

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120222\
 Data File : BP012933.D
 Acq On : 02 Dec 2022 11:28
 Operator : CG/JU
 Sample : N5738-13
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 GBNJ2

Quant Time: Dec 03 01:28:54 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120122.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 01 23:46:27 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.005	152	481084	20.000	ng/ul	0.00
20) Naphthalene-d8	10.822	136	2293907	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.645	164	1585363	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.422	188	3254242	20.000	ng/ul	0.02
79) Chrysene-d12	21.492	240	4104438	20.000	ng/ul	0.01
88) Perylene-d12	23.998	264	4011527	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	35431	3.277	ng/uL	0.00
4) Pyridine-d5	3.822	84	300477	8.612	ng/ul	0.00
7) Phenol-d5	7.158	99	822486	18.513	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.328	67	500425	19.895	ng/ul	0.00
11) 2-Chlorophenol-d4	7.534	132	684361	21.017	ng/ul	0.00
15) 4-Methylphenol-d8	8.710	113	544586	14.929	ng/ul	0.00
21) Nitrobenzene-d5	9.175	128	354379	21.724	ng/ul	0.00
24) 2-Nitrophenol-d4	9.899	143	394316	21.122	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.434	165	783625	20.968	ng/ul	0.00
31) 4-Chloroaniline-d4	10.957	131	269874	5.111	ng/ul	0.00
46) Dimethylphthalate-d6	14.045	166	2511050	21.960	ng/ul	0.00
49) Acenaphthylene-d8	14.340	160	2983334	23.631	ng/ul	0.00
54) 4-Nitrophenol-d4	14.834	143	330361	14.125	ng/ul	0.00
60) Fluorene-d10	15.640	176	2329989	23.183	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.757	200	334618	17.526	ng/ul	0.01
73) Anthracene-d10	17.522	188	3231575	22.466	ng/ul	0.02
81) Pyrene-d10	19.739	212	4159914	20.619	ng/ul	0.02
92) Benzo(a)pyrene-d12	23.833	264	4463745	22.774	ng/ul	0.00
Target Compounds						
					Qvalue	
8) Phenol	7.187	94	50901	1.104	ng/ul	92
16) Acetophenone	8.834	105	228875	4.051	ng/ul	99
34) Caprolactam	11.734	113	17718	1.243	ng/ul#	1
37) 1-Methylnaphthalene	12.693	142	111160	1.258	ng/ul#	96
48) 2,6-Dinitrotoluene	14.193	165	31138	1.397	ng/ul#	72
52) Acenaphthene	14.710	153	234415	2.391	ng/ul	92
55) 4-Nitrophenol	14.828	109	357771	21.841	ng/ul#	1
58) 2,3,4,6-Tetrachlorophenol	15.275	232	1438159	43.047	ng/ul#	99
66) 4,6-Dinitro-2-methylph...	15.763	198	27419	1.355	ng/ul#	1
67) N-Nitrosodiphenylamine	15.910	169	1674585	18.824	ng/ul#	41
71) Pentachlorophenol	17.116	266	20608073	790.751	ng/ul	99
72) Phenanthrene	17.463	178	1442734	8.404	ng/ul#	89
80) Fluoranthene	19.416	202	2412865	10.090	ng/ul	99
82) Pyrene	19.769	202	3817993	15.346	ng/ul	98
83) Butylbenzylphthalate	20.622	149	545126	5.437	ng/ul#	95
85) Benzo(a)anthracene	21.527	228	1375513	5.309	ng/ul	92
86) Bis(2-ethylhexyl)phtha...	21.380	149	565538	3.868	ng/ul#	88
87) Chrysene	21.527	228	1375513	5.658	ng/ul	95
90) Benzo(b)fluoranthene	23.227	252	1301766	5.100	ng/ul#	91
91) Benzo(k)fluoranthene	23.227	252	1301766	5.378	ng/ul#	91
93) Benzo(a)pyrene	23.886	252	375126	1.665	ng/ul#	81
94) Indeno(1,2,3-cd)pyrene	26.627	276	358237	1.299	ng/ul	96
96) Benzo(g,h,i)perylene	27.439	276	267923	1.119	ng/ul	93

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QLast Update : Thu Dec 01 23:46:27 2022
Response via : Initial Calibration

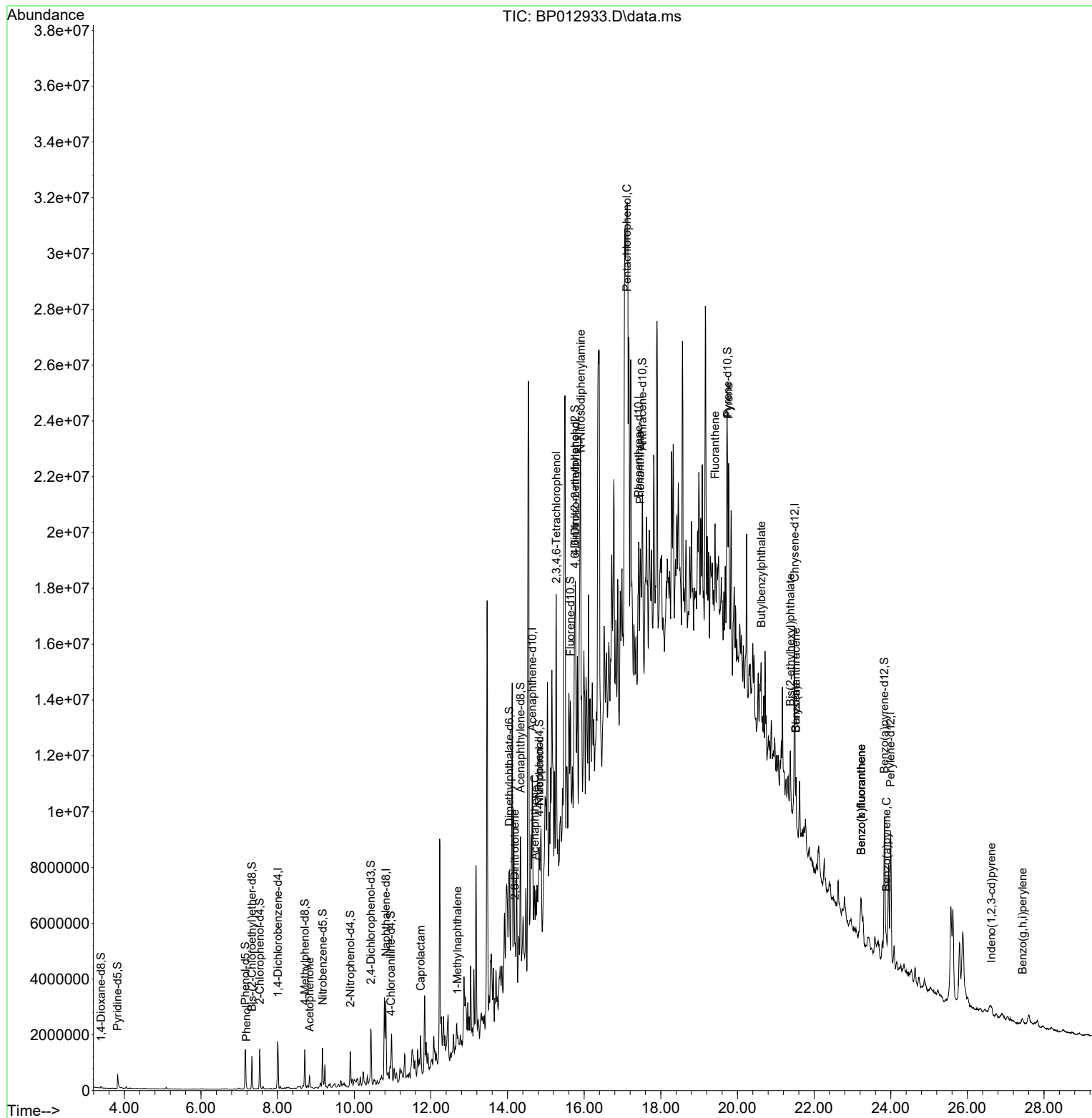
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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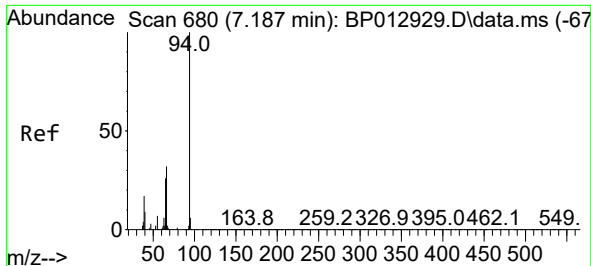
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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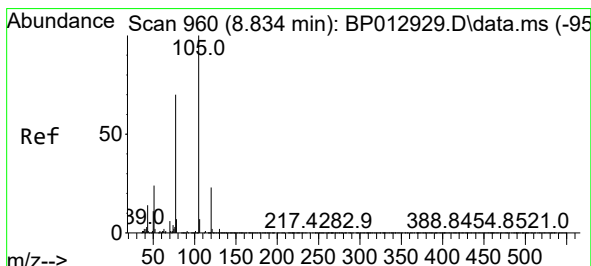
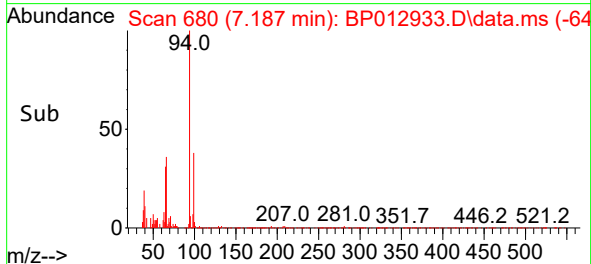
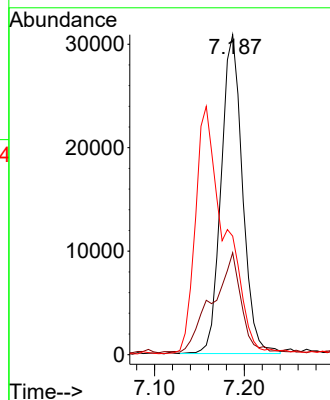
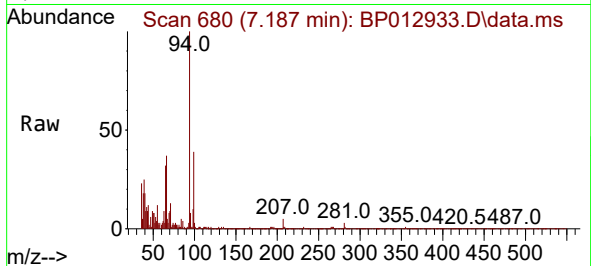




