

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031622\
 Data File : BP009425.D
 Acq On : 16 Mar 2022 16:38
 Operator : CG/JU
 Sample : N1922-01RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Mar 17 01:09:16 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)

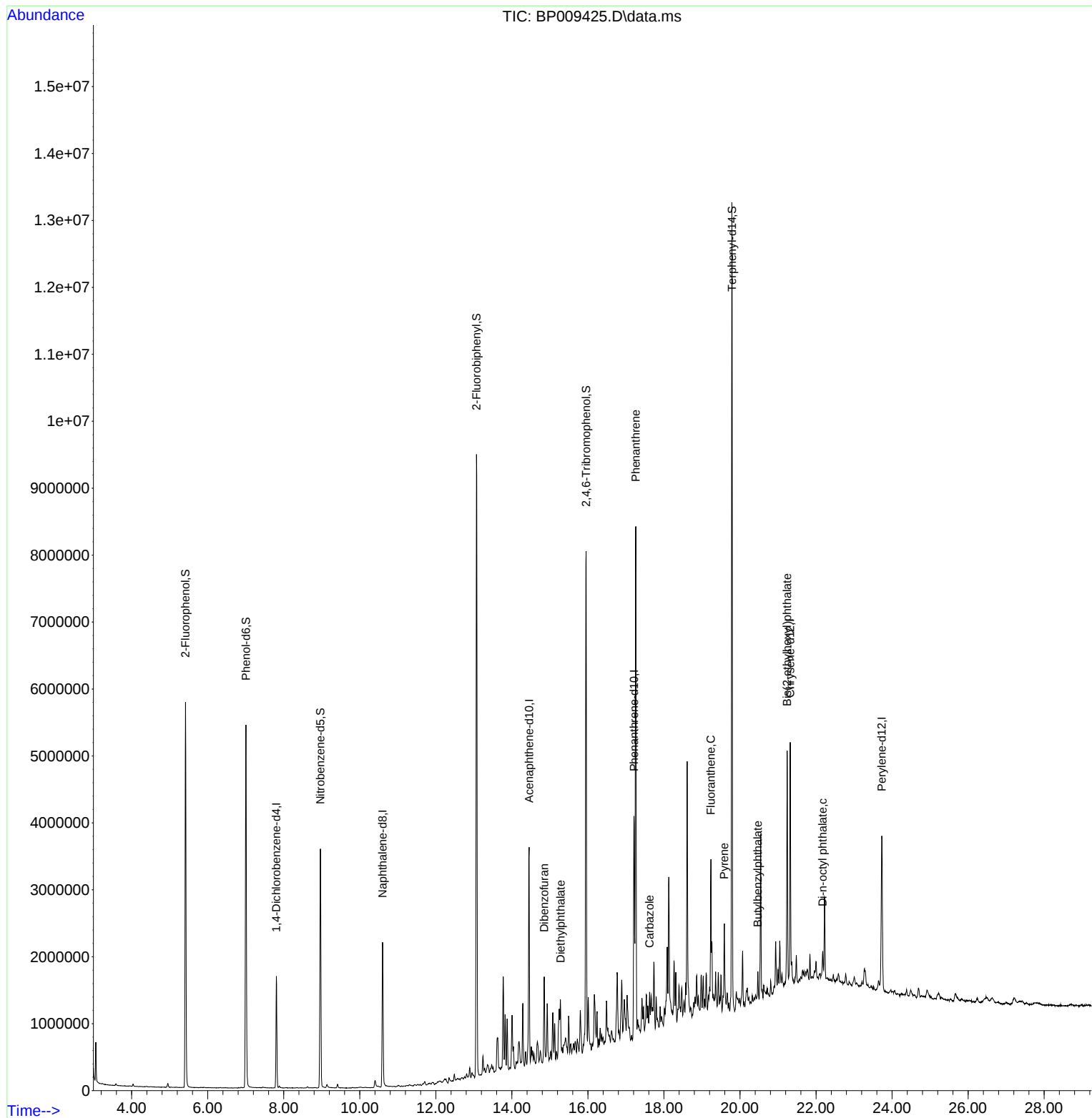
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	496319	20.000	ng	-0.02
21) Naphthalene-d8	10.599	136	2006785	20.000	ng	-0.02
39) Acenaphthene-d10	14.451	164	1214004	20.000	ng	-0.01
64) Phenanthrene-d10	17.210	188	2256847	20.000	ng	-0.01
76) Chrysene-d12	21.322	240	1777783	20.000	ng	0.00
86) Perylene-d12	23.727	264	1905728	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.417	112	2848774	83.783	ng	0.00
7) Phenol-d6	7.005	99	3576969	82.783	ng	0.02
23) Nitrobenzene-d5	8.963	82	2321028	63.703	ng	-0.01
42) 2,4,6-Tribromophenol	15.951	330	1712141	116.797	ng	0.00
45) 2-Fluorobiphenyl	13.069	172	5440233	61.626	ng	-0.02
79) Terphenyl-d14	19.786	244	6664847	70.748	ng	-0.01
Target Compounds						
						Qvalue
55) Dibenzofuran	14.851	168	445206	3.953	ng	# 90
60) Diethylphthalate	15.281	149	365848	4.197	ng	97
71) Phenanthrene	17.257	178	4964069	38.273	ng	100
73) Carbazole	17.622	167	328685	2.794	ng	95
75) Fluoranthene	19.233	202	1172253	7.830	ng	97
78) Pyrene	19.586	202	781229	6.509	ng	99
80) Butylbenzylphthalate	20.469	149	124847	2.882	ng	98
84) Bis(2-ethylhexyl)phtha...	21.239	149	1512066	21.822	ng	99
85) Di-n-octyl phthalate	22.174	149	320185	2.822	ng	96

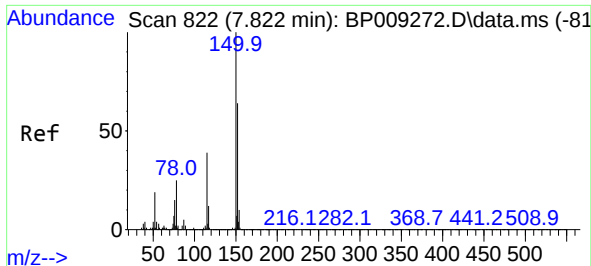
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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7PH-1-7.5-8RE

Quant Time: Mar 17 01:09:16 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

