

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120721\
 Data File : BP008265.D
 Acq On : 07 Dec 2021 23:29
 Operator : CG/JU
 Sample : M4955-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 2022

Quant Time: Dec 08 01:12:12 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 03 14:39:24 2021
 Response via : Initial Calibration

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

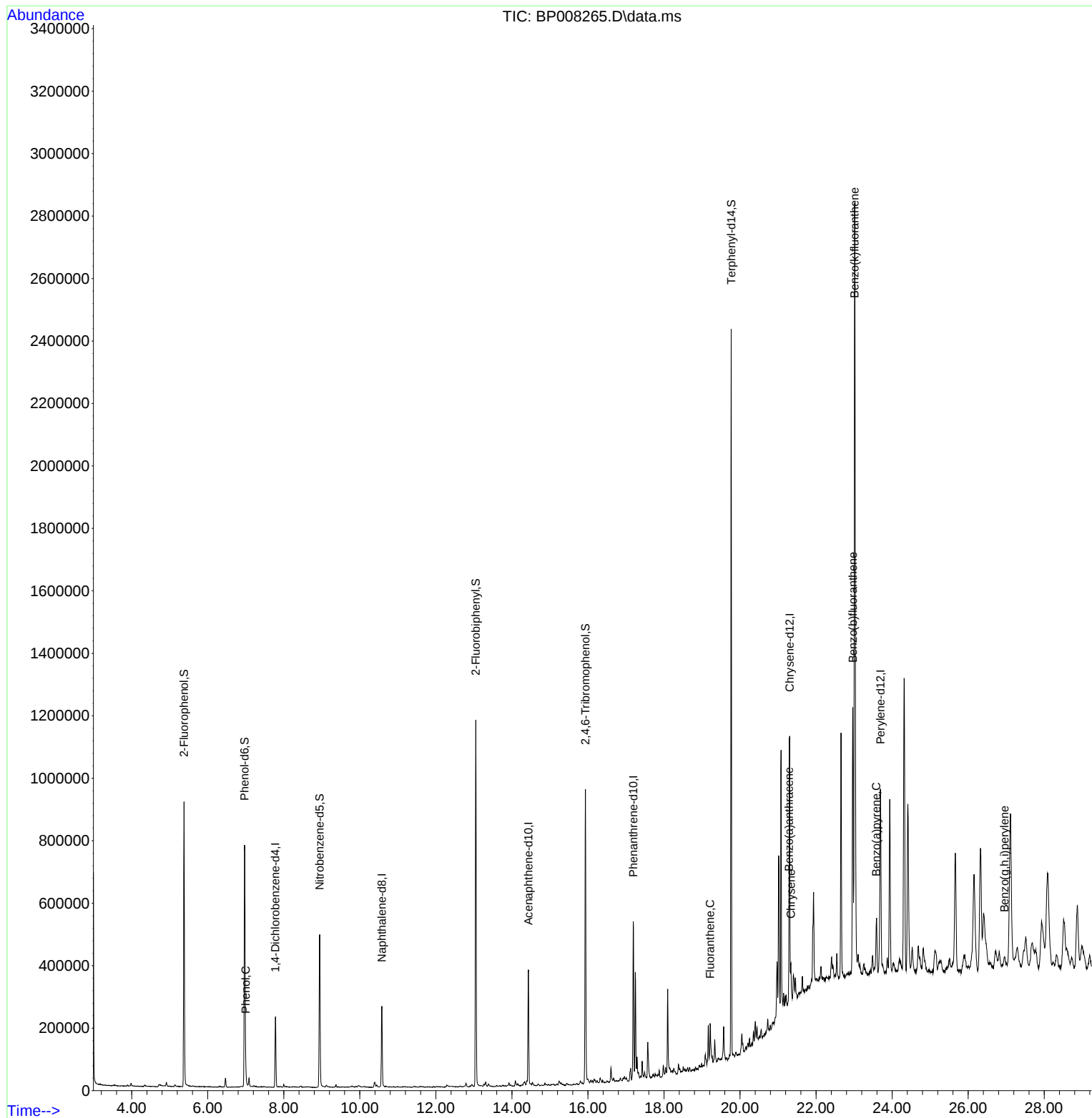
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	58298	20.000	ng	-0.02
21) Naphthalene-d8	10.581	136	207515	20.000	ng	-0.02
39) Acenaphthene-d10	14.434	164	129832	20.000	ng	-0.01
64) Phenanthrene-d10	17.192	188	296147	20.000	ng	-0.02
76) Chrysene-d12	21.304	240	398283	20.000	ng	#-0.01
86) Perylene-d12	23.692	264	444179	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	358497	99.011	ng	-0.01
7) Phenol-d6	6.969	99	442701	90.573	ng	-0.02
23) Nitrobenzene-d5	8.946	82	300468	65.842	ng	-0.02
42) 2,4,6-Tribromophenol	15.934	330	179357	108.081	ng	-0.02
45) 2-Fluorobiphenyl	13.051	172	580311	64.924	ng	-0.02
79) Terphenyl-d14	19.769	244	1042832	54.721	ng	-0.01
Target Compounds						
						Qvalue
10) Phenol	6.999	94	16434	3.272	ng	89
75) Fluoranthene	19.216	202	50132	2.380	ng	98
81) Benzo(a)anthracene	21.286	228	57697	2.186	ng	96
83) Chrysene	21.339	228	64477	2.567	ng	97
88) Benzo(b)fluoranthene	22.968	252	122087	4.559	ng	# 90
89) Benzo(k)fluoranthene	23.010	252	60136	2.294	ng	# 15
90) Benzo(a)pyrene	23.586	252	79822	3.488	ng	97
92) Benzo(g,h,i)perylene	26.956	276	59886	2.212	ng	99

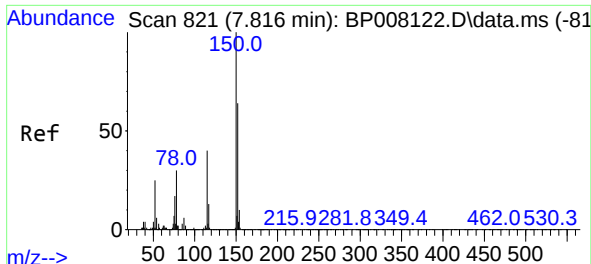
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 14 Sample Multiplier: 1

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BNA_P
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 03 14:39:24 2021
Response via : Initial Calibration

