

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111825\
 Data File : BG064808.D
 Acq On : 18 Nov 2025 18:23
 Operator : RC/JU
 Sample : Q3660-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FRAC-TANK-M21012

Quant Time: Nov 19 00:00:34 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 12 17:10:56 2025
 Response via : Initial Calibration

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

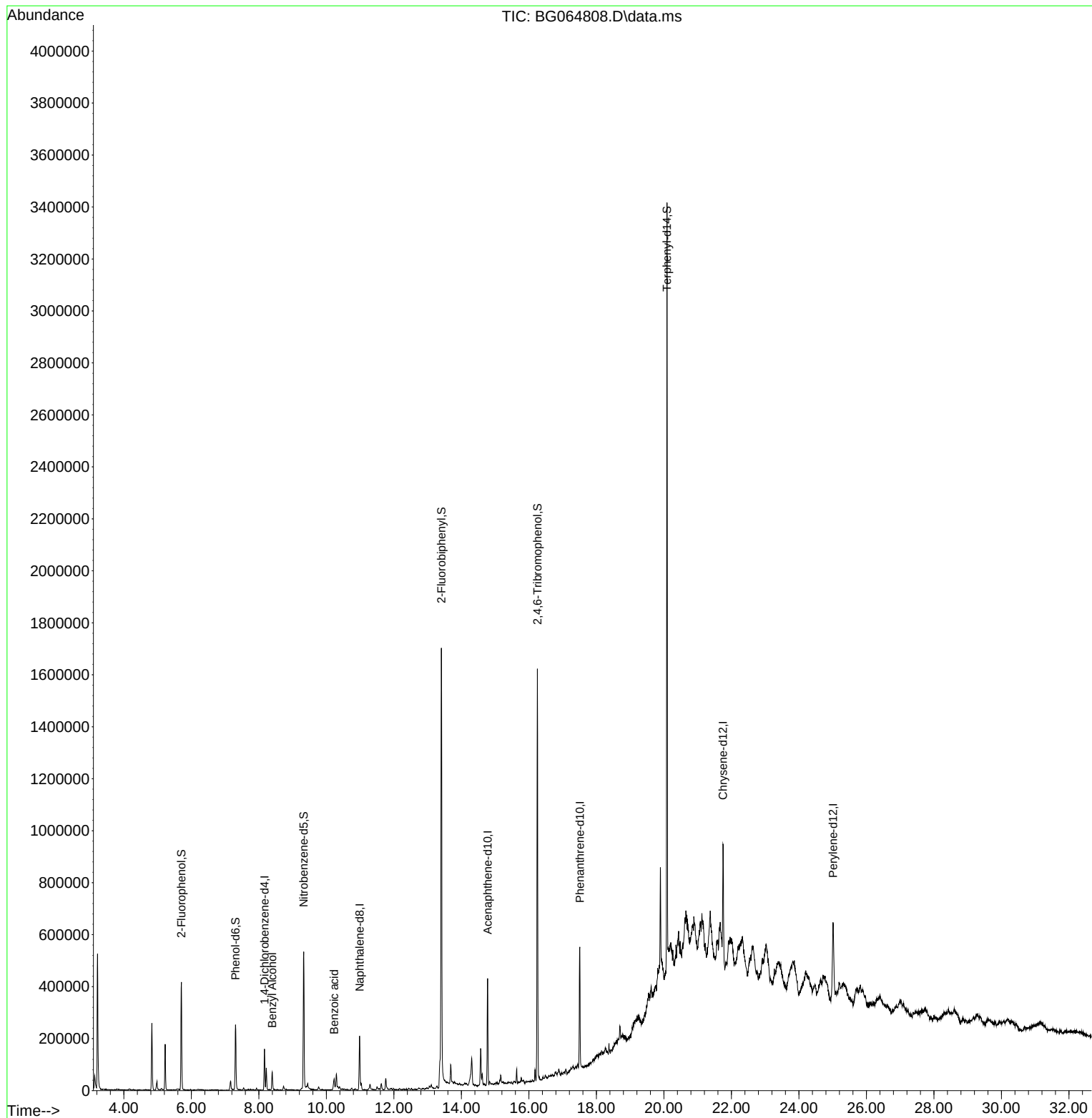
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.165	152	45117	20.000	ng	# 0.00
21) Naphthalene-d8	10.985	136	178496	20.000	ng	0.00
39) Acenaphthene-d10	14.775	164	147851	20.000	ng	0.00
64) Phenanthrene-d10	17.507	188	311465	20.000	ng	0.00
76) Chrysene-d12	21.749	240	300385	20.000	ng	# 0.00
86) Perylene-d12	25.010	264	339519	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.703	112	172954	66.940	ng	0.00
7) Phenol-d6	7.307	99	147265	42.854	ng	0.00
23) Nitrobenzene-d5	9.328	82	312678	86.611	ng	0.00
42) 2,4,6-Tribromophenol	16.250	330	358664	124.383	ng	0.00
45) 2-Fluorobiphenyl	13.406	172	913894	86.249	ng	0.00
79) Terphenyl-d14	20.092	244	1537894	100.710	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.394	79	26606	9.432	ng	95
32) Benzoic acid	10.227	122	20593	14.665	ng	94