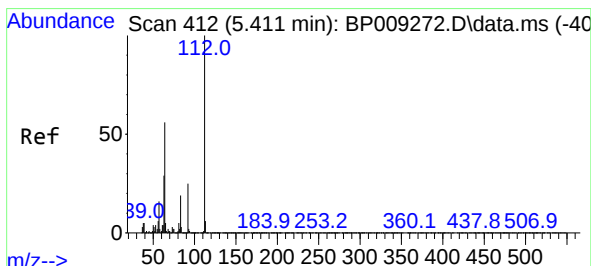
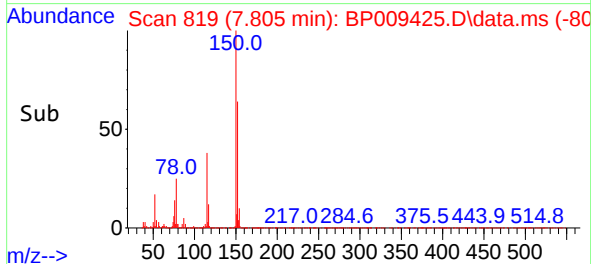
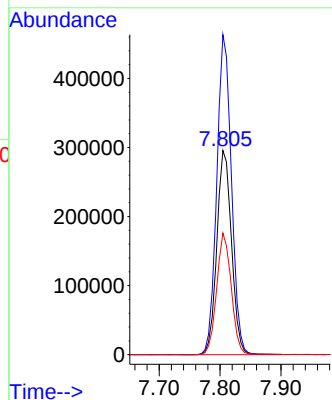
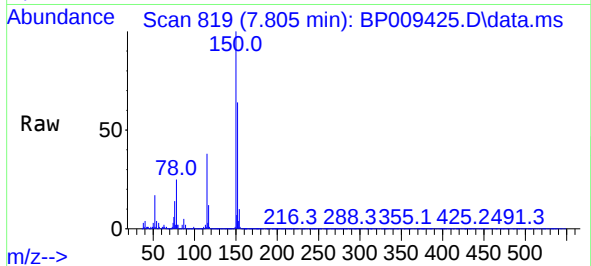




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.805 min Scan# 81
Delta R.T. -0.017 min
Lab File: BP009425.D
Acq: 16 Mar 2022 16:38

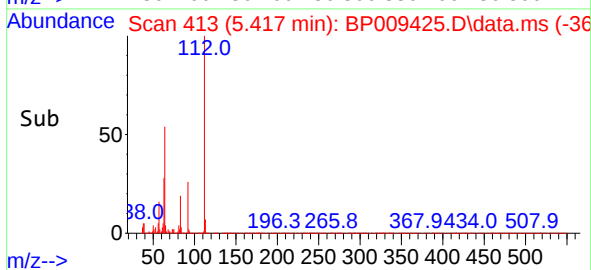
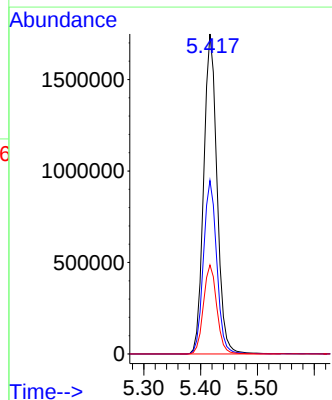
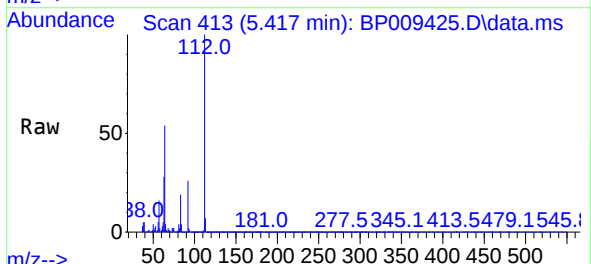
Instrument :
BNA_P
ClientSampleId :
7PH-1-7.5-8RE

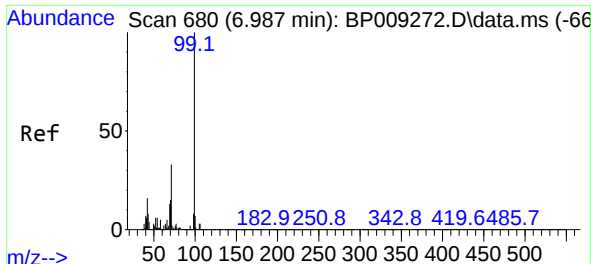
Tgt Ion:152 Resp: 496319
Ion Ratio Lower Upper
152 100
150 156.7 124.5 186.7
115 59.6 48.2 72.4



#5
2-Fluorophenol
Concen: 83.783 ng
RT: 5.417 min Scan# 413
Delta R.T. 0.006 min
Lab File: BP009425.D
Acq: 16 Mar 2022 16:38

Tgt Ion:112 Resp: 2848774
Ion Ratio Lower Upper
112 100
64 54.2 45.0 67.4
63 27.8 23.0 34.6

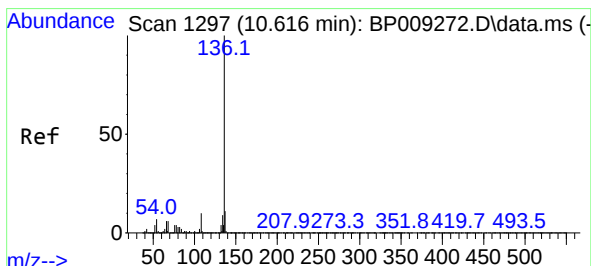
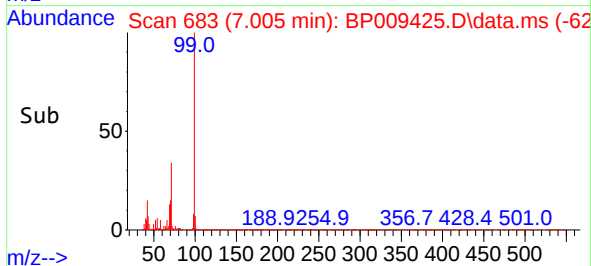
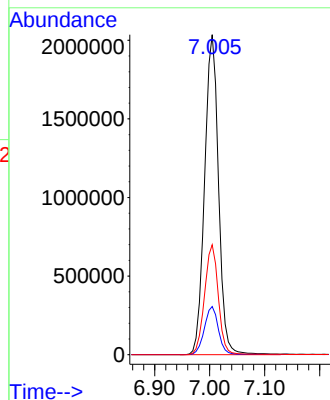
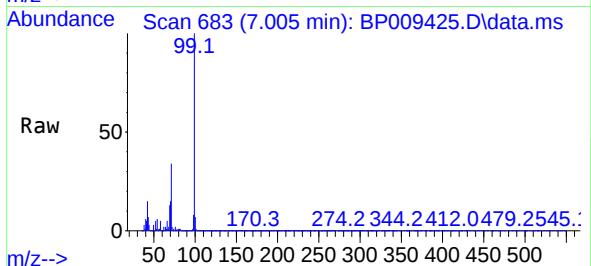




#7
Phenol-d6
Concen: 82.783 ng
RT: 7.005 min Scan# 61
Delta R.T. 0.018 min
Lab File: BP009425.D
Acq: 16 Mar 2022 16:38

