

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010322\
 Data File : BP008646.D
 Acq On : 03 Jan 2022 19:56
 Operator : CG/JU
 Sample : M5257-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 P2-D

Quant Time: Jan 04 06:01:20 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP122821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 30 08:44:33 2021
 Response via : Initial Calibration

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

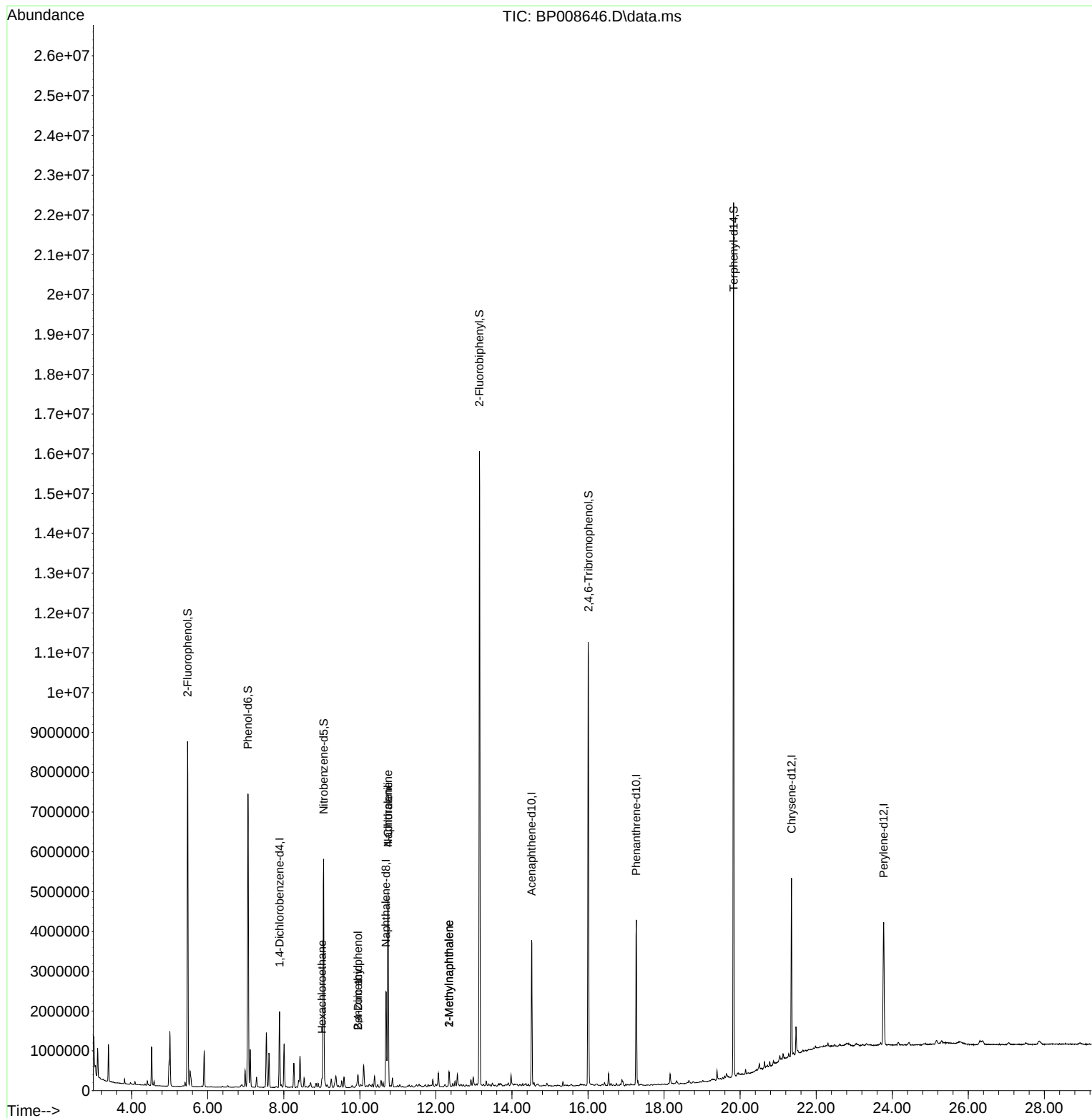
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.887	152	582776	20.000	ng	-0.01
21) Naphthalene-d8	10.687	136	2199481	20.000	ng	-0.01
39) Acenaphthene-d10	14.516	164	1359696	20.000	ng	-0.01
64) Phenanthrene-d10	17.269	188	2621791	20.000	ng	0.00
76) Chrysene-d12	21.351	240	2277793	20.000	ng	-0.01
86) Perylene-d12	23.774	264	2442424	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.470	112	4182647	131.001	ng	0.00
7) Phenol-d6	7.058	99	4685649	105.435	ng	0.00
23) Nitrobenzene-d5	9.046	82	3410496	92.243	ng	-0.01
42) 2,4,6-Tribromophenol	16.010	330	2559427	139.128	ng	0.00
45) 2-Fluorobiphenyl	13.146	172	8832700	94.116	ng	-0.01
79) Terphenyl-d14	19.828	244	10614152	95.144	ng	0.00
Target Compounds						
						Qvalue
18) Hexachloroethane	9.005	117	30025	2.057	ng	# 1
27) 2,4-Dimethylphenol	9.952	122	142129	4.710	ng	# 5
31) Naphthalene	10.740	128	4282817	37.515	ng	100
32) Benzoic acid	9.952	122	142129	7.456	ng	96
33) 4-Chloroaniline	10.740	127	558117	11.401	ng	# 33
37) 2-Methylnaphthalene	12.346	142	176767	2.057	ng	99
38) 1-Methylnaphthalene	12.346	142	176767	2.104	ng	97

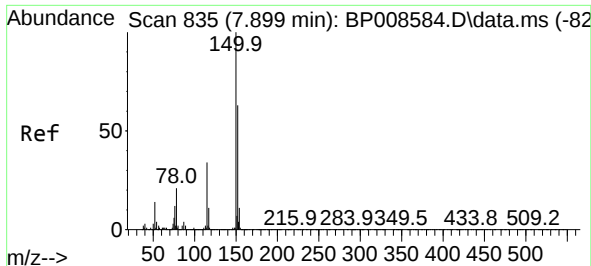
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 30 08:44:33 2021
Response via : Initial Calibration

