

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052922\
 Data File : BP010614.D
 Acq On : 29 May 2022 12:20
 Operator : CG/JU
 Sample : PB145180BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB145180BL

Quant Time: May 30 02:05:37 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)

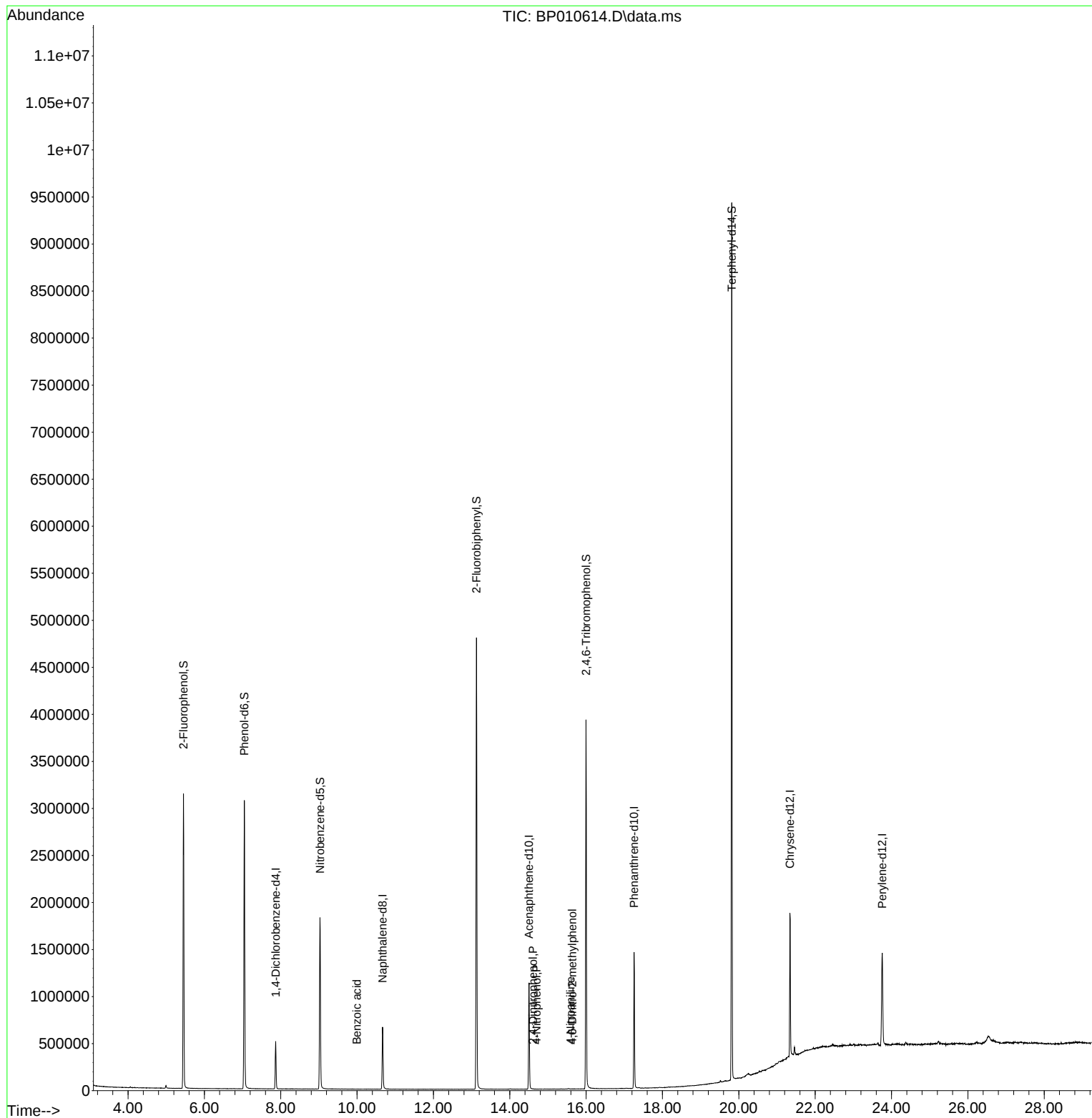
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	130960	20.000	ng	0.00
21) Naphthalene-d8	10.669	136	552929	20.000	ng	0.00
39) Acenaphthene-d10	14.504	164	383511	20.000	ng	0.00
64) Phenanthrene-d10	17.257	188	848477	20.000	ng	0.00
76) Chrysene-d12	21.339	240	784193	20.000	ng	0.00
86) Perylene-d12	23.757	264	782438	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.452	112	1165594	162.370	ng	0.00
7) Phenol-d6	7.046	99	1589202	155.939	ng	0.00
23) Nitrobenzene-d5	9.028	82	1045695	89.412	ng	0.00
42) 2,4,6-Tribromophenol	15.998	330	691482	159.285	ng	0.00
45) 2-Fluorobiphenyl	13.128	172	2403406	88.942	ng	0.00
79) Terphenyl-d14	19.816	244	4248275	101.755	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.993	122	27	7.328	ng	# 36
54) 2,4-Dinitrophenol	14.610	184	28	6.653	ng	# 1
56) 4-Nitrophenol	14.704	139	17	3.600	ng	# 1
62) 4-Nitroaniline	15.592	138	2	2.133	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.640	198	14	4.605	ng	# 1