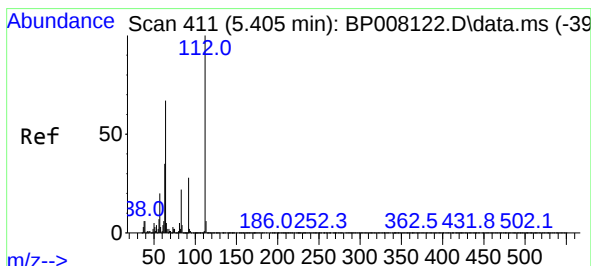
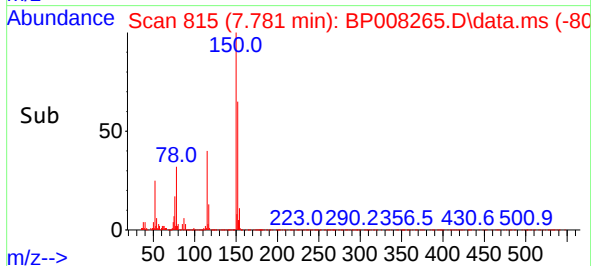
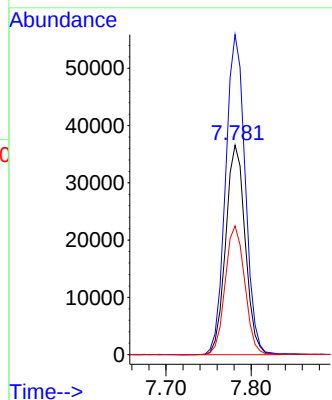
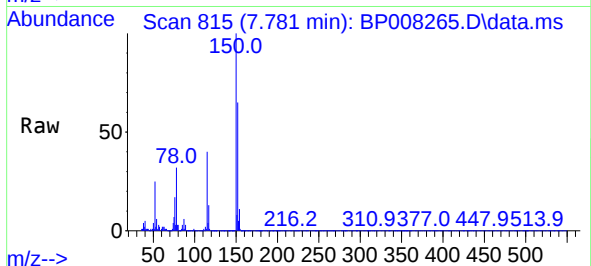




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.781 min Scan# 81
Delta R.T. -0.018 min
Lab File: BP008265.D
Acq: 07 Dec 2021 23:29

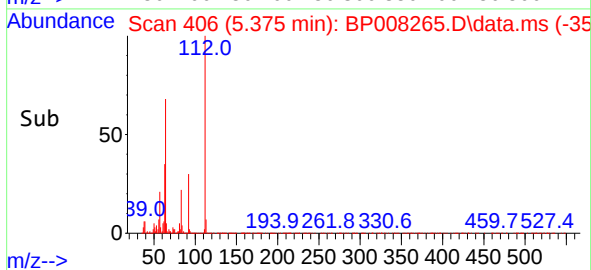
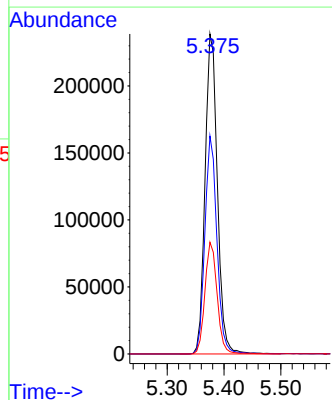
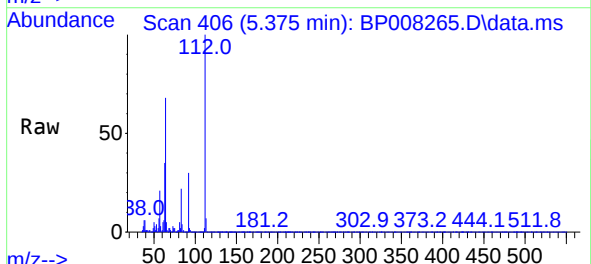
Instrument :
BNA_P
ClientSampleId :
2022

Tgt Ion:152 Resp: 58298
Ion Ratio Lower Upper
152 100
150 152.7 125.7 188.5
115 61.5 50.7 76.1



#5
2-Fluorophenol
Concen: 99.011 ng
RT: 5.375 min Scan# 406
Delta R.T. -0.012 min
Lab File: BP008265.D
Acq: 07 Dec 2021 23:29

Tgt Ion:112 Resp: 358497
Ion Ratio Lower Upper
112 100
64 68.1 53.4 80.2
63 34.9 27.8 41.8

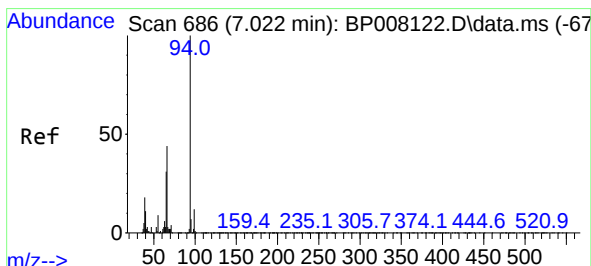
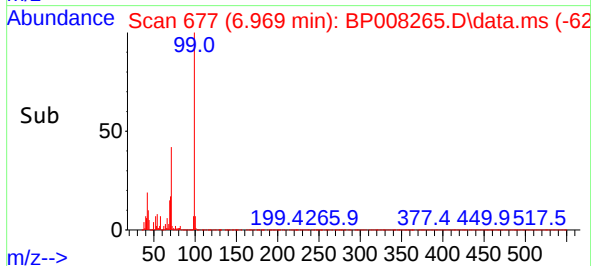
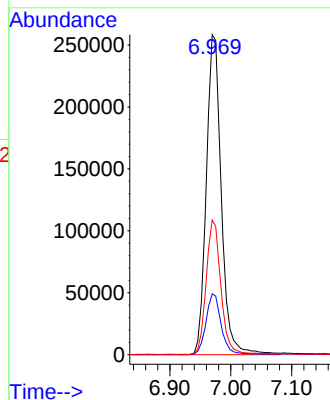
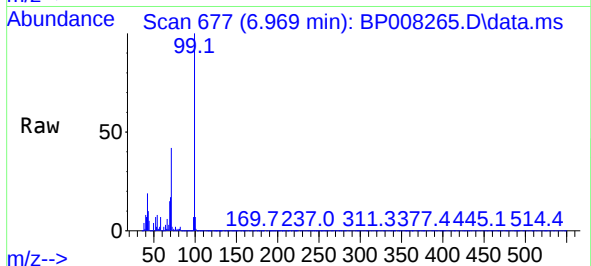




#7
Phenol-d6
Concen: 90.573 ng
RT: 6.969 min Scan# 61
Delta R.T. -0.018 min
Lab File: BP008265.D
Acq: 07 Dec 2021 23:29

