

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 :
 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

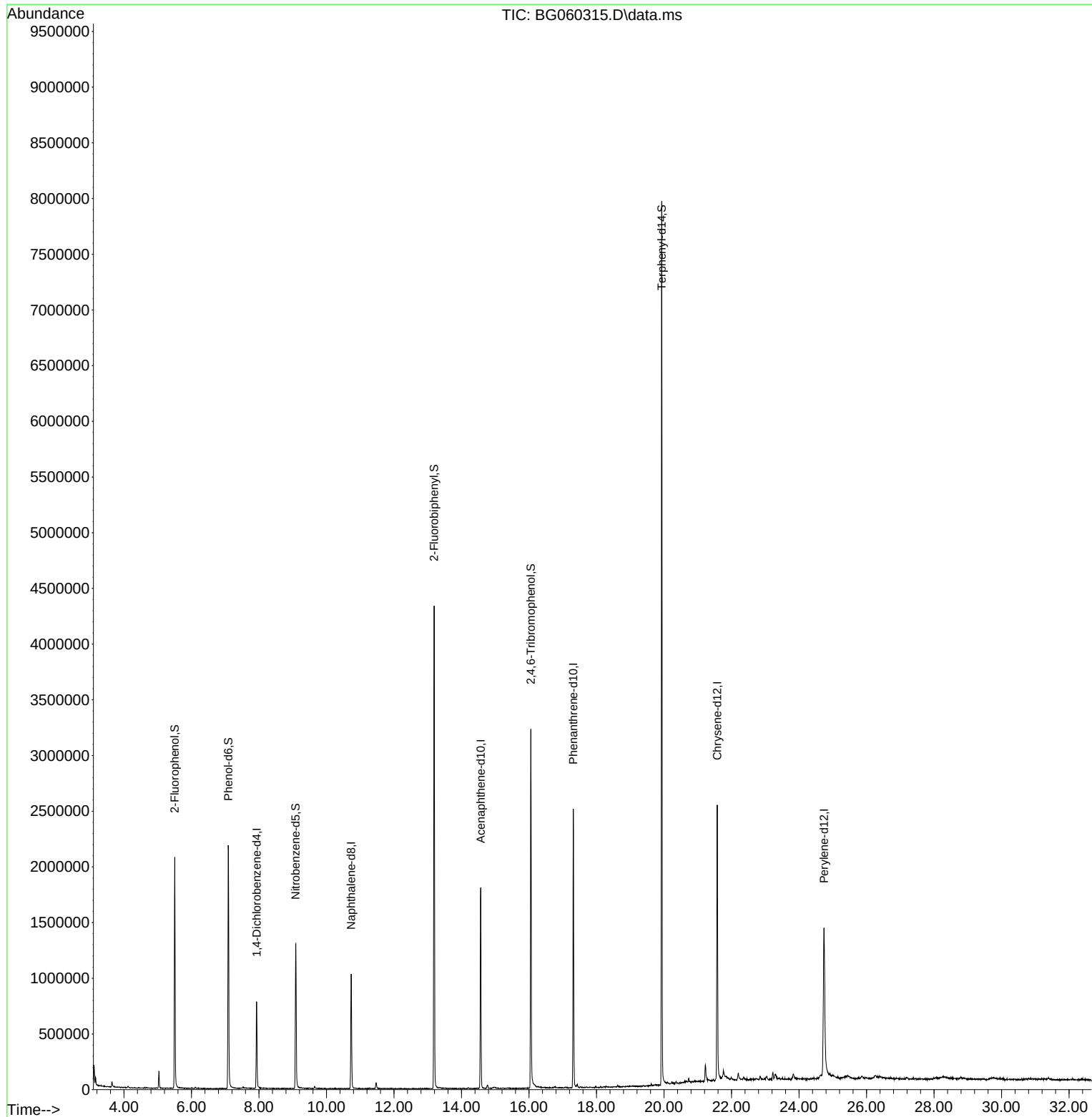
Target Compounds	Qvalue

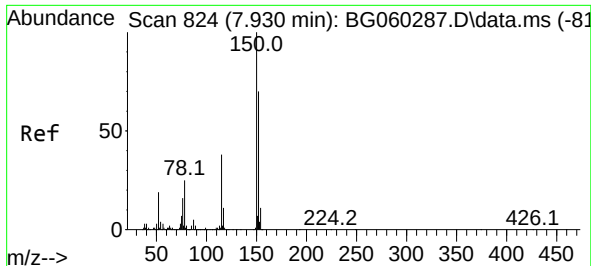
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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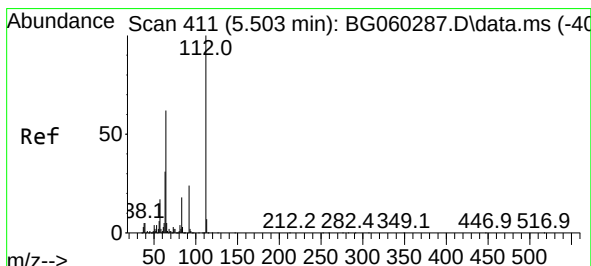
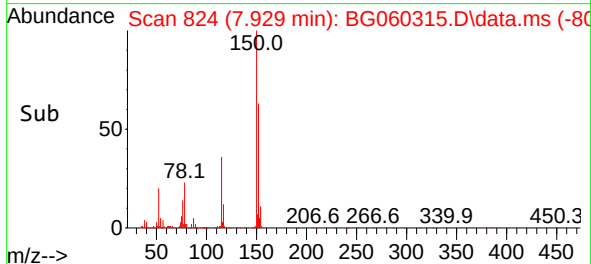