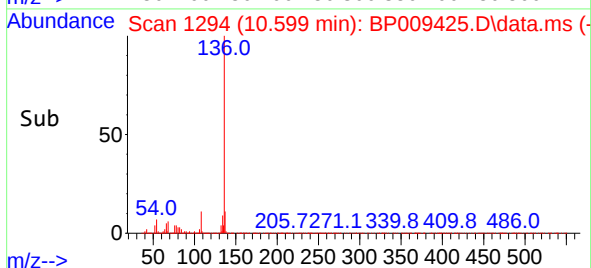
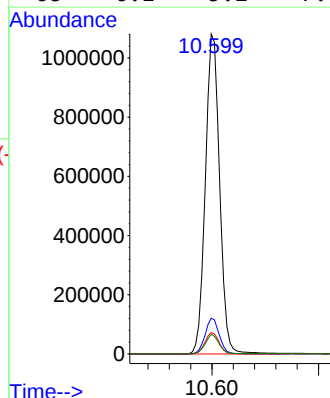
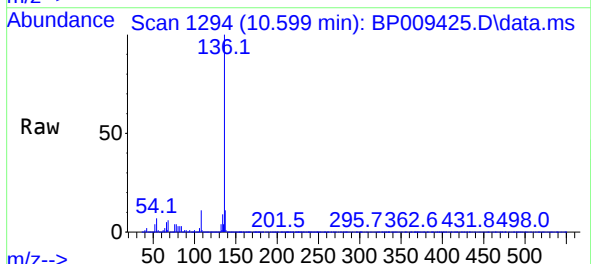
Instrument :
BNA_P
ClientSampleId :
7PH-1-7.5-8RE

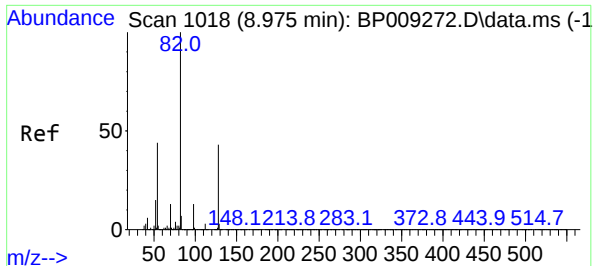
Tgt Ion: 99 Resp: 3576969
Ion Ratio Lower Upper
99 100
42 15.0 12.8 19.2
71 34.3 26.3 39.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.599 min Scan# 1294
Delta R.T. -0.017 min
Lab File: BP009425.D
Acq: 16 Mar 2022 16:38

Tgt Ion: 136 Resp: 2006785
Ion Ratio Lower Upper
136 100
137 11.2 8.6 12.8
54 6.7 5.8 8.8
68 6.1 5.2 7.8





#23

Nitrobenzene-d5

Concen: 63.703 ng

RT: 8.963 min Scan# 1016

Delta R.T. -0.012 min

Lab File: BP009425.D

Acq: 16 Mar 2022 16:38

Instrument :

BNA_P

ClientSampleId :

7PH-1-7.5-8RE

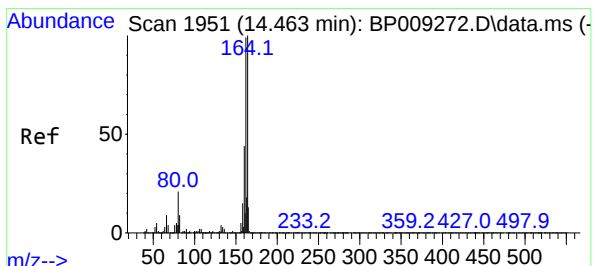
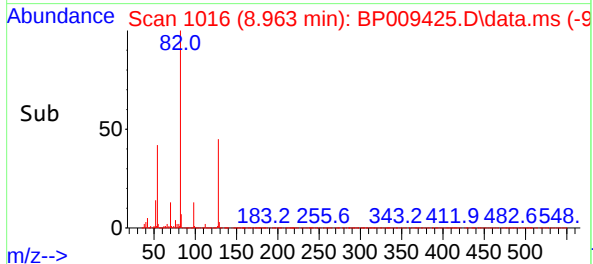
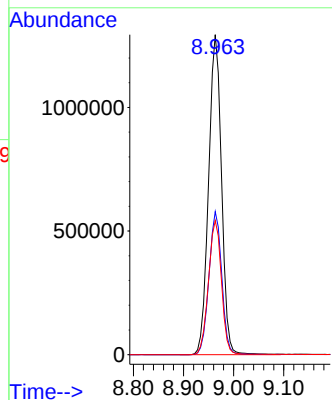
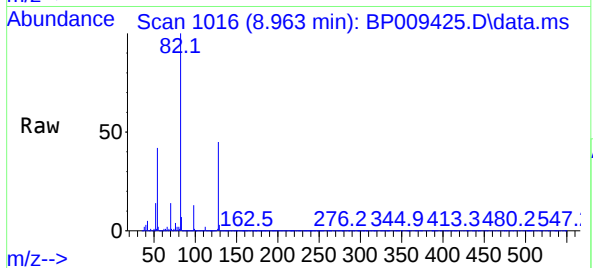
Tgt Ion: 82 Resp: 2321028

Ion Ratio Lower Upper

82 100

128 44.7 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: BP009425.D

Acq: 16 Mar 2022 16:38

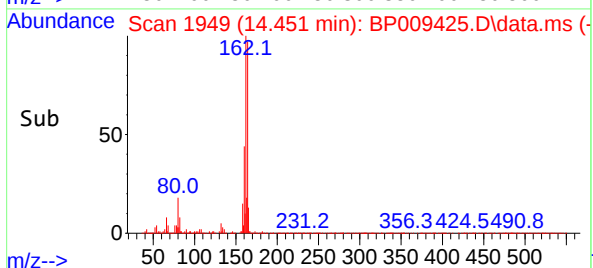
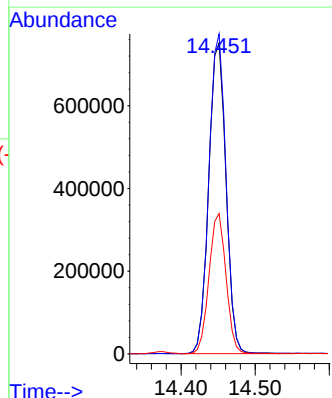
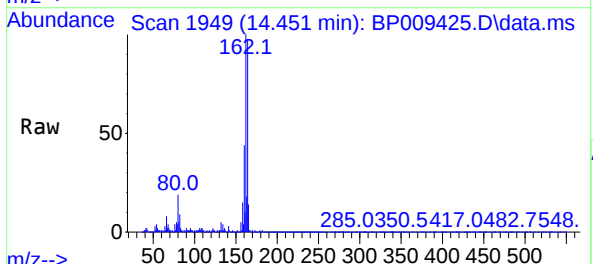
Tgt Ion:164 Resp: 1214004