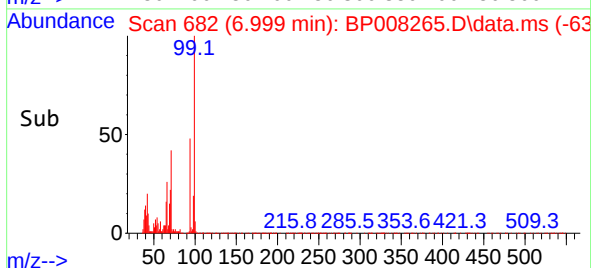
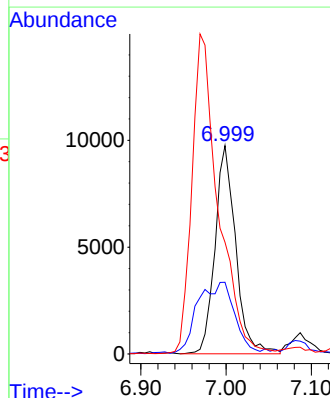
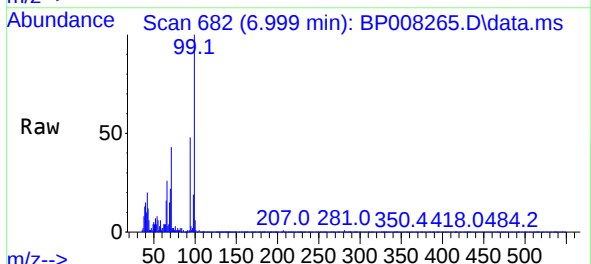
Instrument :
BNA_P
ClientSampleId :
2022

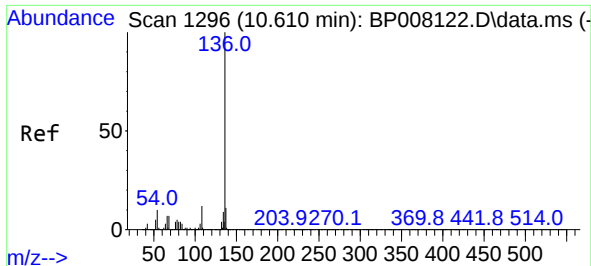
Tgt Ion: 99 Resp: 442701
Ion Ratio Lower Upper
99 100
42 19.0 14.6 22.0
71 42.1 31.1 46.7



#10
Phenol
Concen: 3.272 ng
RT: 6.999 min Scan# 682
Delta R.T. -0.012 min
Lab File: BP008265.D
Acq: 07 Dec 2021 23:29

Tgt Ion: 94 Resp: 16434
Ion Ratio Lower Upper
94 100
65 34.4 10.9 50.9
66 53.6 24.3 64.3

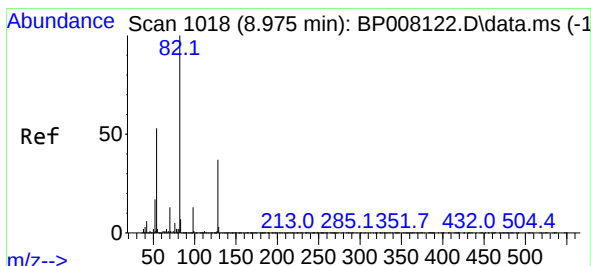
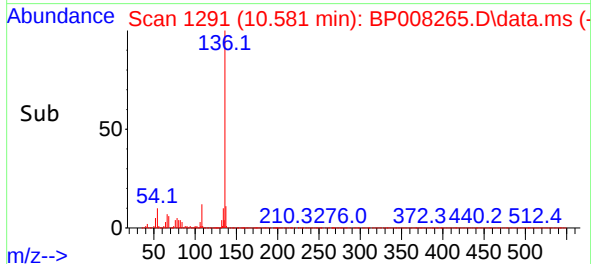
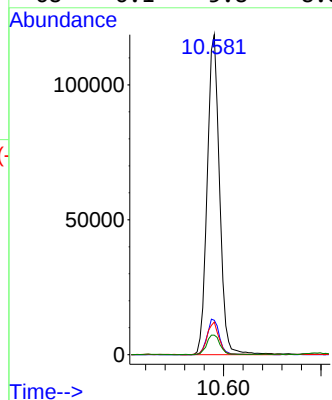
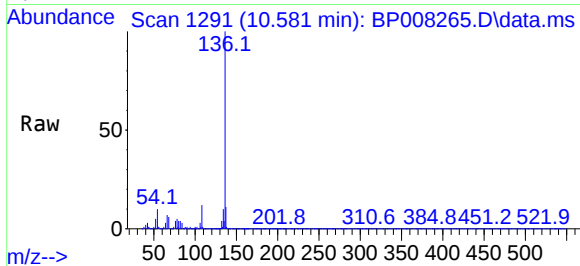




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.581 min Scan# 1013
Delta R.T. -0.018 min
Lab File: BP008265.D
Acq: 07 Dec 2021 23:29

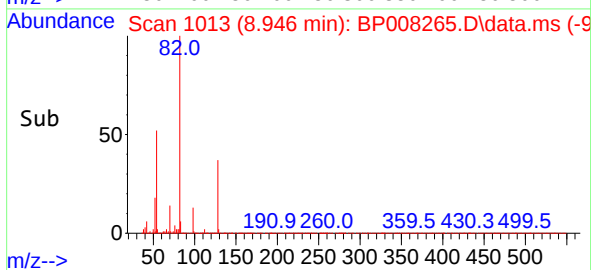
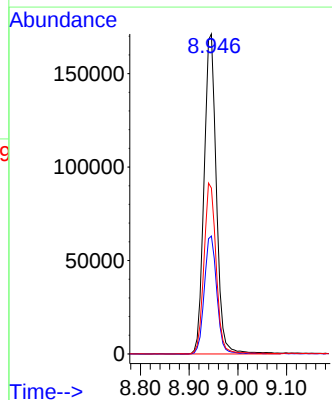
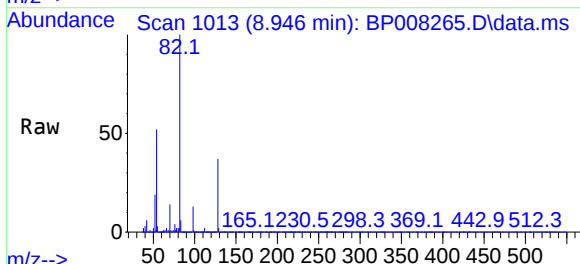
Instrument :
BNA_P
ClientSampleId :
2022