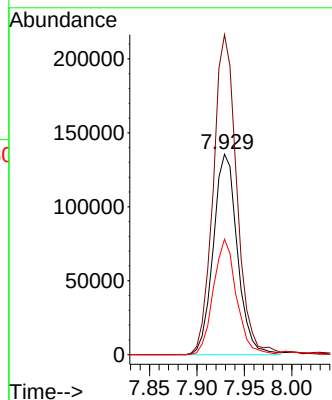
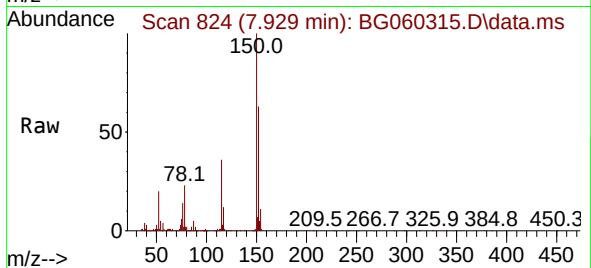




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.929 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG060315.D
Acq: 12 Jan 2024 14:28

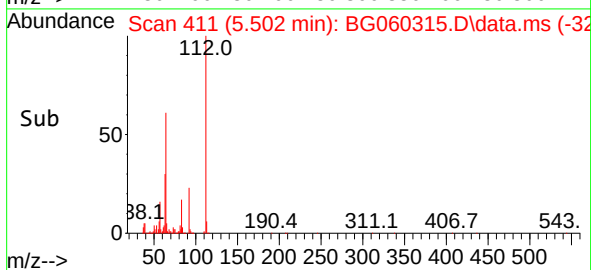
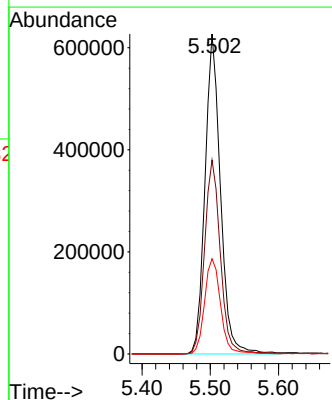
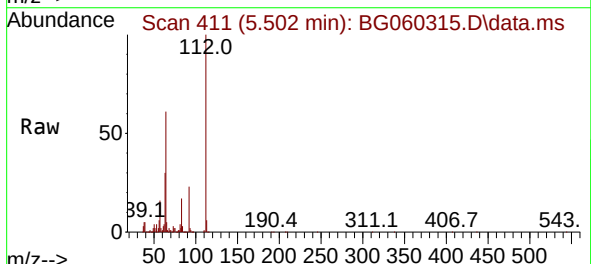
Instrument :
BNA_G
ClientSampleId :
BASIN-5-TRUCK-STOP-TOP