#8
Phenol
Concen: 1.104 ng/ul
RT: 7.187 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP012933.D
Acq: 02 Dec 2022 11:28

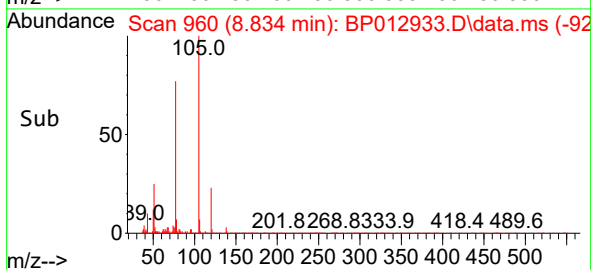
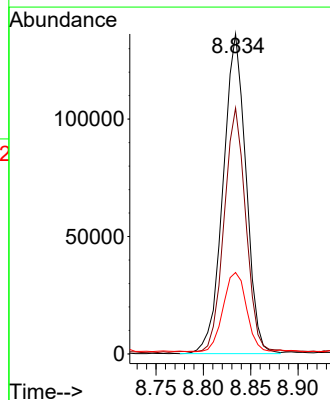
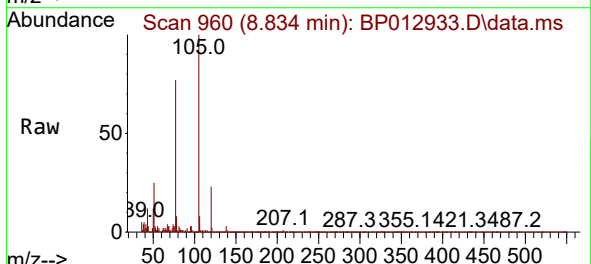
Instrument :
BNA_P
ClientSampleId :
GBNJ2

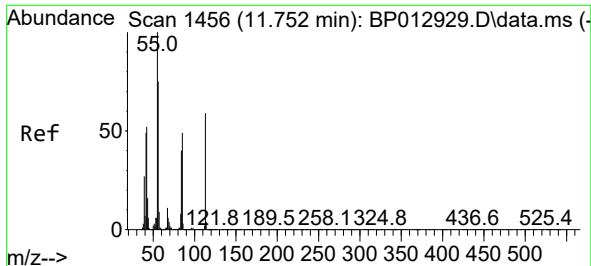
Tgt Ion: 94 Resp: 50901
Ion Ratio Lower Upper
94 100
65 31.9 21.8 32.6
66 37.0 26.6 39.8



#16
Acetophenone
Concen: 4.051 ng/ul
RT: 8.834 min Scan# 960
Delta R.T. 0.000 min
Lab File: BP012933.D
Acq: 02 Dec 2022 11:28

Tgt Ion: 105 Resp: 228875
Ion Ratio Lower Upper
105 100
77 76.9 60.4 90.6
51 25.4 20.7 31.1

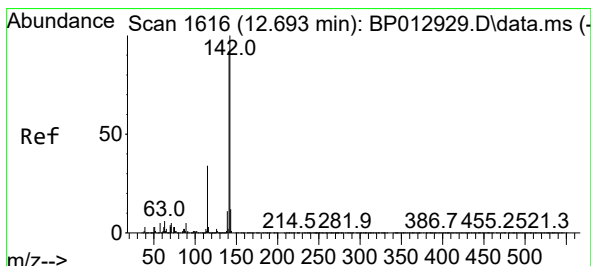
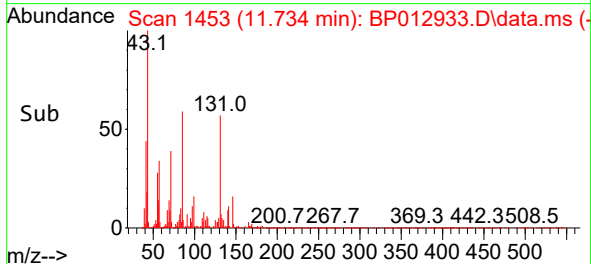
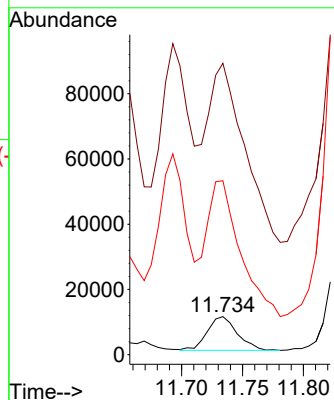
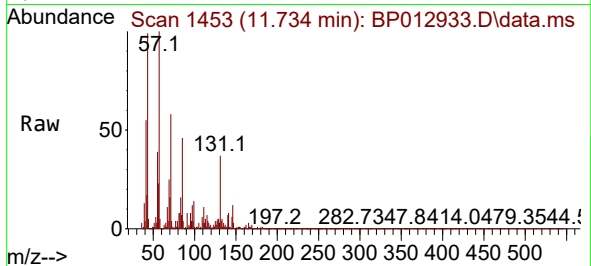




#34
Caprolactam
Concen: 1.243 ng/ul
RT: 11.734 min Scan# 1456
Delta R.T. -0.017 min
Lab File: BP012933.D
Acq: 02 Dec 2022 11:28