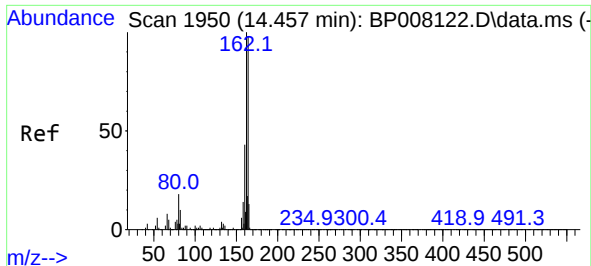
Tgt Ion:136 Resp: 207515
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.6
54 10.2 8.2 12.4
68 6.1 5.8 8.8



#23
Nitrobenzene-d5
Concen: 65.842 ng
RT: 8.946 min Scan# 1013
Delta R.T. -0.018 min
Lab File: BP008265.D
Acq: 07 Dec 2021 23:29

Tgt Ion: 82 Resp: 300468
Ion Ratio Lower Upper
82 100
128 36.8 29.6 44.4
54 51.8 42.7 64.1

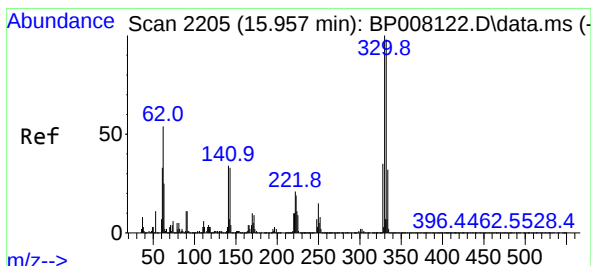
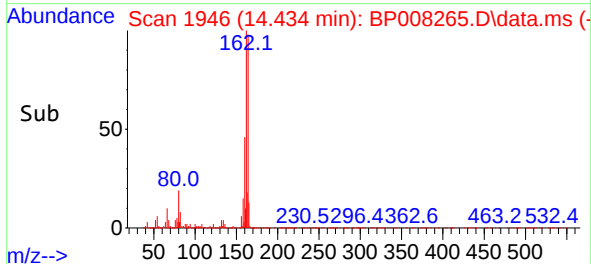
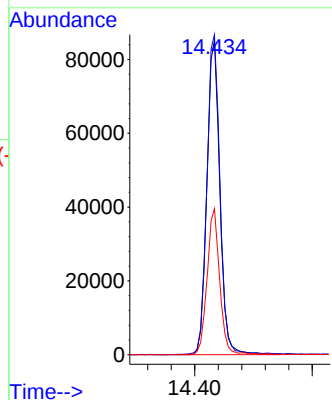
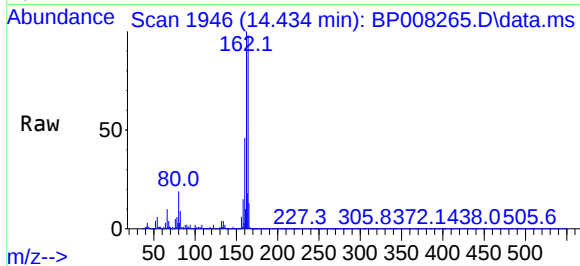




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.434 min Scan# 1946
Delta R.T. -0.012 min
Lab File: BP008265.D
Acq: 07 Dec 2021 23:29

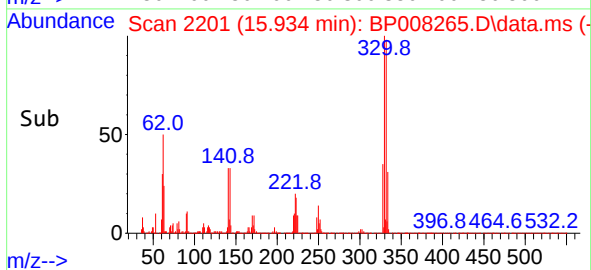
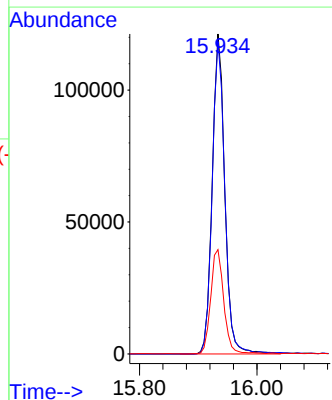
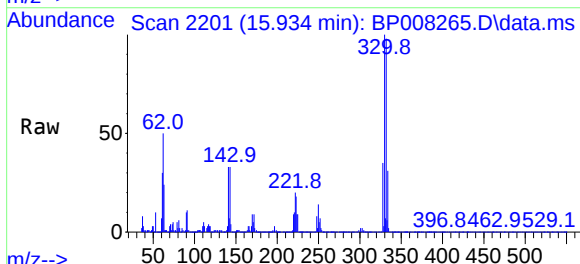
Instrument :
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ClientSampleId :
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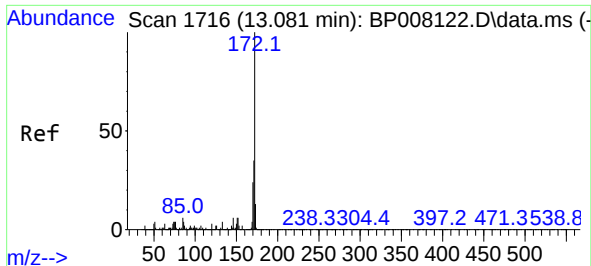
Tgt Ion:164 Resp: 129832
Ion Ratio Lower Upper
164 100
162 101.9 81.9 122.9
160 46.5 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 108.081 ng
RT: 15.934 min Scan# 2201
Delta R.T. -0.018 min
Lab File: BP008265.D
Acq: 07 Dec 2021 23:29

Tgt Ion:330 Resp: 179357
Ion Ratio Lower Upper
330 100
332 97.8 77.0 115.4
141 33.7 28.4 42.6

