

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082923\
 Data File : BG058897.D
 Acq On : 29 Aug 2023 21:32
 Operator : MA/JU
 Sample : 04183-05 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-04-082523

Quant Time: Aug 29 22:07:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 29 14:27:28 2023
 Response via : Initial Calibration

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

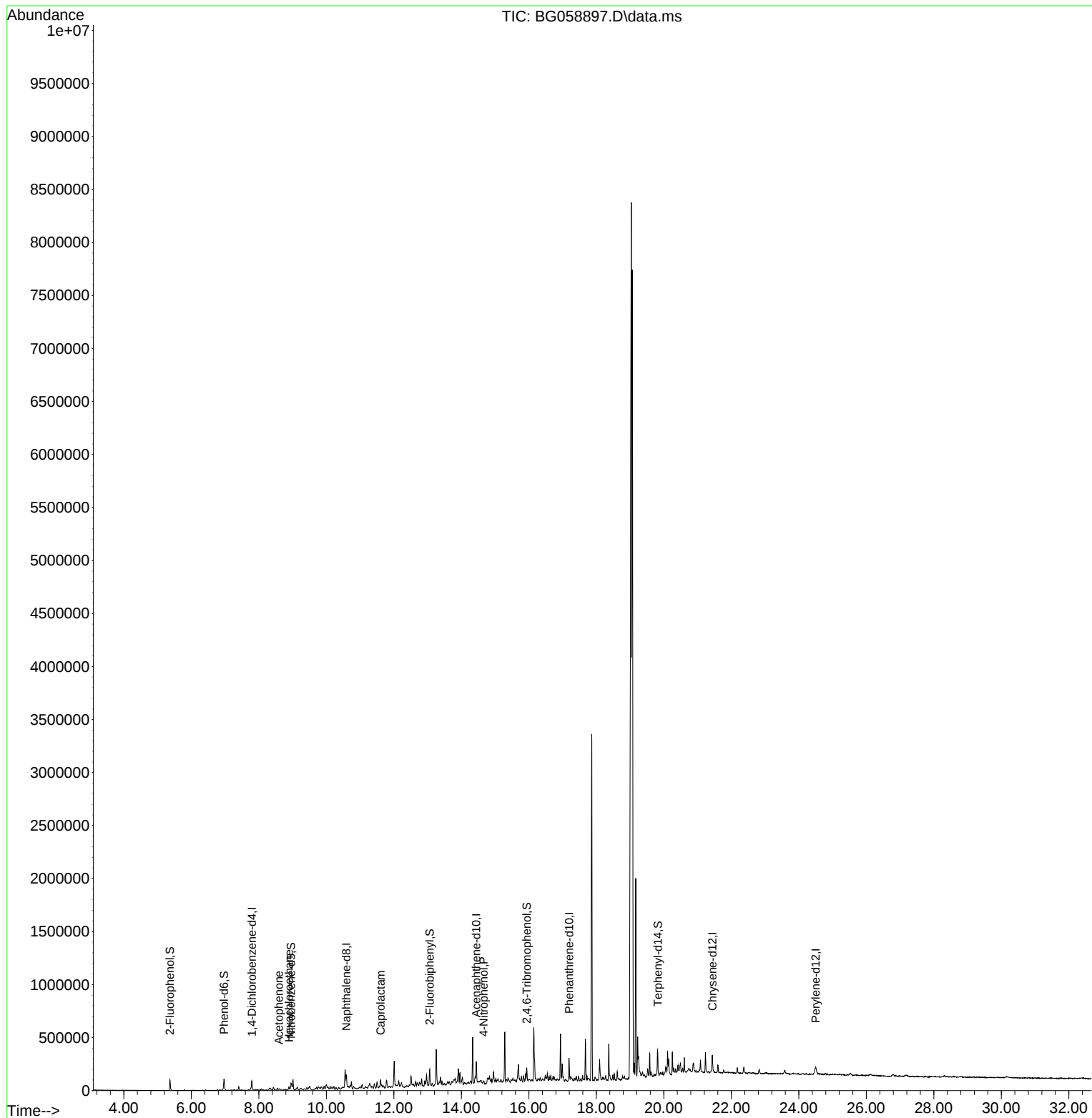
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.791	152	25047	20.000	ng	0.00
21) Naphthalene-d8	10.594	136	99058	20.000	ng	0.00
39) Acenaphthene-d10	14.442	164	63349	20.000	ng	0.00
64) Phenanthrene-d10	17.192	188	133559	20.000	ng	0.00
76) Chrysene-d12	21.434	240	107182	20.000	ng	0.00
86) Perylene-d12	24.501	264	91750	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.365	112	46076	29.604	ng	0.00
7) Phenol-d6	6.969	99	63367	29.018	ng	0.00
23) Nitrobenzene-d5	8.955	82	38530	18.700	ng	0.00
42) 2,4,6-Tribromophenol	15.941	330	28260	28.451	ng	0.00
45) 2-Fluorobiphenyl	13.062	172	85349	19.596	ng	0.00
79) Terphenyl-d14	19.818	244	111719	18.716	ng	0.01
Target Compounds						
						Qvalue
18) Hexachloroethane	8.896	117	2226	3.614	ng	# 1
22) Acetophenone	8.590	105	6632	2.473	ng	# 57
35) Caprolactam	11.604	113	2322	4.341	ng	# 19
56) 4-Nitrophenol	14.660	139	1736	6.738	ng	# 25