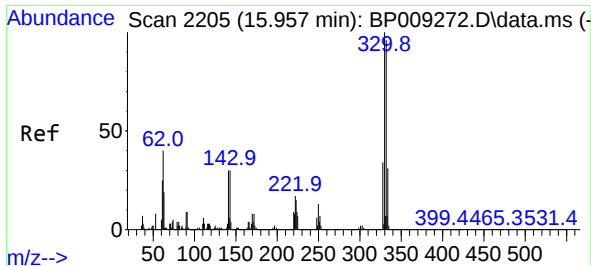
Ion Ratio Lower Upper

164 100

162 103.0 79.1 118.7

160 45.2 34.9 52.3

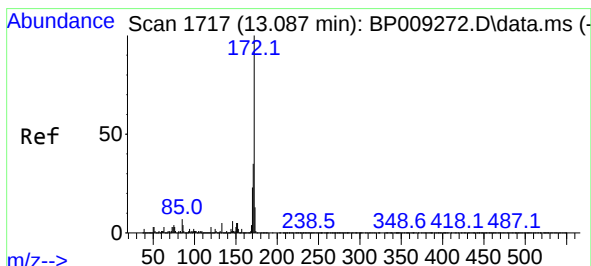
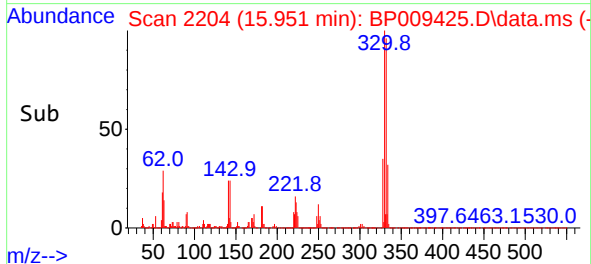
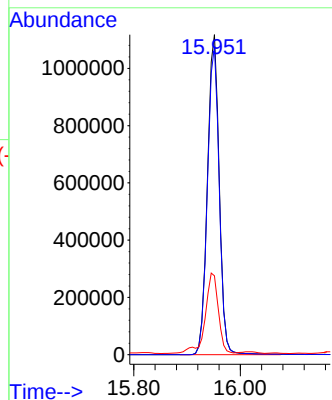
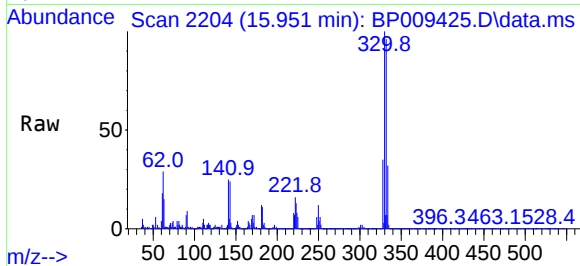




#42
2,4,6-Tribromophenol
Concen: 116.797 ng
RT: 15.951 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP009425.D
Acq: 16 Mar 2022 16:38

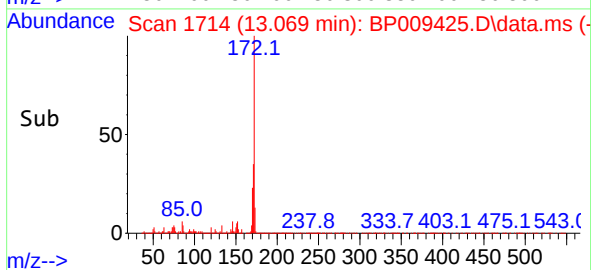
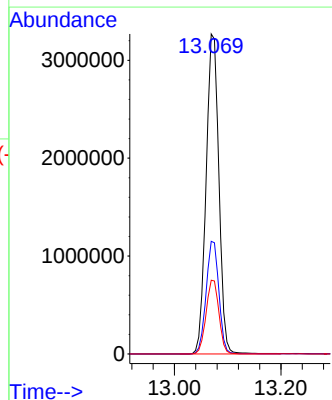
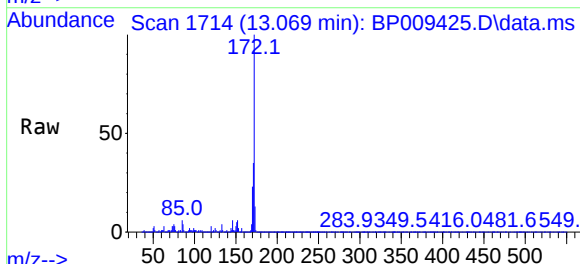
Instrument :
BNA_P
ClientSampleId :
7PH-1-7.5-8RE

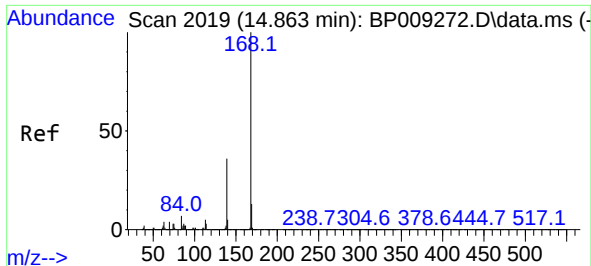
Tgt Ion:330 Resp: 1712141
Ion Ratio Lower Upper
330 100
332 96.6 77.0 115.6
141 28.0 27.6 41.4



#45
2-Fluorobiphenyl
Concen: 61.626 ng
RT: 13.069 min Scan# 1714
Delta R.T. -0.018 min
Lab File: BP009425.D
Acq: 16 Mar 2022 16:38

Tgt Ion:172 Resp: 5440233
Ion Ratio Lower Upper
172 100
171 35.2 28.0 42.0
170 23.1 18.6 27.8

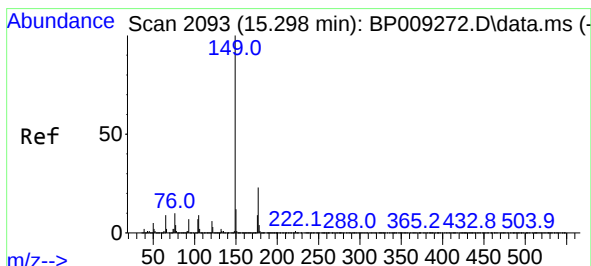
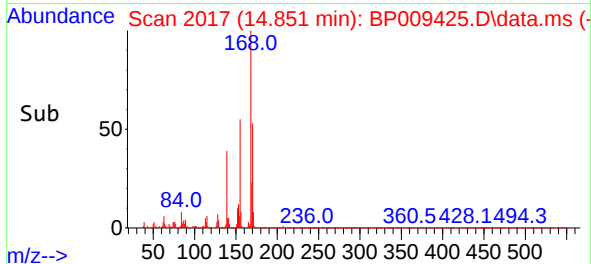
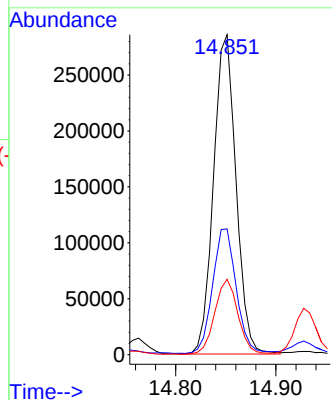
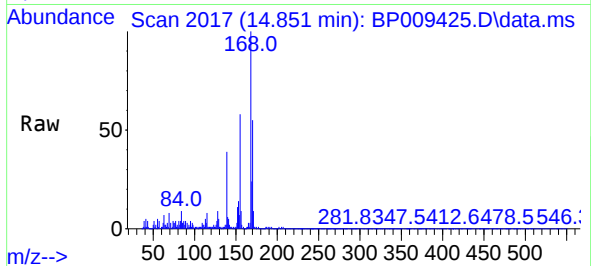




