

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060222\
 Data File : BP010668.D
 Acq On : 02 Jun 2022 13:24
 Operator : CG/JU
 Sample : N3087-08DL3 50X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-14DL2

Quant Time: Jun 02 15:20:53 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 28 02:18:04 2022
 Response via : Initial Calibration

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

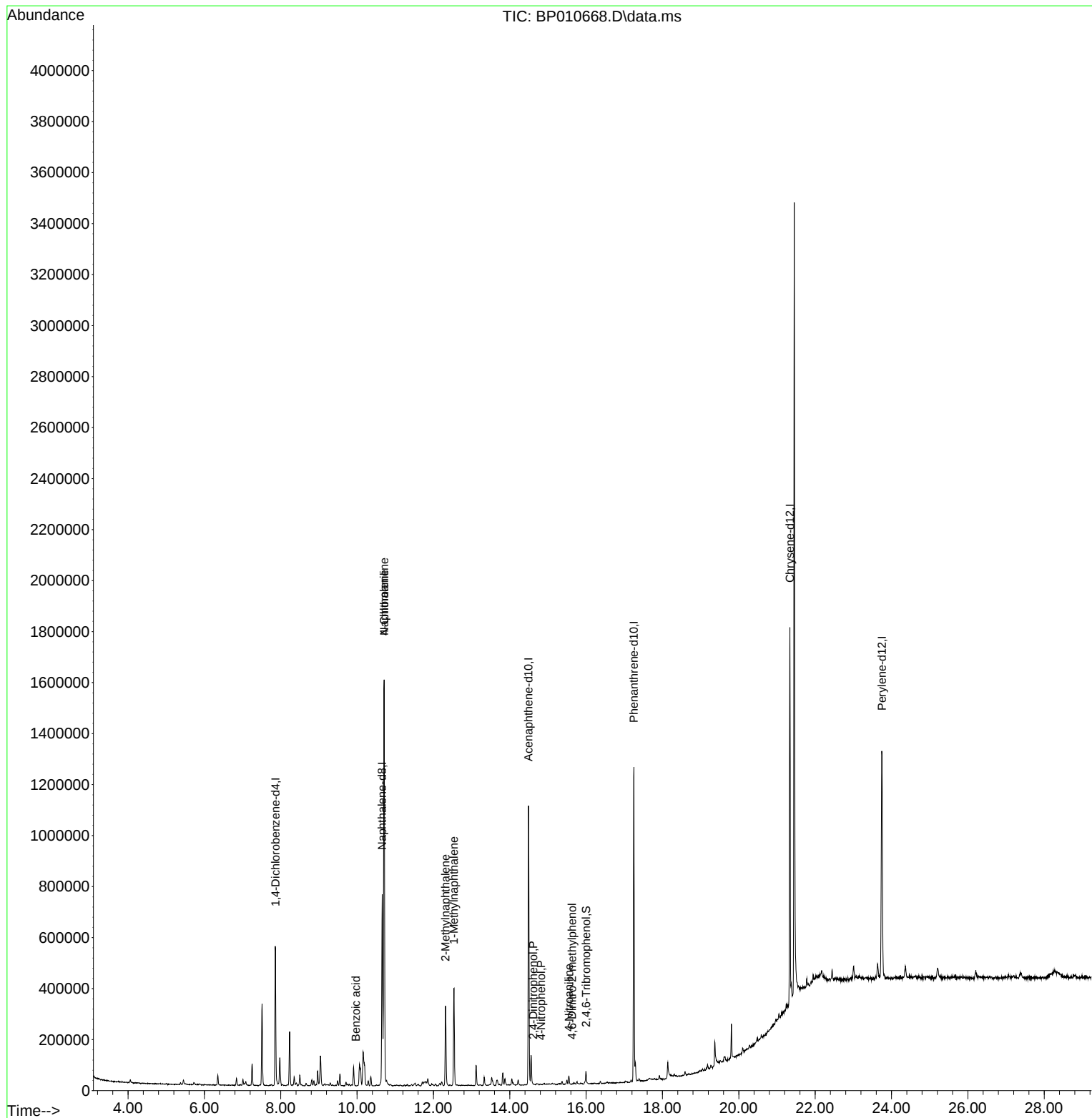
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	145067	20.000	ng	0.00
21) Naphthalene-d8	10.657	136	591750	20.000	ng	-0.01
39) Acenaphthene-d10	14.492	164	374452	20.000	ng	-0.01
64) Phenanthrene-d10	17.251	188	767291	20.000	ng	0.00
76) Chrysene-d12	21.339	240	726917	20.000	ng	0.00
86) Perylene-d12	23.751	264	726603	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.452	112	8014	1.008	ng	0.00
7) Phenol-d6	7.052	99	5063	0.448	ng	0.01
23) Nitrobenzene-d5	9.028	82	18133	1.449	ng	0.00
42) 2,4,6-Tribromophenol	15.998	330	9763	2.303	ng	0.00
45) 2-Fluorobiphenyl	13.122	172	39937	1.514	ng	0.00
79) Terphenyl-d14	19.804	244	65753	1.699	ng	-0.01
Target Compounds						
						Qvalue
31) Naphthalene	10.710	128	1267465	40.658	ng	100
32) Benzoic acid	9.969	122	68	7.334	ng	# 1
33) 4-Chloroaniline	10.710	127	167162	13.881	ng	# 32
37) 2-Methylnaphthalene	12.316	142	149959	6.894	ng	100
38) 1-Methylnaphthalene	12.534	142	181647	8.551	ng	100
54) 2,4-Dinitrophenol	14.616	184	16	6.650	ng	# 1
56) 4-Nitrophenol	14.822	139	51	3.607	ng	93
62) 4-Nitroaniline	15.551	138	336	2.187	ng	# 22
65) 4,6-Dinitro-2-methylph...	15.634	198	32	4.609	ng	# 1