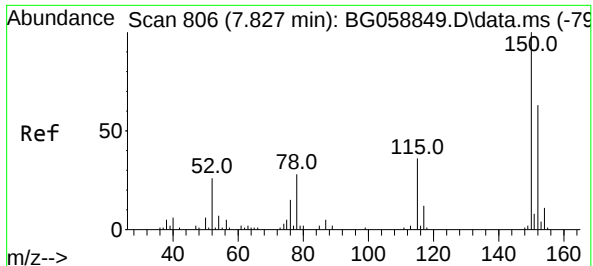
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 29 22:07:28 2023
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 29 14:27:28 2023
Response via : Initial Calibration

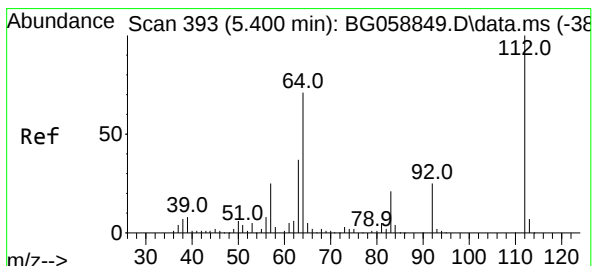
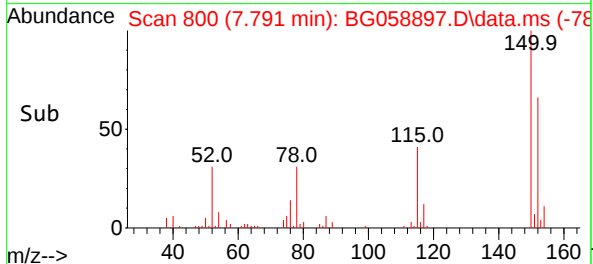
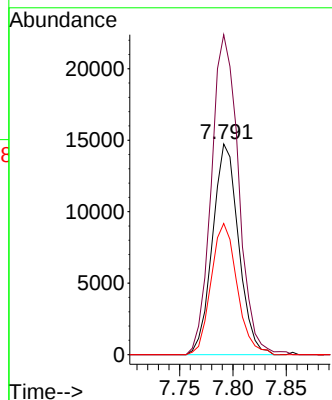
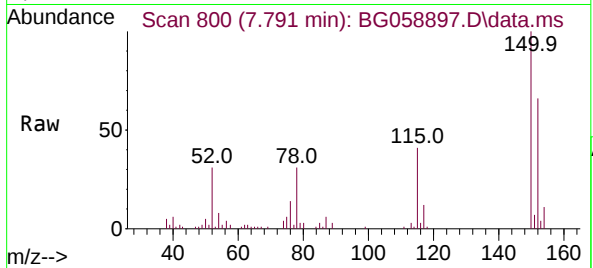




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.791 min Scan# 80
Delta R.T. 0.002 min
Lab File: BG058897.D
Acq: 29 Aug 2023 21:32