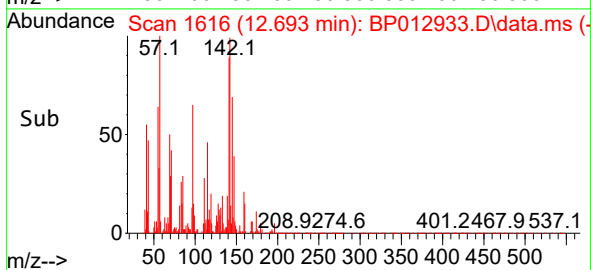
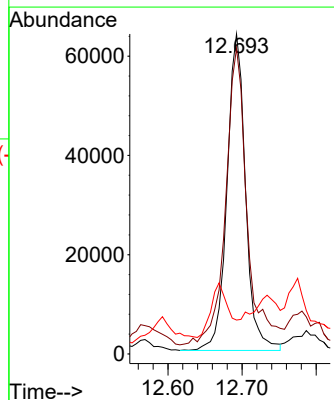
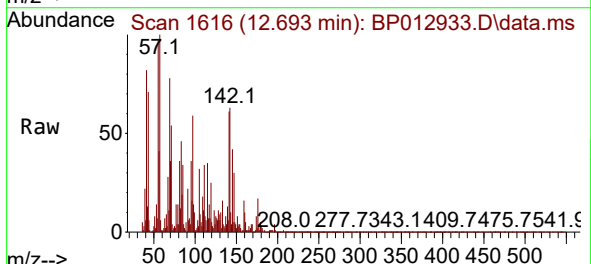
Instrument :
BNA_P
ClientSampleId :
GBNJ2

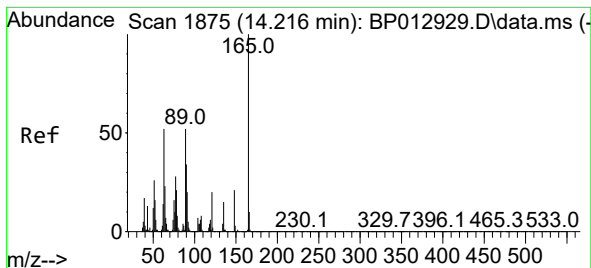
Tgt Ion:113 Resp: 17718
Ion Ratio Lower Upper
113 100
55 763.9 129.8 194.6#
56 455.9 96.7 145.1#



#37
1-Methylnaphthalene
Concen: 1.258 ng/ul
RT: 12.693 min Scan# 1616
Delta R.T. 0.000 min
Lab File: BP012933.D
Acq: 02 Dec 2022 11:28

Tgt Ion:142 Resp: 111160
Ion Ratio Lower Upper
142 100
141 95.6 74.2 111.4
116 10.6 2.8 4.2#





#48

2,6-Dinitrotoluene

Concen: 1.397 ng/ul

RT: 14.193 min Scan# 1875

Delta R.T. -0.023 min

Lab File: BP012933.D

Acq: 02 Dec 2022 11:28

Instrument :

BNA_P

ClientSampleId :

GBNJ2

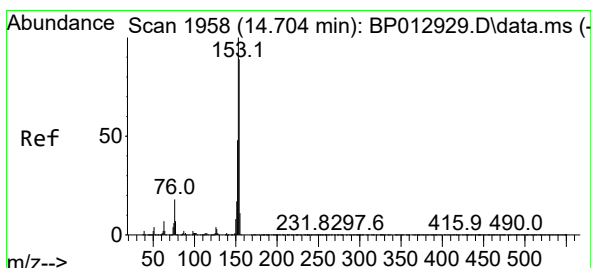
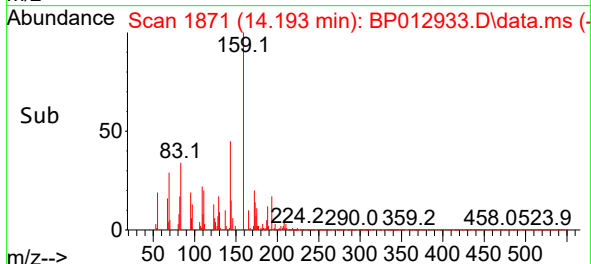
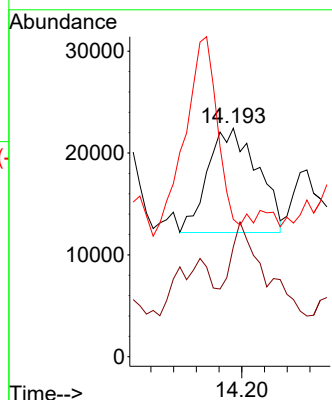
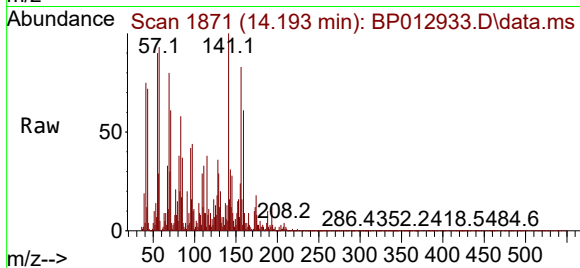
Tgt Ion:165 Resp: 31138

Ion Ratio Lower Upper

165 100

89 48.0 41.1 61.7

121 60.1 15.8 23.8#



#52

Acenaphthene

Concen: 2.391 ng/ul

RT: 14.710 min Scan# 1959

Delta R.T. 0.006 min

Lab File: BP012933.D

Acq: 02 Dec 2022 11:28

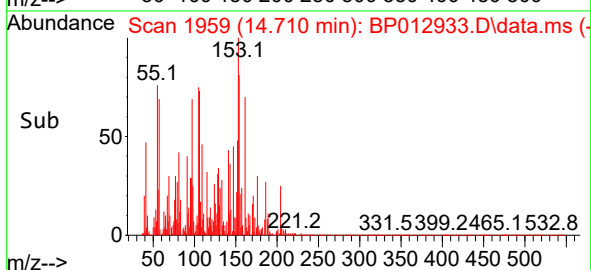
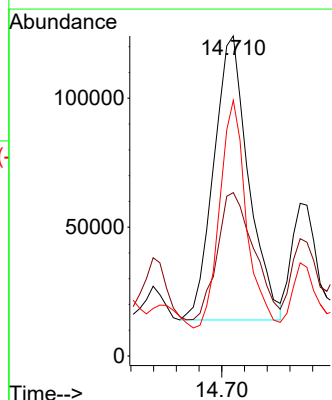
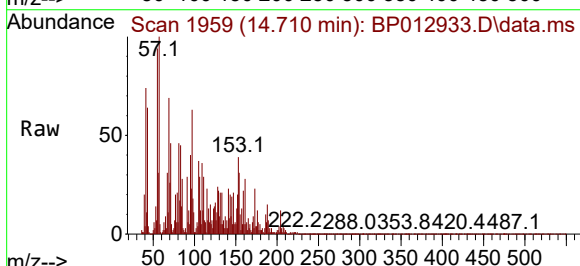
Tgt Ion:153 Resp: 234415