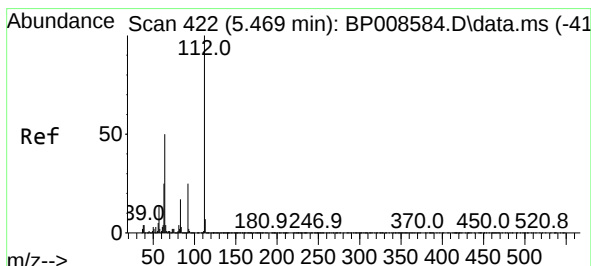
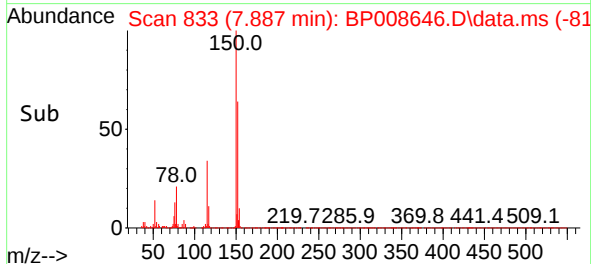
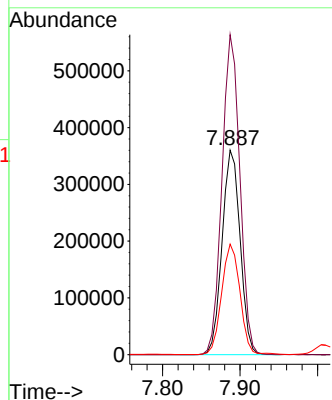
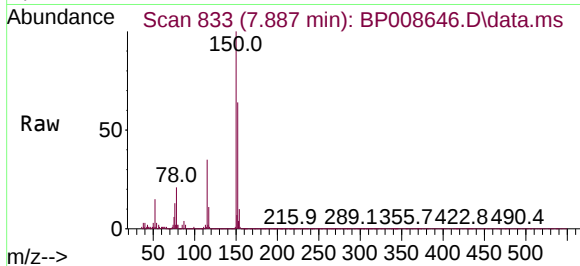




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.887 min Scan# 811
Delta R.T. -0.012 min
Lab File: BP008646.D
Acq: 03 Jan 2022 19:56

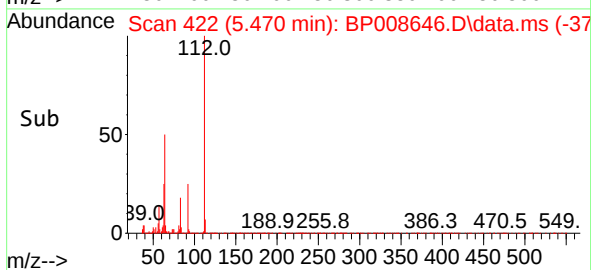
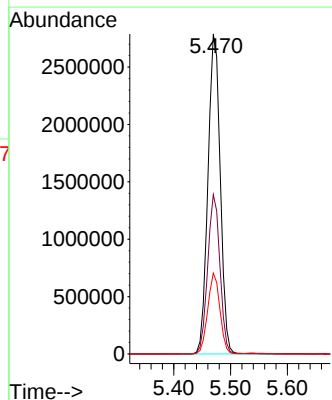
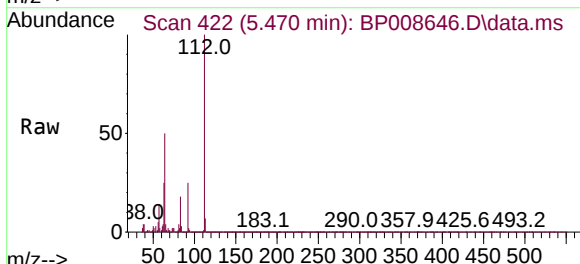
Instrument :
BNA_P
ClientSampleId :
P2-D

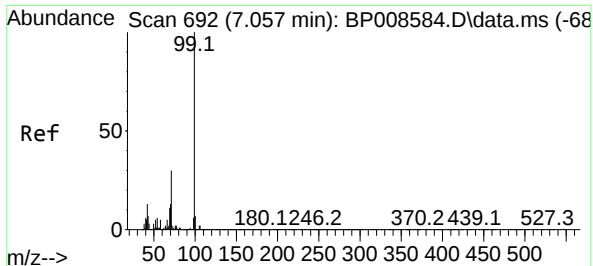
Tgt Ion:152 Resp: 582776
Ion Ratio Lower Upper
152 100
150 156.4 127.0 190.6
115 54.1 43.7 65.5



#5
2-Fluorophenol
Concen: 131.001 ng
RT: 5.470 min Scan# 422
Delta R.T. 0.000 min
Lab File: BP008646.D
Acq: 03 Jan 2022 19:56

Tgt Ion:112 Resp: 4182647
Ion Ratio Lower Upper
112 100
64 49.8 39.7 59.5
63 25.3 20.0 30.0



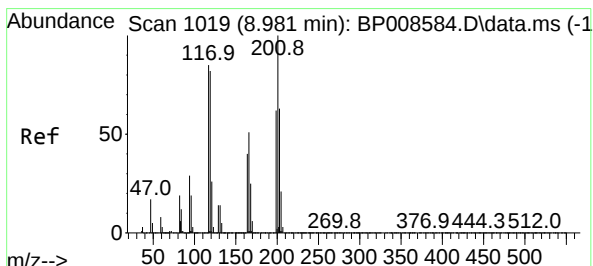
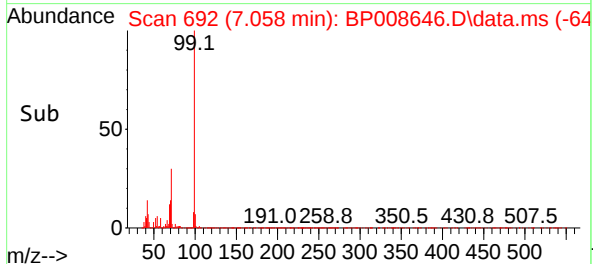
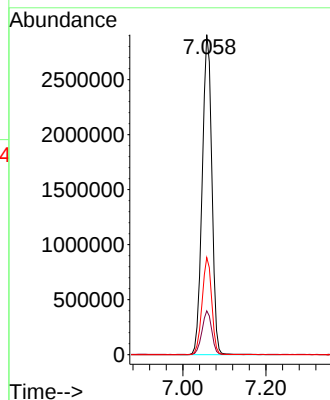
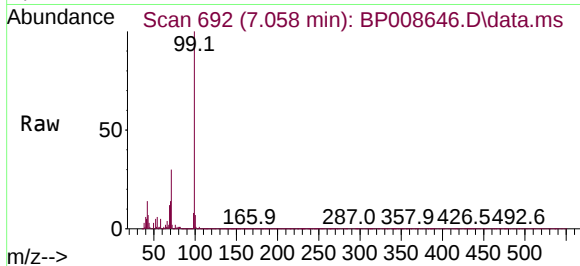


