

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)

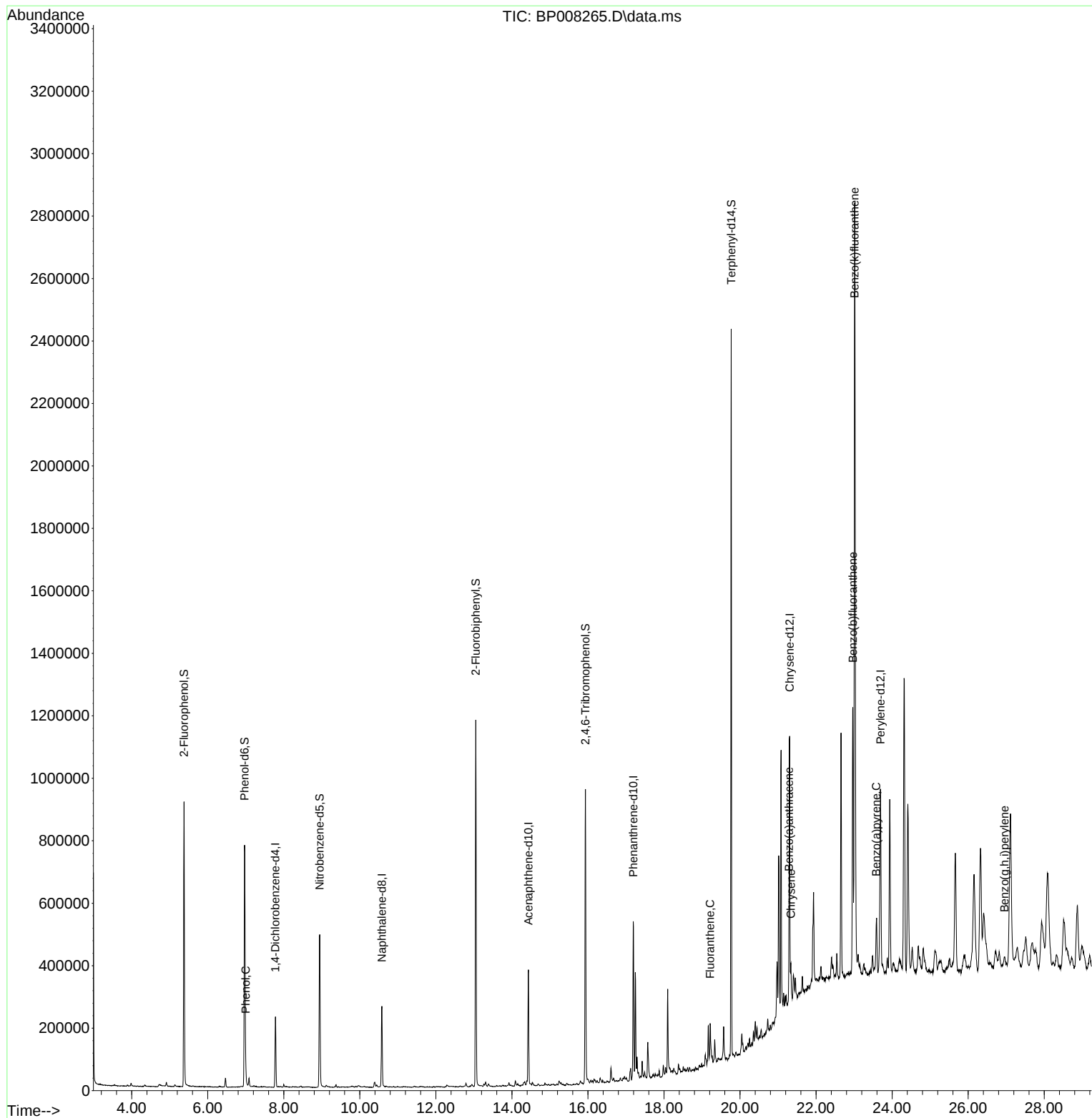
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	58298	20.000	ng	-0.02
21) Naphthalene-d8	10.581	136	207515	20.000	ng	-0.02
39) Acenaphthene-d10	14.434	164	129832	20.000	ng	-0.01
64) Phenanthrene-d10	17.192	188	296147	20.000	ng	-0.02
76) Chrysene-d12	21.304	240	398283	20.000	ng	#-0.01
86) 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	
9) Benzaldehyde	6.940	77	674	Below Cal	#	51
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

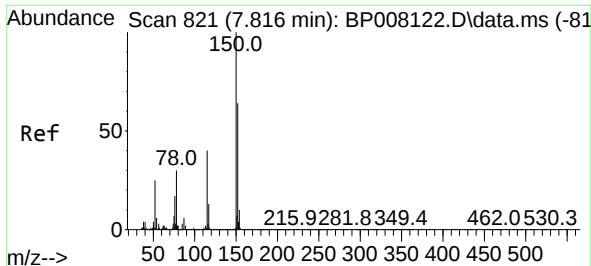
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120721\
Data File : BP008265.D
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Sample : M4955-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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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

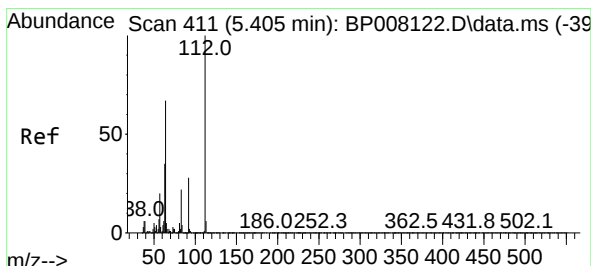
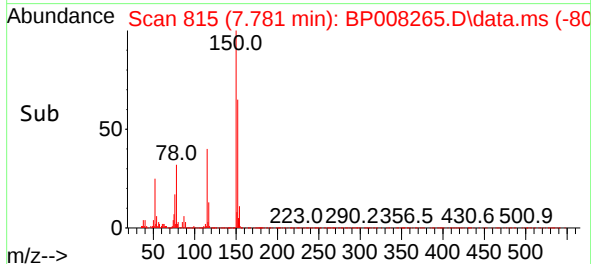
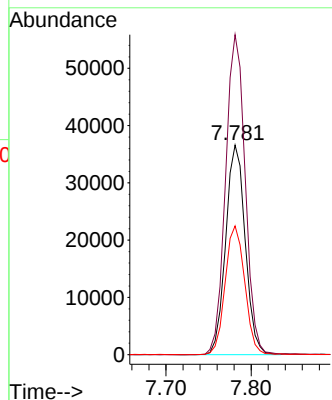
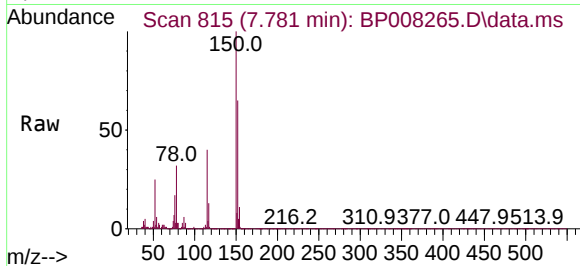