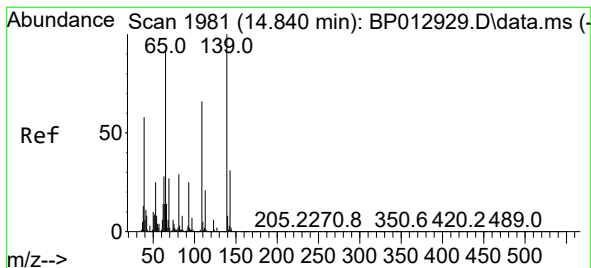
Ion Ratio Lower Upper

153 100

152 51.1 38.5 57.7

154 79.9 71.0 106.4

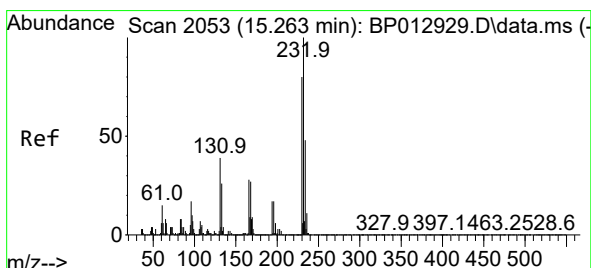
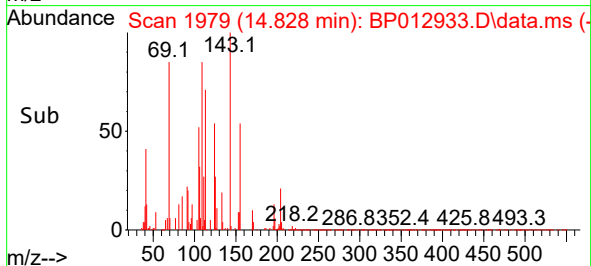
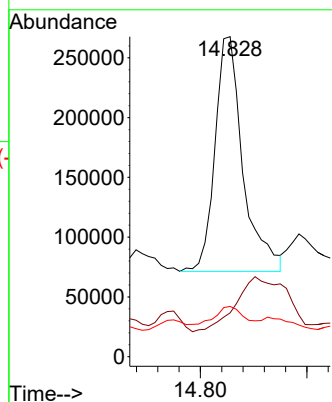
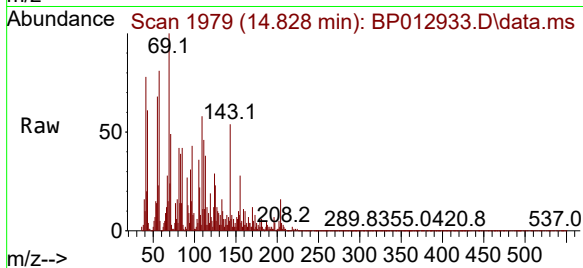




#55
4-Nitrophenol
Concen: 21.841 ng/ul
RT: 14.828 min Scan# 1981
Delta R.T. -0.011 min
Lab File: BP012933.D
Acq: 02 Dec 2022 11:28

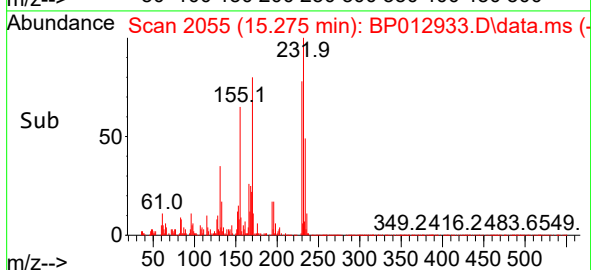
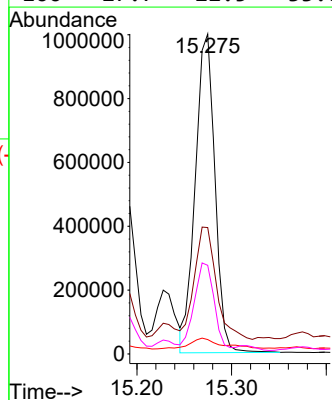
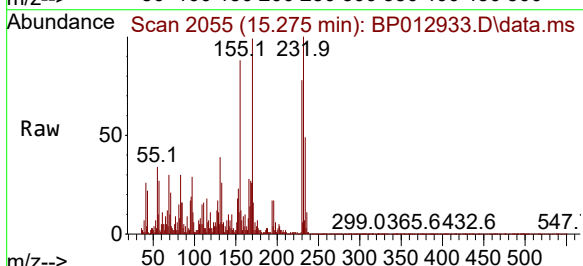
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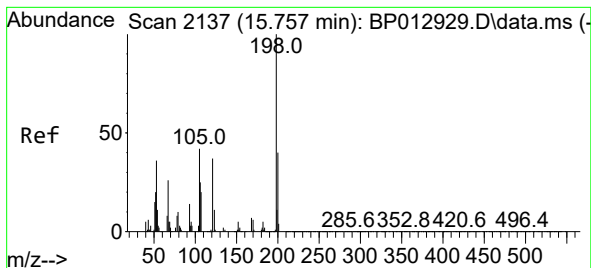
Tgt Ion:109 Resp: 357771
Ion Ratio Lower Upper
109 100
139 13.7 124.2 186.4#
65 15.7 112.9 169.3#



#58
2,3,4,6-Tetrachlorophenol
Concen: 43.047 ng/ul
RT: 15.275 min Scan# 2055
Delta R.T. 0.012 min
Lab File: BP012933.D
Acq: 02 Dec 2022 11:28

Tgt Ion:232 Resp: 1438159
Ion Ratio Lower Upper
232 100
131 39.5 31.0 46.6
130 4.5 1.8 2.6#
166 27.7 22.5 33.7

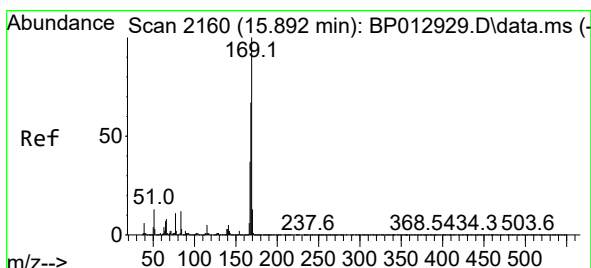
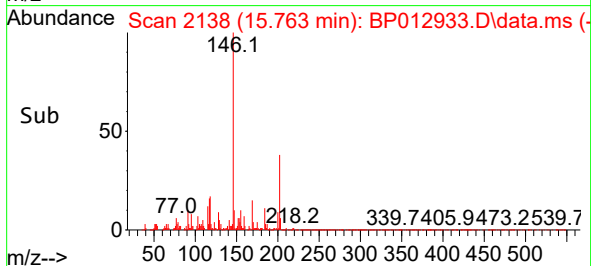
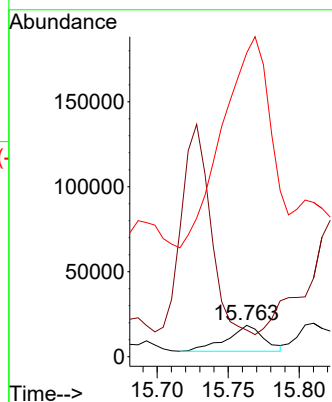
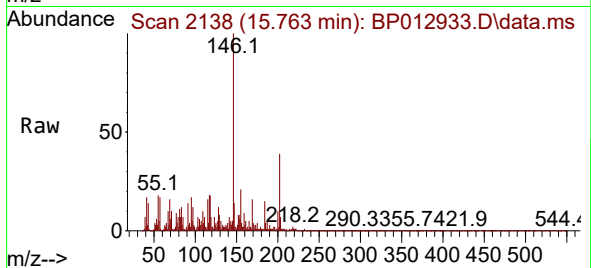




#66
4,6-Dinitro-2-methylphenol
Concen: 1.355 ng/ul
RT: 15.763 min Scan# 2137
Delta R.T. 0.000 min
Lab File: BP012933.D
Acq: 02 Dec 2022 11:28

