

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082824\
 Data File : BG062605.D
 Acq On : 28 Aug 2024 21:26
 Operator : MA/JU
 Sample : P3760-02 10X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ASPHALT-MOUND

Quant Time: Aug 29 00:29:05 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 28 00:59:59 2024
 Response via : Initial Calibration

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

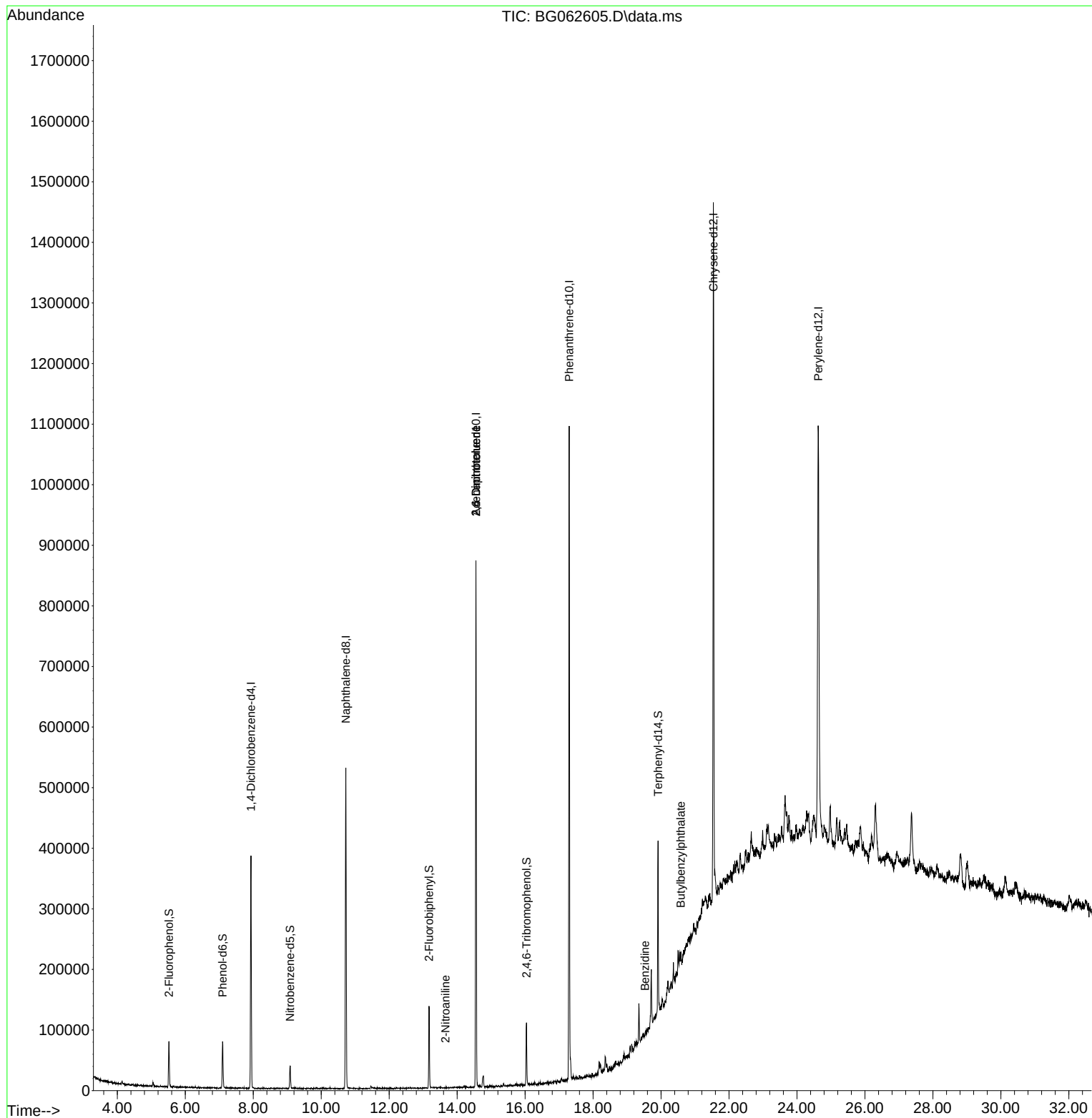
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.932	152	110267	20.000	ng	0.00
21) Naphthalene-d8	10.723	136	443590	20.000	ng	0.00
39) Acenaphthene-d10	14.554	164	306076	20.000	ng	0.00
64) Phenanthrene-d10	17.298	188	694180	20.000	ng	0.00
76) Chrysene-d12	21.540	240	687385	20.000	ng	0.00
86) Perylene-d12	24.624	264	790615	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.517	112	34776	5.658	ng	0.00
7) Phenol-d6	7.098	99	46285	5.287	ng	0.00
23) Nitrobenzene-d5	9.084	82	24611	3.682	ng	0.00
42) 2,4,6-Tribromophenol	16.040	330	21853	6.463	ng	0.00
45) 2-Fluorobiphenyl	13.173	172	75861	4.075	ng	0.00
79) Terphenyl-d14	19.912	244	144653	4.400	ng	0.00
Target Compounds						
						Qvalue
48) 2-Nitroaniline	13.661	65	57	3.619	ng	# 9
51) 2,6-Dinitrotoluene	14.554	165	39312	13.207	ng	# 20
57) 2,4-Dinitrotoluene	14.554	165	39312	8.650	ng	# 21
77) Benzidine	19.530	184	529	4.411	ng	# 1
80) Butylbenzylphthalate	20.582	149	521	4.986	ng	# 29

