

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120721\
 Data File : BP008266.D
 Acq On : 08 Dec 2021 00:02
 Operator : CG/JU
 Sample : M4954-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-4(2.0-2.5)

Quant Time: Dec 08 01:12:27 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)

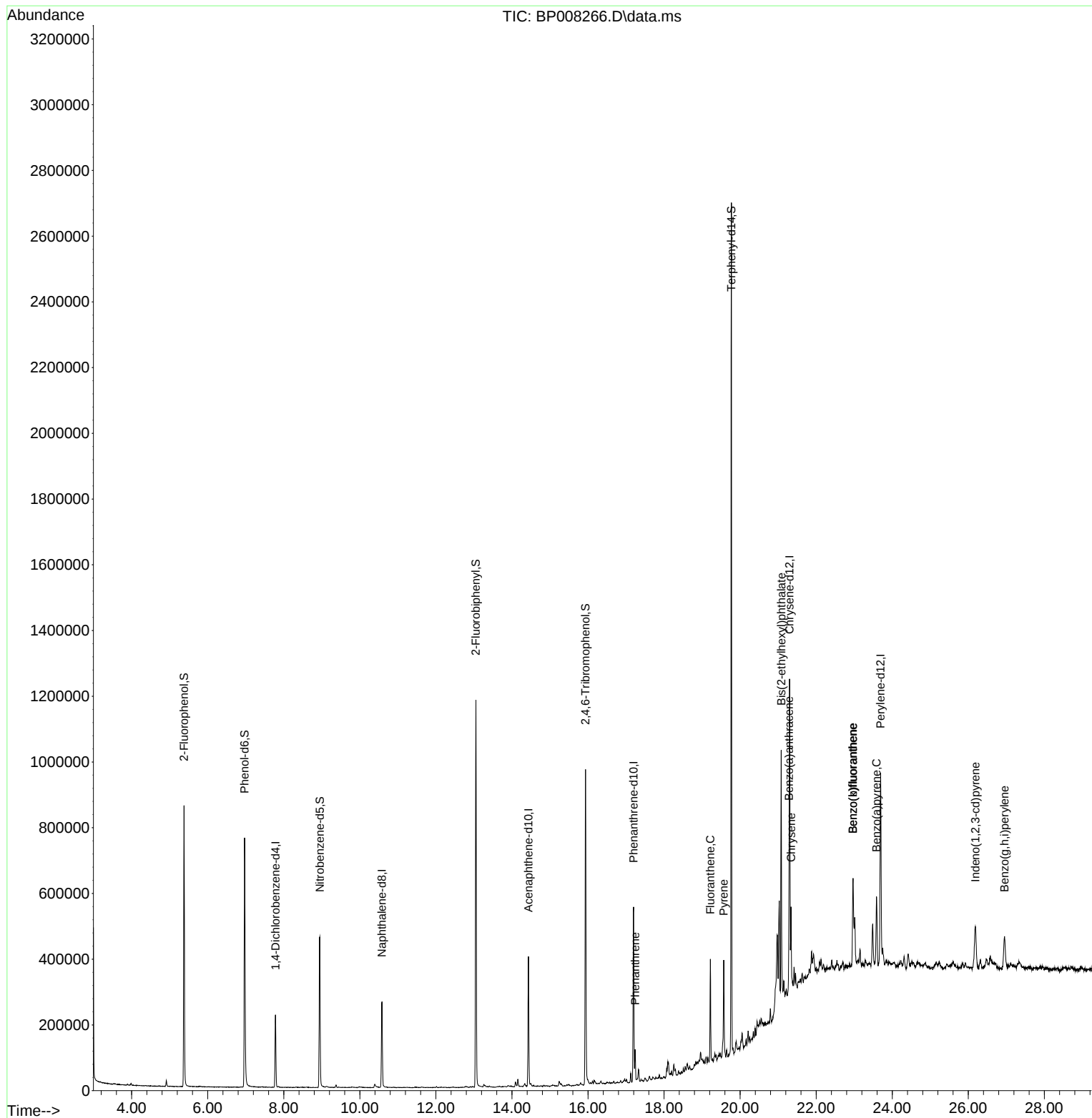
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	57354	20.000	ng	-0.02
21) Naphthalene-d8	10.581	136	209549	20.000	ng	-0.02
39) Acenaphthene-d10	14.434	164	137663	20.000	ng	-0.01
64) Phenanthrene-d10	17.198	188	323695	20.000	ng	-0.01
76) Chrysene-d12	21.298	240	413863	20.000	ng	-0.02
86) Perylene-d12	23.692	264	446413	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	333876	93.729	ng	-0.01
7) Phenol-d6	6.969	99	431694	89.774	ng	-0.02
23) Nitrobenzene-d5	8.946	82	284299	61.694	ng	-0.02
42) 2,4,6-Tribromophenol	15.934	330	188511	107.135	ng	-0.02
45) 2-Fluorobiphenyl	13.051	172	578472	61.037	ng	-0.02
79) Terphenyl-d14	19.769	244	1162857	58.722	ng	-0.01
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.922	77	68	Below Cal	#	39
71) Phenanthrene	17.239	178	57197	3.347	ng	100
75) Fluoranthene	19.216	202	169607	7.367	ng	98
78) Pyrene	19.569	202	174891	4.374	ng	99
81) Benzo(a)anthracene	21.286	228	132013	4.813	ng	97
83) Chrysene	21.339	228	137627	5.273	ng	97
84) Bis(2-ethylhexyl)phtha...	21.080	149	274960	15.367	ng	# 52
87) Indeno(1,2,3-cd)pyrene	26.186	276	135850	4.183	ng	# 95
88) Benzo(b)fluoranthene	22.969	252	224746	8.351	ng	100
89) Benzo(k)fluoranthene	22.969	252	224746	8.530	ng	99
90) Benzo(a)pyrene	23.586	252	154092	6.699	ng	97
92) Benzo(g,h,i)perylene	26.951	276	140084	5.148	ng	100

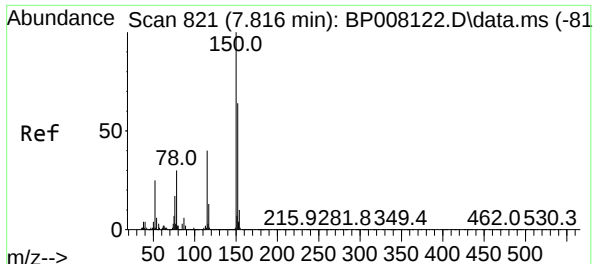
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120721\
Data File : BP008266.D
Acq On : 08 Dec 2021 00:02
Operator : CG/JU
Sample : M4954-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-4(2.0-2.5)

Quant Time: Dec 08 01:12:27 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

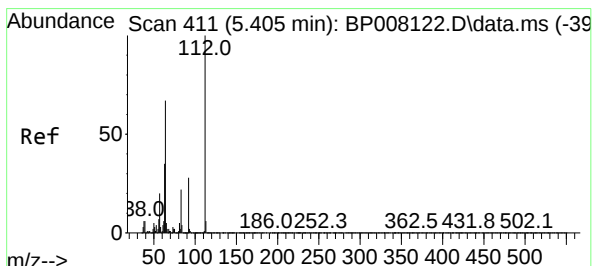
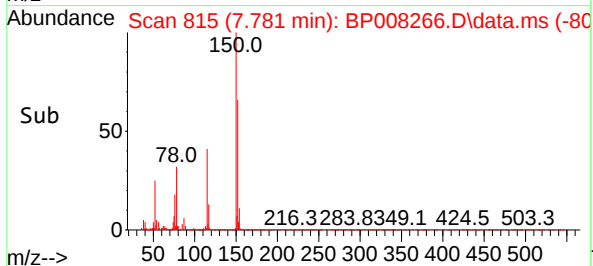
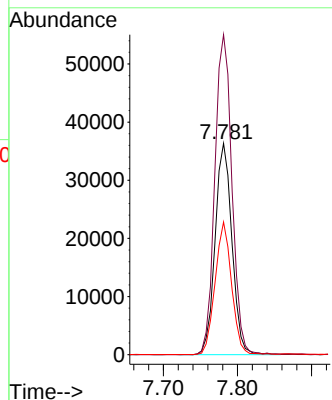
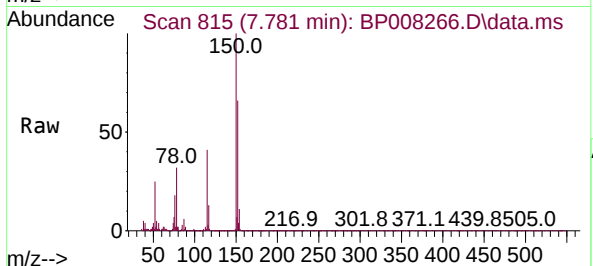