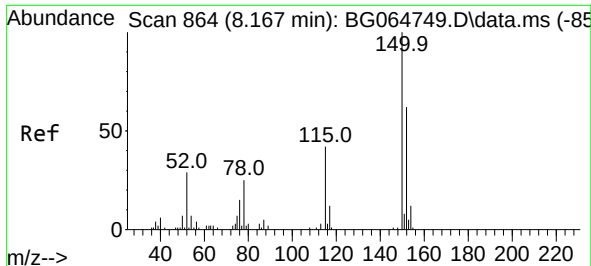
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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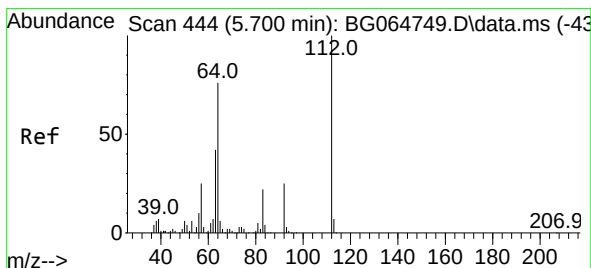
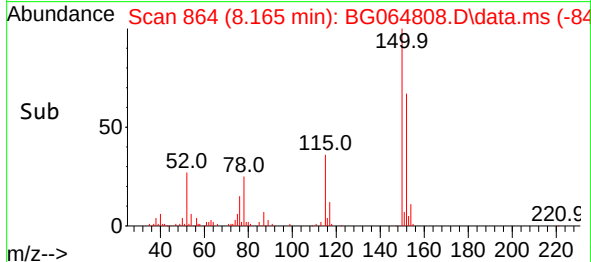
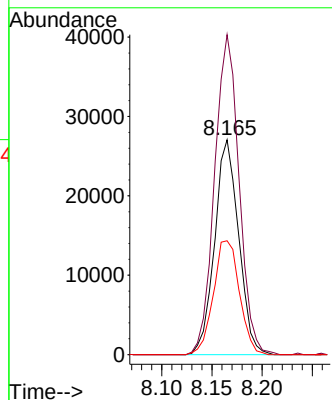
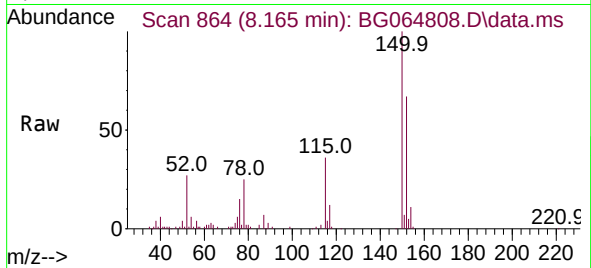




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.165 min Scan# 80
 Delta R.T. -0.002 min
 Lab File: BG064808.D
 Acq: 18 Nov 2025 18:23

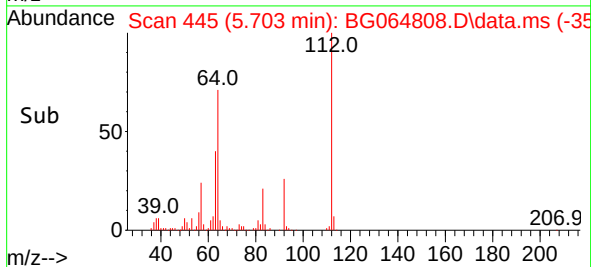
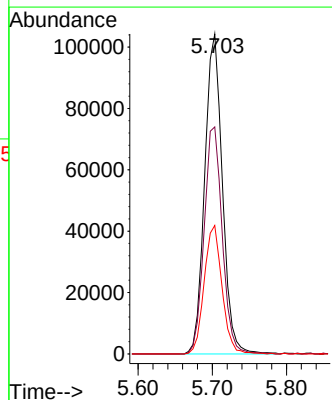
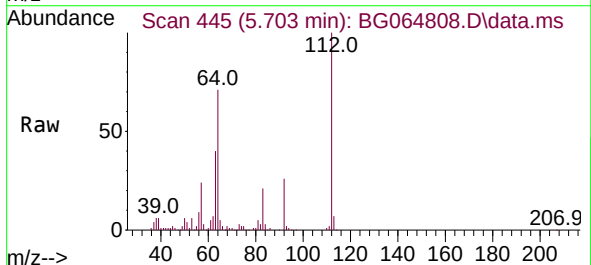
Instrument :
 BNA_G
 ClientSampleId :
 FRAC-TANK-M21012