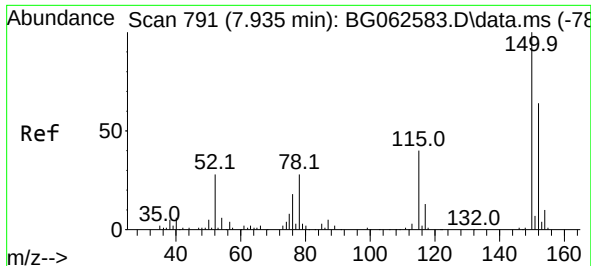
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082824\
Data File : BG062605.D
Acq On : 28 Aug 2024 21:26
Operator : MA/JU
Sample : P3760-02 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
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Quant Time: Aug 29 00:29:05 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 28 00:59:59 2024
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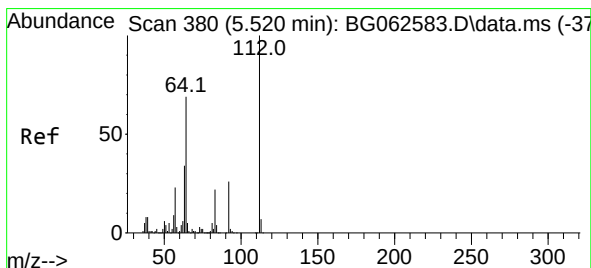
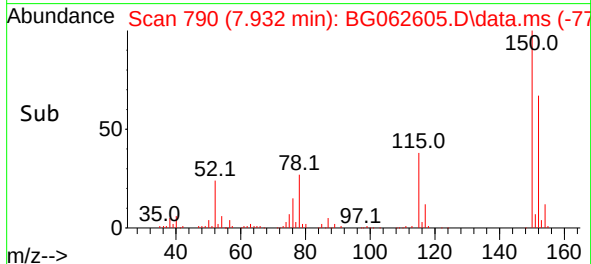
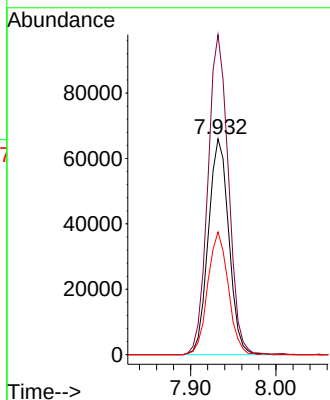
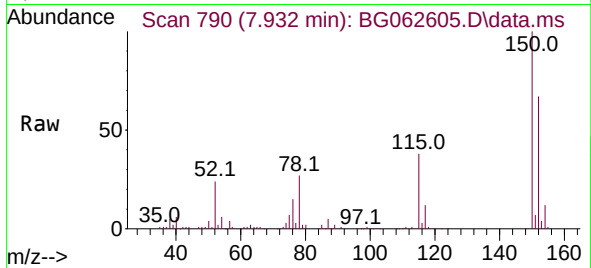




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.932 min Scan# 791
 Delta R.T. -0.003 min
 Lab File: BG062605.D
 Acq: 28 Aug 2024 21:26

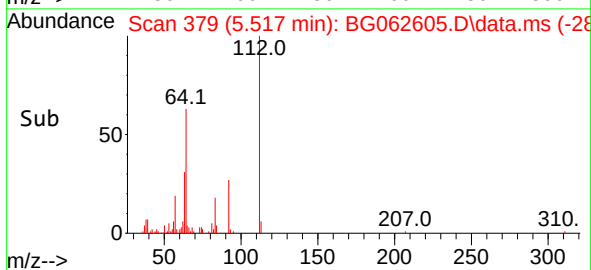
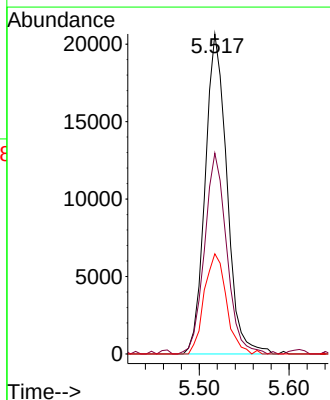
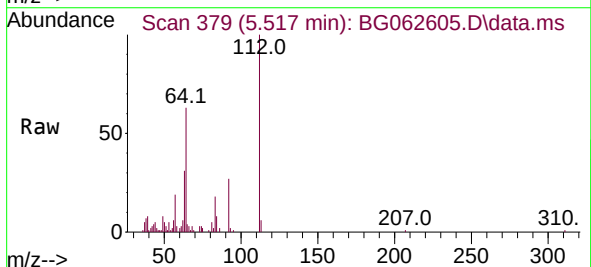
Instrument :
 BNA_G
 ClientSampleId :
 ASPHALT-MOUND

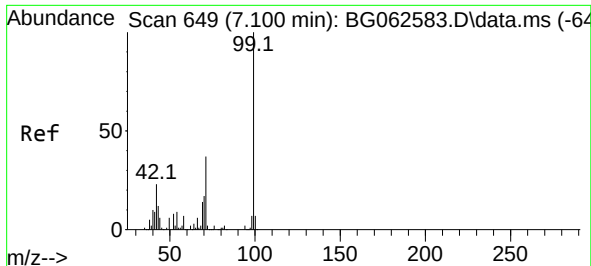
Tgt Ion:152 Resp: 110267
 Ion Ratio Lower Upper
 152 100
 150 148.3 125.1 187.7
 115 56.9 50.6 76.0



#5
 2-Fluorophenol
 Concen: 5.658 ng
 RT: 5.517 min Scan# 379
 Delta R.T. -0.002 min
 Lab File: BG062605.D
 Acq: 28 Aug 2024 21:26

Tgt Ion:112 Resp: 34776
 Ion Ratio Lower Upper
 112 100
 64 62.8 55.5 83.3
 63 31.3 27.4 41.2

