

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012423\
 Data File : BP013586.D
 Acq On : 24 Jan 2023 23:52
 Operator : CG/JU
 Sample : 01232-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 B-P-18A

Quant Time: Jan 25 03:53:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 25 03:43:27 2023
 Response via : Initial Calibration

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

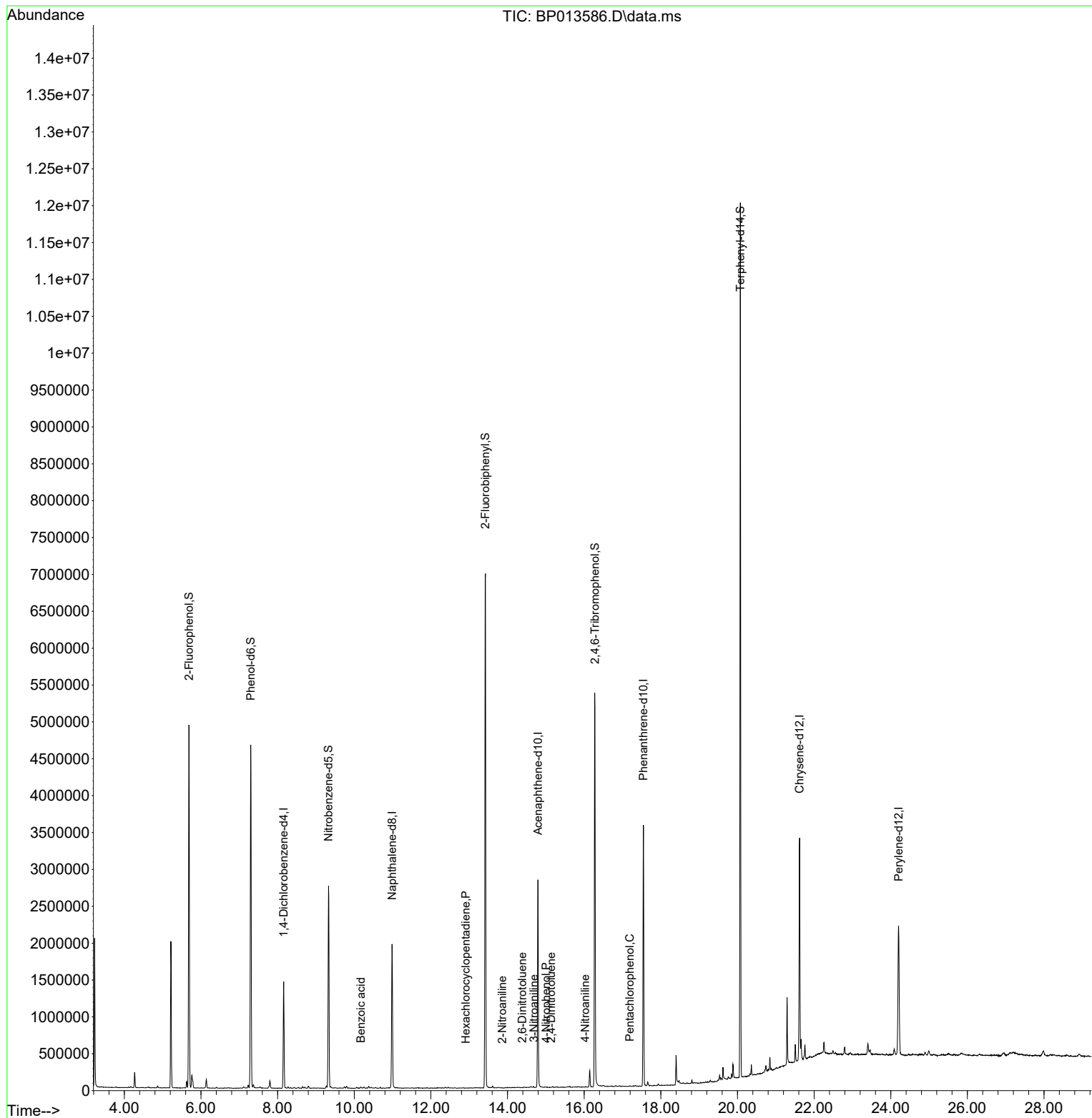
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.158	152	399746	20.000	ng	0.00
21) Naphthalene-d8	10.987	136	1629411	20.000	ng	0.00
39) Acenaphthene-d10	14.792	164	968292	20.000	ng	0.00
64) Phenanthrene-d10	17.545	188	2094748	20.000	ng	0.00
76) Chrysene-d12	21.622	240	1475318	20.000	ng	0.00
86) Perylene-d12	24.204	264	1445620	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	2172897	93.133	ng	0.00
7) Phenol-d6	7.299	99	2791835	88.910	ng	0.00
23) Nitrobenzene-d5	9.328	82	1539806	62.386	ng	0.00
42) 2,4,6-Tribromophenol	16.281	330	1110224	114.310	ng	0.00
45) 2-Fluorobiphenyl	13.422	172	3769481	53.436	ng	0.00
79) Terphenyl-d14	20.075	244	5437131	66.300	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.169	122	5567	2.659	ng	# 74
41) Hexachlorocyclopentadiene	12.910	237	13	3.904	ng	76
48) 2-Nitroaniline	13.863	65	50	6.221	ng	# 84
51) 2,6-Dinitrotoluene	14.387	165	361	5.187	ng	86
53) 3-Nitroaniline	14.687	138	226	5.420	ng	# 53
54) 2,4-Dinitrophenol	14.875	184	112	Below Cal	#	1
56) 4-Nitrophenol	15.004	139	1198	5.284	ng	# 63
57) 2,4-Dinitrotoluene	15.134	165	344	5.212	ng	# 83
62) 4-Nitroaniline	16.028	138	244	3.678	ng	85
70) Pentachlorophenol	17.186	266	413	5.352	ng	# 53