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.781 min Scan# 81
Delta R.T. -0.018 min
Lab File: BP008265.D
Acq: 07 Dec 2021 23:29

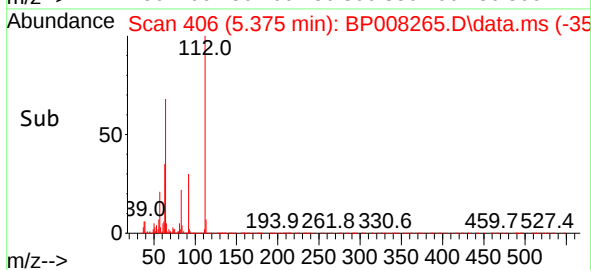
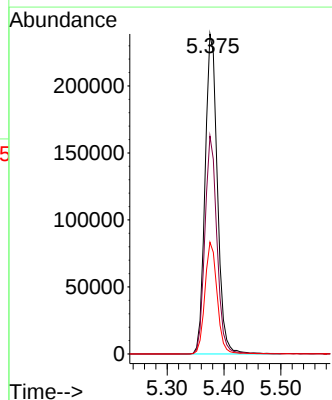
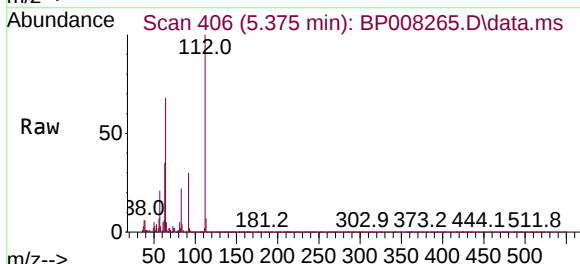
Instrument :
BNA_P
ClientSampleId :
2022

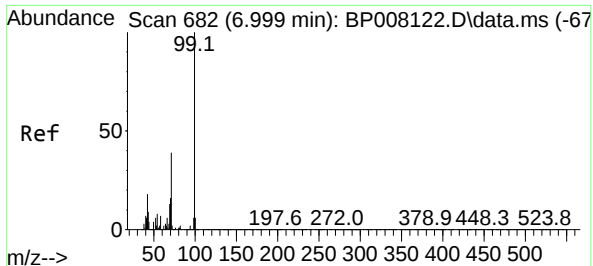
Tgt Ion:152 Resp: 58298
Ion Ratio Lower Upper
152 100
150 152.7 125.7 188.5
115 61.5 50.7 76.1



#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

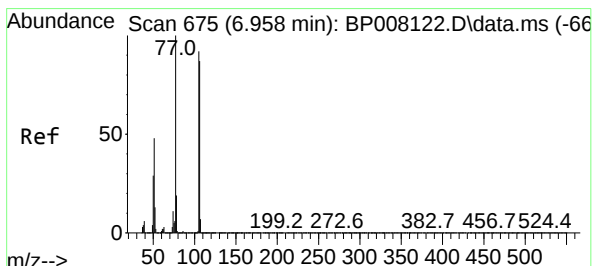
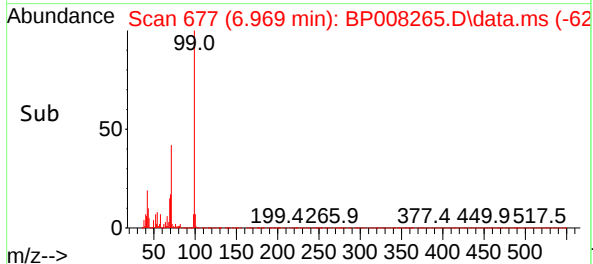
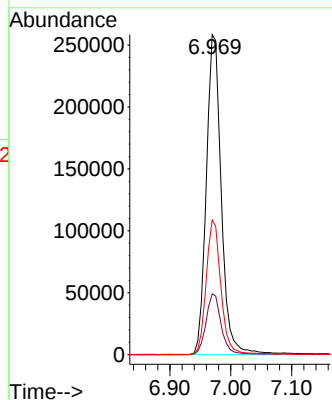
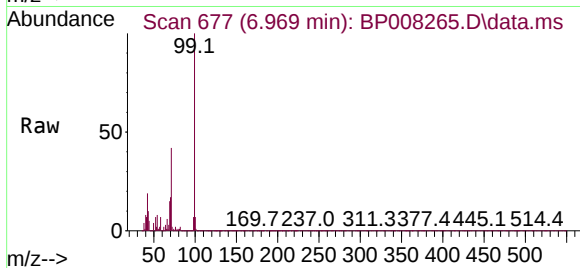




#7
Phenol-d6
Concen: 90.573 ng
RT: 6.969 min Scan# 61
Delta R.T. -0.018 min
Lab File: BP008265.D
Acq: 07 Dec 2021 23:29

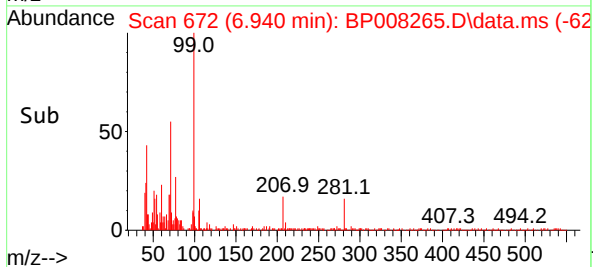
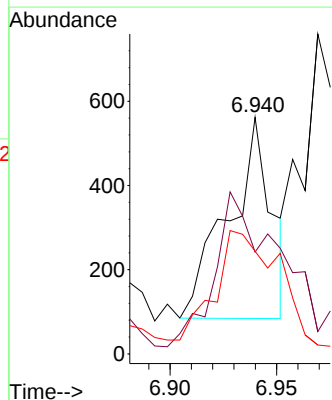
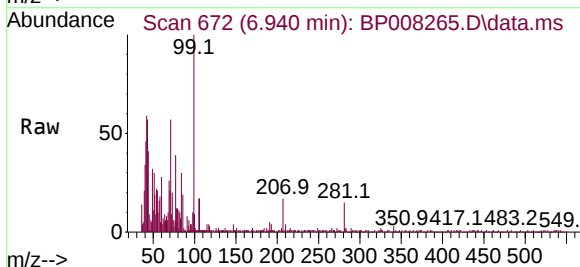
Instrument :
BNA_P
ClientSampleId :
2022