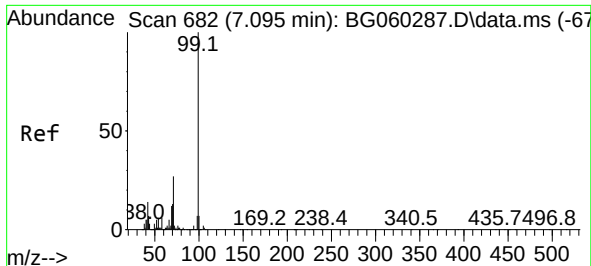
Tgt Ion:152 Resp: 239682
Ion Ratio Lower Upper
152 100
150 159.6 114.5 171.7
115 57.6 43.0 64.6



#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

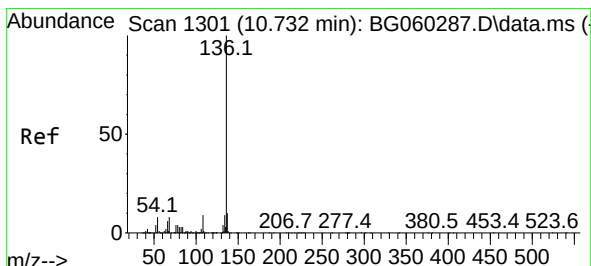
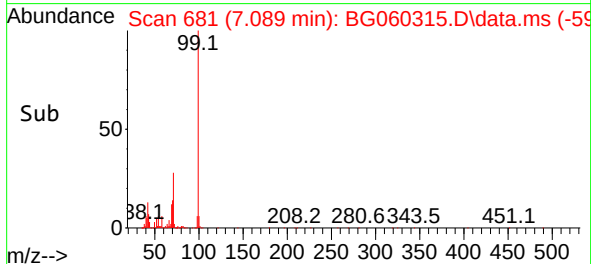
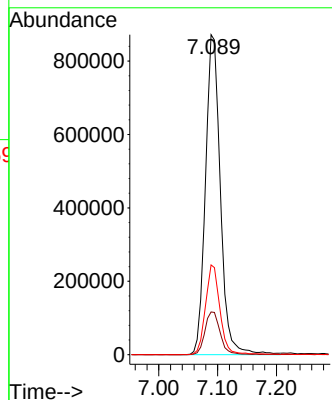
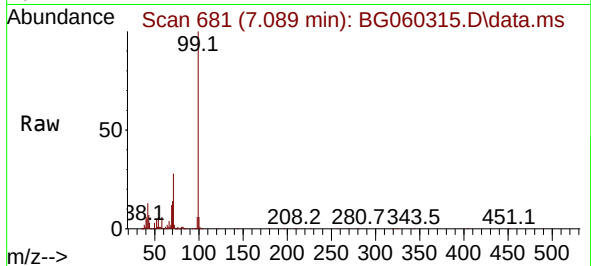




#7
Phenol-d6
Concen: 71.155 ng
RT: 7.089 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG060315.D
Acq: 12 Jan 2024 14:28

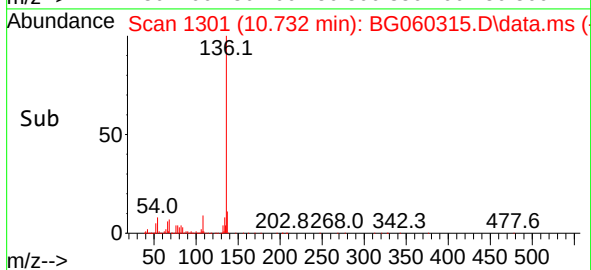
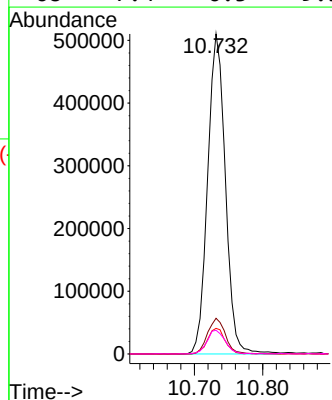
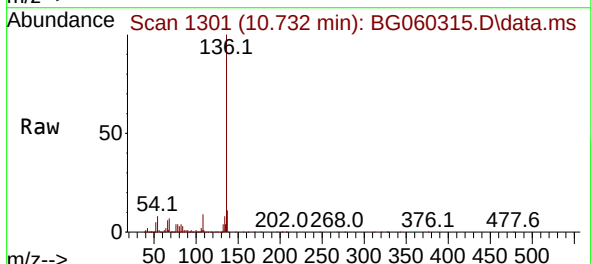
Instrument :
BNA_G
ClientSampleId :
BASIN-5-TRUCK-STOP-TOP