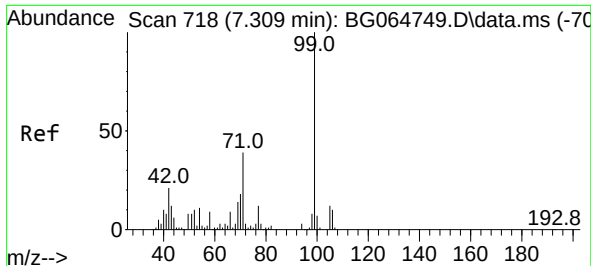
Tgt Ion:152 Resp: 45117
 Ion Ratio Lower Upper
 152 100
 150 148.9 129.2 193.8
 115 53.0 53.7 80.5#



#5
 2-Fluorophenol
 Concen: 66.940 ng
 RT: 5.703 min Scan# 445
 Delta R.T. 0.004 min
 Lab File: BG064808.D
 Acq: 18 Nov 2025 18:23

Tgt Ion:112 Resp: 172954
 Ion Ratio Lower Upper
 112 100
 64 70.9 61.0 91.4
 63 40.1 33.3 49.9

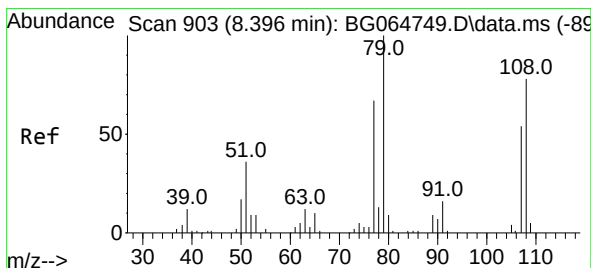
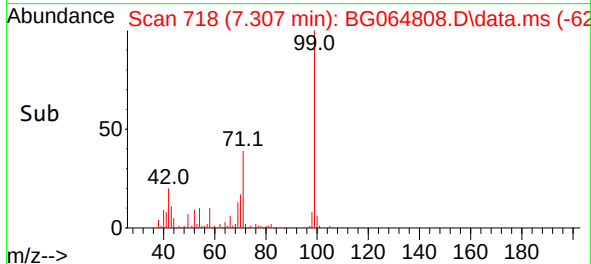
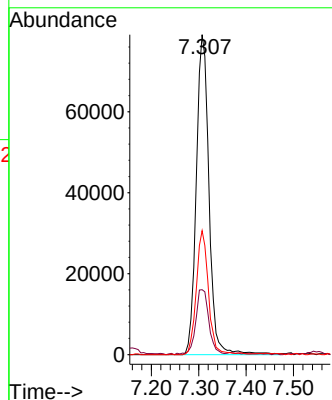
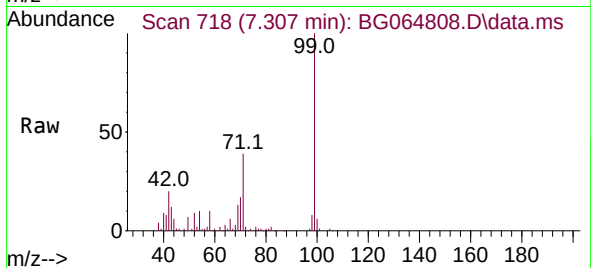




#7
Phenol-d6
Concen: 42.854 ng
RT: 7.307 min Scan# 718
Delta R.T. -0.002 min
Lab File: BG064808.D
Acq: 18 Nov 2025 18:23

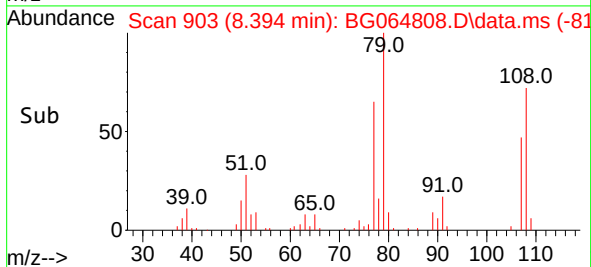
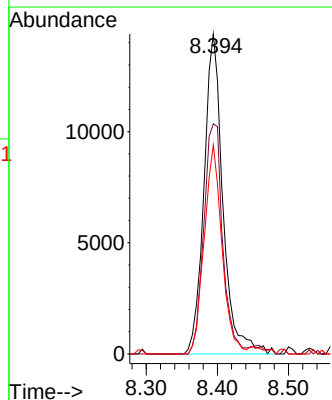
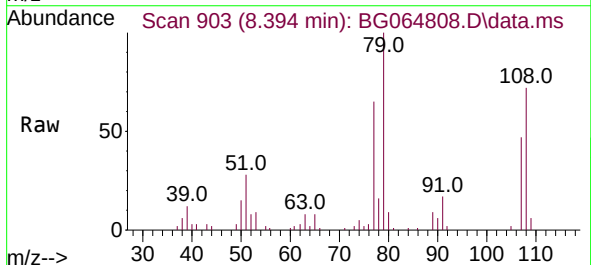
Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-M21012