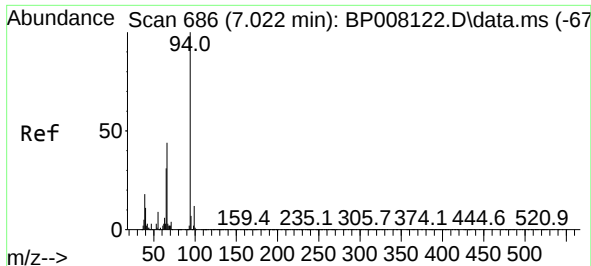
Tgt Ion: 99 Resp: 442701
Ion Ratio Lower Upper
99 100
42 19.0 14.6 22.0
71 42.1 31.1 46.7



#9
Benzaldehyde
Concen: Below Cal
RT: 6.940 min Scan# 672
Delta R.T. -0.000 min
Lab File: BP008265.D
Acq: 07 Dec 2021 23:29

Tgt Ion: 77 Resp: 674
Ion Ratio Lower Upper
77 100
105 43.1 71.8 111.8#
106 43.4 67.3 107.3#

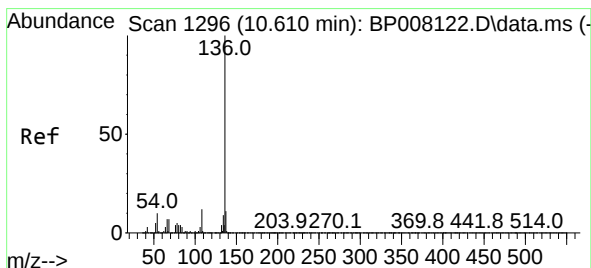
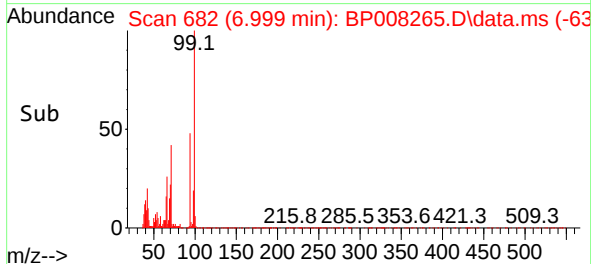
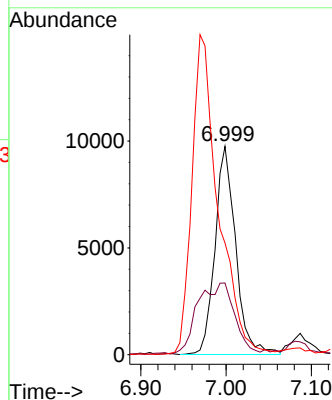
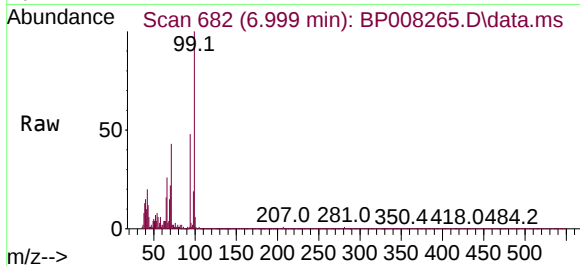




#10
Phenol
Concen: 3.272 ng
RT: 6.999 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP008265.D
Acq: 07 Dec 2021 23:29

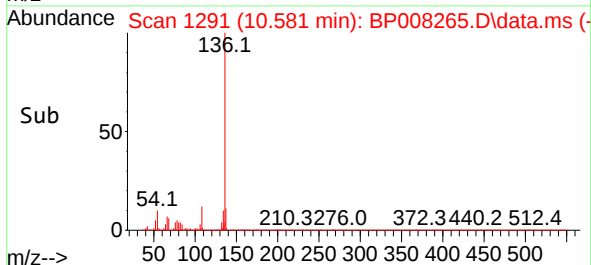
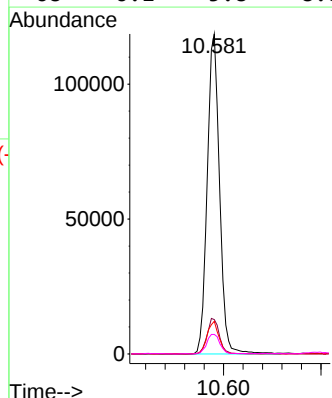
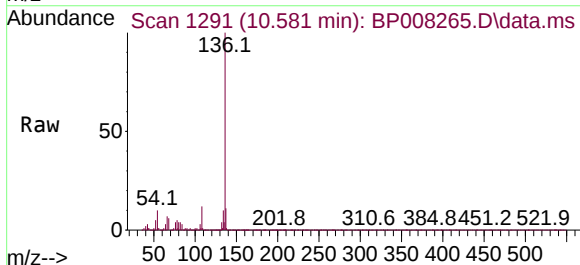
Instrument :
BNA_P
ClientSampleId :
2022

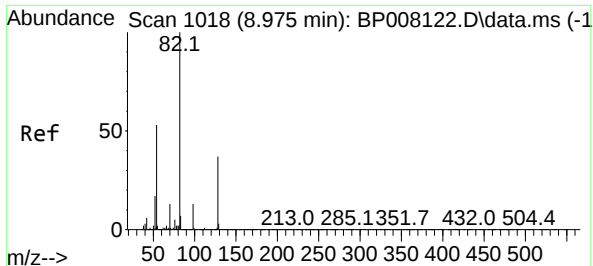
Tgt Ion: 94 Resp: 16434
Ion Ratio Lower Upper
94 100
65 34.4 10.9 50.9
66 53.6 24.3 64.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.581 min Scan# 1291
Delta R.T. -0.018 min
Lab File: BP008265.D
Acq: 07 Dec 2021 23:29