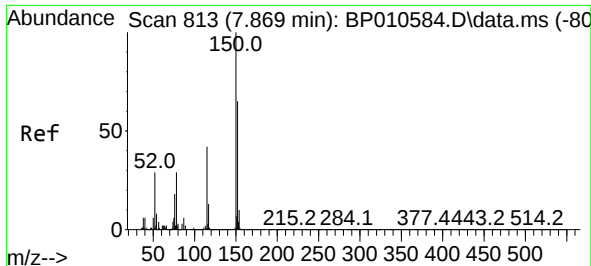
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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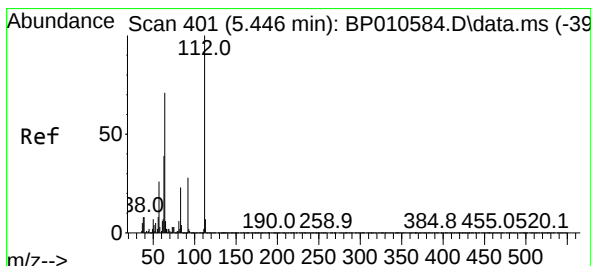
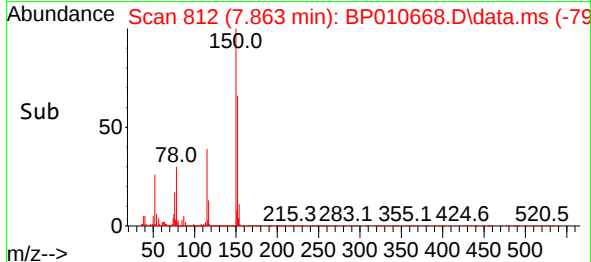
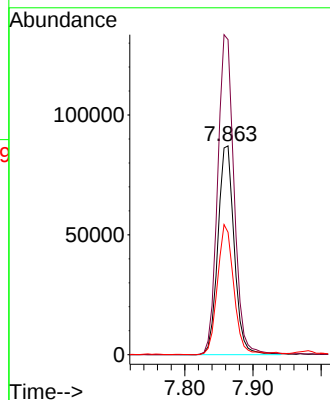
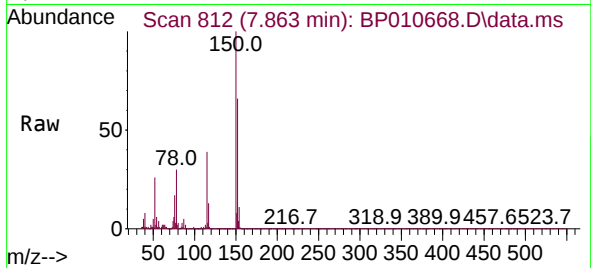




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 813
Delta R.T. -0.006 min
Lab File: BP010668.D
Acq: 02 Jun 2022 13:24

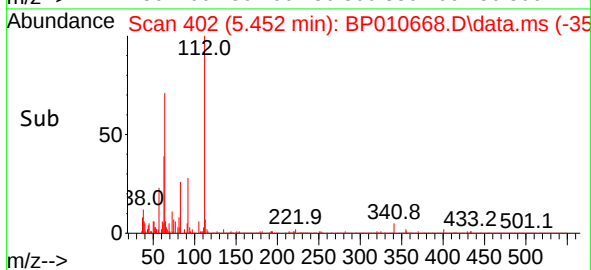
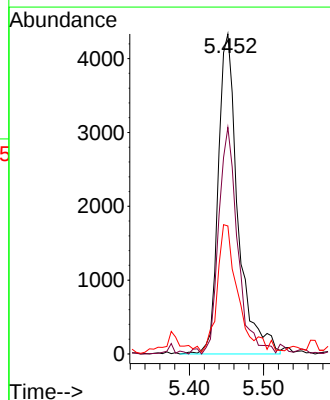
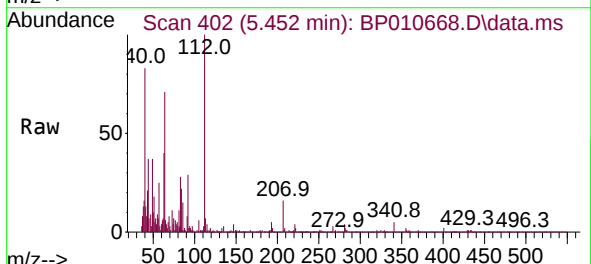
Instrument :
BNA_P
ClientSampleId :
MW-14DL2

Tgt Ion:152 Resp: 145067
Ion Ratio Lower Upper
152 100
150 150.9 123.4 185.2
115 58.6 51.3 76.9



#5
2-Fluorophenol
Concen: 1.008 ng
RT: 5.452 min Scan# 402
Delta R.T. 0.006 min
Lab File: BP010668.D
Acq: 02 Jun 2022 13:24

Tgt Ion:112 Resp: 8014
Ion Ratio Lower Upper
112 100
64 70.8 56.9 85.3
63 40.0 31.2 46.8

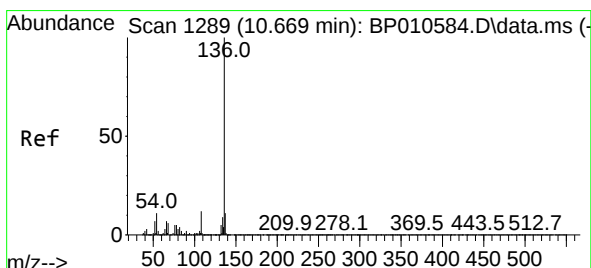
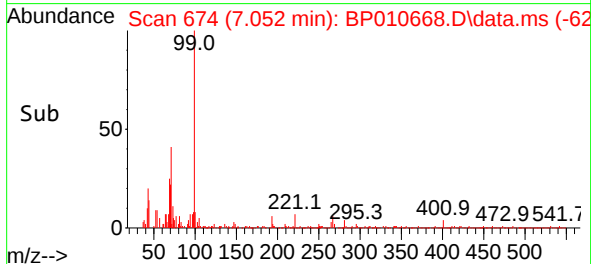
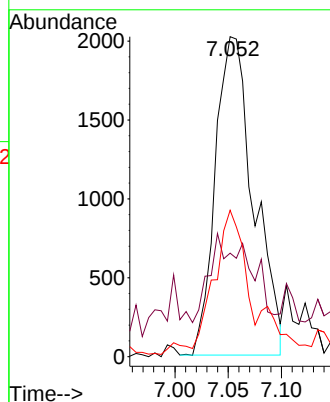
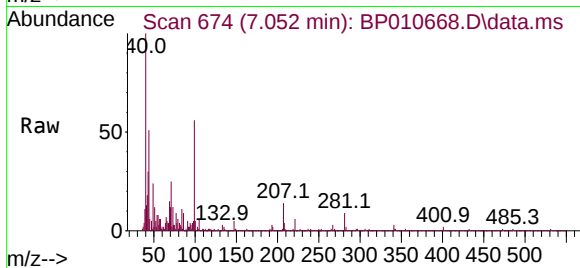




#7
Phenol-d6
Concen: 0.448 ng
RT: 7.052 min Scan# 61
Delta R.T. 0.012 min
Lab File: BP010668.D
Acq: 02 Jun 2022 13:24

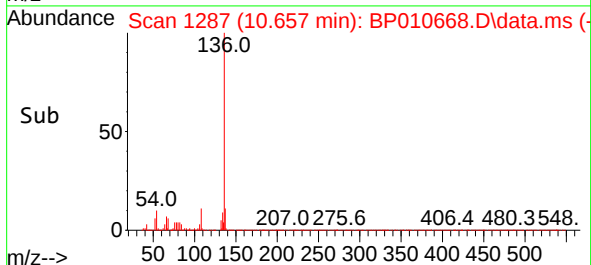
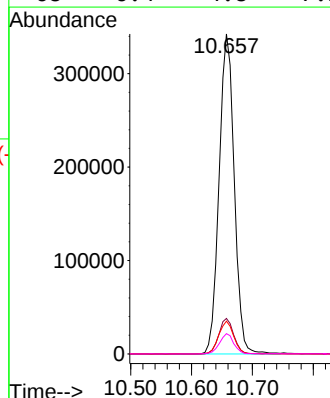
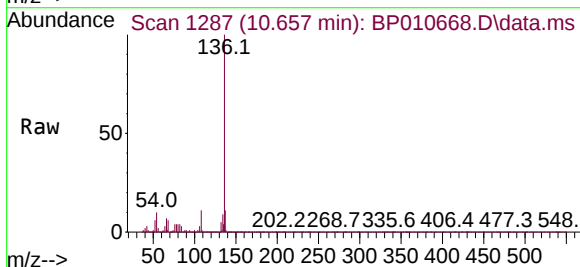
Instrument :
BNA_P
ClientSampleId :
MW-14DL2

