

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011224\
 Data File : BG060315.D
 Acq On : 12 Jan 2024 14:28
 Operator : MA/JU
 Sample : P1123-01
 Misc : 8270 SURROGATES
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BASIN-5-TRUCK-STOP-TOP

Quant Time: Jan 12 15:25:41 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 09 04:07:12 2024
 Response via : Initial Calibration

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

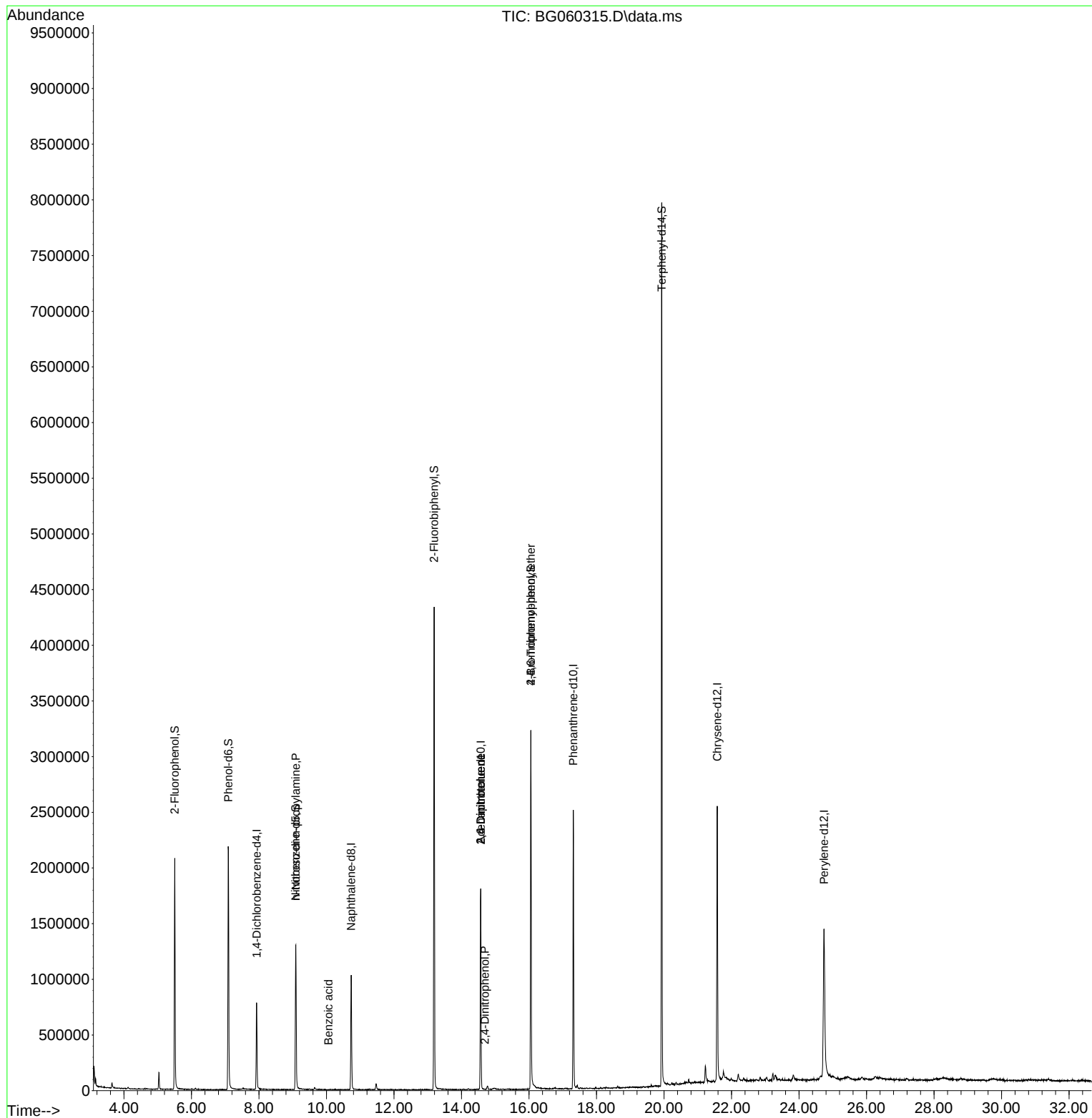
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.929	152	239682	20.000	ng	0.00
21) Naphthalene-d8	10.732	136	923692	20.000	ng	0.00
39) Acenaphthene-d10	14.568	164	658973	20.000	ng	0.00
64) Phenanthrene-d10	17.312	188	1668727	20.000	ng	0.00
76) Chrysene-d12	21.578	240	1612980	20.000	ng	0.00
86) Perylene-d12	24.739	264	1802094	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.502	112	989285	67.888	ng	0.00
7) Phenol-d6	7.089	99	1535390	71.155	ng	0.00
23) Nitrobenzene-d5	9.086	82	953339	48.736	ng	0.00
42) 2,4,6-Tribromophenol	16.055	330	719890	74.251	ng	0.00
45) 2-Fluorobiphenyl	13.188	172	2472911	52.174	ng	0.00
79) Terphenyl-d14	19.933	244	4057518	55.600	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.092	70	114407	7.661	ng	# 83
32) Benzoic acid	10.056	122	100	10.210	ng	# 1
51) 2,6-Dinitrotoluene	14.568	165	87542	8.147	ng	# 34
54) 2,4-Dinitrophenol	14.692	184	59	8.595	ng	# 27
57) 2,4-Dinitrotoluene	14.568	165	87542	5.941	ng	# 26
67) 4-Bromophenyl-phenylether	16.055	248	42742	2.331	ng	# 1