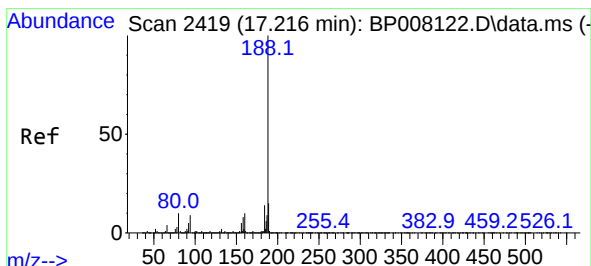
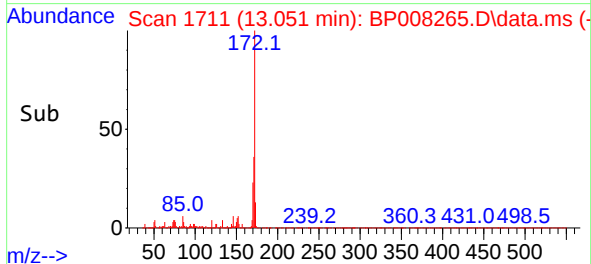
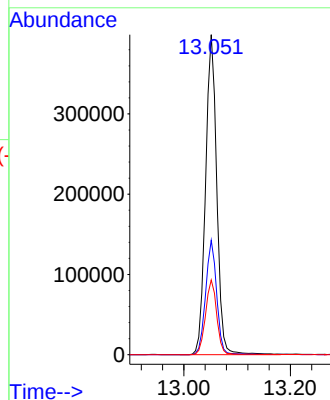
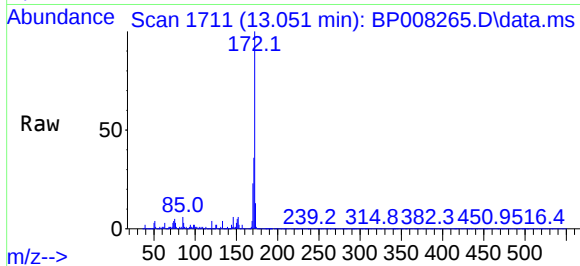




#45
2-Fluorobiphenyl
Concen: 64.924 ng
RT: 13.051 min Scan# 11
Delta R.T. -0.018 min
Lab File: BP008265.D
Acq: 07 Dec 2021 23:29

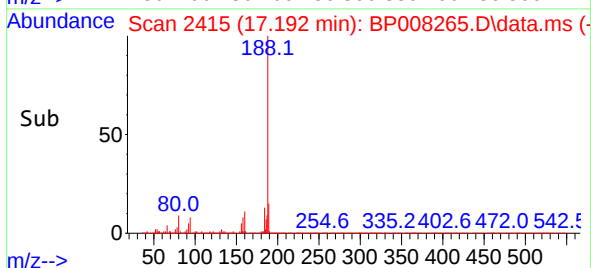
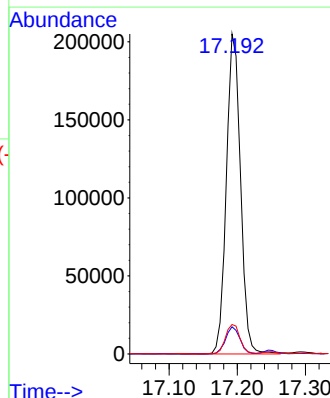
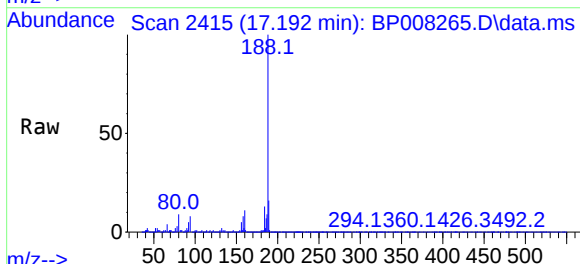
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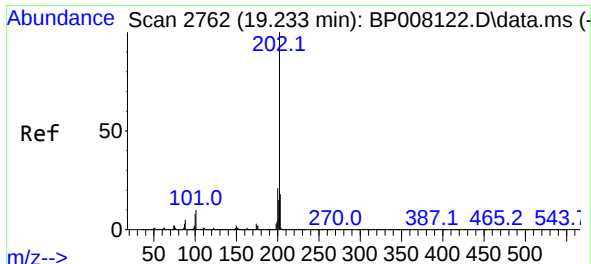
Tgt Ion:172 Resp: 580311
Ion Ratio Lower Upper
172 100
171 35.8 28.0 42.0
170 23.3 18.9 28.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.192 min Scan# 2415
Delta R.T. -0.018 min
Lab File: BP008265.D
Acq: 07 Dec 2021 23:29

Tgt Ion:188 Resp: 296147
Ion Ratio Lower Upper
188 100
94 8.5 7.2 10.8
80 9.2 8.2 12.4

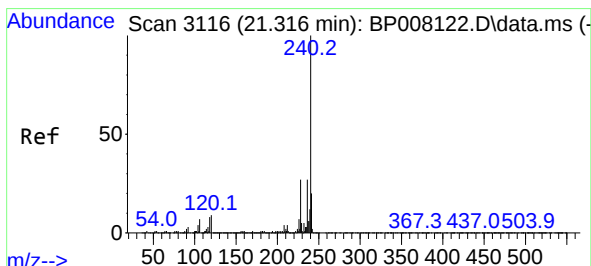
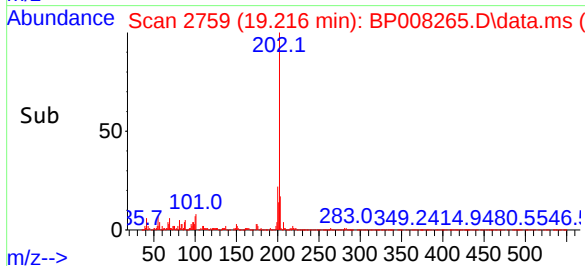
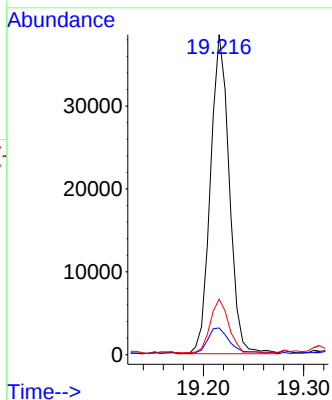
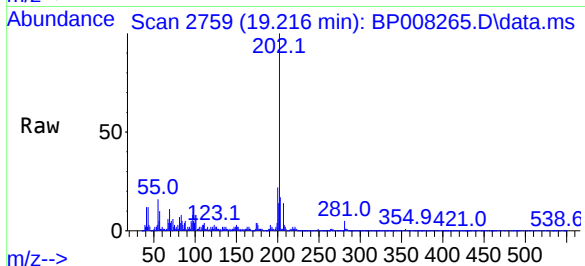




#75
Fluoranthene
Concen: 2.380 ng
RT: 19.216 min Scan# 21
Delta R.T. -0.018 min
Lab File: BP008265.D
Acq: 07 Dec 2021 23:29