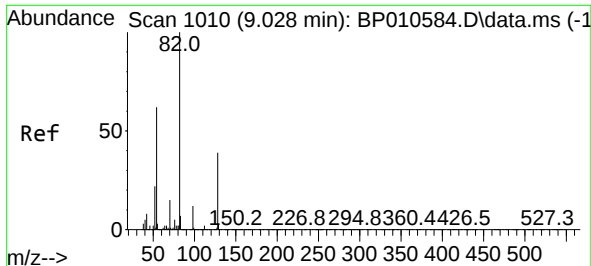
Tgt Ion	Ratio	Lower	Upper
99	100		
42	32.3	20.3	30.5
71	45.8	33.9	50.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.657 min Scan# 1287
Delta R.T. -0.012 min
Lab File: BP010668.D
Acq: 02 Jun 2022 13:24

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	10.3	8.7	13.1
68	6.4	4.8	7.2

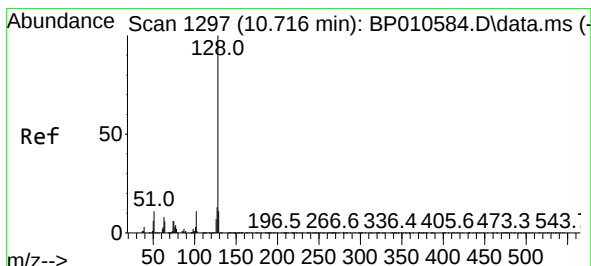
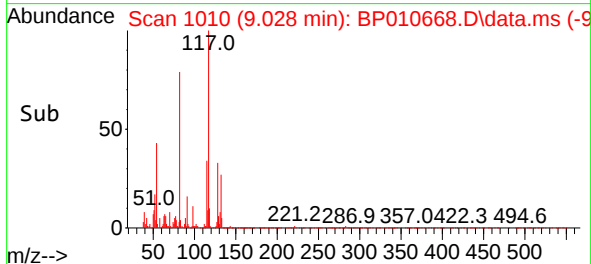
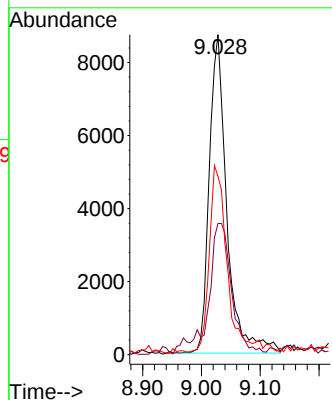
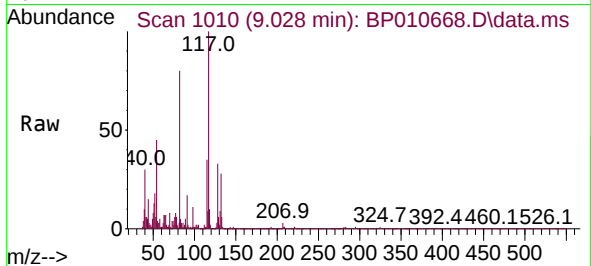




#23
Nitrobenzene-d5
Concen: 1.449 ng
RT: 9.028 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BP010668.D
Acq: 02 Jun 2022 13:24

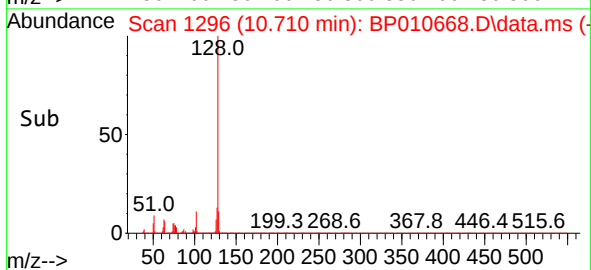
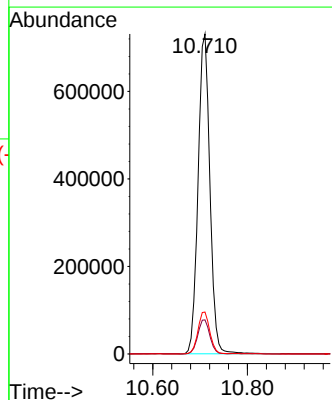
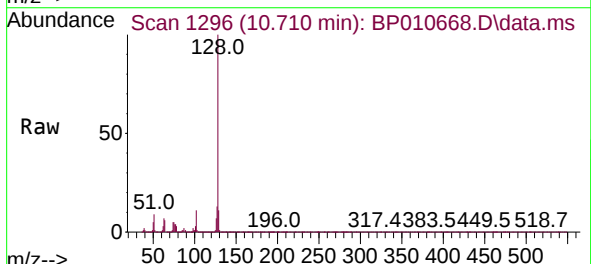
Instrument :
BNA_P
ClientSampleId :
MW-14DL2

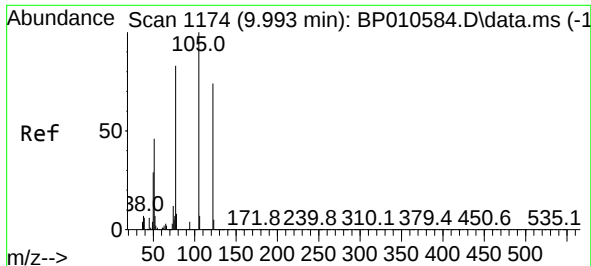
Tgt Ion: 82 Resp: 18133
Ion Ratio Lower Upper
82 100
128 41.0 31.3 46.9
54 55.8 49.8 74.8



#31
Naphthalene
Concen: 40.658 ng
RT: 10.710 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BP010668.D
Acq: 02 Jun 2022 13:24

Tgt Ion: 128 Resp: 1267465
Ion Ratio Lower Upper
128 100
129 10.7 8.6 12.8
127 13.1 10.3 15.5

