

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010322\
 Data File : BP008652.D
 Acq On : 03 Jan 2022 23:19
 Operator : CG/JU
 Sample : M5251-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-2

Quant Time: Jan 04 06:02:31 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)

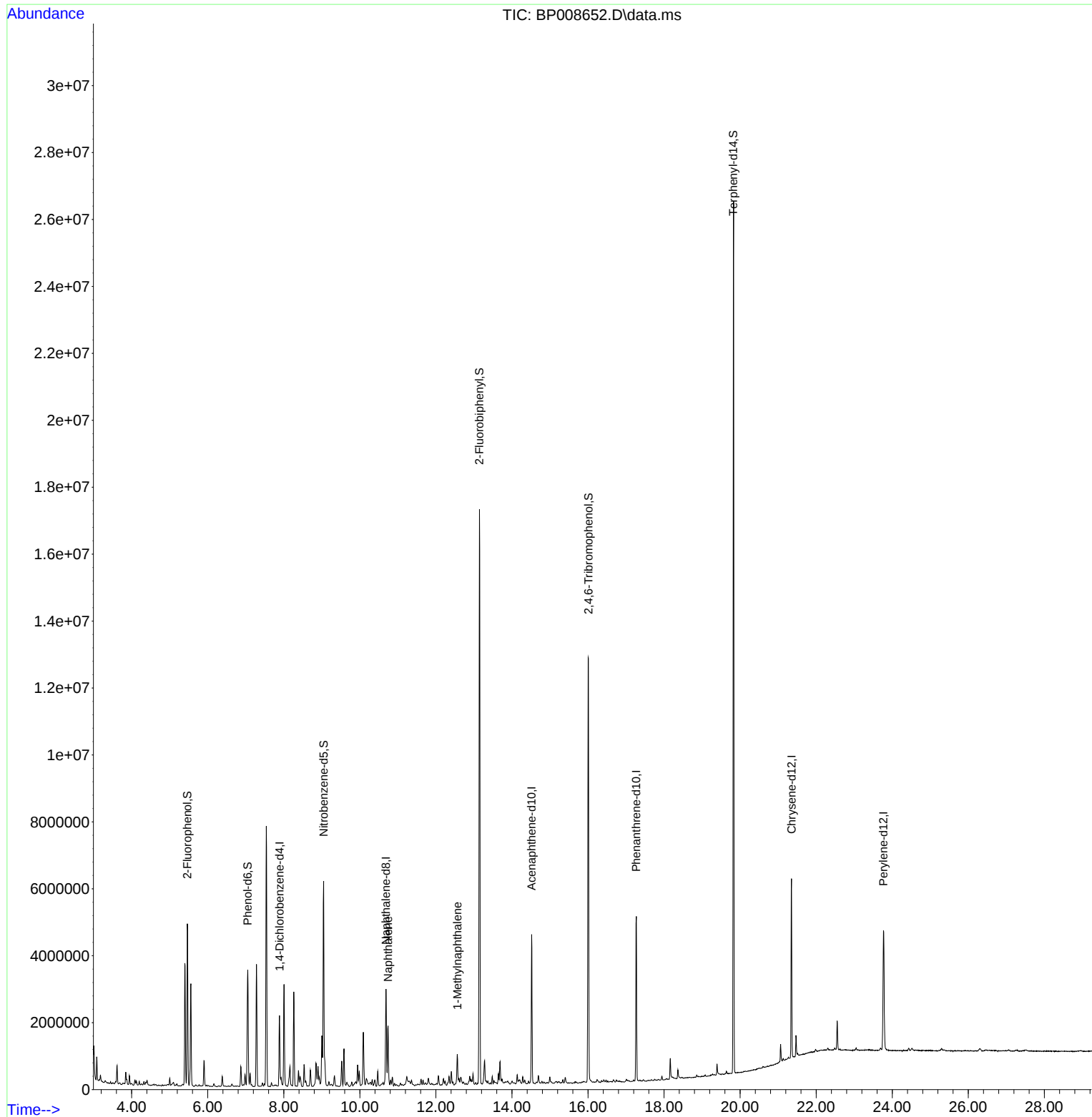
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.887	152	632228	20.000	ng	-0.01
21) Naphthalene-d8	10.687	136	2465145	20.000	ng	-0.01
39) Acenaphthene-d10	14.516	164	1593981	20.000	ng	-0.01
64) Phenanthrene-d10	17.269	188	3147290	20.000	ng	0.00
76) Chrysene-d12	21.351	240	2724094	20.000	ng	-0.01
86) Perylene-d12	23.769	264	2892796	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.464	112	2351860	67.899	ng	0.00
7) Phenol-d6	7.052	99	1877493	38.942	ng	0.00
23) Nitrobenzene-d5	9.046	82	3664141	88.423	ng	-0.01
42) 2,4,6-Tribromophenol	16.010	330	3101844	143.831	ng	0.00
45) 2-Fluorobiphenyl	13.146	172	9742588	88.553	ng	-0.01
79) Terphenyl-d14	19.822	244	12005706	89.986	ng	0.00
Target Compounds						
31) Naphthalene	10.740	128	1386016	10.832	ng	99
38) 1-Methylnaphthalene	12.563	142	256582	2.725	ng	# 98

