

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032922\
 Data File : BP009598.D
 Acq On : 29 Mar 2022 17:24
 Operator : CG/JU
 Sample : N2095-15
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-15-5.0-6.0

Quant Time: Mar 30 04:09:23 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 30 04:00:13 2022
 Response via : Initial Calibration

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

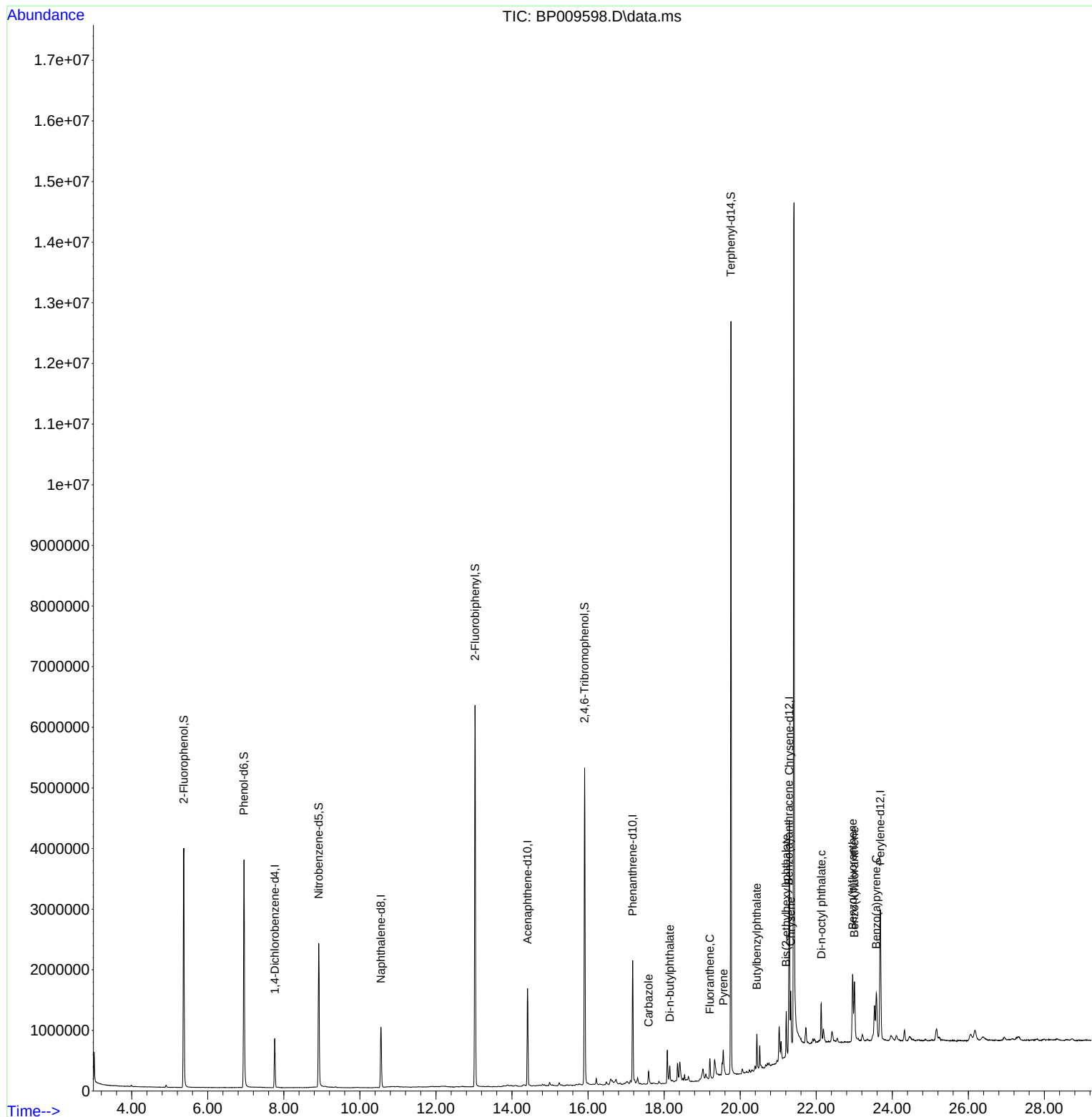
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	252355	20.000	ng	0.00
21) Naphthalene-d8	10.557	136	969773	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	611365	20.000	ng	0.00
64) Phenanthrene-d10	17.175	188	1327615	20.000	ng	0.00
76) Chrysene-d12	21.292	240	1839153	20.000	ng	0.00
86) Perylene-d12	23.686	264	1821141	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	2070581	143.254	ng	0.00
7) Phenol-d6	6.952	99	2585572	132.276	ng	0.00
23) Nitrobenzene-d5	8.916	82	1592526	87.265	ng	0.00
42) 2,4,6-Tribromophenol	15.910	330	1166240	115.600	ng	0.00
45) 2-Fluorobiphenyl	13.028	172	3572277	81.003	ng	0.00
79) Terphenyl-d14	19.757	244	6482787	63.268	ng	0.00
Target Compounds						
						Qvalue
73) Carbazole	17.592	167	188335	2.745	ng	100
74) Di-n-butylphthalate	18.151	149	253096	3.147	ng	99
75) Fluoranthene	19.204	202	267834	3.113	ng	98
78) Pyrene	19.557	202	319986	2.640	ng	99
80) Butylbenzylphthalate	20.439	149	224106	4.351	ng	98
81) Benzo(a)anthracene	21.280	228	597134	4.942	ng	99
83) Chrysene	21.327	228	654373	5.719	ng	99
84) Bis(2-ethylhexyl)phtha...	21.210	149	320831	4.468	ng	97
85) Di-n-octyl phthalate	22.133	149	518396	4.189	ng	98
88) Benzo(b)fluoranthene	22.957	252	867978	7.984	ng	99
89) Benzo(k)fluoranthene	23.004	252	967111	9.086	ng	98
90) Benzo(a)pyrene	23.580	252	632419	6.799	ng	98

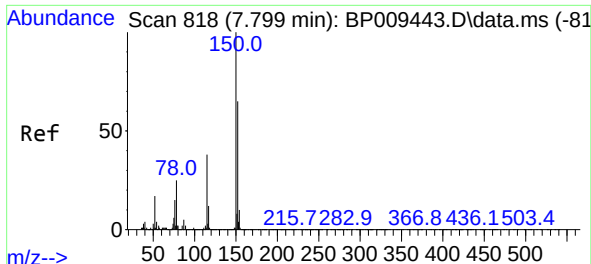
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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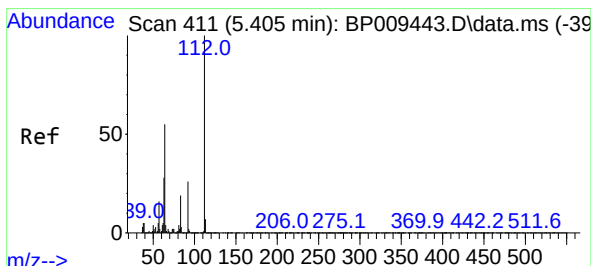
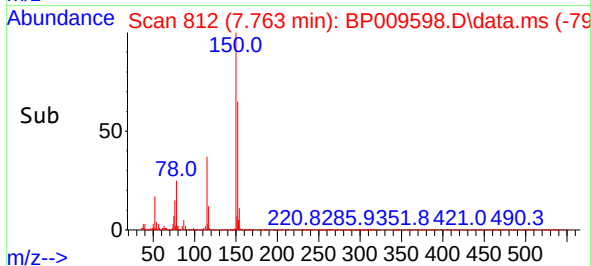
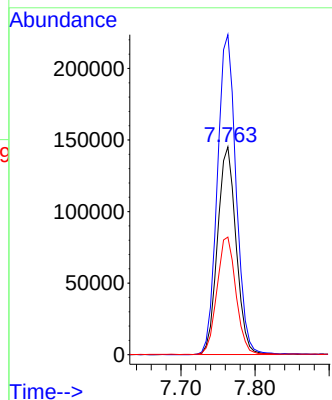
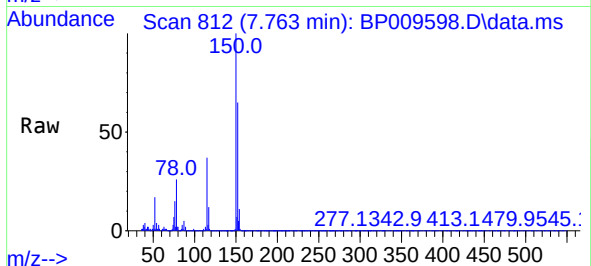