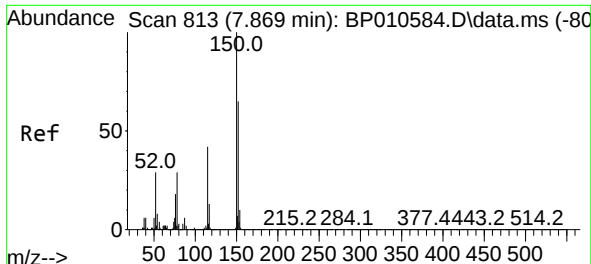
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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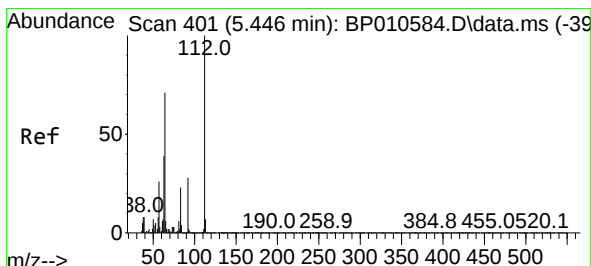
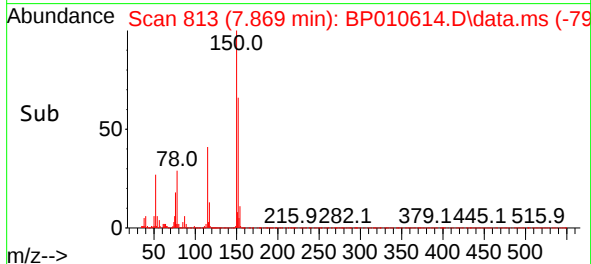
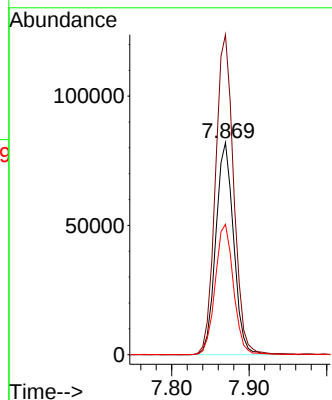
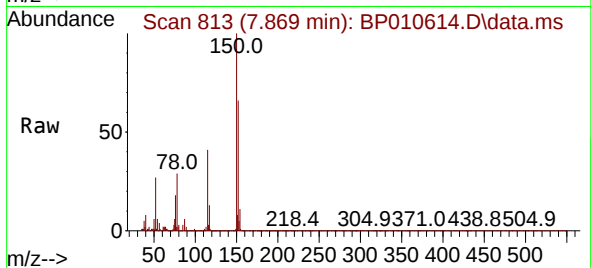




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.869 min Scan# 813
Delta R.T. 0.000 min
Lab File: BP010614.D
Acq: 29 May 2022 12:20

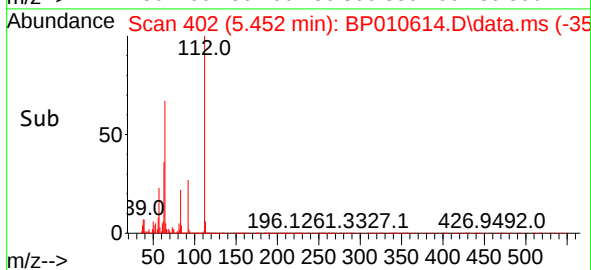
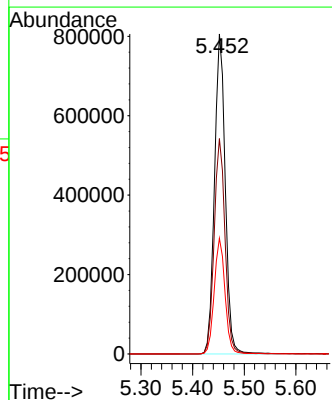
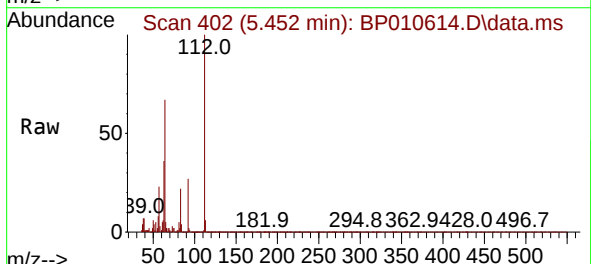
Instrument :
BNA_P
ClientSampleId :
PB145180BL

Tgt Ion:152 Resp: 130960
Ion Ratio Lower Upper
152 100
150 150.9 123.4 185.2
115 61.5 51.3 76.9



#5
2-Fluorophenol
Concen: 162.370 ng
RT: 5.452 min Scan# 402
Delta R.T. 0.006 min
Lab File: BP010614.D
Acq: 29 May 2022 12:20

Tgt Ion:112 Resp: 1165594
Ion Ratio Lower Upper
112 100
64 67.3 56.9 85.3
63 36.1 31.2 46.8