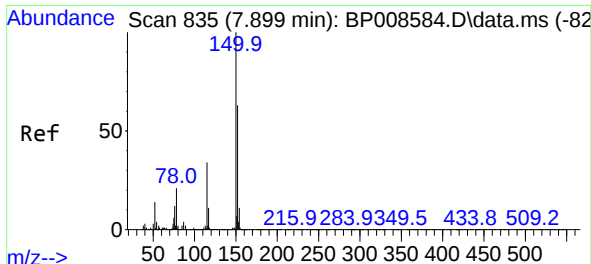
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

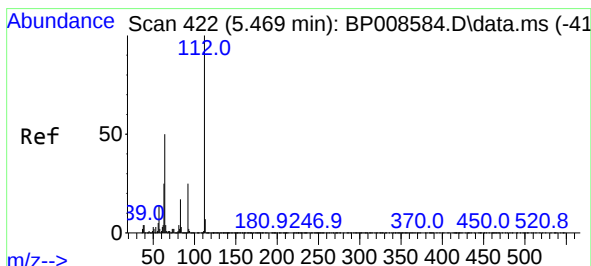
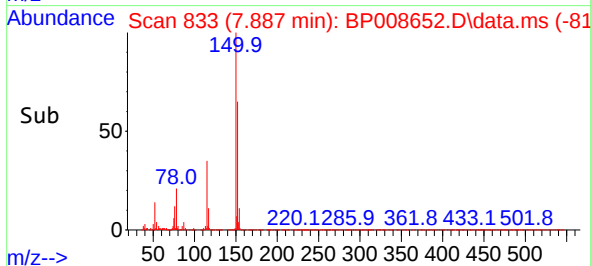
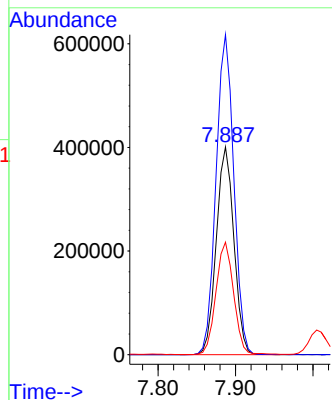
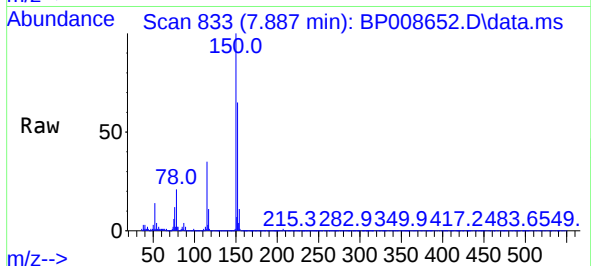




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.887 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP008652.D
Acq: 03 Jan 2022 23:19

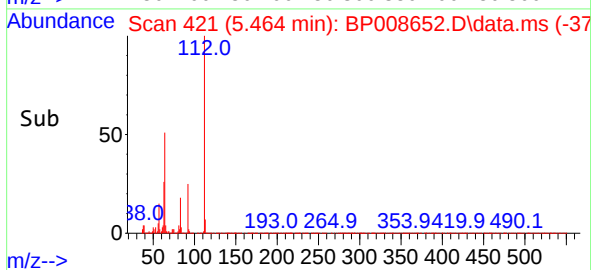
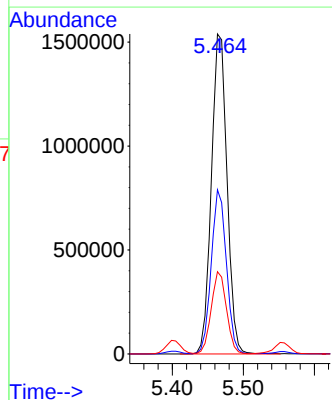
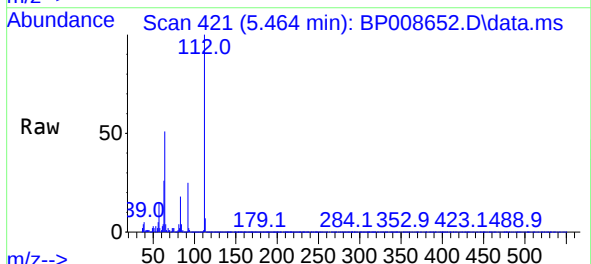
Instrument :
BNA_P
ClientSampleId :
MW-2

