

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010424\
 Data File : BP019269.D
 Acq On : 04 Jan 2024 18:14
 Operator : MA/JU
 Sample : 05951-17
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 GCF81

Quant Time: Jan 04 23:54:05 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 29 03:48:11 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.799	152	201166	20.000	ng/ul	0.00
20) Naphthalene-d8	10.593	136	720939	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.445	164	390142	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.133	188	47944	20.000	ng/ul	#-0.07
79) Chrysene-d12	21.333	240	1048988	20.000	ng/ul	0.02
88) Perylene-d12	23.692	264	1076176	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	4333	0.736	ng/uL	0.00
4) Pyridine-d5	3.681	84	20041	1.356	ng/ul	0.03
7) Phenol-d5	6.993	99	84812	4.701	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.134	67	57032	5.465	ng/ul	0.00
11) 2-Chlorophenol-d4	7.334	132	71763	4.934	ng/ul	0.00
15) 4-Methylphenol-d8	8.534	113	25979	1.850	ng/ul	0.01
21) Nitrobenzene-d5	8.963	128	35382	5.677	ng/ul	0.00
24) 2-Nitrophenol-d4	9.687	143	40004	5.939	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.234	165	69713	5.126	ng/ul	0.00
31) 4-Chloroaniline-d4	10.757	131	152	0.009	ng/ul	0.01
46) Dimethylphthalate-d6	13.863	166	196275	5.696	ng/ul	0.00
49) Acenaphthylene-d8	14.139	160	206367	5.519	ng/ul	0.00
54) 4-Nitrophenol-d4	14.669	143	32896	5.653	ng/ul	0.00
60) Fluorene-d10	15.451	176	208636	7.008	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.504	200	7728	24.588	ng/ul	-0.07
73) Anthracene-d10	17.210	188	12538	5.008	ng/ul	-0.09
81) Pyrene-d10	19.569	212	760	0.012	ng/ul	0.02
92) Benzo(a)pyrene-d12	23.533	264	319405	5.163	ng/ul	0.02
Target Compounds						
					Qvalue	
16) Acetophenone	8.628	105	25431	1.209	ng/ul	99
36) 2-Methylnaphthalene	12.257	142	37343	1.274	ng/ul	89
37) 1-Methylnaphthalene	12.481	142	210992	7.139	ng/ul#	99
41) 2,4,6-Trichlorophenol	12.887	196	9752	1.017	ng/ul	86
50) Acenaphthylene	14.169	152	73529	1.748	ng/ul#	1
52) Acenaphthene	14.510	153	107354	3.765	ng/ul	86
55) 4-Nitrophenol	14.704	109	11861	2.550	ng/ul#	27
56) Dibenzofuran	14.851	168	300338	7.376	ng/ul#	36
57) 2,4-Dinitrotoluene	14.816	165	15666	1.704	ng/ul#	46
58) 2,3,4,6-Tetrachlorophenol	15.104	232	3009710	338.418	ng/ul#	99
61) Fluorene	15.510	166	359707	11.037	ng/ul#	73
63) 4-Nitroaniline	15.510	138	9439	1.535	ng/ul#	64
66) 4,6-Dinitro-2-methylph...	15.545	198	6610	19.863	ng/ul#	1
67) N-Nitrosodiphenylamine	15.628	169	672544	459.624	ng/ul#	86
70) Atrazine	16.622	200	4641	11.239	ng/ul#	1
71) Pentachlorophenol	16.922	266	11519248	26941.622	ng/ul	98
72) Phenanthrene	17.322	178	5467606	1881.812	ng/ul	96
74) Anthracene	17.322	178	5477909	1893.813	ng/ul	96
76) Pentachlorobenzene	14.781	250	14001	16.902	ng/uL	96
77) Carbazole	17.569	167	28542	11.863	ng/ul#	1
78) Di-n-butylphthalate	18.069	149	45254	15.166	ng/ul#	1
80) Fluoranthene	19.280	202	545954	7.442	ng/ul	96
82) Pyrene	19.633	202	1368991	17.812	ng/ul#	95
83) Butylbenzylphthalate	20.480	149	401906	14.639	ng/ul#	85

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 29 03:48:11 2023
Response via : Initial Calibration

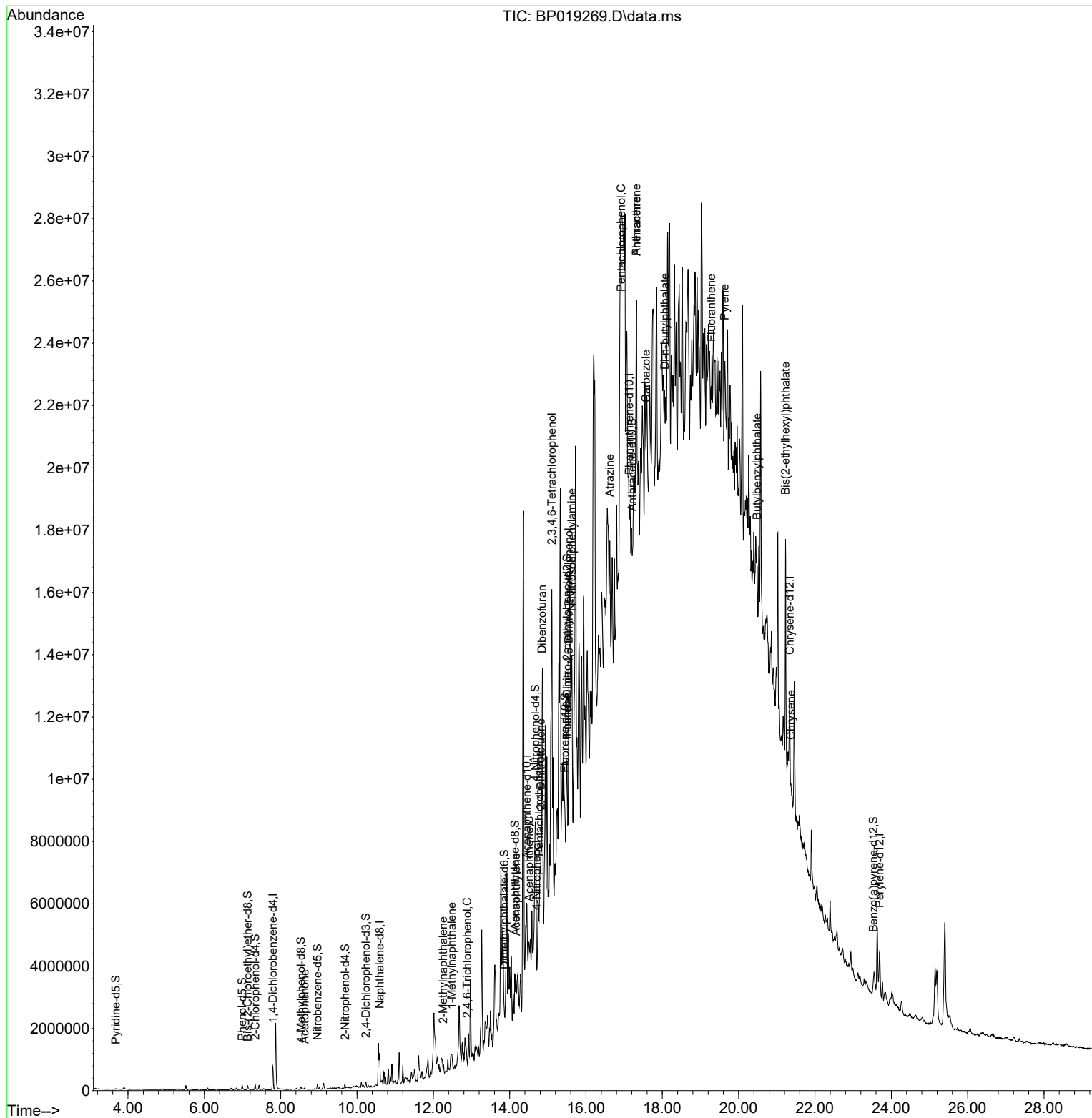
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) Bis(2-ethylhexyl)phtha...	21.227	149	3013756	74.548	ng/ul#	95
87) Chrysene	21.368	228	270838	3.504	ng/ul#	70