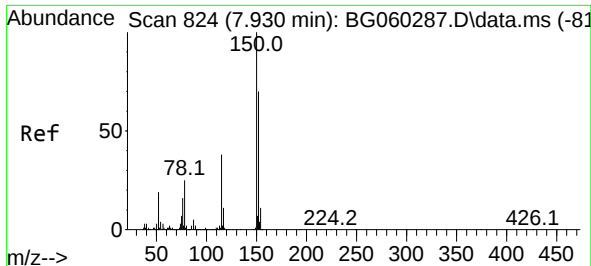
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BG060315.D
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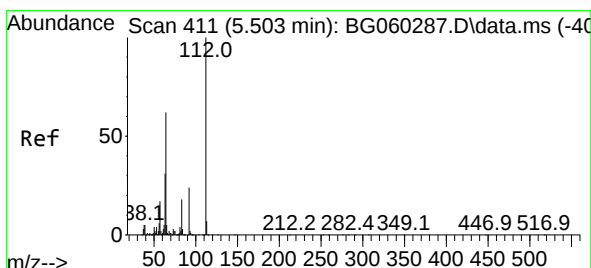
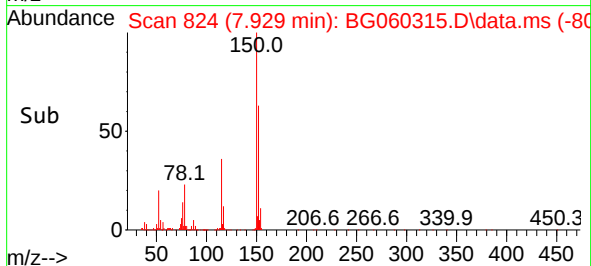
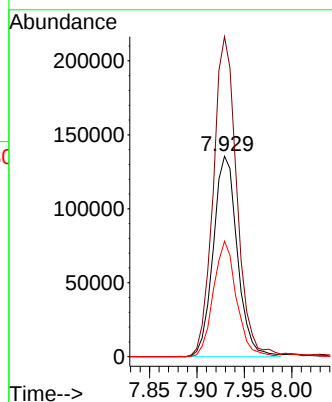
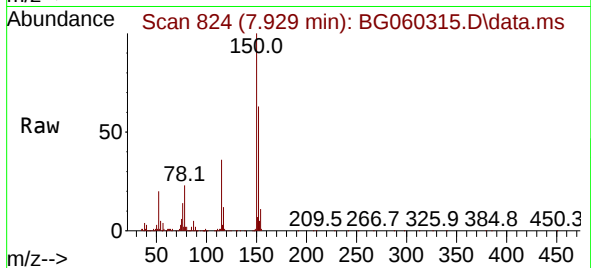




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.929 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG060315.D
Acq: 12 Jan 2024 14:28

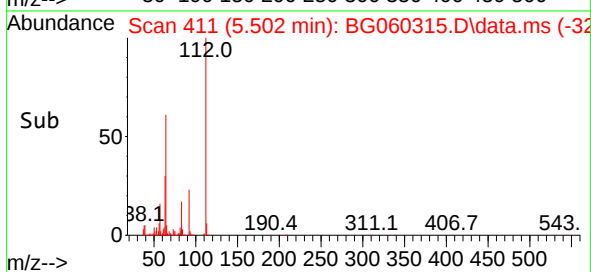
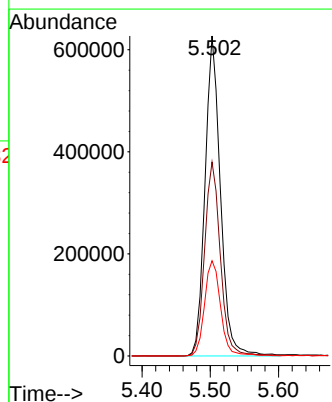
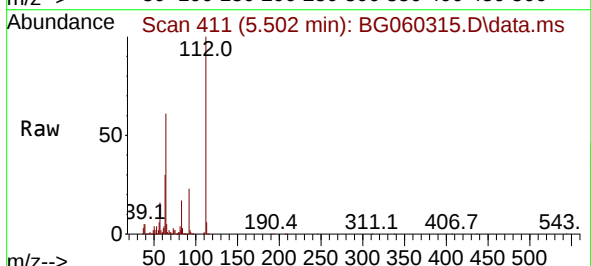
Instrument :
BNA_G
ClientSampleId :
BASIN-5-TRUCK-STOP-TOP

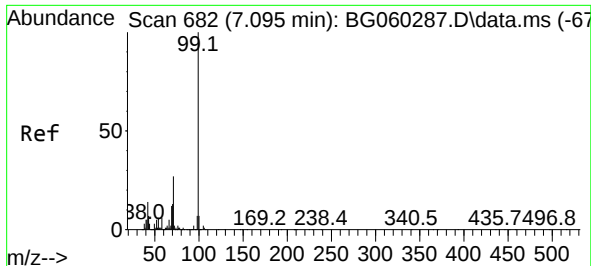
Tgt Ion:152 Resp: 239682
Ion Ratio Lower Upper
152 100
150 159.6 114.5 171.7
115 57.6 43.0 64.6



#5
2-Fluorophenol
Concen: 67.888 ng
RT: 5.502 min Scan# 411
Delta R.T. -0.001 min
Lab File: BG060315.D
Acq: 12 Jan 2024 14:28

Tgt Ion:112 Resp: 989285
Ion Ratio Lower Upper
112 100
64 60.6 49.8 74.6
63 29.7 24.4 36.6

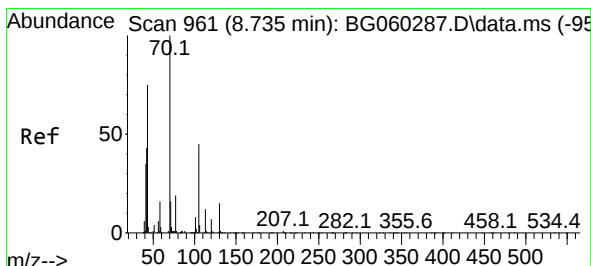
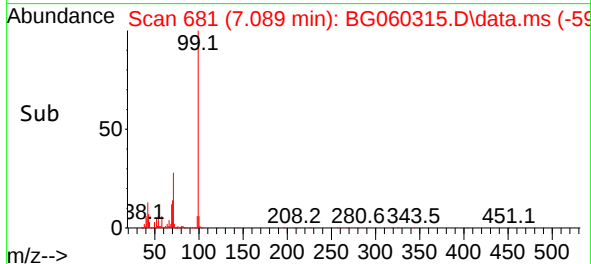
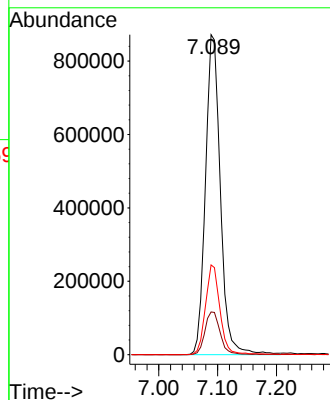
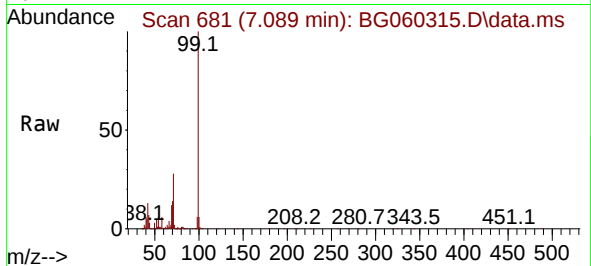