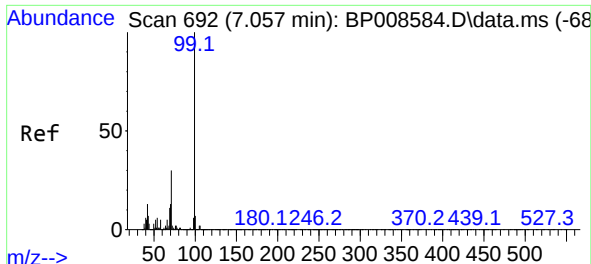
Tgt Ion:152 Resp: 632228
Ion Ratio Lower Upper
152 100
150 154.1 127.0 190.6
115 54.2 43.7 65.5



#5
2-Fluorophenol
Concen: 67.899 ng
RT: 5.464 min Scan# 421
Delta R.T. -0.006 min
Lab File: BP008652.D
Acq: 03 Jan 2022 23:19

Tgt Ion:112 Resp: 2351860
Ion Ratio Lower Upper
112 100
64 51.3 39.7 59.5
63 25.7 20.0 30.0



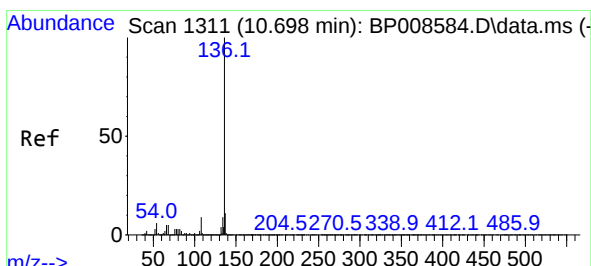
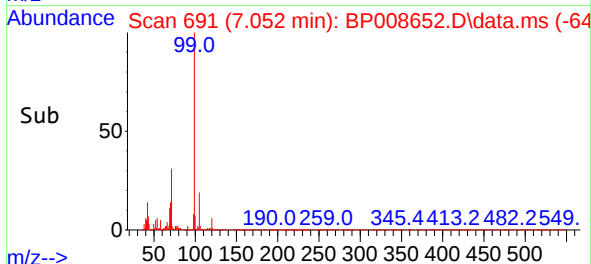
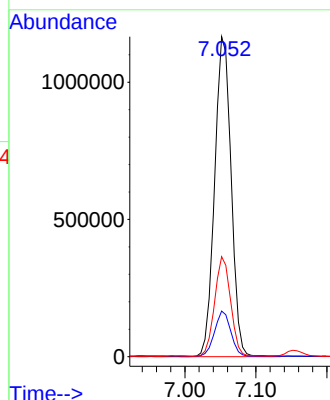
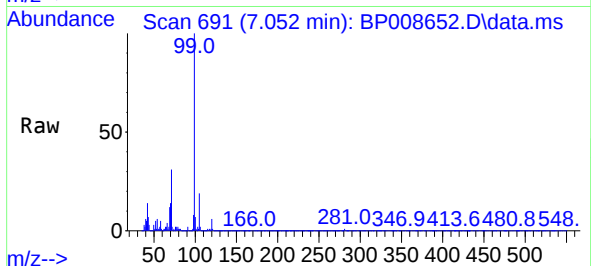


#7
Phenol-d6
Concen: 38.942 ng
RT: 7.052 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP008652.D
Acq: 03 Jan 2022 23:19

Instrument :
BNA_P
ClientSampleId :
MW-2

Tgt Ion: 99 Resp: 1877493

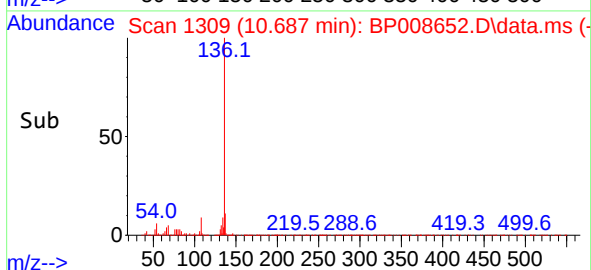
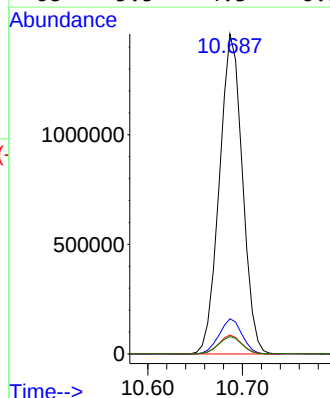
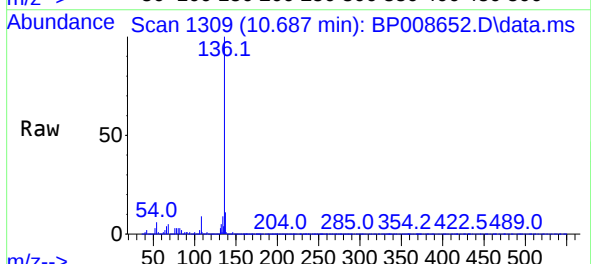
Ion	Ratio	Lower	Upper
99	100		
42	14.2	10.8	16.2
71	31.2	23.8	35.6