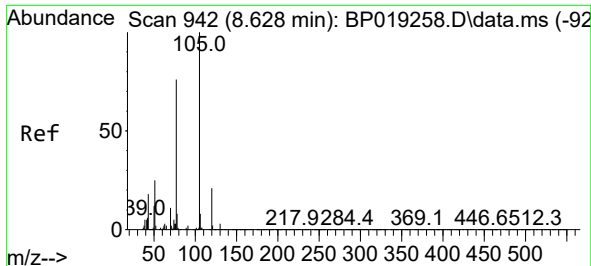
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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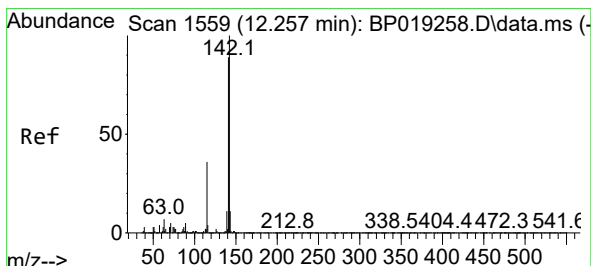
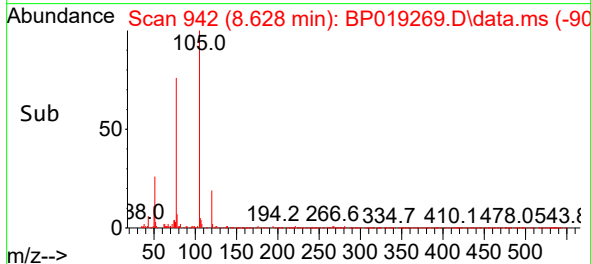
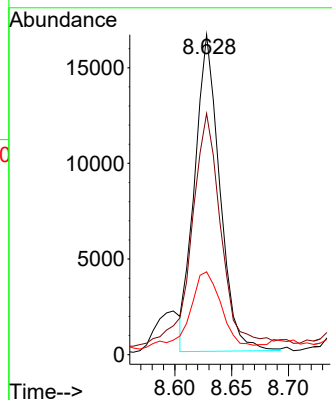
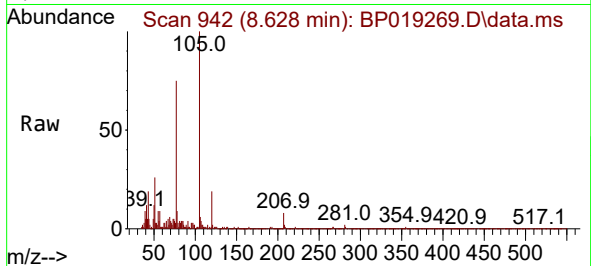




#16
Acetophenone
Concen: 1.209 ng/ul
RT: 8.628 min Scan# 942
Delta R.T. -0.006 min
Lab File: BP019269.D
Acq: 04 Jan 2024 18:14

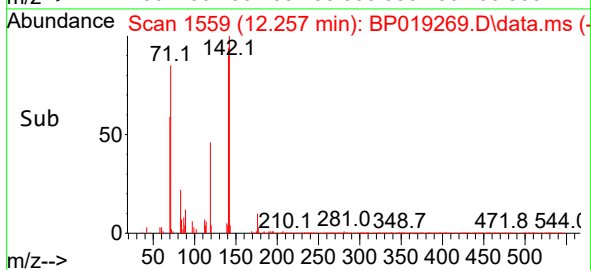
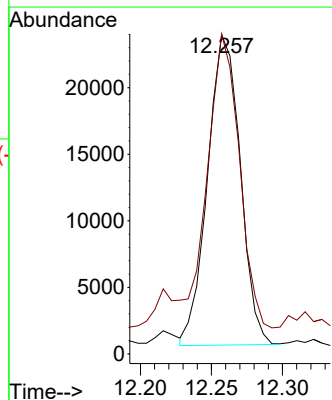
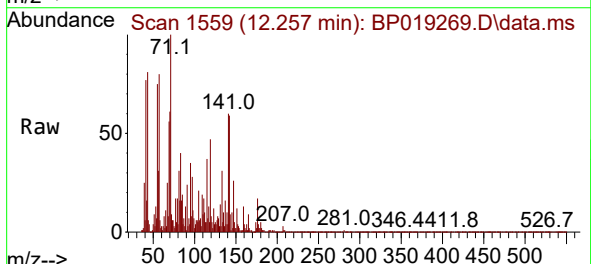
Instrument :
BNA_P
ClientSampleId :
GCF81

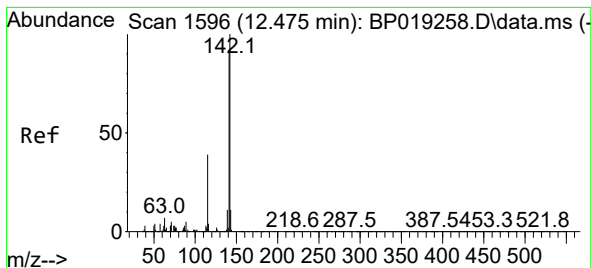
Tgt Ion:105 Resp: 25431
Ion Ratio Lower Upper
105 100
77 75.3 59.8 89.6
51 25.9 19.3 28.9



#36
2-Methylnaphthalene
Concen: 1.274 ng/ul
RT: 12.257 min Scan# 1559
Delta R.T. -0.006 min
Lab File: BP019269.D
Acq: 04 Jan 2024 18:14

Tgt Ion:142 Resp: 37343
Ion Ratio Lower Upper
142 100
141 100.3 71.7 107.5





#37

1-Methylnaphthalene

Concen: 7.139 ng/ul

RT: 12.481 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP019269.D

Acq: 04 Jan 2024 18:14

Instrument :

BNA_P

ClientSampleId :

GCF81

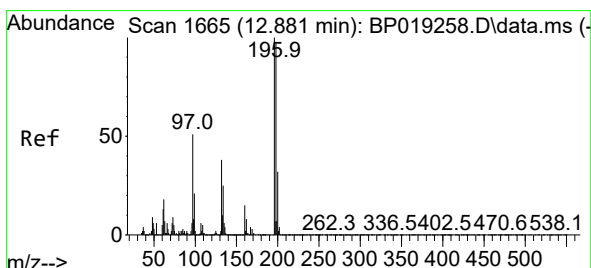
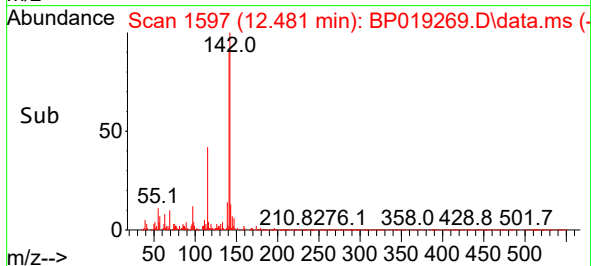
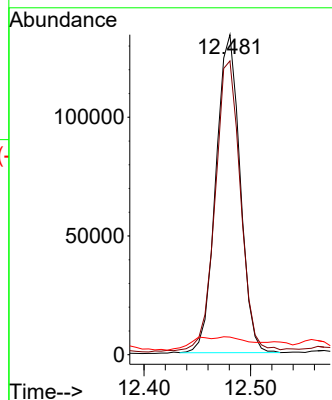
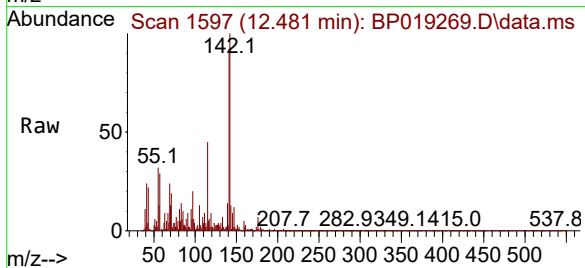
Tgt Ion:142 Resp: 210992

Ion Ratio Lower Upper

142 100

141 91.8 74.4 111.6

116 5.5 3.0 4.4#



#41

2,4,6-Trichlorophenol

Concen: 1.017 ng/ul

RT: 12.887 min Scan# 1666

Delta R.T. 0.006 min

Lab File: BP019269.D

Acq: 04 Jan 2024 18:14

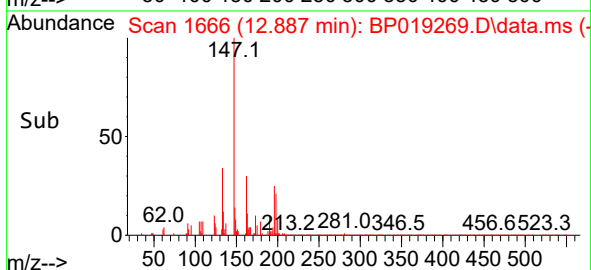
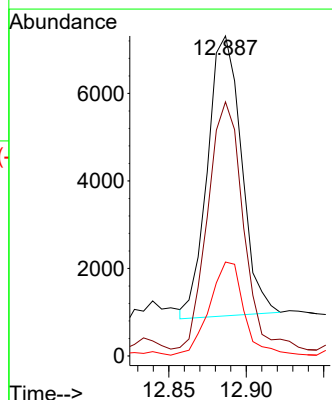
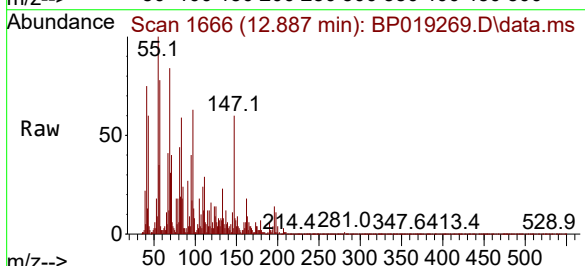
Tgt Ion:196 Resp: 9752