#7
Phenol-d6
Concen: 71.155 ng
RT: 7.089 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG060315.D
Acq: 12 Jan 2024 14:28

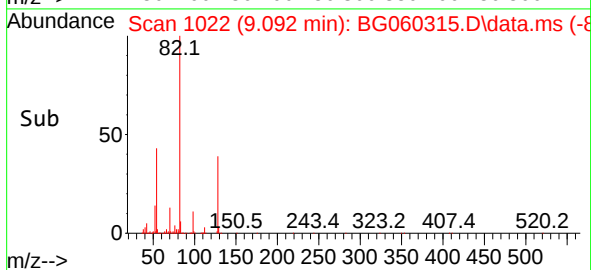
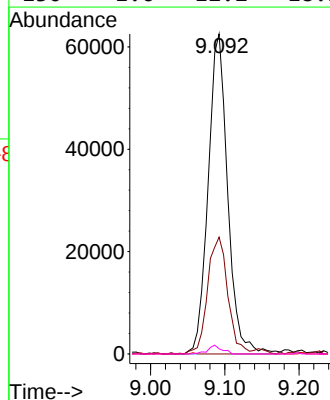
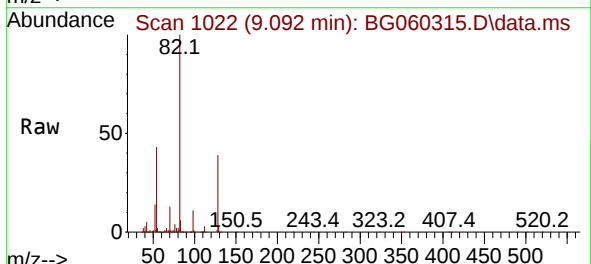
Instrument :
BNA_G
ClientSampleId :
BASIN-5-TRUCK-STOP-TOP

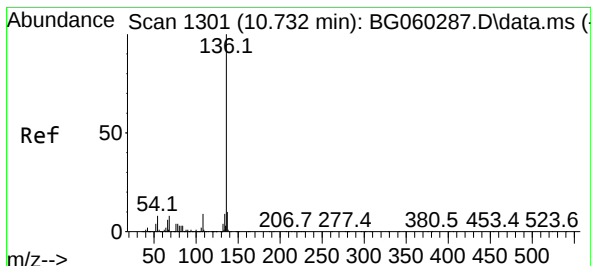
Tgt Ion: 99 Resp: 1535390
Ion Ratio Lower Upper
99 100
42 13.4 10.9 16.3
71 28.1 21.5 32.3



#19
n-Nitroso-di-n-propylamine
Concen: 7.661 ng
RT: 9.092 min Scan# 1022
Delta R.T. 0.358 min
Lab File: BG060315.D
Acq: 12 Jan 2024 14:28

Tgt Ion: 70 Resp: 114407
Ion Ratio Lower Upper
70 100
42 36.5 34.3 51.5
101 0.0 6.2 9.2#
130 1.6 12.2 18.2#

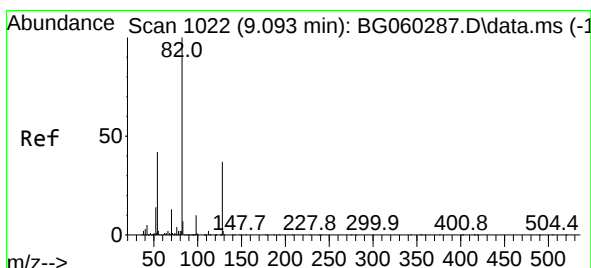
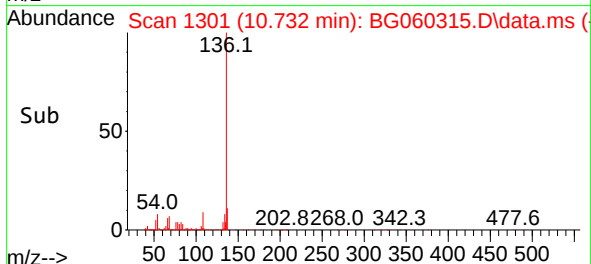
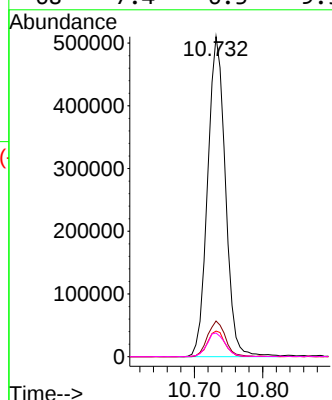
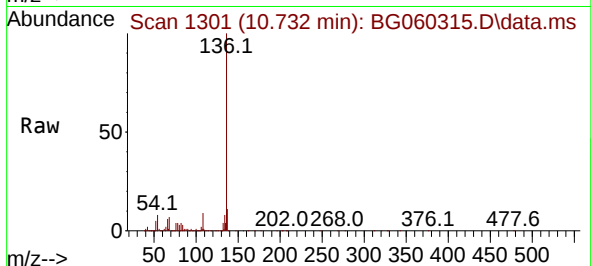




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.732 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG060315.D
Acq: 12 Jan 2024 14:28