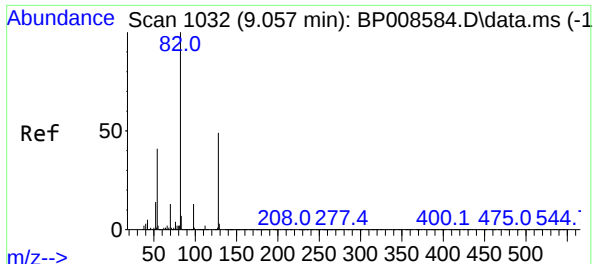


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.687 min Scan# 1309
Delta R.T. -0.012 min
Lab File: BP008652.D
Acq: 03 Jan 2022 23:19

Tgt Ion: 136 Resp: 2465145

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	5.9	4.9	7.3
68	5.5	4.3	6.5





#23

Nitrobenzene-d5

Concen: 88.423 ng

RT: 9.046 min Scan# 1030

Delta R.T. -0.012 min

Lab File: BP008652.D

Acq: 03 Jan 2022 23:19

Instrument :

BNA_P

ClientSampleId :

MW-2

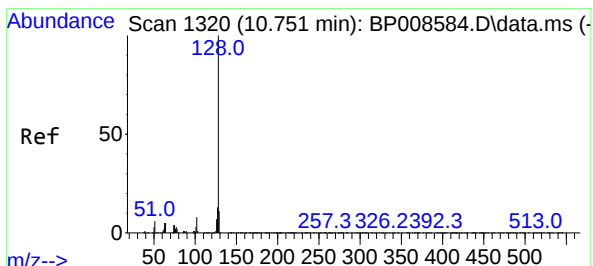
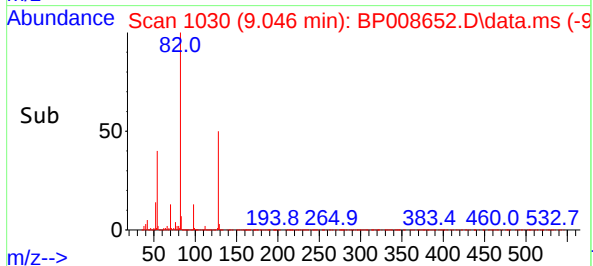
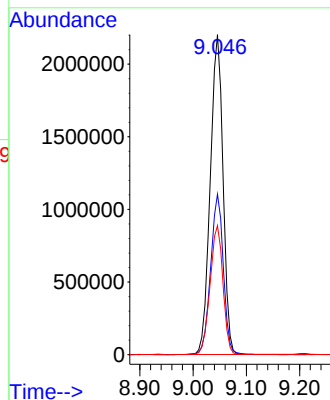
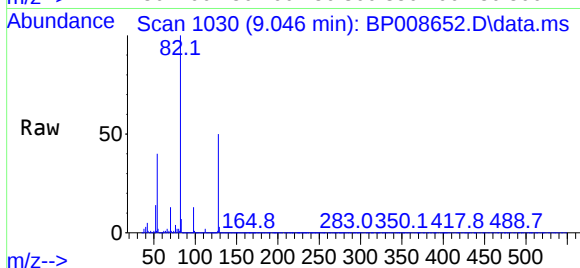
Tgt Ion: 82 Resp: 3664141