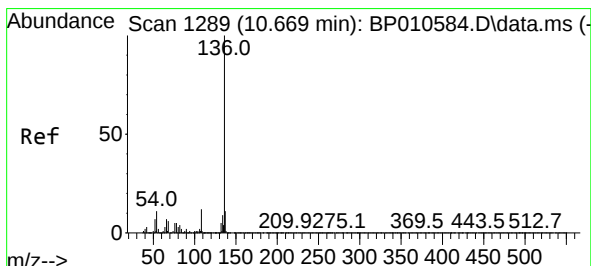
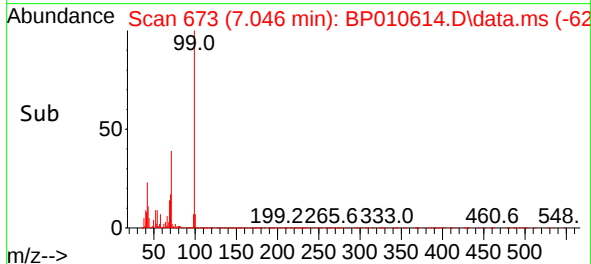
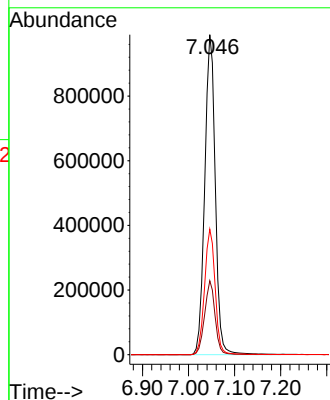
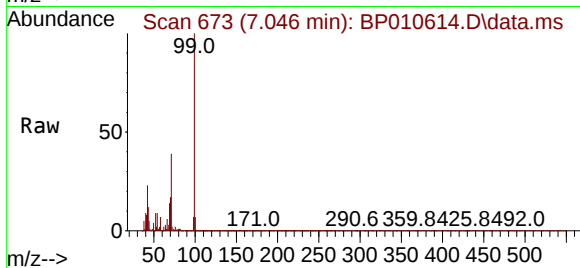


#7
Phenol-d6
Concen: 155.939 ng
RT: 7.046 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP010614.D
Acq: 29 May 2022 12:20

Instrument :
BNA_P
ClientSampleId :
PB145180BL

Tgt Ion: 99 Resp: 1589202

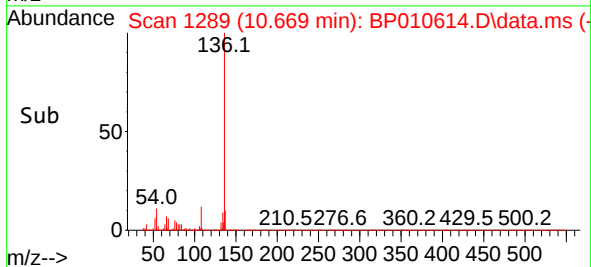
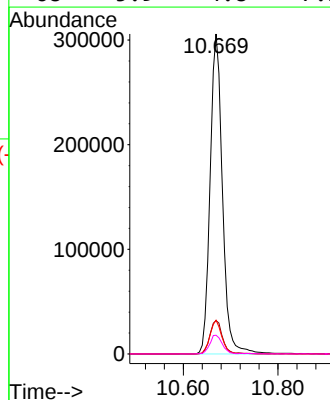
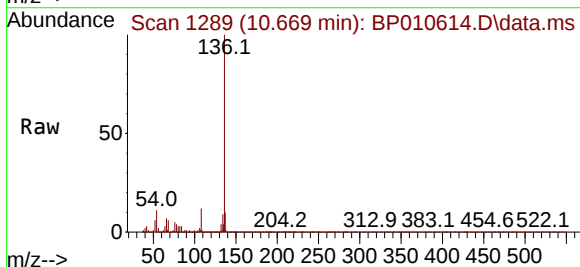
Ion	Ratio	Lower	Upper
99	100		
42	23.1	20.3	30.5
71	39.2	33.9	50.9

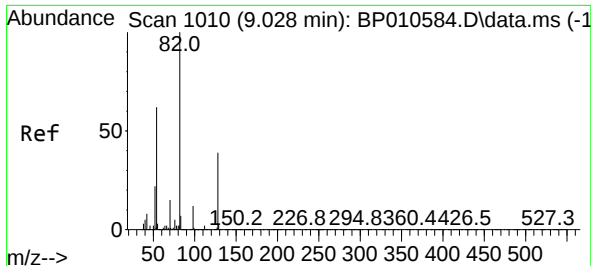


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.669 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BP010614.D
Acq: 29 May 2022 12:20

Tgt Ion:136 Resp: 552929

Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.0	13.4
54	10.5	8.7	13.1
68	5.9	4.8	7.2

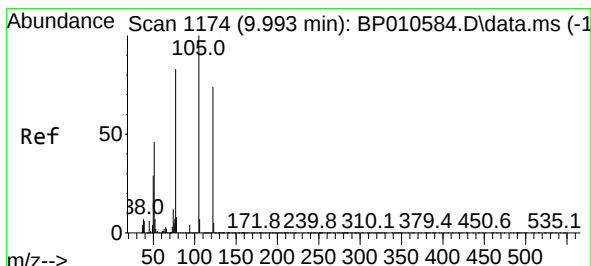
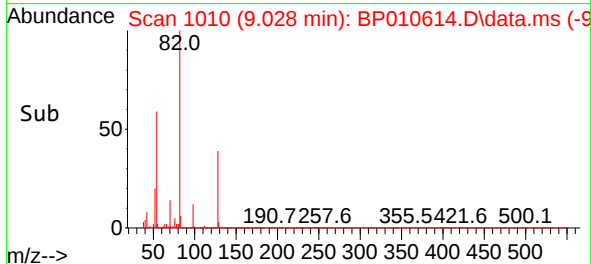
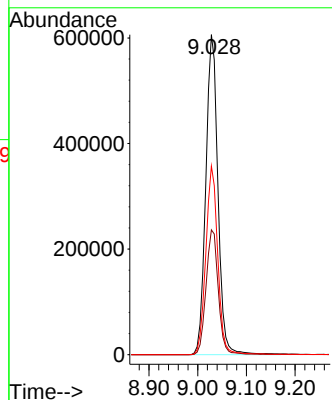
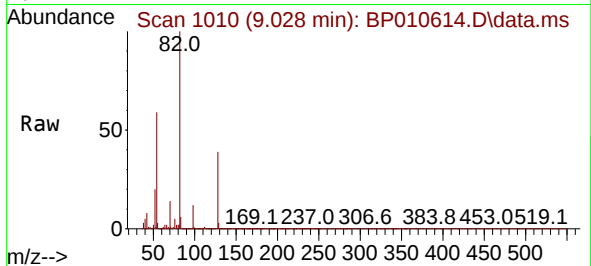