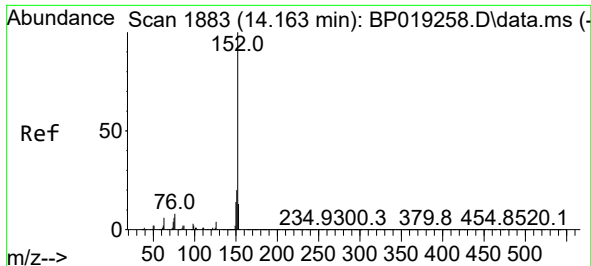
Ion Ratio Lower Upper

196 100

198 79.4 77.4 116.0

200 29.3 24.6 36.8

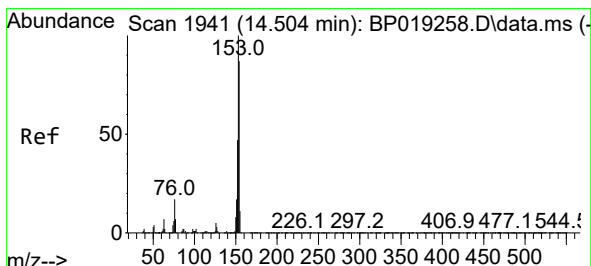
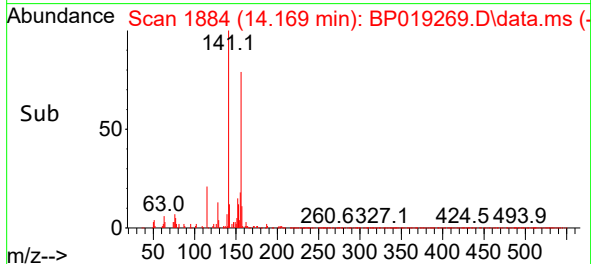
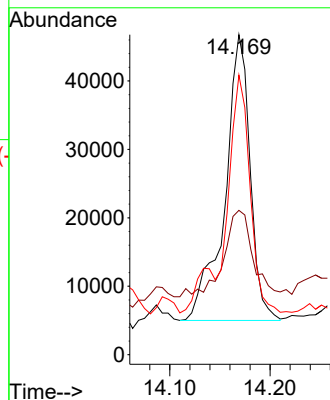
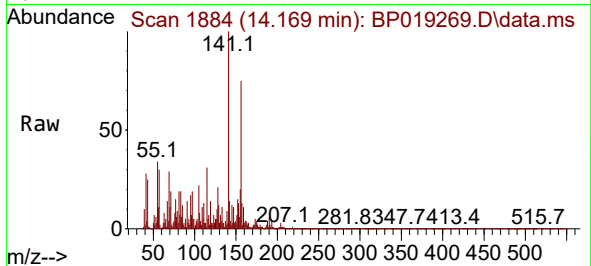




#50
Acenaphthylene
Concen: 1.748 ng/ul
RT: 14.169 min Scan# 1883
Delta R.T. -0.000 min
Lab File: BP019269.D
Acq: 04 Jan 2024 18:14

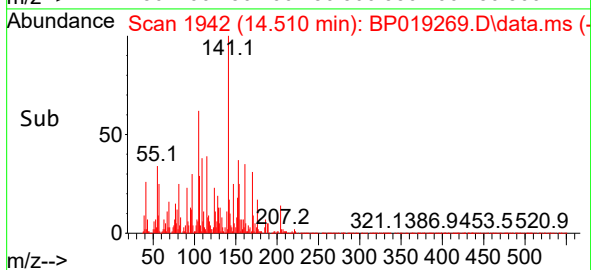
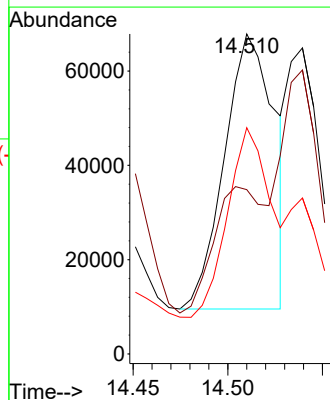
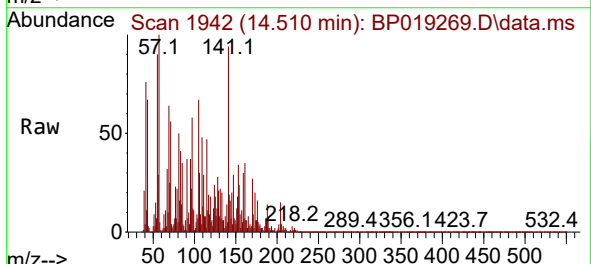
Instrument :
BNA_P
ClientSampleId :
GCF81

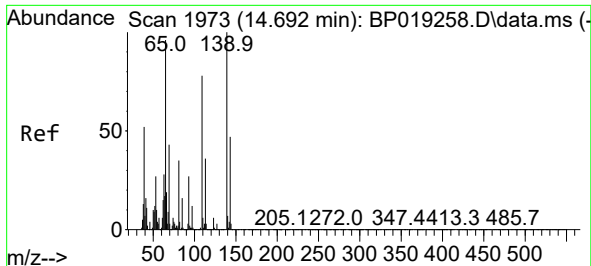
Tgt Ion:152 Resp: 73529
Ion Ratio Lower Upper
152 100
151 45.1 15.9 23.9#
153 87.4 10.6 15.8#



#52
Acenaphthene
Concen: 3.765 ng/ul
RT: 14.510 min Scan# 1942
Delta R.T. -0.000 min
Lab File: BP019269.D
Acq: 04 Jan 2024 18:14

Tgt Ion:153 Resp: 107354
Ion Ratio Lower Upper
153 100
152 51.3 38.1 57.1
154 70.7 70.1 105.1

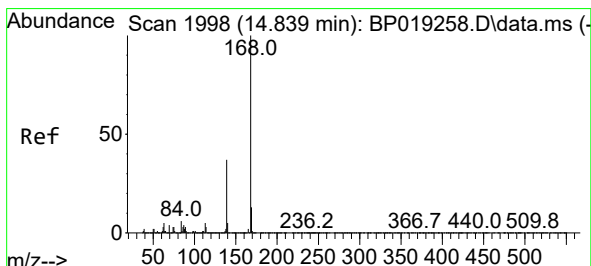
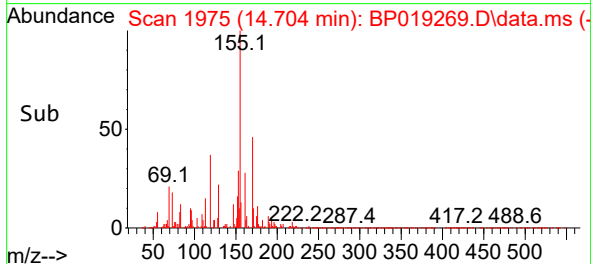
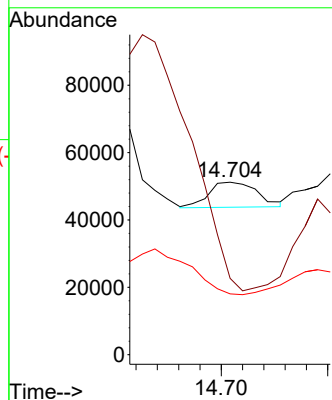
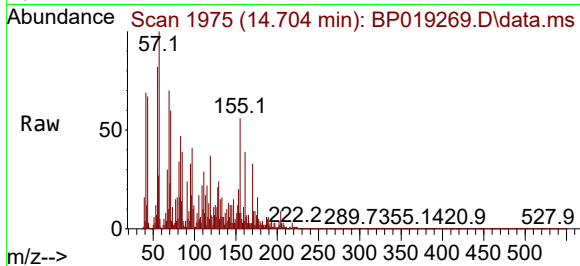




#55
4-Nitrophenol
Concen: 2.550 ng/ul
RT: 14.704 min Scan# 11
Delta R.T. 0.023 min
Lab File: BP019269.D
Acq: 04 Jan 2024 18:14