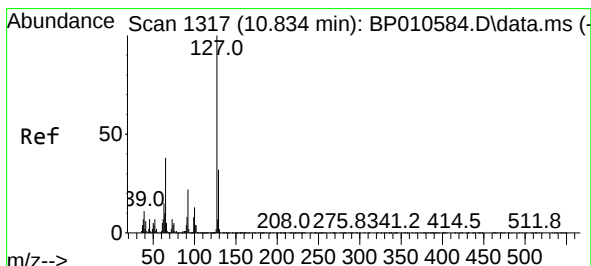
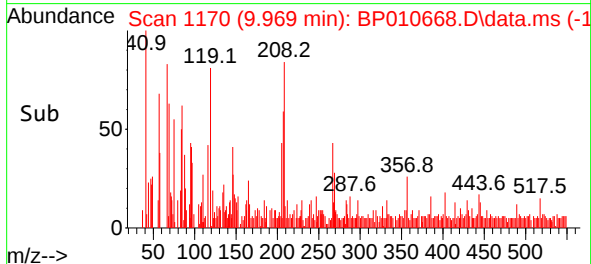
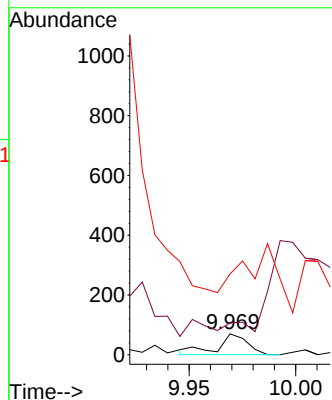
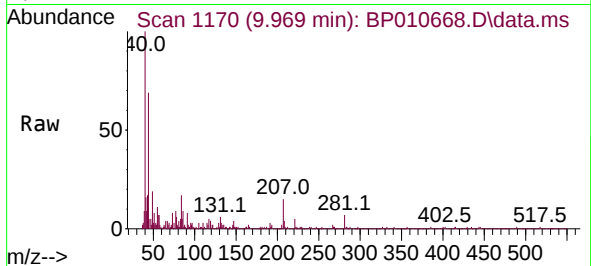




#32
Benzoic acid
Concen: 7.334 ng
RT: 9.969 min Scan# 1174
Delta R.T. -0.024 min
Lab File: BP010668.D
Acq: 02 Jun 2022 13:24

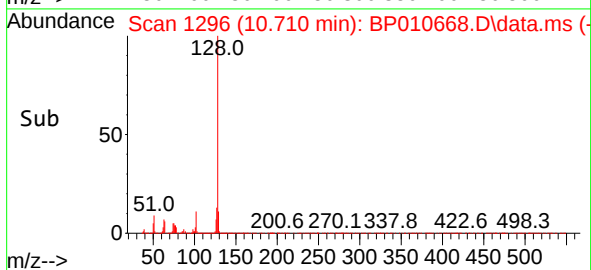
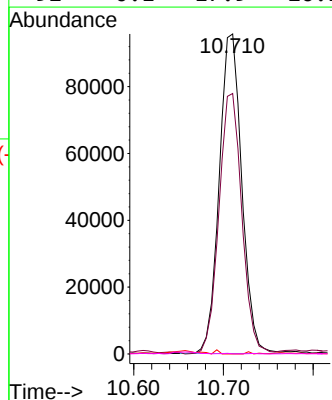
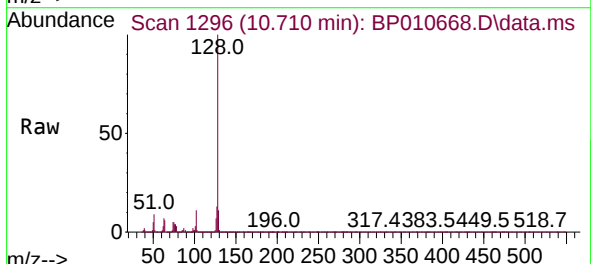
Instrument :
BNA_P
ClientSampleId :
MW-14DL2

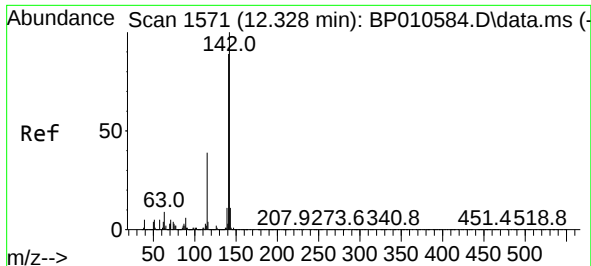
Tgt Ion:122 Resp: 68
Ion Ratio Lower Upper
122 100
105 151.4 112.6 152.6
77 385.7 90.2 130.2#



#33
4-Chloroaniline
Concen: 13.881 ng
RT: 10.710 min Scan# 1296
Delta R.T. -0.124 min
Lab File: BP010668.D
Acq: 02 Jun 2022 13:24

Tgt Ion:127 Resp: 167162
Ion Ratio Lower Upper
127 100
129 81.4 25.4 38.2#
65 0.0 30.4 45.6#
92 0.1 17.9 26.9#

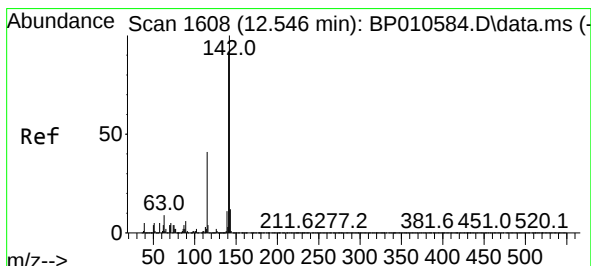
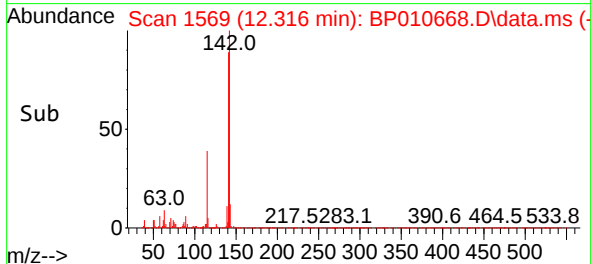
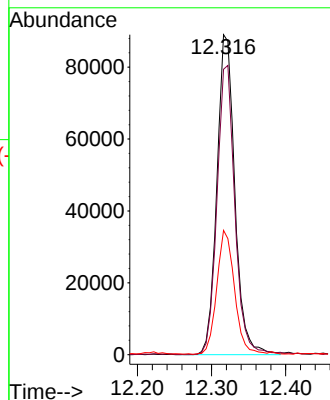
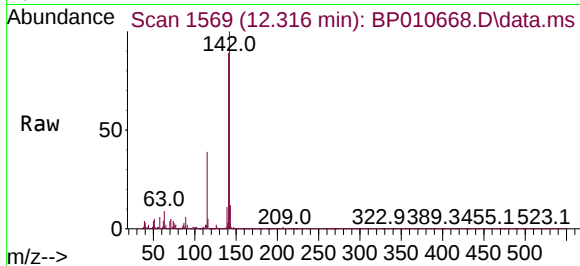




#37
2-Methylnaphthalene
Concen: 6.894 ng
RT: 12.316 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP010668.D
Acq: 02 Jun 2022 13:24