Ion Ratio Lower Upper

82 100

128 50.2 39.4 59.2

54 40.4 32.6 48.8



#31

Naphthalene

Concen: 10.832 ng

RT: 10.740 min Scan# 1318

Delta R.T. -0.012 min

Lab File: BP008652.D

Acq: 03 Jan 2022 23:19

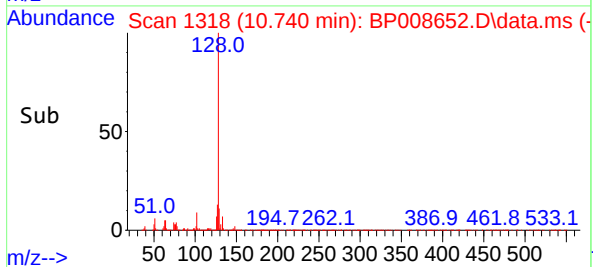
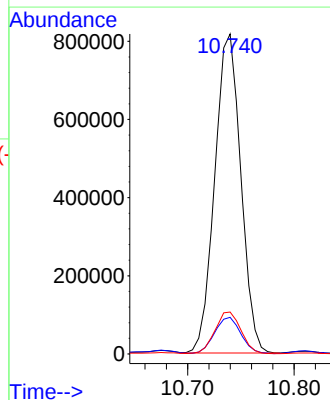
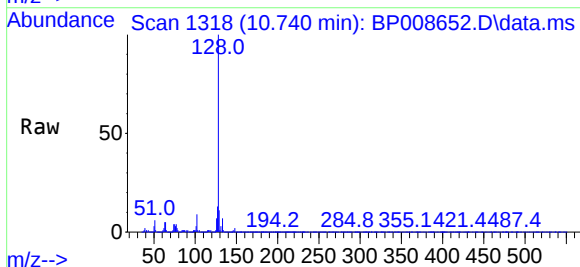
Tgt Ion: 128 Resp: 1386016

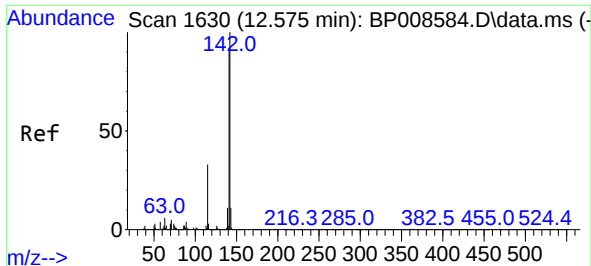
Ion Ratio Lower Upper

128 100

129 11.5 8.8 13.2

127 13.1 10.4 15.6

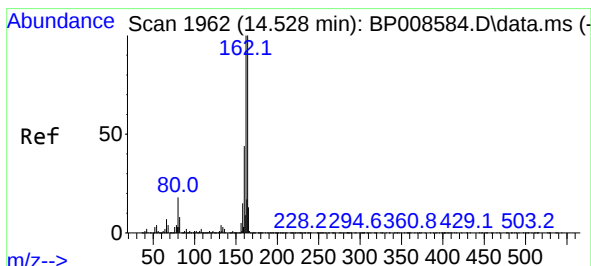
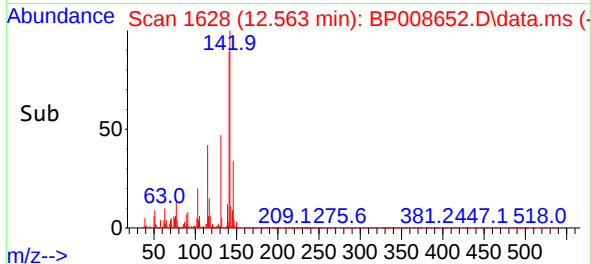
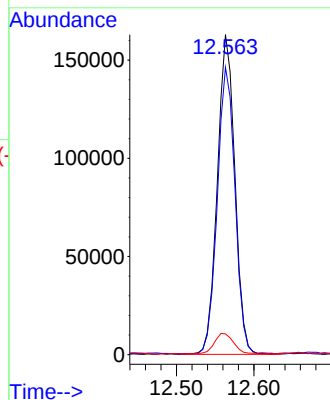
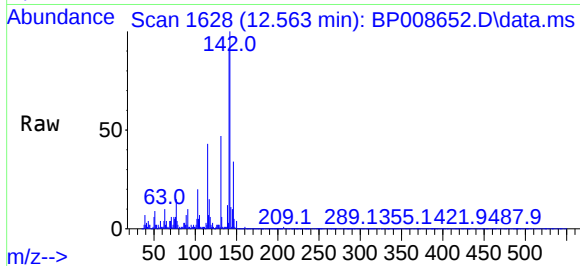




#38
1-Methylnaphthalene
Concen: 2.725 ng
RT: 12.563 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP008652.D
Acq: 03 Jan 2022 23:19

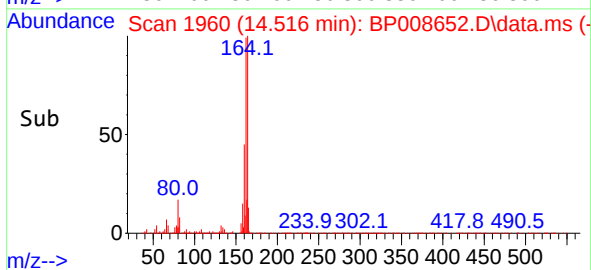
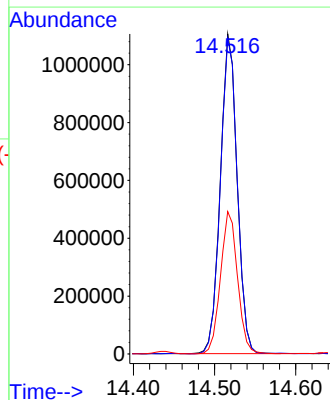
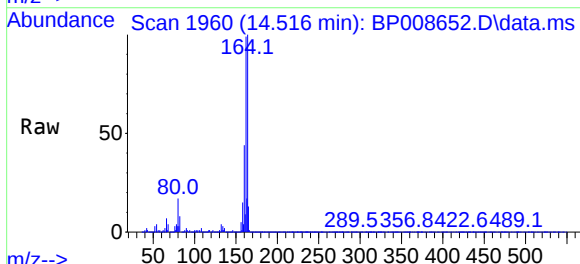
Instrument :
BNA_P
ClientSampleId :
MW-2