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.781 min Scan# 81
Delta R.T. -0.018 min
Lab File: BP008266.D
Acq: 08 Dec 2021 00:02

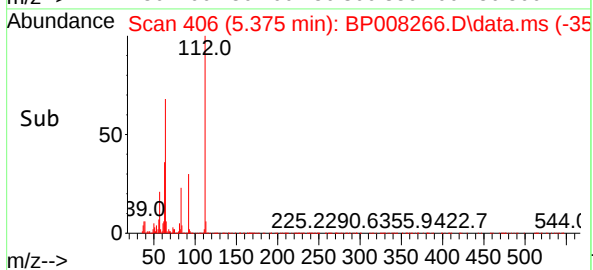
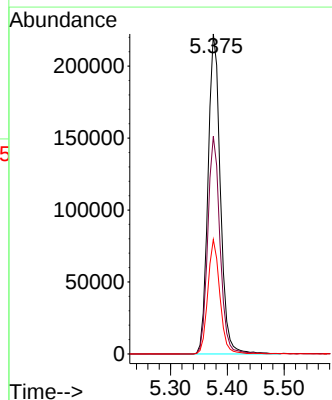
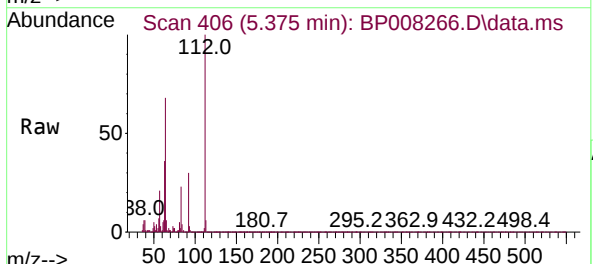
Instrument :
BNA_P
ClientSampleId :
SB-4(2.0-2.5)

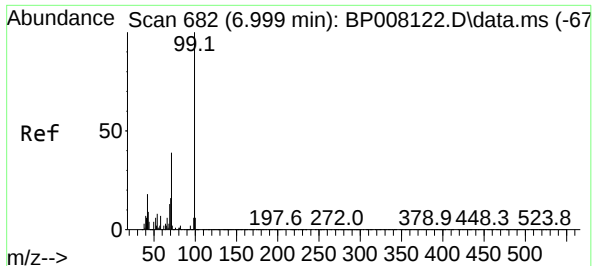
Tgt Ion:152 Resp: 57354
Ion Ratio Lower Upper
152 100
150 151.4 125.7 188.5
115 62.8 50.7 76.1



#5
2-Fluorophenol
Concen: 93.729 ng
RT: 5.375 min Scan# 406
Delta R.T. -0.012 min
Lab File: BP008266.D
Acq: 08 Dec 2021 00:02

Tgt Ion:112 Resp: 333876
Ion Ratio Lower Upper
112 100
64 68.0 53.4 80.2
63 35.7 27.8 41.8

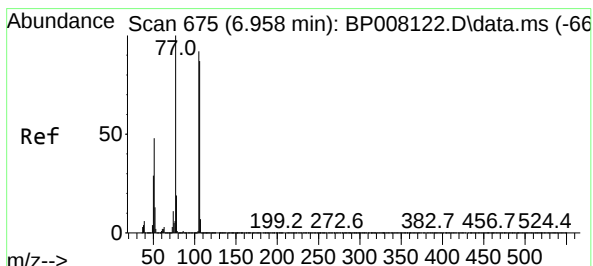
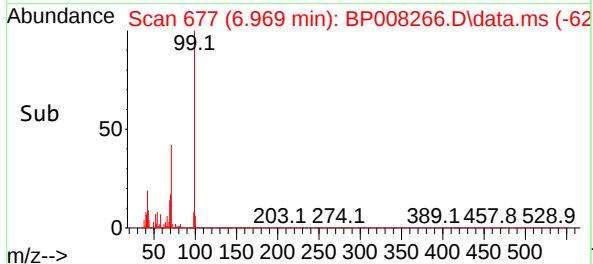
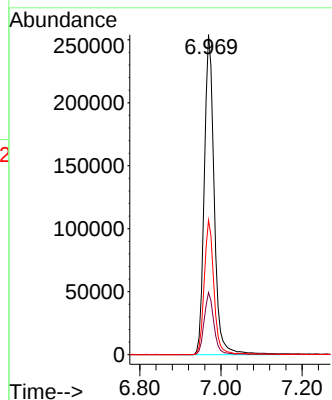
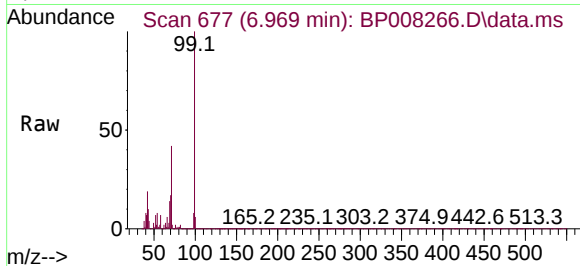




#7
Phenol-d6
Concen: 89.774 ng
RT: 6.969 min Scan# 61
Delta R.T. -0.018 min
Lab File: BP008266.D
Acq: 08 Dec 2021 00:02

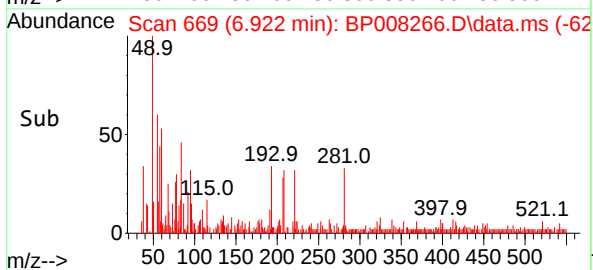
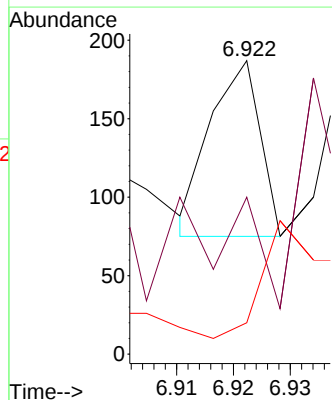
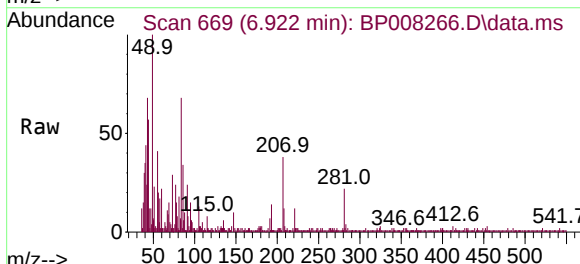
Instrument :
BNA_P
ClientSampleId :
SB-4(2.0-2.5)

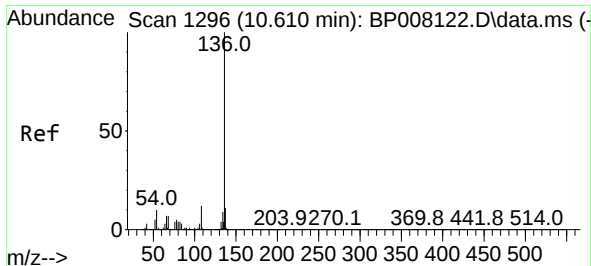
Tgt Ion: 99 Resp: 431694
Ion Ratio Lower Upper
99 100
42 19.5 14.6 22.0
71 42.0 31.1 46.7