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

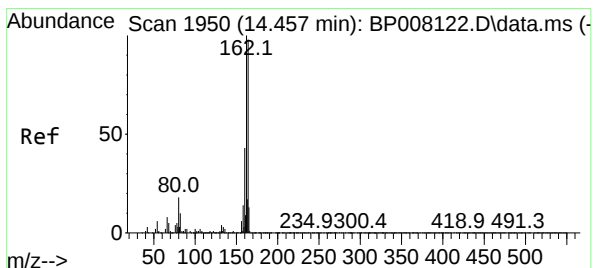
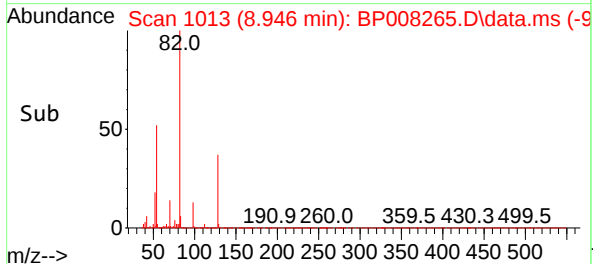
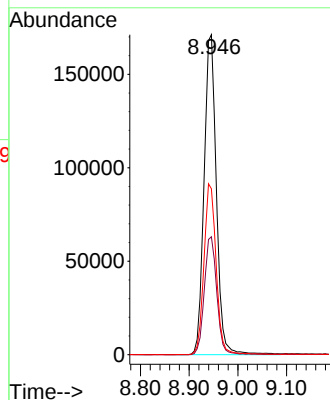
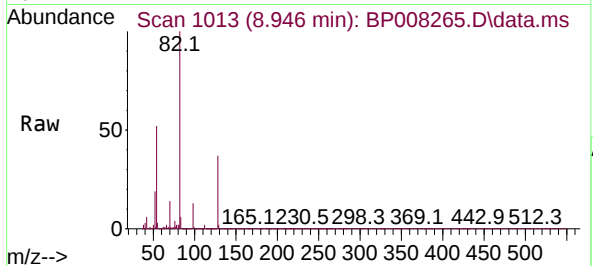




#23
Nitrobenzene-d5
Concen: 65.842 ng
RT: 8.946 min Scan# 1013
Delta R.T. -0.018 min
Lab File: BP008265.D
Acq: 07 Dec 2021 23:29

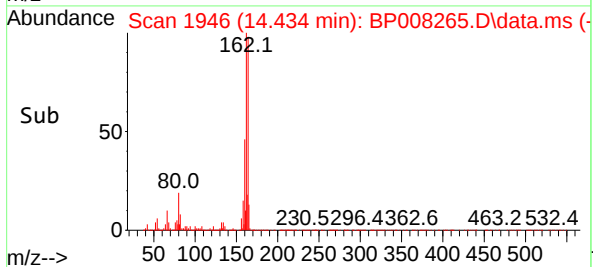
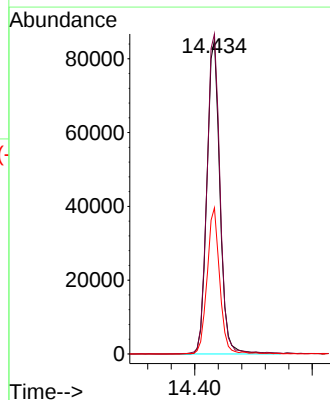
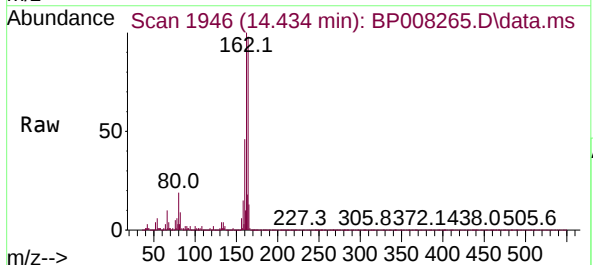
Instrument :
BNA_P
ClientSampleId :
2022

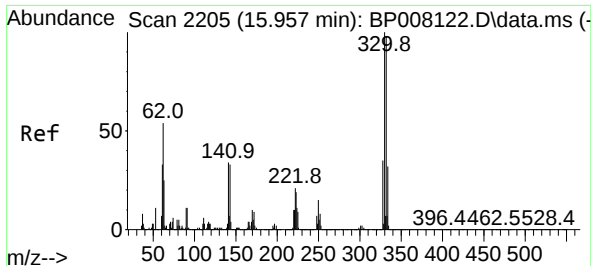
Tgt Ion: 82 Resp: 300468
Ion Ratio Lower Upper
82 100
128 36.8 29.6 44.4
54 51.8 42.7 64.1



#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

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# 21

Delta R.T. -0.018 min

Lab File: BP008265.D

Acq: 07 Dec 2021 23:29

Instrument :

BNA_P

ClientSampleId :

2022

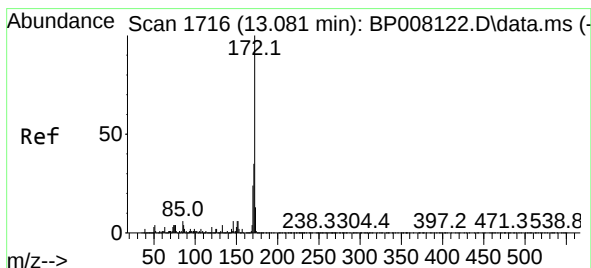
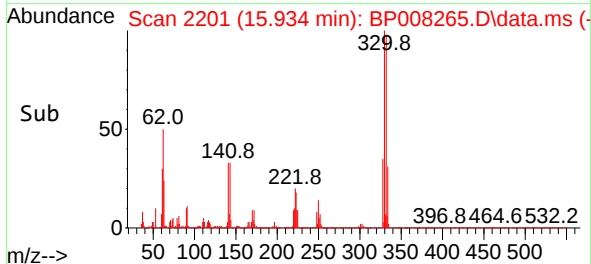
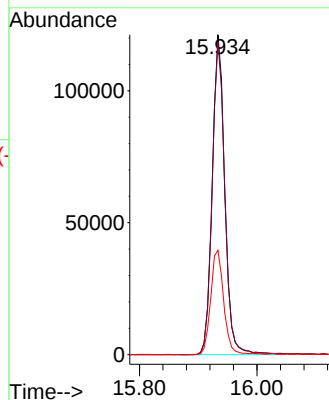
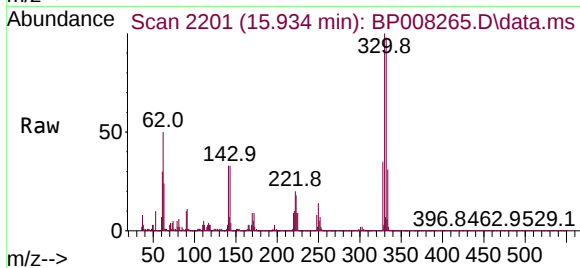
Tgt Ion:330 Resp: 179357