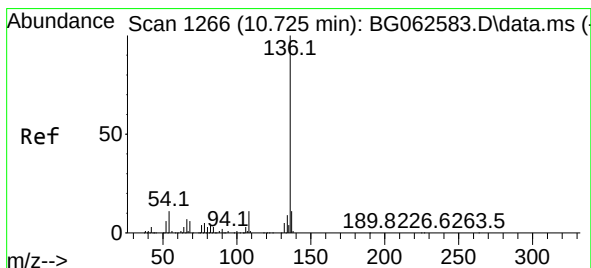
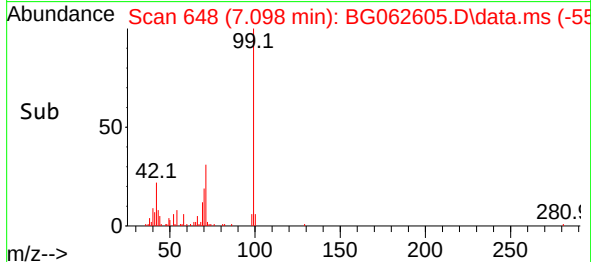
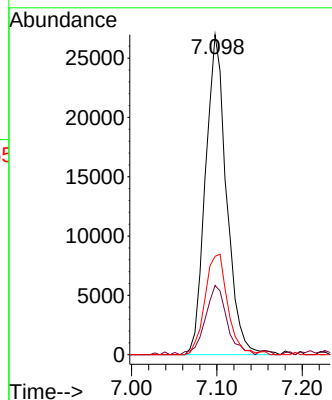
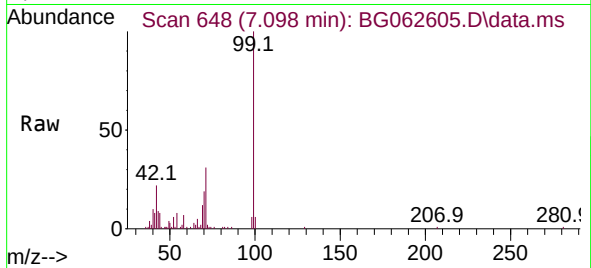




#7
Phenol-d6
Concen: 5.287 ng
RT: 7.098 min Scan# 64
Delta R.T. -0.002 min
Lab File: BG062605.D
Acq: 28 Aug 2024 21:26

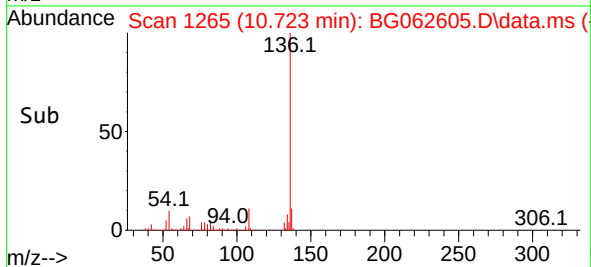
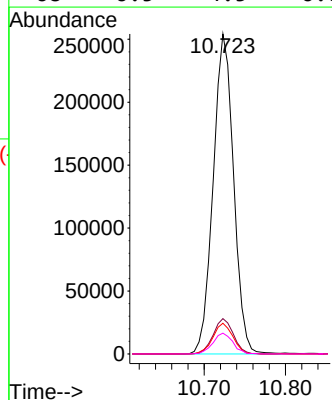
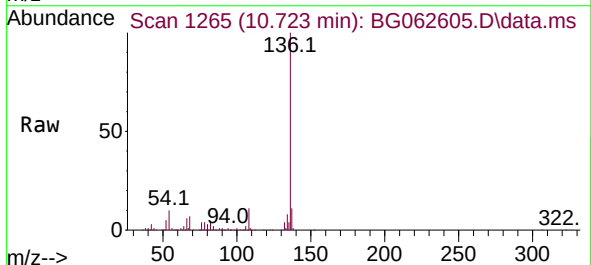
Instrument :
BNA_G
ClientSampleId :
ASPHALT-MOUND

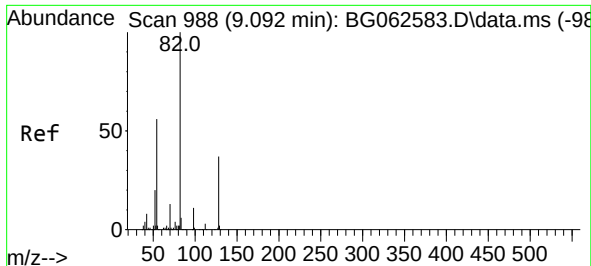
Tgt Ion: 99 Resp: 46285
Ion Ratio Lower Upper
99 100
42 21.6 18.7 28.1
71 30.8 29.8 44.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.723 min Scan# 1265
Delta R.T. -0.002 min
Lab File: BG062605.D
Acq: 28 Aug 2024 21:26

Tgt Ion: 136 Resp: 443590
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 9.6 9.0 13.4
68 6.5 4.5 6.7

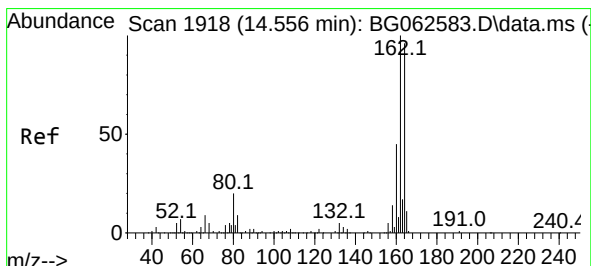
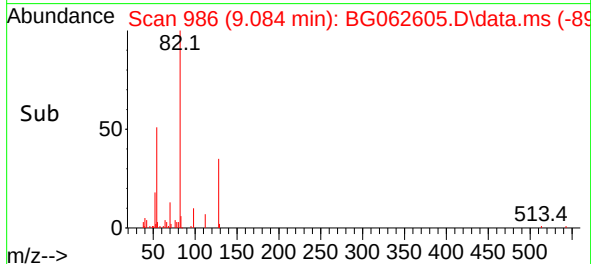
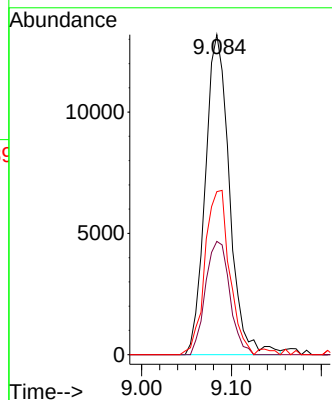
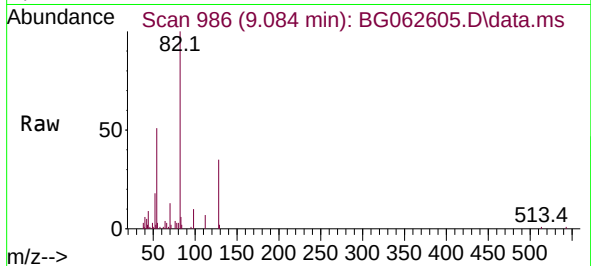