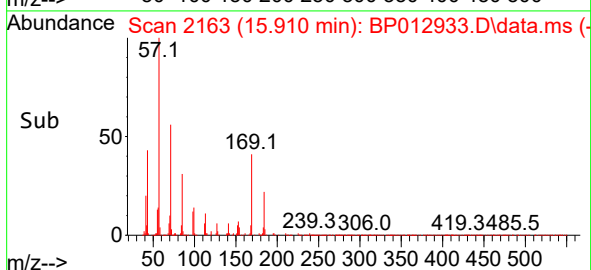
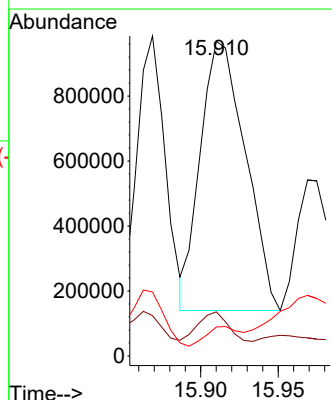
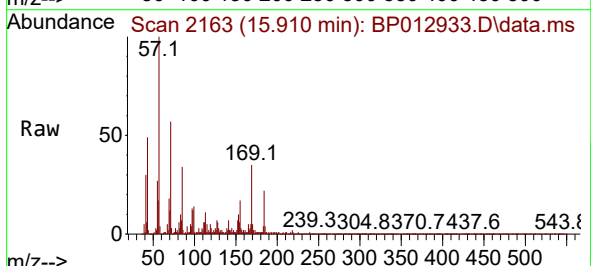
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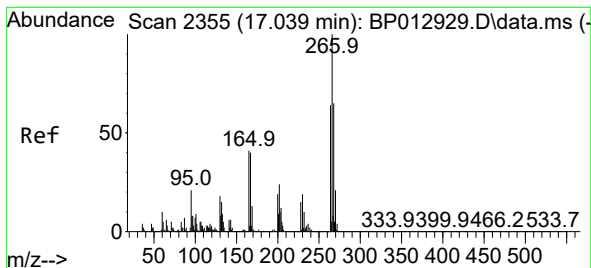
Tgt Ion:198 Resp: 27419
Ion Ratio Lower Upper
198 100
182 84.7 3.8 5.8#
77 968.1 15.6 23.4#



#67
N-Nitrosodiphenylamine
Concen: 18.824 ng/ul
RT: 15.910 min Scan# 2163
Delta R.T. 0.018 min
Lab File: BP012933.D
Acq: 02 Dec 2022 11:28

Tgt Ion:169 Resp: 1674585
Ion Ratio Lower Upper
169 100
168 14.0 53.4 80.0#
167 9.2 28.8 43.2#





#71

Pentachlorophenol

Concen: 790.751 ng/ul

RT: 17.116 min Scan# 21

Delta R.T. 0.077 min

Lab File: BP012933.D

Acq: 02 Dec 2022 11:28

Instrument :

BNA_P

ClientSampleId :

GBNJ2

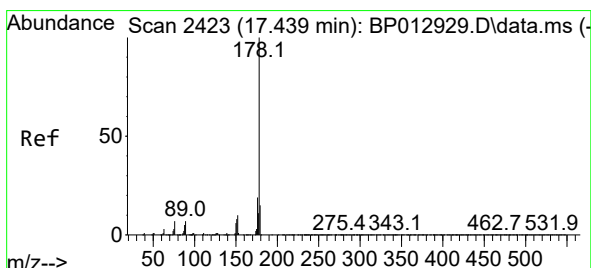
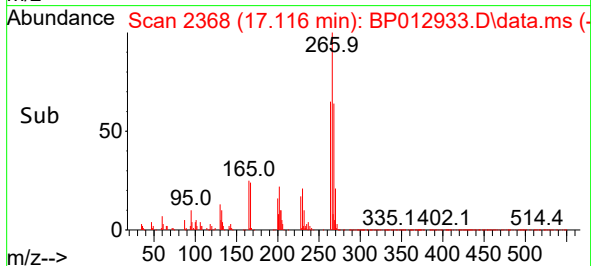
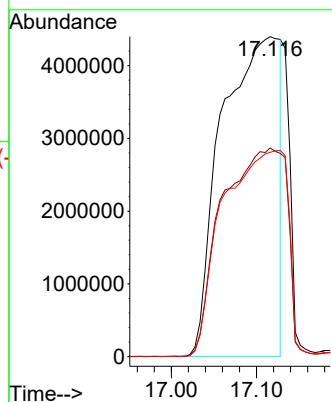
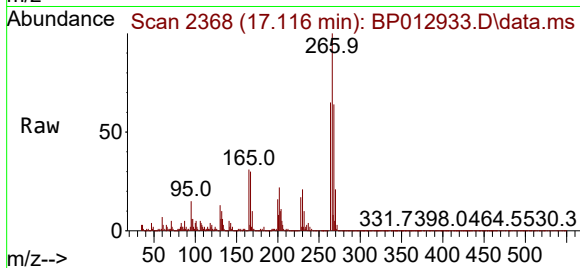
Tgt Ion:266 Resp:20608073

Ion Ratio Lower Upper

266 100

264 65.3 50.5 75.7

268 63.9 51.2 76.8



#72

Phenanthrene

Concen: 8.404 ng/ul

RT: 17.463 min Scan# 2427

Delta R.T. 0.024 min

Lab File: BP012933.D

Acq: 02 Dec 2022 11:28

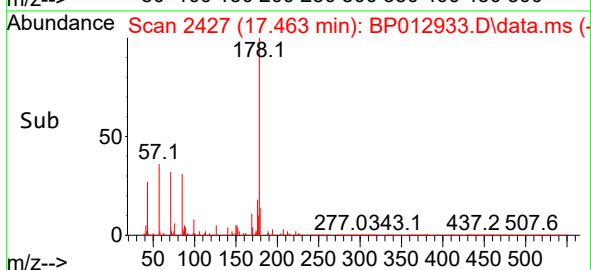
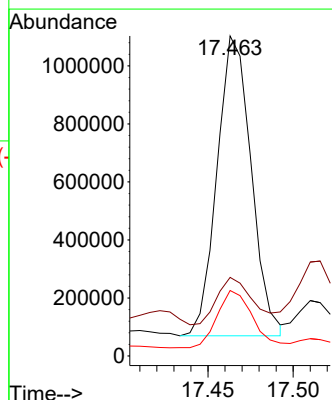
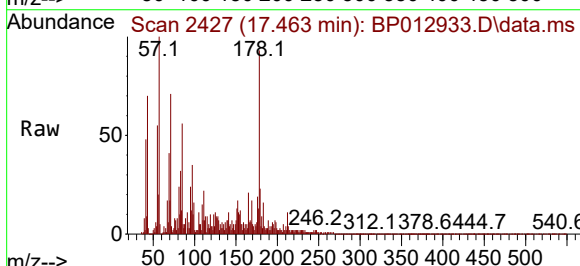
Tgt Ion:178 Resp: 1442734

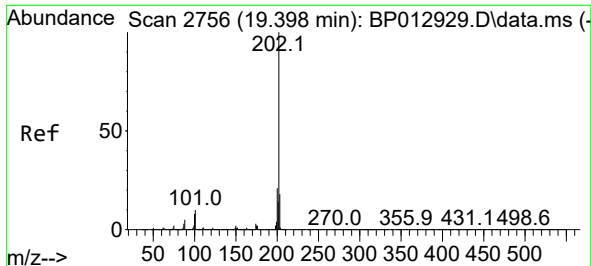
Ion Ratio Lower Upper

178 100

179 24.6 12.6 18.8#

176 20.5 15.4 23.0

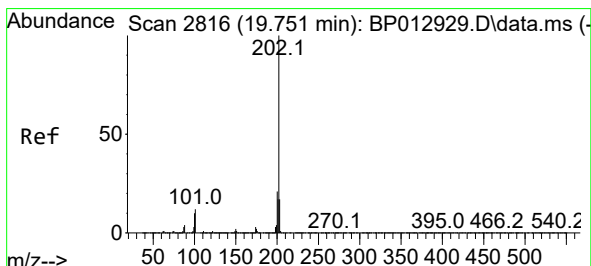
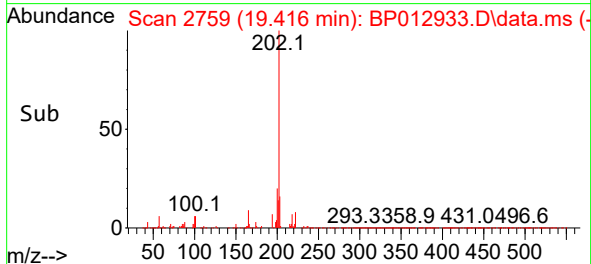
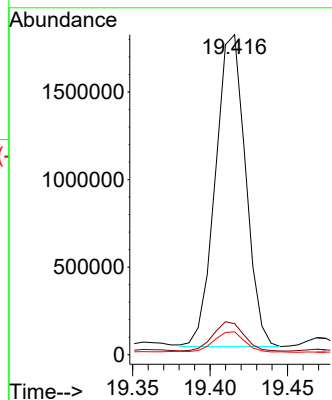
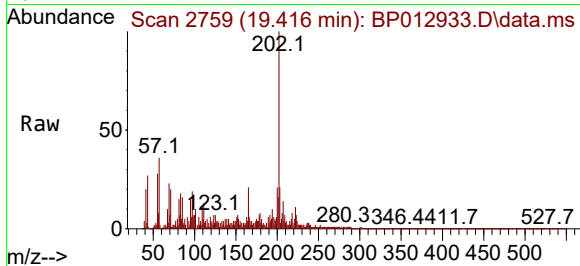