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# 1711

Delta R.T. -0.018 min

Lab File: BP008265.D

Acq: 07 Dec 2021 23:29

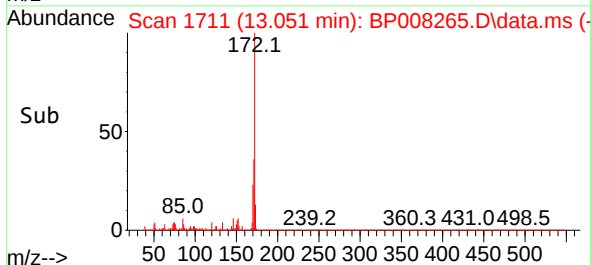
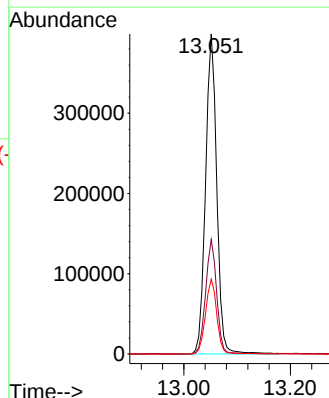
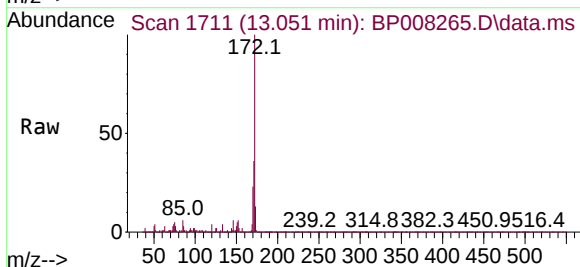
Tgt Ion:172 Resp: 580311

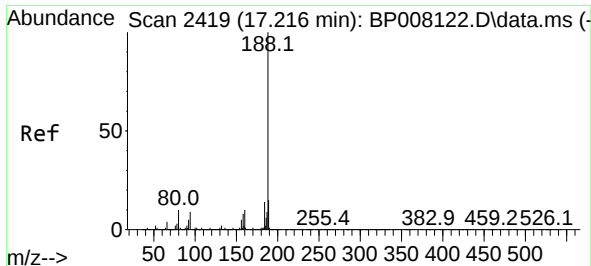
Ion Ratio Lower Upper

172 100

171 35.8 28.0 42.0

170 23.3 18.9 28.3

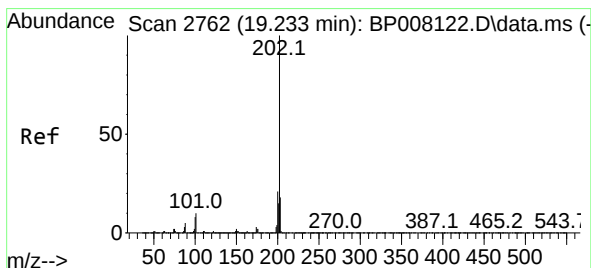
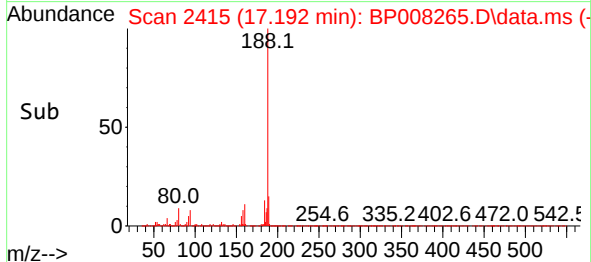
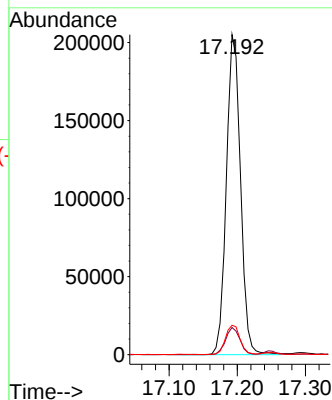
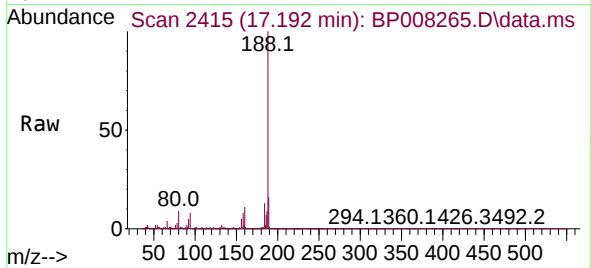




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.192 min Scan# 2415
Delta R.T. -0.018 min
Lab File: BP008265.D
Acq: 07 Dec 2021 23:29

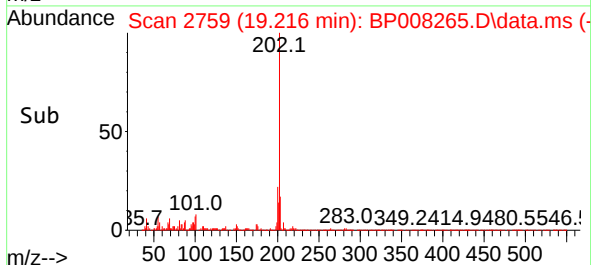
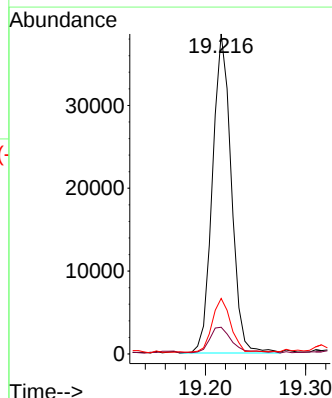
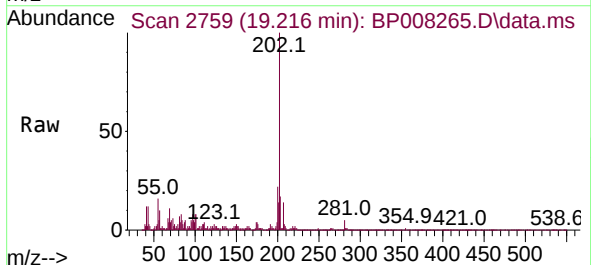
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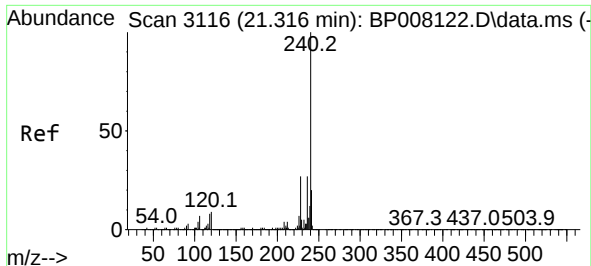
Tgt Ion:188 Resp: 296147
Ion Ratio Lower Upper
188 100
94 8.5 7.2 10.8
80 9.2 8.2 12.4