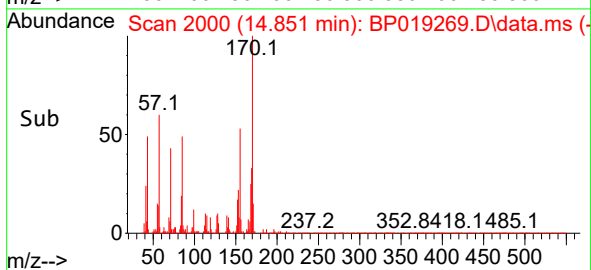
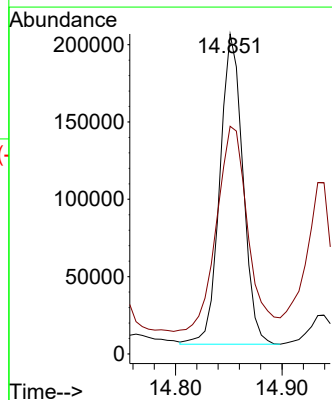
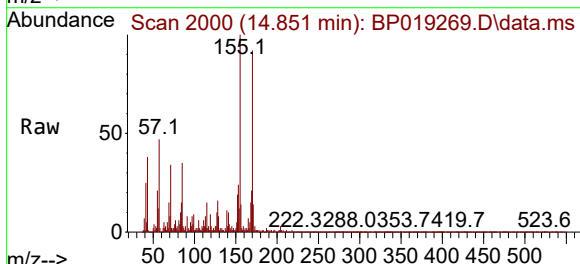
Instrument :
BNA_P
ClientSampleId :
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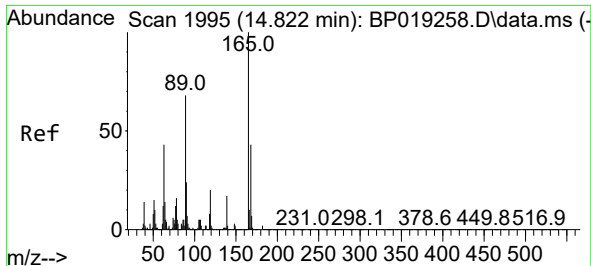
Tgt Ion:109 Resp: 11861
Ion Ratio Lower Upper
109 100
139 44.3 102.6 154.0#
65 35.3 92.9 139.3#



#56
Dibenzofuran
Concen: 7.376 ng/ul
RT: 14.851 min Scan# 2000
Delta R.T. -0.000 min
Lab File: BP019269.D
Acq: 04 Jan 2024 18:14

Tgt Ion:168 Resp: 300338
Ion Ratio Lower Upper
168 100
139 71.1 27.4 41.0#





#57

2,4-Dinitrotoluene

Concen: 1.704 ng/ul

RT: 14.816 min Scan# 1994

Delta R.T. -0.006 min

Lab File: BP019269.D

Acq: 04 Jan 2024 18:14

Instrument :

BNA_P

ClientSampleId :

GCF81

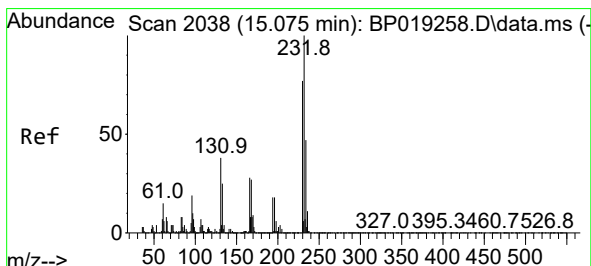
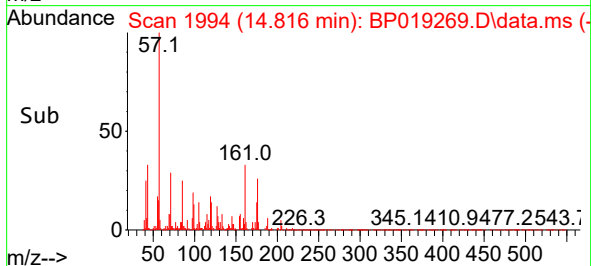
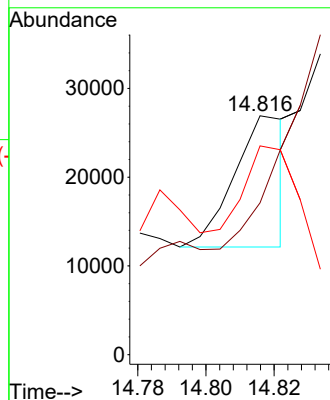
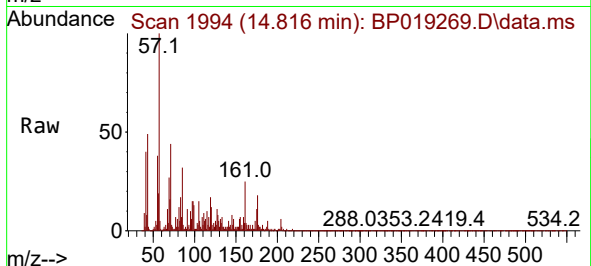
Tgt Ion:165 Resp: 15666

Ion Ratio Lower Upper

165 100

63 63.6 31.5 47.3#

182 87.5 2.2 3.4#



#58

2,3,4,6-Tetrachlorophenol

Concen: 338.418 ng/ul

RT: 15.104 min Scan# 2043

Delta R.T. 0.029 min

Lab File: BP019269.D

Acq: 04 Jan 2024 18:14

Tgt Ion:232 Resp: 3009710

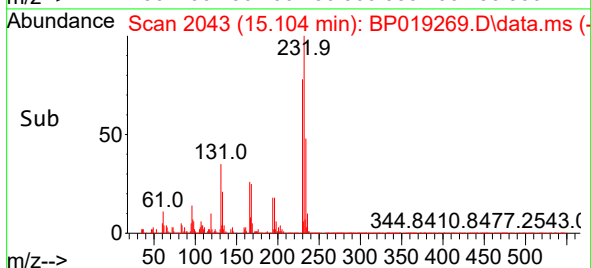
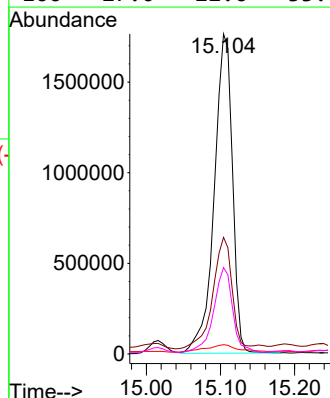
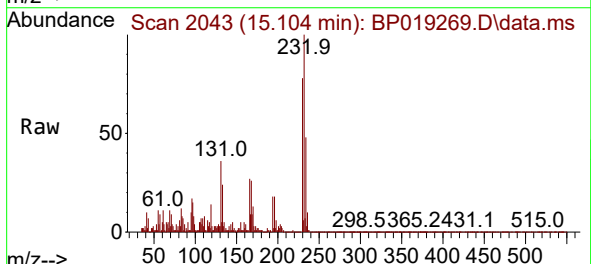
Ion Ratio Lower Upper

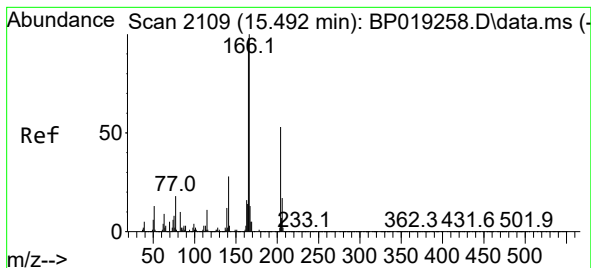
232 100

131 36.5 29.3 43.9

130 2.9 1.4 2.2#

166 27.0 22.6 33.8





#61

Fluorene

Concen: 11.037 ng/ul

RT: 15.510 min Scan# 2112

Delta R.T. 0.012 min

Lab File: BP019269.D

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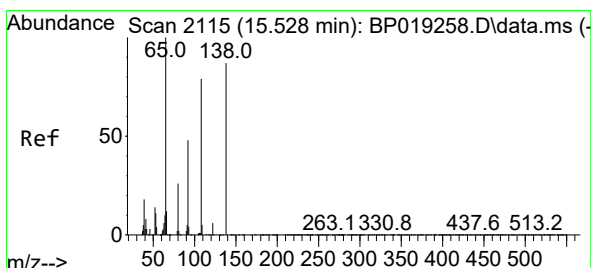
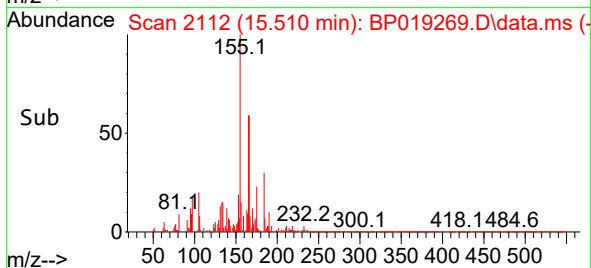
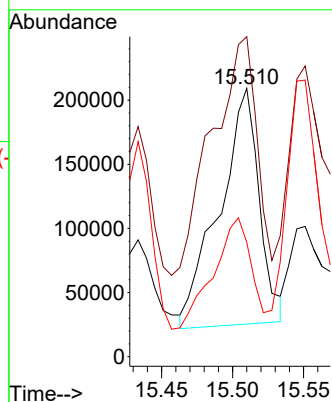
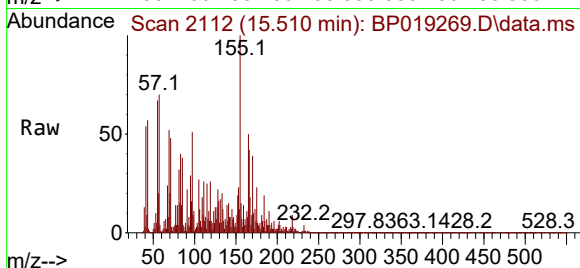
Tgt Ion:166 Resp: 359707

