

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012423\
 Data File : BP013569.D
 Acq On : 24 Jan 2023 14:00
 Operator : CG/JU
 Sample : 01214-19
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TJRC-011823-GW-DUP

Quant Time: Jan 25 03:47:44 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)

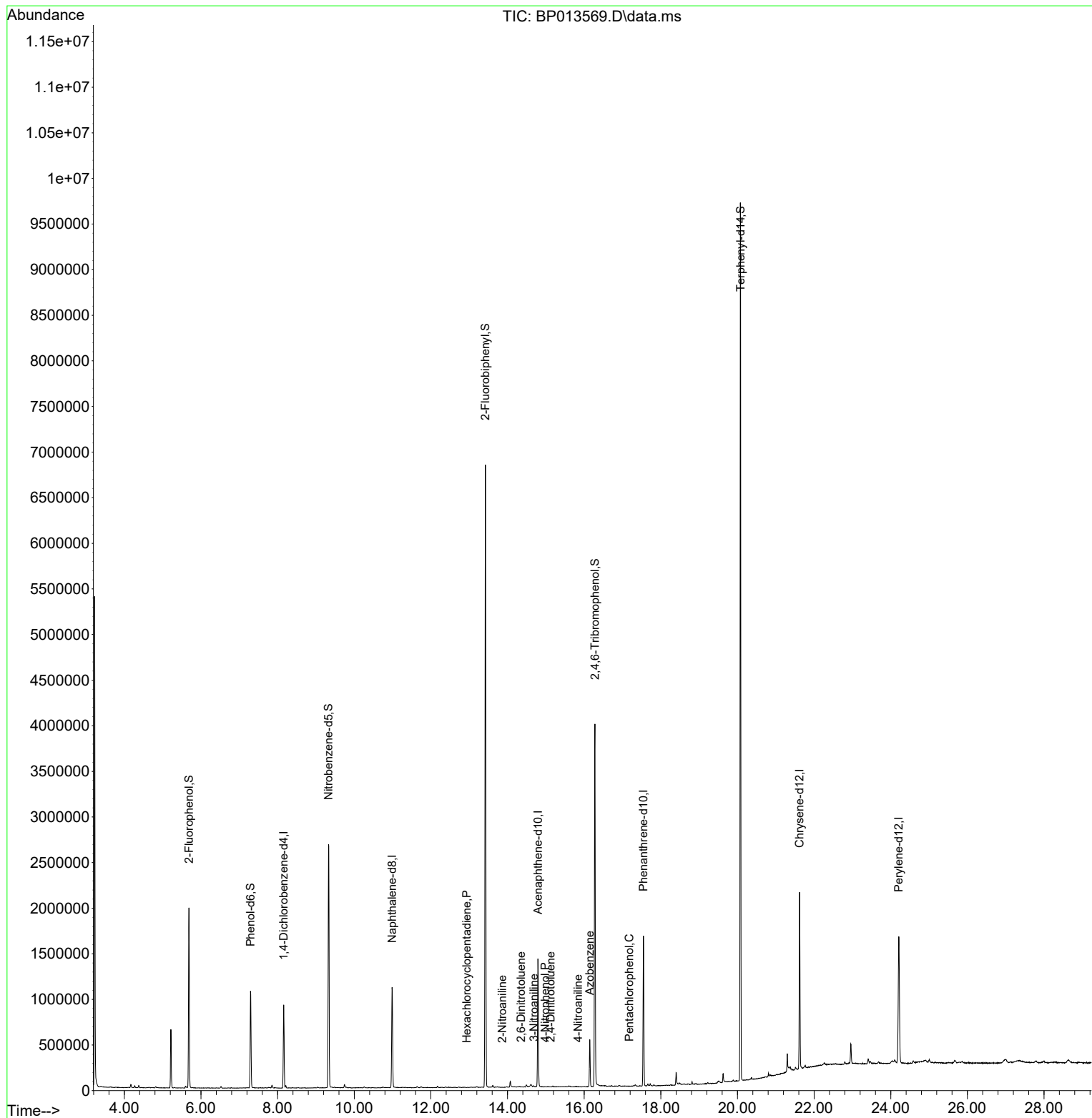
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.158	152	251143	20.000	ng	0.00
21) Naphthalene-d8	10.987	136	941977	20.000	ng	0.00
39) Acenaphthene-d10	14.793	164	487980	20.000	ng	0.00
64) Phenanthrene-d10	17.545	188	956550	20.000	ng	0.00
76) Chrysene-d12	21.622	240	918284	20.000	ng	0.00
86) Perylene-d12	24.210	264	1124624	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	840798	57.361	ng	0.00
7) Phenol-d6	7.293	99	609620	30.902	ng	0.00
23) Nitrobenzene-d5	9.328	82	1501130	105.204	ng	0.00
42) 2,4,6-Tribromophenol	16.281	330	747316	152.680	ng	0.00
45) 2-Fluorobiphenyl	13.422	172	3420873	96.227	ng	0.00
79) Terphenyl-d14	20.080	244	4509962	88.354	ng	0.00
Target Compounds						
						Qvalue
41) Hexachlorocyclopentadiene	12.934	237	28	3.907	ng	78
48) 2-Nitroaniline	13.863	65	174	6.238	ng	# 28
51) 2,6-Dinitrotoluene	14.357	165	126	5.180	ng	94
53) 3-Nitroaniline	14.687	138	159	5.425	ng	# 51
54) 2,4-Dinitrophenol	14.875	184	14	Below Cal		# 1
56) 4-Nitrophenol	14.981	139	446	5.260	ng	# 28
57) 2,4-Dinitrotoluene	15.128	165	292	5.225	ng	# 83
62) 4-Nitroaniline	15.840	138	278	3.696	ng	# 38
63) Azobenzene	16.145	77	141493	4.110	ng	# 1
70) Pentachlorophenol	17.175	266	52	5.335	ng	# 59