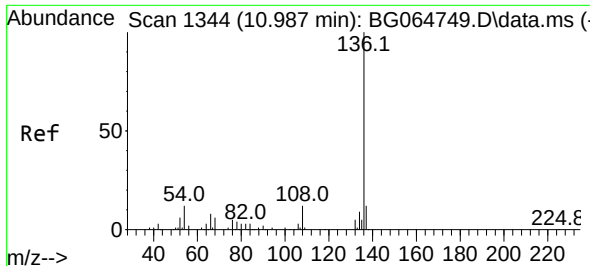
Tgt Ion: 99 Resp: 147265
Ion Ratio Lower Upper
99 100
42 20.3 16.8 25.2
71 38.7 31.1 46.7



#15
Benzyl Alcohol
Concen: 9.432 ng
RT: 8.394 min Scan# 903
Delta R.T. -0.002 min
Lab File: BG064808.D
Acq: 18 Nov 2025 18:23

Tgt Ion: 79 Resp: 26606
Ion Ratio Lower Upper
79 100
108 71.9 62.3 93.5
77 65.3 53.5 80.3

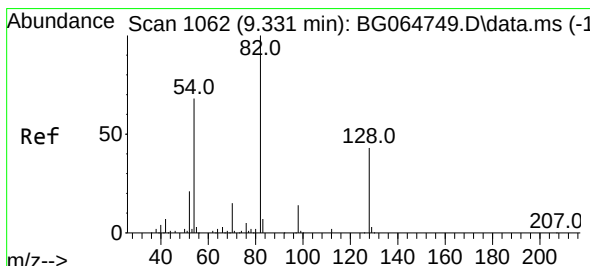
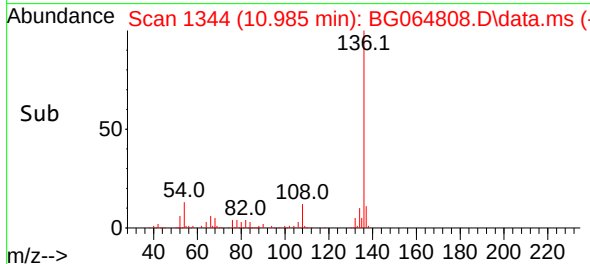
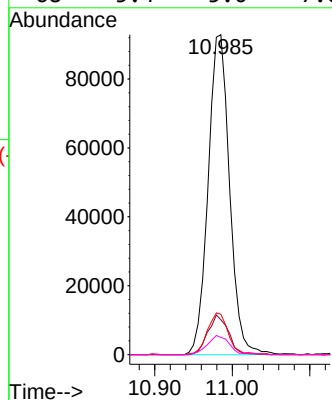
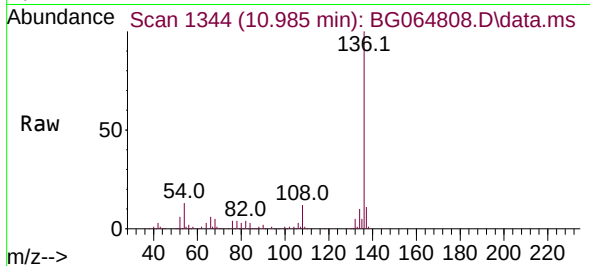




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.985 min Scan# 1344
Delta R.T. -0.002 min
Lab File: BG064808.D
Acq: 18 Nov 2025 18:23

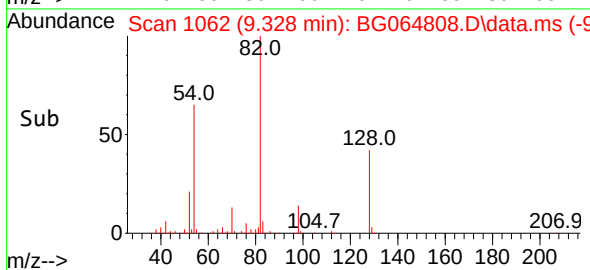
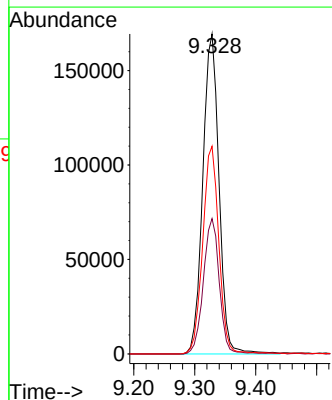
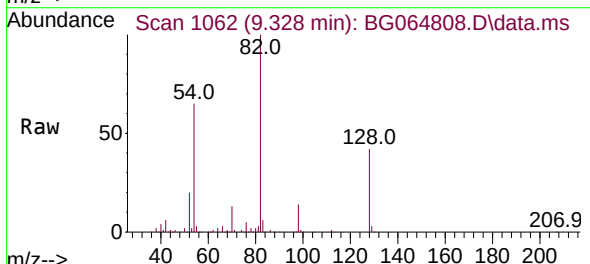
Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-M21012