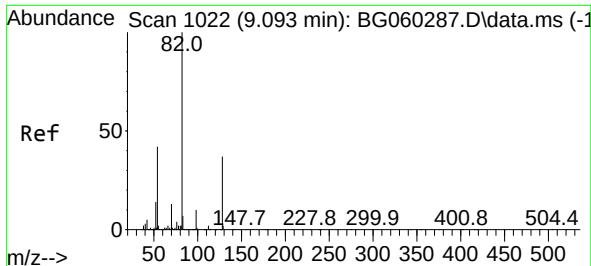
Tgt Ion: 99 Resp: 1535390
Ion Ratio Lower Upper
99 100
42 13.4 10.9 16.3
71 28.1 21.5 32.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.732 min Scan# 1301
Delta R.T. -0.001 min
Lab File: BG060315.D
Acq: 12 Jan 2024 14:28

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

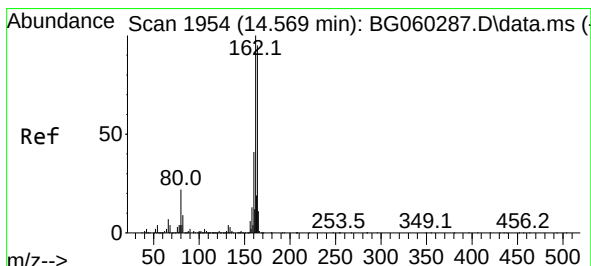
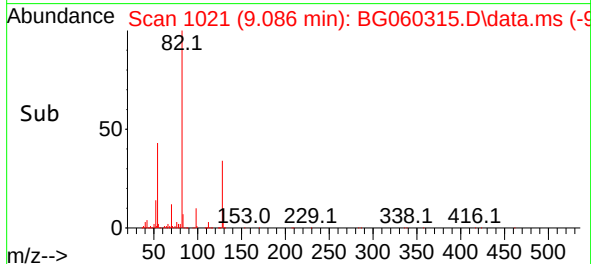
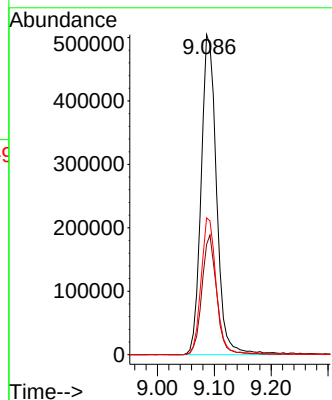
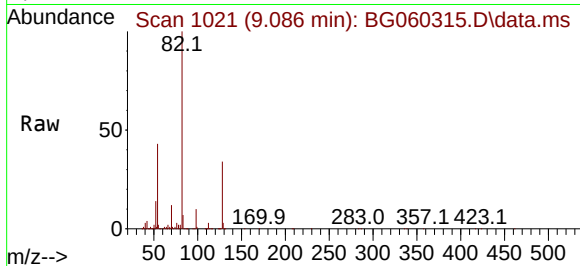




#23
Nitrobenzene-d5
Concen: 48.736 ng
RT: 9.086 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BG060315.D
Acq: 12 Jan 2024 14:28

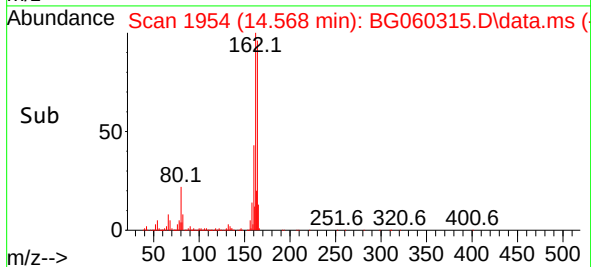
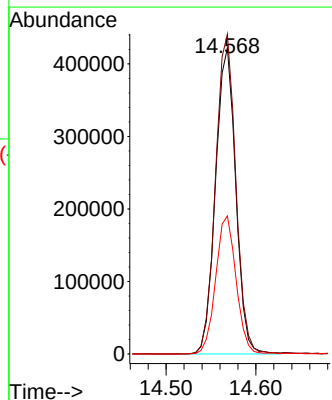
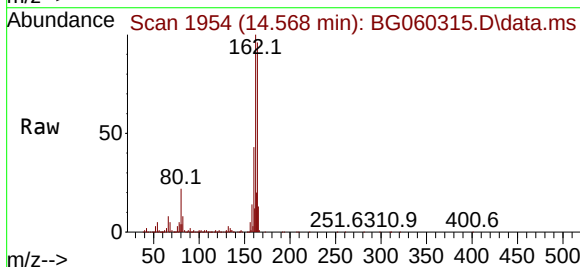
Instrument :
BNA_G
ClientSampleId :
BASIN-5-TRUCK-STOP-TOP