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP009598.D
Acq: 29 Mar 2022 17:24

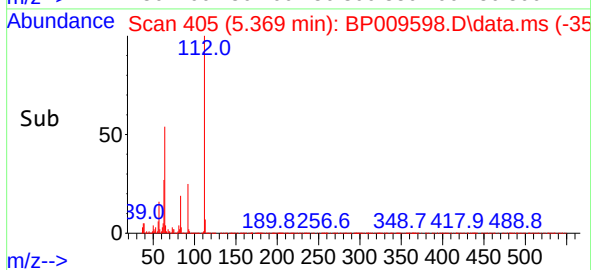
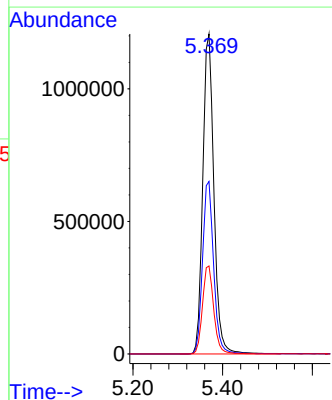
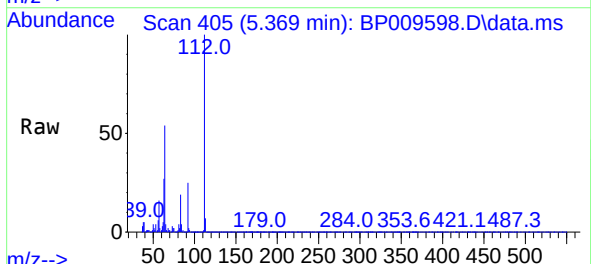
Instrument :
BNA_P
ClientSampleId :
SB-15-5.0-6.0

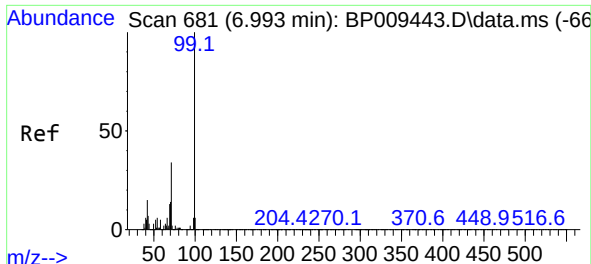
Tgt Ion:152 Resp: 252355
Ion Ratio Lower Upper
152 100
150 153.9 124.5 186.7
115 56.6 48.2 72.4



#5
2-Fluorophenol
Concen: 143.254 ng
RT: 5.369 min Scan# 405
Delta R.T. 0.000 min
Lab File: BP009598.D
Acq: 29 Mar 2022 17:24

Tgt Ion:112 Resp: 2070581
Ion Ratio Lower Upper
112 100
64 53.9 45.0 67.4
63 27.5 23.0 34.6



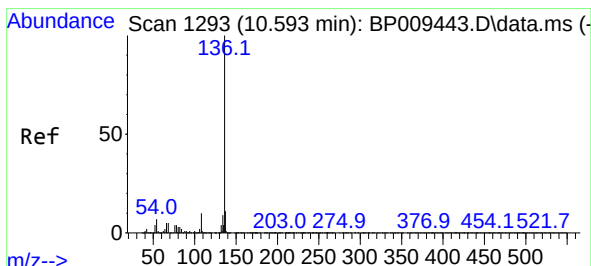
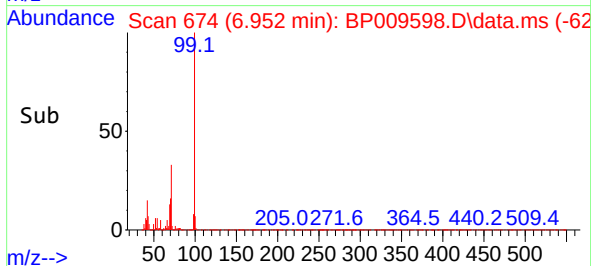
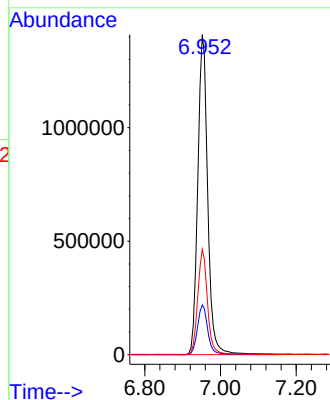
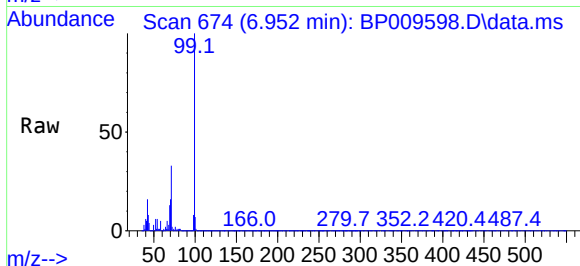


#7
Phenol-d6
Concen: 132.276 ng
RT: 6.952 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP009598.D
Acq: 29 Mar 2022 17:24

Instrument :
BNA_P
ClientSampleId :
SB-15-5.0-6.0

Tgt Ion: 99 Resp: 2585572

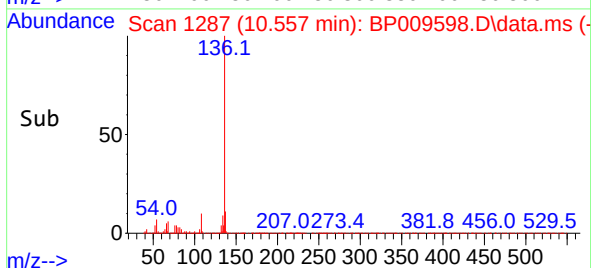
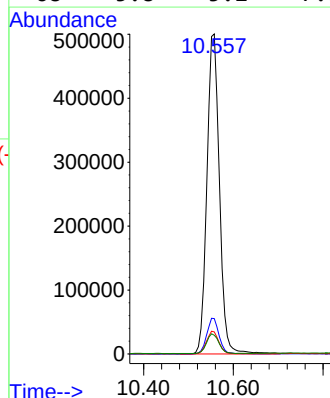
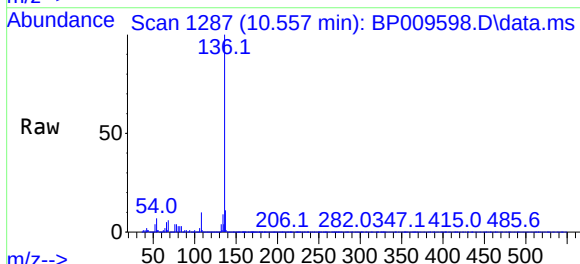
Ion	Ratio	Lower	Upper
99	100		
42	15.6	12.8	19.2
71	33.0	26.3	39.5

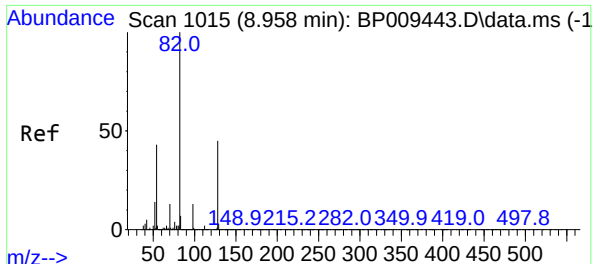


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.557 min Scan# 1287
Delta R.T. 0.000 min
Lab File: BP009598.D
Acq: 29 Mar 2022 17:24