#75
Fluoranthene
Concen: 2.380 ng
RT: 19.216 min Scan# 2759
Delta R.T. -0.018 min
Lab File: BP008265.D
Acq: 07 Dec 2021 23:29

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

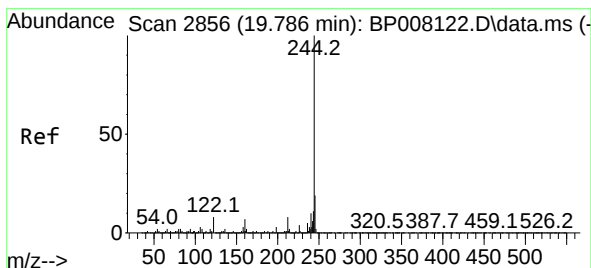
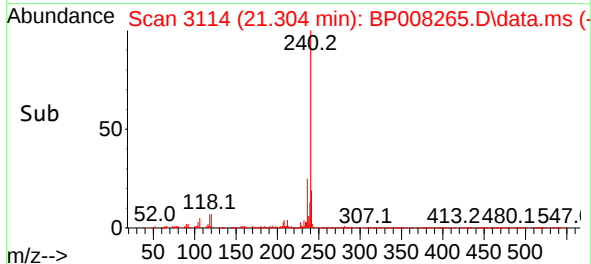
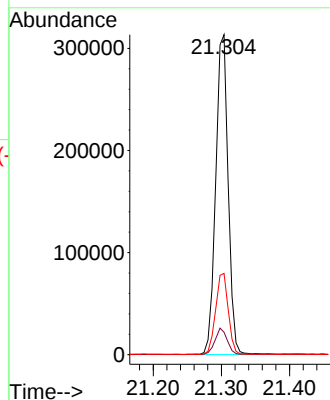
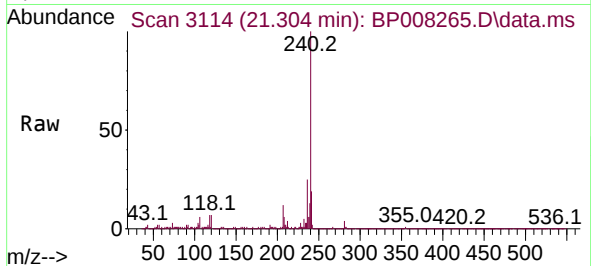




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.304 min Scan# 3116
Delta R.T. -0.012 min
Lab File: BP008265.D
Acq: 07 Dec 2021 23:29

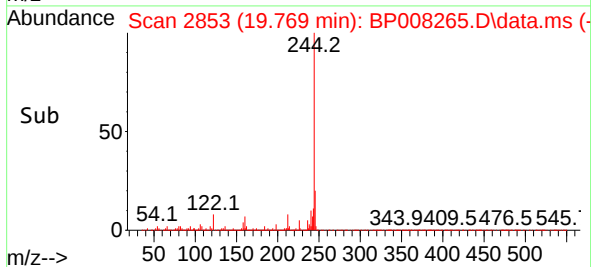
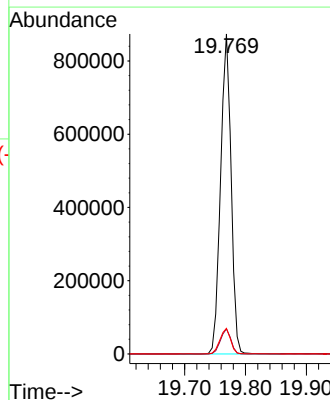
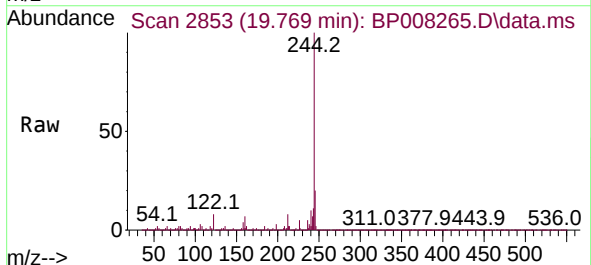
Instrument :
BNA_P
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2022

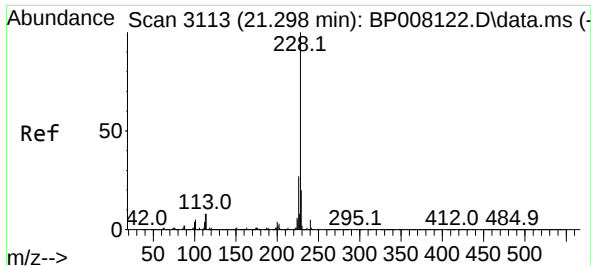
Tgt Ion:240 Resp: 398283
Ion Ratio Lower Upper
240 100
120 7.0 7.3 10.9#
236 25.4 21.4 32.2



#79
Terphenyl-d14
Concen: 54.721 ng
RT: 19.769 min Scan# 2853
Delta R.T. -0.012 min
Lab File: BP008265.D
Acq: 07 Dec 2021 23:29

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

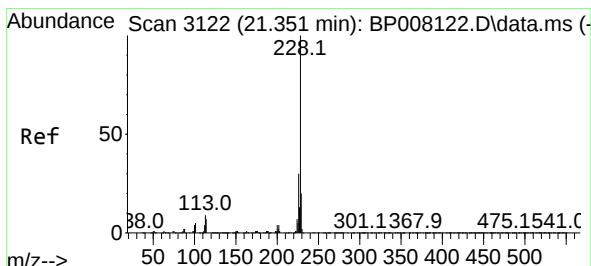
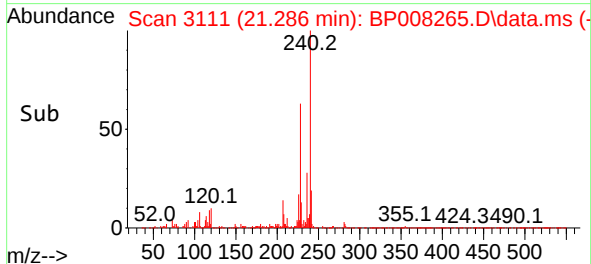
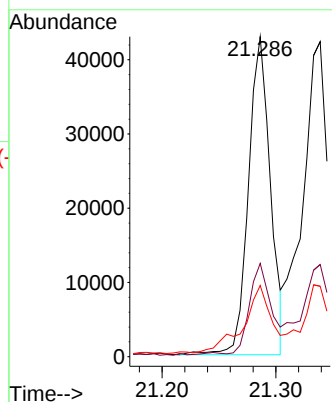
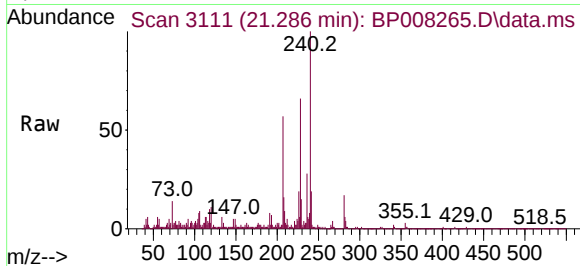