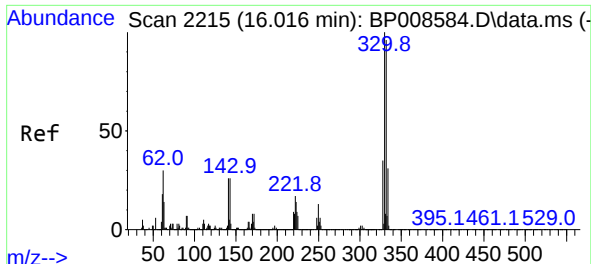
Tgt Ion:142 Resp: 256582
Ion Ratio Lower Upper
142 100
141 89.8 73.2 109.8
116 6.5 2.7 4.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.516 min Scan# 1960
Delta R.T. -0.012 min
Lab File: BP008652.D
Acq: 03 Jan 2022 23:19

Tgt Ion:164 Resp: 1593981
Ion Ratio Lower Upper
164 100
162 98.6 79.9 119.9
160 44.5 35.5 53.3

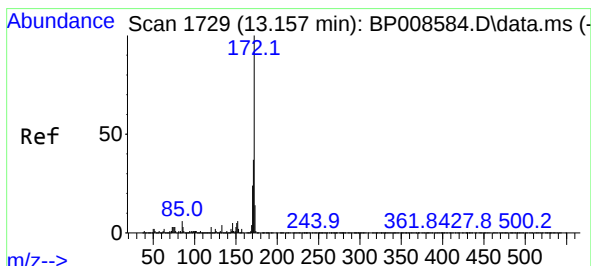
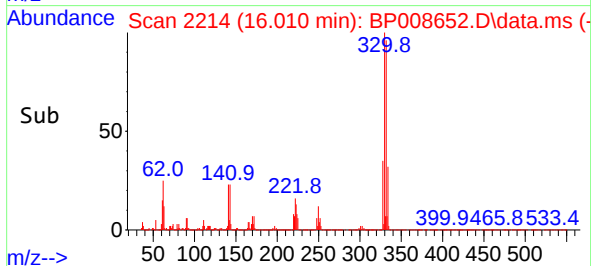
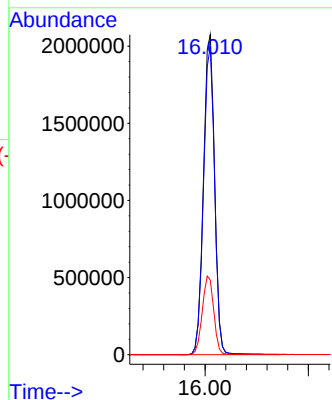
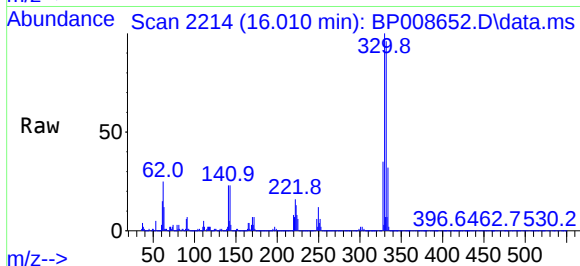




#42
2,4,6-Tribromophenol
Concen: 143.831 ng
RT: 16.010 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP008652.D
Acq: 03 Jan 2022 23:19