#55
Dibenzofuran
Concen: 3.953 ng
RT: 14.851 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BP009425.D
Acq: 16 Mar 2022 16:38

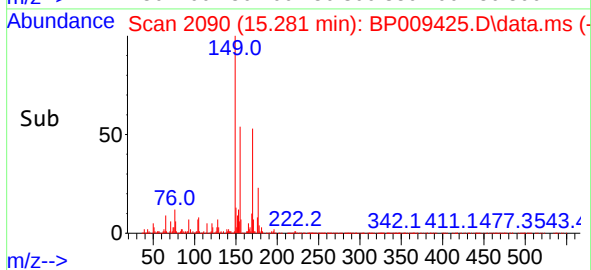
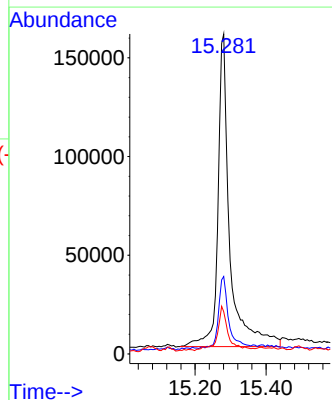
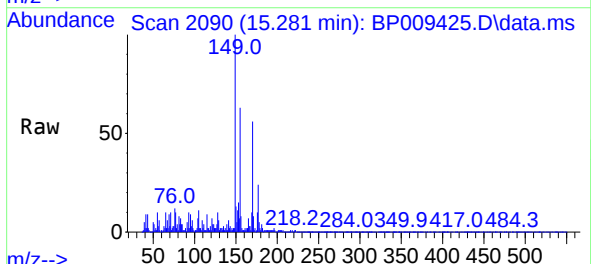
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ClientSampleId :
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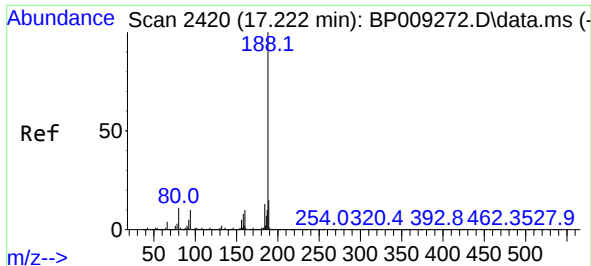
Tgt Ion:168 Resp: 445206
Ion Ratio Lower Upper
168 100
139 39.3 29.1 43.7
169 23.6 10.6 16.0#



#60
Diethylphthalate
Concen: 4.197 ng
RT: 15.281 min Scan# 2090
Delta R.T. -0.018 min
Lab File: BP009425.D
Acq: 16 Mar 2022 16:38

Tgt Ion:149 Resp: 365848
Ion Ratio Lower Upper
149 100
177 24.2 18.2 27.2
150 13.2 9.9 14.9

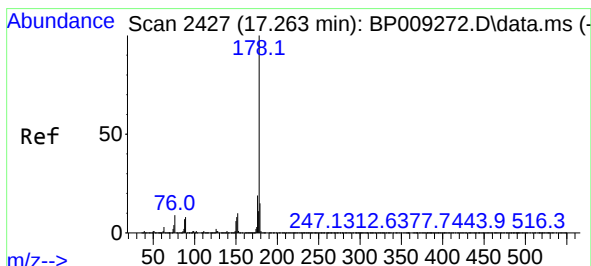
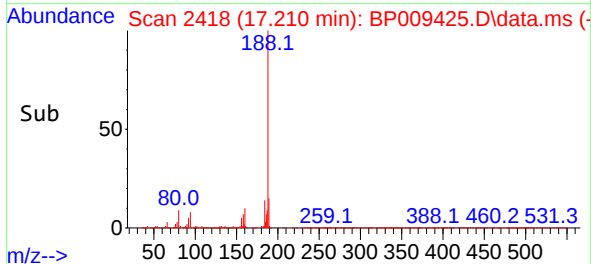
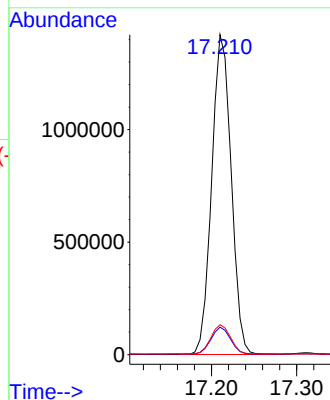
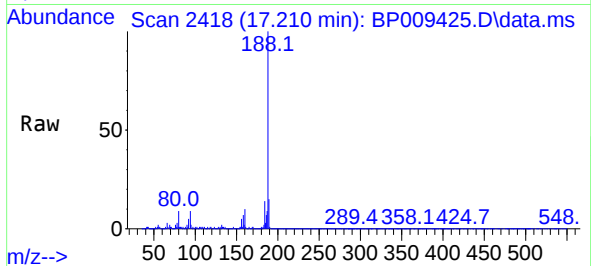




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.210 min Scan# 2418
Delta R.T. -0.012 min
Lab File: BP009425.D
Acq: 16 Mar 2022 16:38

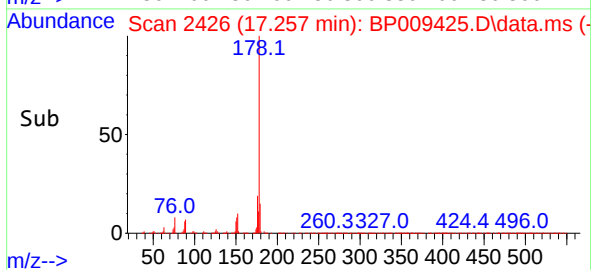
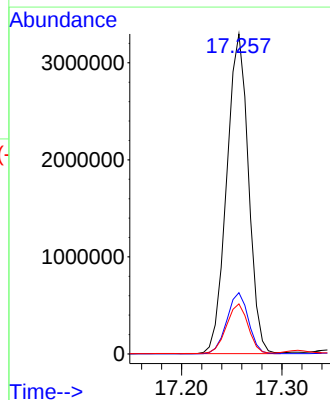
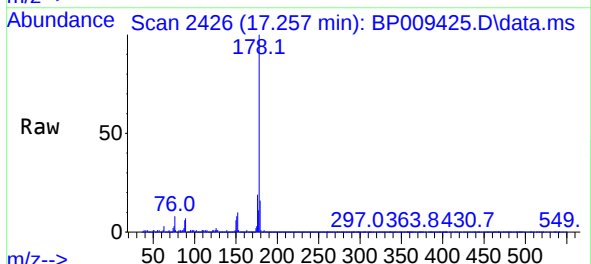
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7PH-1-7.5-8RE

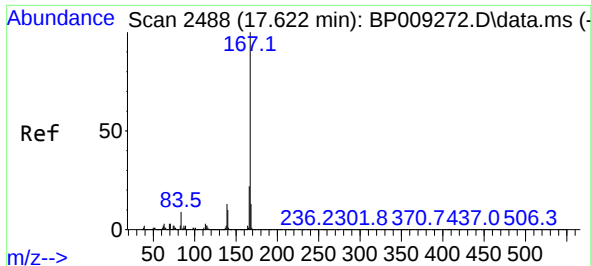
Tgt Ion:188 Resp: 2256847
Ion Ratio Lower Upper
188 100
94 8.6 7.9 11.9
80 9.3 8.8 13.2