#23
Nitrobenzene-d5
Concen: 89.412 ng
RT: 9.028 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BP010614.D
Acq: 29 May 2022 12:20

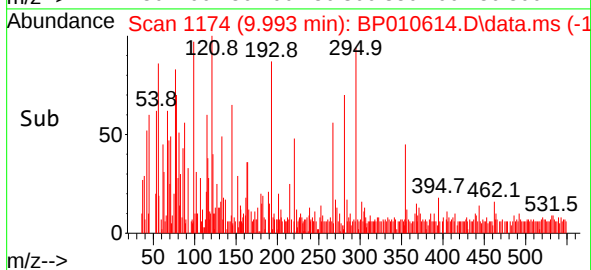
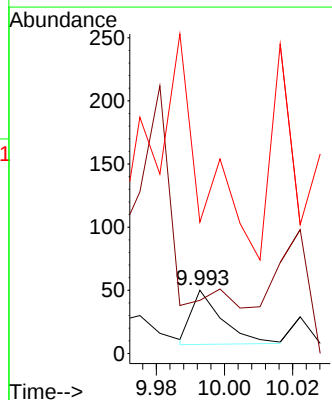
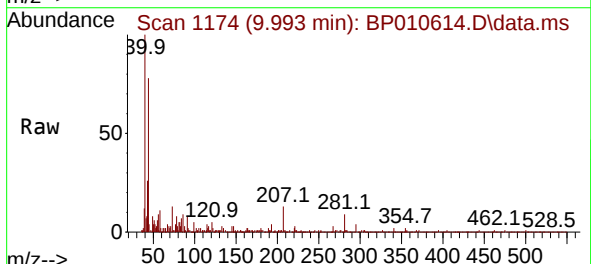
Instrument :
BNA_P
ClientSampleId :
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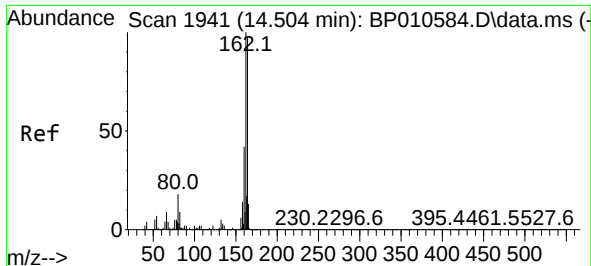
Tgt Ion: 82 Resp: 1045695
Ion Ratio Lower Upper
82 100
128 39.0 31.3 46.9
54 59.0 49.8 74.8



#32
Benzoic acid
Concen: 7.328 ng
RT: 9.993 min Scan# 1174
Delta R.T. -0.000 min
Lab File: BP010614.D
Acq: 29 May 2022 12:20

Tgt Ion: 122 Resp: 27
Ion Ratio Lower Upper
122 100
105 84.0 112.6 152.6#
77 208.0 90.2 130.2#

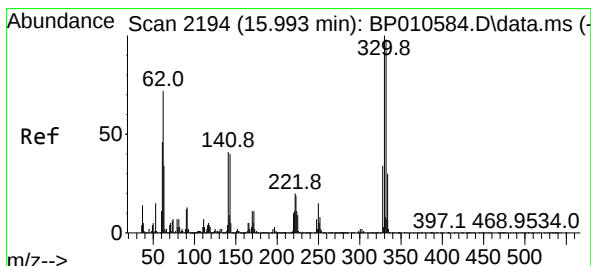
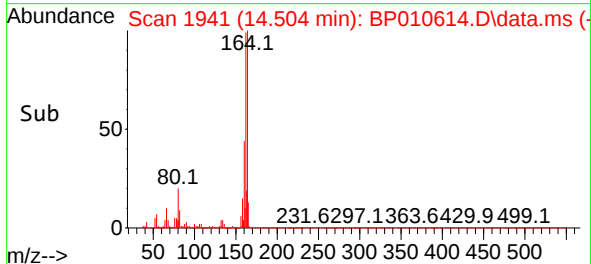
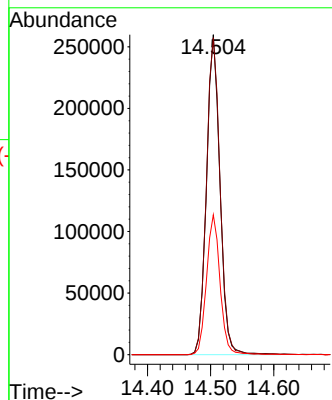
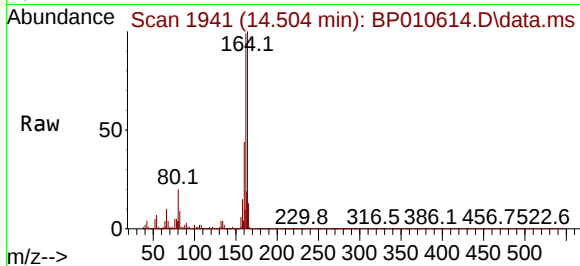




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.504 min Scan# 1941
Delta R.T. 0.000 min
Lab File: BP010614.D
Acq: 29 May 2022 12:20