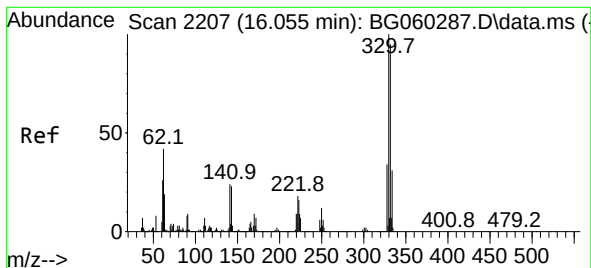
Tgt Ion: 82 Resp: 953339
Ion Ratio Lower Upper
82 100
128 34.4 29.6 44.4
54 42.8 33.6 50.4



#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

ClientSampleId :

BASIN-5-TRUCK-STOP-TOP

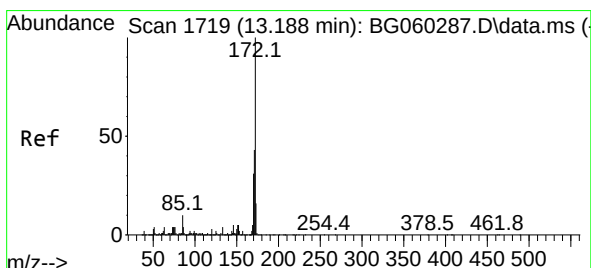
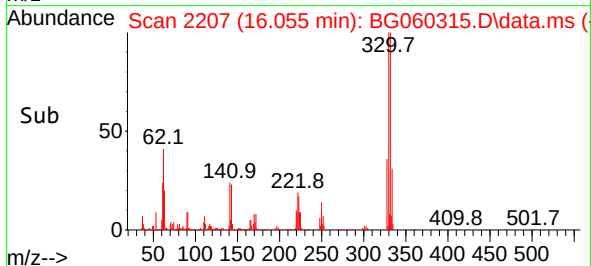
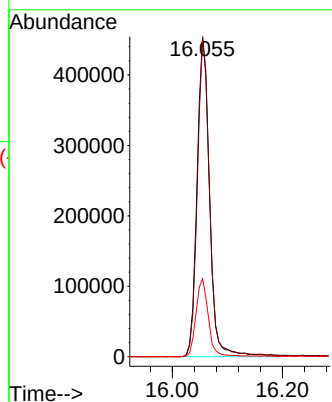
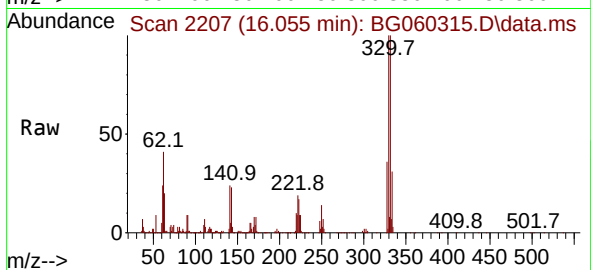
Tgt Ion:330 Resp: 719890