Tgt Ion:136 Resp: 969773

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	6.9	5.8	8.8
68	5.8	5.2	7.8





#23

Nitrobenzene-d5

Concen: 87.265 ng

RT: 8.916 min Scan# 1015

Delta R.T. -0.006 min

Lab File: BP009598.D

Acq: 29 Mar 2022 17:24

Instrument :

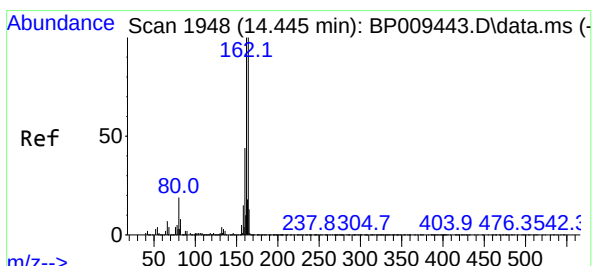
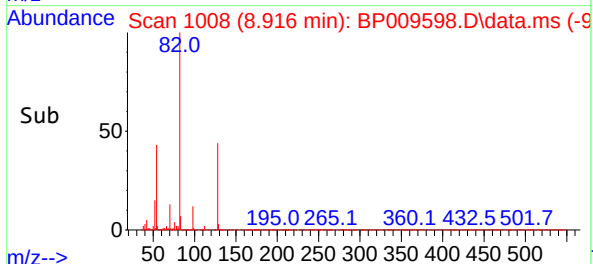
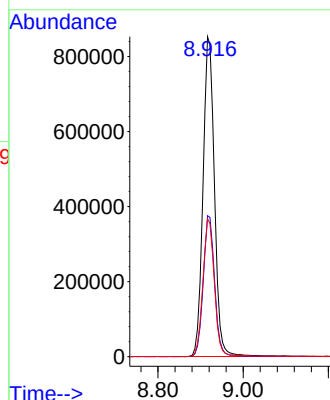
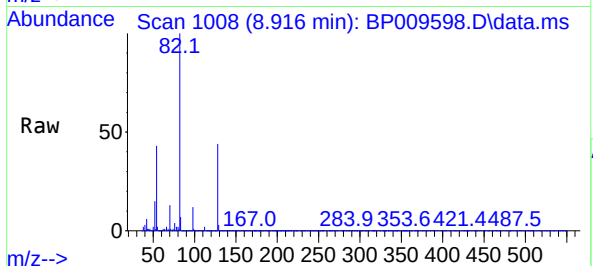
BNA_P

ClientSampleId :

SB-15-5.0-6.0

Tgt Ion: 82 Resp: 1592526

Ion	Ratio	Lower	Upper
82	100		
128	44.1	34.2	51.4
54	43.2	34.7	52.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.410 min Scan# 1942

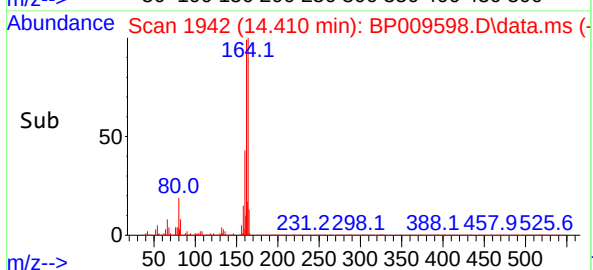
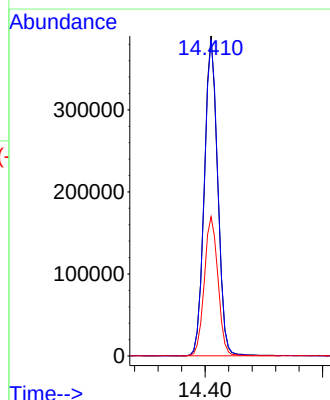
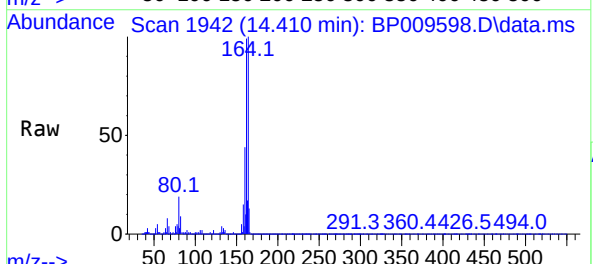
Delta R.T. 0.000 min

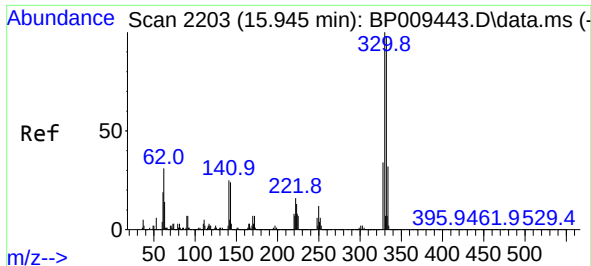
Lab File: BP009598.D

Acq: 29 Mar 2022 17:24

Tgt Ion: 164 Resp: 611365

Ion	Ratio	Lower	Upper
164	100		
162	99.0	79.1	118.7
160	43.5	34.9	52.3

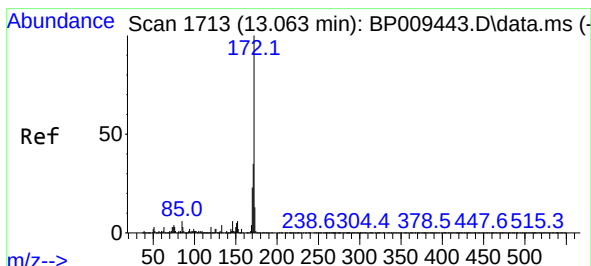
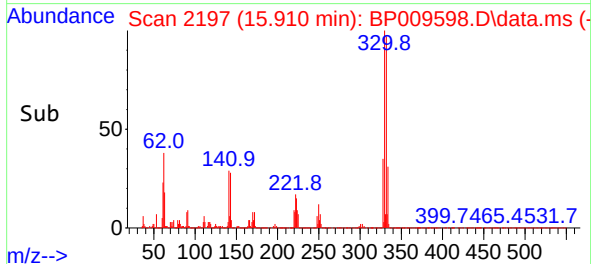
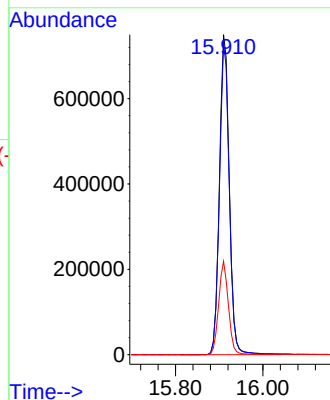
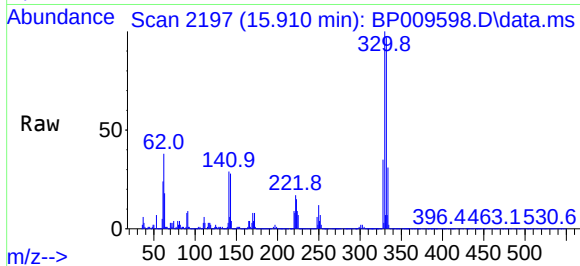




#42
2,4,6-Tribromophenol
Concen: 115.600 ng
RT: 15.910 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP009598.D
Acq: 29 Mar 2022 17:24