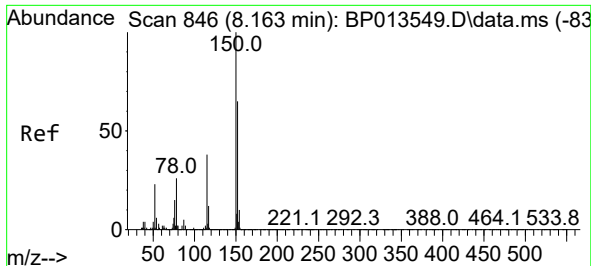
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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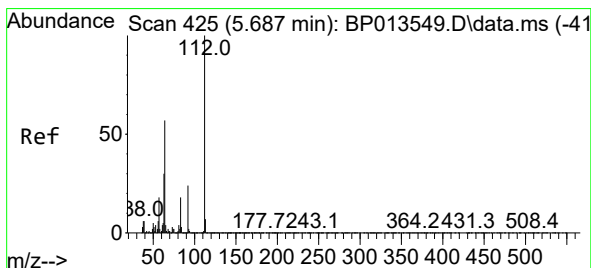
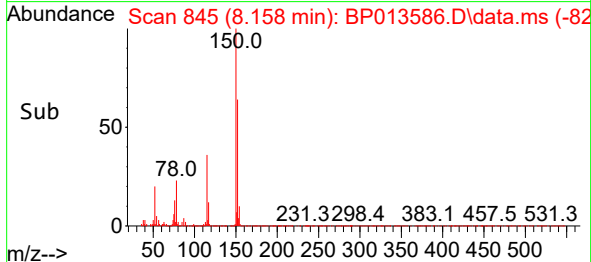
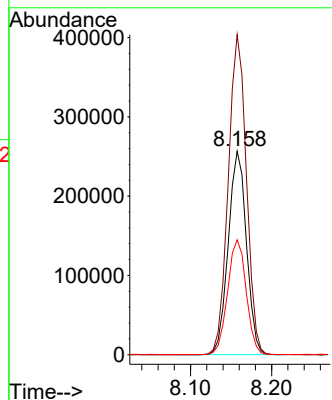
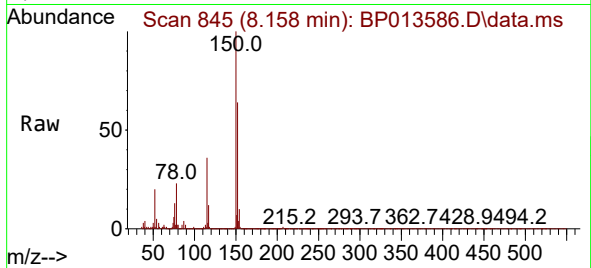




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.158 min Scan# 846
Delta R.T. -0.006 min
Lab File: BP013586.D
Acq: 24 Jan 2023 23:52

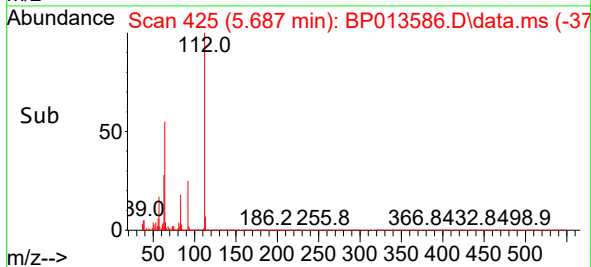
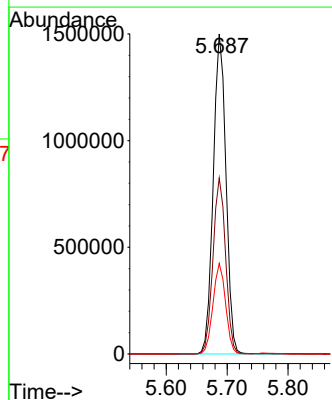
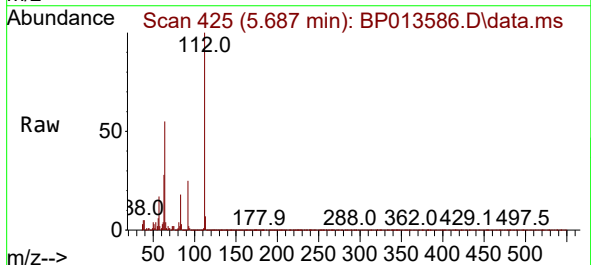
Instrument :
BNA_P
ClientSampleId :
B-P-18A

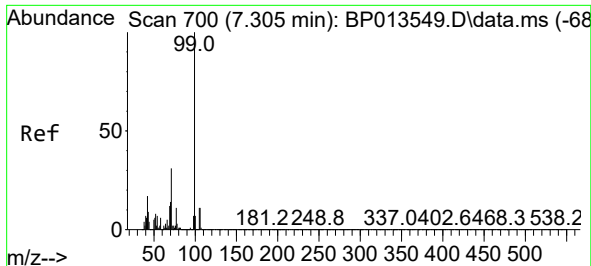
Tgt Ion:152 Resp: 399746
Ion Ratio Lower Upper
152 100
150 157.3 122.4 183.6
115 56.5 46.1 69.1



#5
2-Fluorophenol
Concen: 93.133 ng
RT: 5.687 min Scan# 425
Delta R.T. -0.000 min
Lab File: BP013586.D
Acq: 24 Jan 2023 23:52

Tgt Ion:112 Resp: 2172897
Ion Ratio Lower Upper
112 100
64 55.0 45.4 68.0
63 28.3 24.1 36.1

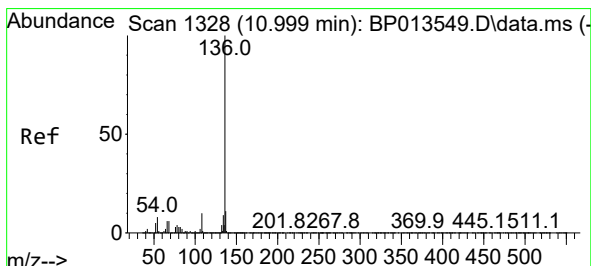
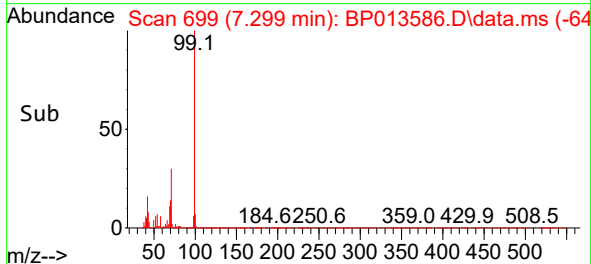
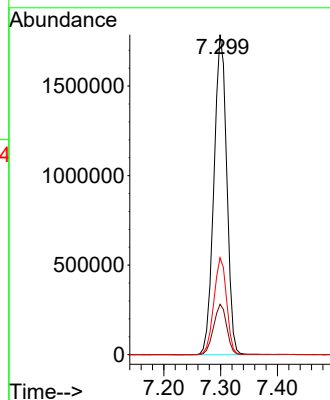
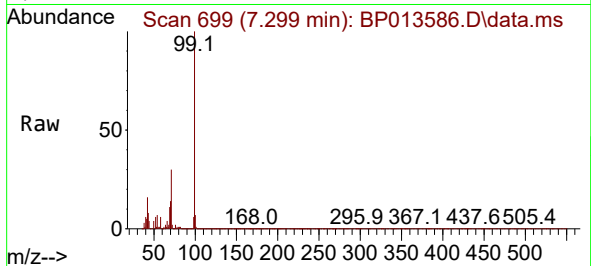




#7
Phenol-d6
Concen: 88.910 ng
RT: 7.299 min Scan# 699
Delta R.T. -0.000 min
Lab File: BP013586.D
Acq: 24 Jan 2023 23:52