#7
Phenol-d6
Concen: 105.435 ng
RT: 7.058 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP008646.D
Acq: 03 Jan 2022 19:56

Instrument :
BNA_P
ClientSampleId :
P2-D

Tgt Ion: 99 Resp: 4685649

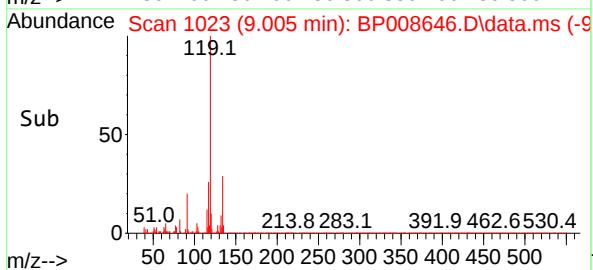
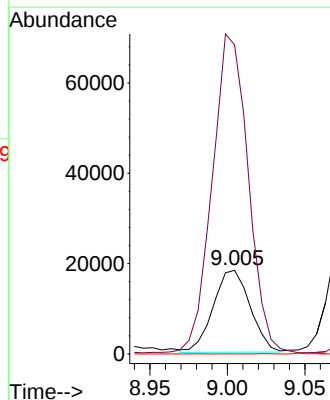
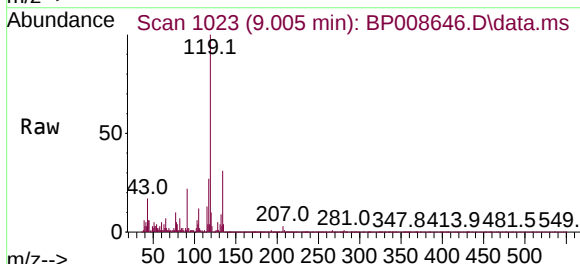
Ion	Ratio	Lower	Upper
99	100		
42	13.7	10.8	16.2
71	30.4	23.8	35.6

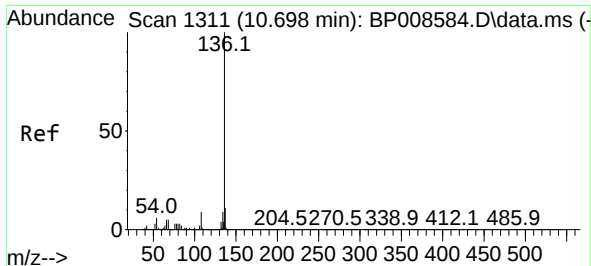


#18
Hexachloroethane
Concen: 2.057 ng
RT: 9.005 min Scan# 1023
Delta R.T. 0.024 min
Lab File: BP008646.D
Acq: 03 Jan 2022 19:56

Tgt Ion: 117 Resp: 30025

Ion	Ratio	Lower	Upper
117	100		
119	369.5	76.9	115.3#
201	0.2	93.7	140.5#



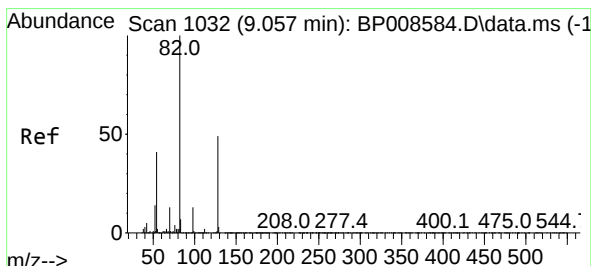
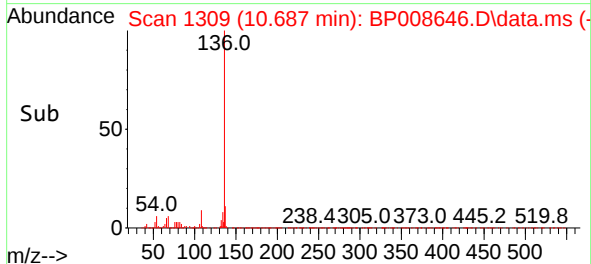
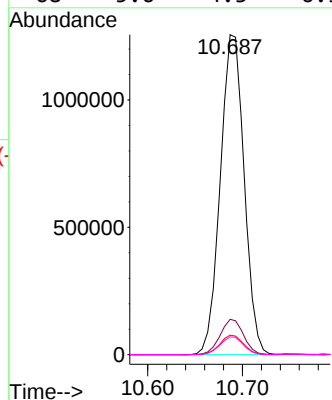
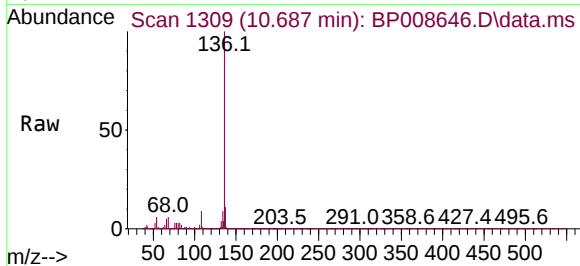


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.687 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP008646.D
Acq: 03 Jan 2022 19:56