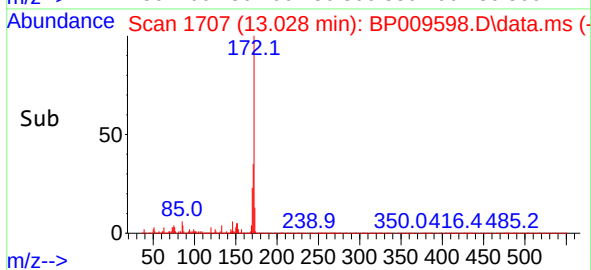
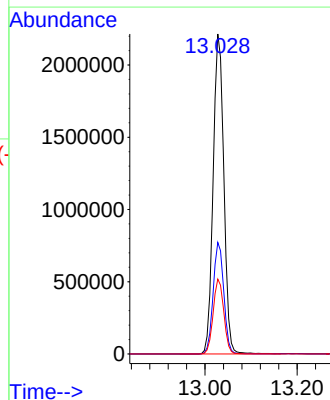
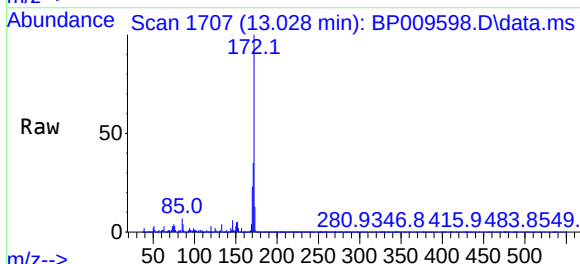
Instrument :
BNA_P
ClientSampleId :
SB-15-5.0-6.0

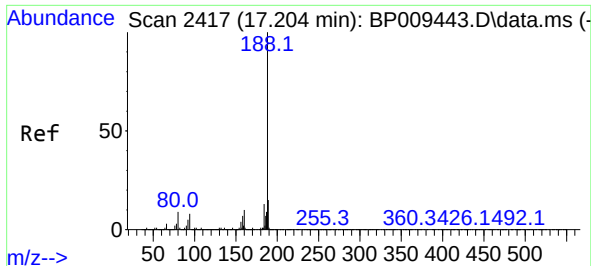
Tgt Ion:330 Resp: 1166240
Ion Ratio Lower Upper
330 100
332 97.0 77.0 115.6
141 28.8 27.6 41.4



#45
2-Fluorobiphenyl
Concen: 81.003 ng
RT: 13.028 min Scan# 1707
Delta R.T. -0.006 min
Lab File: BP009598.D
Acq: 29 Mar 2022 17:24

Tgt Ion:172 Resp: 3572277
Ion Ratio Lower Upper
172 100
171 34.8 28.0 42.0
170 23.4 18.6 27.8

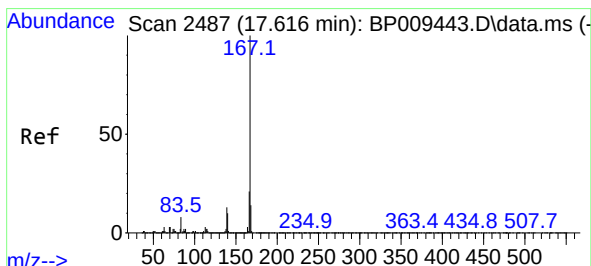
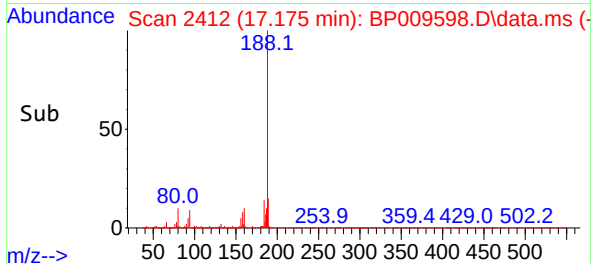
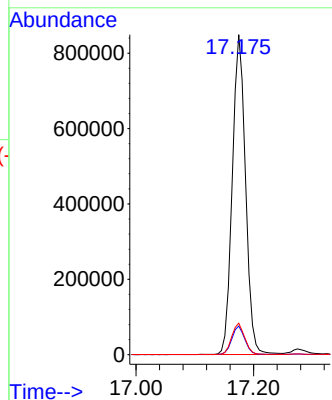
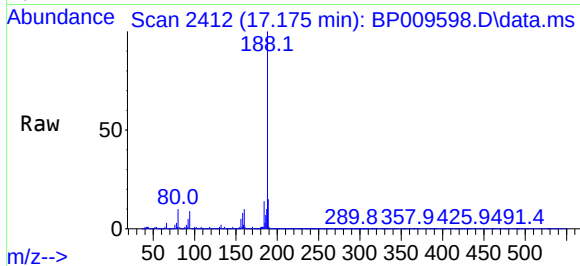




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.175 min Scan# 2412
Delta R.T. 0.000 min
Lab File: BP009598.D
Acq: 29 Mar 2022 17:24

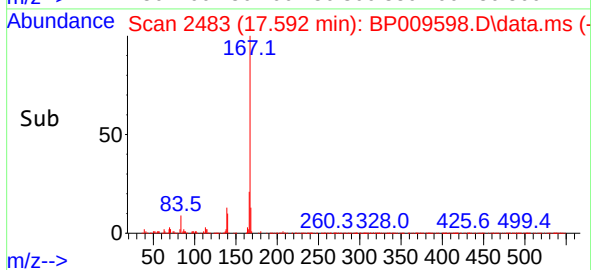
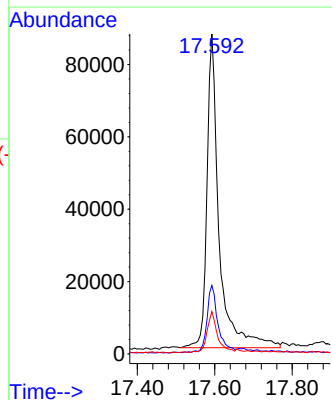
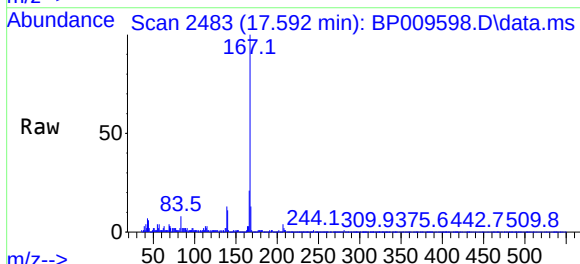
Instrument :
BNA_P
ClientSampleId :
SB-15-5.0-6.0

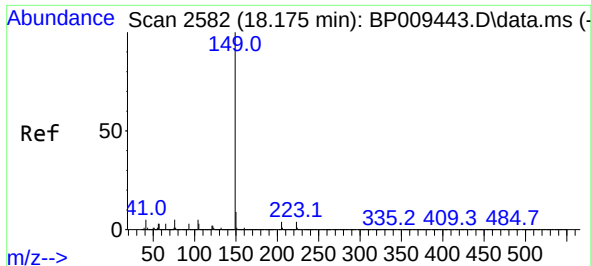
Tgt Ion:188 Resp: 1327615
Ion Ratio Lower Upper
188 100
94 8.9 7.9 11.9
80 9.8 8.8 13.2



#73
Carbazole
Concen: 2.745 ng
RT: 17.592 min Scan# 2483
Delta R.T. 0.006 min
Lab File: BP009598.D
Acq: 29 Mar 2022 17:24

Tgt Ion:167 Resp: 188335
Ion Ratio Lower Upper
167 100
166 21.4 17.2 25.8
139 13.3 10.3 15.5