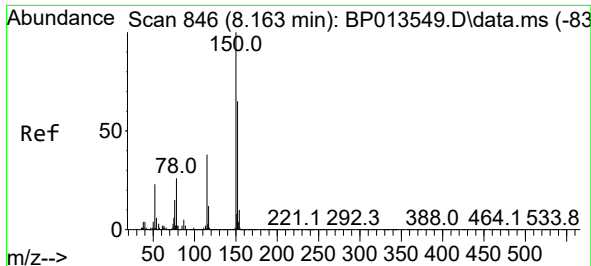
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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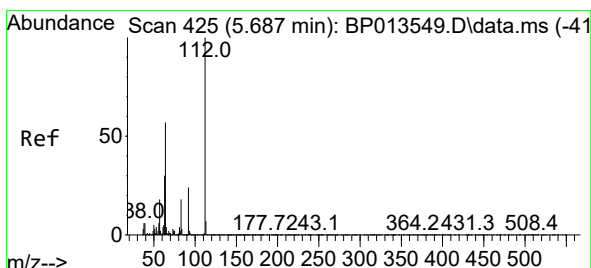
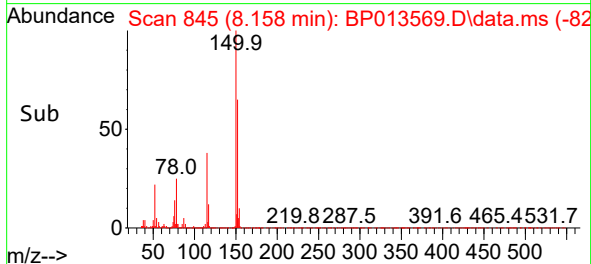
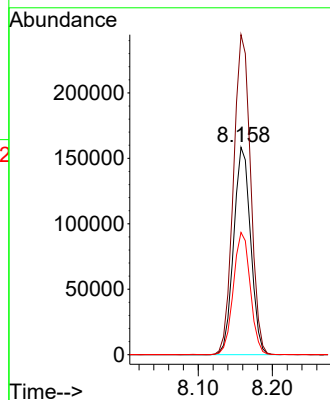
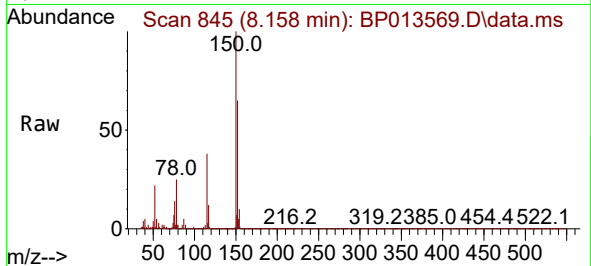




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.158 min Scan# 846
Delta R.T. -0.006 min
Lab File: BP013569.D
Acq: 24 Jan 2023 14:00

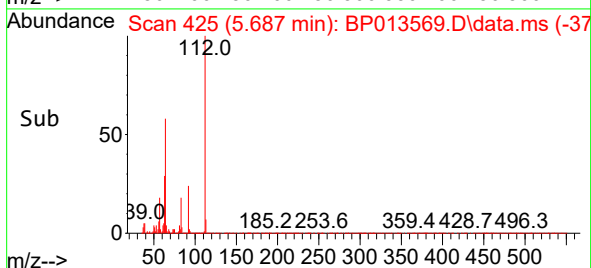
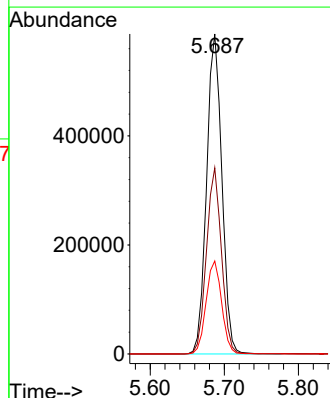
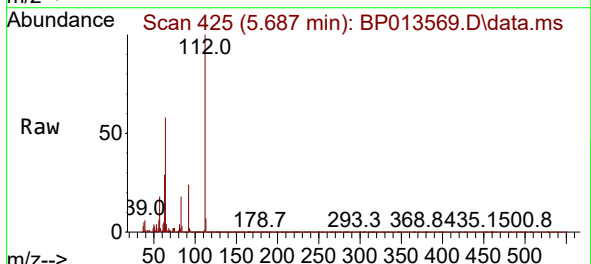
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BNA_P
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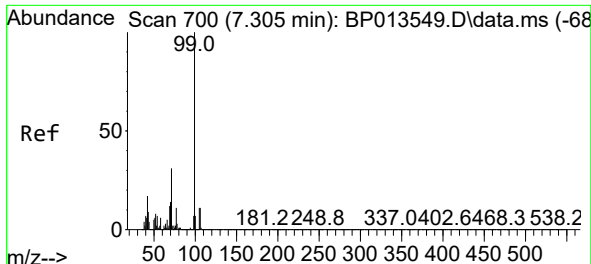
Tgt Ion:152 Resp: 251143
Ion Ratio Lower Upper
152 100
150 154.3 122.4 183.6
115 58.9 46.1 69.1



#5
2-Fluorophenol
Concen: 57.361 ng
RT: 5.687 min Scan# 425
Delta R.T. -0.000 min
Lab File: BP013569.D
Acq: 24 Jan 2023 14:00

Tgt Ion:112 Resp: 840798
Ion Ratio Lower Upper
112 100
64 58.1 45.4 68.0
63 29.0 24.1 36.1

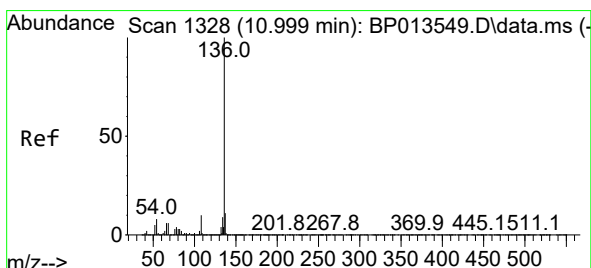
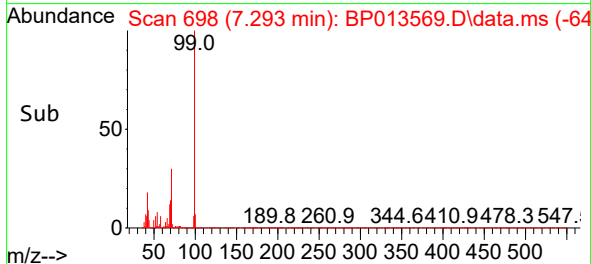
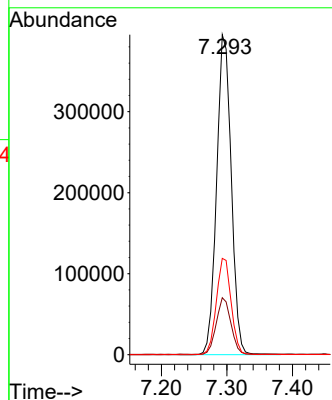
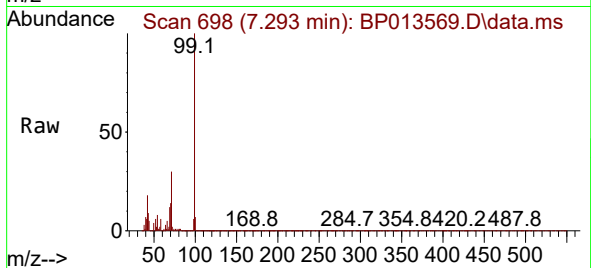




#7
Phenol-d6
Concen: 30.902 ng
RT: 7.293 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP013569.D
Acq: 24 Jan 2023 14:00