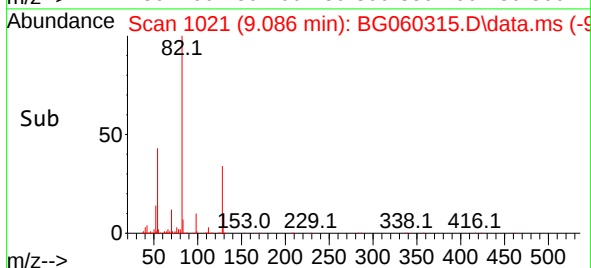
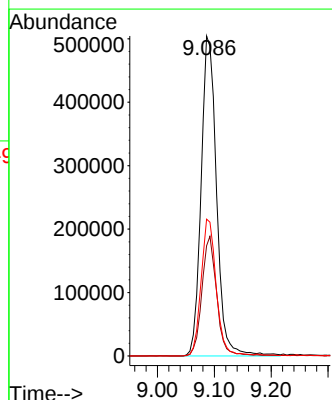
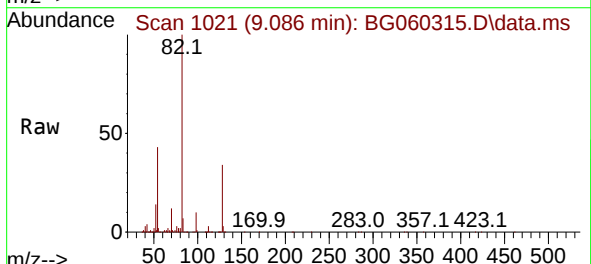
Instrument :
BNA_G
ClientSampleId :
BASIN-5-TRUCK-STOP-TOP

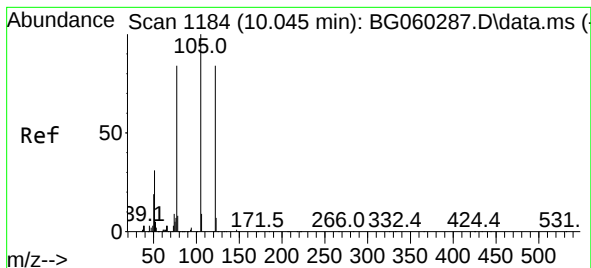
Tgt Ion:	136	Resp:	923692
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.2	12.4
54	8.0	6.2	9.2
68	7.4	6.3	9.5



#23
Nitrobenzene-d5
Concen: 48.736 ng
RT: 9.086 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BG060315.D
Acq: 12 Jan 2024 14:28

Tgt Ion:	82	Resp:	953339
Ion Ratio	Lower	Upper	
82	100		
128	34.4	29.6	44.4
54	42.8	33.6	50.4





#32

Benzoic acid

Concen: 10.210 ng

RT: 10.056 min Scan# 1184

Delta R.T. 0.011 min

Lab File: BG060315.D

Acq: 12 Jan 2024 14:28

Instrument :

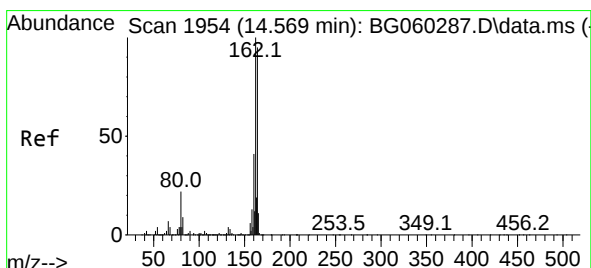
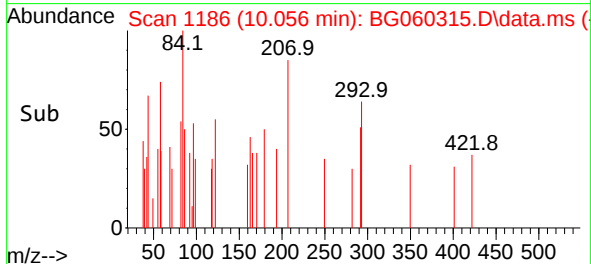
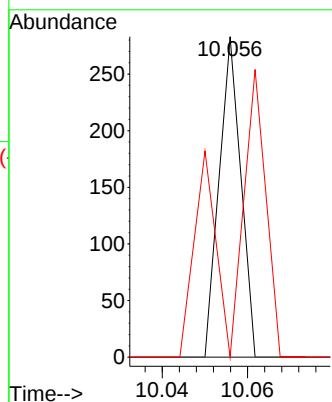
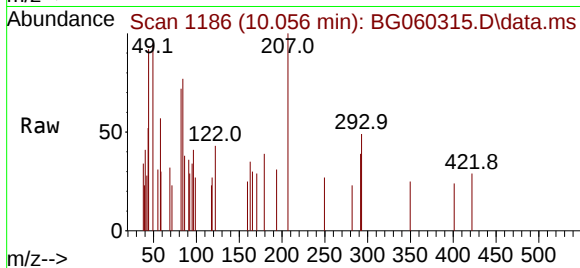
BNA_G

ClientSampleId :

BASIN-5-TRUCK-STOP-TOP

Tgt Ion:122 Resp: 100

Ion	Ratio	Lower	Upper
122	100		
105	0.0	96.0	136.0#
77	0.0	80.1	120.1#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.568 min Scan# 1954

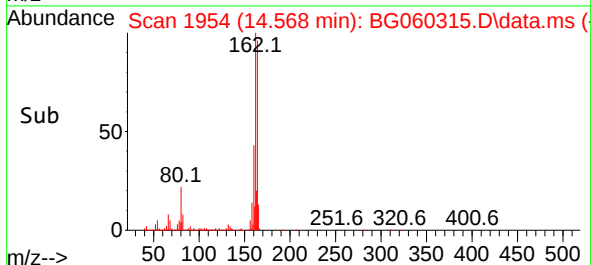
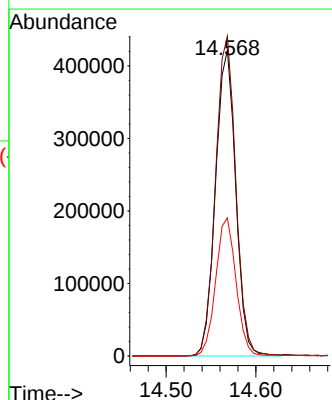
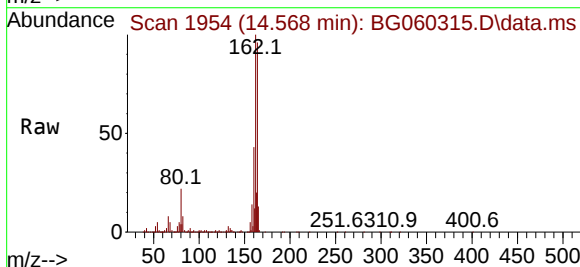
Delta R.T. -0.001 min