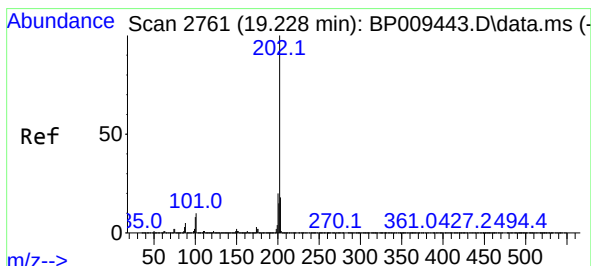
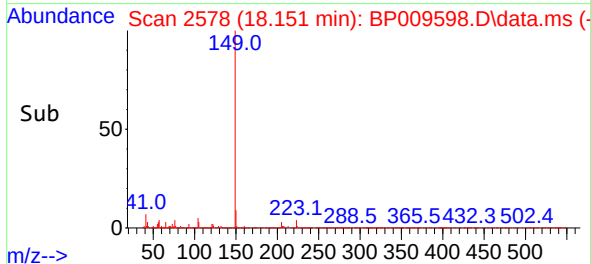
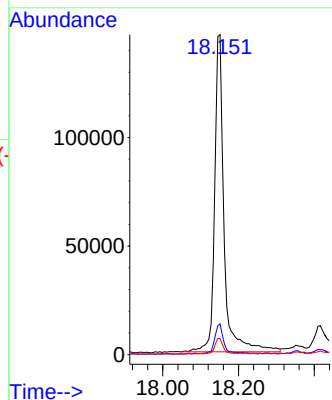
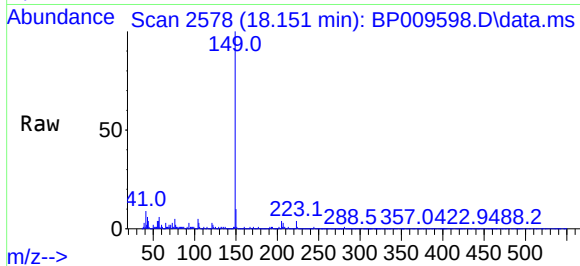




#74
Di-n-butylphthalate
Concen: 3.147 ng
RT: 18.151 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP009598.D
Acq: 29 Mar 2022 17:24

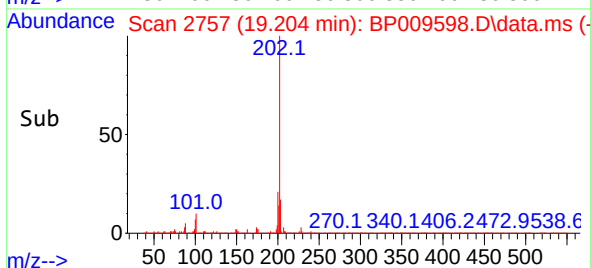
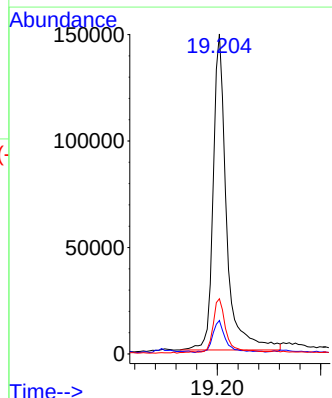
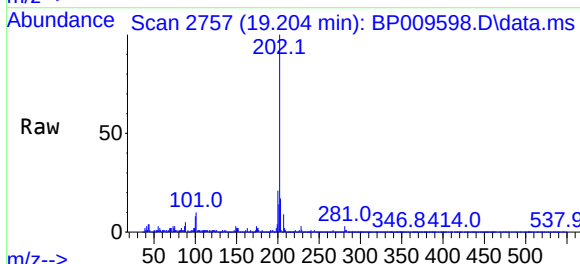
Instrument :
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ClientSampleId :
SB-15-5.0-6.0

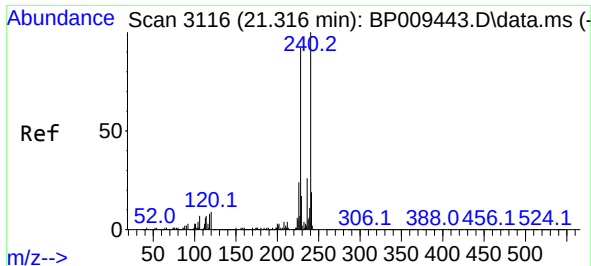
Tgt Ion:149 Resp: 253096
Ion Ratio Lower Upper
149 100
150 9.6 7.3 10.9
104 5.0 4.2 6.2



#75
Fluoranthene
Concen: 3.113 ng
RT: 19.204 min Scan# 2757
Delta R.T. 0.000 min
Lab File: BP009598.D
Acq: 29 Mar 2022 17:24

Tgt Ion:202 Resp: 267834
Ion Ratio Lower Upper
202 100
101 10.5 0.0 31.5
203 17.3 0.0 37.8

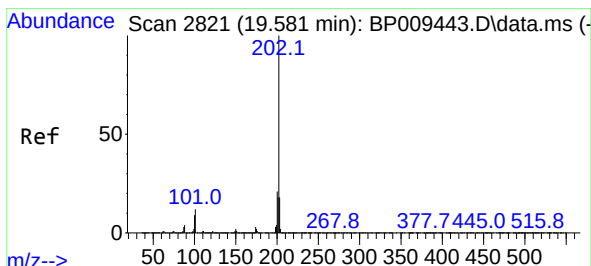
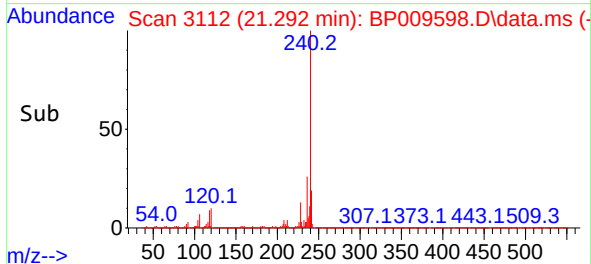
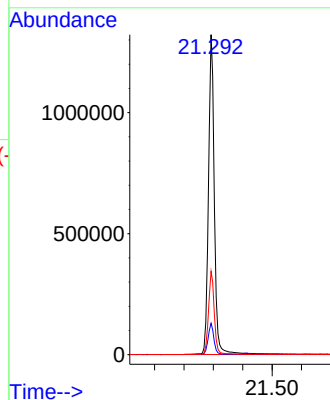
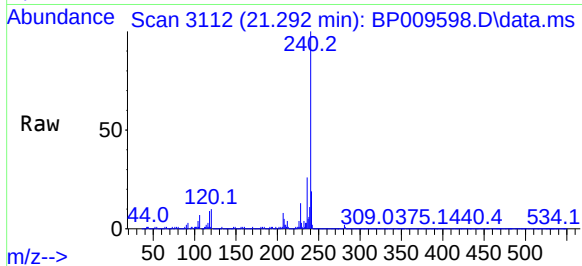




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.292 min Scan# 3116
Delta R.T. 0.000 min
Lab File: BP009598.D
Acq: 29 Mar 2022 17:24

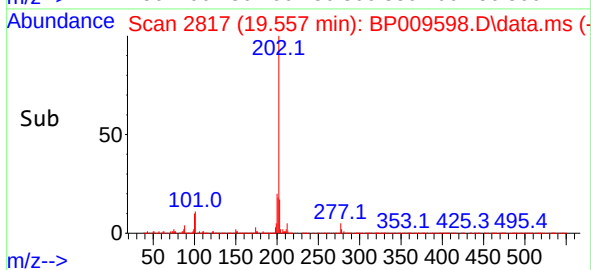
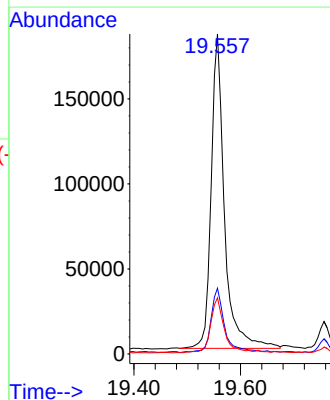
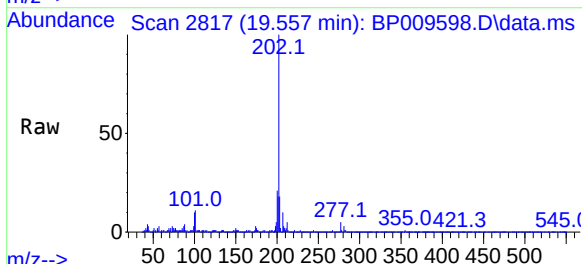
Instrument :
BNA_P
ClientSampleId :
SB-15-5.0-6.0