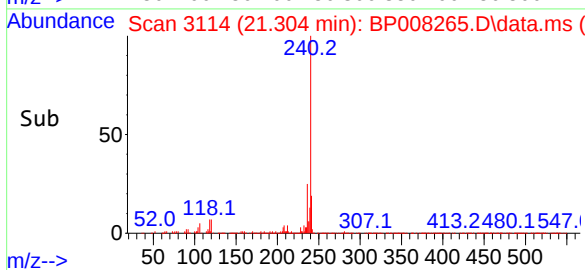
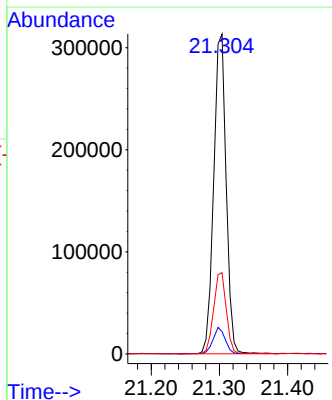
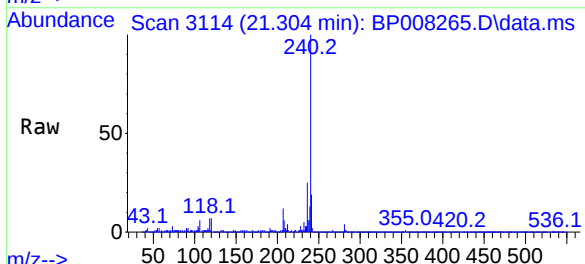
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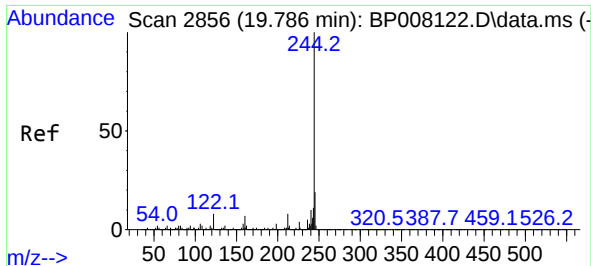
Tgt Ion:	202	Resp:	50132
Ion Ratio	Lower	Upper	
202	100		
101	8.4	0.0	29.8
203	17.3	0.0	37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.304 min Scan# 3114
Delta R.T. -0.012 min
Lab File: BP008265.D
Acq: 07 Dec 2021 23:29

Tgt Ion:	240	Resp:	398283
Ion Ratio	Lower	Upper	
240	100		
120	7.0	7.3	10.9#
236	25.4	21.4	32.2

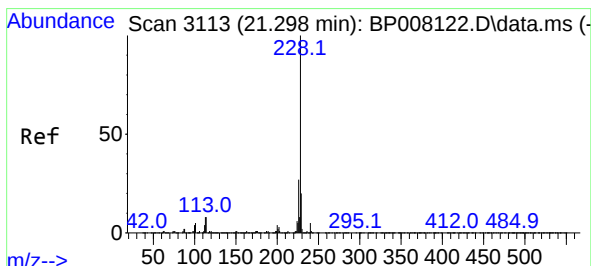
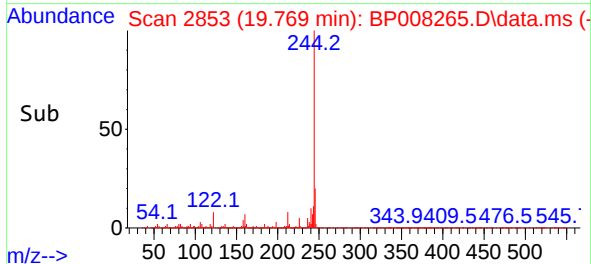
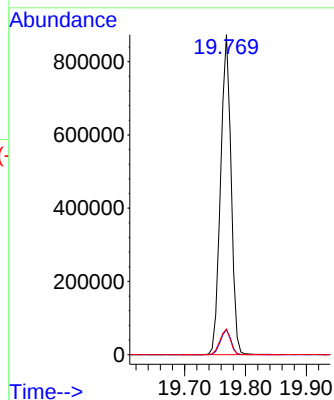
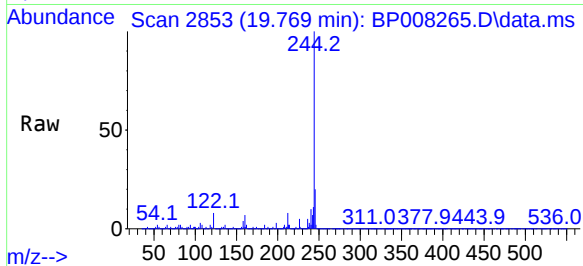




#79
 Terphenyl-d14
 Concen: 54.721 ng
 RT: 19.769 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BP008265.D
 Acq: 07 Dec 2021 23:29

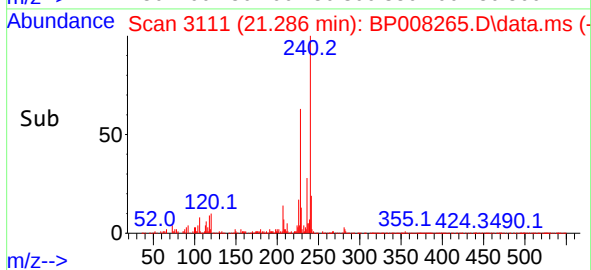
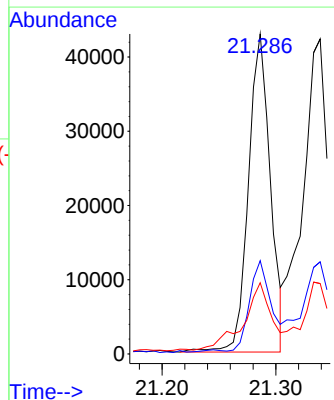
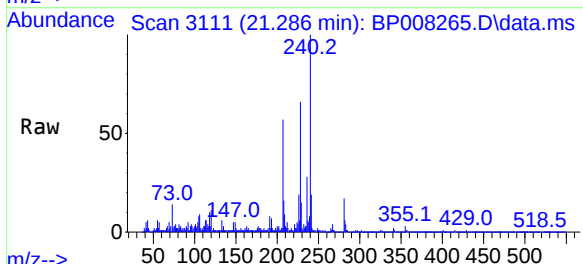
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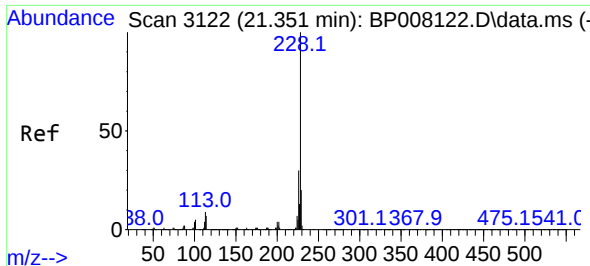
Tgt Ion:244 Resp: 1042832
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.0 9.0
 122 8.0 6.6 9.8