#23
Nitrobenzene-d5
Concen: 3.682 ng
RT: 9.084 min Scan# 91
Delta R.T. -0.008 min
Lab File: BG062605.D
Acq: 28 Aug 2024 21:26

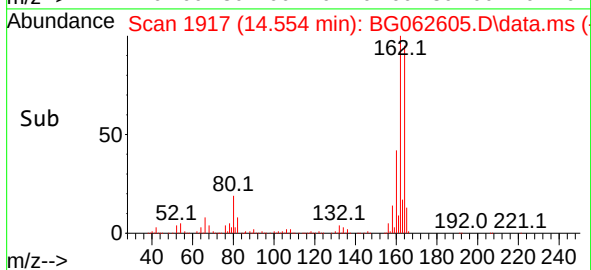
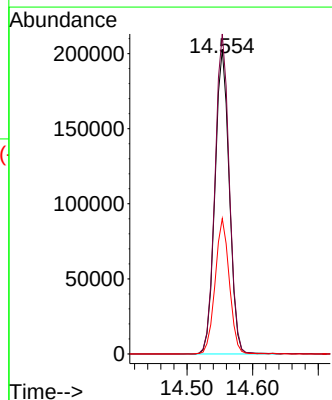
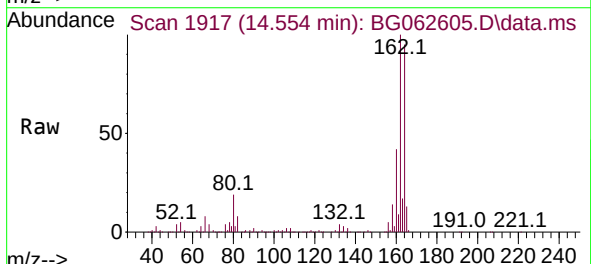
Instrument :
BNA_G
ClientSampleId :
ASPHALT-MOUND

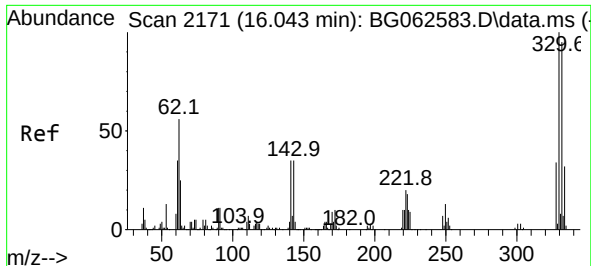
Tgt Ion: 82 Resp: 24611
Ion Ratio Lower Upper
82 100
128 35.4 29.7 44.5
54 51.0 44.4 66.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.554 min Scan# 1917
Delta R.T. -0.002 min
Lab File: BG062605.D
Acq: 28 Aug 2024 21:26

Tgt Ion: 164 Resp: 306076
Ion Ratio Lower Upper
164 100
162 105.0 83.0 124.6
160 44.4 37.7 56.5

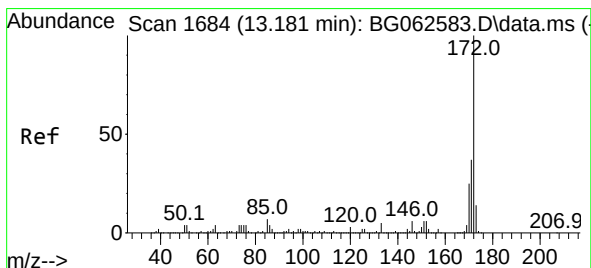
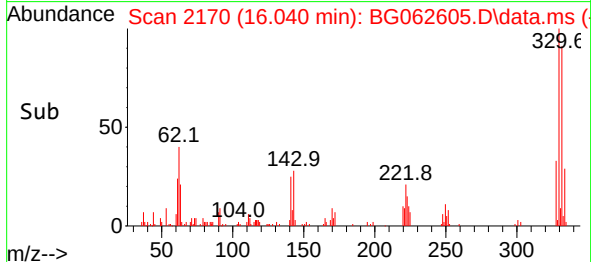
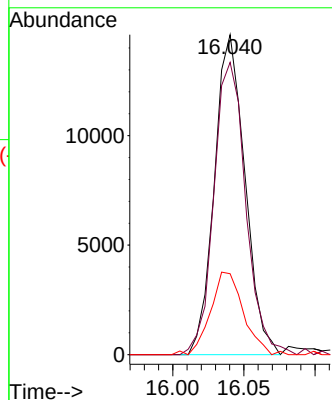
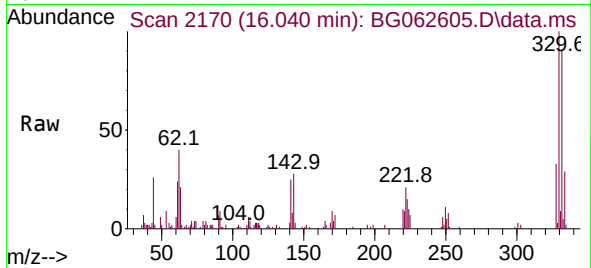