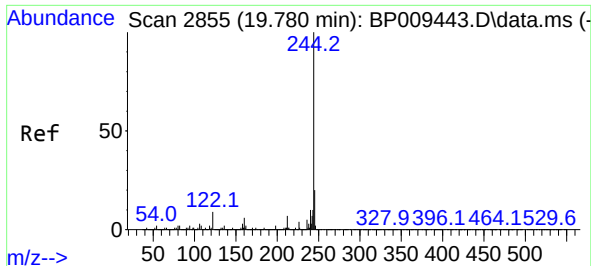
Tgt Ion:240 Resp: 1839153
Ion Ratio Lower Upper
240 100
120 9.8 9.0 13.4
236 26.1 20.6 30.8



#78
Pyrene
Concen: 2.640 ng
RT: 19.557 min Scan# 2817
Delta R.T. 0.000 min
Lab File: BP009598.D
Acq: 29 Mar 2022 17:24

Tgt Ion:202 Resp: 319986
Ion Ratio Lower Upper
202 100
200 20.6 16.8 25.2
203 17.5 14.2 21.4



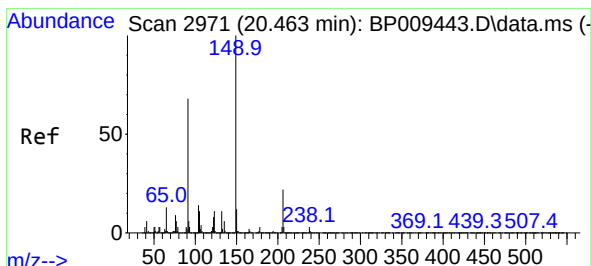
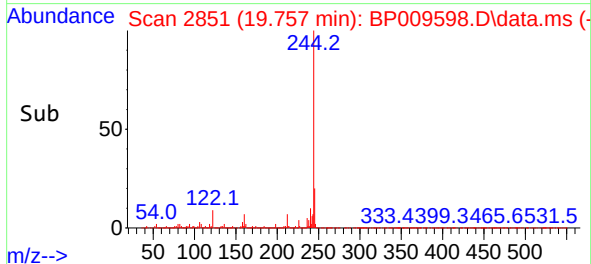
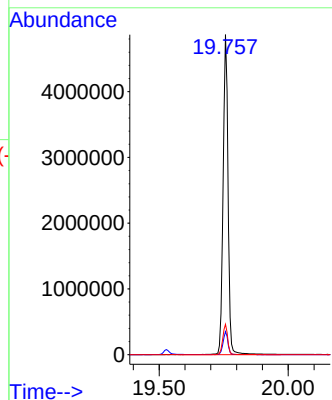
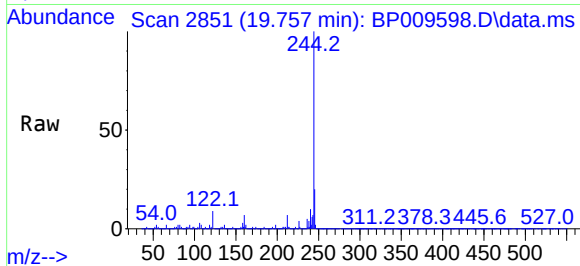


#79
 Terphenyl-d14
 Concen: 63.268 ng
 RT: 19.757 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BP009598.D
 Acq: 29 Mar 2022 17:24

Instrument :
 BNA_P
 ClientSampleId :
 SB-15-5.0-6.0

Tgt Ion:244 Resp: 6482787

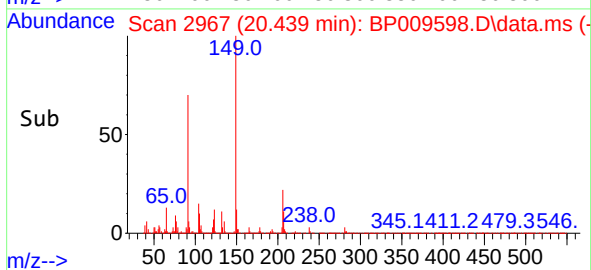
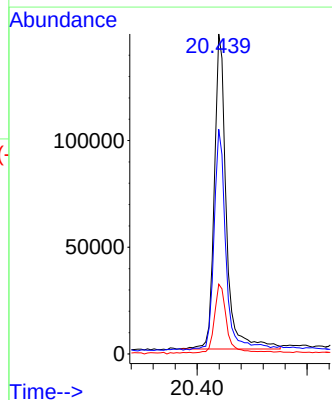
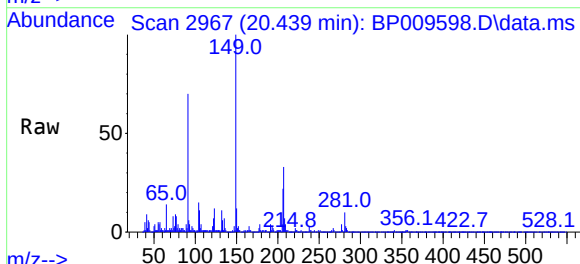
Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.6
122	9.5	8.3	12.5

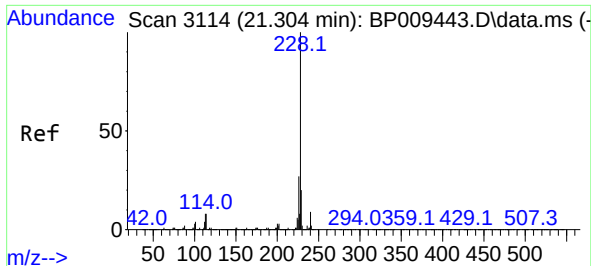


#80
 Butylbenzylphthalate
 Concen: 4.351 ng
 RT: 20.439 min Scan# 2967
 Delta R.T. 0.000 min
 Lab File: BP009598.D
 Acq: 29 Mar 2022 17:24

Tgt Ion:149 Resp: 224106

Ion	Ratio	Lower	Upper
149	100		
91	70.2	57.9	86.9
206	21.8	16.9	25.3

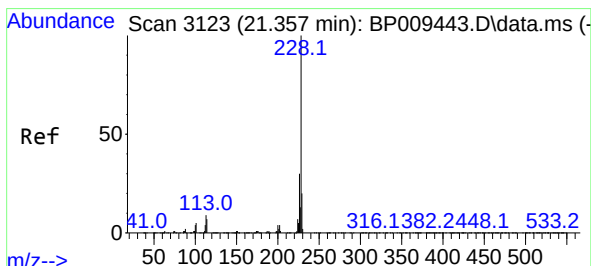
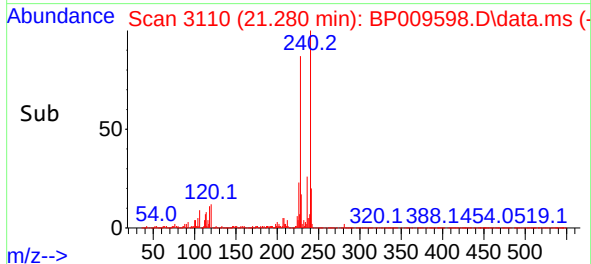
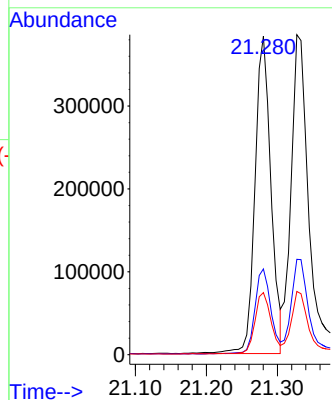
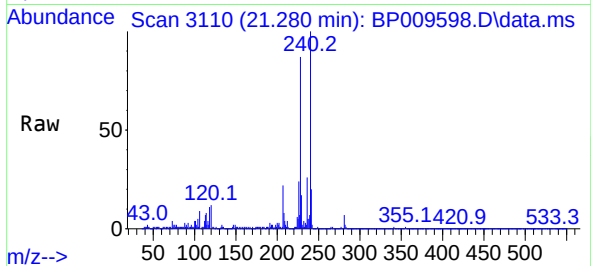