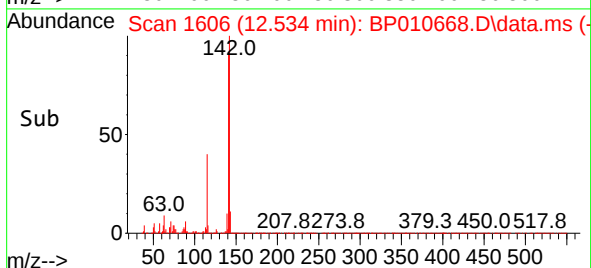
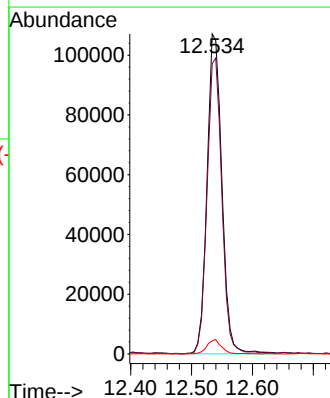
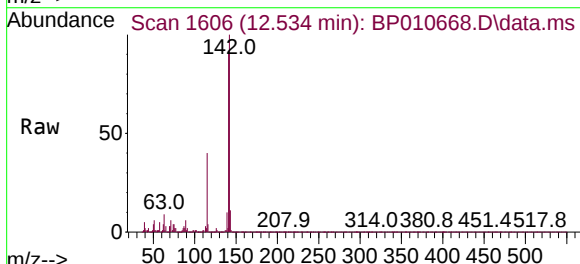
Instrument :
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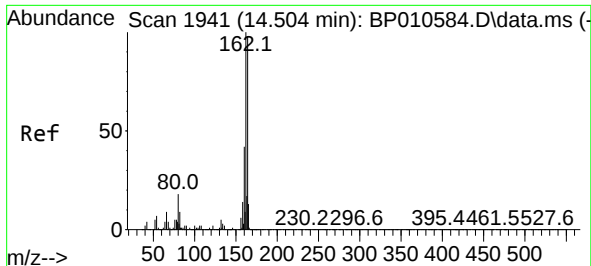
Tgt Ion:142 Resp: 149959
Ion Ratio Lower Upper
142 100
141 89.2 71.3 106.9
115 38.9 31.4 47.2



#38
1-Methylnaphthalene
Concen: 8.551 ng
RT: 12.534 min Scan# 1606
Delta R.T. -0.012 min
Lab File: BP010668.D
Acq: 02 Jun 2022 13:24

Tgt Ion:142 Resp: 181647
Ion Ratio Lower Upper
142 100
141 90.8 72.6 108.8
116 4.1 3.3 4.9

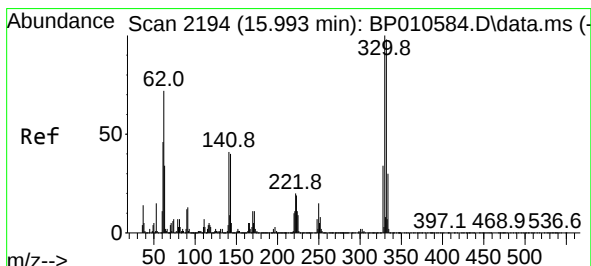
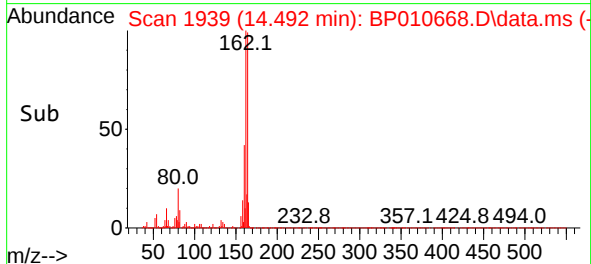
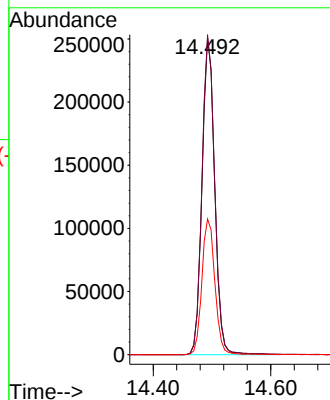
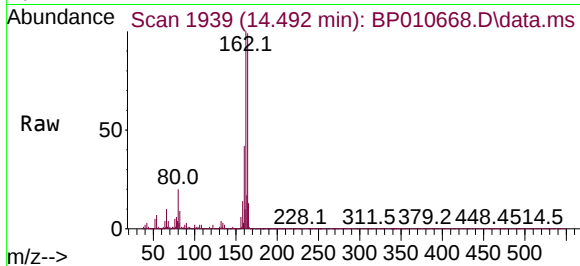




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.492 min Scan# 1939
Delta R.T. -0.012 min
Lab File: BP010668.D
Acq: 02 Jun 2022 13:24

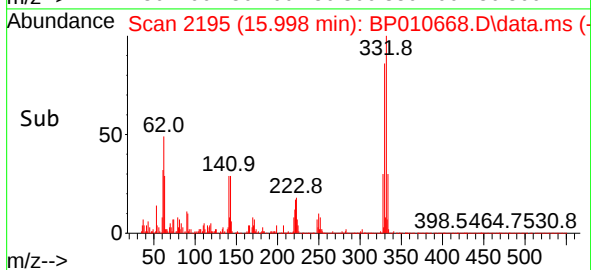
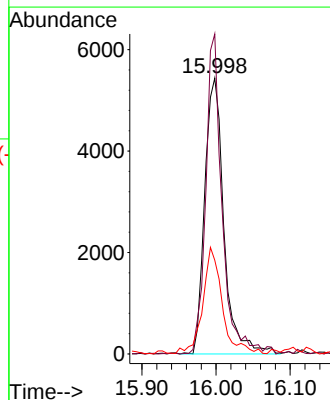
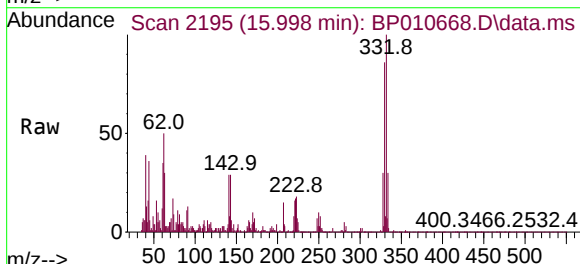
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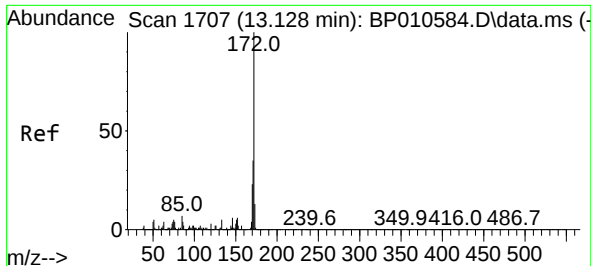
Tgt Ion:164 Resp: 374452
Ion Ratio Lower Upper
164 100
162 101.1 81.9 122.9
160 42.9 34.6 51.8