#42
2,4,6-Tribromophenol
Concen: 6.463 ng
RT: 16.040 min Scan# 2171
Delta R.T. -0.002 min
Lab File: BG062605.D
Acq: 28 Aug 2024 21:26

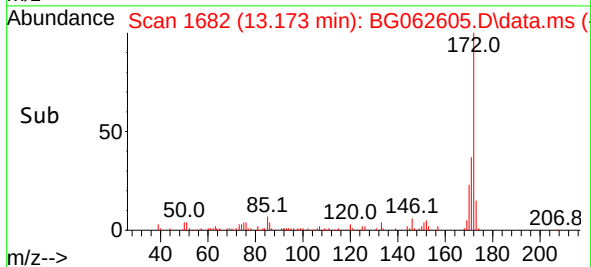
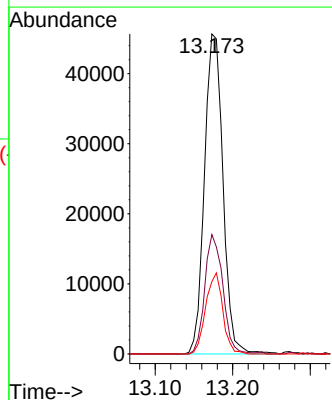
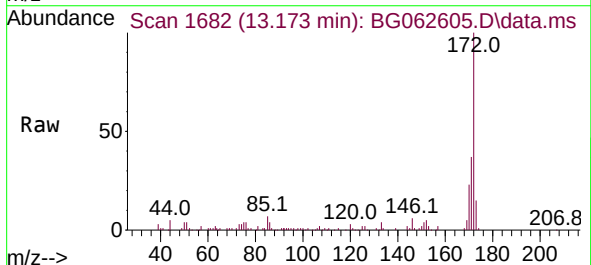
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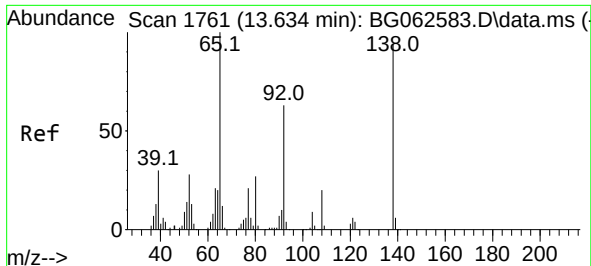
Tgt Ion:330 Resp: 21853
Ion Ratio Lower Upper
330 100
332 95.2 77.6 116.4
141 27.8 26.5 39.7



#45
2-Fluorobiphenyl
Concen: 4.075 ng
RT: 13.173 min Scan# 1682
Delta R.T. -0.008 min
Lab File: BG062605.D
Acq: 28 Aug 2024 21:26

Tgt Ion:172 Resp: 75861
Ion Ratio Lower Upper
172 100
171 37.3 29.7 44.5
170 22.6 20.1 30.1

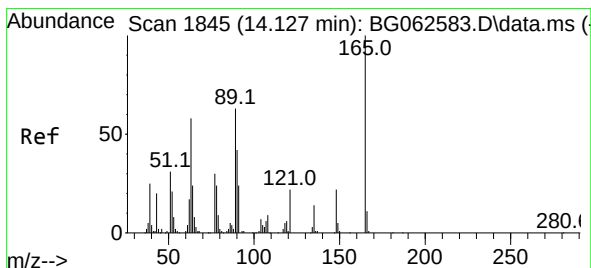
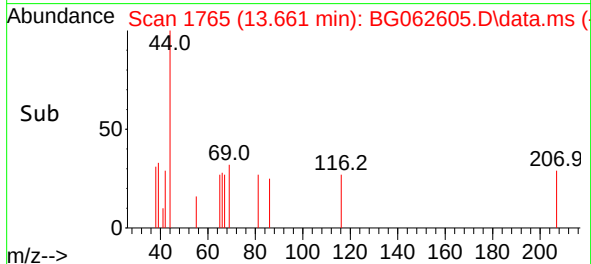
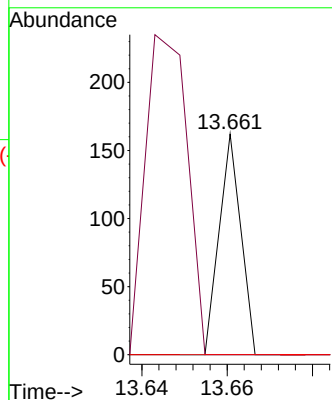
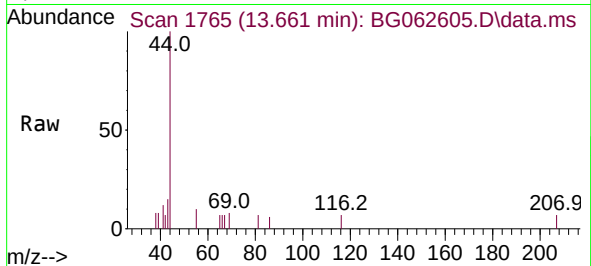




#48
2-Nitroaniline
Concen: 3.619 ng
RT: 13.661 min Scan# 11
Delta R.T. 0.027 min
Lab File: BG062605.D
Acq: 28 Aug 2024 21:26