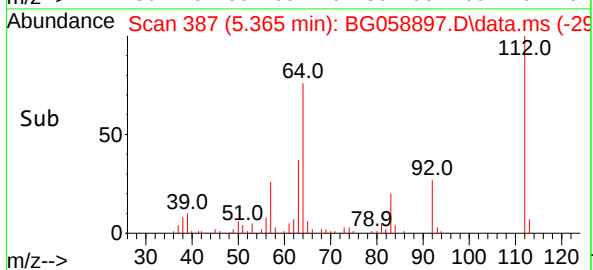
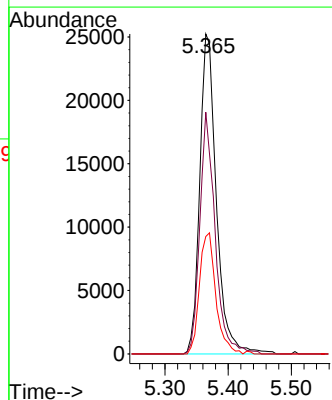
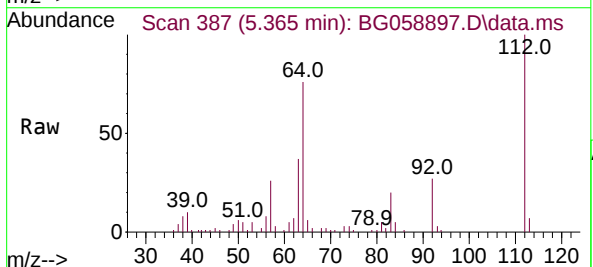
Instrument :
BNA_G
ClientSampleId :
HR-04-082523

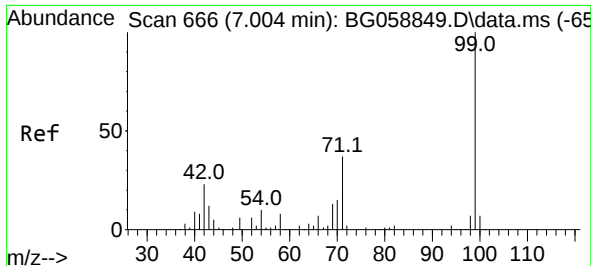
Tgt Ion:152 Resp: 25047
Ion Ratio Lower Upper
152 100
150 151.9 128.6 192.8
115 62.3 50.4 75.6



#5
2-Fluorophenol
Concen: 29.604 ng
RT: 5.365 min Scan# 387
Delta R.T. 0.008 min
Lab File: BG058897.D
Acq: 29 Aug 2023 21:32

Tgt Ion:112 Resp: 46076
Ion Ratio Lower Upper
112 100
64 75.5 60.6 90.8
63 36.7 31.0 46.4

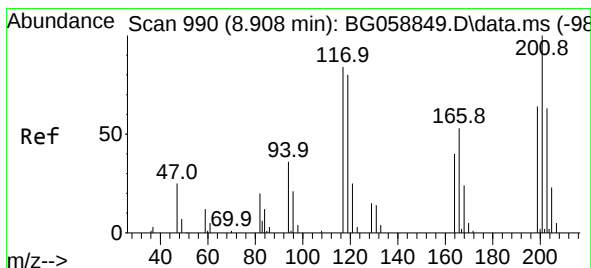
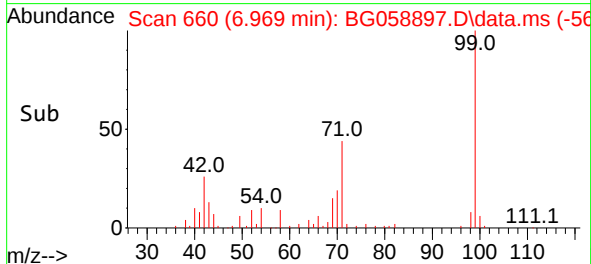
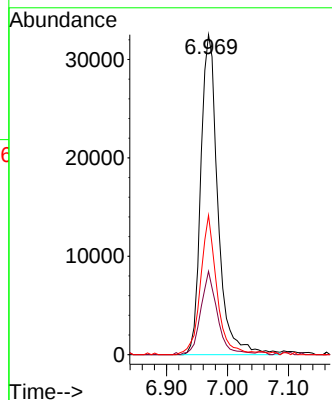
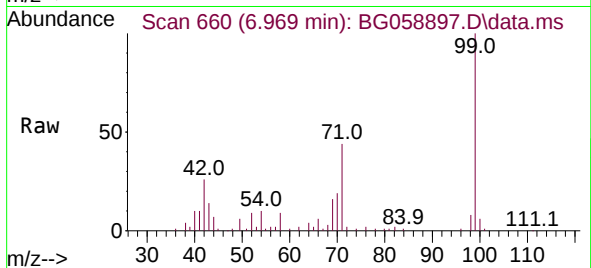