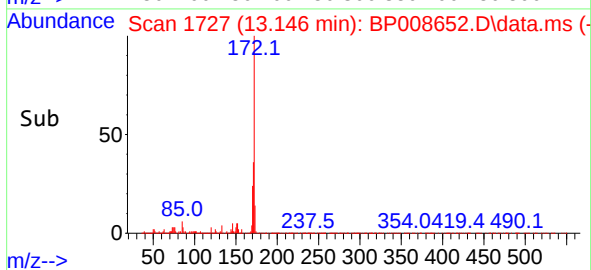
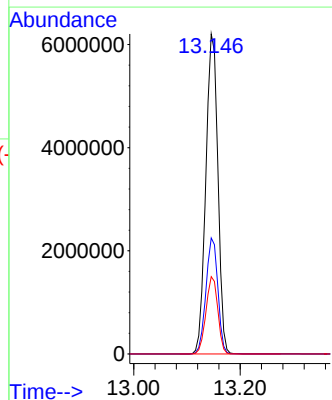
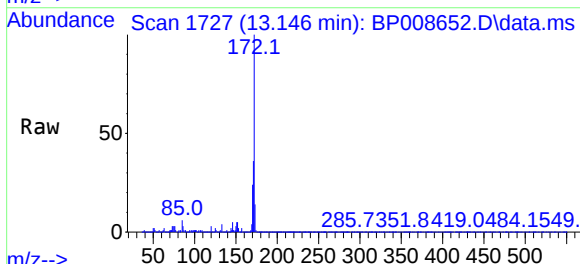
Instrument :
BNA_P
ClientSampleId :
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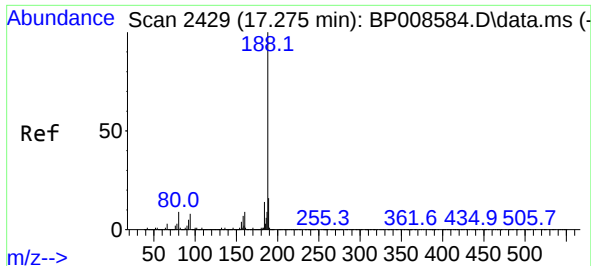
Tgt Ion:330 Resp: 3101844
Ion Ratio Lower Upper
330 100
332 96.0 77.0 115.4
141 25.2 21.3 31.9



#45
2-Fluorobiphenyl
Concen: 88.553 ng
RT: 13.146 min Scan# 1727
Delta R.T. -0.011 min
Lab File: BP008652.D
Acq: 03 Jan 2022 23:19

Tgt Ion:172 Resp: 9742588
Ion Ratio Lower Upper
172 100
171 36.2 29.3 43.9
170 24.2 19.5 29.3

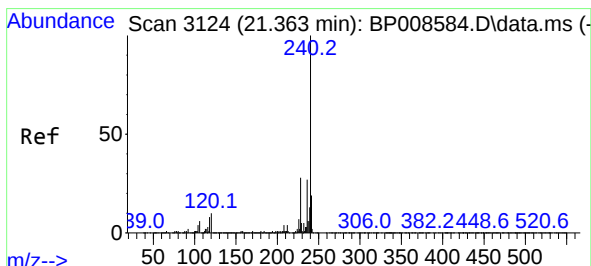
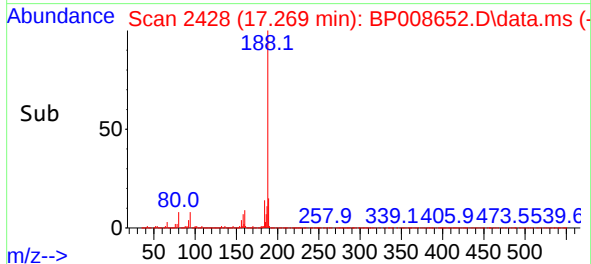
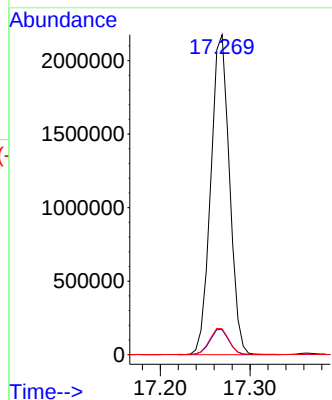
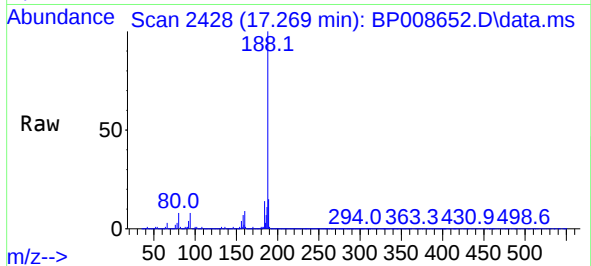




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.269 min Scan# 2429
Delta R.T. -0.006 min
Lab File: BP008652.D
Acq: 03 Jan 2022 23:19