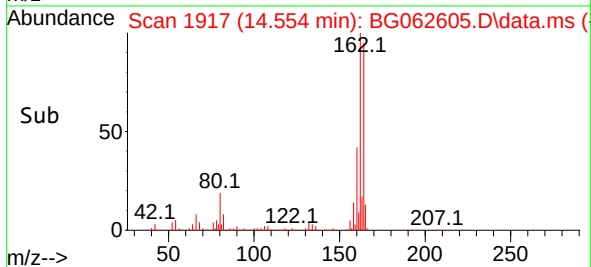
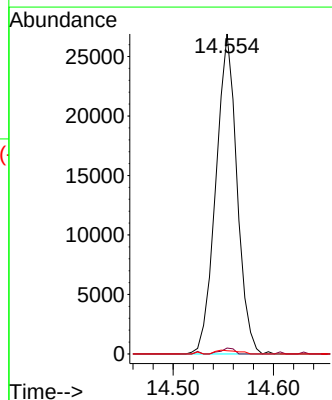
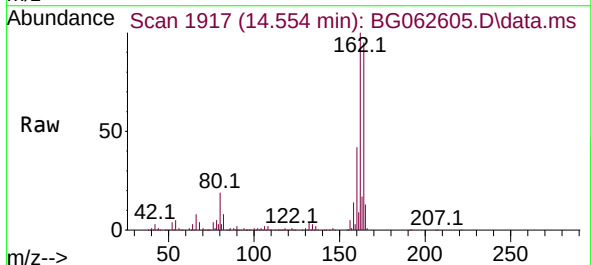
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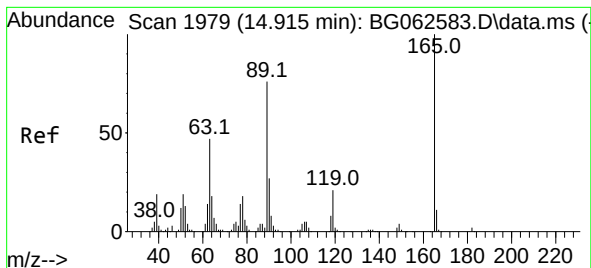
Tgt Ion: 65 Resp: 57
Ion Ratio Lower Upper
65 100
92 0.0 50.6 76.0#
138 0.0 75.4 113.2#



#51
2,6-Dinitrotoluene
Concen: 13.207 ng
RT: 14.554 min Scan# 1917
Delta R.T. 0.427 min
Lab File: BG062605.D
Acq: 28 Aug 2024 21:26

Tgt Ion: 165 Resp: 39312
Ion Ratio Lower Upper
165 100
63 1.9 51.0 76.6#
89 1.0 50.6 76.0#

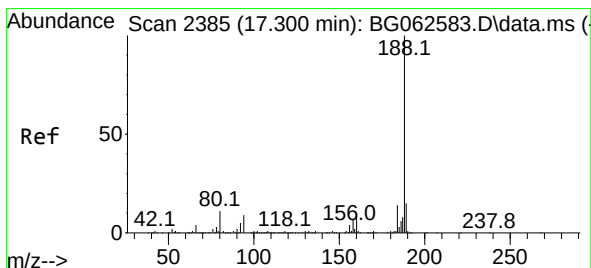
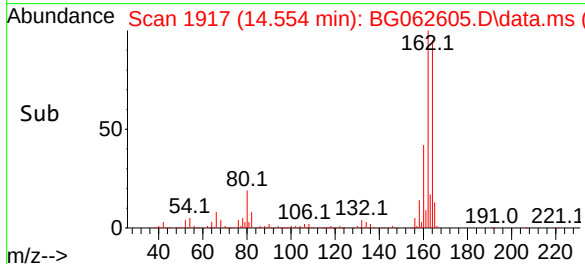
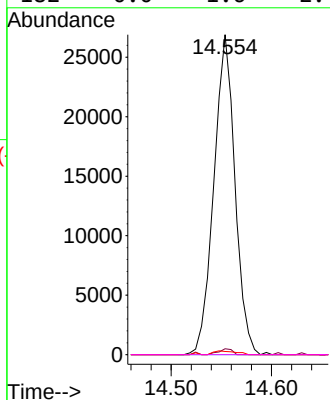
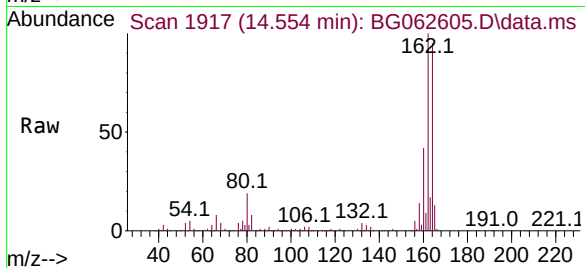




#57
2,4-Dinitrotoluene
Concen: 8.650 ng
RT: 14.554 min Scan# 1979
Delta R.T. -0.361 min
Lab File: BG062605.D
Acq: 28 Aug 2024 21:26

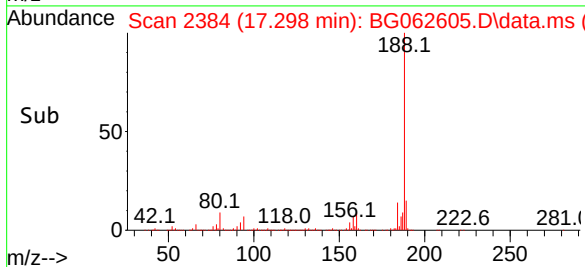
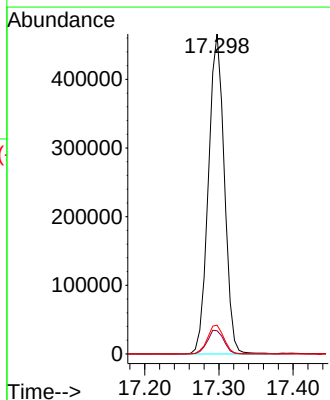
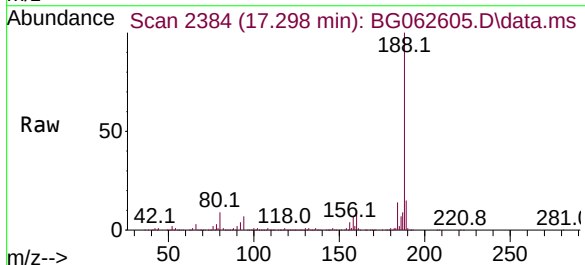
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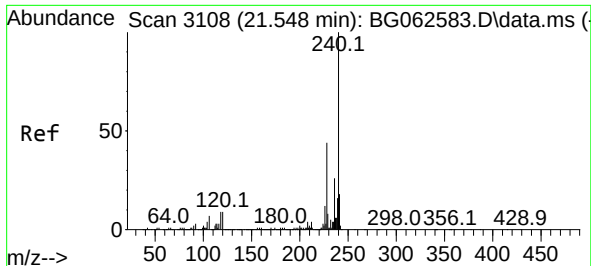
Tgt Ion:165 Resp: 39312
Ion Ratio Lower Upper
165 100
63 1.9 37.5 56.3#
89 1.0 60.8 91.2#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.298 min Scan# 2384
Delta R.T. -0.002 min
Lab File: BG062605.D
Acq: 28 Aug 2024 21:26