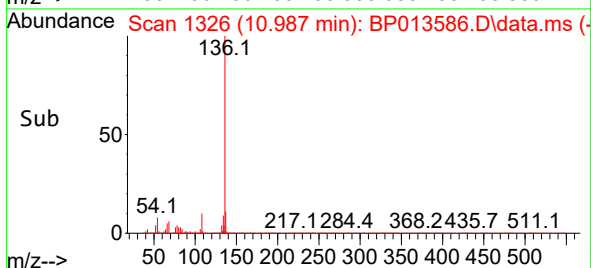
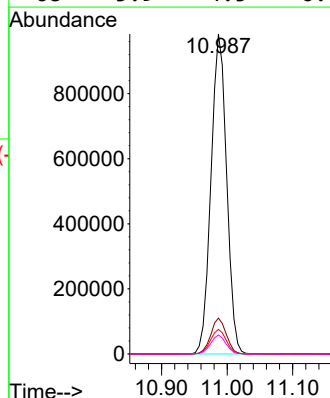
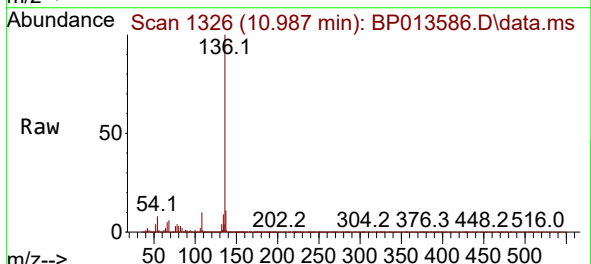
Instrument :
BNA_P
ClientSampleId :
B-P-18A

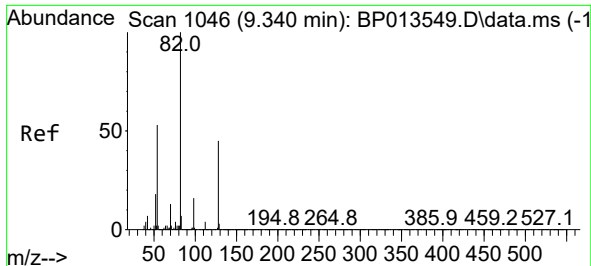
Tgt Ion: 99 Resp: 2791835
Ion Ratio Lower Upper
99 100
42 15.8 14.0 21.0
71 30.3 24.7 37.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.987 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BP013586.D
Acq: 24 Jan 2023 23:52

Tgt Ion: 136 Resp: 1629411
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 7.7 6.6 9.8
68 5.9 4.5 6.7

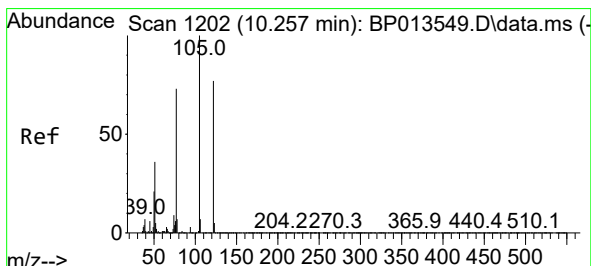
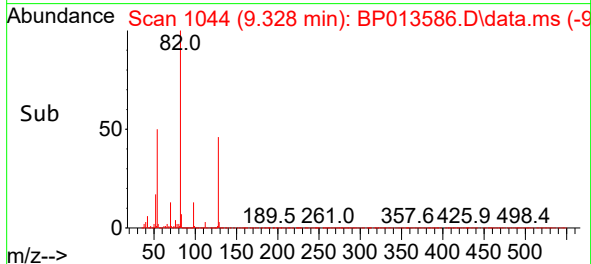
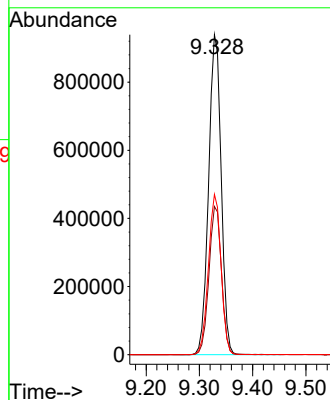
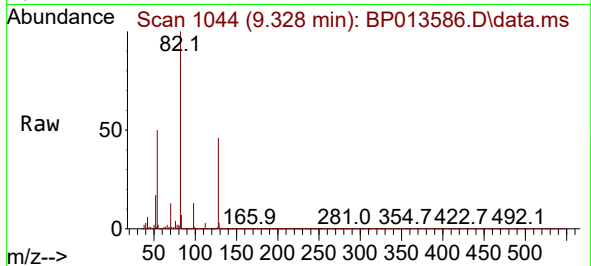




#23
Nitrobenzene-d5
Concen: 62.386 ng
RT: 9.328 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BP013586.D
Acq: 24 Jan 2023 23:52

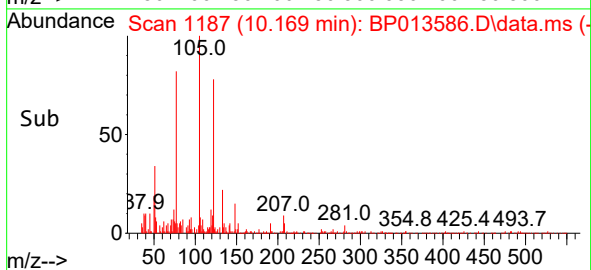
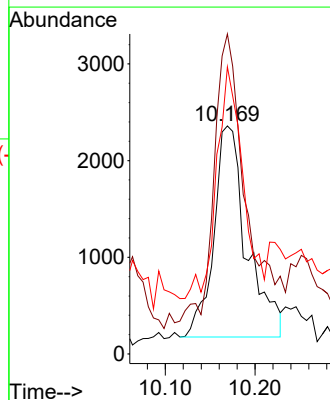
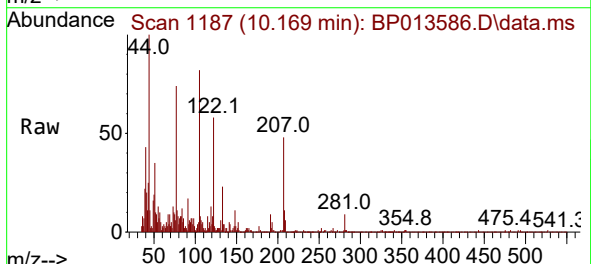
Instrument :
BNA_P
ClientSampleId :
B-P-18A

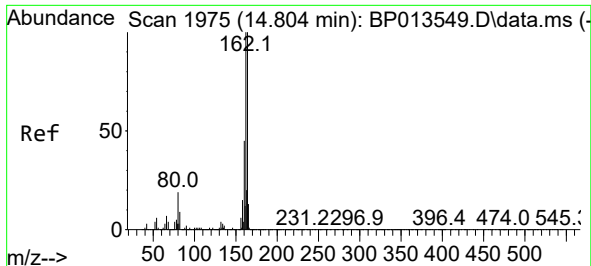
Tgt Ion: 82 Resp: 1539806
Ion Ratio Lower Upper
82 100
128 46.3 35.8 53.6
54 50.1 42.6 64.0



#32
Benzoic acid
Concen: 2.659 ng
RT: 10.169 min Scan# 1187
Delta R.T. -0.100 min
Lab File: BP013586.D
Acq: 24 Jan 2023 23:52

Tgt Ion:122 Resp: 5567
Ion Ratio Lower Upper
122 100
105 140.4 100.5 140.5
77 125.9 70.9 110.9#