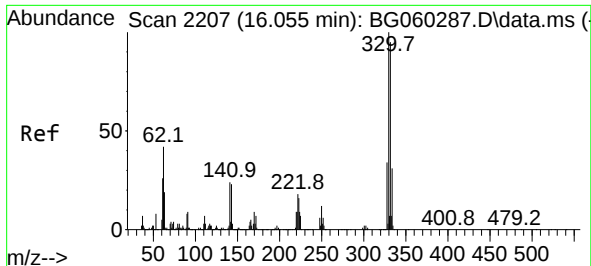
Lab File: BG060315.D

Acq: 12 Jan 2024 14:28

Tgt Ion:164 Resp: 658973

Ion	Ratio	Lower	Upper
164	100		
162	104.5	84.4	126.6
160	45.1	34.6	52.0

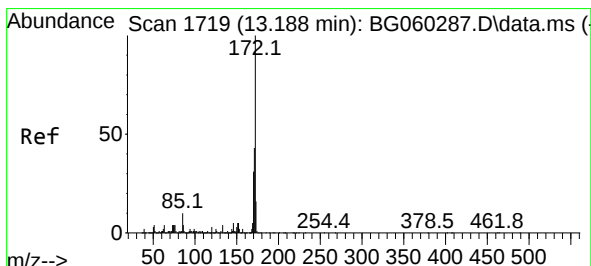
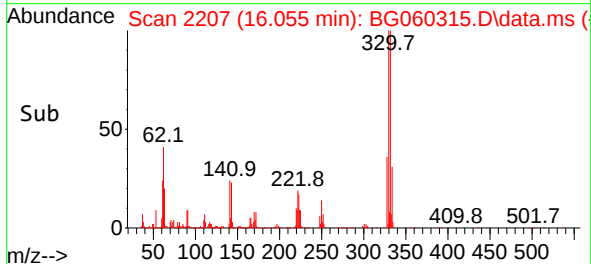
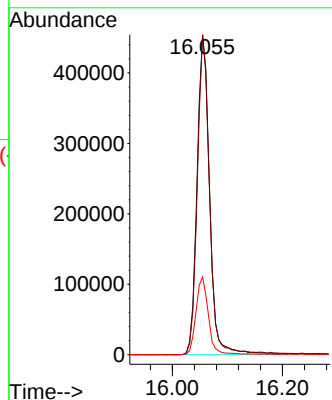
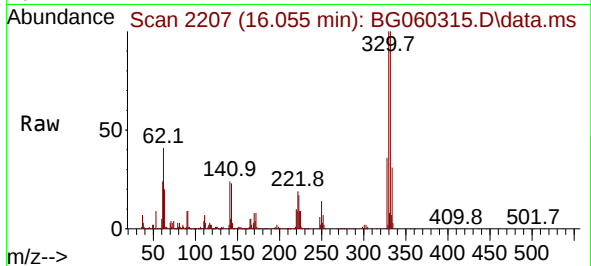




#42
2,4,6-Tribromophenol
Concen: 74.251 ng
RT: 16.055 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG060315.D
Acq: 12 Jan 2024 14:28

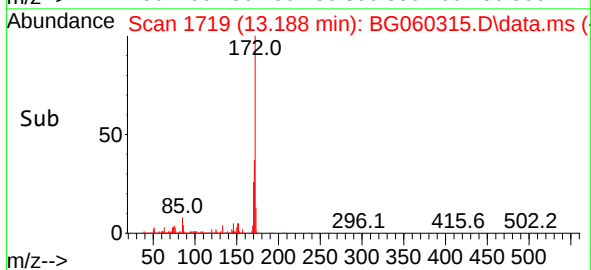
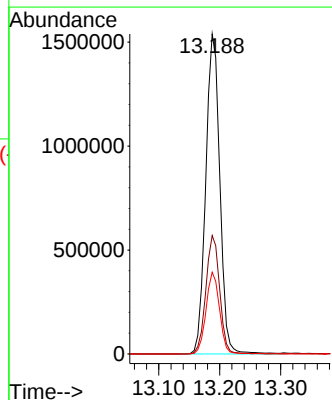
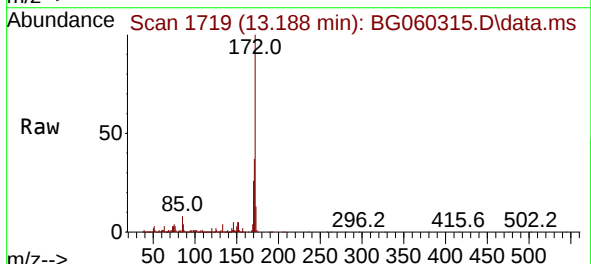
Instrument :
BNA_G
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BASIN-5-TRUCK-STOP-TOP

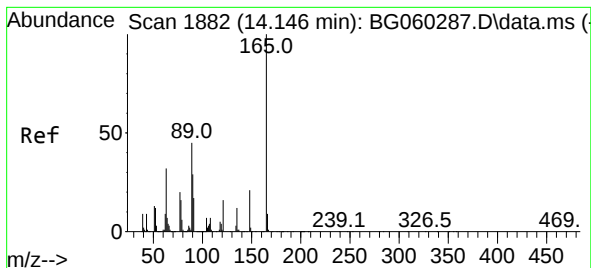
Tgt Ion:330 Resp: 719890
Ion Ratio Lower Upper
330 100
332 96.3 76.7 115.1
141 24.0 18.6 28.0