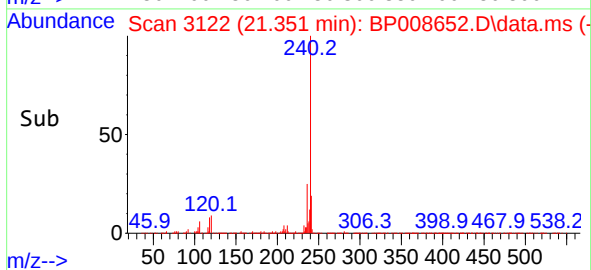
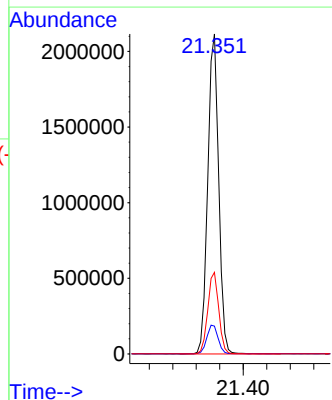
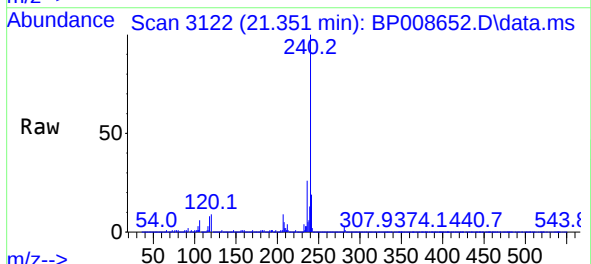
Instrument :
BNA_P
ClientSampleId :
MW-2

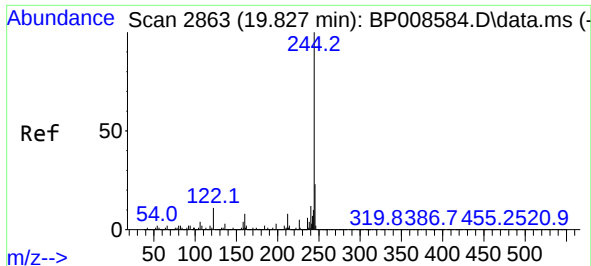
Tgt Ion:188 Resp: 3147290
Ion Ratio Lower Upper
188 100
94 7.8 6.8 10.2
80 8.1 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.351 min Scan# 3122
Delta R.T. -0.012 min
Lab File: BP008652.D
Acq: 03 Jan 2022 23:19

Tgt Ion:240 Resp: 2724094
Ion Ratio Lower Upper
240 100
120 8.7 7.7 11.5
236 25.5 21.2 31.8



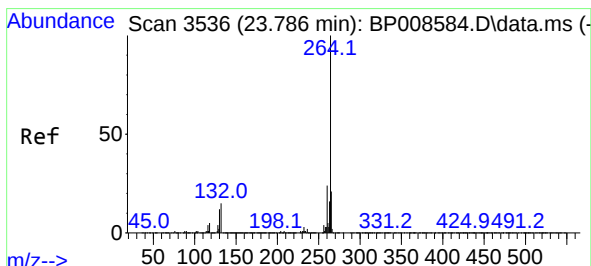
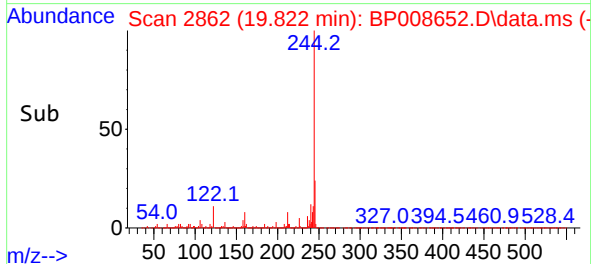
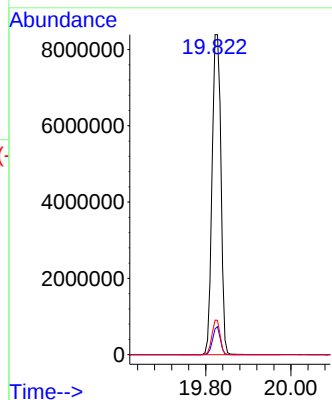
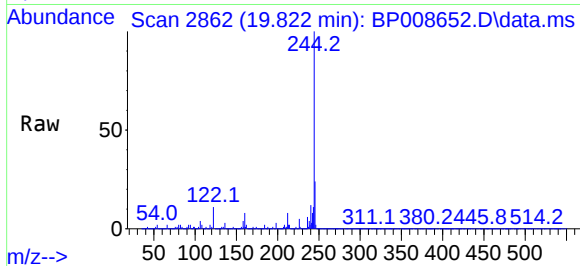


#79
 Terphenyl-d14
 Concen: 89.986 ng
 RT: 19.822 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BP008652.D
 Acq: 03 Jan 2022 23:19

Instrument :
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 ClientSampleId :
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Tgt Ion:244 Resp:12005706

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.5	9.7
122	10.8	9.2	13.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.769 min Scan# 3533
 Delta R.T. -0.017 min
 Lab File: BP008652.D
 Acq: 03 Jan 2022 23:19

Tgt Ion:264 Resp: 2892796

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.1	28.7
265	22.2	17.1	25.7