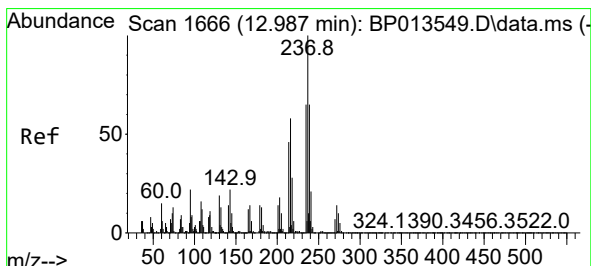
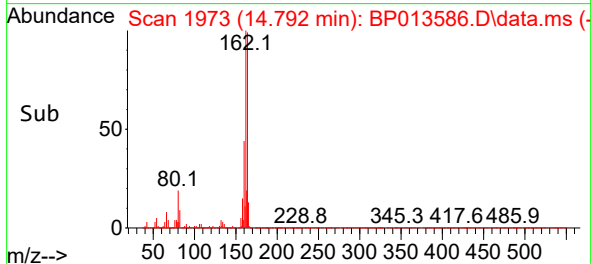
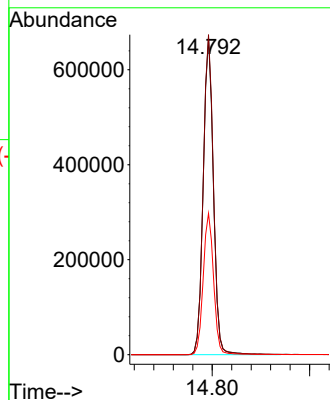
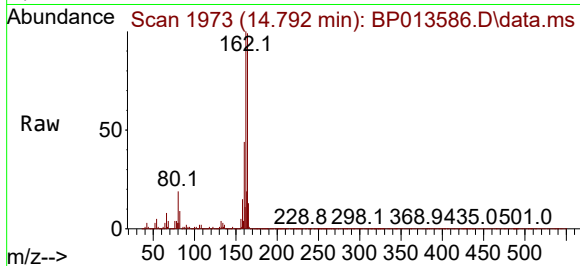




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.792 min Scan# 14
Delta R.T. -0.006 min
Lab File: BP013586.D
Acq: 24 Jan 2023 23:52

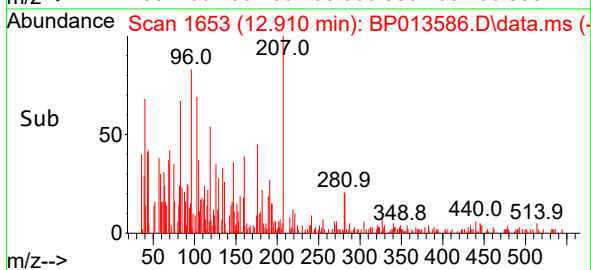
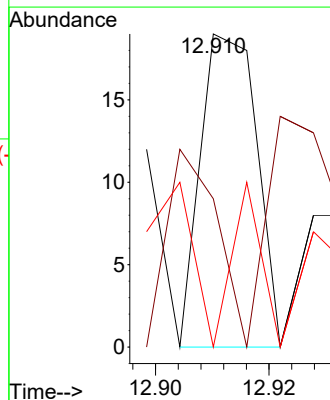
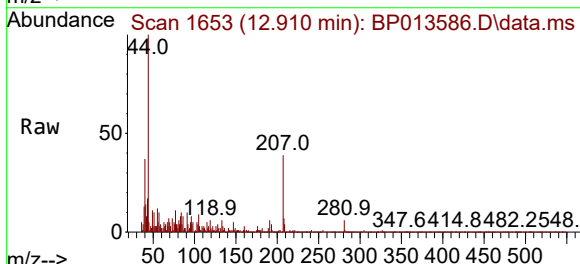
Instrument :
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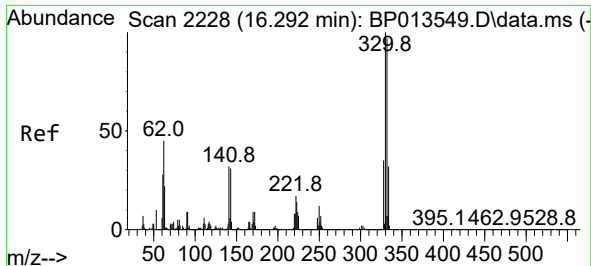
Tgt Ion:164 Resp: 968292
Ion Ratio Lower Upper
164 100
162 100.9 80.1 120.1
160 44.6 35.9 53.9



#41
Hexachlorocyclopentadiene
Concen: 3.904 ng
RT: 12.910 min Scan# 1653
Delta R.T. -0.071 min
Lab File: BP013586.D
Acq: 24 Jan 2023 23:52

Tgt Ion:237 Resp: 13
Ion Ratio Lower Upper
237 100
235 47.4 44.6 84.6
272 0.0 0.0 33.9

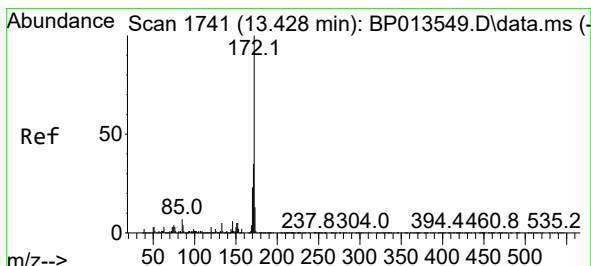
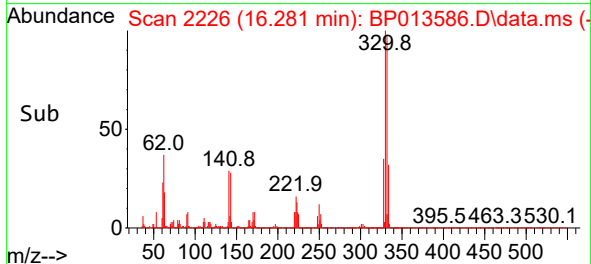
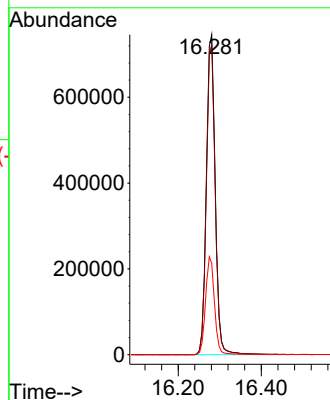
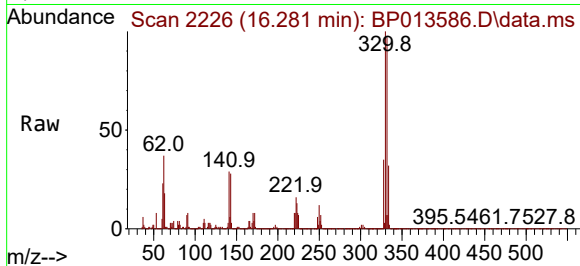




#42
2,4,6-Tribromophenol
Concen: 114.310 ng
RT: 16.281 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP013586.D
Acq: 24 Jan 2023 23:52