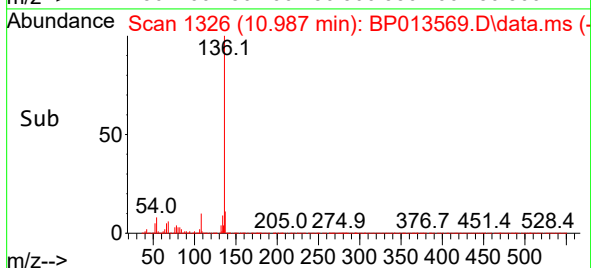
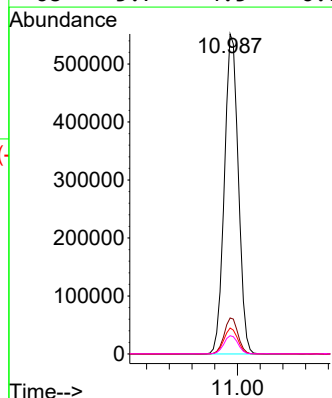
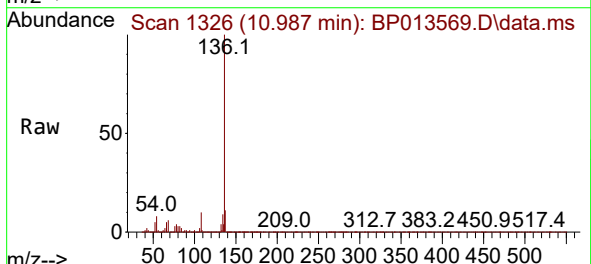
Instrument :
BNA_P
ClientSampleId :
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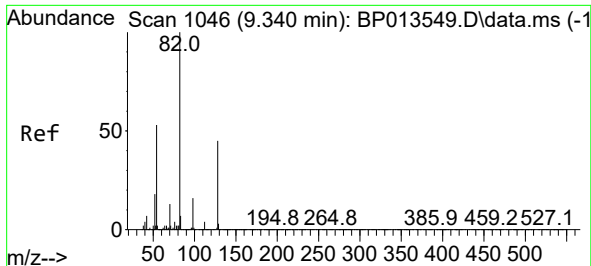
Tgt Ion: 99 Resp: 609620
Ion Ratio Lower Upper
99 100
42 17.8 14.0 21.0
71 30.1 24.7 37.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.987 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BP013569.D
Acq: 24 Jan 2023 14:00

Tgt Ion: 136 Resp: 941977
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 8.1 6.6 9.8
68 5.7 4.5 6.7

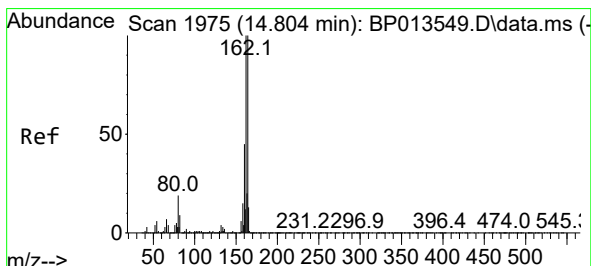
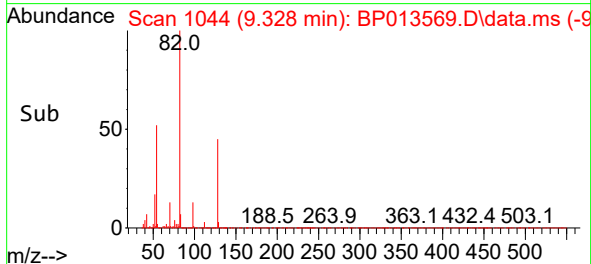
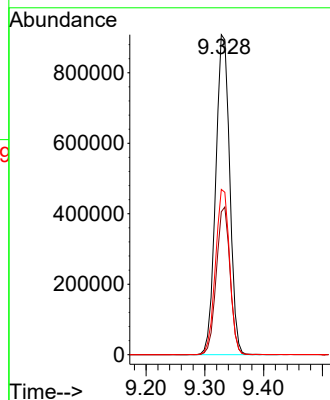
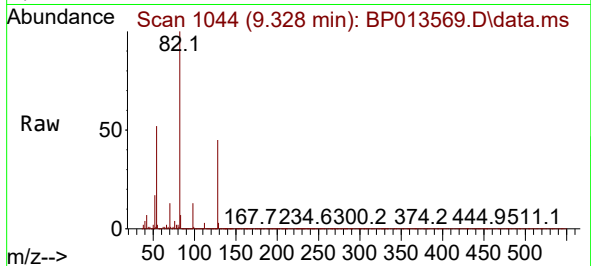




#23
Nitrobenzene-d5
Concen: 105.204 ng
RT: 9.328 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BP013569.D
Acq: 24 Jan 2023 14:00

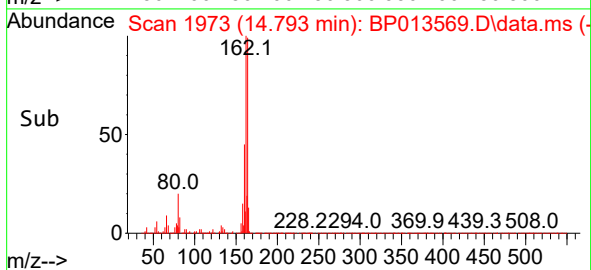
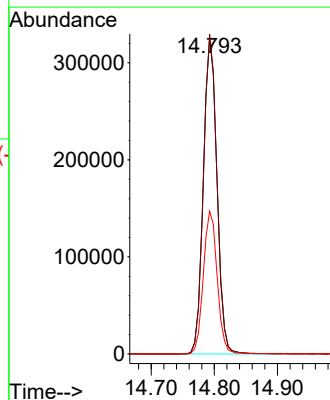
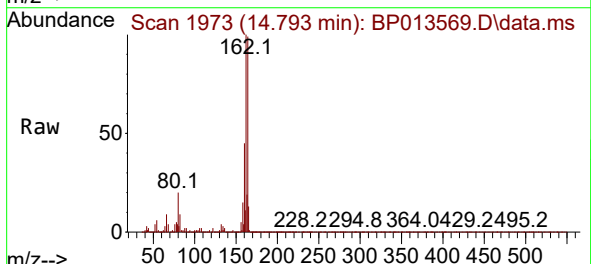
Instrument :
BNA_P
ClientSampleId :
TJRC-011823-GW-DUP

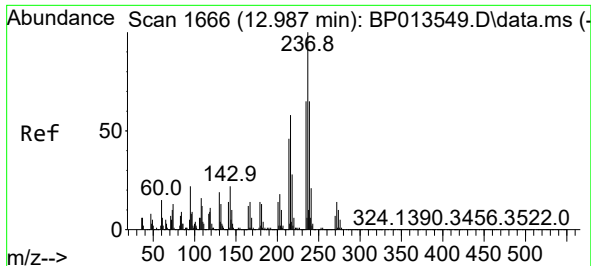
Tgt Ion: 82 Resp: 1501130
Ion Ratio Lower Upper
82 100
128 44.7 35.8 53.6
54 51.6 42.6 64.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.793 min Scan# 1973
Delta R.T. -0.006 min
Lab File: BP013569.D
Acq: 24 Jan 2023 14:00

Tgt Ion: 164 Resp: 487980
Ion Ratio Lower Upper
164 100
162 101.3 80.1 120.1
160 45.2 35.9 53.9