#81
Benzo(a)anthracene
Concen: 2.186 ng
RT: 21.286 min Scan# 3111
Delta R.T. -0.012 min
Lab File: BP008265.D
Acq: 07 Dec 2021 23:29

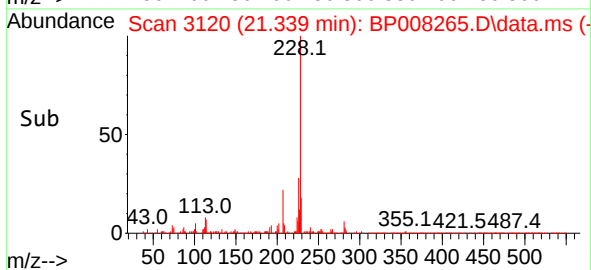
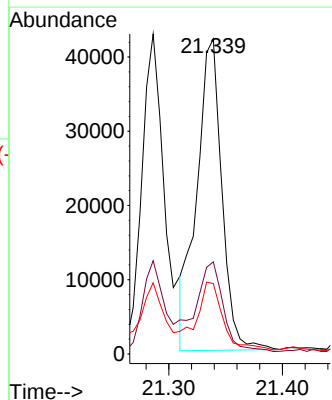
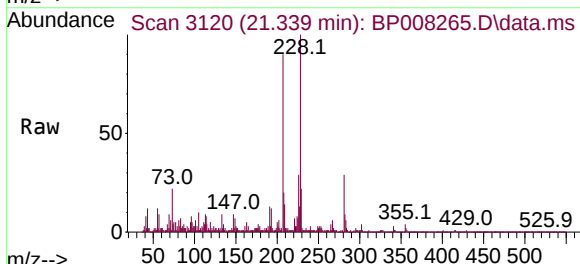
Instrument :
BNA_P
ClientSampleId :
2022

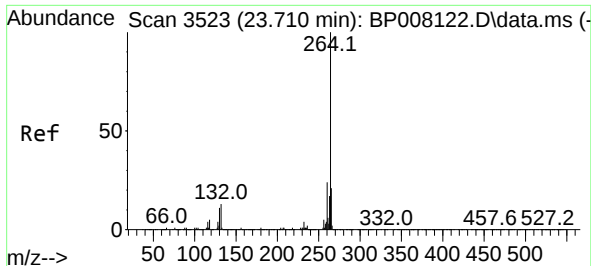
Tgt Ion:	228	Resp:	57697
Ion Ratio	Lower	Upper	
228	100		
226	29.2	21.9	32.9
229	22.3	15.9	23.9



#83
Chrysene
Concen: 2.567 ng
RT: 21.339 min Scan# 3120
Delta R.T. -0.012 min
Lab File: BP008265.D
Acq: 07 Dec 2021 23:29

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

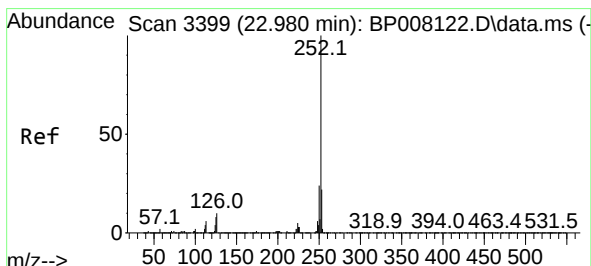
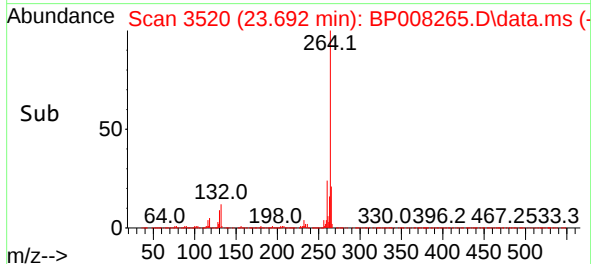
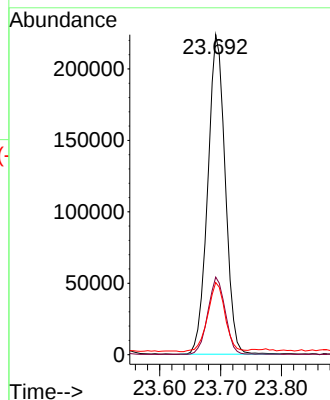
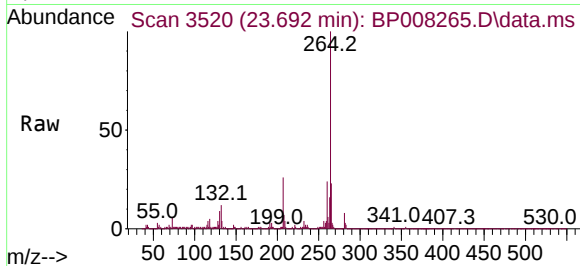




#86
Perylene-d12
Concen: 20.000 ng
RT: 23.692 min Scan# 31
Delta R.T. -0.024 min
Lab File: BP008265.D
Acq: 07 Dec 2021 23:29

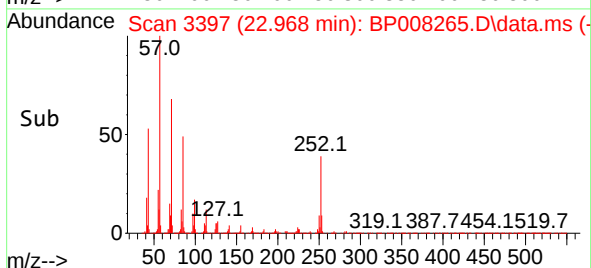
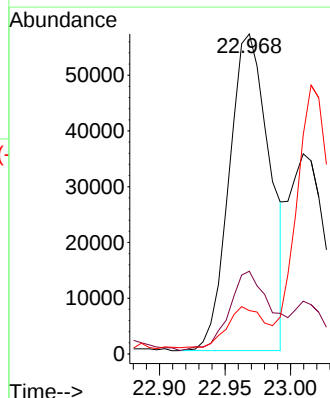
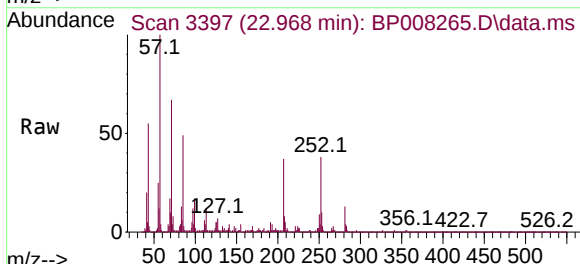
Instrument :
BNA_P
ClientSampleId :
2022