#42
2,4,6-Tribromophenol
Concen: 2.303 ng
RT: 15.998 min Scan# 2195
Delta R.T. 0.005 min
Lab File: BP010668.D
Acq: 02 Jun 2022 13:24

Tgt Ion:330 Resp: 9763
Ion Ratio Lower Upper
330 100
332 99.8 78.1 117.1
141 39.0 31.4 47.2

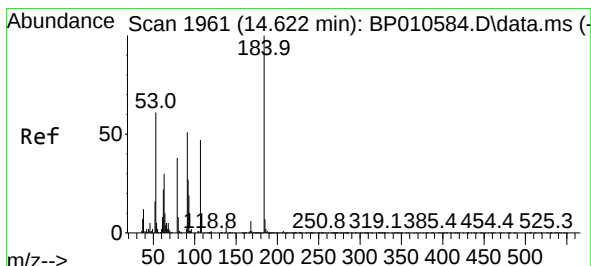
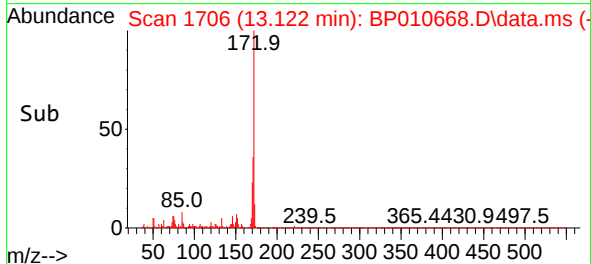
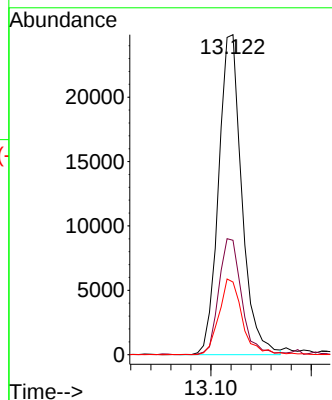
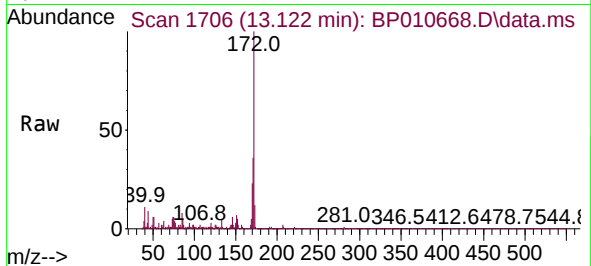




#45
2-Fluorobiphenyl
Concen: 1.514 ng
RT: 13.122 min Scan# 1707
Delta R.T. -0.006 min
Lab File: BP010668.D
Acq: 02 Jun 2022 13:24

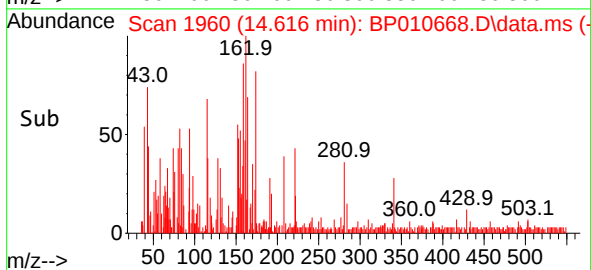
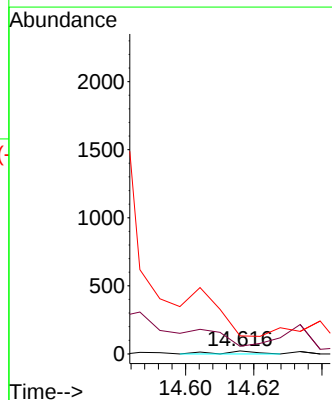
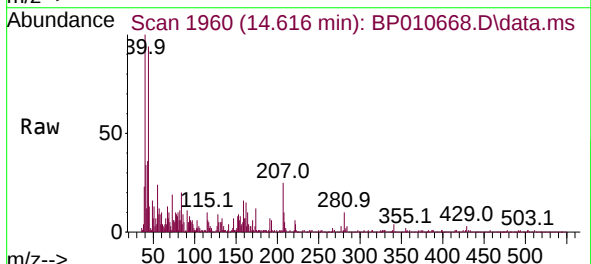
Instrument :
BNA_P
ClientSampleId :
MW-14DL2

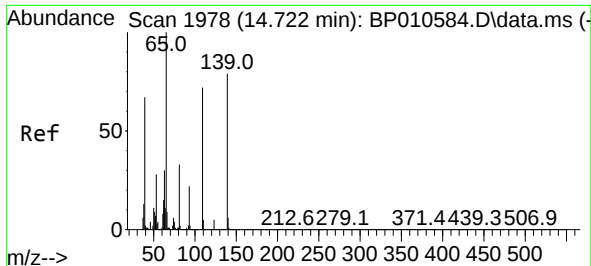
Tgt Ion:172	Resp:	39937
Ion Ratio	Lower	Upper
172	100	
171	35.8	27.9 41.9
170	22.7	18.2 27.2



#54
2,4-Dinitrophenol
Concen: 6.650 ng
RT: 14.616 min Scan# 1960
Delta R.T. -0.006 min
Lab File: BP010668.D
Acq: 02 Jun 2022 13:24

Tgt Ion:184	Resp:	16
Ion Ratio	Lower	Upper
184	100	
63	254.5	65.4 98.2#
154	600.0	55.4 83.2#

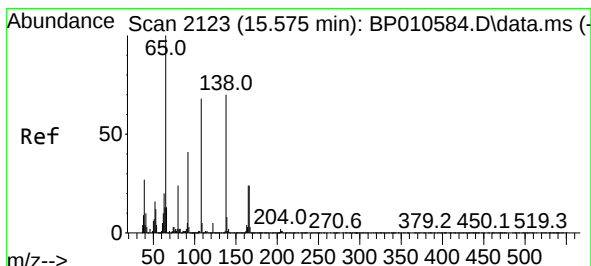
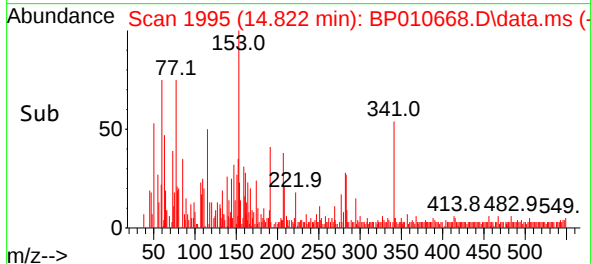
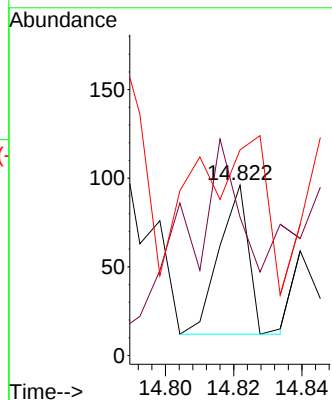
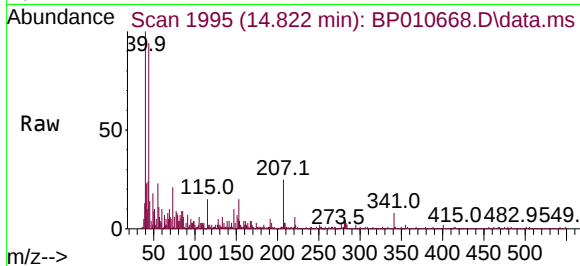