#9
Benzaldehyde
Concen: Below Cal
RT: 6.922 min Scan# 669
Delta R.T. -0.018 min
Lab File: BP008266.D
Acq: 08 Dec 2021 00:02

Tgt Ion: 77 Resp: 68
Ion Ratio Lower Upper
77 100
105 53.5 71.8 111.8#
106 10.7 67.3 107.3#

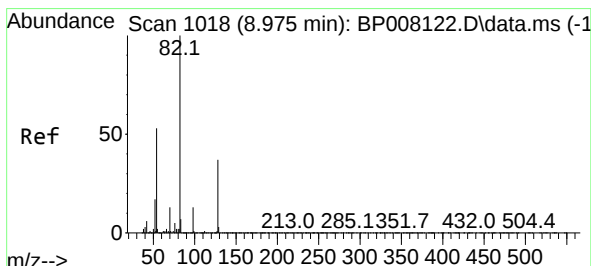
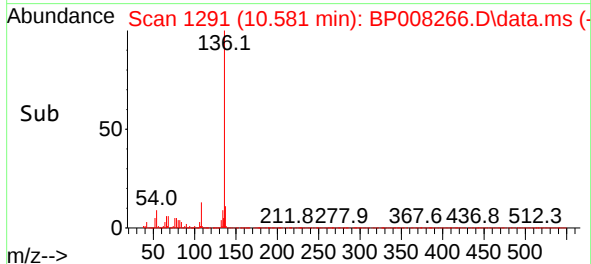
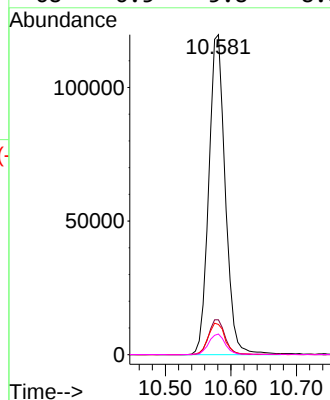
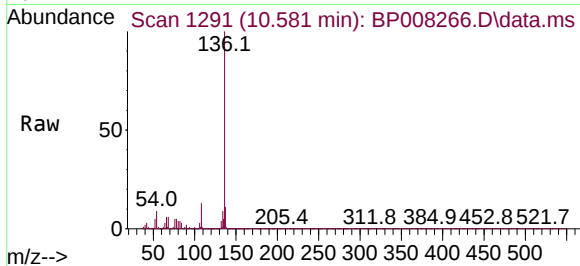




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.581 min Scan# 1013
Delta R.T. -0.018 min
Lab File: BP008266.D
Acq: 08 Dec 2021 00:02

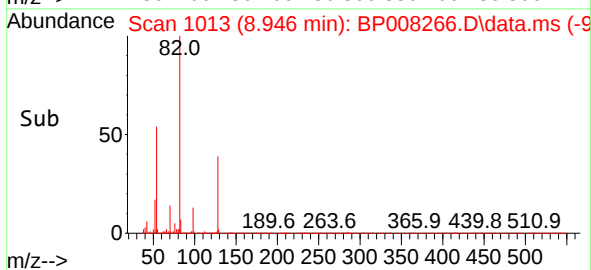
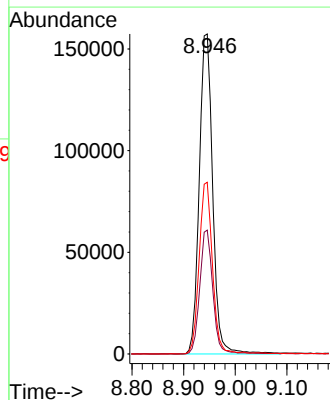
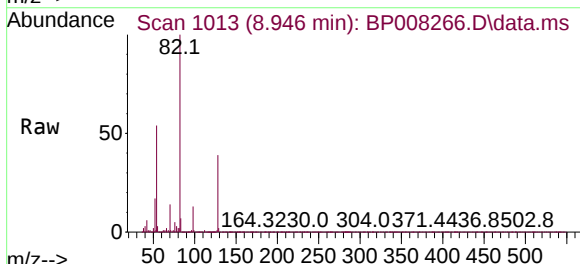
Instrument :
BNA_P
ClientSampleId :
SB-4(2.0-2.5)

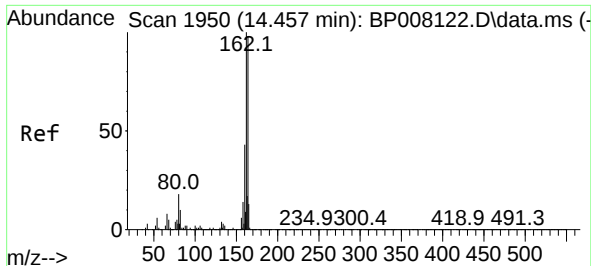
Tgt Ion:136	Resp: 209549
Ion Ratio	Lower Upper
136 100	
137 10.9	9.0 13.6
54 9.5	8.2 12.4
68 6.5	5.8 8.8



#23
Nitrobenzene-d5
Concen: 61.694 ng
RT: 8.946 min Scan# 1013
Delta R.T. -0.018 min
Lab File: BP008266.D
Acq: 08 Dec 2021 00:02

Tgt Ion: 82	Resp: 284299
Ion Ratio	Lower Upper
82 100	
128 38.7	29.6 44.4
54 53.6	42.7 64.1

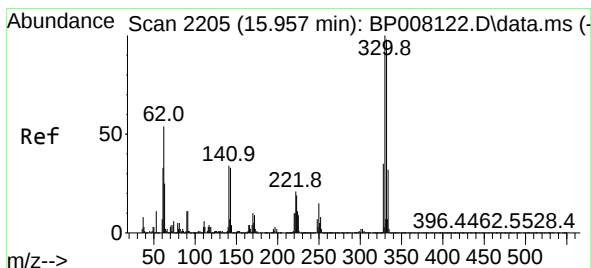
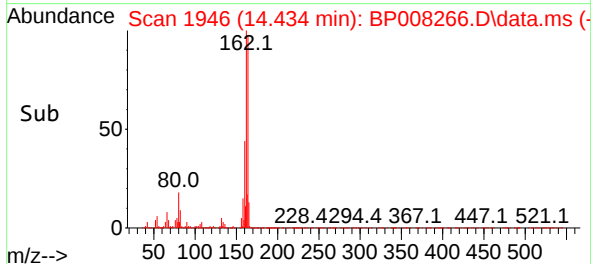
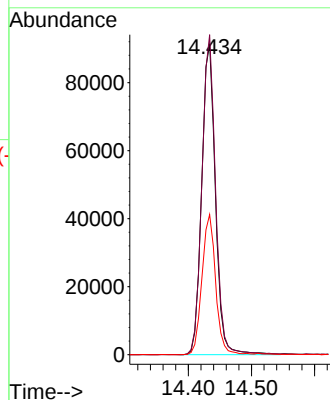
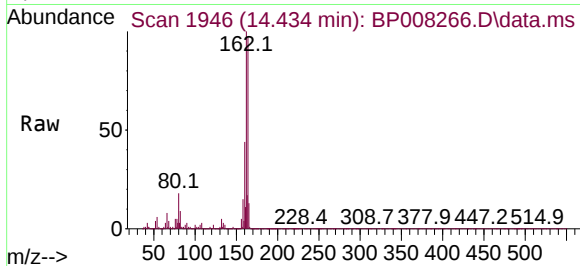




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.434 min Scan# 1946
Delta R.T. -0.012 min
Lab File: BP008266.D
Acq: 08 Dec 2021 00:02