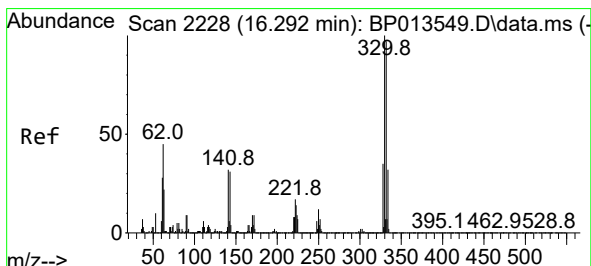
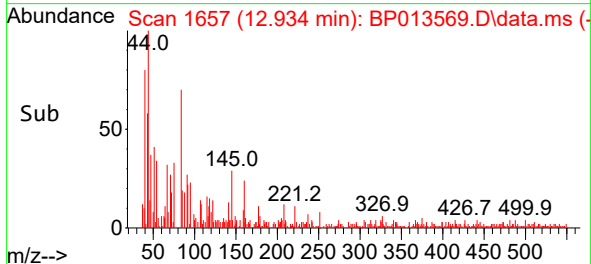
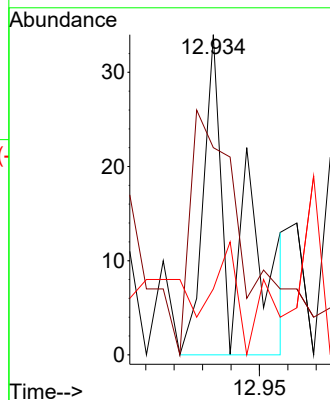
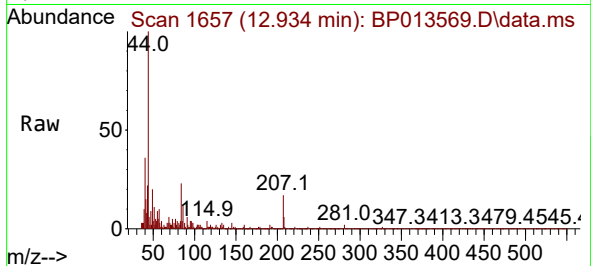




#41
Hexachlorocyclopentadiene
Concen: 3.907 ng
RT: 12.934 min Scan# 1657
Delta R.T. -0.047 min
Lab File: BP013569.D
Acq: 24 Jan 2023 14:00

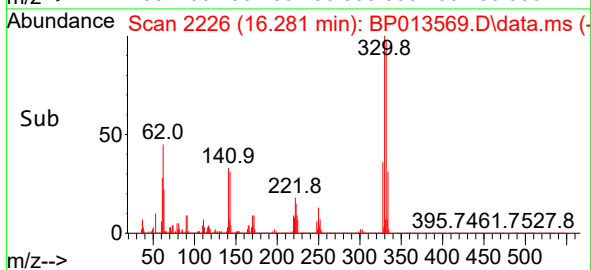
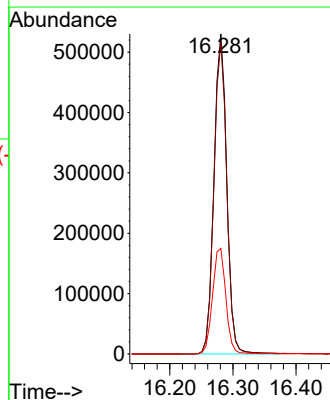
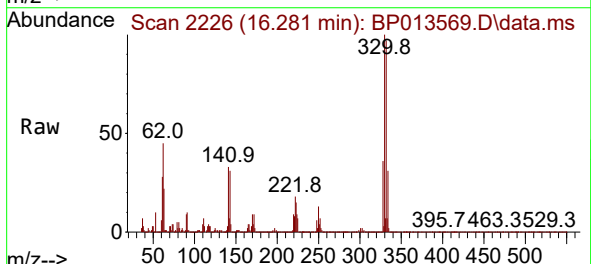
Instrument :
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ClientSampleId :
TJRC-011823-GW-DUP

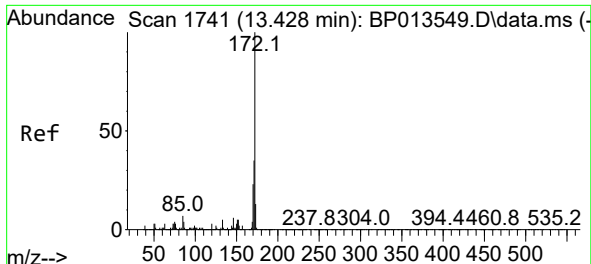
Tgt Ion:	237	Resp:	28
Ion	Ratio	Lower	Upper
237	100		
235	82.4	44.6	84.6
272	20.6	0.0	33.9



#42
2,4,6-Tribromophenol
Concen: 152.680 ng
RT: 16.281 min Scan# 2226
Delta R.T. -0.006 min
Lab File: BP013569.D
Acq: 24 Jan 2023 14:00

Tgt Ion:	330	Resp:	747316
Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.4	116.2
141	34.2	27.6	41.4

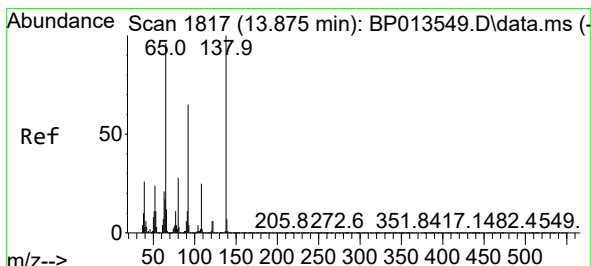
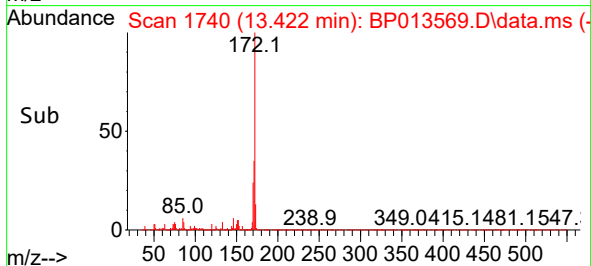
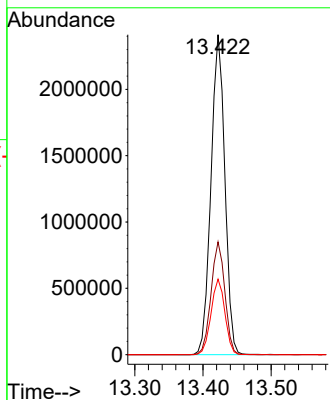
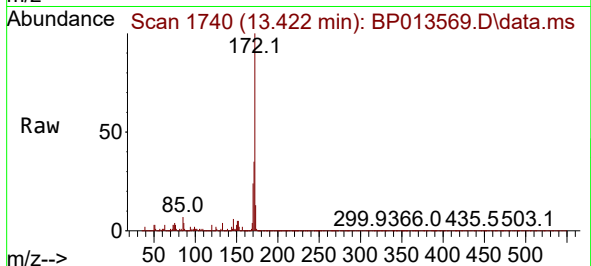