#81
 Benzo(a)anthracene
 Concen: 2.186 ng
 RT: 21.286 min Scan# 3111
 Delta R.T. -0.012 min
 Lab File: BP008265.D
 Acq: 07 Dec 2021 23:29

Tgt Ion:228 Resp: 57697
 Ion Ratio Lower Upper
 228 100
 226 29.2 21.9 32.9
 229 22.3 15.9 23.9

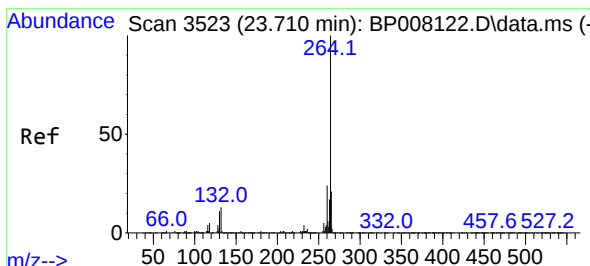
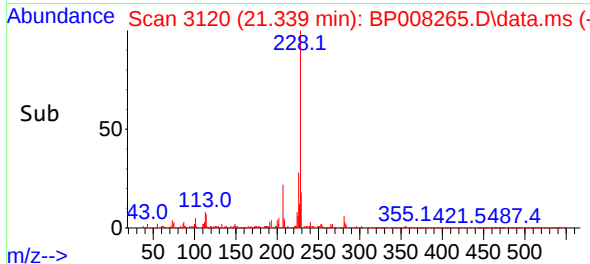
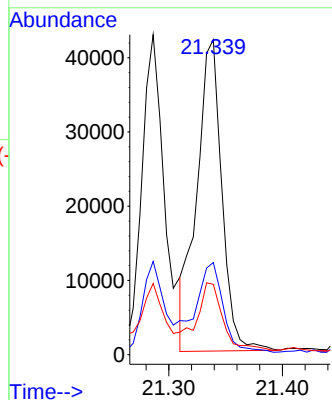
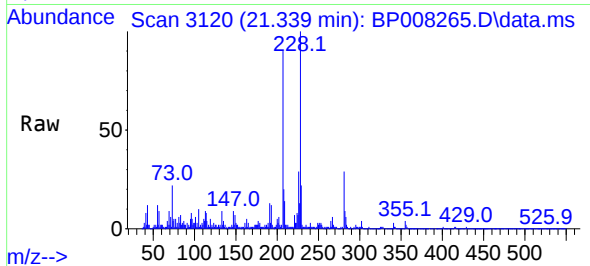




#83
Chrysene
Concen: 2.567 ng
RT: 21.339 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP008265.D
Acq: 07 Dec 2021 23:29

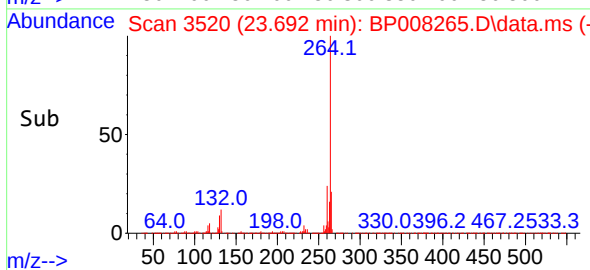
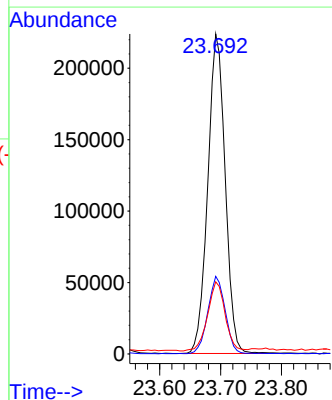
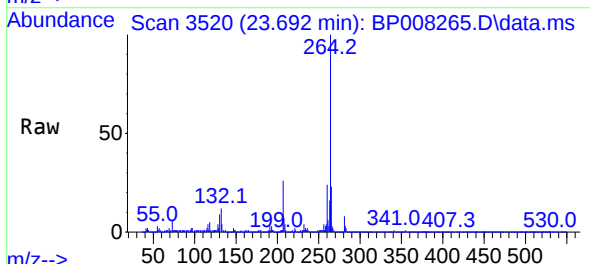
Instrument :
BNA_P
ClientSampleId :
2022

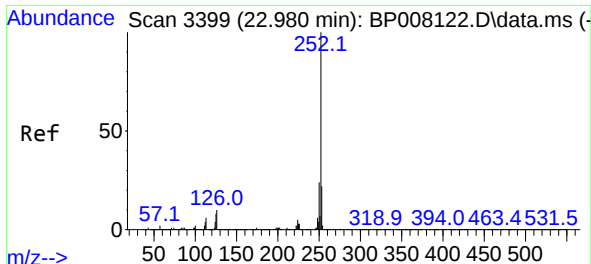
Tgt Ion:	228	Resp:	64477
Ion Ratio	Lower	Upper	
228	100		
226	29.2	24.0	36.0
229	22.4	15.8	23.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.692 min Scan# 3520
Delta R.T. -0.024 min
Lab File: BP008265.D
Acq: 07 Dec 2021 23:29

Tgt Ion:	264	Resp:	444179
Ion Ratio	Lower	Upper	
264	100		
260	24.3	19.4	29.2
265	22.5	17.6	26.4

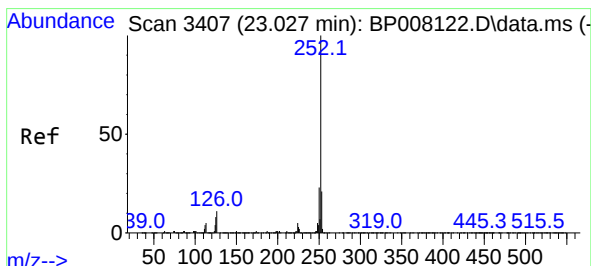
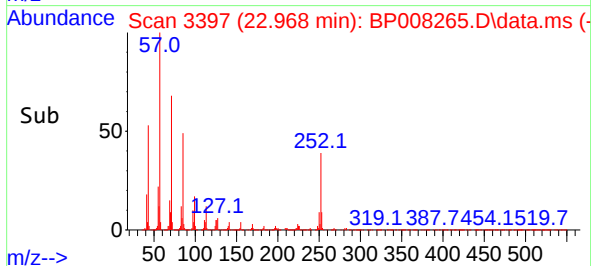
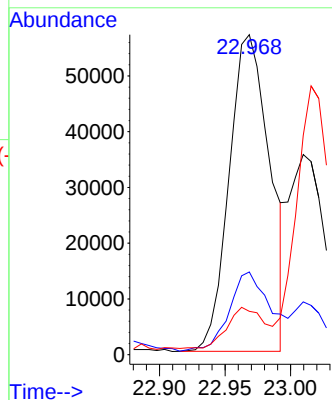
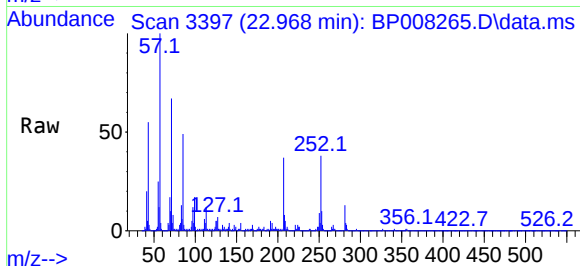