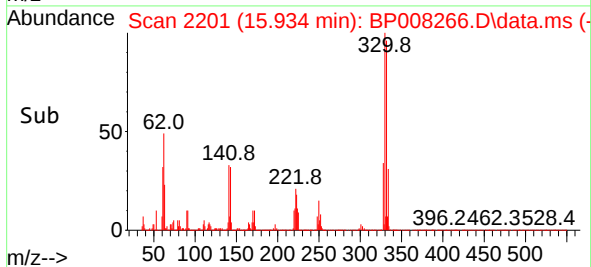
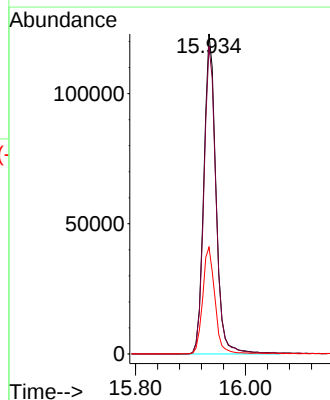
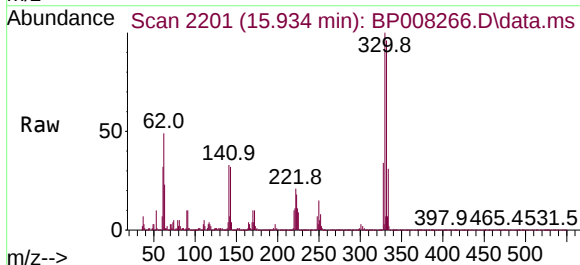
Instrument :
BNA_P
ClientSampleId :
SB-4(2.0-2.5)

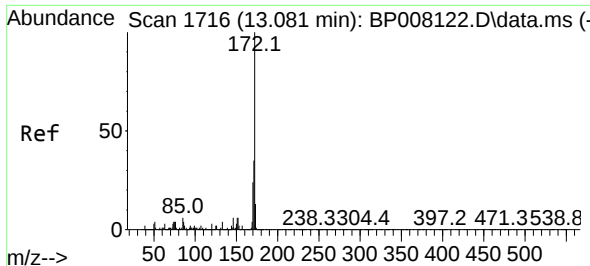
Tgt Ion:164 Resp: 137663
Ion Ratio Lower Upper
164 100
162 103.1 81.9 122.9
160 45.2 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 107.135 ng
RT: 15.934 min Scan# 2201
Delta R.T. -0.018 min
Lab File: BP008266.D
Acq: 08 Dec 2021 00:02

Tgt Ion:330 Resp: 188511
Ion Ratio Lower Upper
330 100
332 96.8 77.0 115.4
141 33.6 28.4 42.6

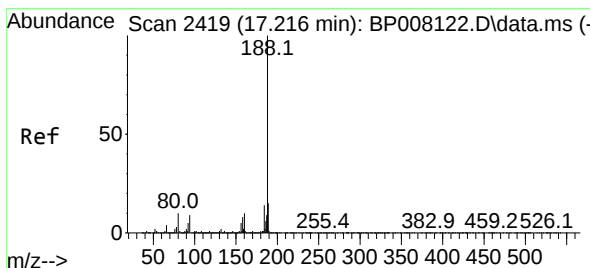
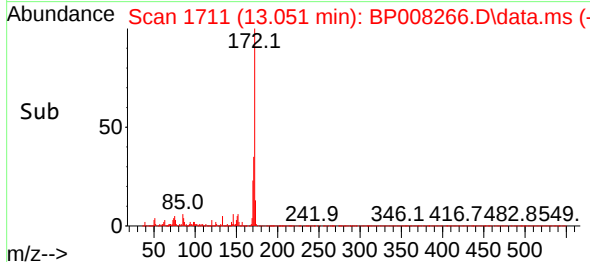
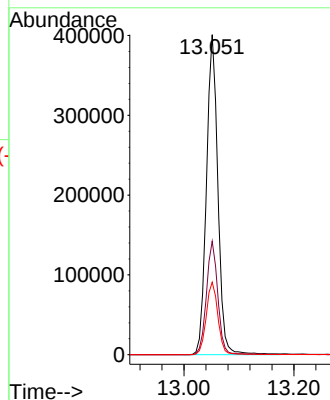
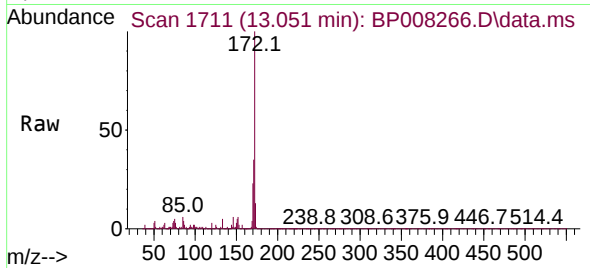




#45
2-Fluorobiphenyl
Concen: 61.037 ng
RT: 13.051 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP008266.D
Acq: 08 Dec 2021 00:02

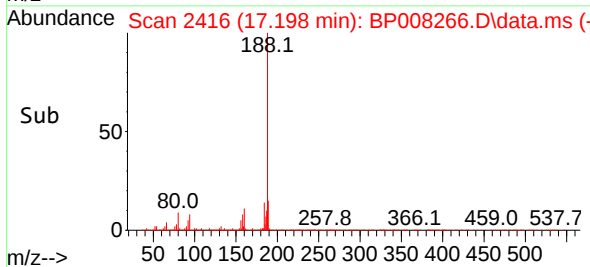
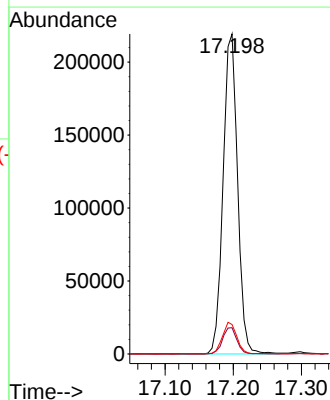
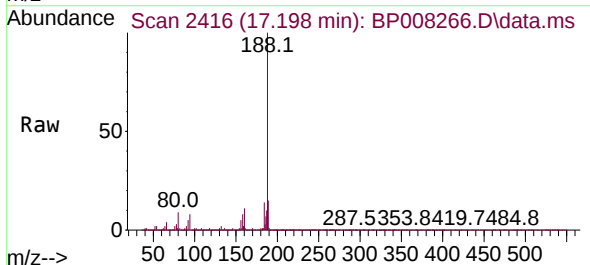
Instrument :
BNA_P
ClientSampleId :
SB-4(2.0-2.5)

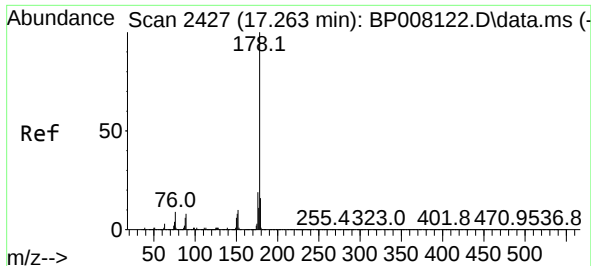
Tgt Ion:172 Resp: 578472
Ion Ratio Lower Upper
172 100
171 35.5 28.0 42.0
170 22.6 18.9 28.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.198 min Scan# 2416
Delta R.T. -0.012 min
Lab File: BP008266.D
Acq: 08 Dec 2021 00:02

Tgt Ion:188 Resp: 323695
Ion Ratio Lower Upper
188 100
94 8.2 7.2 10.8
80 9.2 8.2 12.4