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

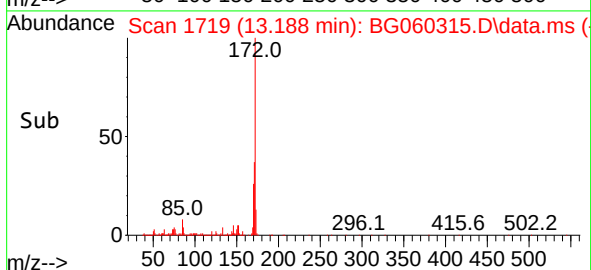
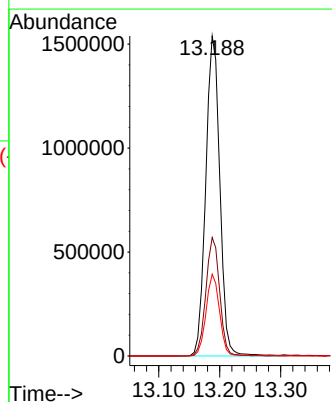
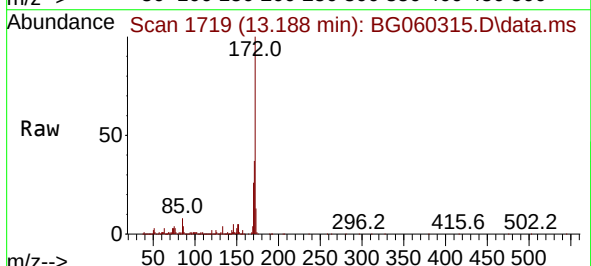
Tgt Ion:172 Resp: 2472911

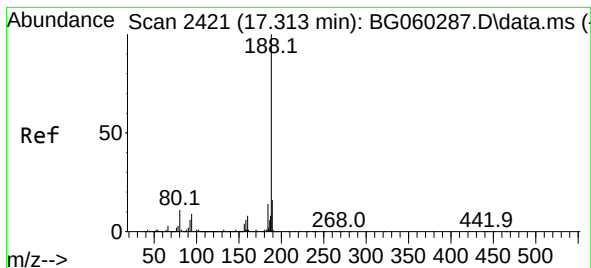
Ion Ratio Lower Upper

172 100

171 37.0 34.6 51.8

170 25.6 24.4 36.6





#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

Instrument :

BNA_G

ClientSampleId :

BASIN-5-TRUCK-STOP-TOP

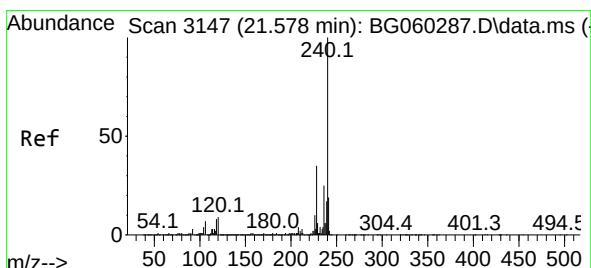
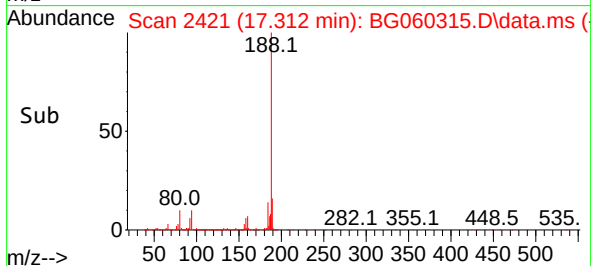
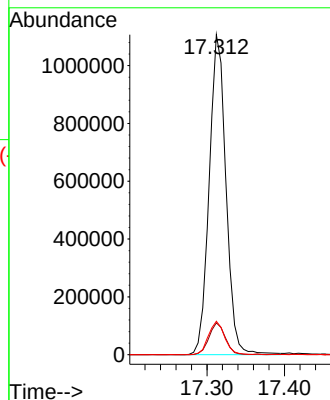
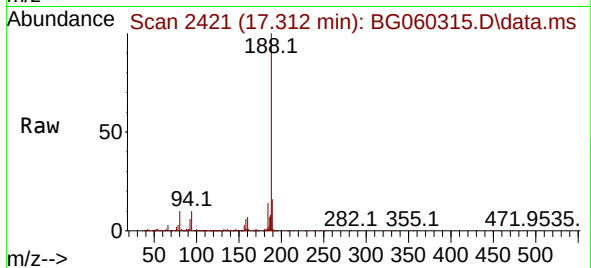
Tgt Ion:188 Resp: 1668727