#45
2-Fluorobiphenyl
Concen: 52.174 ng
RT: 13.188 min Scan# 1719
Delta R.T. -0.001 min
Lab File: BG060315.D
Acq: 12 Jan 2024 14:28

Tgt Ion:172 Resp: 2472911
Ion Ratio Lower Upper
172 100
171 37.0 34.6 51.8
170 25.6 24.4 36.6

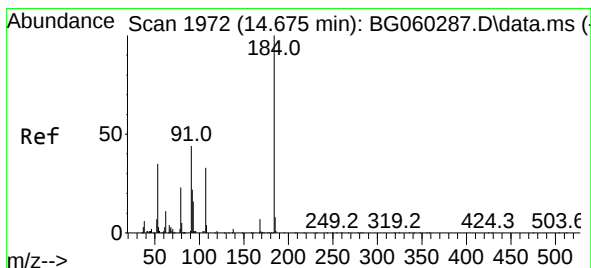
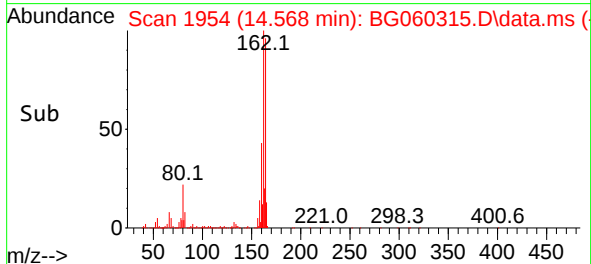
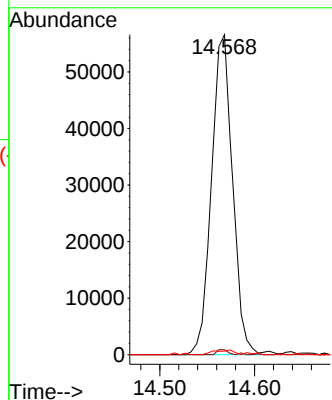
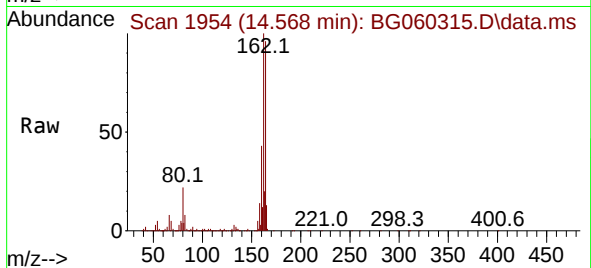




#51
2,6-Dinitrotoluene
Concen: 8.147 ng
RT: 14.568 min Scan# 1954
Delta R.T. 0.422 min
Lab File: BG060315.D
Acq: 12 Jan 2024 14:28

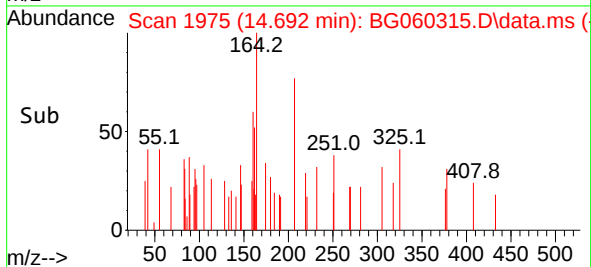
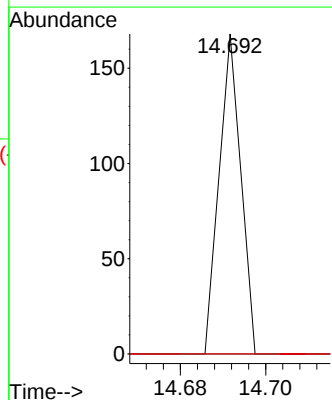
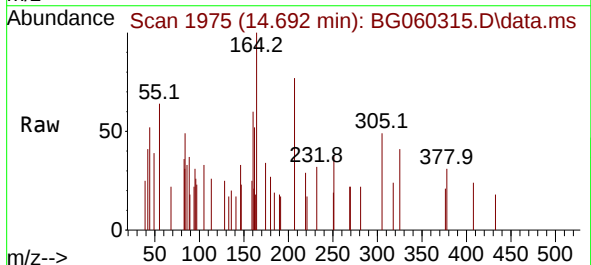
Instrument :
BNA_G
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BASIN-5-TRUCK-STOP-TOP

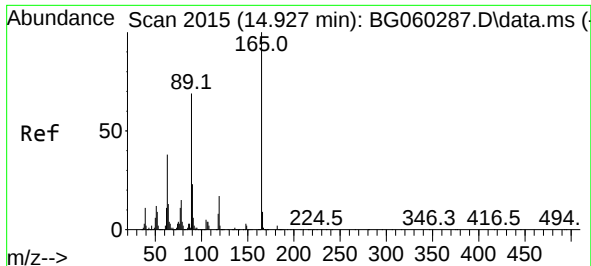
Tgt Ion:165 Resp: 87542
Ion Ratio Lower Upper
165 100
63 1.5 35.0 52.4#
89 1.1 36.2 54.2#



#54
2,4-Dinitrophenol
Concen: 8.595 ng
RT: 14.692 min Scan# 1975
Delta R.T. 0.017 min
Lab File: BG060315.D
Acq: 12 Jan 2024 14:28

Tgt Ion:184 Resp: 59
Ion Ratio Lower Upper
184 100
63 0.0 41.0 61.4#
154 0.0 39.2 58.8#





#57

2,4-Dinitrotoluene

Concen: 5.941 ng

RT: 14.568 min Scan# 1954

Delta R.T. -0.359 min

Lab File: BG060315.D

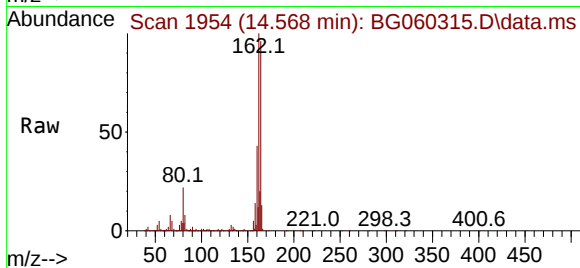
Acq: 12 Jan 2024 14:28

Instrument :