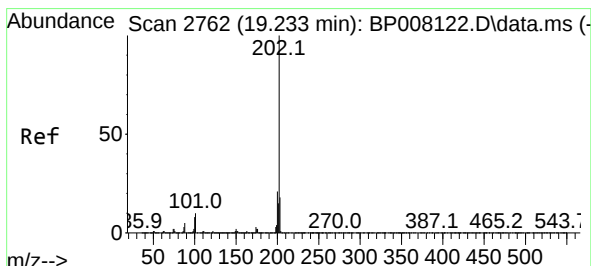
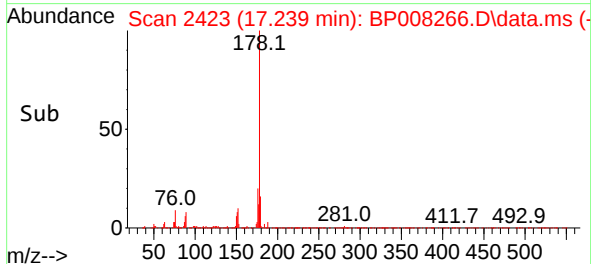
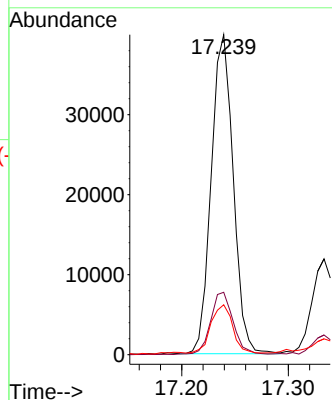
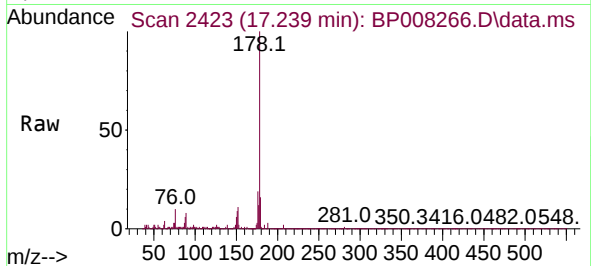




#71
Phenanthrene
Concen: 3.347 ng
RT: 17.239 min Scan# 2427
Delta R.T. -0.012 min
Lab File: BP008266.D
Acq: 08 Dec 2021 00:02

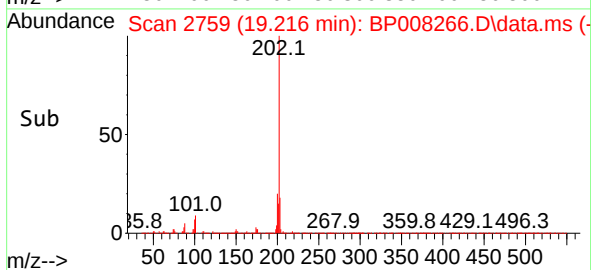
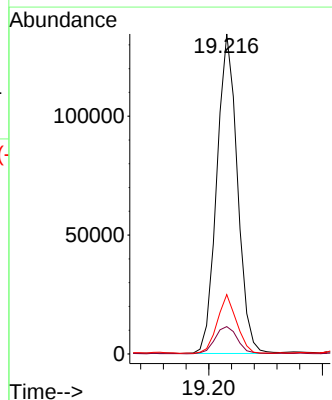
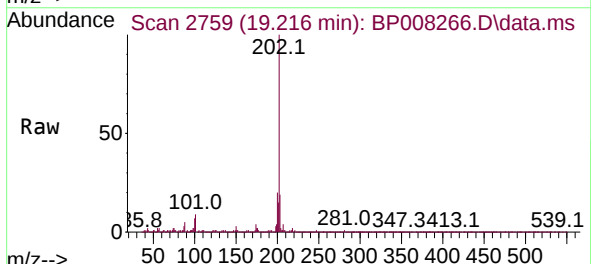
Instrument :
BNA_P
ClientSampleId :
SB-4(2.0-2.5)

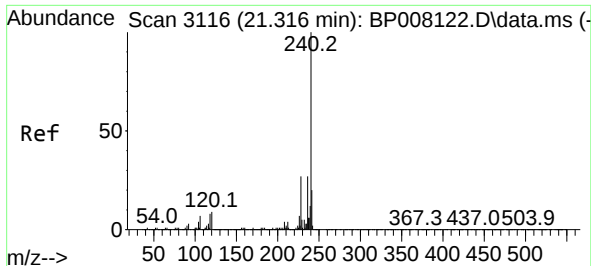
Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.3	22.9
179	15.6	12.5	18.7



#75
Fluoranthene
Concen: 7.367 ng
RT: 19.216 min Scan# 2759
Delta R.T. -0.018 min
Lab File: BP008266.D
Acq: 08 Dec 2021 00:02

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.6	0.0	29.8
203	18.6	0.0	37.7

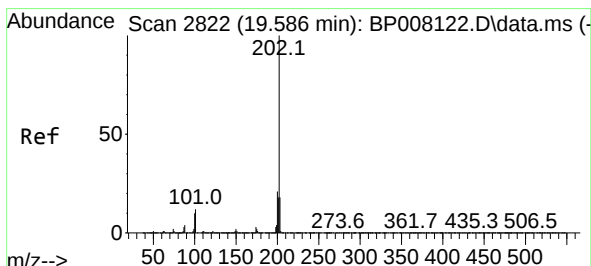
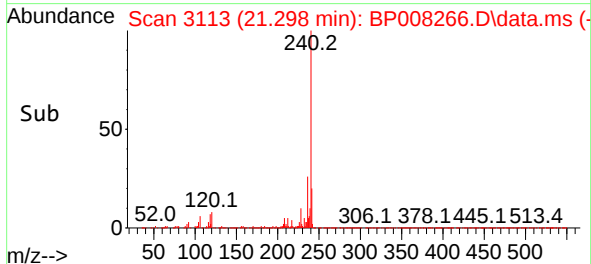
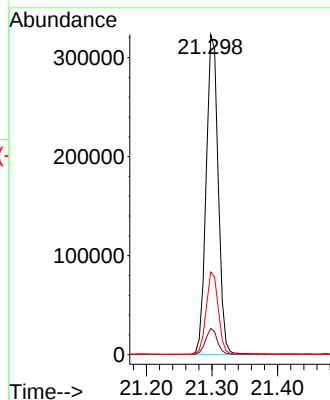
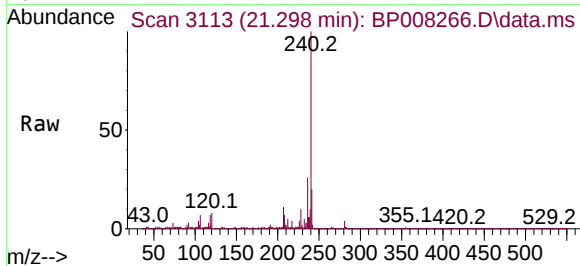




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.298 min Scan# 3116
Delta R.T. -0.018 min
Lab File: BP008266.D
Acq: 08 Dec 2021 00:02

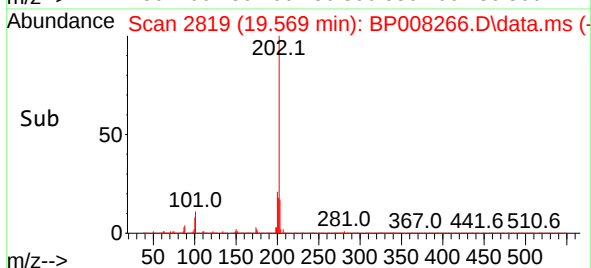
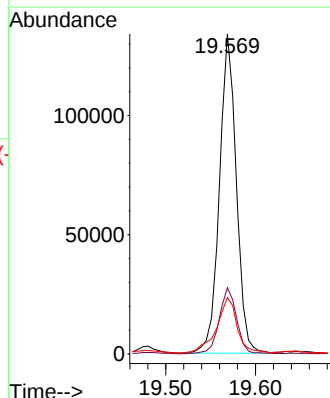
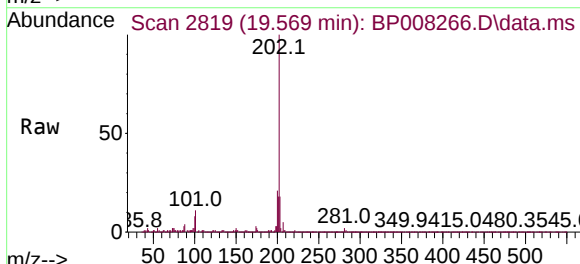
Instrument :
BNA_P
ClientSampleId :
SB-4(2.0-2.5)