Instrument :
BNA_P
ClientSampleId :
P2-D

Tgt Ion:136 Resp: 2199481

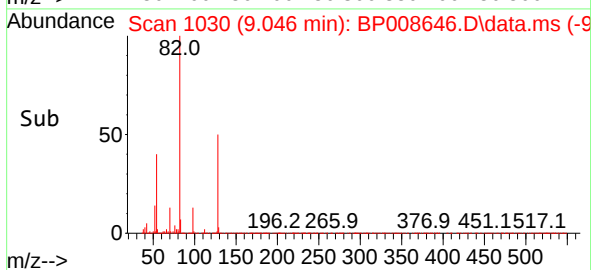
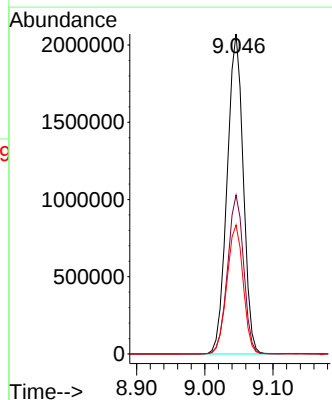
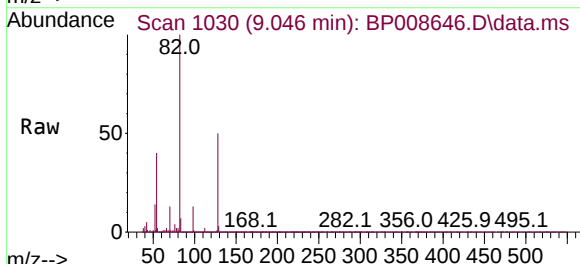
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	6.1	4.9	7.3
68	5.6	4.3	6.5

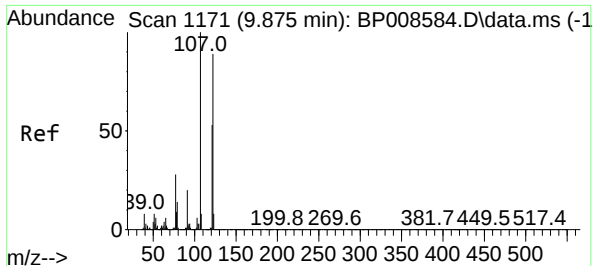


#23
Nitrobenzene-d5
Concen: 92.243 ng
RT: 9.046 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BP008646.D
Acq: 03 Jan 2022 19:56

Tgt Ion: 82 Resp: 3410496

Ion	Ratio	Lower	Upper
82	100		
128	49.7	39.4	59.2
54	40.3	32.6	48.8





#27

2,4-Dimethylphenol

Concen: 4.710 ng

RT: 9.952 min Scan# 1184

Delta R.T. 0.077 min

Lab File: BP008646.D

Acq: 03 Jan 2022 19:56

Instrument :

BNA_P

ClientSampleId :

P2-D

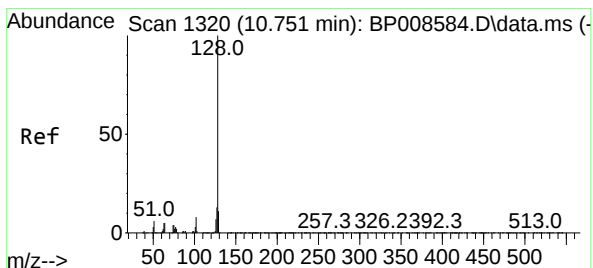
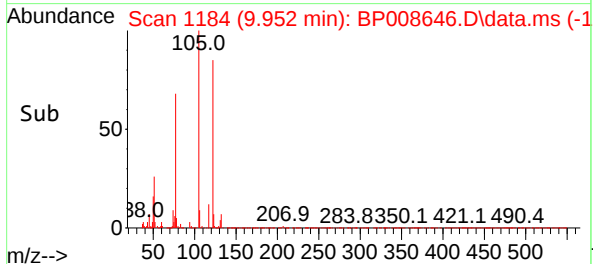
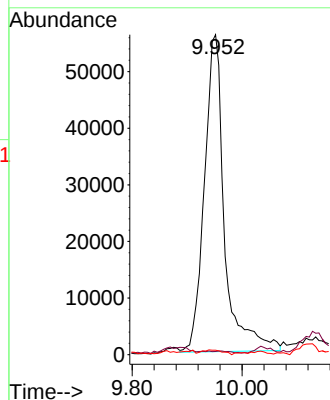
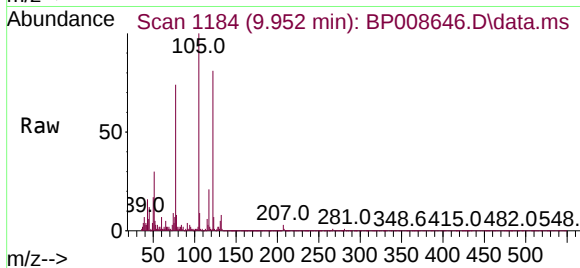
Tgt Ion:122 Resp: 142129

Ion Ratio Lower Upper

122 100

107 1.0 89.6 134.4#

121 1.4 47.8 71.8#



#31

Naphthalene

Concen: 37.515 ng

RT: 10.740 min Scan# 1318

Delta R.T. -0.012 min

Lab File: BP008646.D

Acq: 03 Jan 2022 19:56

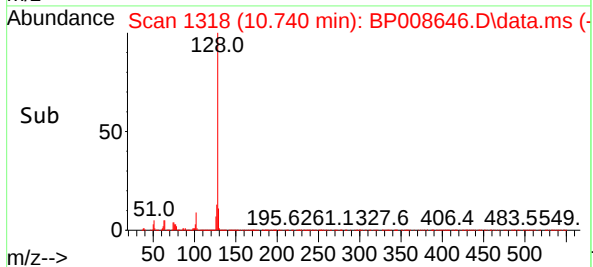
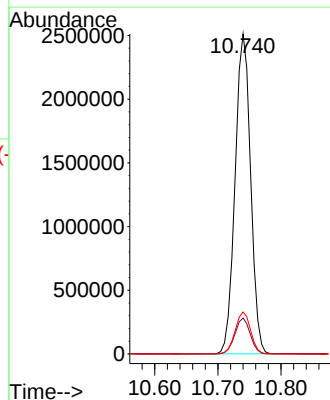
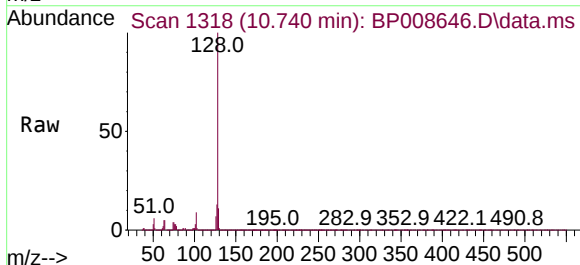
Tgt Ion:128 Resp: 4282817