Ion Ratio Lower Upper

166 100

165 119.3 79.3 118.9#

167 42.6 11.0 16.4#



#63

4-Nitroaniline

Concen: 1.535 ng/ul

RT: 15.510 min Scan# 2112

Delta R.T. -0.018 min

Lab File: BP019269.D

Acq: 04 Jan 2024 18:14

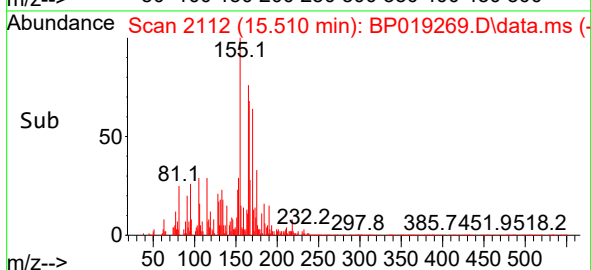
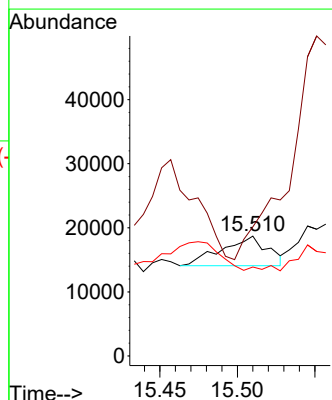
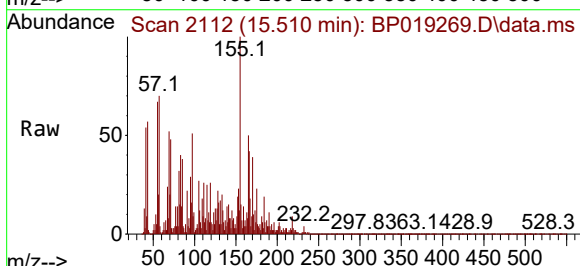
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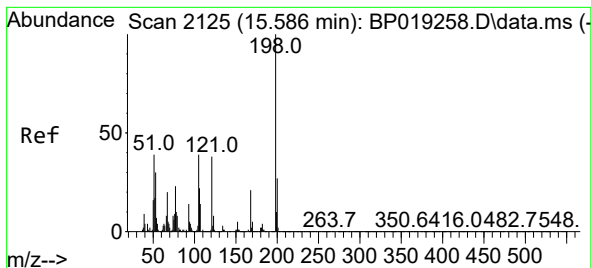
Ion Ratio Lower Upper

138 100

92 107.8 42.2 63.4#

108 74.3 66.2 99.4

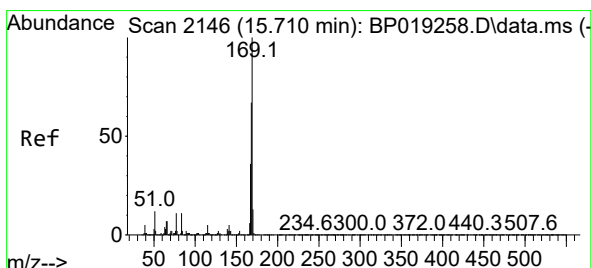
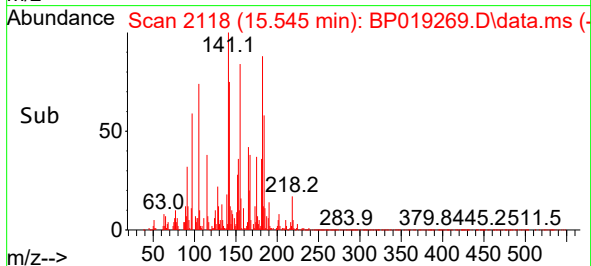
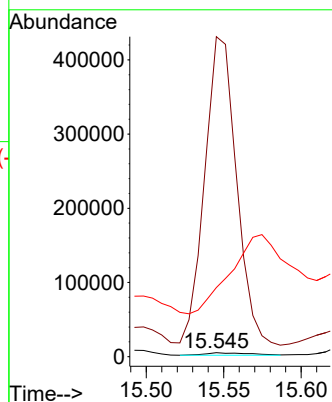
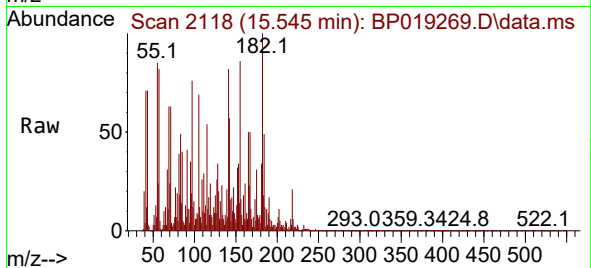




#66
4,6-Dinitro-2-methylphenol
Concen: 19.863 ng/ul
RT: 15.545 min Scan# 2118
Delta R.T. -0.041 min
Lab File: BP019269.D
Acq: 04 Jan 2024 18:14

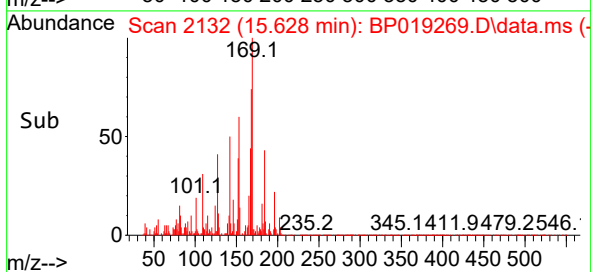
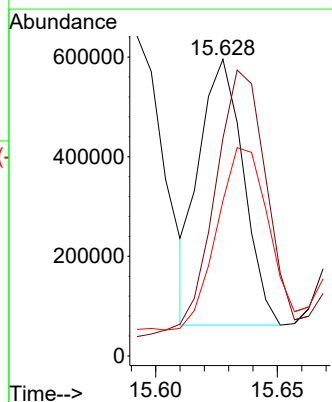
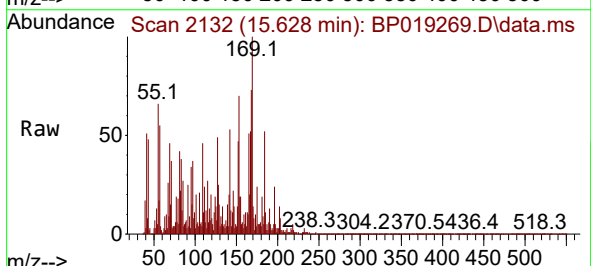
Instrument :
BNA_P
ClientSampleId :
GCF81

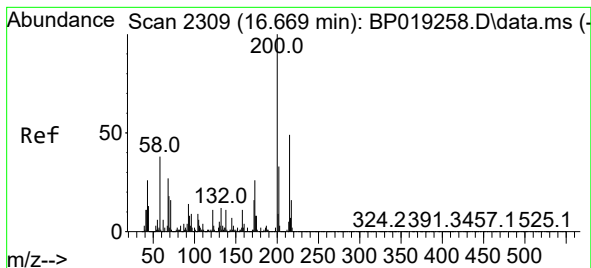
Tgt Ion:198 Resp: 6610
Ion Ratio Lower Upper
198 100
182 8134.6 4.0 6.0#
77 1757.5 17.4 26.2#



#67
N-Nitrosodiphenylamine
Concen: 459.624 ng/ul
RT: 15.628 min Scan# 2132
Delta R.T. -0.088 min
Lab File: BP019269.D
Acq: 04 Jan 2024 18:14

Tgt Ion:169 Resp: 672544
Ion Ratio Lower Upper
169 100
168 73.3 53.8 80.8
167 52.2 29.5 44.3#





#70

Atrazine

Concen: 11.239 ng/ul

RT: 16.622 min Scan# 21

Delta R.T. -0.053 min

Lab File: BP019269.D

Acq: 04 Jan 2024 18:14

Instrument :

BNA_P

ClientSampleId :