#56
4-Nitrophenol
Concen: 3.607 ng
RT: 14.822 min Scan# 11
Delta R.T. 0.100 min
Lab File: BP010668.D
Acq: 02 Jun 2022 13:24

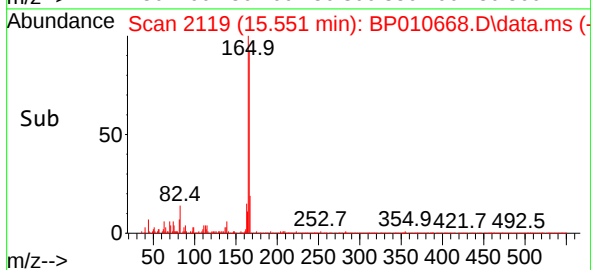
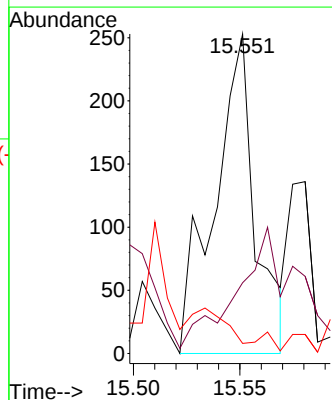
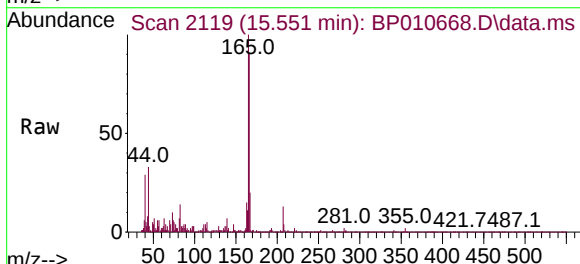
Instrument :
BNA_P
ClientSampleId :
MW-14DL2

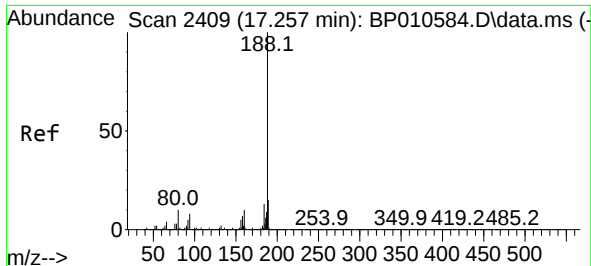
Tgt Ion:139 Resp: 51
Ion Ratio Lower Upper
139 100
109 81.3 70.6 110.6
65 120.8 106.6 146.6



#62
4-Nitroaniline
Concen: 2.187 ng
RT: 15.551 min Scan# 2119
Delta R.T. -0.024 min
Lab File: BP010668.D
Acq: 02 Jun 2022 13:24

Tgt Ion:138 Resp: 336
Ion Ratio Lower Upper
138 100
92 22.1 38.0 78.0#
108 3.2 77.6 117.6#

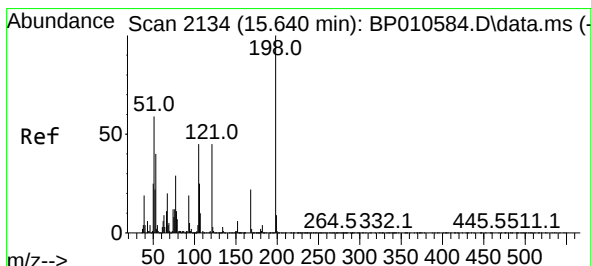
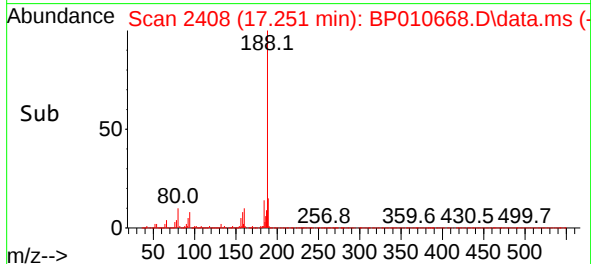
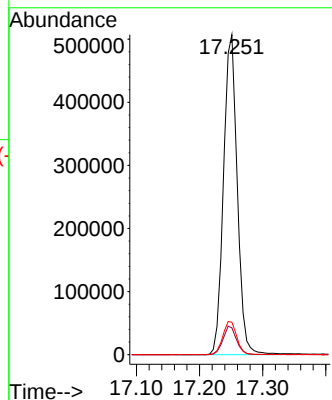
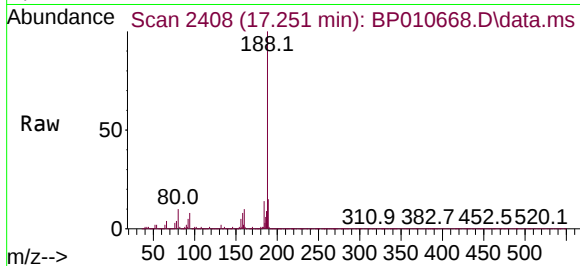




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.251 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BP010668.D
Acq: 02 Jun 2022 13:24

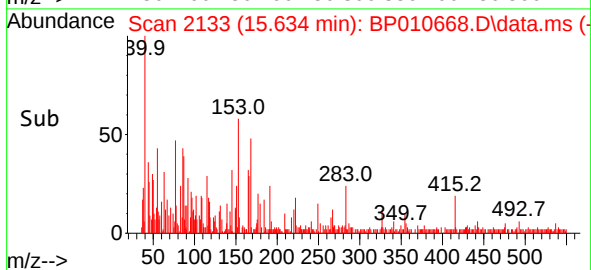
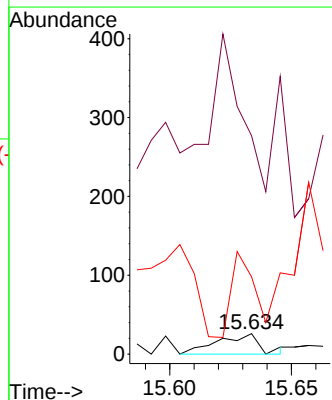
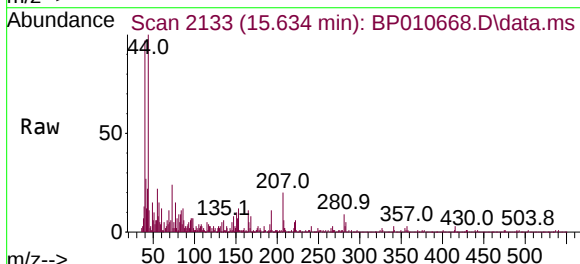
Instrument :
BNA_P
ClientSampleId :
MW-14DL2