#71
Phenanthrene
Concen: 38.273 ng
RT: 17.257 min Scan# 2426
Delta R.T. -0.006 min
Lab File: BP009425.D
Acq: 16 Mar 2022 16:38

Tgt Ion:178 Resp: 4964069
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.2
179 15.7 12.3 18.5

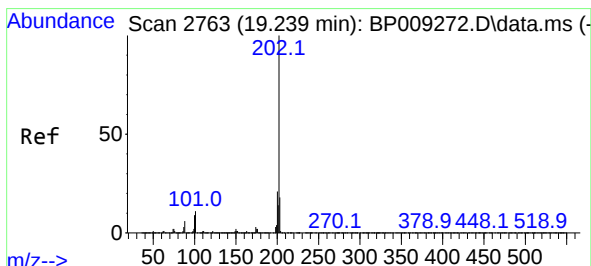
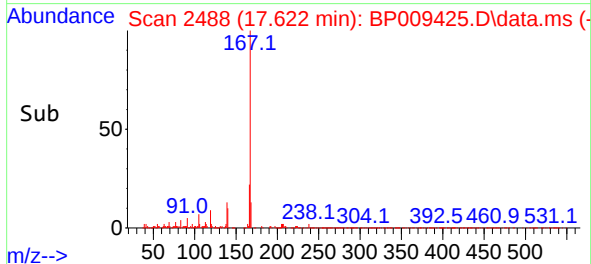
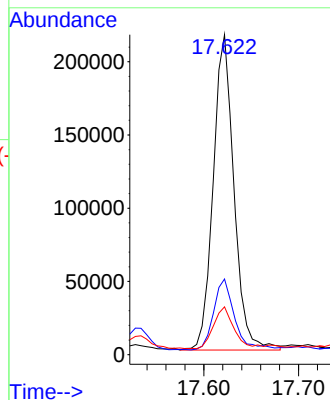
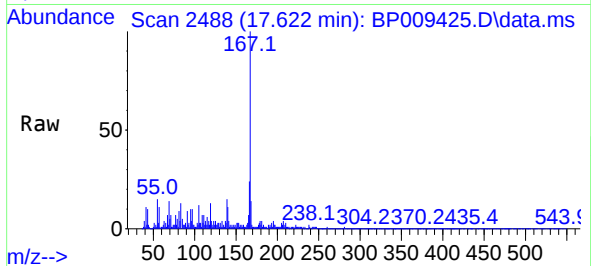




#73
 Carbazole
 Concen: 2.794 ng
 RT: 17.622 min Scan# 2488
 Delta R.T. 0.000 min
 Lab File: BP009425.D
 Acq: 16 Mar 2022 16:38

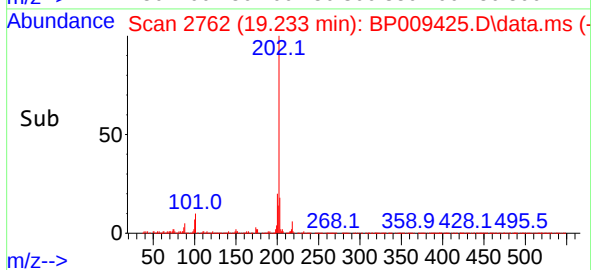
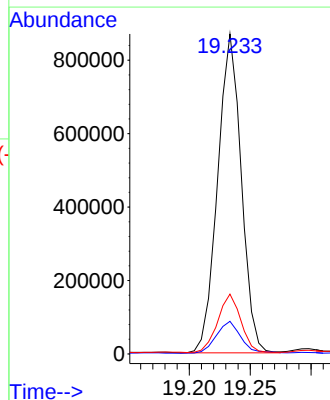
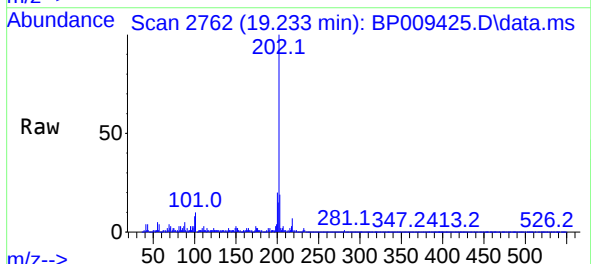
Instrument :
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 ClientSampleId :
 7PH-1-7.5-8RE

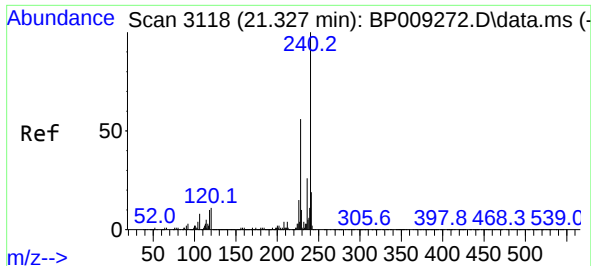
Tgt Ion:	167	Resp:	328685
Ion	Ratio	Lower	Upper
167	100		
166	23.6	17.2	25.8
139	14.9	10.3	15.5



#75
 Fluoranthene
 Concen: 7.830 ng
 RT: 19.233 min Scan# 2762
 Delta R.T. -0.006 min
 Lab File: BP009425.D
 Acq: 16 Mar 2022 16:38

Tgt Ion:	202	Resp:	1172253
Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	31.5
203	18.7	0.0	37.8

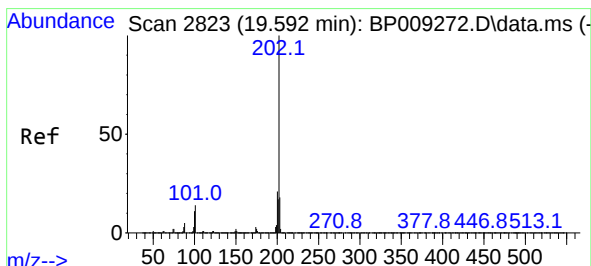
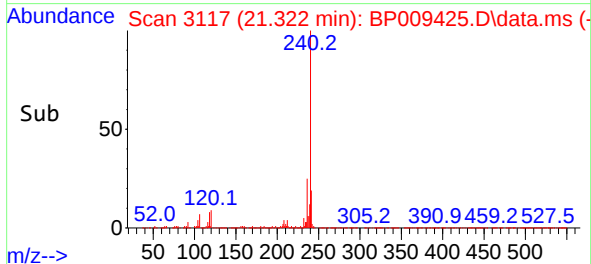
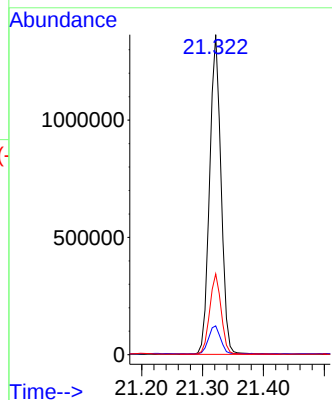
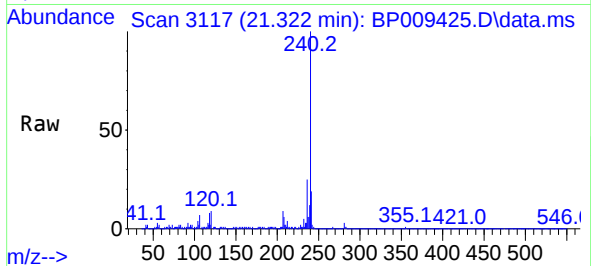