#45
2-Fluorobiphenyl
Concen: 96.227 ng
RT: 13.422 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP013569.D
Acq: 24 Jan 2023 14:00

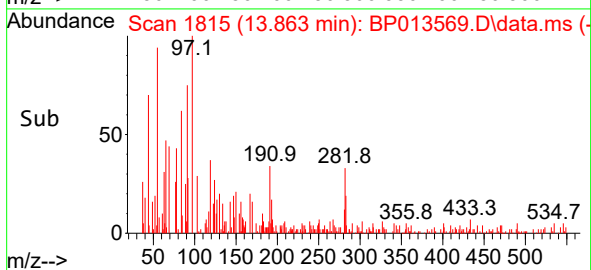
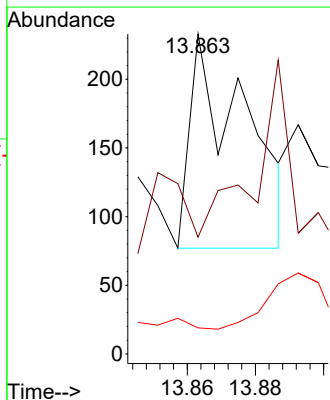
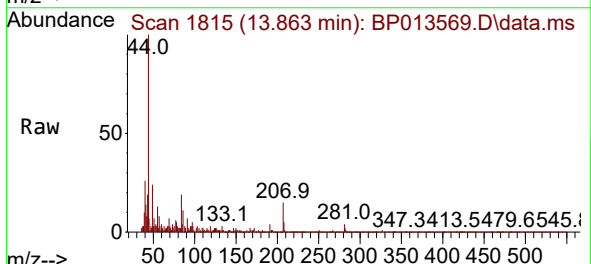
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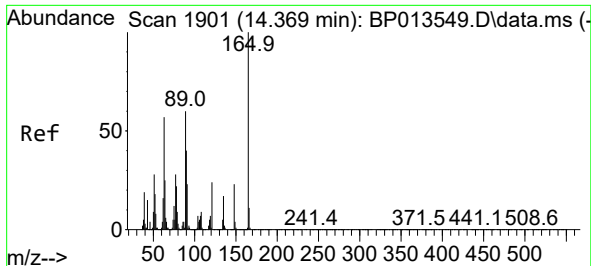
Tgt Ion:172 Resp: 3420873
Ion Ratio Lower Upper
172 100
171 35.2 27.8 41.8
170 23.6 18.6 27.8



#48
2-Nitroaniline
Concen: 6.238 ng
RT: 13.863 min Scan# 1815
Delta R.T. -0.012 min
Lab File: BP013569.D
Acq: 24 Jan 2023 14:00

Tgt Ion: 65 Resp: 174
Ion Ratio Lower Upper
65 100
92 36.5 54.1 81.1#
138 8.2 83.6 125.4#

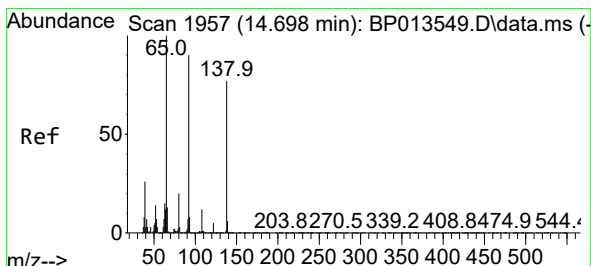
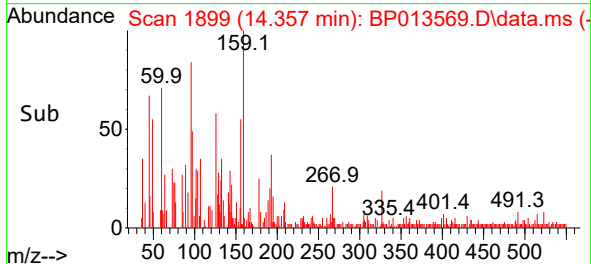
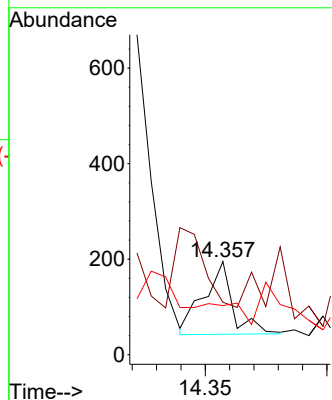
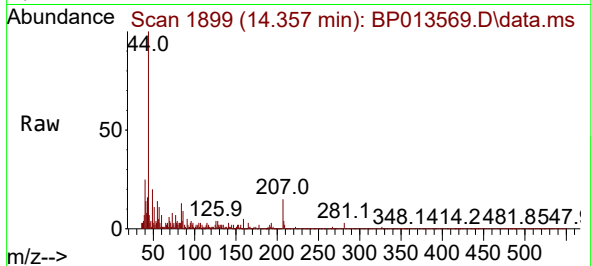




#51
2,6-Dinitrotoluene
Concen: 5.180 ng
RT: 14.357 min Scan# 1899
Delta R.T. -0.006 min
Lab File: BP013569.D
Acq: 24 Jan 2023 14:00

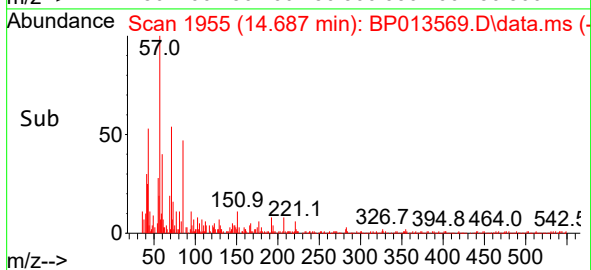
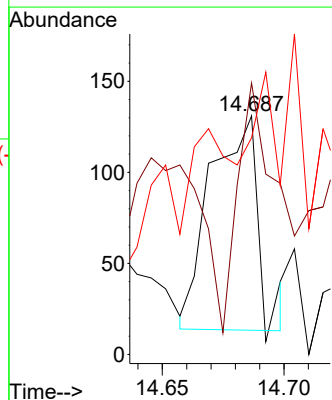
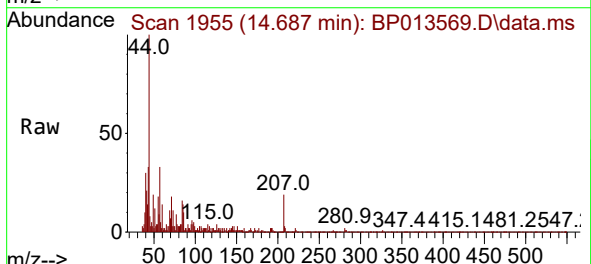
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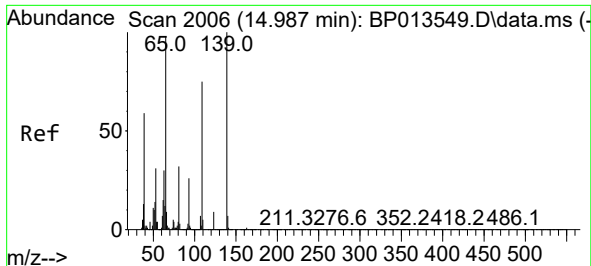
Tgt Ion:165 Resp: 126
Ion Ratio Lower Upper
165 100
63 56.4 47.2 70.8
89 52.8 47.8 71.6