#80
Fluoranthene
Concen: 10.090 ng/ul
RT: 19.416 min Scan# 21
Delta R.T. 0.018 min
Lab File: BP012933.D
Acq: 02 Dec 2022 11:28

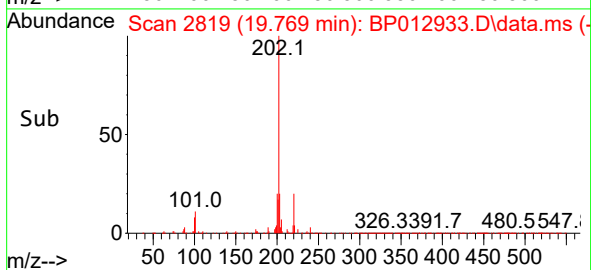
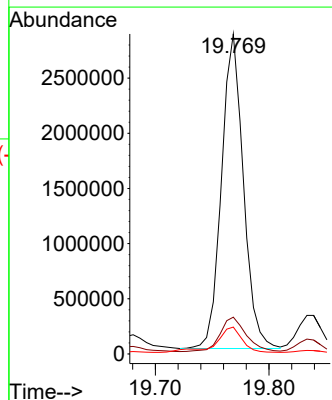
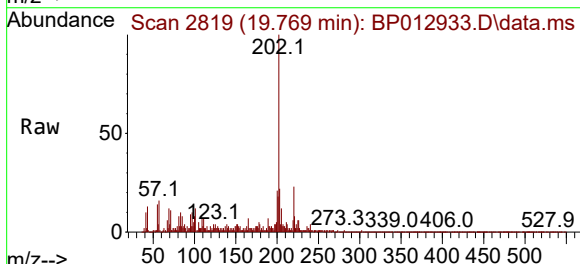
Instrument :
BNA_P
ClientSampleId :
GBNJ2

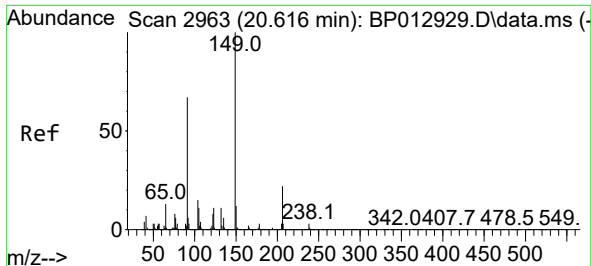
Tgt Ion:202 Resp: 2412865
Ion Ratio Lower Upper
202 100
101 9.7 7.9 11.9
100 7.1 6.2 9.4



#82
Pyrene
Concen: 15.346 ng/ul
RT: 19.769 min Scan# 2819
Delta R.T. 0.018 min
Lab File: BP012933.D
Acq: 02 Dec 2022 11:28

Tgt Ion:202 Resp: 3817993
Ion Ratio Lower Upper
202 100
101 11.5 9.7 14.5
100 8.4 7.7 11.5

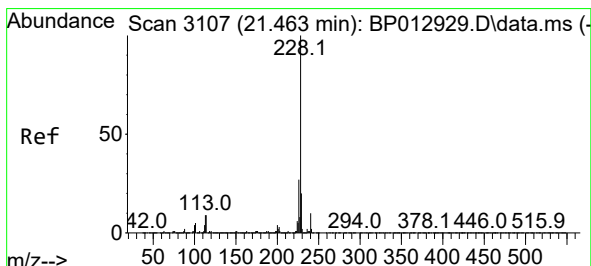
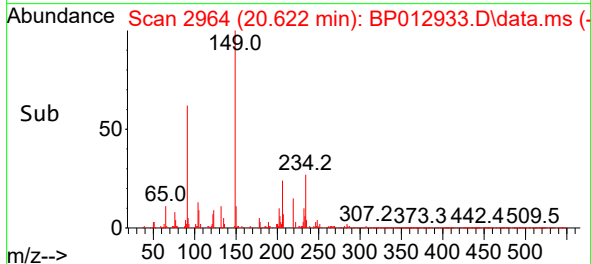
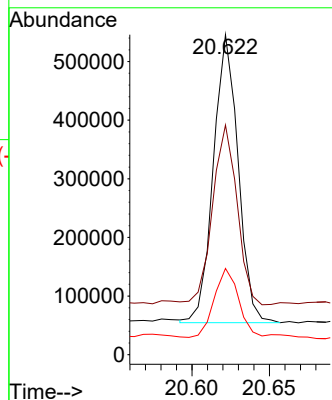
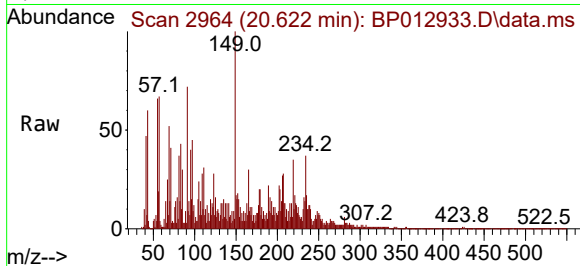




#83
Butylbenzylphthalate
Concen: 5.437 ng/ul
RT: 20.622 min Scan# 2963
Delta R.T. 0.006 min
Lab File: BP012933.D
Acq: 02 Dec 2022 11:28

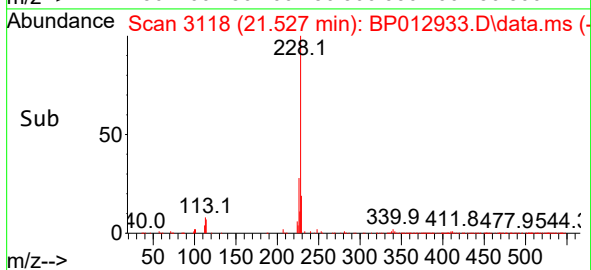
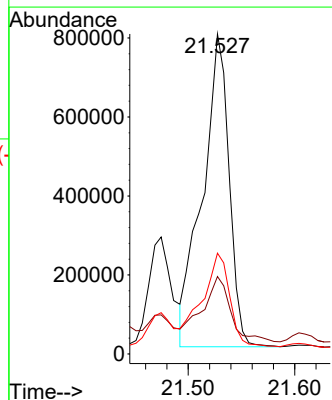
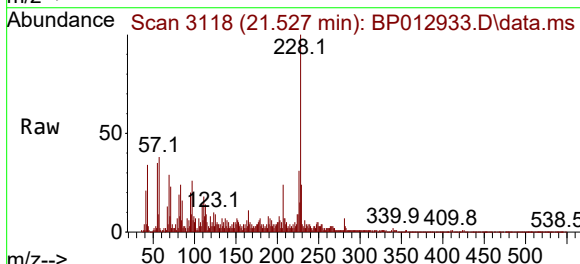
Instrument :
BNA_P
ClientSampleId :
GBNJ2

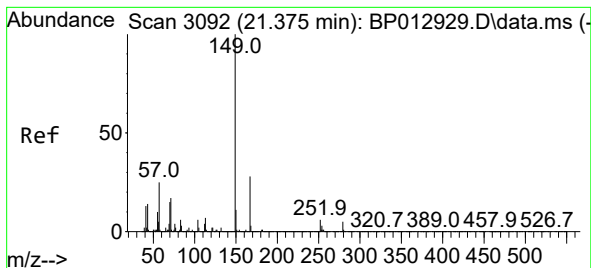
Tgt Ion:149 Resp: 545126
Ion Ratio Lower Upper
149 100
91 71.8 55.0 82.6
206 27.0 17.8 26.8#