GCF81

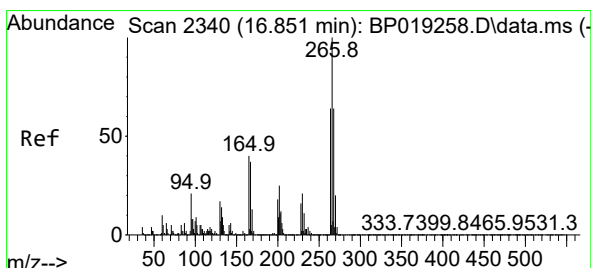
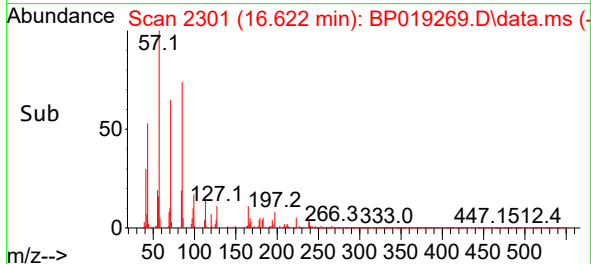
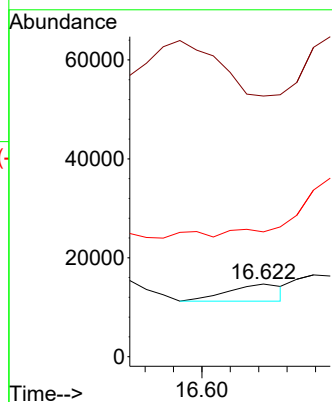
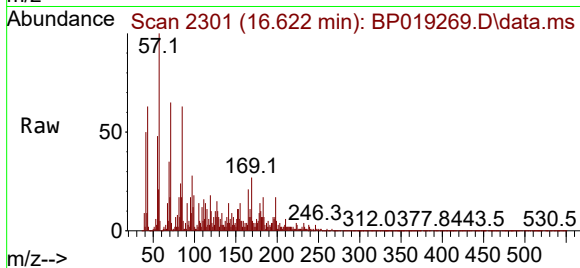
Tgt Ion:200 Resp: 4641

Ion Ratio Lower Upper

200 100

173 359.0 20.2 30.2#

215 171.9 39.9 59.9#



#71

Pentachlorophenol

Concen: 26941.622 ng/ul

RT: 16.922 min Scan# 2352

Delta R.T. 0.070 min

Lab File: BP019269.D

Acq: 04 Jan 2024 18:14

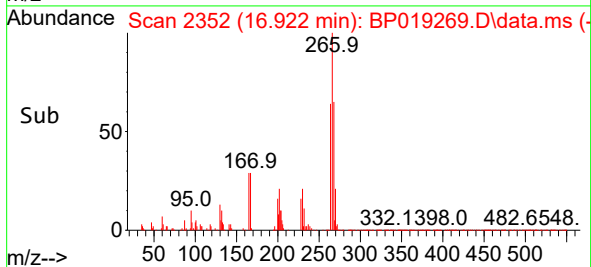
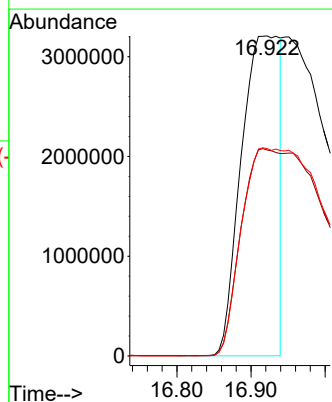
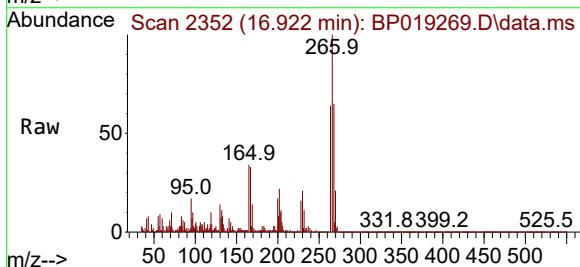
Tgt Ion:266 Resp:11519248

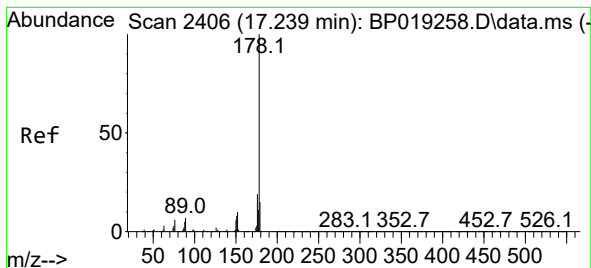
Ion Ratio Lower Upper

266 100

264 64.4 50.0 75.0

268 64.8 52.8 79.2





#72

Phenanthrene

Concen: 1881.812 ng/ul

RT: 17.322 min Scan# 2406

Delta R.T. 0.076 min

Lab File: BP019269.D

Acq: 04 Jan 2024 18:14

Instrument :

BNA_P

ClientSampleId :

GCF81

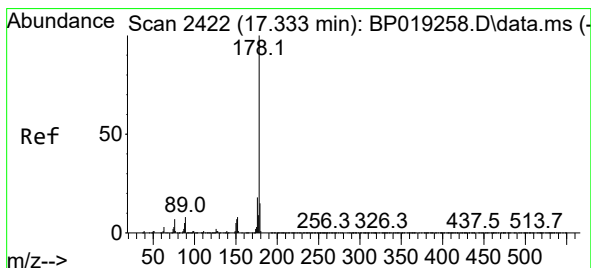
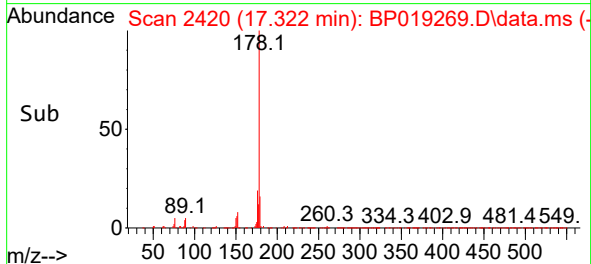
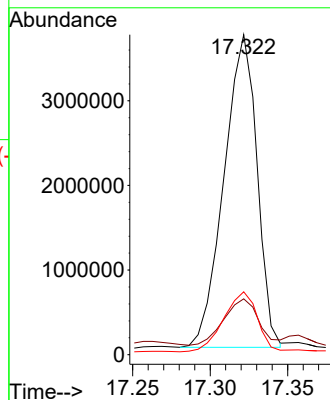
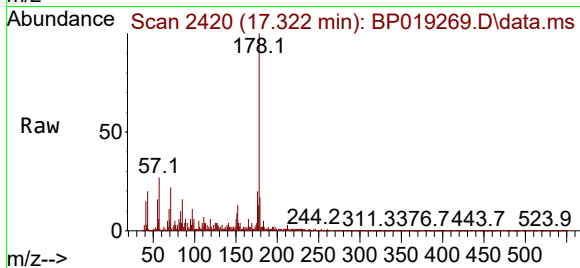
Tgt Ion:178 Resp: 5467606

Ion Ratio Lower Upper

178 100

179 17.4 11.9 17.9

176 19.6 15.0 22.6



#74

Anthracene

Concen: 1893.813 ng/ul

RT: 17.322 min Scan# 2420

Delta R.T. -0.018 min

Lab File: BP019269.D

Acq: 04 Jan 2024 18:14

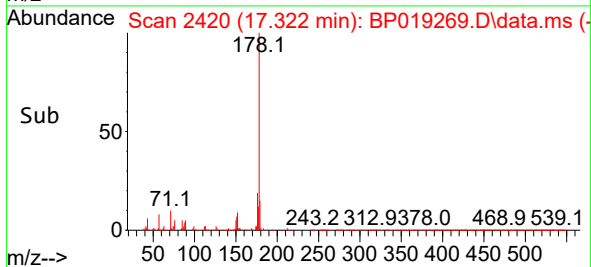
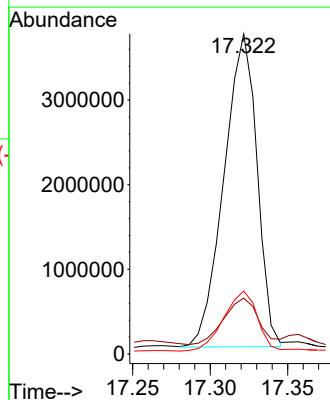
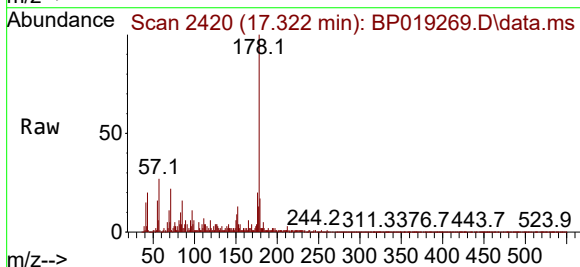
Tgt Ion:178 Resp: 5477909