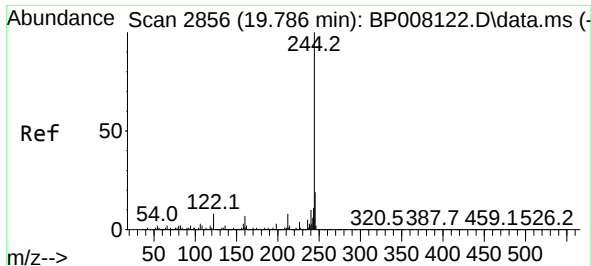
Tgt Ion:240 Resp: 413863
Ion Ratio Lower Upper
240 100
120 8.2 7.3 10.9
236 25.8 21.4 32.2



#78
Pyrene
Concen: 4.374 ng
RT: 19.569 min Scan# 2819
Delta R.T. -0.018 min
Lab File: BP008266.D
Acq: 08 Dec 2021 00:02

Tgt Ion:202 Resp: 174891
Ion Ratio Lower Upper
202 100
200 20.7 17.1 25.7
203 17.6 14.2 21.2

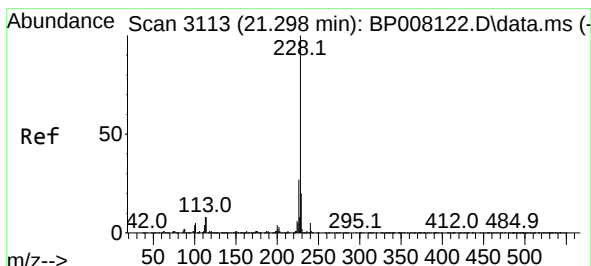
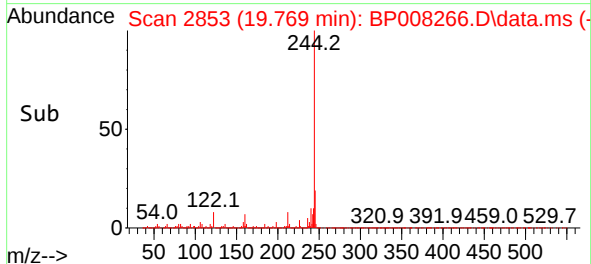
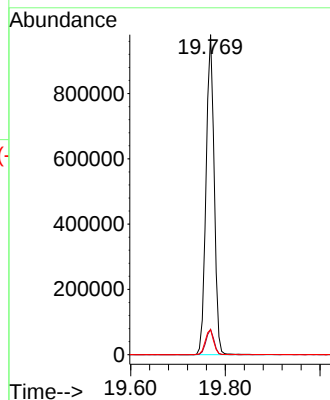
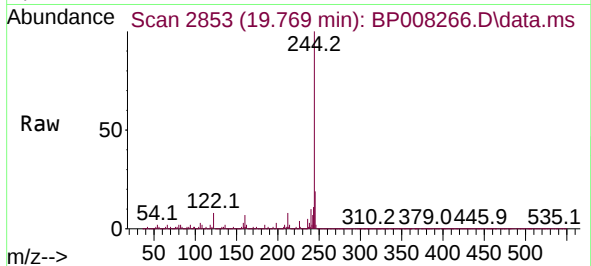




#79
 Terphenyl-d14
 Concen: 58.722 ng
 RT: 19.769 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BP008266.D
 Acq: 08 Dec 2021 00:02

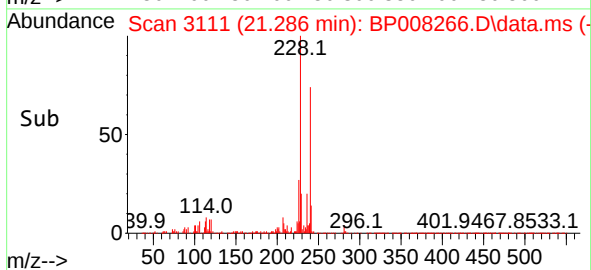
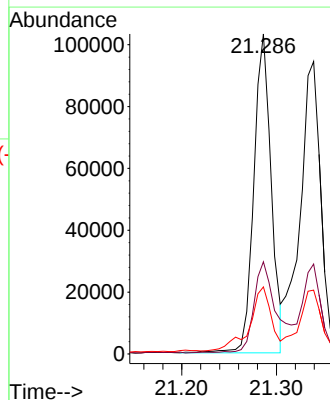
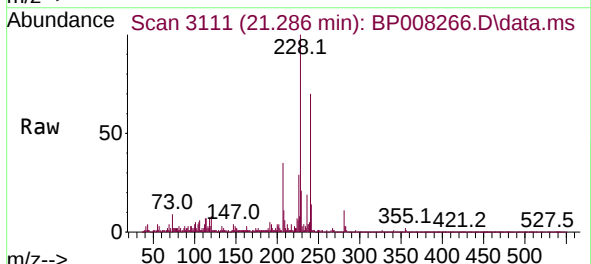
Instrument :
 BNA_P
 ClientSampleId :
 SB-4(2.0-2.5)

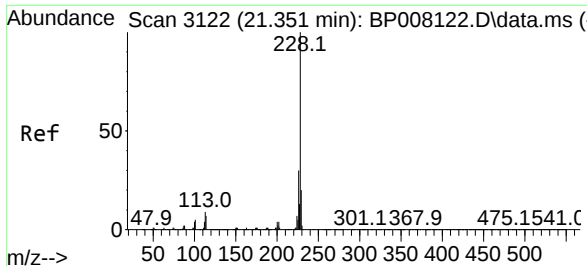
Tgt Ion:244 Resp: 1162857
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.0 9.0
 122 7.9 6.6 9.8



#81
 Benzo(a)anthracene
 Concen: 4.813 ng
 RT: 21.286 min Scan# 3111
 Delta R.T. -0.012 min
 Lab File: BP008266.D
 Acq: 08 Dec 2021 00:02

Tgt Ion:228 Resp: 132013
 Ion Ratio Lower Upper
 228 100
 226 28.8 21.9 32.9
 229 20.9 15.9 23.9

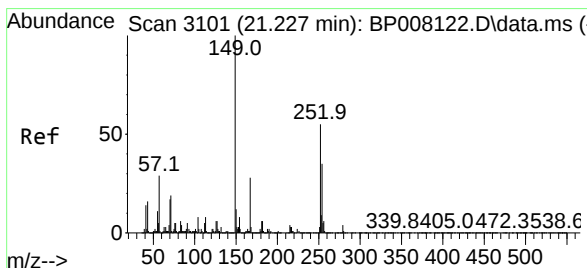
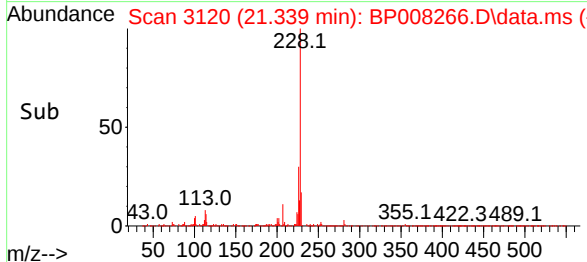
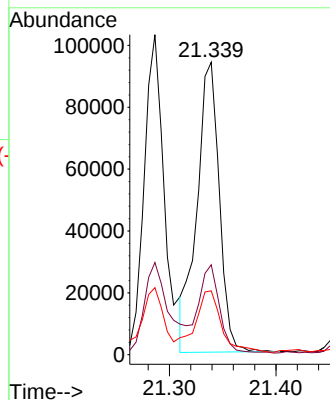
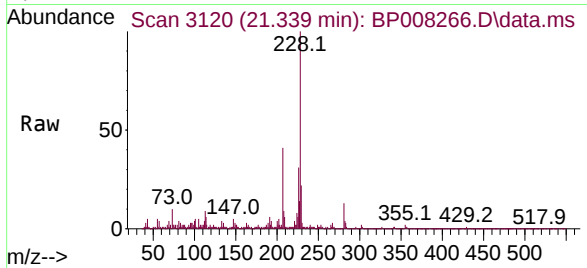