#85
Benzo(a)anthracene
Concen: 5.309 ng/ul
RT: 21.527 min Scan# 3118
Delta R.T. 0.065 min
Lab File: BP012933.D
Acq: 02 Dec 2022 11:28

Tgt Ion:228 Resp: 1375513
Ion Ratio Lower Upper
228 100
229 24.2 16.2 24.2
226 31.5 22.0 33.0

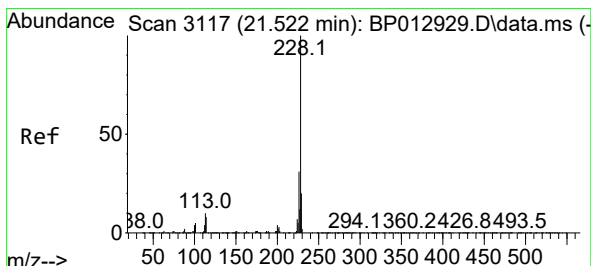
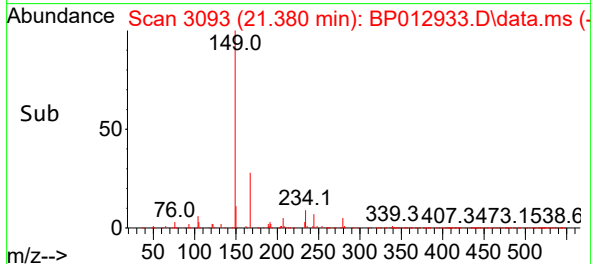
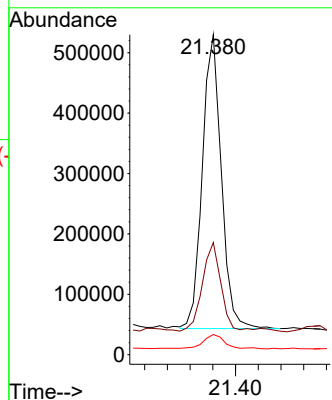
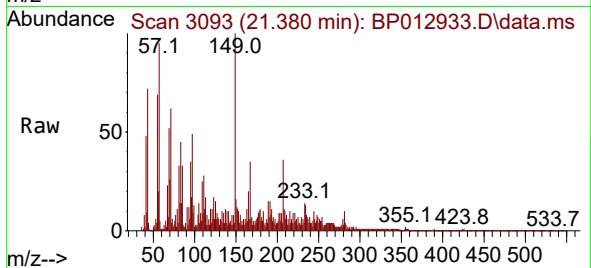




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 3.868 ng/ul
 RT: 21.380 min Scan# 3092
 Delta R.T. 0.006 min
 Lab File: BP012933.D
 Acq: 02 Dec 2022 11:28

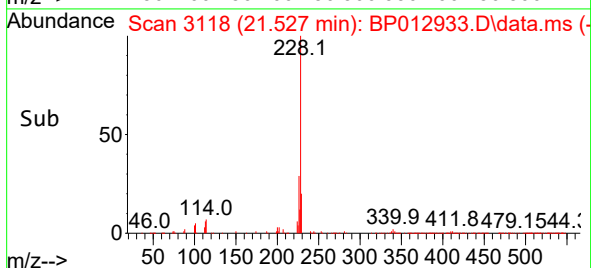
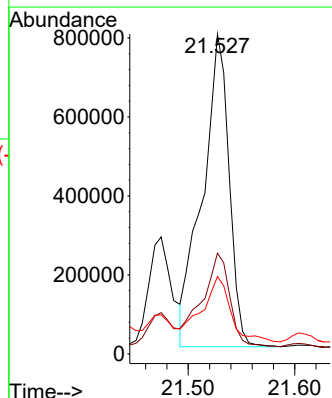
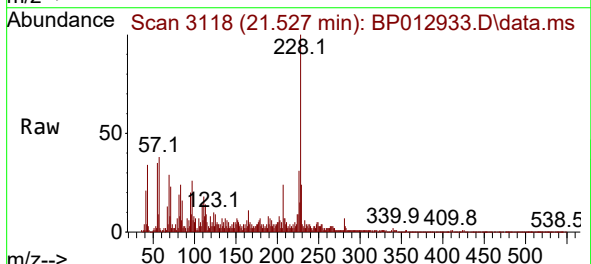
Instrument :
 BNA_P
 ClientSampleId :
 GBNJ2

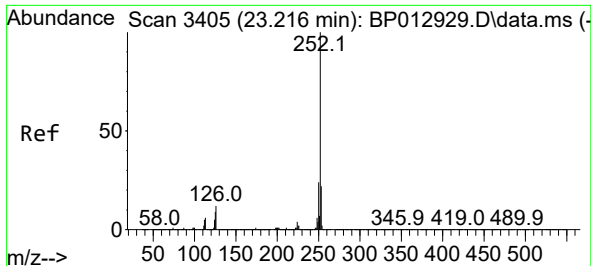
Tgt Ion:149 Resp: 565538
 Ion Ratio Lower Upper
 149 100
 167 35.1 22.6 33.8#
 279 6.3 3.5 5.3#



#87
 Chrysene
 Concen: 5.658 ng/ul
 RT: 21.527 min Scan# 3118
 Delta R.T. 0.006 min
 Lab File: BP012933.D
 Acq: 02 Dec 2022 11:28

Tgt Ion:228 Resp: 1375513
 Ion Ratio Lower Upper
 228 100
 226 31.5 24.3 36.5
 229 24.2 16.2 24.2

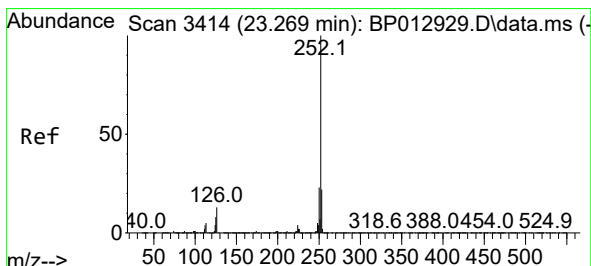
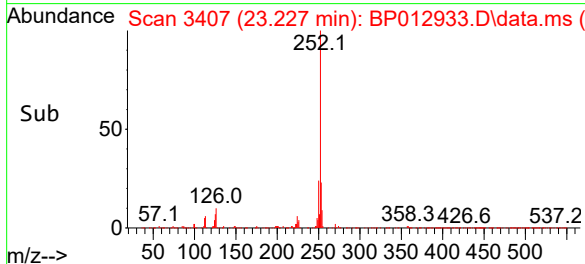
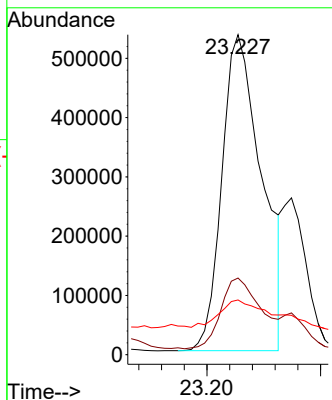
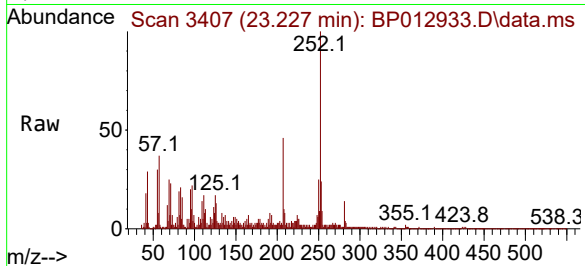




#90
Benzo(b)fluoranthene
Concen: 5.100 ng/ul
RT: 23.227 min Scan# 3407
Delta R.T. 0.006 min
Lab File: BP012933.D
Acq: 02 Dec 2022 11:28