#53
3-Nitroaniline
Concen: 5.425 ng
RT: 14.687 min Scan# 1955
Delta R.T. -0.006 min
Lab File: BP013569.D
Acq: 24 Jan 2023 14:00

Tgt Ion:138 Resp: 159
Ion Ratio Lower Upper
138 100
108 113.7 12.8 19.2#
92 90.8 93.3 139.9#

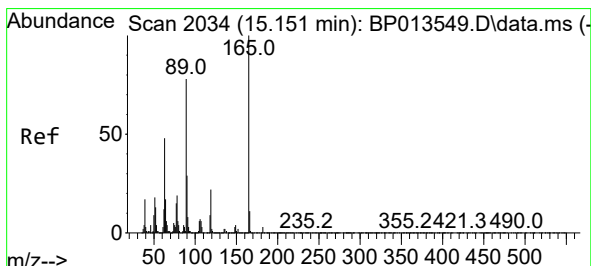
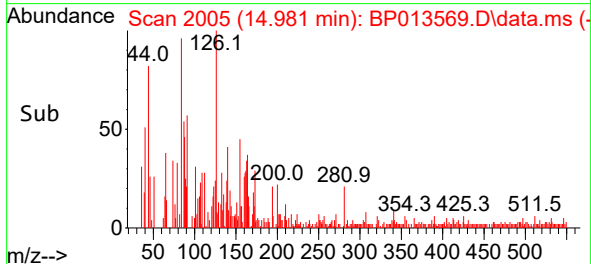
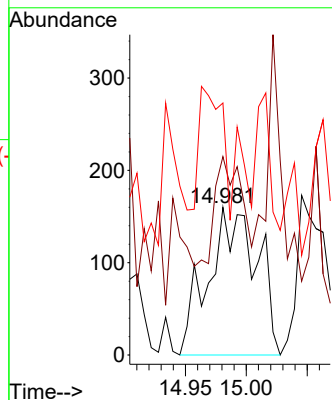
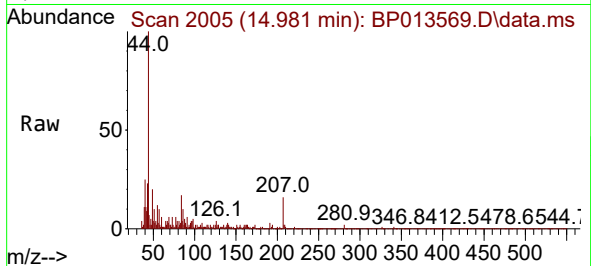




#56
4-Nitrophenol
Concen: 5.260 ng
RT: 14.981 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BP013569.D
Acq: 24 Jan 2023 14:00

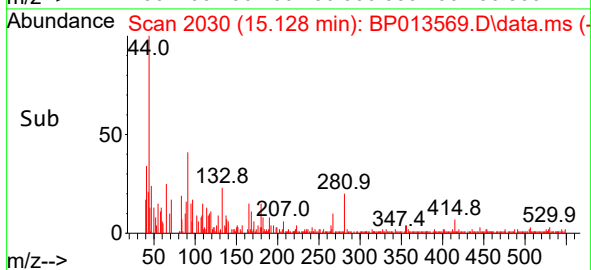
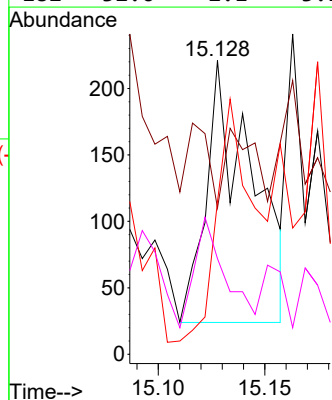
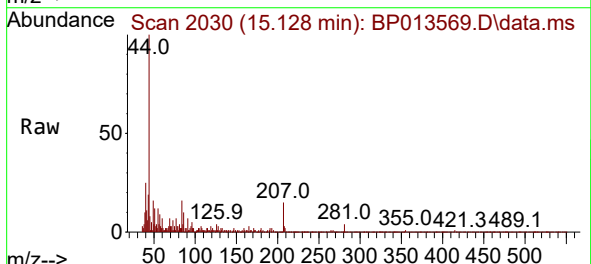
Instrument :
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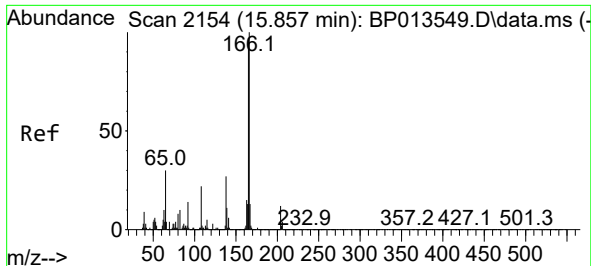
Tgt Ion:139 Resp: 446
Ion Ratio Lower Upper
139 100
109 134.4 55.0 95.0#
65 170.6 77.7 117.7#



#57
2,4-Dinitrotoluene
Concen: 5.225 ng
RT: 15.128 min Scan# 2030
Delta R.T. -0.018 min
Lab File: BP013569.D
Acq: 24 Jan 2023 14:00

Tgt Ion:165 Resp: 292
Ion Ratio Lower Upper
165 100
63 49.8 38.3 57.5
89 57.0 62.1 93.1#
182 32.6 2.1 3.1#