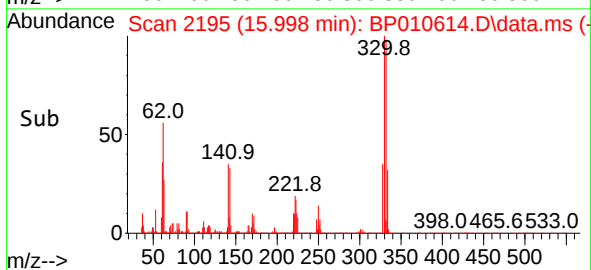
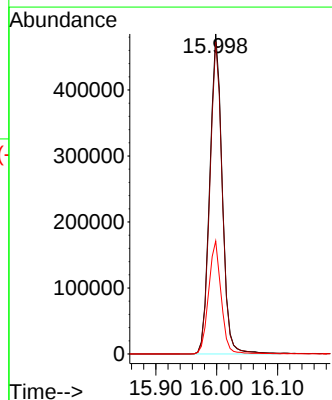
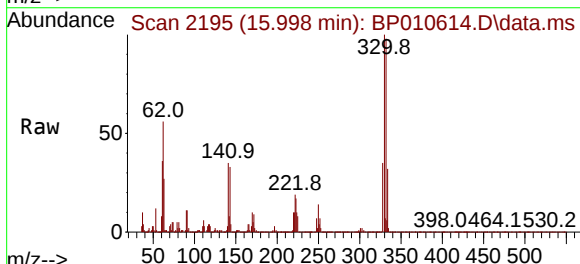
Instrument :
BNA_P
ClientSampleId :
PB145180BL

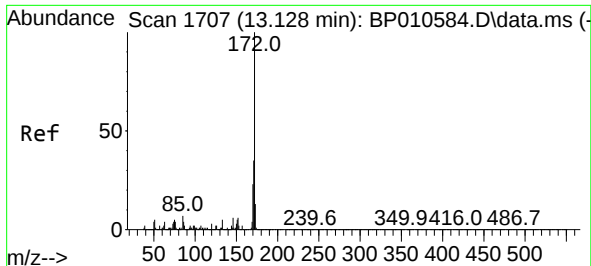
Tgt Ion:164 Resp: 383511
Ion Ratio Lower Upper
164 100
162 99.0 81.9 122.9
160 43.7 34.6 51.8



#42
2,4,6-Tribromophenol
Concen: 159.285 ng
RT: 15.998 min Scan# 2195
Delta R.T. 0.005 min
Lab File: BP010614.D
Acq: 29 May 2022 12:20

Tgt Ion:330 Resp: 691482
Ion Ratio Lower Upper
330 100
332 97.3 78.1 117.1
141 35.6 31.4 47.2

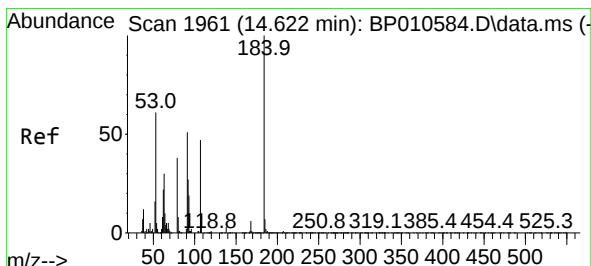
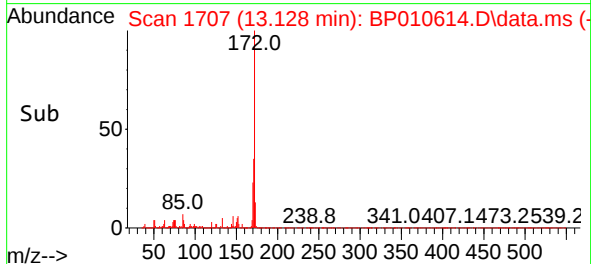
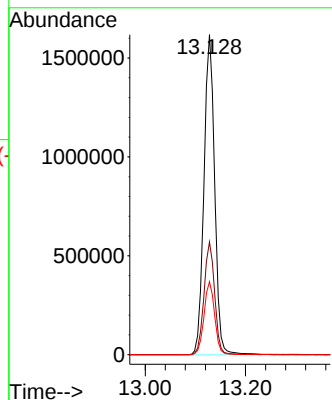
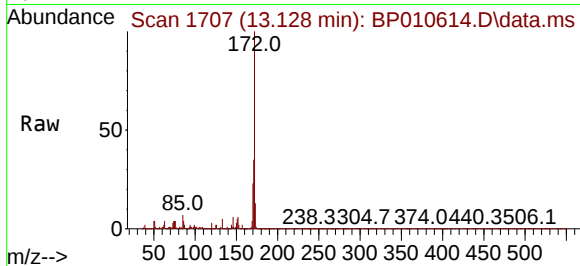




#45
2-Fluorobiphenyl
Concen: 88.942 ng
RT: 13.128 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP010614.D
Acq: 29 May 2022 12:20

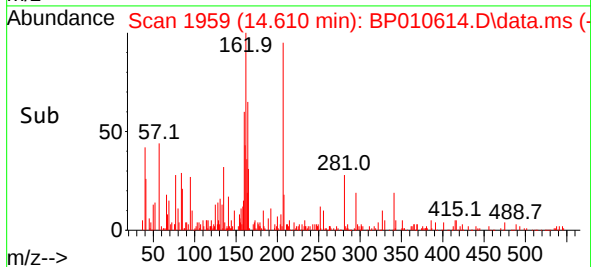
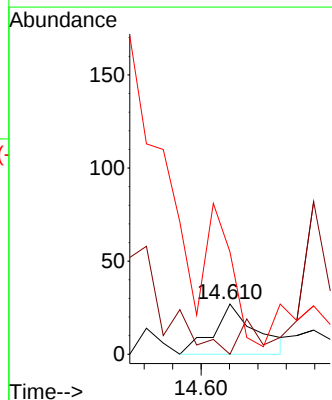
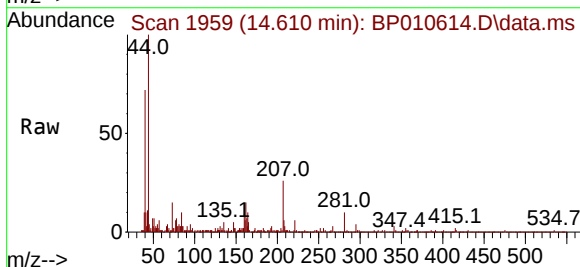
Instrument :
BNA_P
ClientSampleId :
PB145180BL