#81
Benzo(a)anthracene
Concen: 4.942 ng
RT: 21.280 min Scan# 3110
Delta R.T. 0.000 min
Lab File: BP009598.D
Acq: 29 Mar 2022 17:24

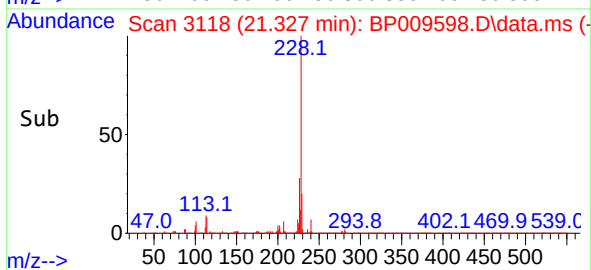
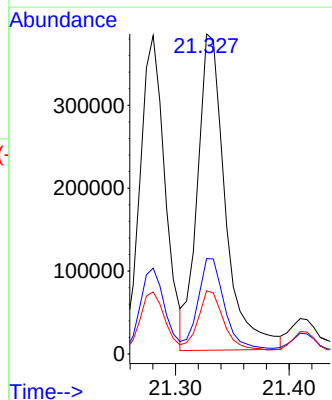
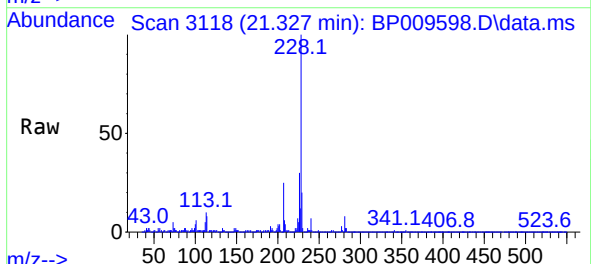
Instrument :
BNA_P
ClientSampleId :
SB-15-5.0-6.0

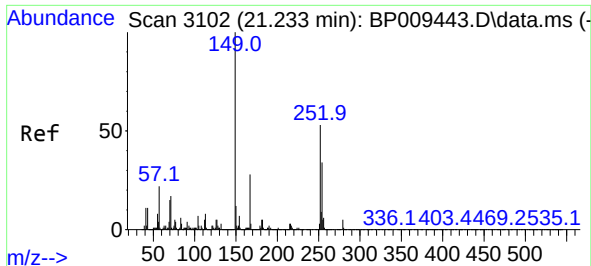
Tgt Ion:228 Resp: 597134
Ion Ratio Lower Upper
228 100
226 27.0 22.0 33.0
229 19.5 16.1 24.1



#83
Chrysene
Concen: 5.719 ng
RT: 21.327 min Scan# 3118
Delta R.T. -0.006 min
Lab File: BP009598.D
Acq: 29 Mar 2022 17:24

Tgt Ion:228 Resp: 654373
Ion Ratio Lower Upper
228 100
226 29.8 24.2 36.2
229 19.8 16.1 24.1

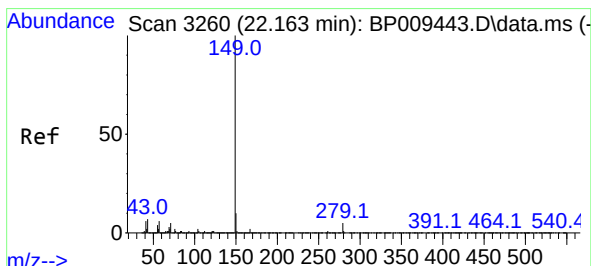
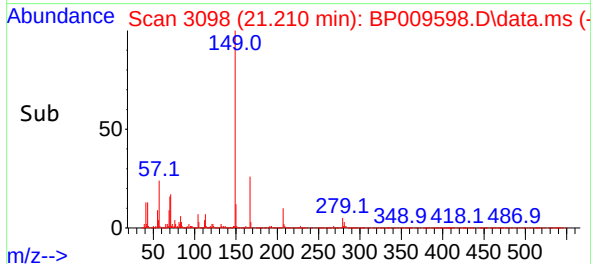
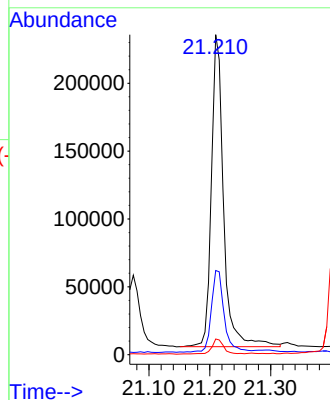
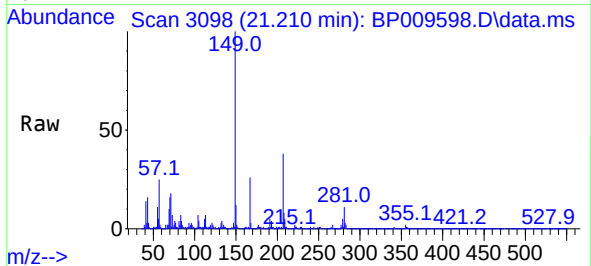




#84
Bis(2-ethylhexyl)phthalate
Concen: 4.468 ng
RT: 21.210 min Scan# 3098
Delta R.T. 0.000 min
Lab File: BP009598.D
Acq: 29 Mar 2022 17:24

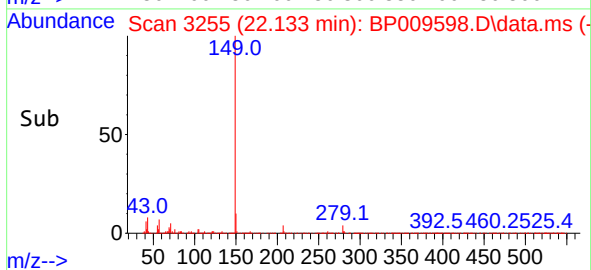
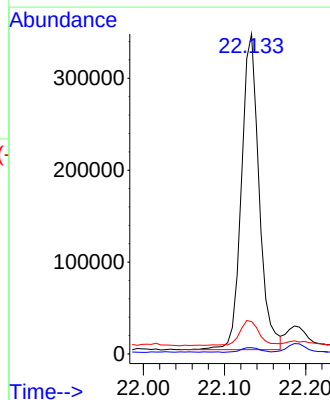
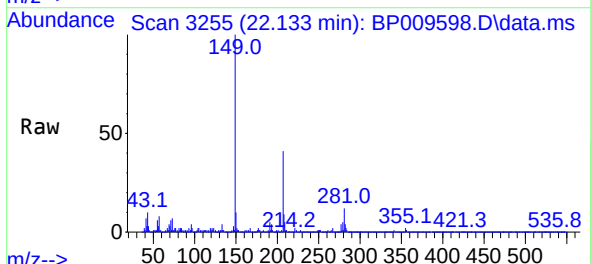
Instrument :
BNA_P
ClientSampleId :
SB-15-5.0-6.0

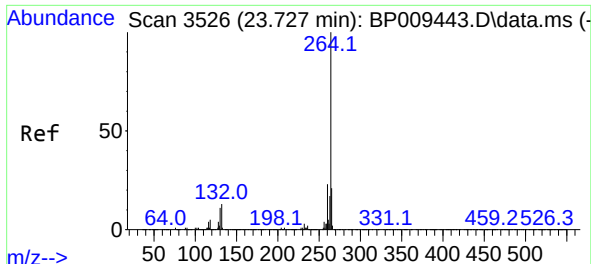
Tgt Ion:149 Resp: 320831
Ion Ratio Lower Upper
149 100
167 26.3 22.6 33.8
279 4.9 3.8 5.6