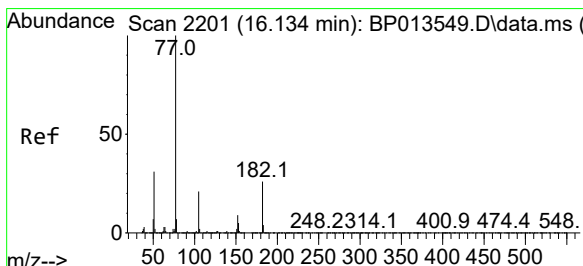
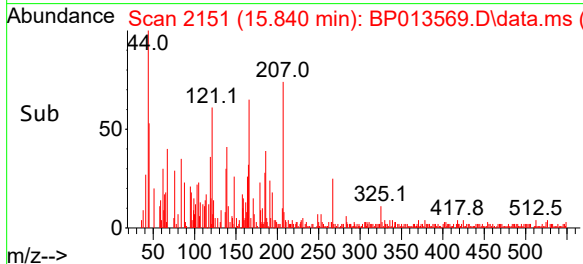
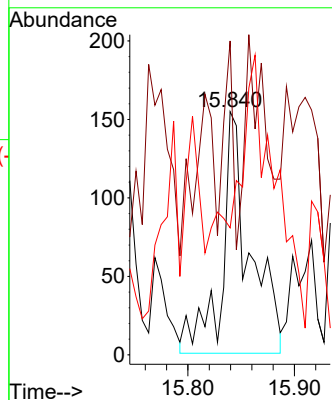
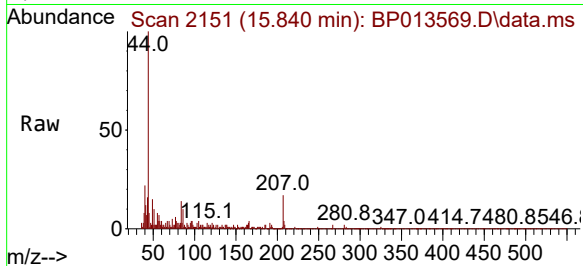




#62
4-Nitroaniline
Concen: 3.696 ng
RT: 15.840 min Scan# 2154
Delta R.T. -0.018 min
Lab File: BP013569.D
Acq: 24 Jan 2023 14:00

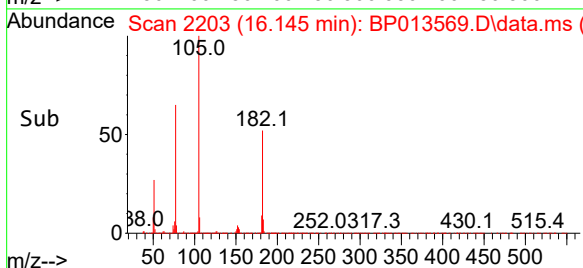
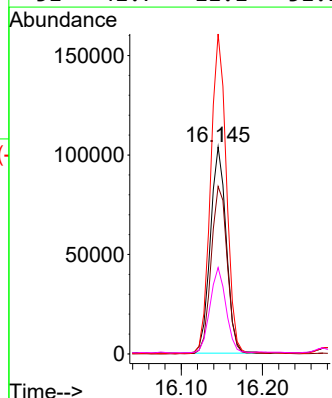
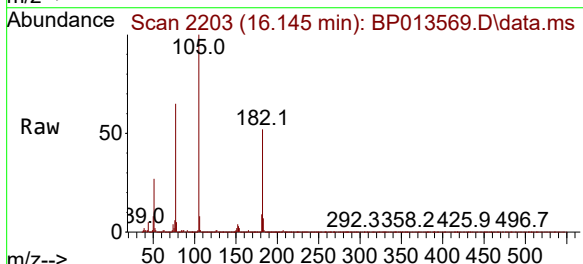
Instrument :
BNA_P
ClientSampleId :
TJRC-011823-GW-DUP

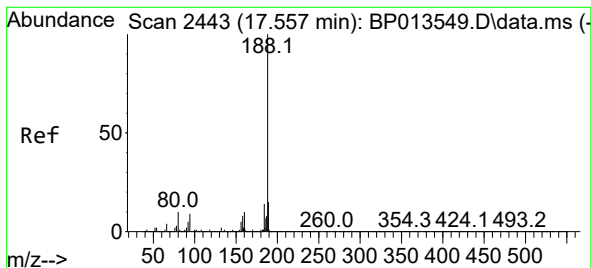
Tgt Ion:138 Resp: 278
Ion Ratio Lower Upper
138 100
92 129.0 32.3 72.3#
108 52.3 59.2 99.2#



#63
Azobenzene
Concen: 4.110 ng
RT: 16.145 min Scan# 2203
Delta R.T. 0.018 min
Lab File: BP013569.D
Acq: 24 Jan 2023 14:00

Tgt Ion: 77 Resp: 141493
Ion Ratio Lower Upper
77 100
182 80.9 5.5 45.5#
105 154.5 1.4 41.4#
51 41.7 11.1 51.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.545 min Scan# 2443

Delta R.T. -0.006 min

Lab File: BP013569.D

Acq: 24 Jan 2023 14:00

Instrument :

BNA_P

ClientSampleId :

TJRC-011823-GW-DUP

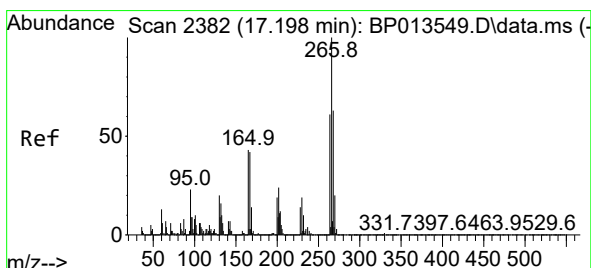
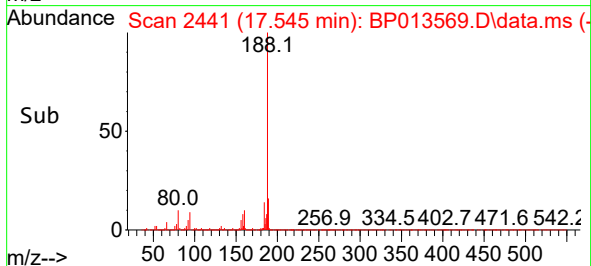
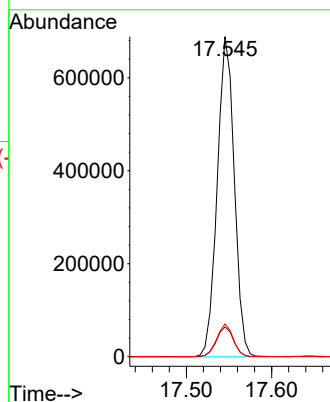
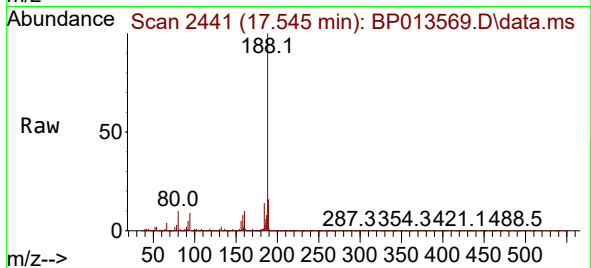
Tgt Ion:188 Resp: 956550