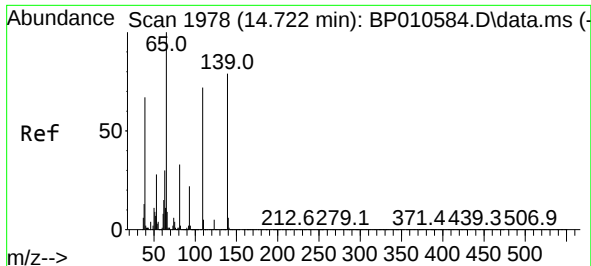
Tgt Ion:172 Resp: 2403406
Ion Ratio Lower Upper
172 100
171 35.2 27.9 41.9
170 22.8 18.2 27.2



#54
2,4-Dinitrophenol
Concen: 6.653 ng
RT: 14.610 min Scan# 1959
Delta R.T. -0.012 min
Lab File: BP010614.D
Acq: 29 May 2022 12:20

Tgt Ion:184 Resp: 28
Ion Ratio Lower Upper
184 100
63 0.0 65.4 98.2#
154 296.3 55.4 83.2#

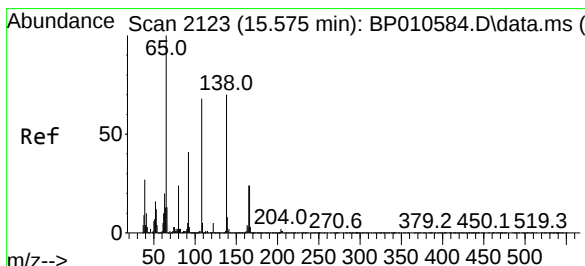
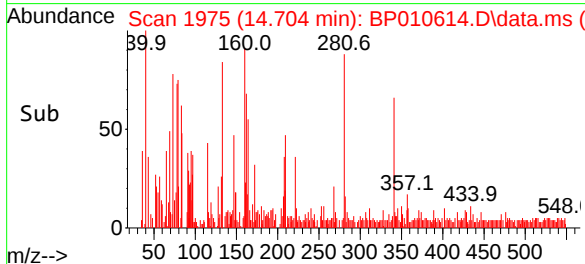
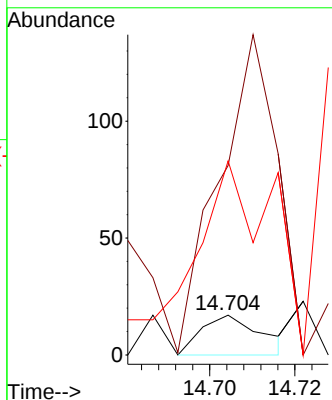
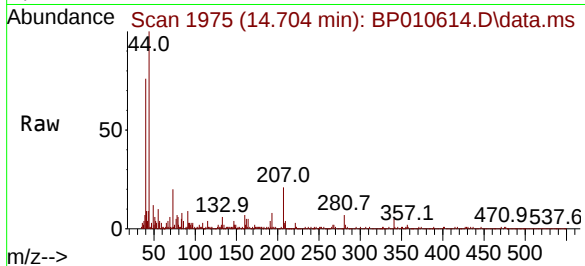




#56
4-Nitrophenol
Concen: 3.600 ng
RT: 14.704 min Scan# 1978
Delta R.T. -0.018 min
Lab File: BP010614.D
Acq: 29 May 2022 12:20

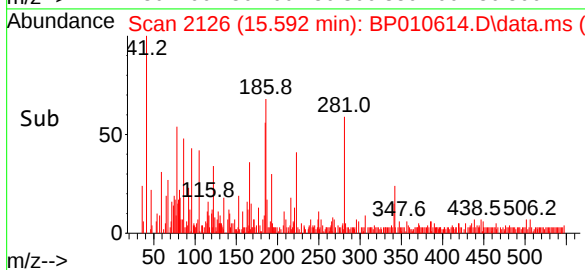
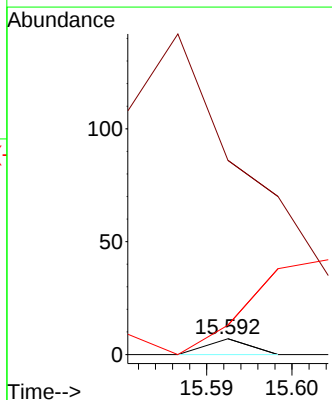
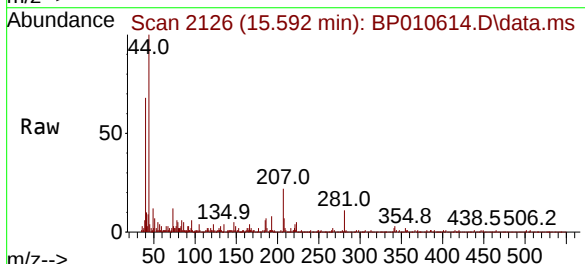
Instrument :
BNA_P
ClientSampleId :
PB145180BL