#88
Benzo(b)fluoranthene
Concen: 4.559 ng
RT: 22.968 min Scan# 31
Delta R.T. -0.018 min
Lab File: BP008265.D
Acq: 07 Dec 2021 23:29

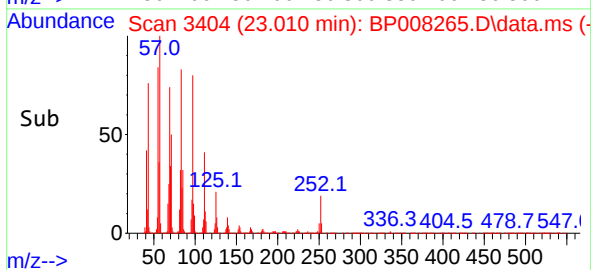
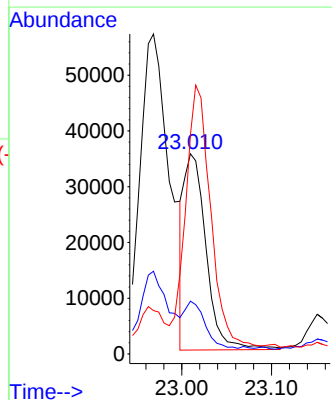
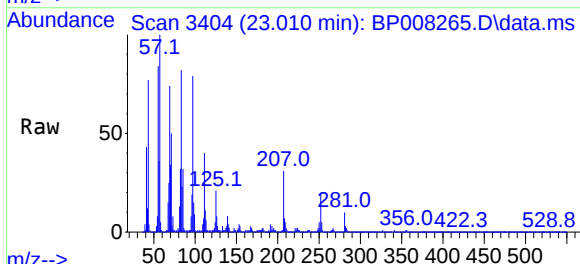
Instrument :
BNA_P
ClientSampleId :
2022

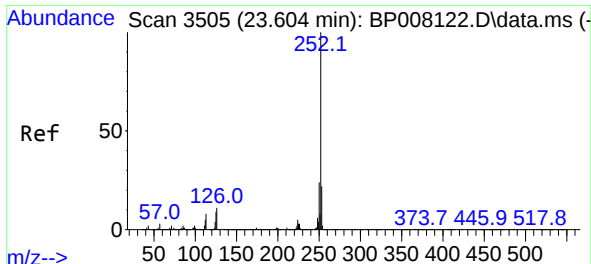
Tgt Ion:252 Resp: 122087
Ion Ratio Lower Upper
252 100
253 25.9 17.7 26.5
125 13.6 6.2 9.4#



#89
Benzo(k)fluoranthene
Concen: 2.294 ng
RT: 23.010 min Scan# 3404
Delta R.T. -0.024 min
Lab File: BP008265.D
Acq: 07 Dec 2021 23:29

Tgt Ion:252 Resp: 60136
Ion Ratio Lower Upper
252 100
253 26.3 17.3 25.9#
125 109.5 6.5 9.7#

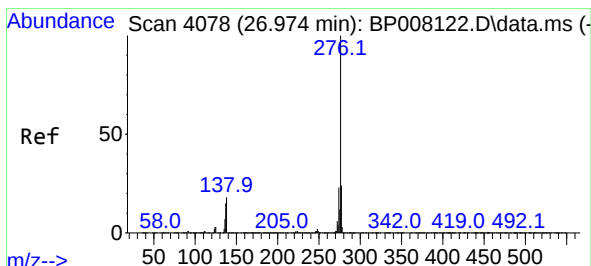
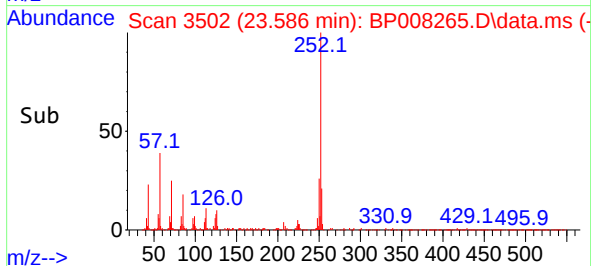
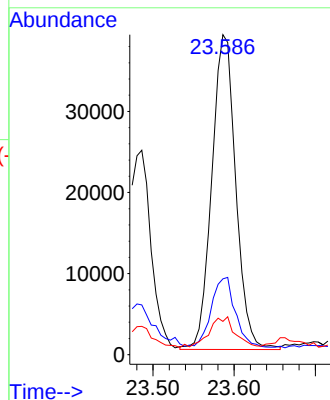
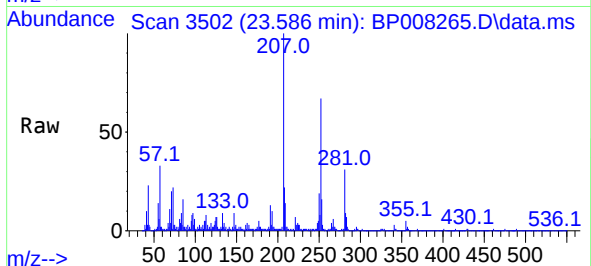




#90
Benzo(a)pyrene
Concen: 3.488 ng
RT: 23.586 min Scan# 31
Delta R.T. -0.024 min
Lab File: BP008265.D
Acq: 07 Dec 2021 23:29

Instrument :
BNA_P
ClientSampleId :
2022

Tgt Ion:252 Resp: 79822
Ion Ratio Lower Upper
252 100
253 23.7 17.6 26.4
125 10.4 7.4 11.0



#92
Benzo(g,h,i)perylene
Concen: 2.212 ng
RT: 26.956 min Scan# 4075
Delta R.T. -0.041 min
Lab File: BP008265.D
Acq: 07 Dec 2021 23:29

Tgt Ion:276 Resp: 59886
Ion Ratio Lower Upper
276 100
277 24.4 20.0 30.0
138 16.9 14.1 21.1