Tgt Ion:188 Resp: 694180
Ion Ratio Lower Upper
188 100
94 7.2 7.0 10.6
80 9.0 8.4 12.6

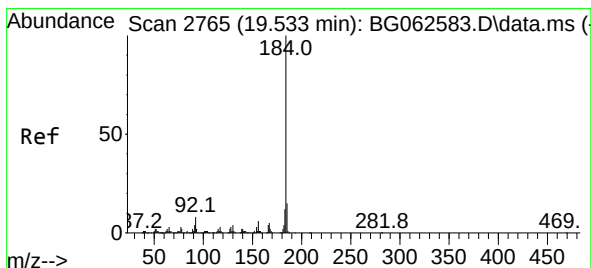
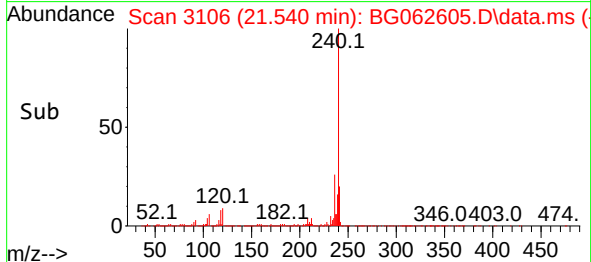
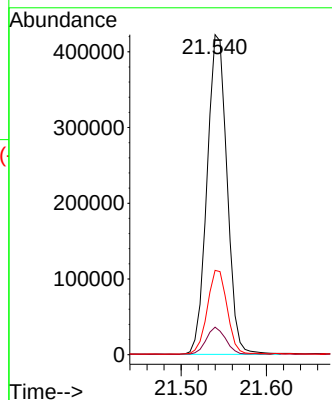
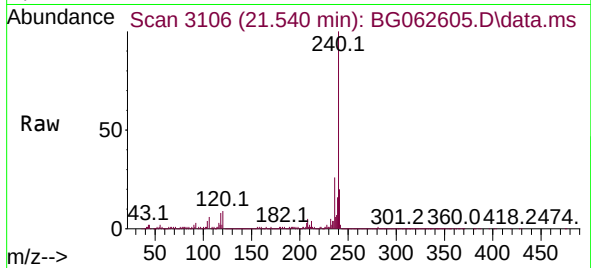




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.540 min Scan# 3108
Delta R.T. -0.008 min
Lab File: BG062605.D
Acq: 28 Aug 2024 21:26

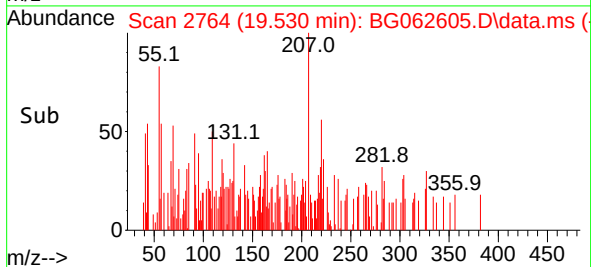
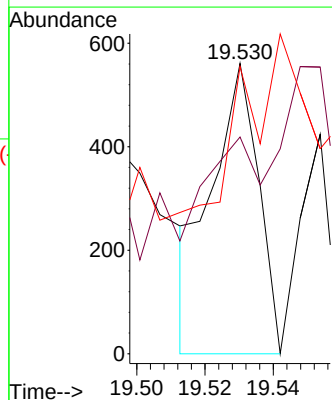
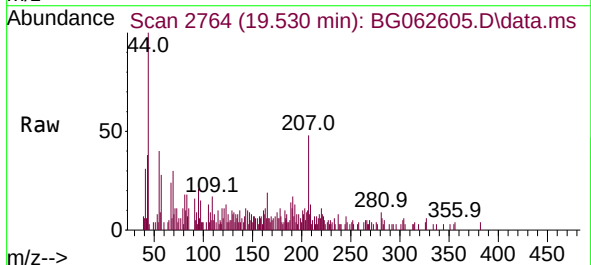
Instrument :
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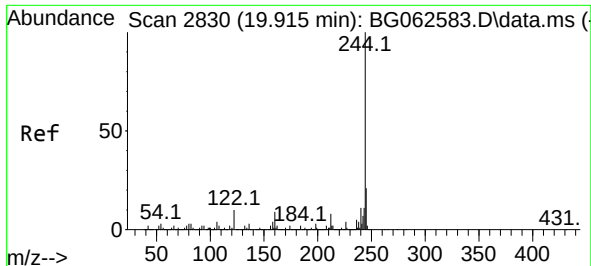
Tgt Ion:240 Resp: 687385
Ion Ratio Lower Upper
240 100
120 8.6 7.4 11.0
236 26.4 20.5 30.7



#77
Benzidine
Concen: 4.411 ng
RT: 19.530 min Scan# 2764
Delta R.T. -0.003 min
Lab File: BG062605.D
Acq: 28 Aug 2024 21:26

Tgt Ion:184 Resp: 529
Ion Ratio Lower Upper
184 100
185 74.7 11.8 17.8#
183 98.9 9.3 13.9#

