Di-n-octyl phthalate
 Concen: 2.971 ng
 RT: 22.174 min Scan# 3262
 Delta R.T. -0.012 min
 Lab File: BP009402.D
 Acq: 15 Mar 2022 17:23

Tgt Ion:149 Resp: 349191
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 7.0 6.9 10.3





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.733 min Scan# 31

Delta R.T. -0.000 min

Lab File: BP009402.D

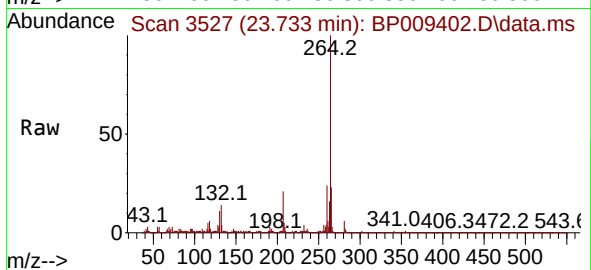
Acq: 15 Mar 2022 17:23

Instrument :

BNA_P

ClientSampleId :

7PH-1-7.5-8



Tgt Ion:264 Resp: 1989522

Ion Ratio Lower Upper

264 100

260 23.7 19.4 29.0

265 22.8 17.2 25.8