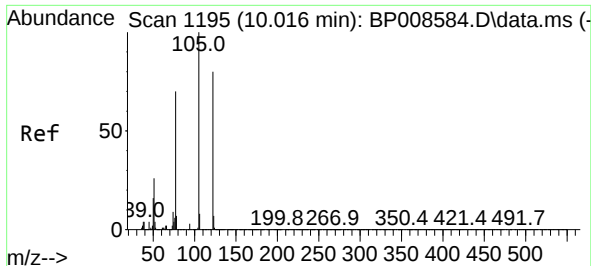
Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

127 13.1 10.4 15.6

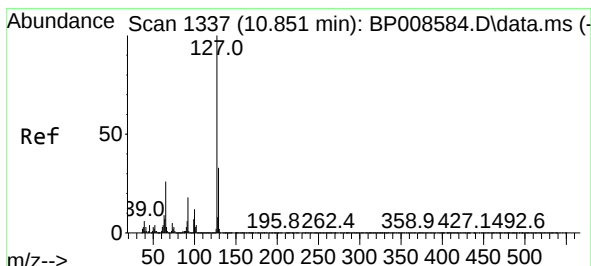
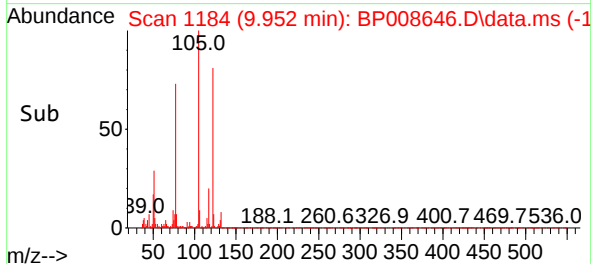
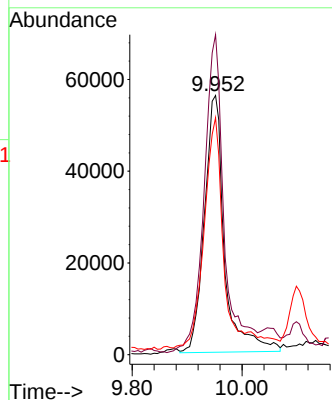
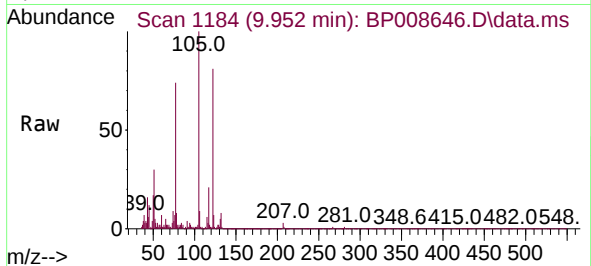




#32
Benzoic acid
Concen: 7.456 ng
RT: 9.952 min Scan# 1184
Delta R.T. -0.065 min
Lab File: BP008646.D
Acq: 03 Jan 2022 19:56

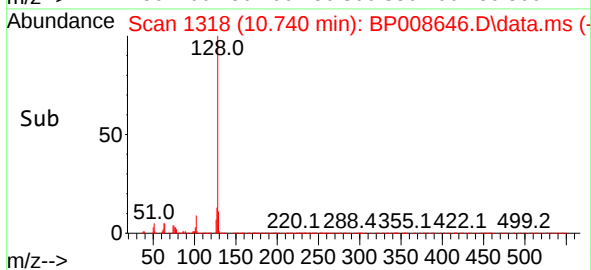
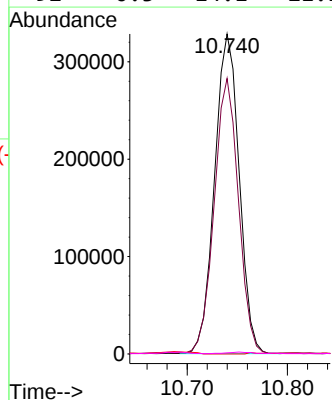
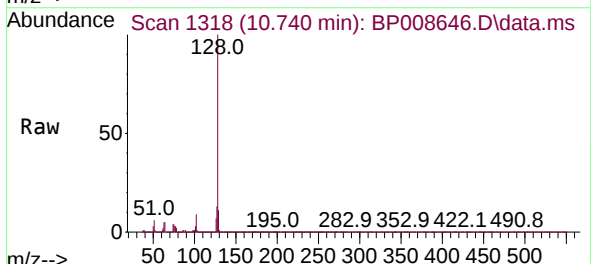
Instrument :
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ClientSampleId :
P2-D

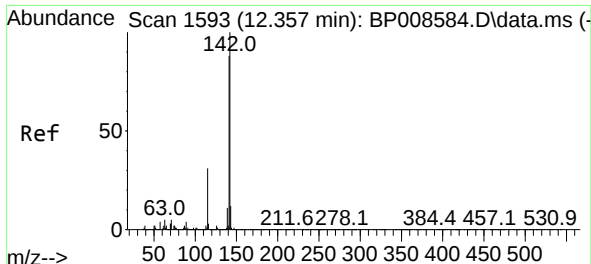
Tgt Ion:122 Resp: 142129
Ion Ratio Lower Upper
122 100
105 123.4 100.1 140.1
77 91.4 65.5 105.5



#33
4-Chloroaniline
Concen: 11.401 ng
RT: 10.740 min Scan# 1318
Delta R.T. -0.112 min
Lab File: BP008646.D
Acq: 03 Jan 2022 19:56

Tgt Ion:127 Resp: 558117
Ion Ratio Lower Upper
127 100
129 86.1 26.0 39.0#
65 0.0 20.5 30.7#
92 0.3 14.1 21.1#