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.322 min Scan# 3118
Delta R.T. -0.006 min
Lab File: BP009425.D
Acq: 16 Mar 2022 16:38

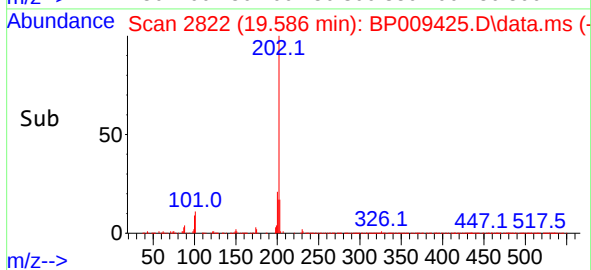
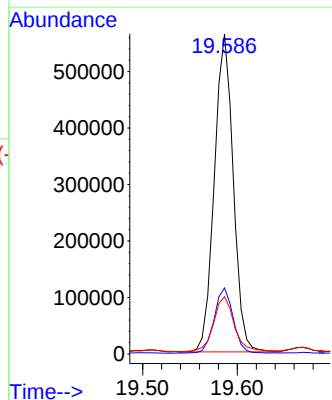
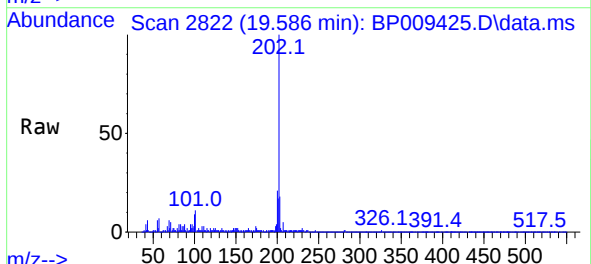
Instrument :
BNA_P
ClientSampleId :
7PH-1-7.5-8RE

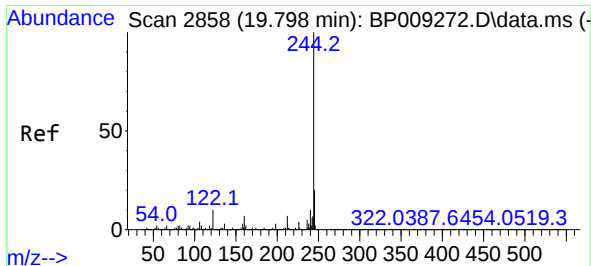
Tgt Ion:240 Resp: 1777783
Ion Ratio Lower Upper
240 100
120 9.0 9.0 13.4
236 25.2 20.6 30.8



#78
Pyrene
Concen: 6.509 ng
RT: 19.586 min Scan# 2822
Delta R.T. -0.006 min
Lab File: BP009425.D
Acq: 16 Mar 2022 16:38

Tgt Ion:202 Resp: 781229
Ion Ratio Lower Upper
202 100
200 20.6 16.8 25.2
203 17.9 14.2 21.4

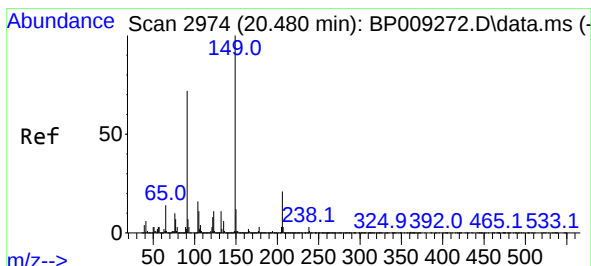
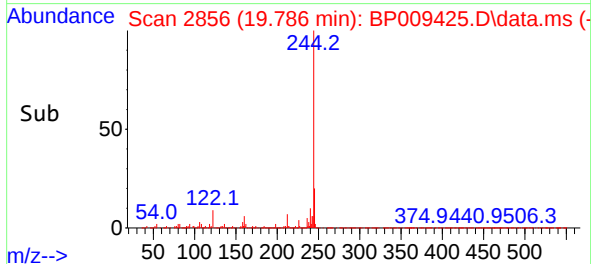
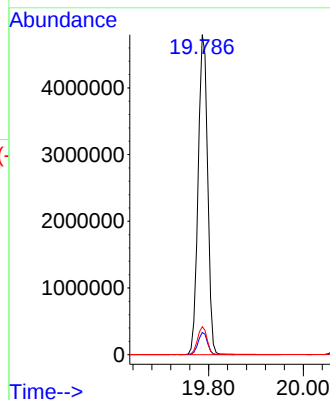
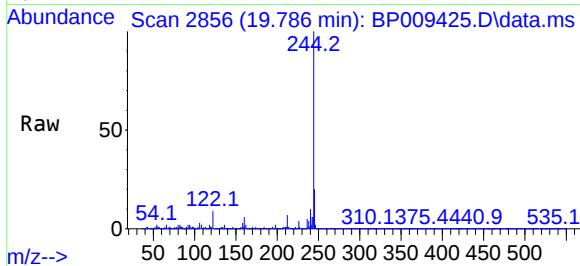




#79
 Terphenyl-d14
 Concen: 70.748 ng
 RT: 19.786 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BP009425.D
 Acq: 16 Mar 2022 16:38

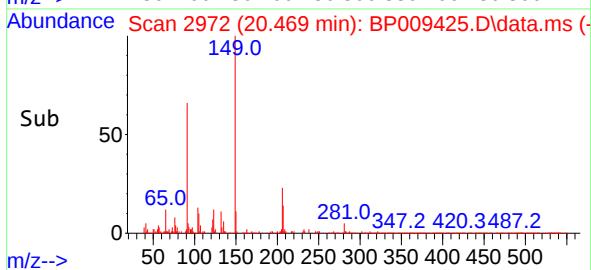
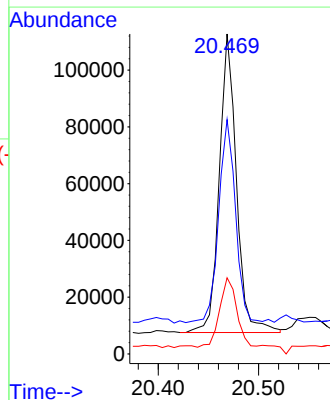
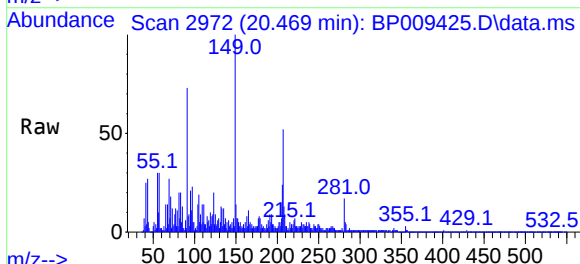
Instrument :
 BNA_P
 ClientSampleId :
 7PH-1-7.5-8RE