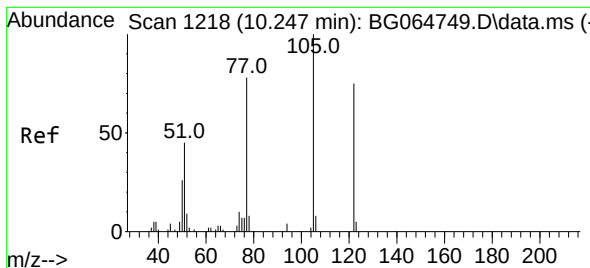
Tgt Ion:	136	Resp:	178496
Ion Ratio	Lower	Upper	
136	100		
137	10.9	9.3	13.9
54	12.7	9.3	13.9
68	5.4	5.0	7.6



#23
Nitrobenzene-d5
Concen: 86.611 ng
RT: 9.328 min Scan# 1062
Delta R.T. -0.002 min
Lab File: BG064808.D
Acq: 18 Nov 2025 18:23

Tgt Ion:	82	Resp:	312678
Ion Ratio	Lower	Upper	
82	100		
128	42.3	34.1	51.1
54	64.9	54.3	81.5





#32

Benzoic acid

Concen: 14.665 ng

RT: 10.227 min Scan# 1215

Delta R.T. -0.020 min

Lab File: BG064808.D

Acq: 18 Nov 2025 18:23

Instrument :

BNA_G

ClientSampleId :

FRAC-TANK-M21012

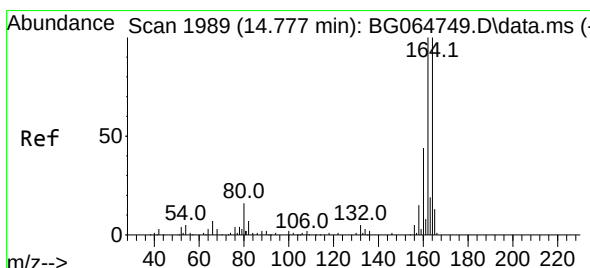
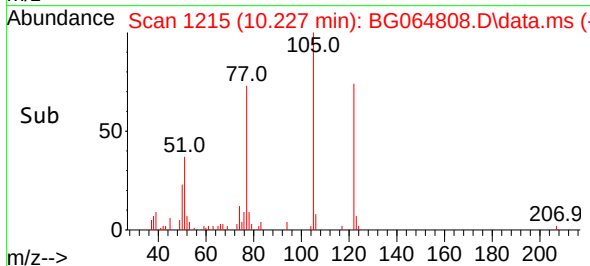
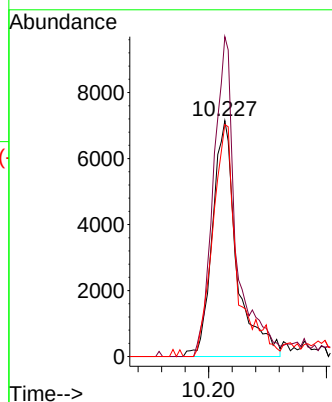
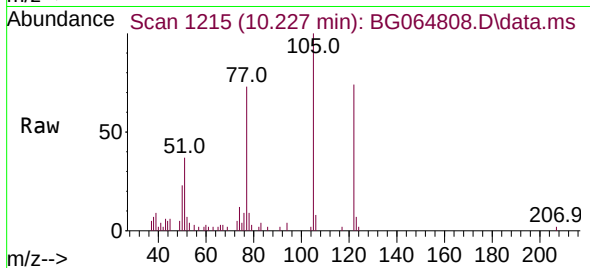
Tgt Ion:122 Resp: 20593

Ion Ratio Lower Upper

122 100

105 135.6 107.6 147.6

77 98.4 82.5 122.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.775 min Scan# 1989