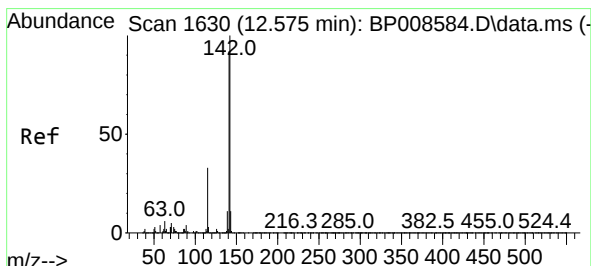
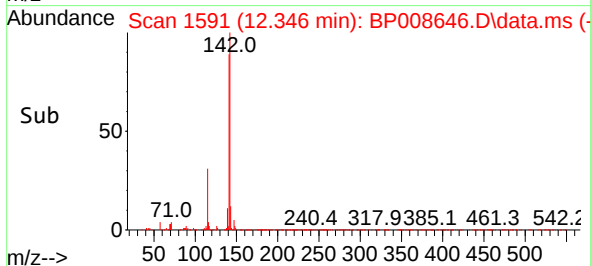
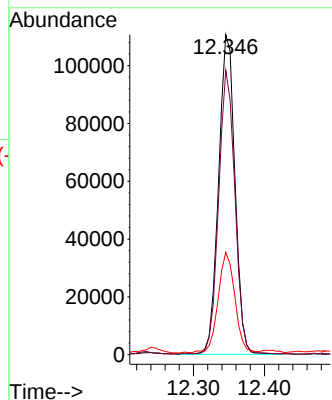
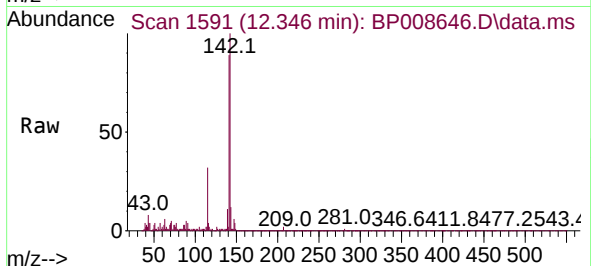




#37
2-Methylnaphthalene
Concen: 2.057 ng
RT: 12.346 min Scan# 1591
Delta R.T. -0.012 min
Lab File: BP008646.D
Acq: 03 Jan 2022 19:56

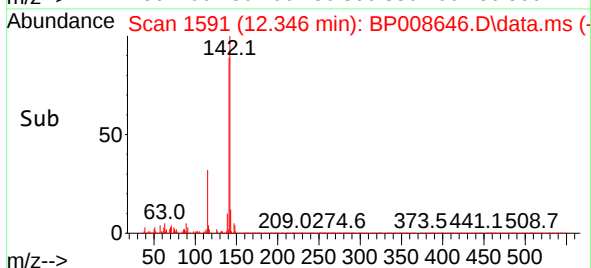
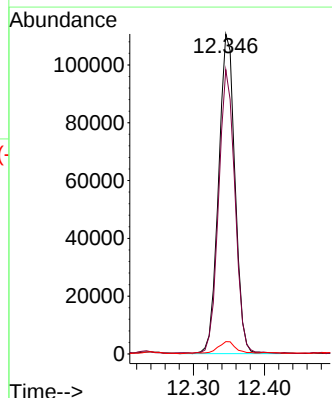
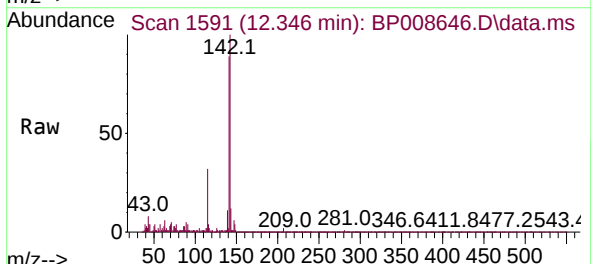
Instrument :
BNA_P
ClientSampleId :
P2-D

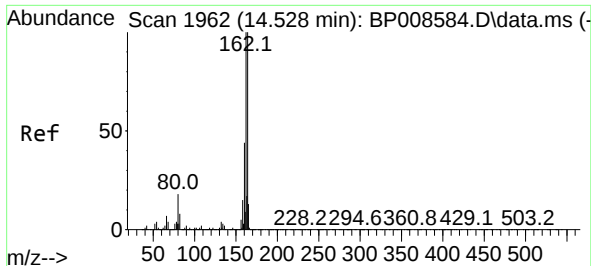
Tgt Ion:142 Resp: 176767
Ion Ratio Lower Upper
142 100
141 88.9 70.5 105.7
115 32.0 24.6 36.8



#38
1-Methylnaphthalene
Concen: 2.104 ng
RT: 12.346 min Scan# 1591
Delta R.T. -0.229 min
Lab File: BP008646.D
Acq: 03 Jan 2022 19:56

Tgt Ion:142 Resp: 176767
Ion Ratio Lower Upper
142 100
141 88.9 73.2 109.8
116 3.9 2.7 4.1

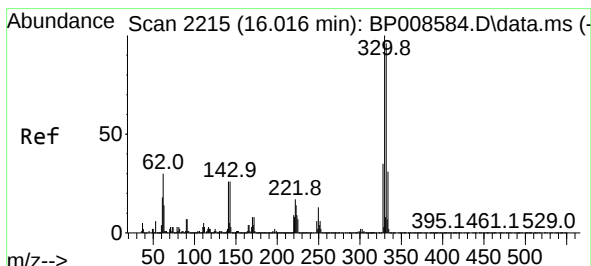
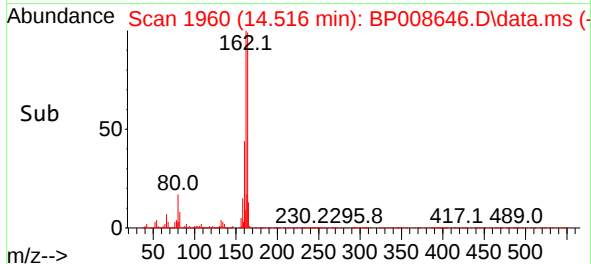
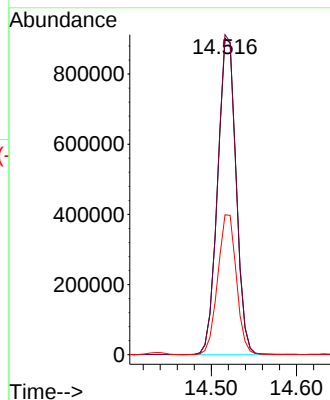
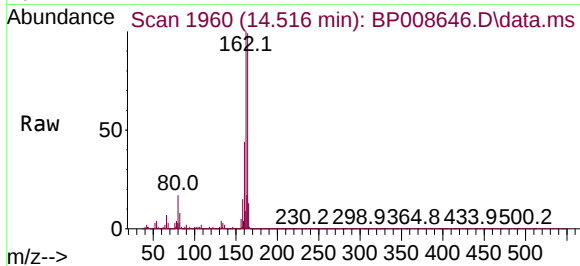




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.516 min Scan# 1960
Delta R.T. -0.012 min
Lab File: BP008646.D
Acq: 03 Jan 2022 19:56