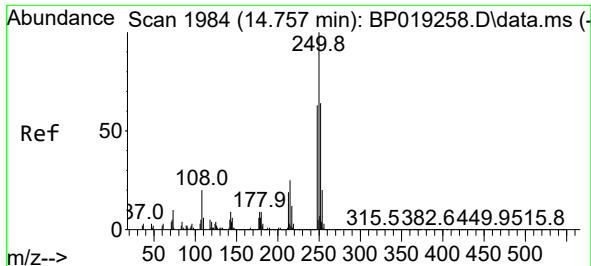
Ion Ratio Lower Upper

178 100

179 17.4 12.2 18.4

176 19.6 14.9 22.3

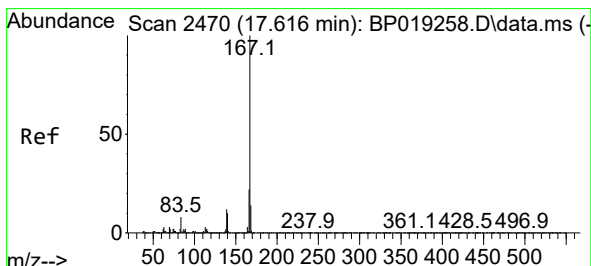
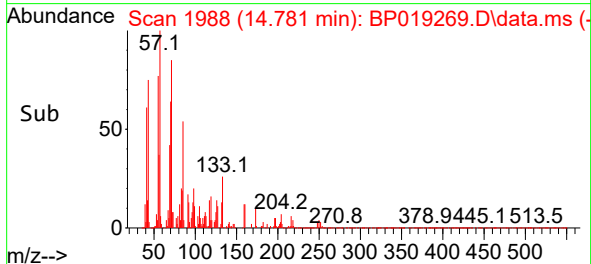
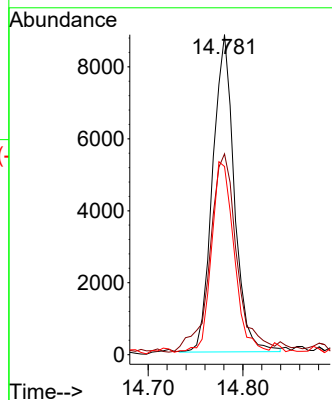
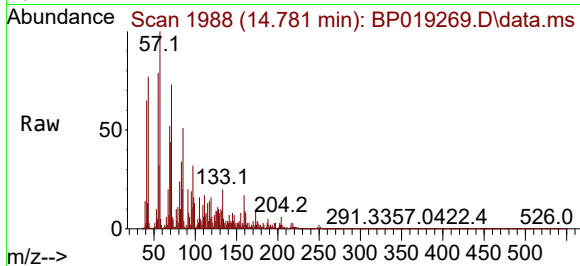




#76
Pentachlorobenzene
Concen: 16.902 ng/uL
RT: 14.781 min Scan# 1988
Delta R.T. 0.017 min
Lab File: BP019269.D
Acq: 04 Jan 2024 18:14

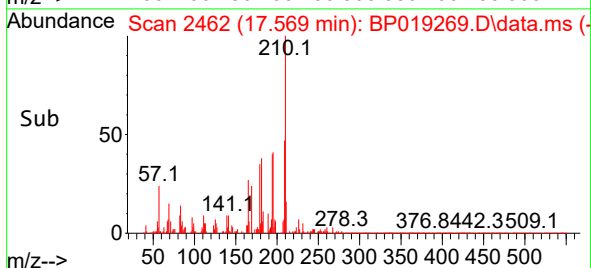
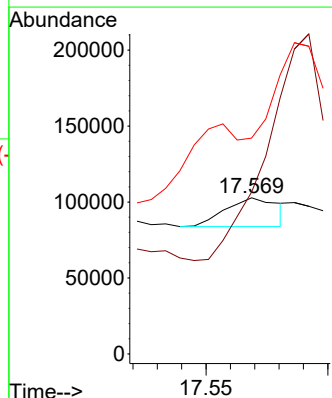
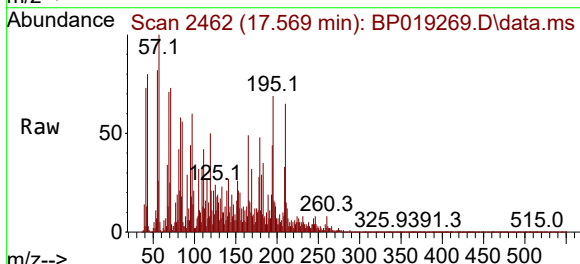
Instrument :
BNA_P
ClientSampleId :
GCF81

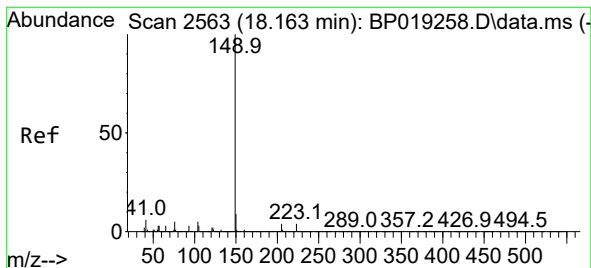
Tgt Ion:250 Resp: 14001
Ion Ratio Lower Upper
250 100
248 62.8 50.4 75.6
252 58.8 52.1 78.1



#77
Carbazole
Concen: 11.863 ng/uL
RT: 17.569 min Scan# 2462
Delta R.T. -0.047 min
Lab File: BP019269.D
Acq: 04 Jan 2024 18:14

Tgt Ion:167 Resp: 28542
Ion Ratio Lower Upper
167 100
166 103.5 17.4 26.0#
139 138.2 9.8 14.6#





#78

Di-n-butylphthalate

Concen: 15.166 ng/ul

RT: 18.069 min Scan# 2

Delta R.T. -0.100 min

Lab File: BP019269.D

Acq: 04 Jan 2024 18:14

Instrument :

BNA_P

ClientSampleId :

GCF81

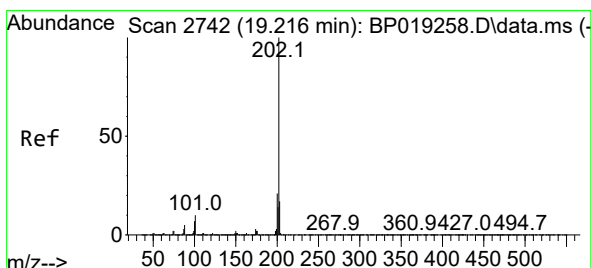
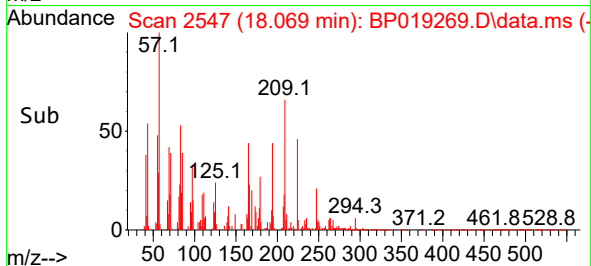
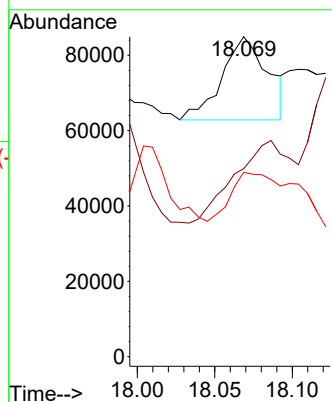
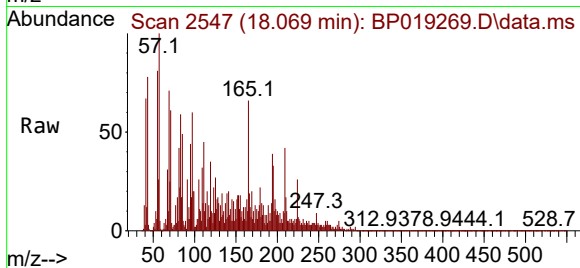
Tgt Ion:149 Resp: 45254

Ion Ratio Lower Upper

149 100

150 58.8 7.3 10.9#

104 57.6 3.9 5.9#



#80

Fluoranthene

Concen: 7.442 ng/ul

RT: 19.280 min Scan# 2753

Delta R.T. 0.059 min

Lab File: BP019269.D

Acq: 04 Jan 2024 18:14

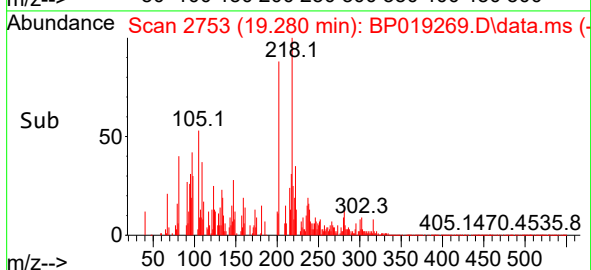
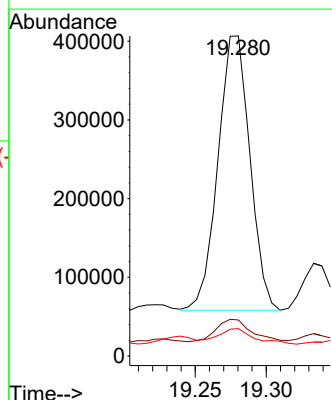
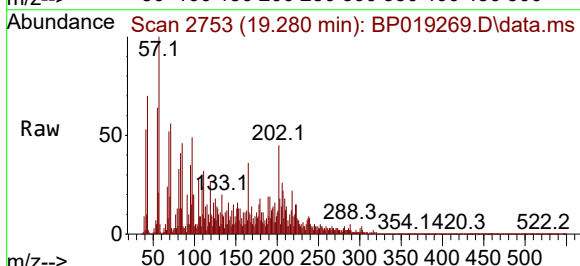
Tgt Ion:202 Resp: 545954