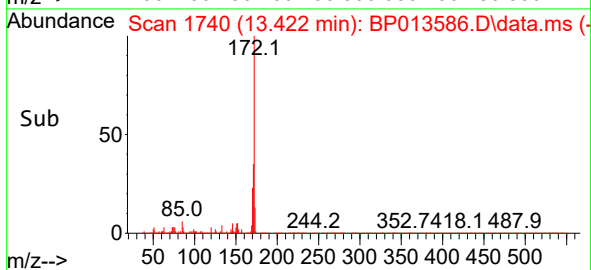
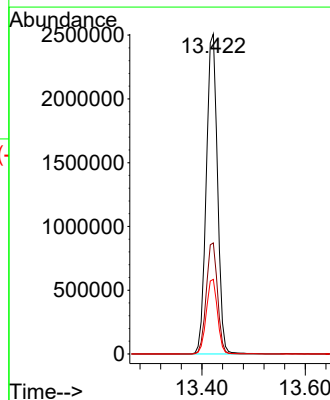
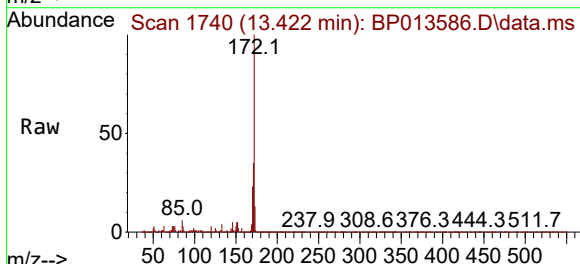
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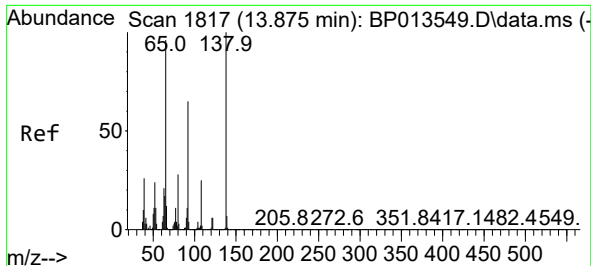
Tgt Ion:330 Resp: 1110224
Ion Ratio Lower Upper
330 100
332 96.5 77.4 116.2
141 30.7 27.6 41.4



#45
2-Fluorobiphenyl
Concen: 53.436 ng
RT: 13.422 min Scan# 1740
Delta R.T. -0.006 min
Lab File: BP013586.D
Acq: 24 Jan 2023 23:52

Tgt Ion:172 Resp: 3769481
Ion Ratio Lower Upper
172 100
171 34.7 27.8 41.8
170 23.3 18.6 27.8

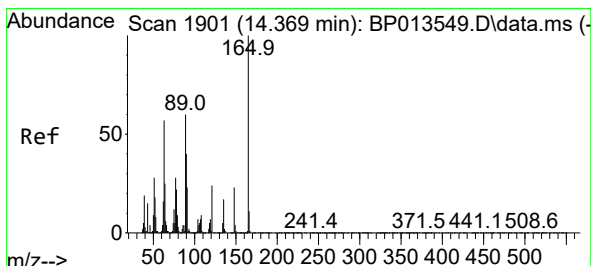
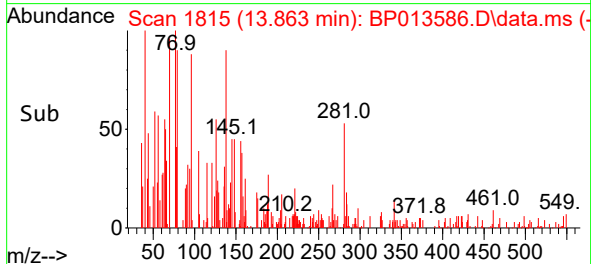
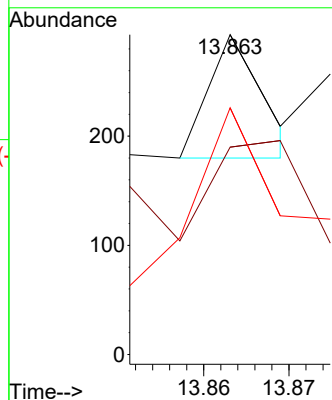
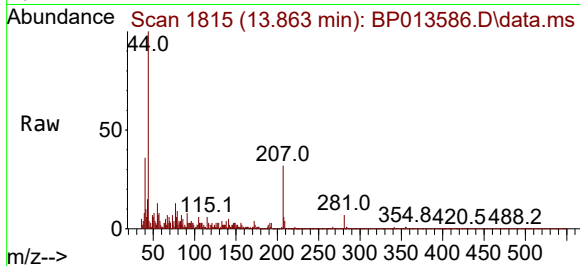




#48
2-Nitroaniline
Concen: 6.221 ng
RT: 13.863 min Scan# 1815
Delta R.T. -0.012 min
Lab File: BP013586.D
Acq: 24 Jan 2023 23:52

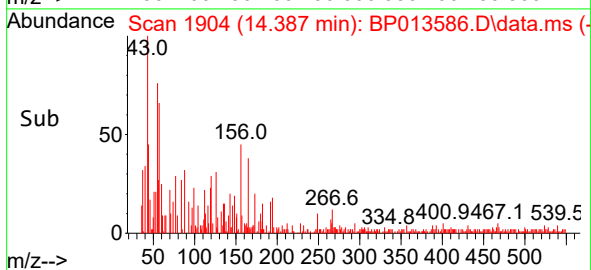
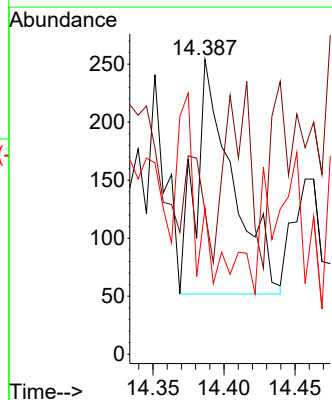
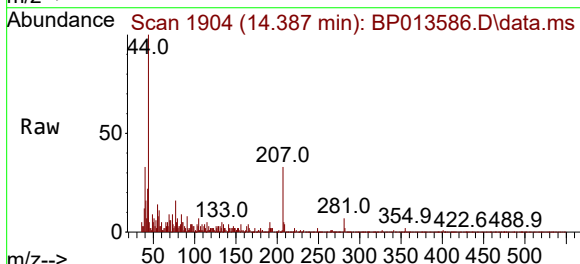
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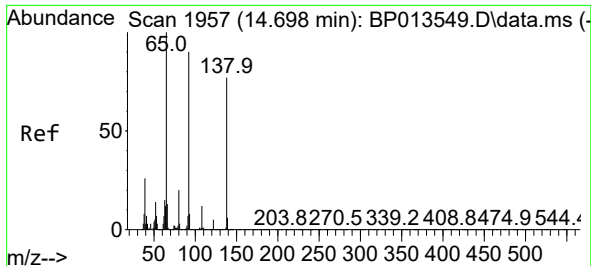
Tgt Ion: 65 Resp: 50
Ion Ratio Lower Upper
65 100
92 64.8 54.1 81.1
138 79.5 83.6 125.4#