#83
Chrysene
Concen: 5.273 ng
RT: 21.339 min Scan# 3122
Delta R.T. -0.012 min
Lab File: BP008266.D
Acq: 08 Dec 2021 00:02

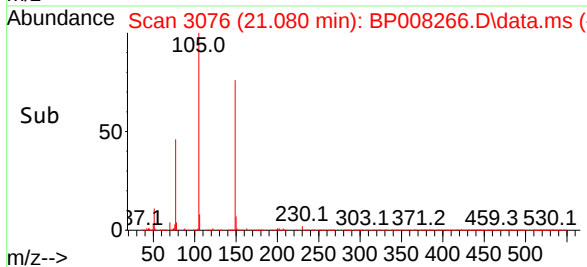
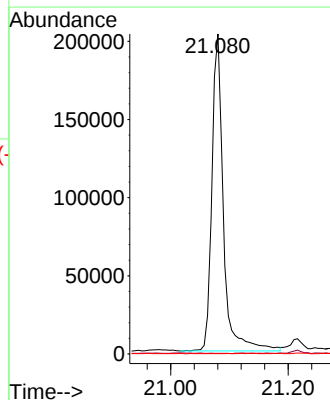
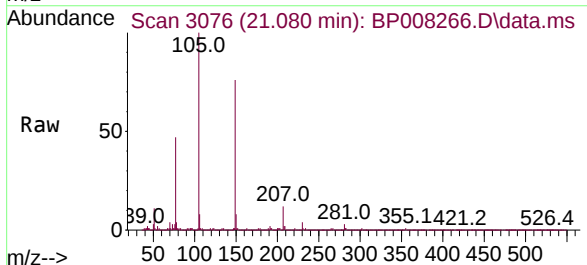
Instrument :
BNA_P
ClientSampleId :
SB-4(2.0-2.5)

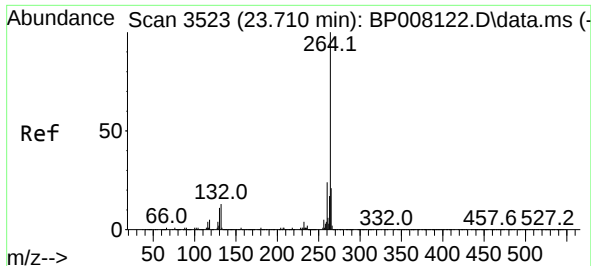
Tgt Ion:228 Resp: 137627
Ion Ratio Lower Upper
228 100
226 30.8 24.0 36.0
229 21.8 15.8 23.8



#84
Bis(2-ethylhexyl)phthalate
Concen: 15.367 ng
RT: 21.080 min Scan# 3076
Delta R.T. -0.147 min
Lab File: BP008266.D
Acq: 08 Dec 2021 00:02

Tgt Ion:149 Resp: 274960
Ion Ratio Lower Upper
149 100
167 0.2 22.5 33.7#
279 0.1 3.5 5.3#



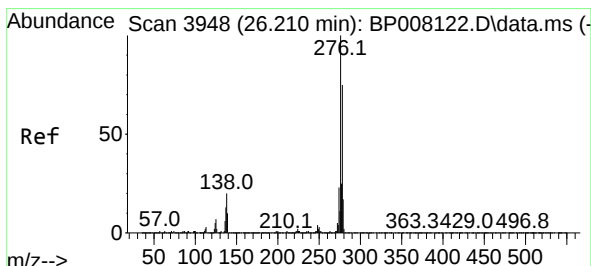
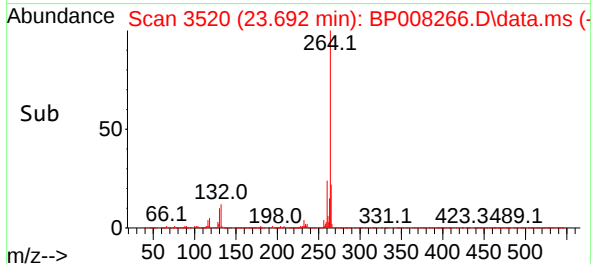
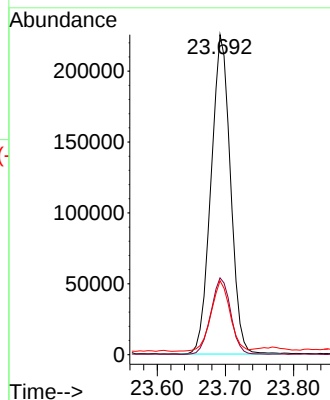
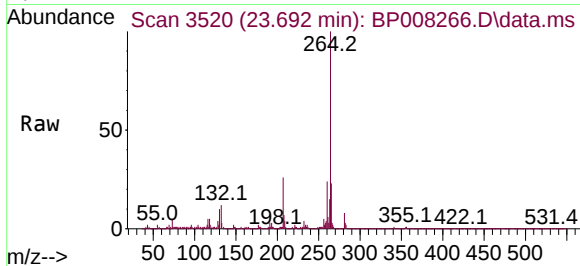


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.692 min Scan# 31
Delta R.T. -0.024 min
Lab File: BP008266.D
Acq: 08 Dec 2021 00:02

Instrument :
BNA_P
ClientSampleId :
SB-4(2.0-2.5)

Tgt Ion:264 Resp: 446413

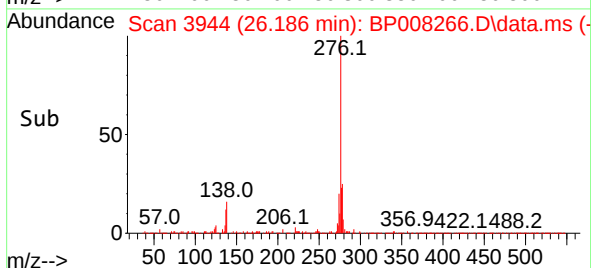
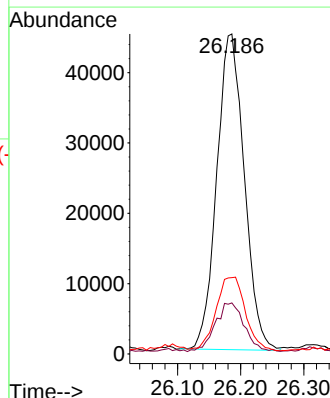
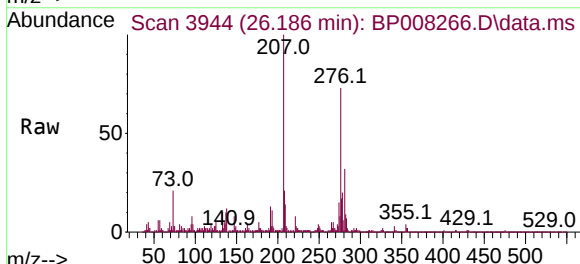
Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.2
265	23.1	17.6	26.4

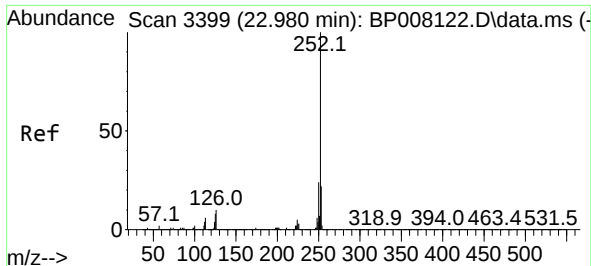


#87
Indeno(1,2,3-cd)pyrene
Concen: 4.183 ng
RT: 26.186 min Scan# 3944
Delta R.T. -0.041 min
Lab File: BP008266.D
Acq: 08 Dec 2021 00:02