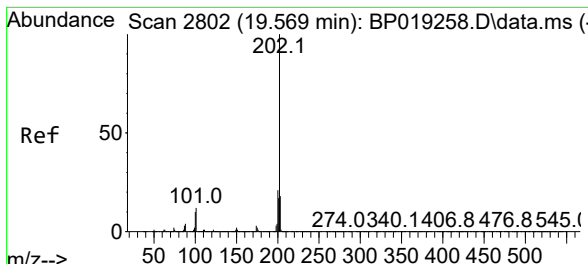
Ion Ratio Lower Upper

202 100

101 11.2 7.8 11.6

100 8.6 6.0 9.0



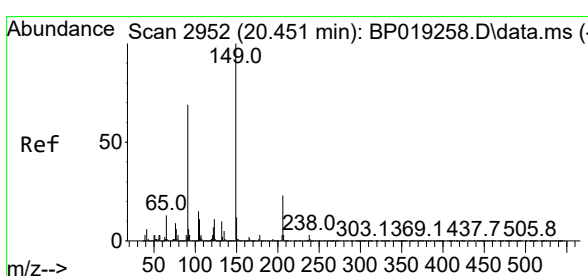
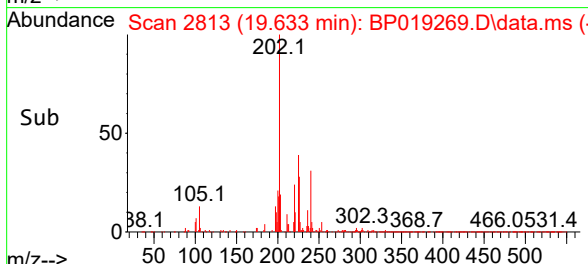
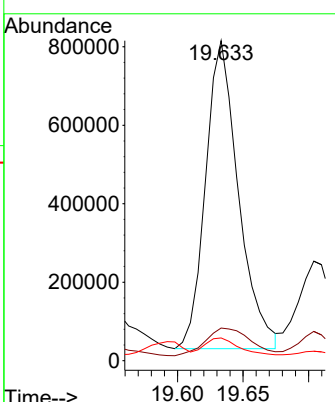
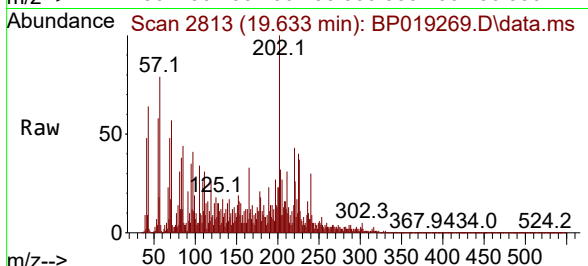


#82
 Pyrene
 Concen: 17.812 ng/ul
 RT: 19.633 min Scan# 2813
 Delta R.T. 0.059 min
 Lab File: BP019269.D
 Acq: 04 Jan 2024 18:14

Instrument :
 BNA_P
 ClientSampleId :
 GCF81

Tgt Ion: 202 Resp: 1368991

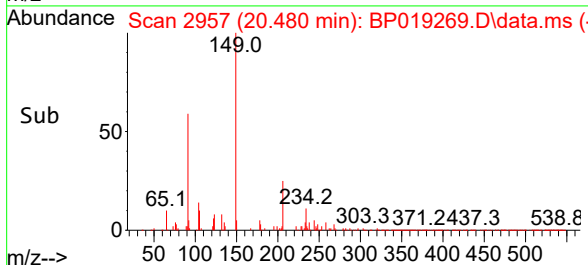
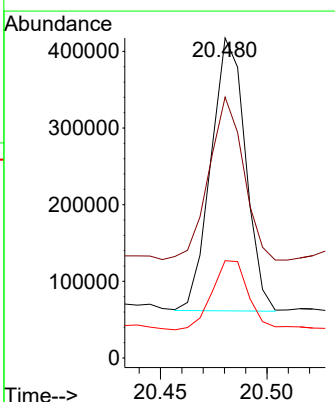
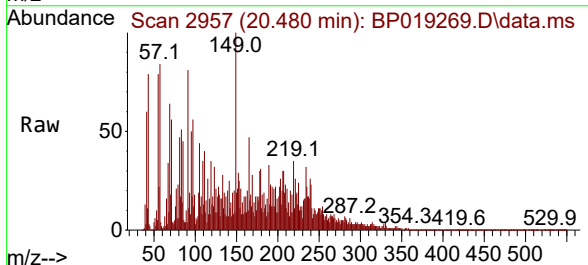
Ion	Ratio	Lower	Upper
202	100		
101	10.2	9.2	13.8
100	7.1	7.8	11.6

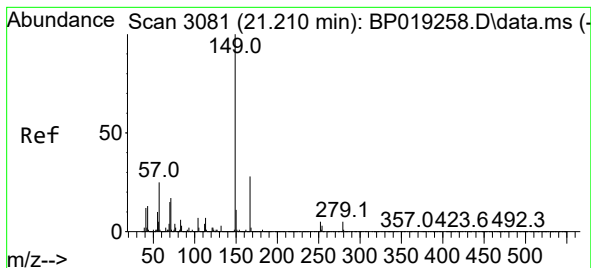


#83
 Butylbenzylphthalate
 Concen: 14.639 ng/ul
 RT: 20.480 min Scan# 2957
 Delta R.T. 0.023 min
 Lab File: BP019269.D
 Acq: 04 Jan 2024 18:14

Tgt Ion: 149 Resp: 401906

Ion	Ratio	Lower	Upper
149	100		
91	81.5	55.6	83.4
206	30.4	17.9	26.9





#86

Bis(2-ethylhexyl)phthalate

Concen: 74.548 ng/ul

RT: 21.227 min Scan# 3081

Delta R.T. 0.006 min

Lab File: BP019269.D

Acq: 04 Jan 2024 18:14

Instrument :

BNA_P

ClientSampleId :

GCF81

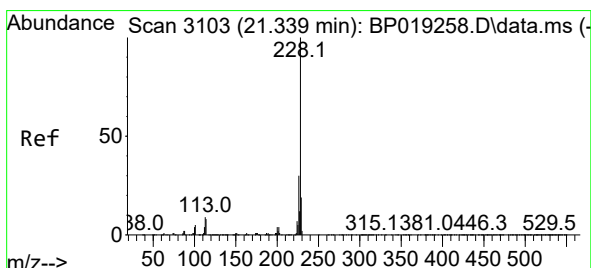
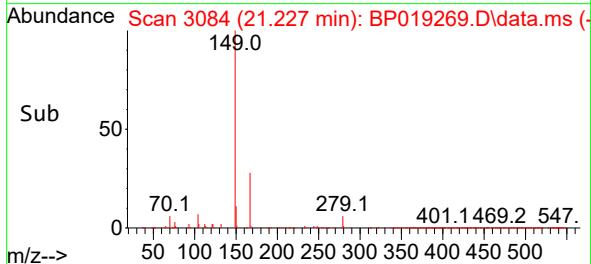
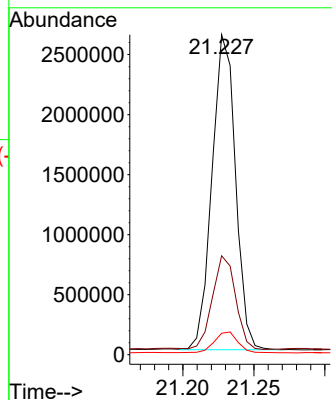
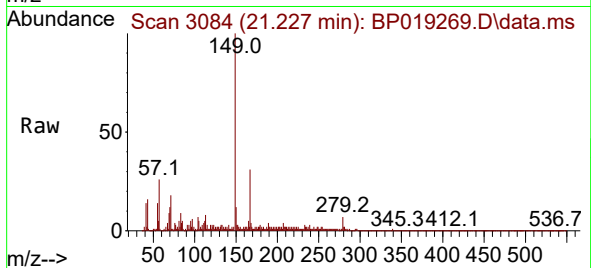
Tgt Ion:149 Resp: 3013756

Ion Ratio Lower Upper

149 100

167 30.9 22.5 33.7

279 6.7 4.0 6.0#



#87

Chrysene

Concen: 3.504 ng/ul

RT: 21.368 min Scan# 3108

Delta R.T. 0.023 min

Lab File: BP019269.D

Acq: 04 Jan 2024 18:14

Tgt Ion:228 Resp: 270838

Ion Ratio Lower Upper

228 100

226 41.2 23.4 35.2#

229 38.1 15.6 23.4#