#51
2,6-Dinitrotoluene
Concen: 5.187 ng
RT: 14.387 min Scan# 1904
Delta R.T. 0.023 min
Lab File: BP013586.D
Acq: 24 Jan 2023 23:52

Tgt Ion: 165 Resp: 361
Ion Ratio Lower Upper
165 100
63 48.4 47.2 70.8
89 49.6 47.8 71.6

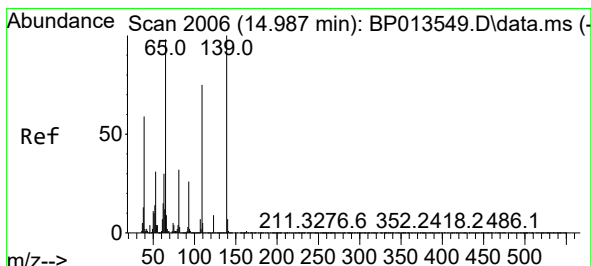
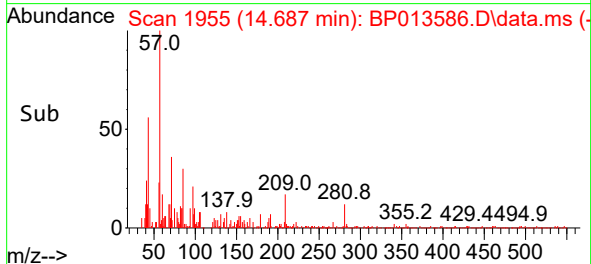
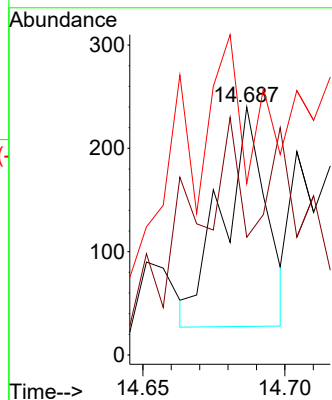
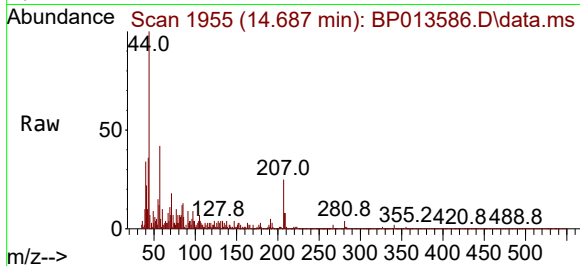




#53
3-Nitroaniline
Concen: 5.420 ng
RT: 14.687 min Scan# 1957
Delta R.T. -0.006 min
Lab File: BP013586.D
Acq: 24 Jan 2023 23:52

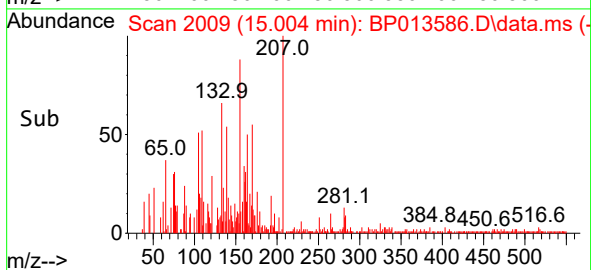
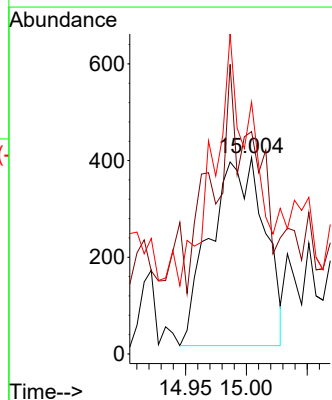
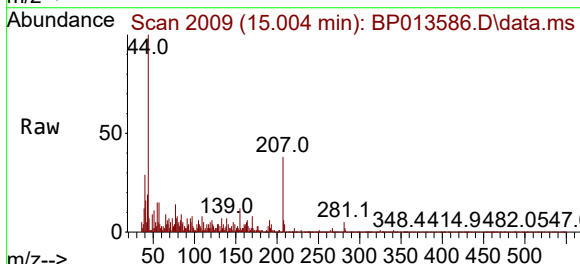
Instrument :
BNA_P
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B-P-18A

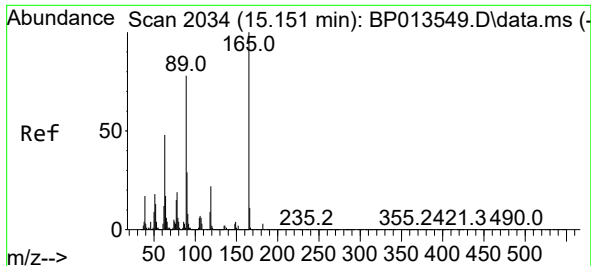
Tgt Ion:138 Resp: 226
Ion Ratio Lower Upper
138 100
108 47.5 12.8 19.2#
92 69.2 93.3 139.9#



#56
4-Nitrophenol
Concen: 5.284 ng
RT: 15.004 min Scan# 2009
Delta R.T. 0.023 min
Lab File: BP013586.D
Acq: 24 Jan 2023 23:52

Tgt Ion:139 Resp: 1198
Ion Ratio Lower Upper
139 100
109 113.3 55.0 95.0#
65 128.3 77.7 117.7#

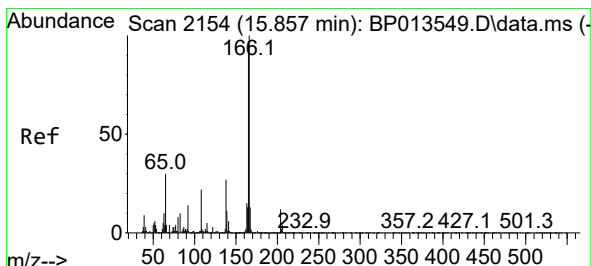
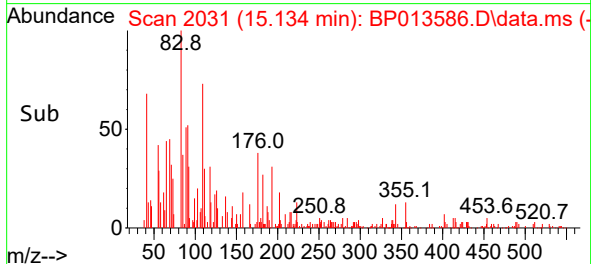
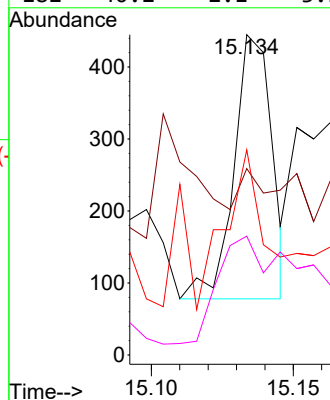
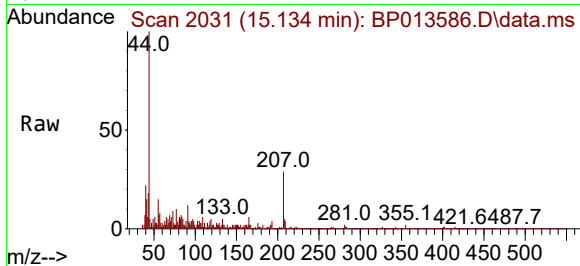