Ion Ratio Lower Upper

188 100

94 9.9 7.1 10.7

80 10.5 8.5 12.7



#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

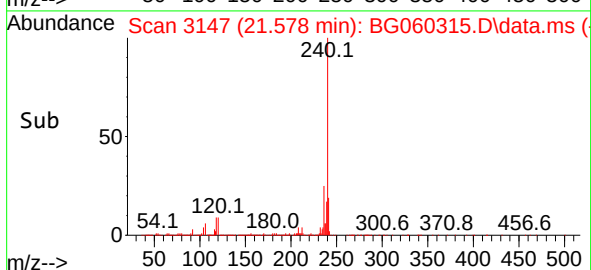
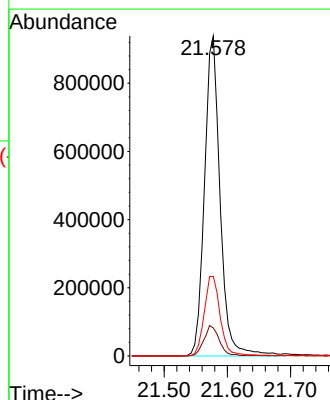
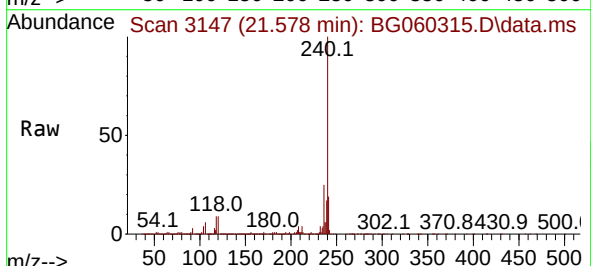
Tgt Ion:240 Resp: 1612980

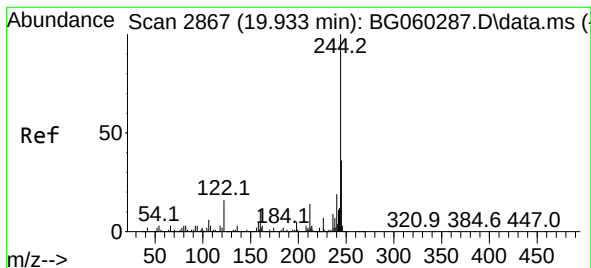
Ion Ratio Lower Upper

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

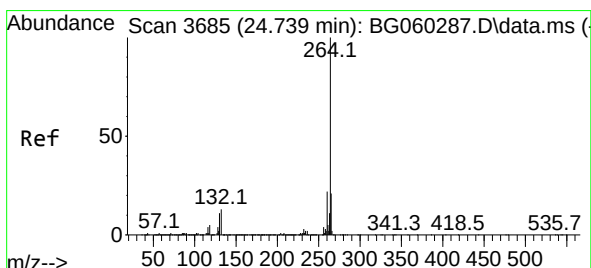
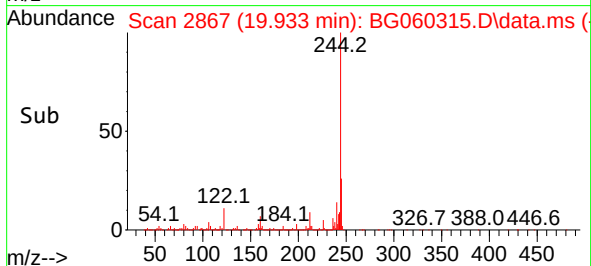
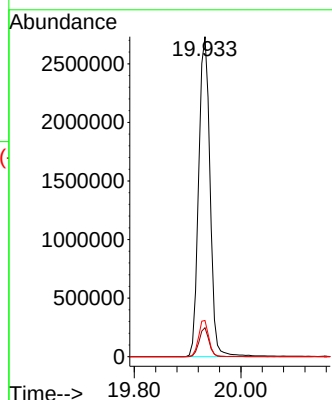
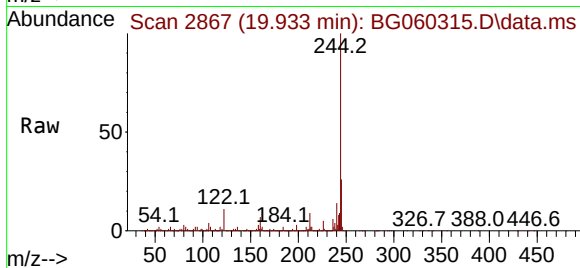
Tgt Ion:244 Resp: 4057518

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