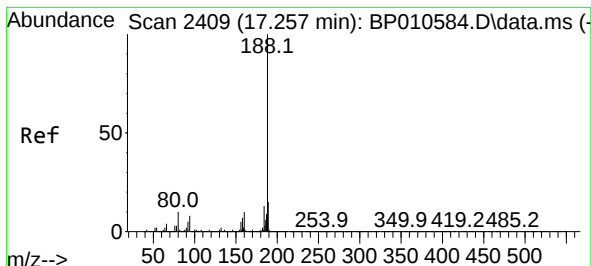
Tgt Ion:139 Resp: 17
Ion Ratio Lower Upper
139 100
109 255.6 70.6 110.6#
65 230.6 106.6 146.6#



#62
4-Nitroaniline
Concen: 2.133 ng
RT: 15.592 min Scan# 2126
Delta R.T. 0.017 min
Lab File: BP010614.D
Acq: 29 May 2022 12:20

Tgt Ion:138 Resp: 2
Ion Ratio Lower Upper
138 100
92 1228.6 38.0 78.0#
108 185.7 77.6 117.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.257 min Scan# 2409

Delta R.T. -0.000 min

Lab File: BP010614.D

Acq: 29 May 2022 12:20

Instrument :

BNA_P

ClientSampleId :

PB145180BL

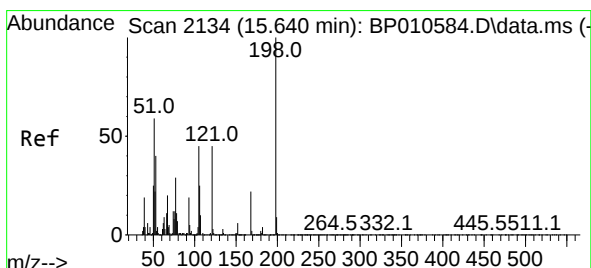
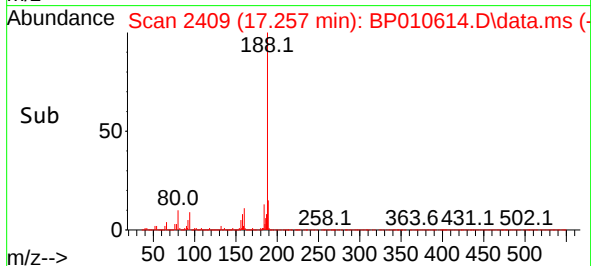
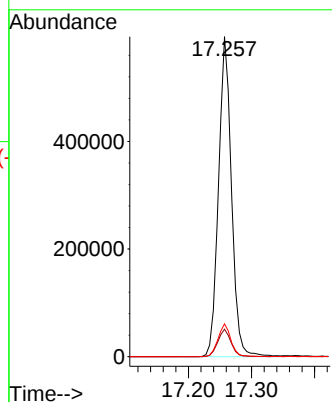
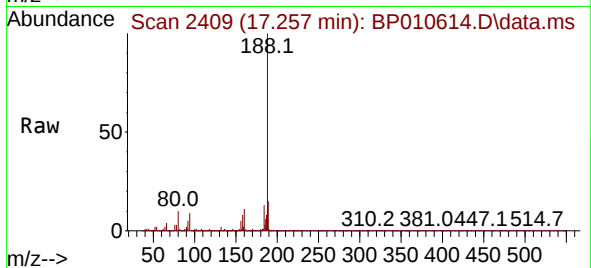
Tgt Ion:188 Resp: 848477

Ion Ratio Lower Upper

188 100

94 8.6 6.6 10.0

80 10.2 8.0 12.0



#65

4,6-Dinitro-2-methylphenol

Concen: 4.605 ng

RT: 15.640 min Scan# 2134

Delta R.T. -0.000 min

Lab File: BP010614.D

Acq: 29 May 2022 12:20

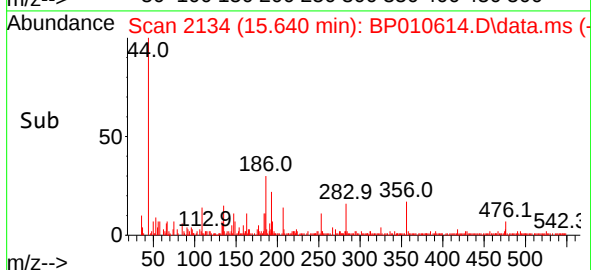
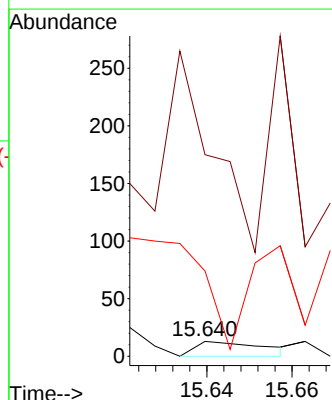
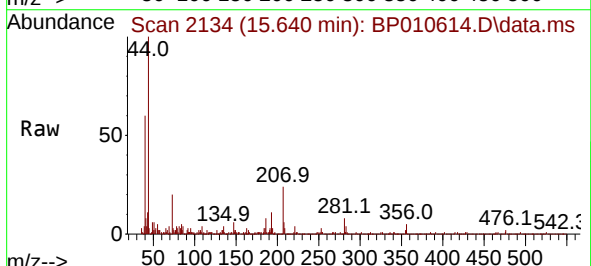
Tgt Ion:198 Resp: 14