#85
Di-n-octyl phthalate
Concen: 4.189 ng
RT: 22.133 min Scan# 3255
Delta R.T. 0.000 min
Lab File: BP009598.D
Acq: 29 Mar 2022 17:24

Tgt Ion:149 Resp: 518396
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.6 6.9 10.3

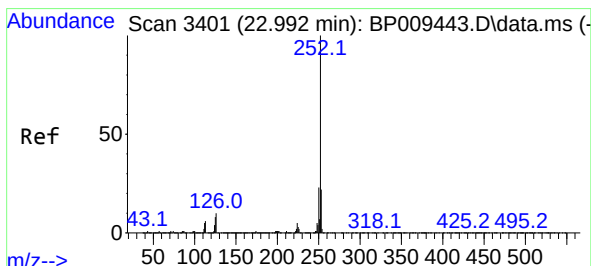
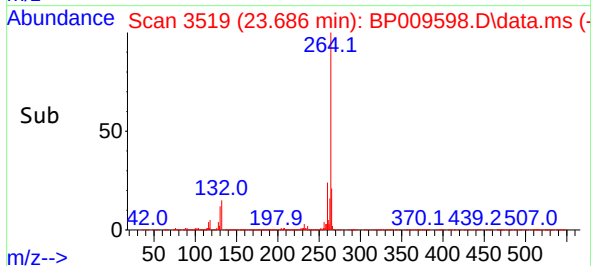
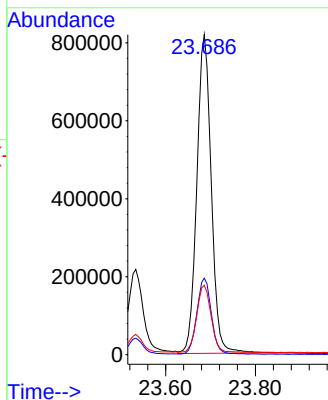
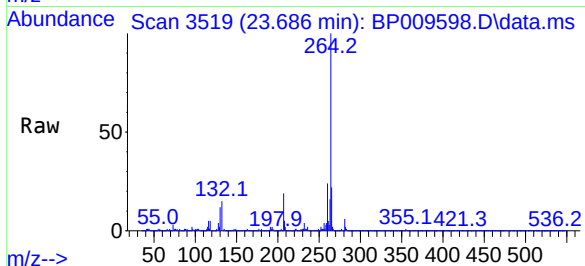




#86
Perylene-d12
Concen: 20.000 ng
RT: 23.686 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP009598.D
Acq: 29 Mar 2022 17:24

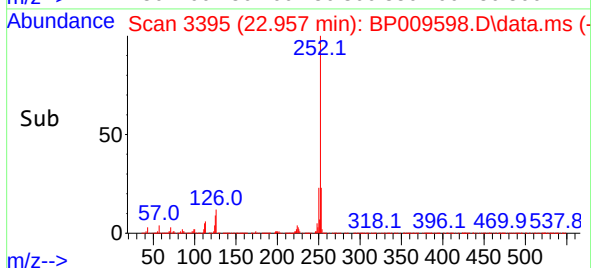
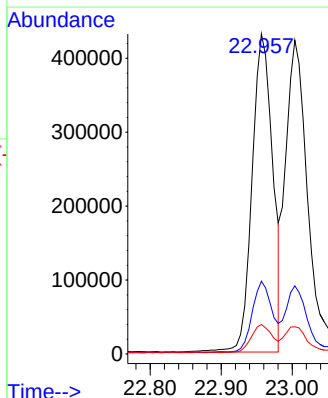
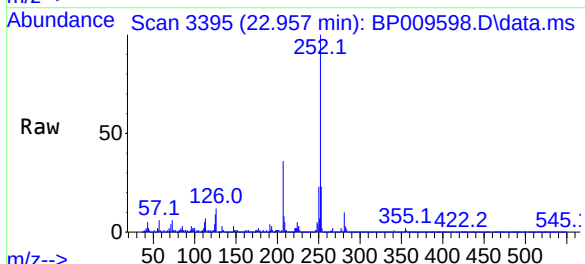
Instrument :
BNA_P
ClientSampleId :
SB-15-5.0-6.0

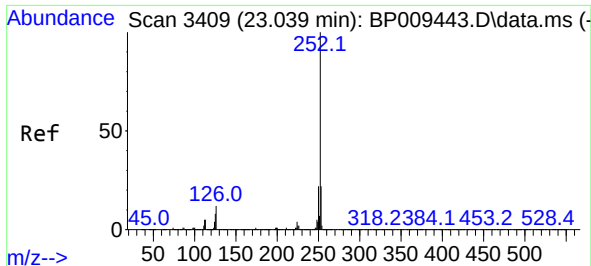
Tgt Ion:264 Resp: 1821141
Ion Ratio Lower Upper
264 100
260 23.9 19.4 29.0
265 21.7 17.2 25.8



#88
Benzo(b)fluoranthene
Concen: 7.984 ng
RT: 22.957 min Scan# 3395
Delta R.T. -0.006 min
Lab File: BP009598.D
Acq: 29 Mar 2022 17:24

Tgt Ion:252 Resp: 867978
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.8
125 9.2 8.1 12.1

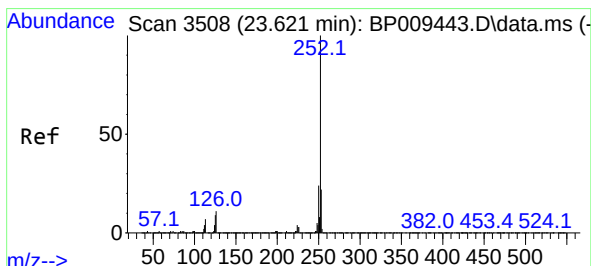
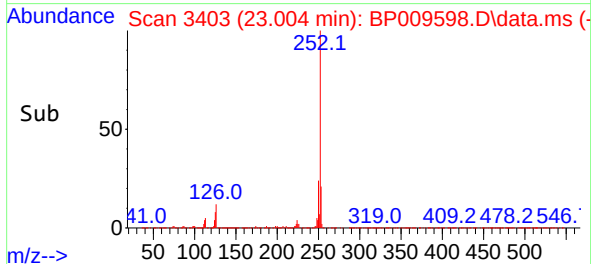
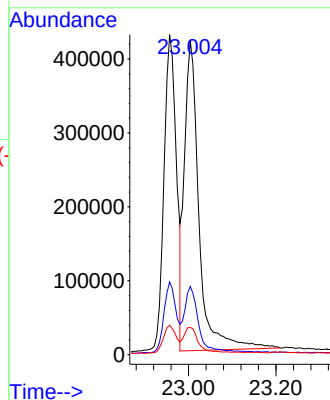
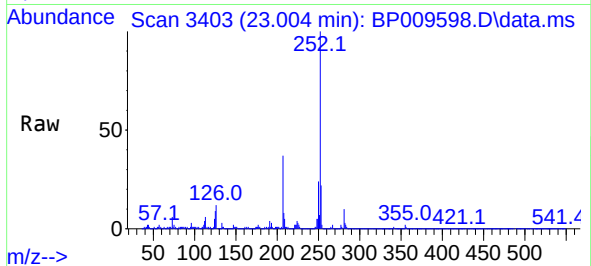




#89
Benzo(k)fluoranthene
Concen: 9.086 ng
RT: 23.004 min Scan# 3409
Delta R.T. 0.000 min
Lab File: BP009598.D
Acq: 29 Mar 2022 17:24

Instrument :
BNA_P
ClientSampleId :
SB-15-5.0-6.0

Tgt Ion:252 Resp: 967111
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 8.7 8.3 12.5



#90
Benzo(a)pyrene
Concen: 6.799 ng
RT: 23.580 min Scan# 3501
Delta R.T. 0.000 min
Lab File: BP009598.D
Acq: 29 Mar 2022 17:24

Tgt Ion:252 Resp: 632419
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.6
125 10.2 9.3 13.9