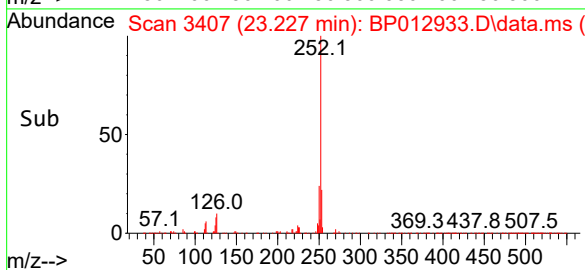
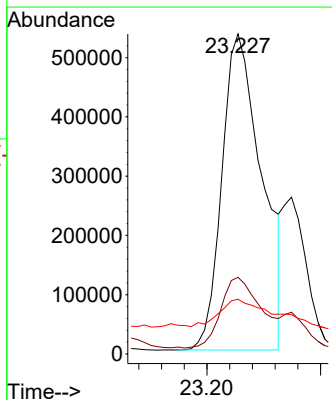
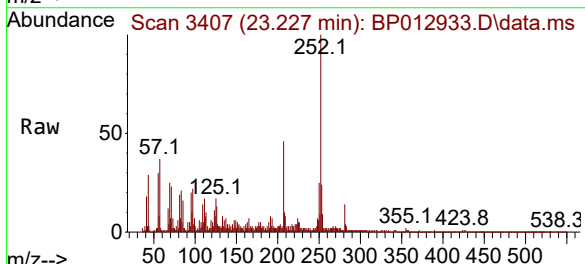
Instrument :
BNA_P
ClientSampleId :
GBNJ2

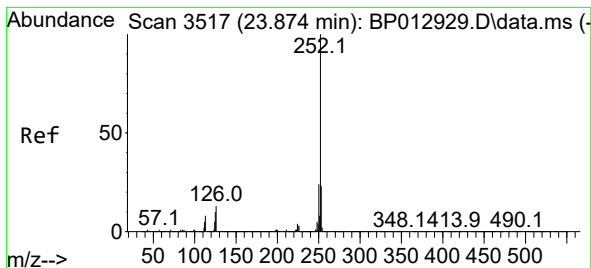
Tgt Ion:252 Resp: 1301766
Ion Ratio Lower Upper
252 100
253 24.0 17.8 26.6
125 17.1 7.1 10.7#



#91
Benzo(k)fluoranthene
Concen: 5.378 ng/ul
RT: 23.227 min Scan# 3407
Delta R.T. -0.047 min
Lab File: BP012933.D
Acq: 02 Dec 2022 11:28

Tgt Ion:252 Resp: 1301766
Ion Ratio Lower Upper
252 100
253 24.0 17.6 26.4
125 17.1 7.1 10.7#





#93

Benzo(a)pyrene

Concen: 1.665 ng/ul

RT: 23.886 min Scan# 3

Delta R.T. 0.012 min

Lab File: BP012933.D

Acq: 02 Dec 2022 11:28

Instrument :

BNA_P

ClientSampleId :

GBNJ2

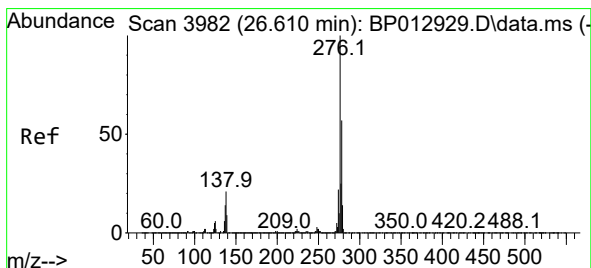
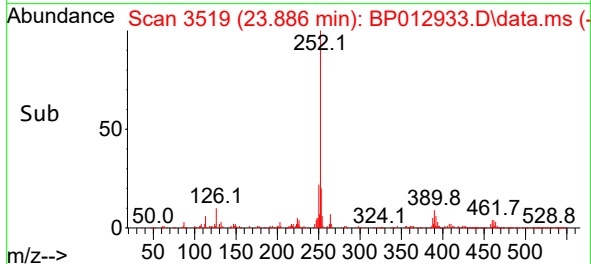
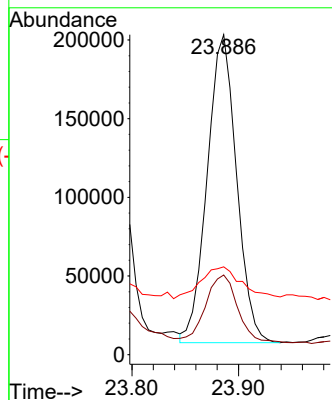
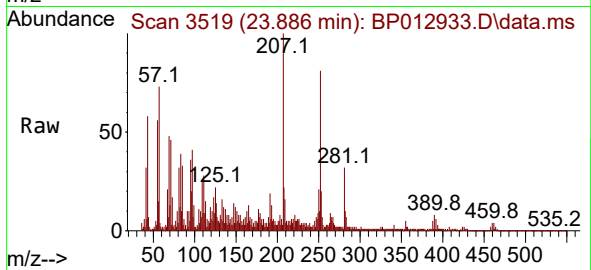
Tgt Ion:252 Resp: 375126

Ion Ratio Lower Upper

252 100

253 24.9 17.7 26.5

125 27.5 8.2 12.2#



#94

Indeno(1,2,3-cd)pyrene

Concen: 1.299 ng/ul

RT: 26.627 min Scan# 3985

Delta R.T. 0.012 min

Lab File: BP012933.D

Acq: 02 Dec 2022 11:28

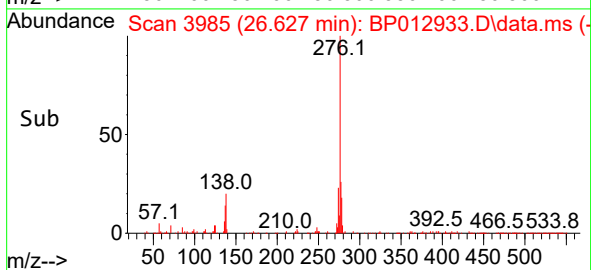
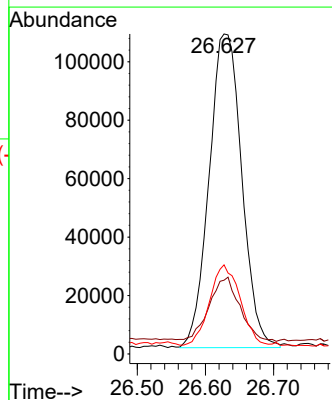
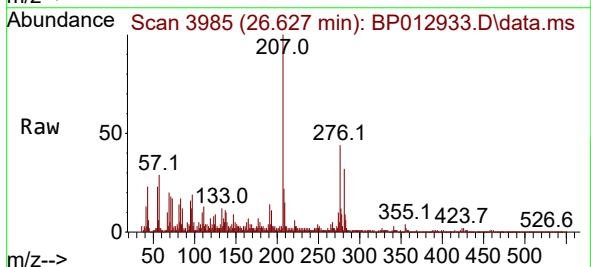
Tgt Ion:276 Resp: 358237

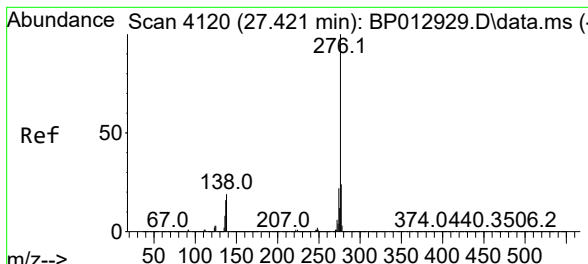
Ion Ratio Lower Upper

276 100

138 23.1 17.9 26.9

277 27.9 19.9 29.9





#96
 Benzo(g,h,i)perylene
 Concen: 1.119 ng/ul
 RT: 27.439 min Scan# 41
 Delta R.T. 0.018 min
 Lab File: BP012933.D
 Acq: 02 Dec 2022 11:28

Instrument :
 BNA_P
 ClientSampleId :
 GBNJ2

Tgt Ion:	276	Resp:	267923
Ion	Ratio	Lower	Upper
276	100		
138	22.7	15.9	23.9
277	27.6	19.2	28.8