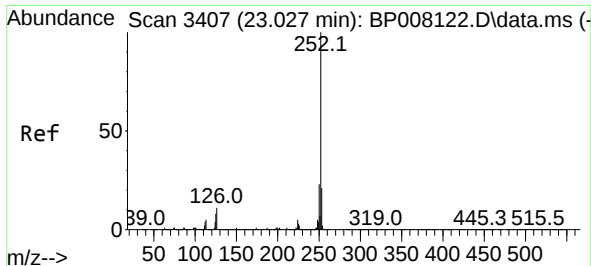
Tgt Ion:264 Resp: 444179
Ion Ratio Lower Upper
264 100
260 24.3 19.4 29.2
265 22.5 17.6 26.4



#88
Benzo(b)fluoranthene
Concen: 4.559 ng
RT: 22.968 min Scan# 3397
Delta R.T. -0.018 min
Lab File: BP008265.D
Acq: 07 Dec 2021 23:29

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#

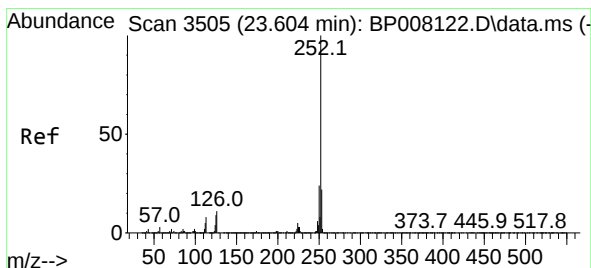
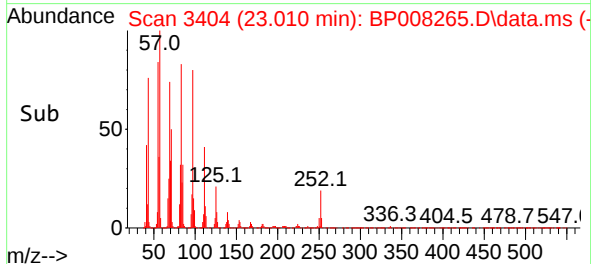
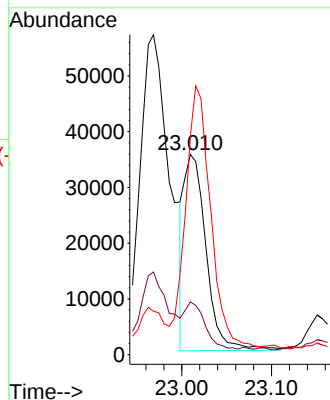
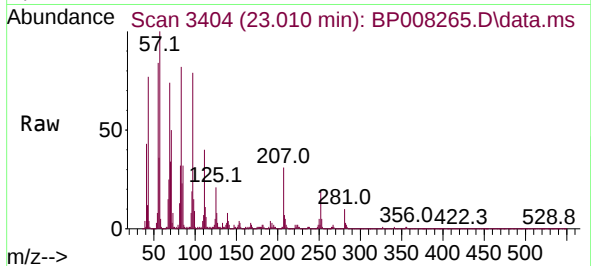




#89
Benzo(k)fluoranthene
Concen: 2.294 ng
RT: 23.010 min Scan# 3407
Delta R.T. -0.024 min
Lab File: BP008265.D
Acq: 07 Dec 2021 23:29

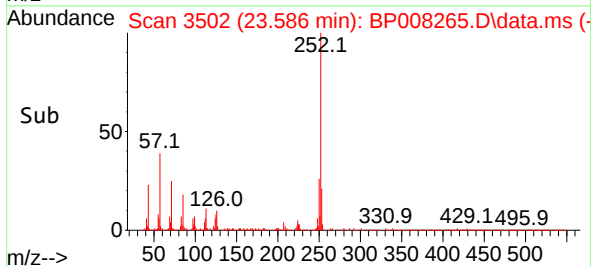
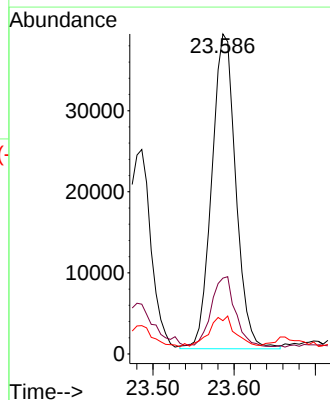
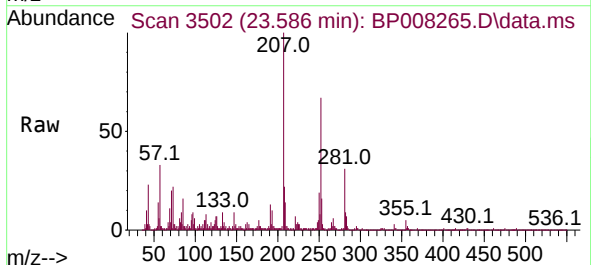
Instrument :
BNA_P
ClientSampleId :
2022

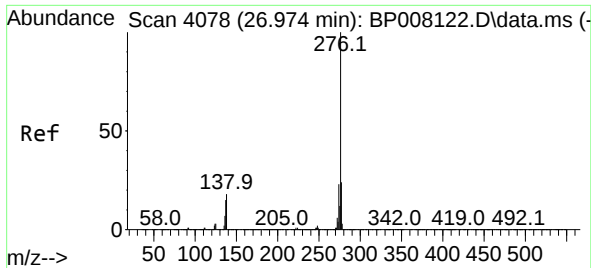
Tgt Ion:252 Resp: 60136
Ion Ratio Lower Upper
252 100
253 26.3 17.3 25.9#
125 109.5 6.5 9.7#



#90
Benzo(a)pyrene
Concen: 3.488 ng
RT: 23.586 min Scan# 3502
Delta R.T. -0.024 min
Lab File: BP008265.D
Acq: 07 Dec 2021 23:29

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

Instrument :
 BNA_P
 ClientSampleId :
 2022

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