BNA_G

ClientSampleId :

BASIN-5-TRUCK-STOP-TOP



Tgt Ion:165 Resp: 87542

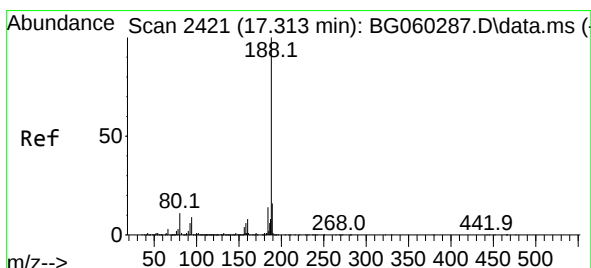
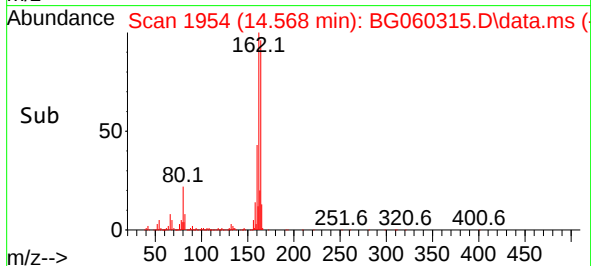
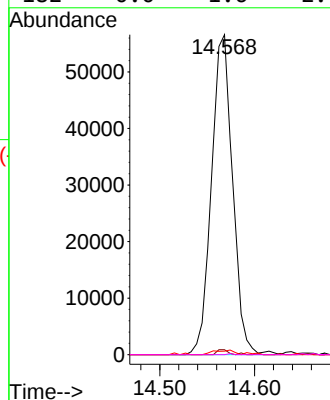
Ion Ratio Lower Upper

165 100

63 1.5 30.4 45.6#

89 1.1 55.4 83.0#

182 0.0 1.6 2.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.312 min Scan# 2421

Delta R.T. -0.001 min

Lab File: BG060315.D

Acq: 12 Jan 2024 14:28

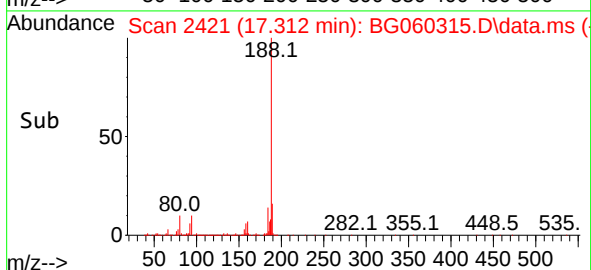
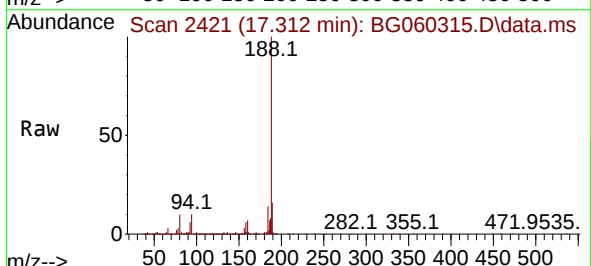
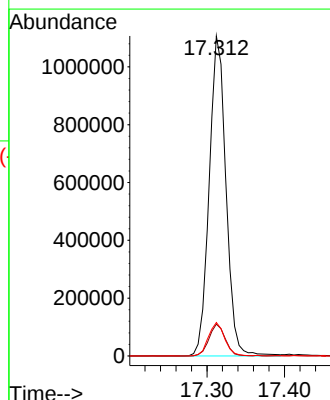
Tgt Ion:188 Resp: 1668727

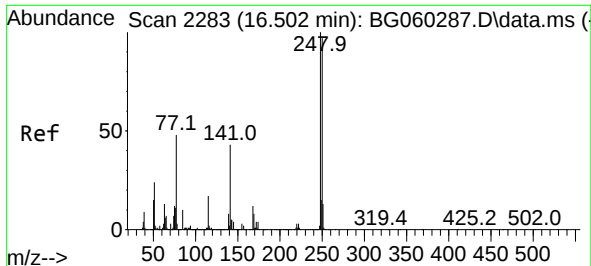
Ion Ratio Lower Upper

188 100

94 9.9 7.1 10.7

80 10.5 8.5 12.7

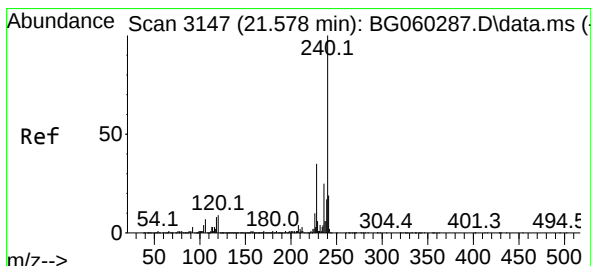
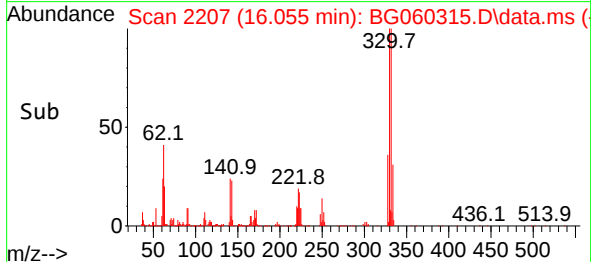
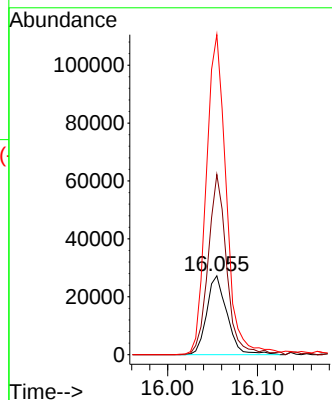
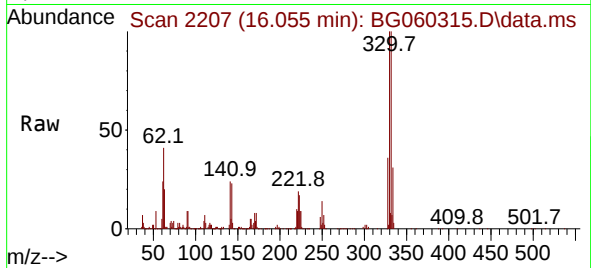