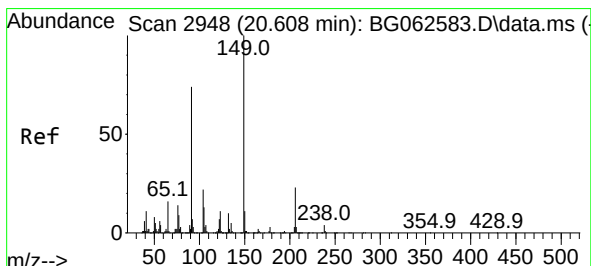
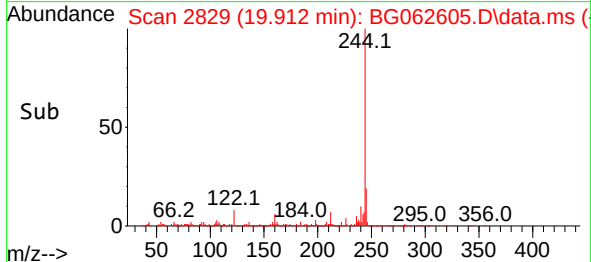
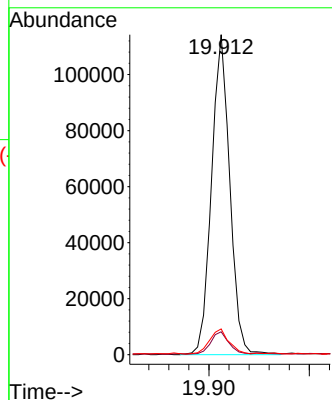
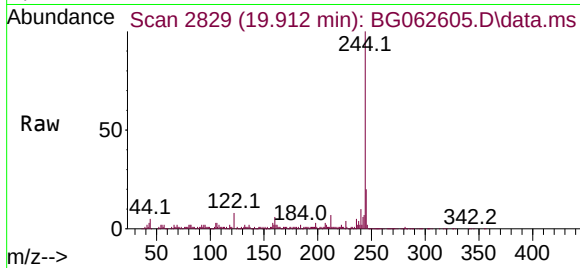




#79
 Terphenyl-d14
 Concen: 4.400 ng
 RT: 19.912 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG062605.D
 Acq: 28 Aug 2024 21:26

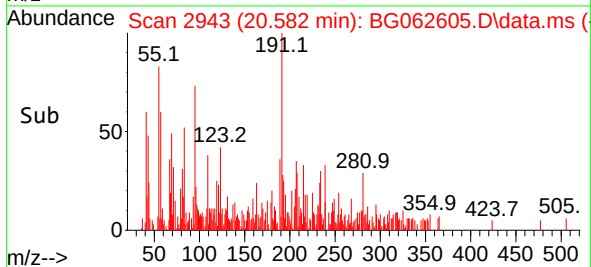
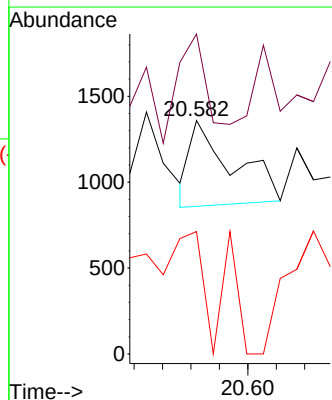
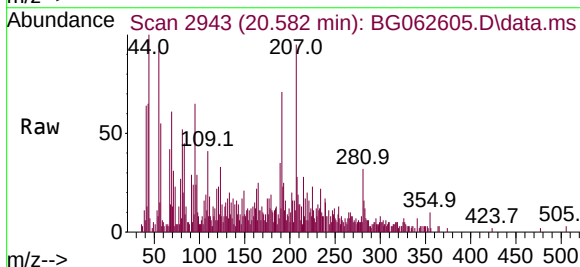
Instrument :
 BNA_G
 ClientSampleId :
 ASPHALT-MOUND

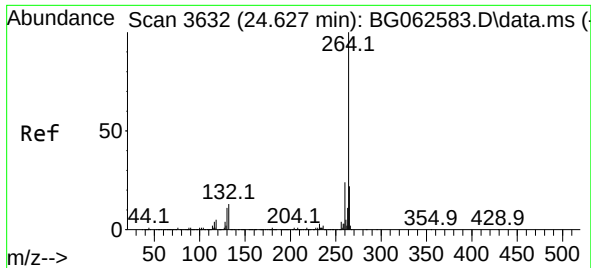
Tgt Ion:244 Resp: 144653
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.7 10.1
 122 8.0 8.4 12.6#



#80
 Butylbenzylphthalate
 Concen: 4.986 ng
 RT: 20.582 min Scan# 2943
 Delta R.T. -0.026 min
 Lab File: BG062605.D
 Acq: 28 Aug 2024 21:26

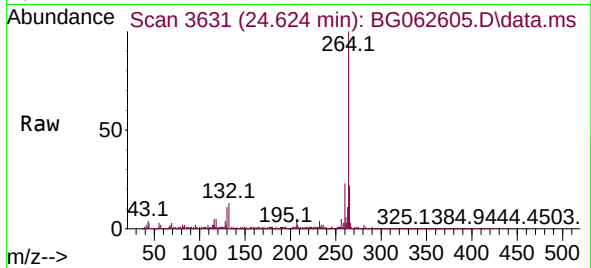
Tgt Ion:149 Resp: 521
 Ion Ratio Lower Upper
 149 100
 91 137.1 59.0 88.6#
 206 52.5 18.5 27.7#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.624 min Scan# 30
Delta R.T. -0.002 min
Lab File: BG062605.D
Acq: 28 Aug 2024 21:26

Instrument :
BNA_G
ClientSampleId :
ASPHALT-MOUND



Tgt Ion:	264	Resp:	790615
Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.0	28.4
265	21.9	17.8	26.6