Tgt Ion:276 Resp: 135850

Ion	Ratio	Lower	Upper
276	100		
138	16.3	16.6	25.0#
277	24.7	20.2	30.2

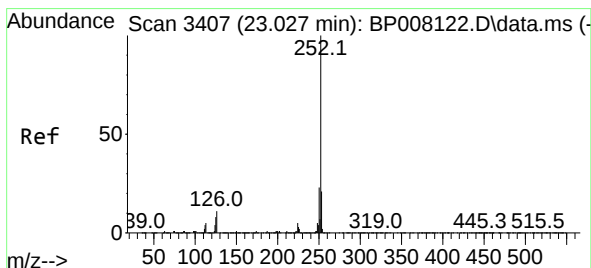
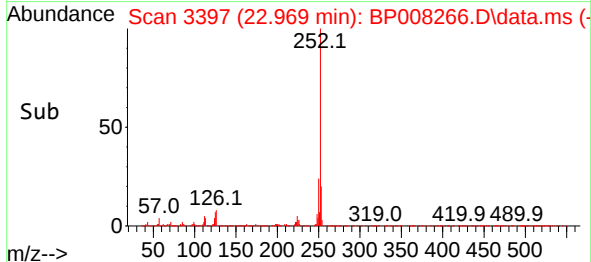
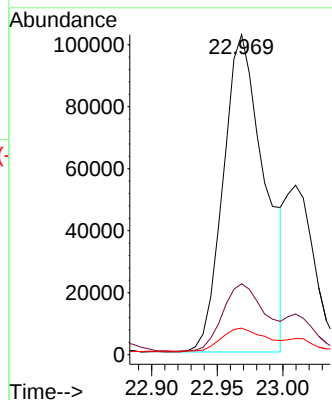
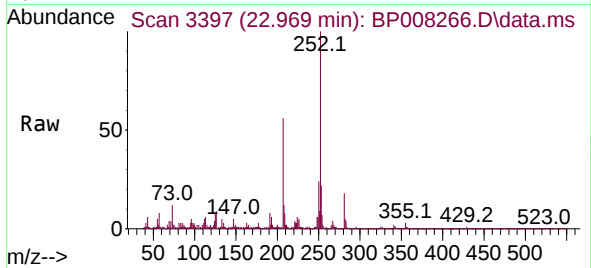




#88
Benzo(b)fluoranthene
Concen: 8.351 ng
RT: 22.969 min Scan# 31
Delta R.T. -0.018 min
Lab File: BP008266.D
Acq: 08 Dec 2021 00:02

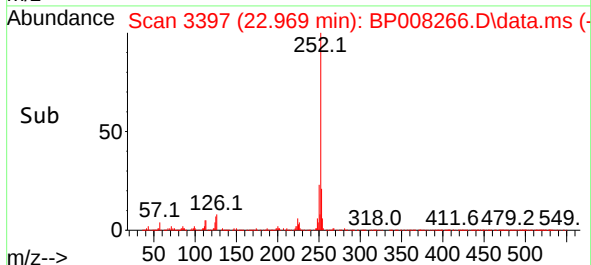
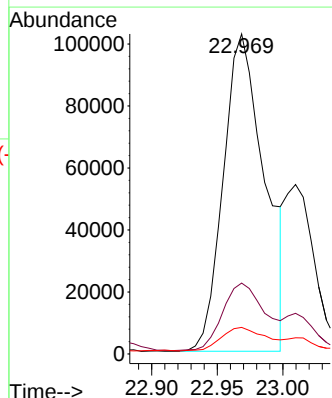
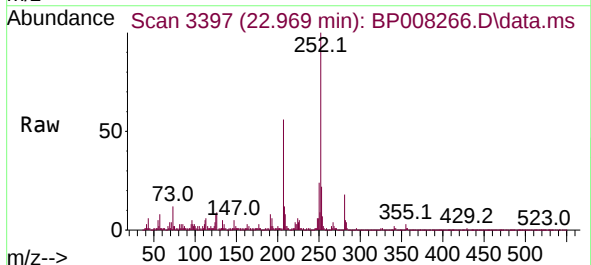
Instrument :
BNA_P
ClientSampleId :
SB-4(2.0-2.5)

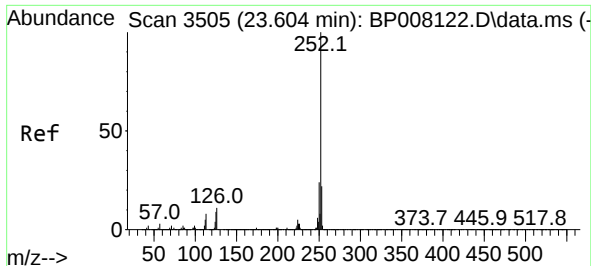
Tgt Ion:252 Resp: 224746
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 8.3 6.2 9.4



#89
Benzo(k)fluoranthene
Concen: 8.530 ng
RT: 22.969 min Scan# 3397
Delta R.T. -0.065 min
Lab File: BP008266.D
Acq: 08 Dec 2021 00:02

Tgt Ion:252 Resp: 224746
Ion Ratio Lower Upper
252 100
253 22.1 17.3 25.9
125 8.3 6.5 9.7

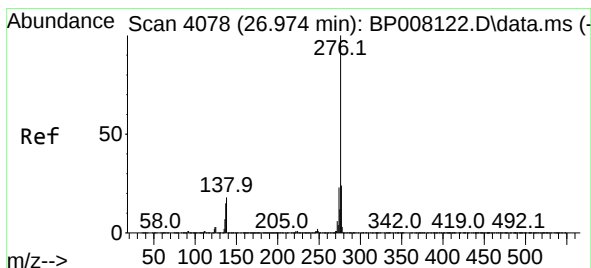
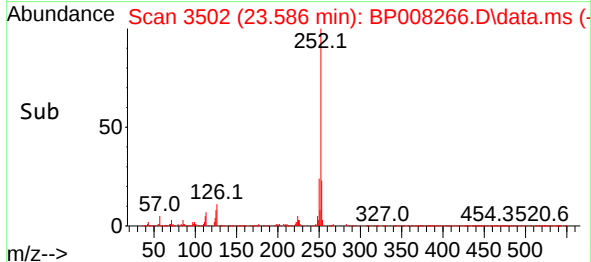
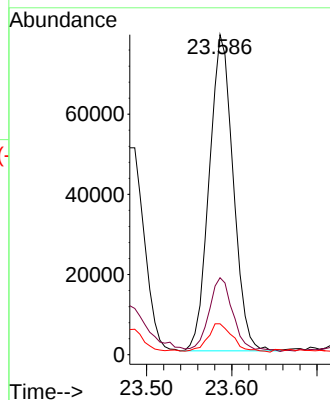
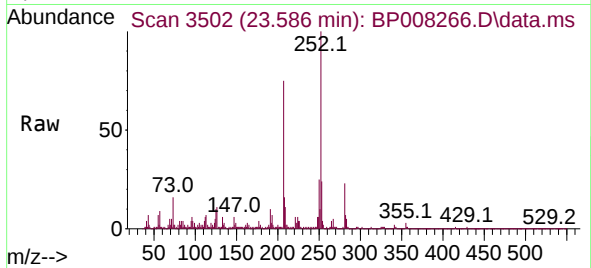




#90
Benzo(a)pyrene
Concen: 6.699 ng
RT: 23.586 min Scan# 31
Delta R.T. -0.024 min
Lab File: BP008266.D
Acq: 08 Dec 2021 00:02

Instrument :
BNA_P
ClientSampleId :
SB-4(2.0-2.5)

Tgt Ion:252 Resp: 154092
Ion Ratio Lower Upper
252 100
253 24.0 17.6 26.4
125 9.6 7.4 11.0



#92
Benzo(g,h,i)perylene
Concen: 5.148 ng
RT: 26.951 min Scan# 4074
Delta R.T. -0.047 min
Lab File: BP008266.D
Acq: 08 Dec 2021 00:02

Tgt Ion:276 Resp: 140084
Ion Ratio Lower Upper
276 100
277 25.0 20.0 30.0
138 17.4 14.1 21.1