Ion Ratio Lower Upper

188 100

94 9.3 7.2 10.8

80 10.2 8.2 12.2



#70

Pentachlorophenol

Concen: 5.335 ng

RT: 17.175 min Scan# 2378

Delta R.T. -0.018 min

Lab File: BP013569.D

Acq: 24 Jan 2023 14:00

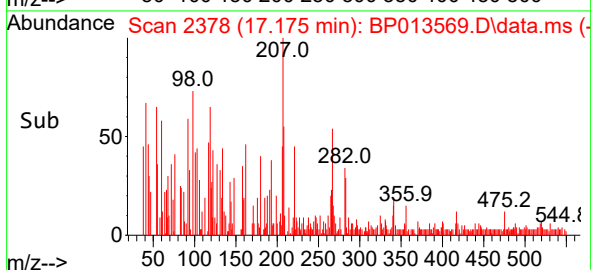
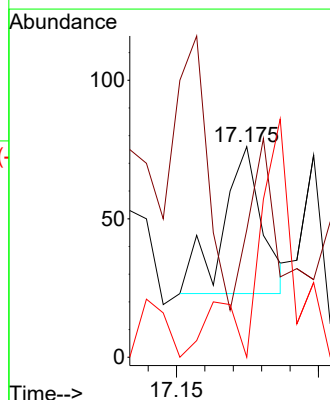
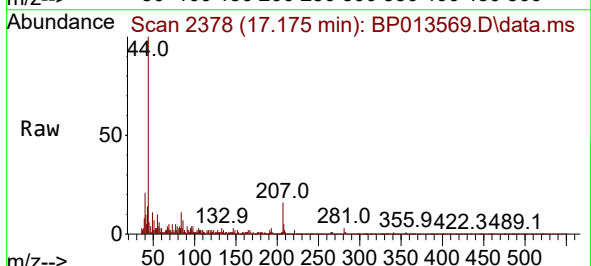
Tgt Ion:266 Resp: 52

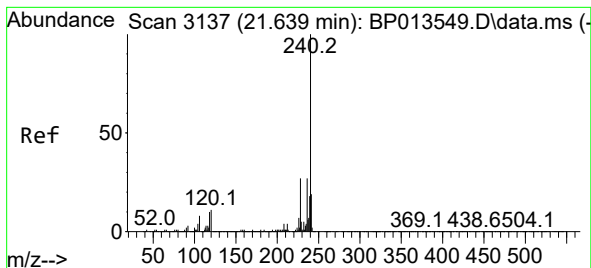
Ion Ratio Lower Upper

266 100

268 60.5 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: BP013569.D

Acq: 24 Jan 2023 14:00

Instrument :

BNA_P

ClientSampleId :

TJRC-011823-GW-DUP

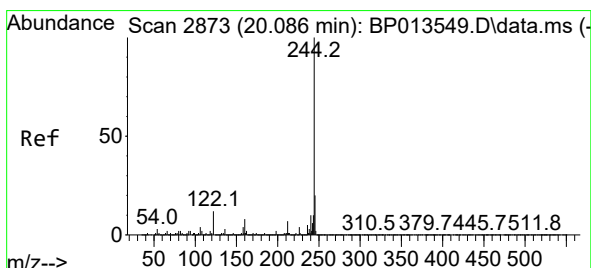
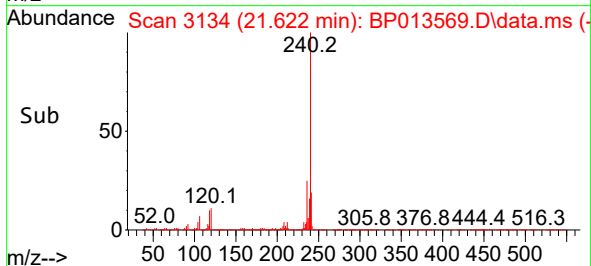
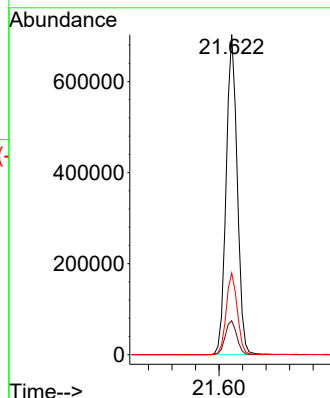
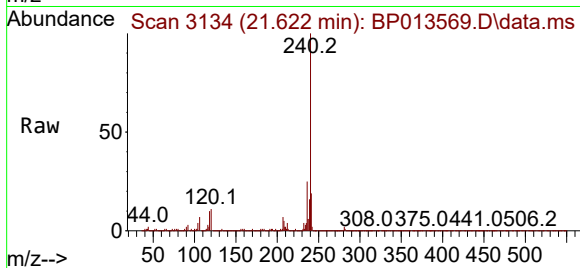
Tgt Ion:240 Resp: 918284

Ion Ratio Lower Upper

240 100

120 10.6 8.6 13.0

236 25.5 21.3 31.9



#79

Terphenyl-d14

Concen: 88.354 ng

RT: 20.080 min Scan# 2872

Delta R.T. -0.000 min

Lab File: BP013569.D

Acq: 24 Jan 2023 14:00

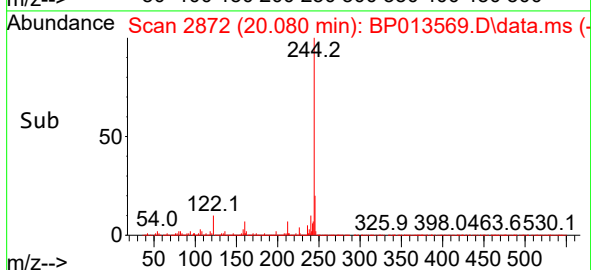
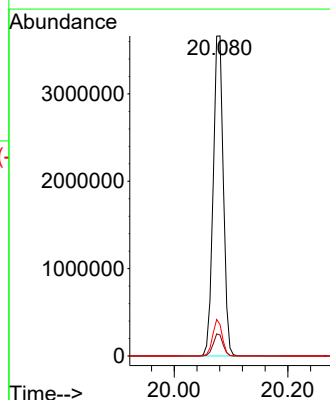
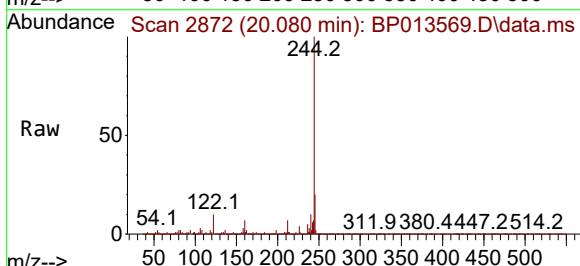
Tgt Ion:244 Resp: 4509962

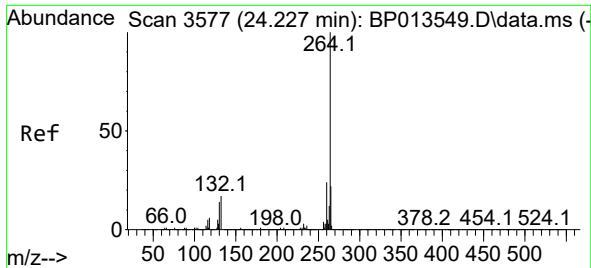
Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.2

122 9.8 9.2 13.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.210 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP013569.D
Acq: 24 Jan 2023 14:00

Instrument :
BNA_P
ClientSampleId :
TJRC-011823-GW-DUP

Tgt Ion:264 Resp: 1124624

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.8	28.2
265	21.9	17.4	26.2