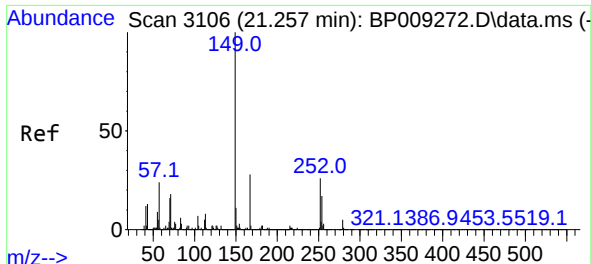
Tgt Ion:244 Resp: 6664847
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.6
 122 8.8 8.3 12.5



#80
 Butylbenzylphthalate
 Concen: 2.882 ng
 RT: 20.469 min Scan# 2972
 Delta R.T. -0.012 min
 Lab File: BP009425.D
 Acq: 16 Mar 2022 16:38

Tgt Ion:149 Resp: 124847
 Ion Ratio Lower Upper
 149 100
 91 73.3 57.9 86.9
 206 23.8 16.9 25.3

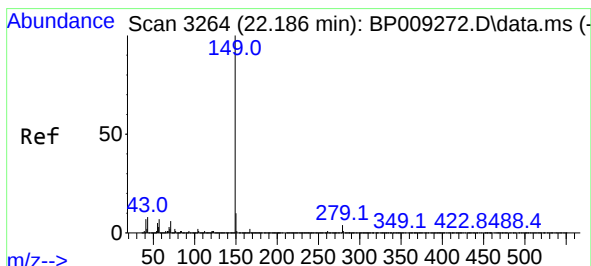
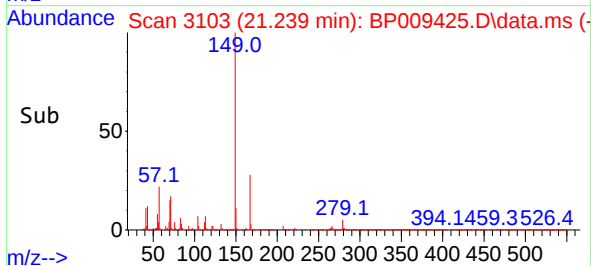
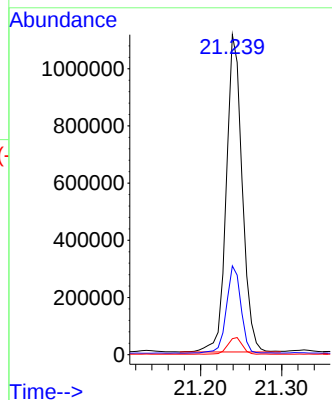
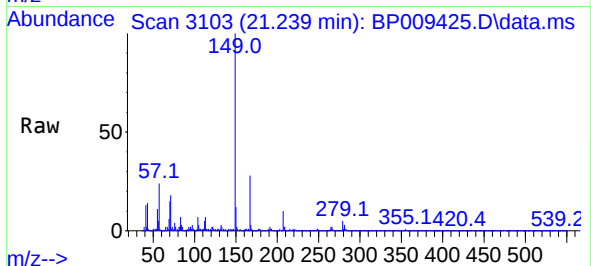




#84
Bis(2-ethylhexyl)phthalate
Concen: 21.822 ng
RT: 21.239 min Scan# 3106
Delta R.T. -0.018 min
Lab File: BP009425.D
Acq: 16 Mar 2022 16:38

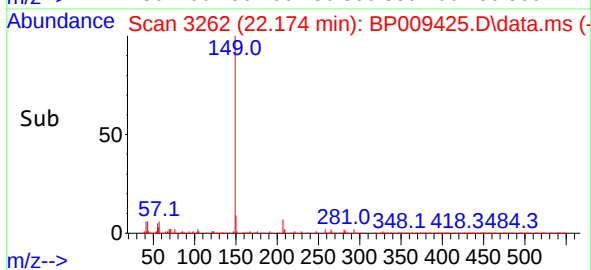
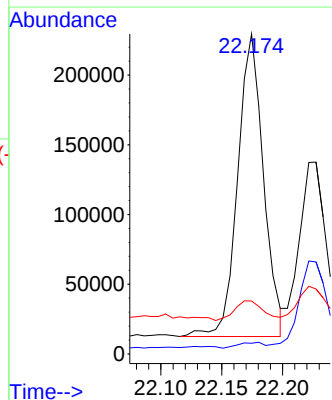
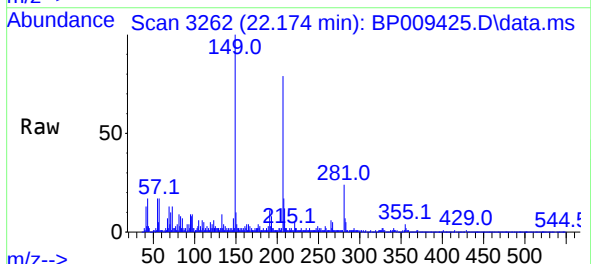
Instrument :
BNA_P
ClientSampleId :
7PH-1-7.5-8RE

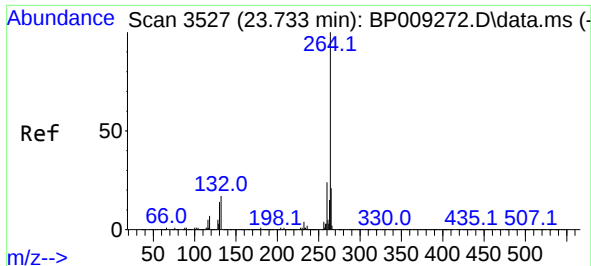
Tgt Ion:149 Resp: 1512066
Ion Ratio Lower Upper
149 100
167 27.7 22.6 33.8
279 5.0 3.8 5.6



#85
Di-n-octyl phthalate
Concen: 2.822 ng
RT: 22.174 min Scan# 3262
Delta R.T. -0.012 min
Lab File: BP009425.D
Acq: 16 Mar 2022 16:38

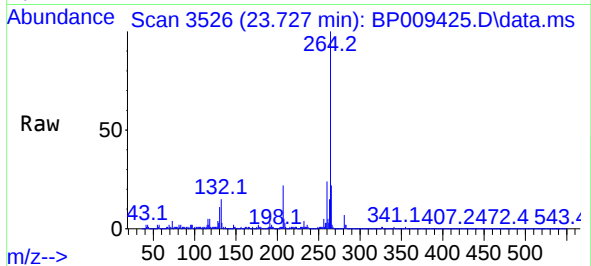
Tgt Ion:149 Resp: 320185
Ion Ratio Lower Upper
149 100
167 1.9 1.3 1.9
43 7.1 6.9 10.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.727 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP009425.D
Acq: 16 Mar 2022 16:38

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



Tgt Ion:264 Resp: 1905728

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.0
265	22.2	17.2	25.8