Delta R.T. -0.002 min

Lab File: BG064808.D

Acq: 18 Nov 2025 18:23

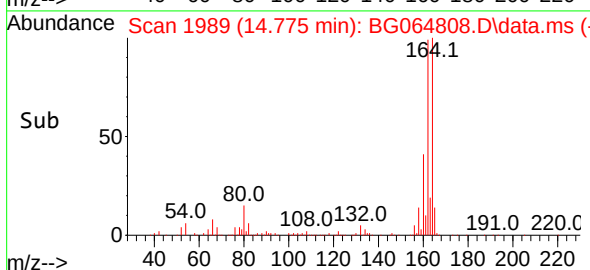
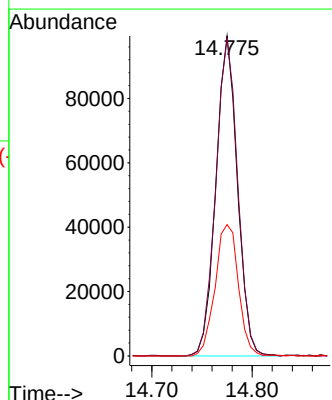
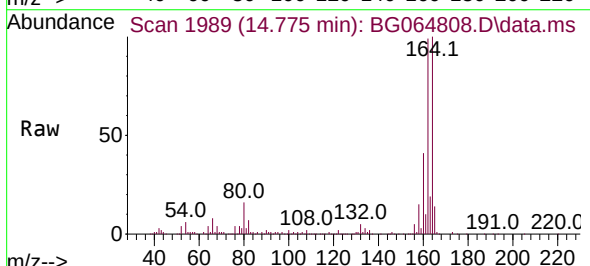
Tgt Ion:164 Resp: 147851

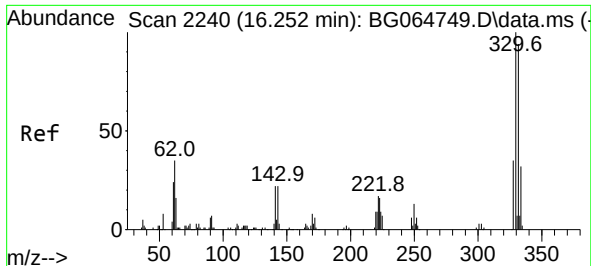
Ion Ratio Lower Upper

164 100

162 99.1 79.8 119.6

160 41.0 34.9 52.3

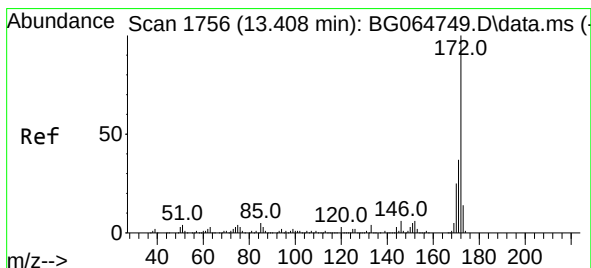
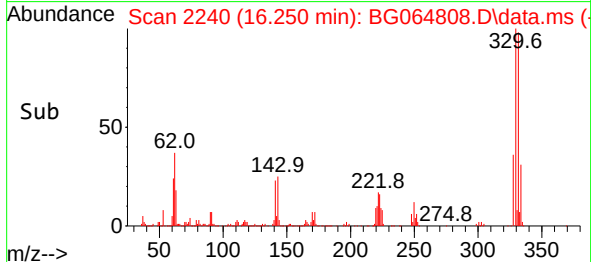
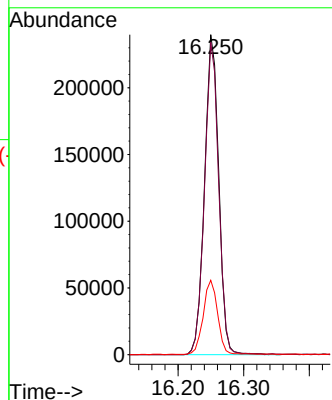
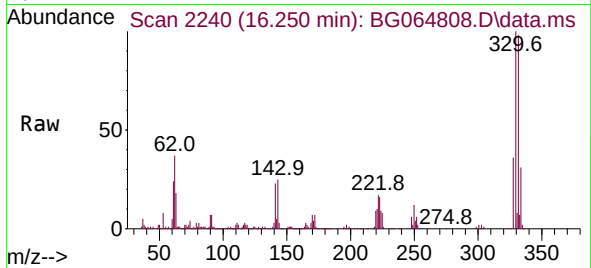




#42
2,4,6-Tribromophenol
Concen: 124.383 ng
RT: 16.250 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG064808.D
Acq: 18 Nov 2025 18:23