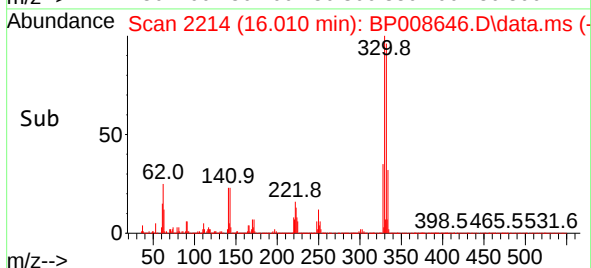
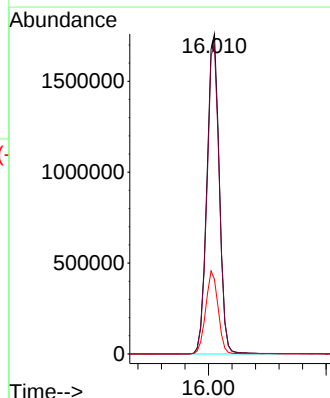
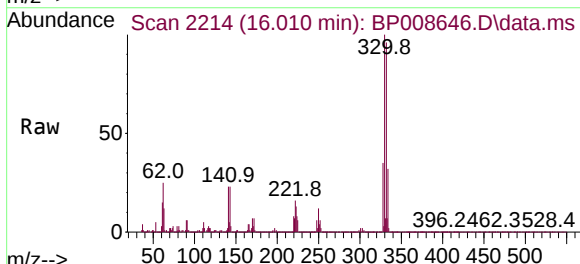
Instrument :
BNA_P
ClientSampleId :
P2-D

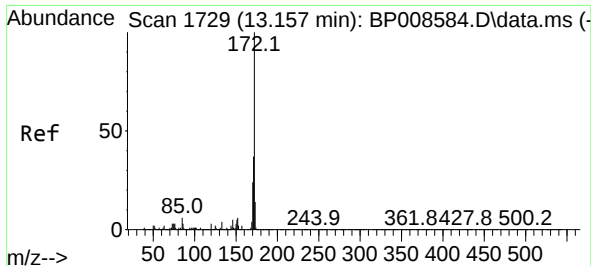
Tgt Ion:164 Resp: 1359696
Ion Ratio Lower Upper
164 100
162 101.1 79.9 119.9
160 44.2 35.5 53.3



#42
2,4,6-Tribromophenol
Concen: 139.128 ng
RT: 16.010 min Scan# 2214
Delta R.T. -0.006 min
Lab File: BP008646.D
Acq: 03 Jan 2022 19:56

Tgt Ion:330 Resp: 2559427
Ion Ratio Lower Upper
330 100
332 97.0 77.0 115.4
141 26.0 21.3 31.9

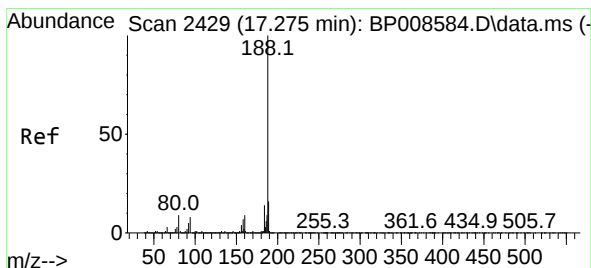
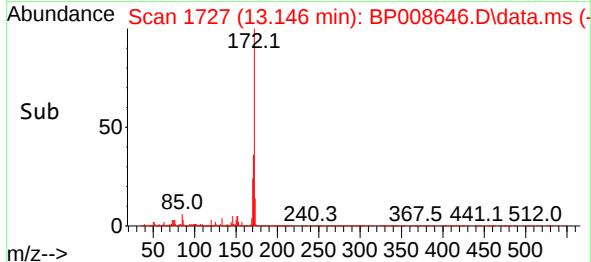
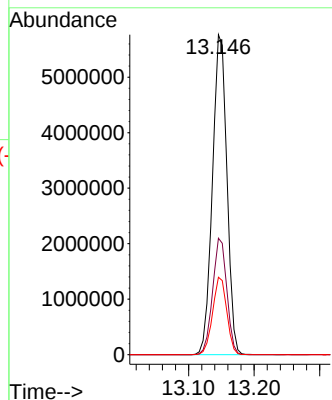
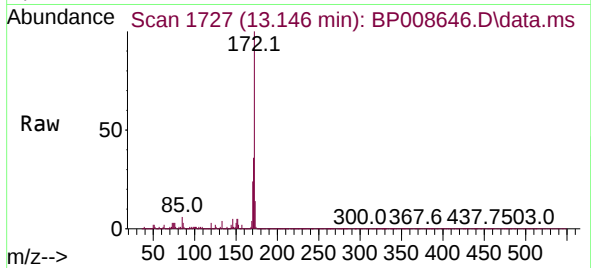




#45
2-Fluorobiphenyl
Concen: 94.116 ng
RT: 13.146 min Scan# 11
Delta R.T. -0.011 min
Lab File: BP008646.D
Acq: 03 Jan 2022 19:56

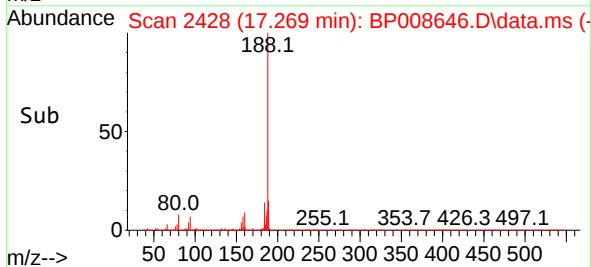
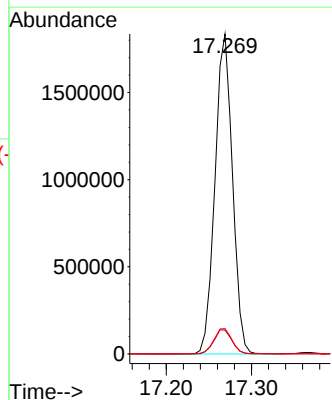
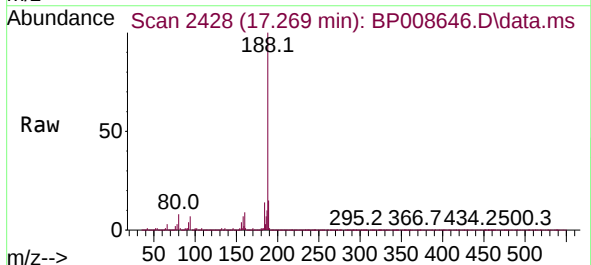
Instrument :
BNA_P
ClientSampleId :
P2-D