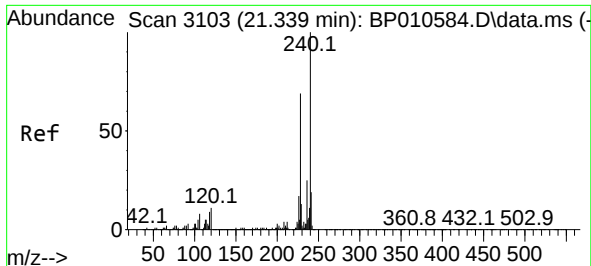
Ion Ratio Lower Upper

198 100

51 1346.2 41.2 81.2#

105 569.2 25.3 65.3#

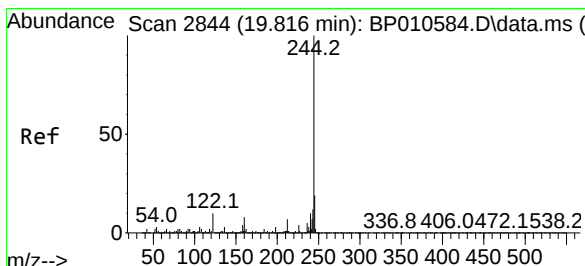
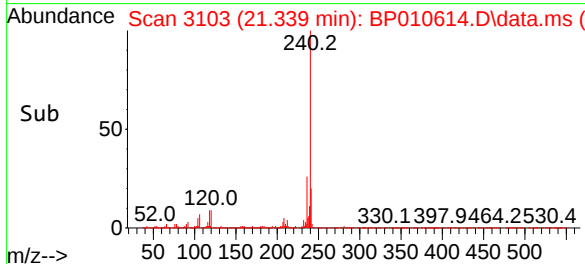
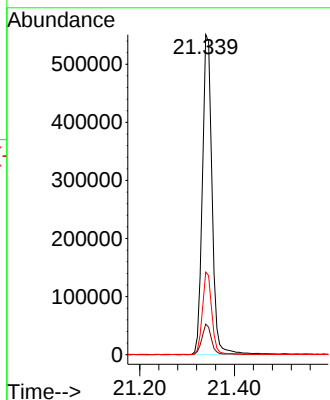
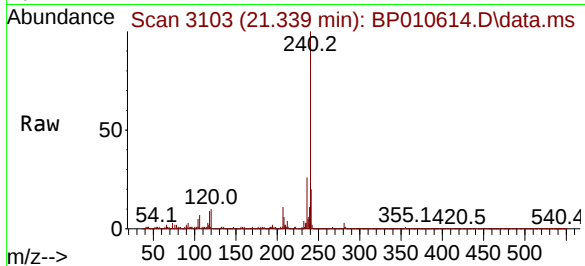




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.339 min Scan# 3103
Delta R.T. 0.000 min
Lab File: BP010614.D
Acq: 29 May 2022 12:20

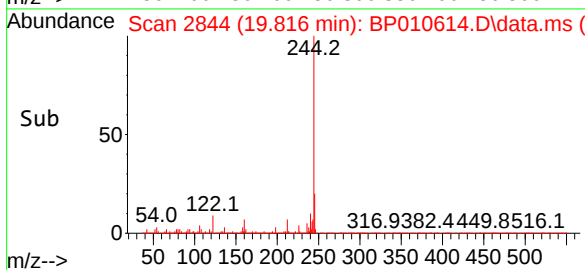
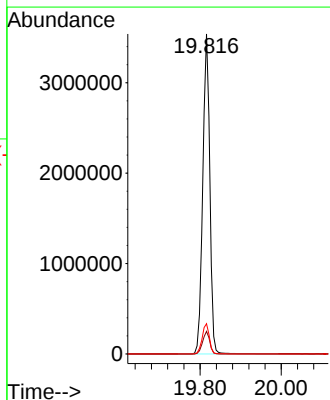
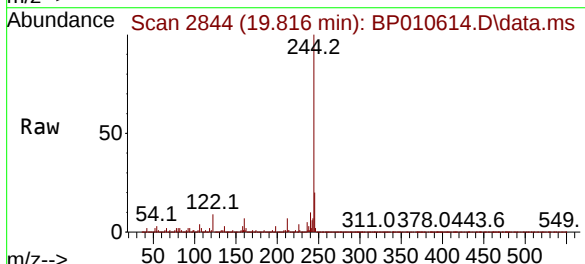
Instrument :
BNA_P
ClientSampleId :
PB145180BL

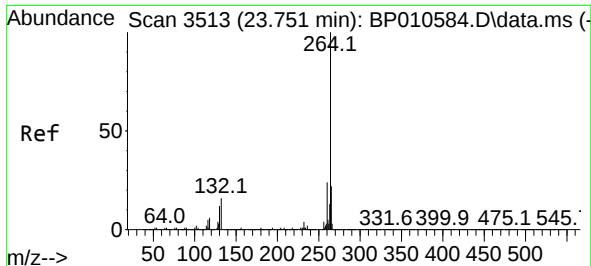
Tgt Ion:240 Resp: 784193
Ion Ratio Lower Upper
240 100
120 9.6 8.6 12.8
236 25.8 19.8 29.6



#79
Terphenyl-d14
Concen: 101.755 ng
RT: 19.816 min Scan# 2844
Delta R.T. -0.000 min
Lab File: BP010614.D
Acq: 29 May 2022 12:20

Tgt Ion:244 Resp: 4248275
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.8
122 9.4 7.6 11.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.757 min Scan# 31
 Delta R.T. 0.006 min
 Lab File: BP010614.D
 Acq: 29 May 2022 12:20

Instrument :
 BNA_P
 ClientSampleId :
 PB145180BL

Tgt Ion:264 Resp: 782438
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.3 28.9
 265 22.2 18.0 27.0