#67
4-Bromophenyl-phenylether
Concen: 2.331 ng
RT: 16.055 min Scan# 21
Delta R.T. -0.447 min
Lab File: BG060315.D
Acq: 12 Jan 2024 14:28

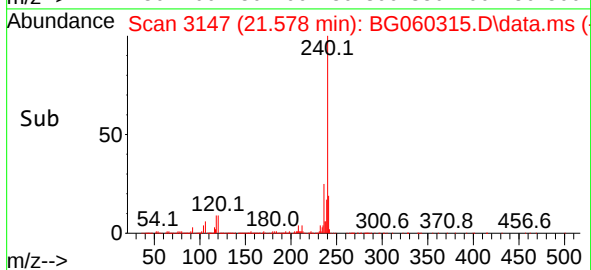
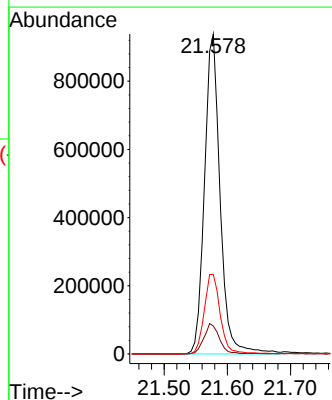
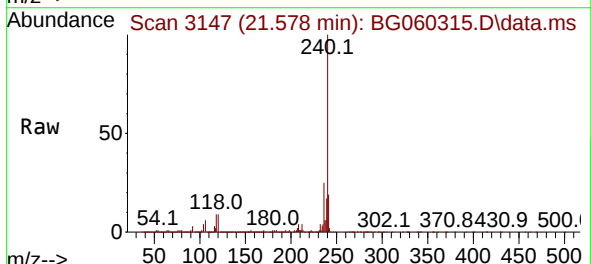
Instrument :
BNA_G
ClientSampleId :
BASIN-5-TRUCK-STOP-TOP

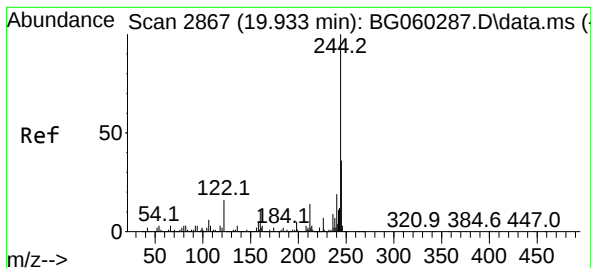
Tgt Ion:248 Resp: 42742
Ion Ratio Lower Upper
248 100
250 228.4 77.6 116.4#
141 405.5 34.2 51.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.578 min Scan# 3147
Delta R.T. -0.001 min
Lab File: BG060315.D
Acq: 12 Jan 2024 14:28

Tgt Ion:240 Resp: 1612980
Ion Ratio Lower Upper
240 100
120 8.8 7.3 10.9
236 24.9 20.3 30.5





#79

Terphenyl-d14

Concen: 55.600 ng

RT: 19.933 min Scan# 2

Delta R.T. -0.000 min

Lab File: BG060315.D

Acq: 12 Jan 2024 14:28

Instrument :

BNA_G

ClientSampleId :

BASIN-5-TRUCK-STOP-TOP

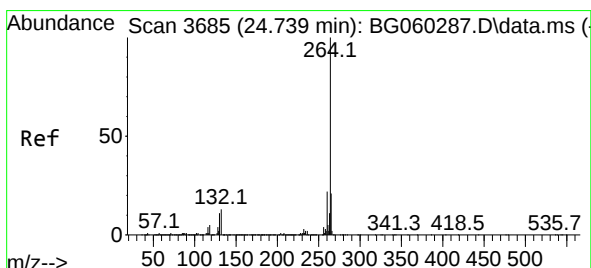
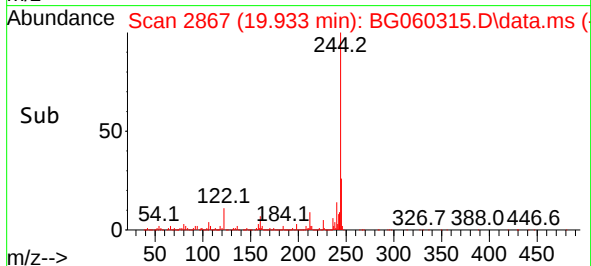
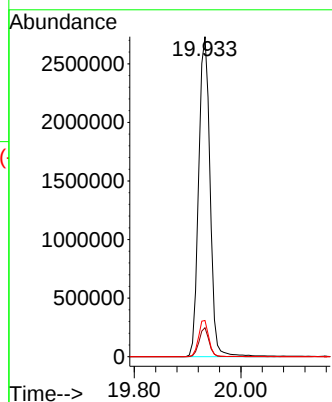
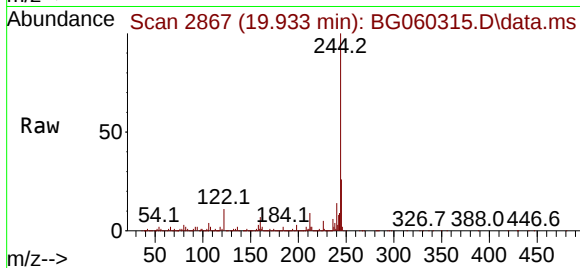
Tgt Ion:244 Resp: 4057518

Ion Ratio Lower Upper

244 100

212 9.1 10.9 16.3#

122 11.3 12.6 18.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.739 min Scan# 3685

Delta R.T. -0.001 min

Lab File: BG060315.D

Acq: 12 Jan 2024 14:28

Tgt Ion:264 Resp: 1802094

Ion Ratio Lower Upper

264 100

260 22.9 17.8 26.6

265 21.1 16.8 25.2