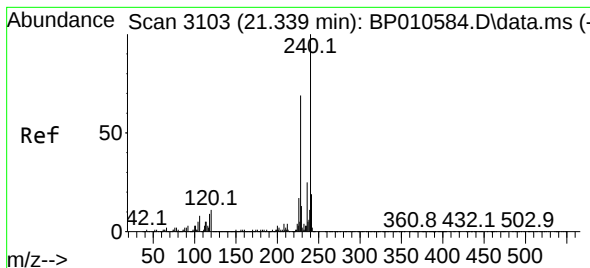
Tgt Ion:188 Resp: 767291
Ion Ratio Lower Upper
188 100
94 8.4 6.6 10.0
80 10.1 8.0 12.0



#65
4,6-Dinitro-2-methylphenol
Concen: 4.609 ng
RT: 15.634 min Scan# 2133
Delta R.T. -0.006 min
Lab File: BP010668.D
Acq: 02 Jun 2022 13:24

Tgt Ion:198 Resp: 32
Ion Ratio Lower Upper
198 100
51 1065.4 41.2 81.2#
105 376.9 25.3 65.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.339 min Scan# 3103

Delta R.T. 0.000 min

Lab File: BP010668.D

Acq: 02 Jun 2022 13:24

Instrument :

BNA_P

ClientSampleId :

MW-14DL2

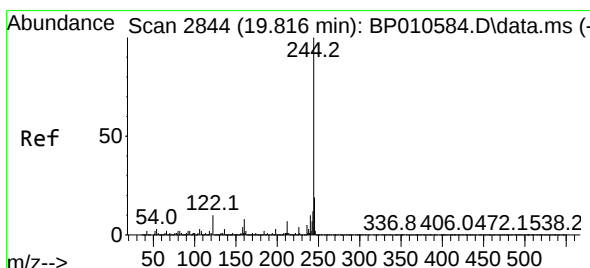
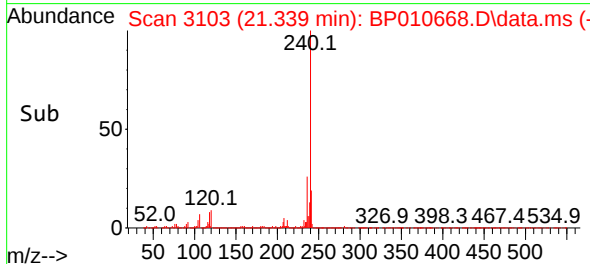
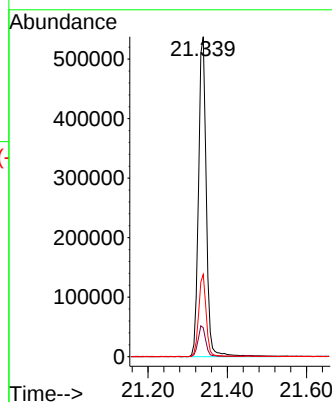
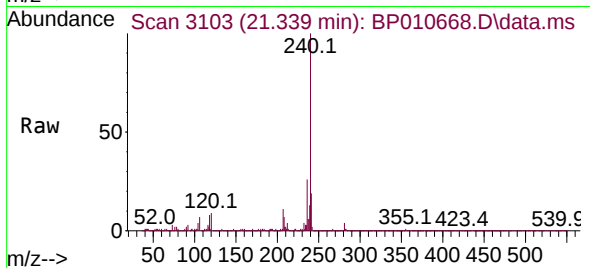
Tgt Ion:240 Resp: 726917

Ion Ratio Lower Upper

240 100

120 9.0 8.6 12.8

236 25.7 19.8 29.6



#79

Terphenyl-d14

Concen: 1.699 ng

RT: 19.804 min Scan# 2842

Delta R.T. -0.012 min

Lab File: BP010668.D

Acq: 02 Jun 2022 13:24

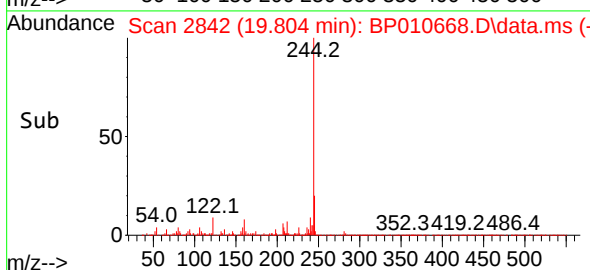
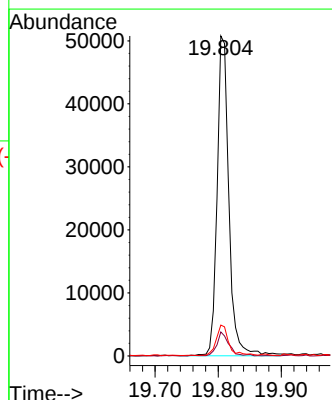
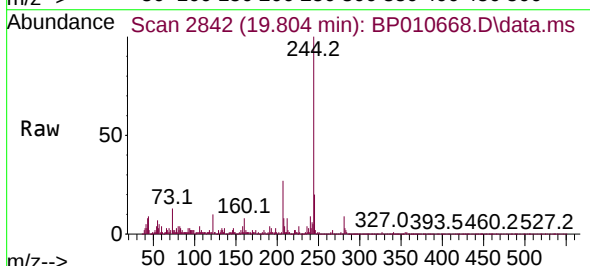
Tgt Ion:244 Resp: 65753

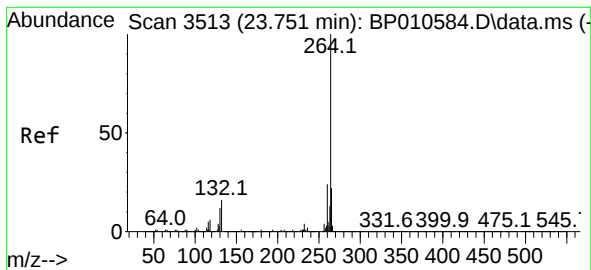
Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

122 9.6 7.6 11.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.751 min Scan# 3

Delta R.T. -0.000 min

Lab File: BP010668.D

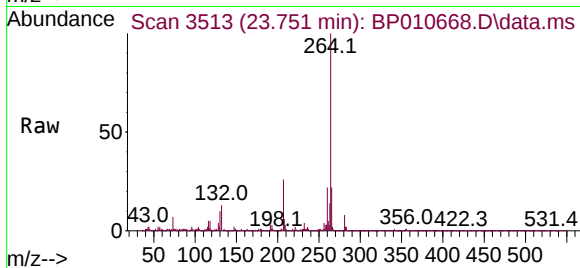
Acq: 02 Jun 2022 13:24

Instrument :

BNA_P

ClientSampleId :

MW-14DL2



Tgt Ion:264 Resp: 726603

Ion Ratio Lower Upper

264 100

260 22.2 19.3 28.9

265 21.9 18.0 27.0