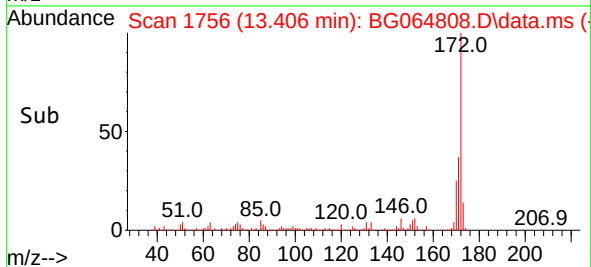
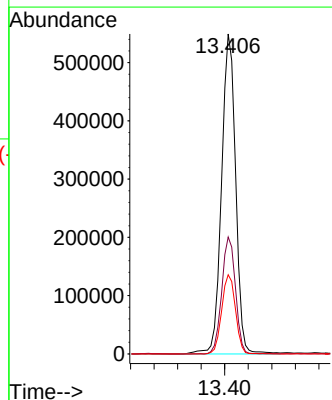
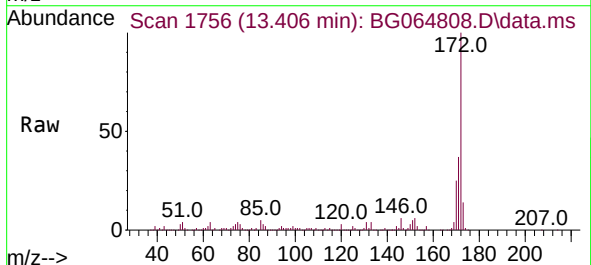
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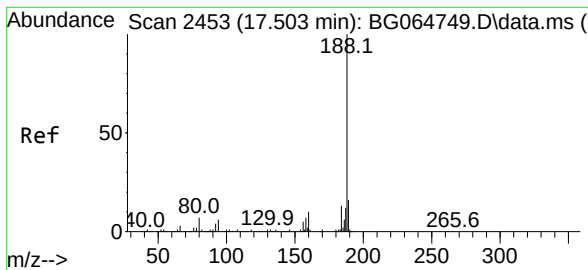
Tgt Ion:330 Resp: 358664
Ion Ratio Lower Upper
330 100
332 97.3 77.0 115.6
141 23.5 18.2 27.2



#45
2-Fluorobiphenyl
Concen: 86.249 ng
RT: 13.406 min Scan# 1756
Delta R.T. -0.002 min
Lab File: BG064808.D
Acq: 18 Nov 2025 18:23

Tgt Ion:172 Resp: 913894
Ion Ratio Lower Upper
172 100
171 36.5 29.9 44.9
170 24.7 19.8 29.6

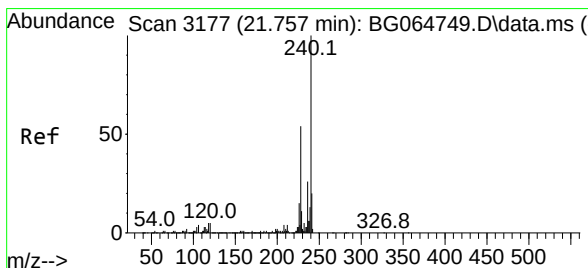
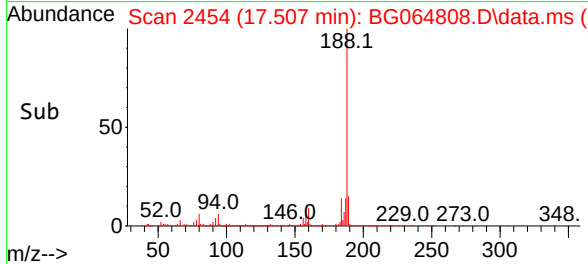
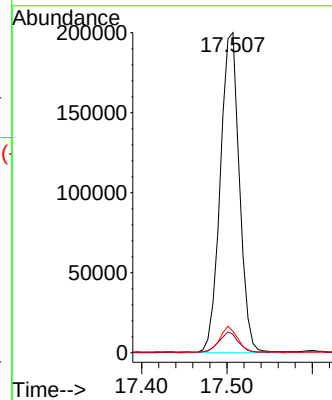
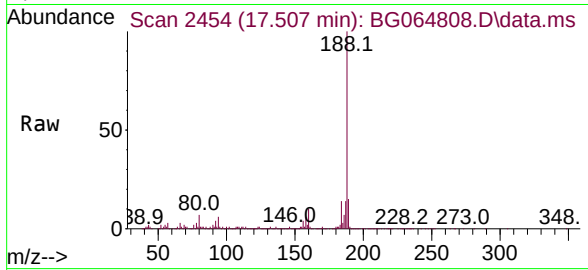




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.507 min Scan# 2453
Delta R.T. 0.004 min
Lab File: BG064808.D
Acq: 18 Nov 2025 18:23