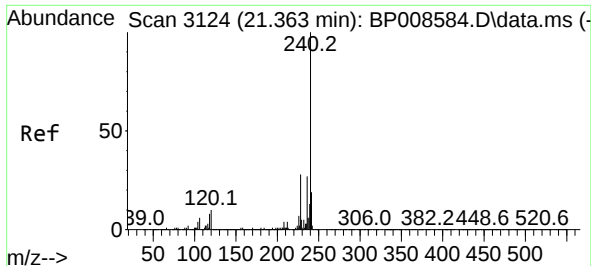
Tgt Ion:172 Resp: 8832700
Ion Ratio Lower Upper
172 100
171 36.4 29.3 43.9
170 24.2 19.5 29.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.269 min Scan# 2428
Delta R.T. -0.006 min
Lab File: BP008646.D
Acq: 03 Jan 2022 19:56

Tgt Ion:188 Resp: 2621791
Ion Ratio Lower Upper
188 100
94 7.5 6.8 10.2
80 7.9 7.2 10.8

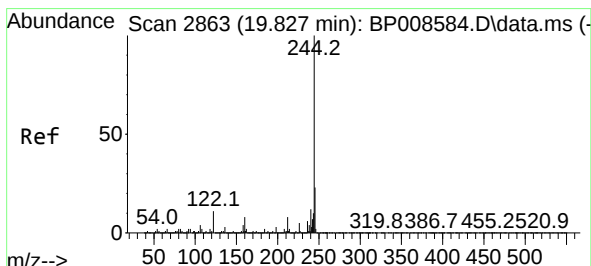
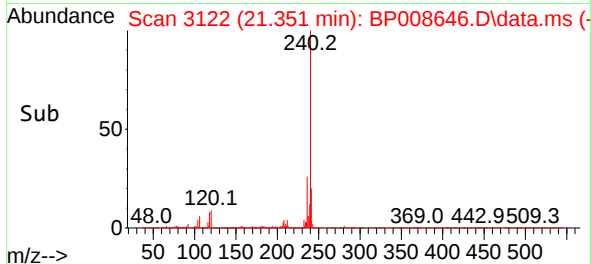
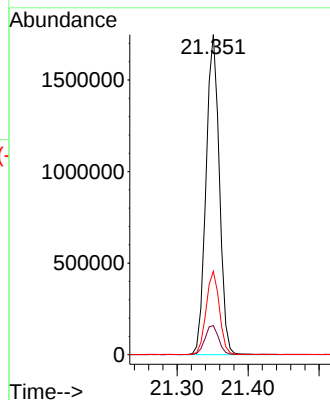
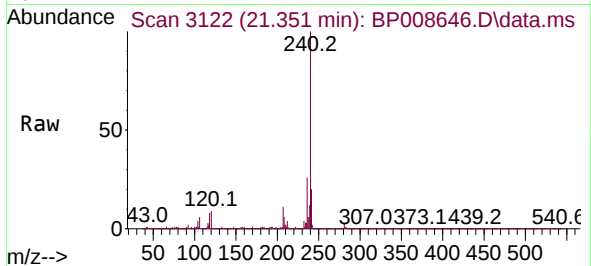




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.351 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP008646.D
Acq: 03 Jan 2022 19:56

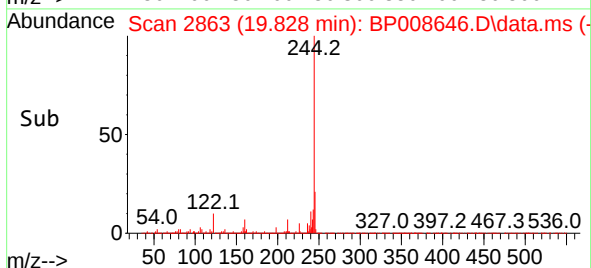
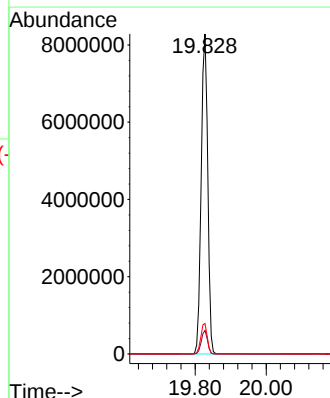
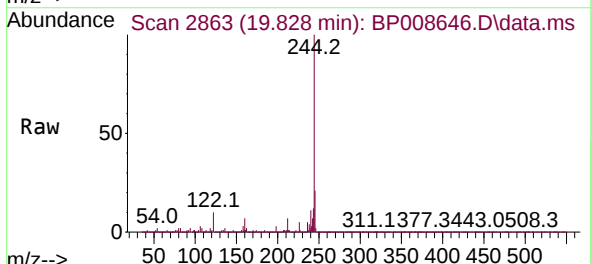
Instrument :
BNA_P
ClientSampleId :
P2-D

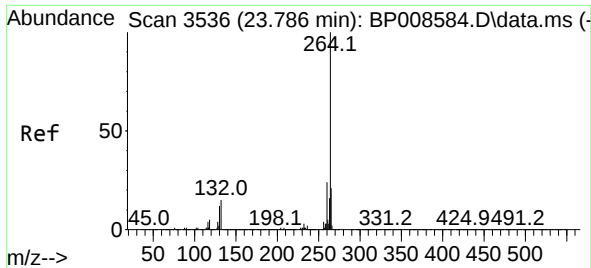
Tgt Ion:240 Resp: 2277793
Ion Ratio Lower Upper
240 100
120 9.1 7.7 11.5
236 26.0 21.2 31.8



#79
Terphenyl-d14
Concen: 95.144 ng
RT: 19.828 min Scan# 2863
Delta R.T. 0.001 min
Lab File: BP008646.D
Acq: 03 Jan 2022 19:56

Tgt Ion:244 Resp:10614152
Ion Ratio Lower Upper
244 100
212 7.3 6.5 9.7
122 9.5 9.2 13.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.774 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP008646.D
Acq: 03 Jan 2022 19:56

Instrument :
BNA_P
ClientSampleId :
P2-D

Tgt Ion:264 Resp: 2442424

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.1	28.7
265	21.6	17.1	25.7