#57
2,4-Dinitrotoluene
Concen: 5.212 ng
RT: 15.134 min Scan# 2034
Delta R.T. -0.012 min
Lab File: BP013586.D
Acq: 24 Jan 2023 23:52

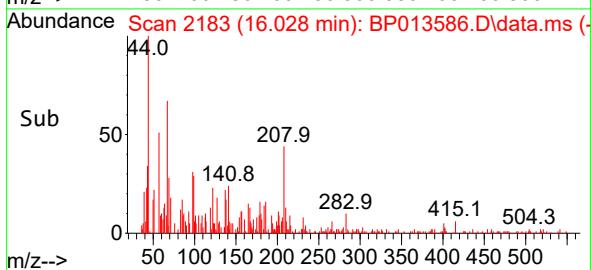
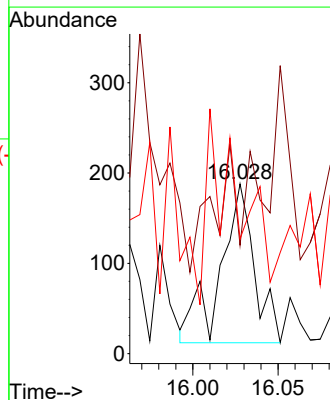
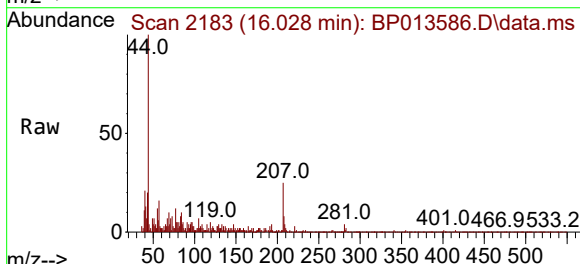
Instrument :
BNA_P
ClientSampleId :
B-P-18A

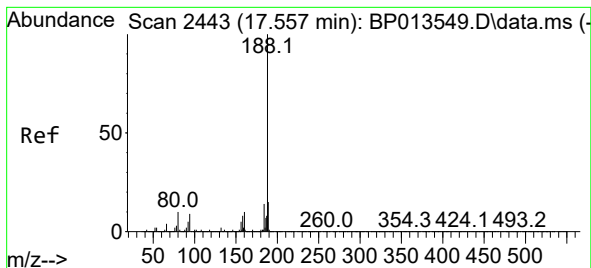
Tgt Ion:165 Resp: 344
Ion Ratio Lower Upper
165 100
63 58.2 38.3 57.5#
89 64.0 62.1 93.1
182 40.2 2.1 3.1#



#62
4-Nitroaniline
Concen: 3.678 ng
RT: 16.028 min Scan# 2183
Delta R.T. 0.170 min
Lab File: BP013586.D
Acq: 24 Jan 2023 23:52

Tgt Ion:138 Resp: 244
Ion Ratio Lower Upper
138 100
92 63.8 32.3 72.3
108 67.6 59.2 99.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.545 min Scan# 2443

Delta R.T. -0.006 min

Lab File: BP013586.D

Acq: 24 Jan 2023 23:52

Instrument :

BNA_P

ClientSampleId :

B-P-18A

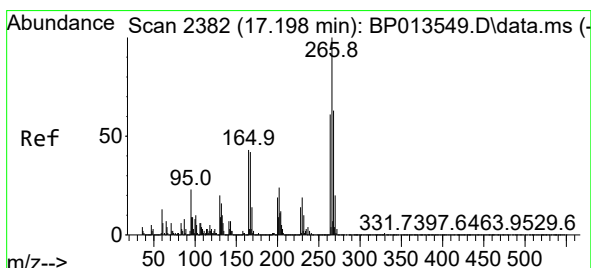
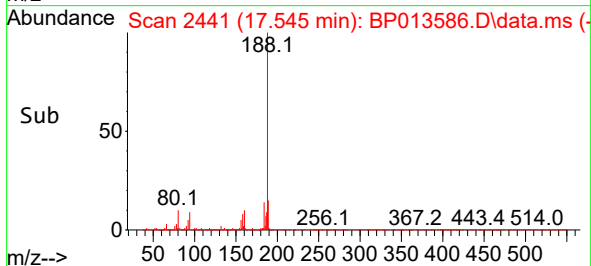
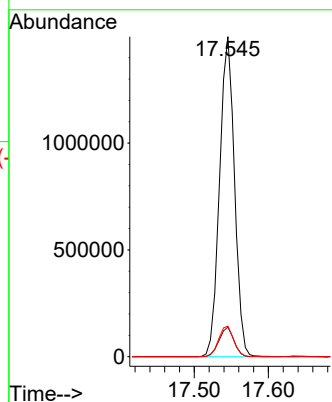
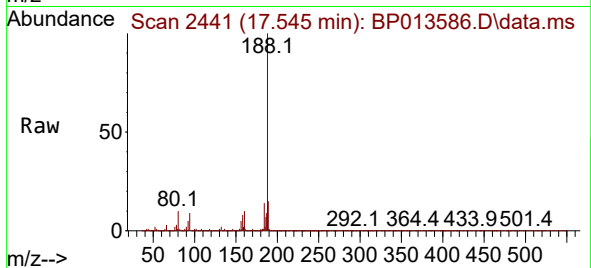
Tgt Ion:188 Resp: 2094748

Ion Ratio Lower Upper

188 100

94 9.2 7.2 10.8

80 9.5 8.2 12.2



#70

Pentachlorophenol

Concen: 5.352 ng

RT: 17.186 min Scan# 2380

Delta R.T. -0.006 min

Lab File: BP013586.D

Acq: 24 Jan 2023 23:52

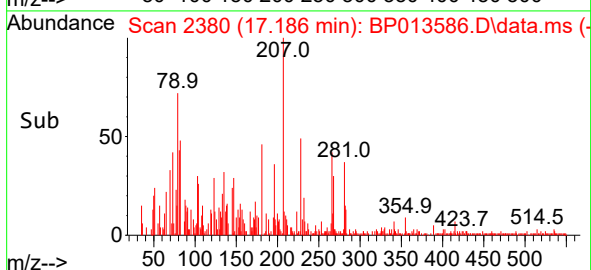
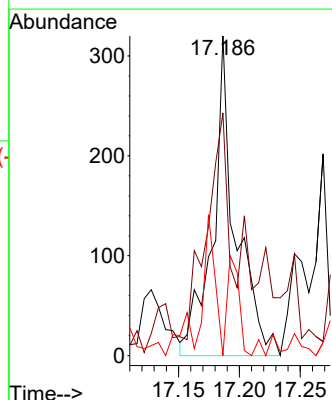
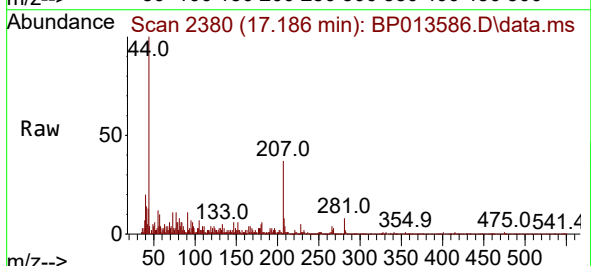
Tgt Ion:266 Resp: 413