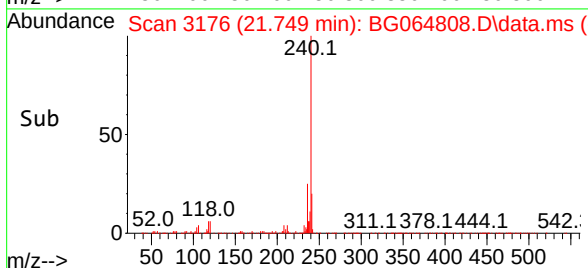
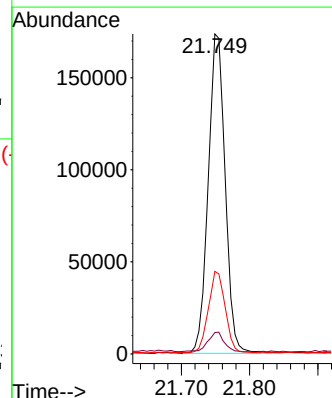
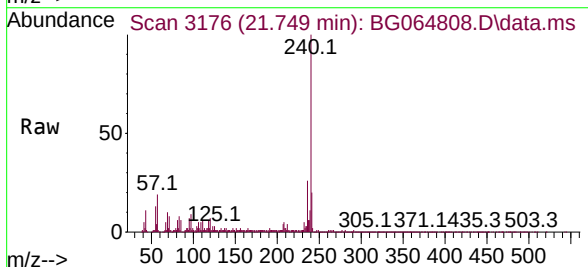
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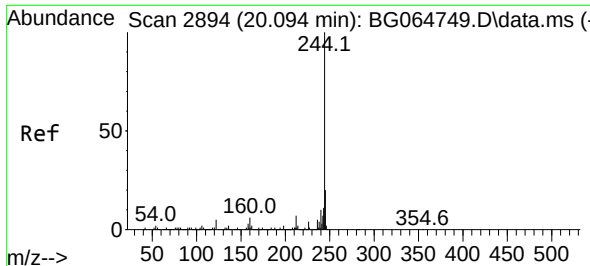
Tgt Ion:188 Resp: 311465
Ion Ratio Lower Upper
188 100
94 5.7 4.7 7.1
80 6.6 5.4 8.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.749 min Scan# 3176
Delta R.T. -0.008 min
Lab File: BG064808.D
Acq: 18 Nov 2025 18:23

Tgt Ion:240 Resp: 300385
Ion Ratio Lower Upper
240 100
120 6.7 4.2 6.4#
236 25.8 20.8 31.2



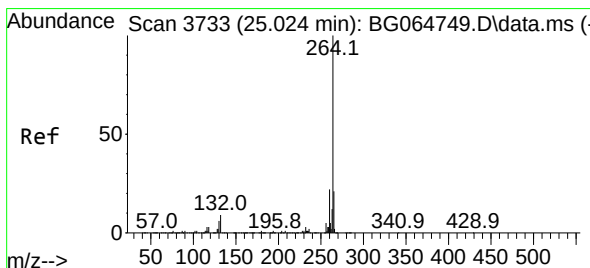
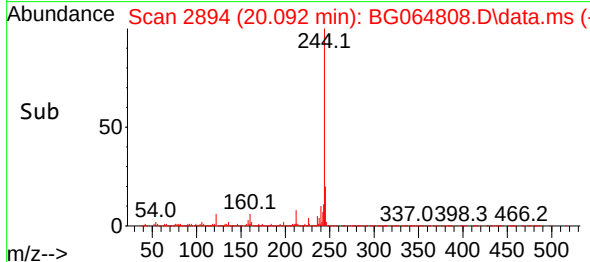
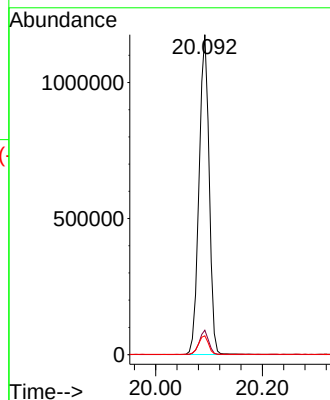
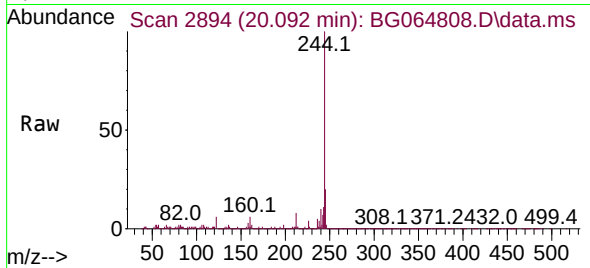


#79
 Terphenyl-d14
 Concen: 100.710 ng
 RT: 20.092 min Scan# 2894
 Delta R.T. -0.002 min
 Lab File: BG064808.D
 Acq: 18 Nov 2025 18:23

Instrument :
 BNA_G
 ClientSampleId :
 FRAC-TANK-M21012

Tgt Ion:244 Resp: 1537894

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.6
122	5.9	4.3	6.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.010 min Scan# 3731
 Delta R.T. -0.014 min
 Lab File: BG064808.D
 Acq: 18 Nov 2025 18:23

Tgt Ion:264 Resp: 339519

Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.2	25.8
265	20.8	16.6	25.0