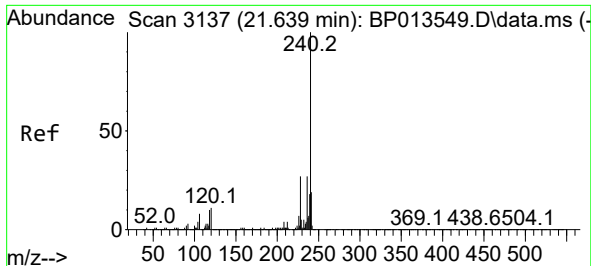
Ion Ratio Lower Upper

266 100

268 75.9 50.7 76.1

264 0.0 48.9 73.3#

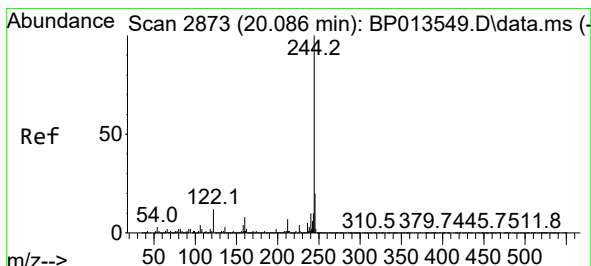
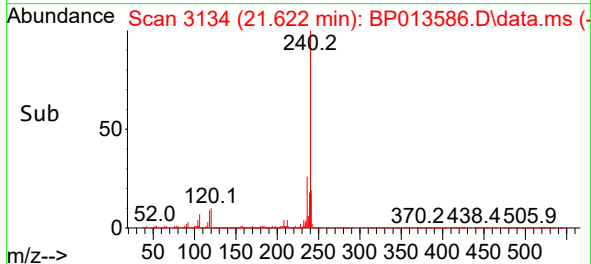
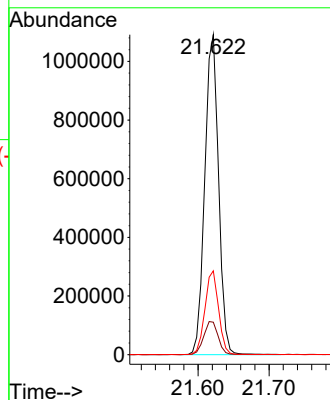
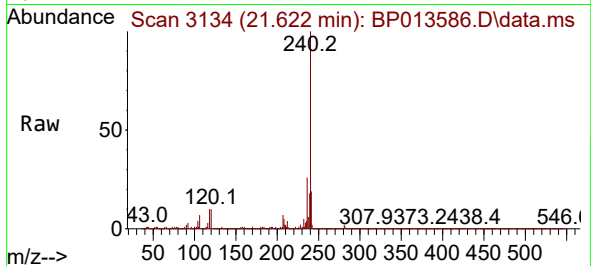




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.622 min Scan# 3137
Delta R.T. -0.006 min
Lab File: BP013586.D
Acq: 24 Jan 2023 23:52

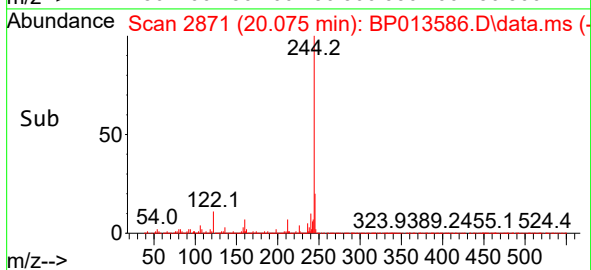
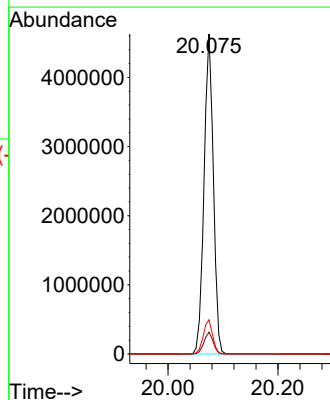
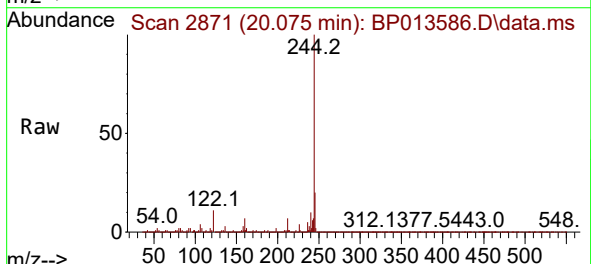
Instrument :
BNA_P
ClientSampleId :
B-P-18A

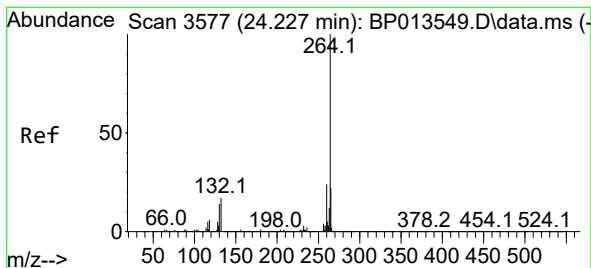
Tgt Ion:240 Resp: 1475318
Ion Ratio Lower Upper
240 100
120 10.1 8.6 13.0
236 26.2 21.3 31.9



#79
Terphenyl-d14
Concen: 66.300 ng
RT: 20.075 min Scan# 2871
Delta R.T. -0.006 min
Lab File: BP013586.D
Acq: 24 Jan 2023 23:52

Tgt Ion:244 Resp: 5437131
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.2
122 10.7 9.2 13.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.204 min Scan# 3

Delta R.T. -0.012 min

Lab File: BP013586.D

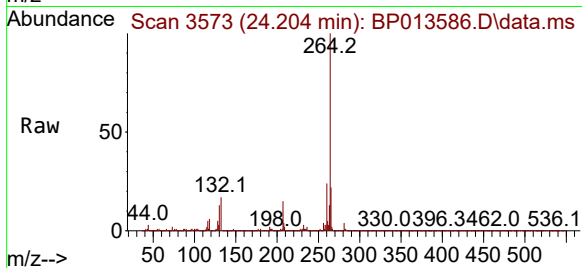
Acq: 24 Jan 2023 23:52

Instrument :

BNA_P

ClientSampleId :

B-P-18A



Tgt Ion:264 Resp: 1445620

Ion Ratio Lower Upper

264 100

260 23.8 18.8 28.2

265 22.2 17.4 26.2