#7
Phenol-d6
Concen: 29.018 ng
RT: 6.969 min Scan# 60
Delta R.T. 0.002 min
Lab File: BG058897.D
Acq: 29 Aug 2023 21:32

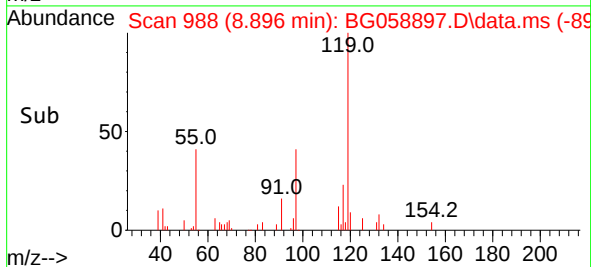
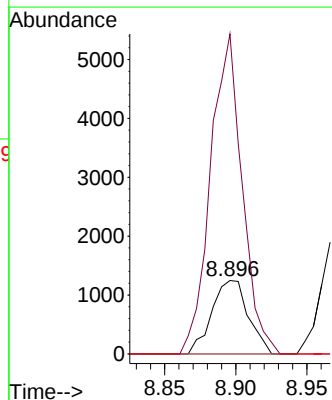
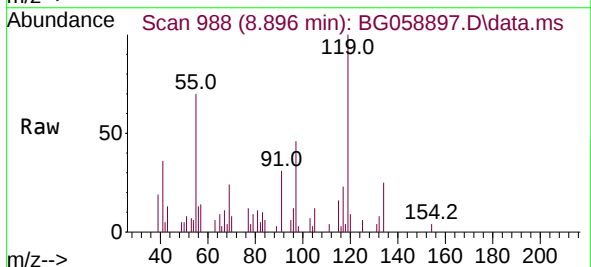
Instrument :
BNA_G
ClientSampleId :
HR-04-082523

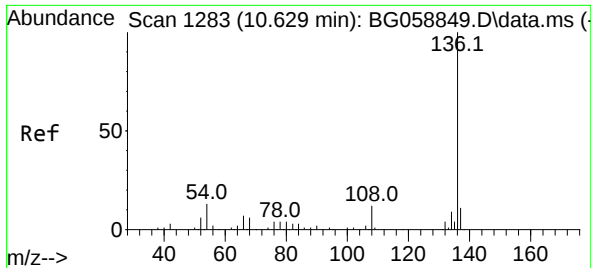
Tgt Ion: 99 Resp: 63367
Ion Ratio Lower Upper
99 100
42 26.0 16.5 24.7#
71 43.5 28.4 42.6#



#18
Hexachloroethane
Concen: 3.614 ng
RT: 8.896 min Scan# 988
Delta R.T. 0.032 min
Lab File: BG058897.D
Acq: 29 Aug 2023 21:32

Tgt Ion: 117 Resp: 2226
Ion Ratio Lower Upper
117 100
119 436.6 76.6 115.0#
201 0.0 97.0 145.6#

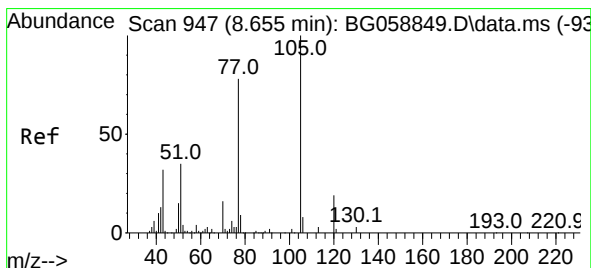
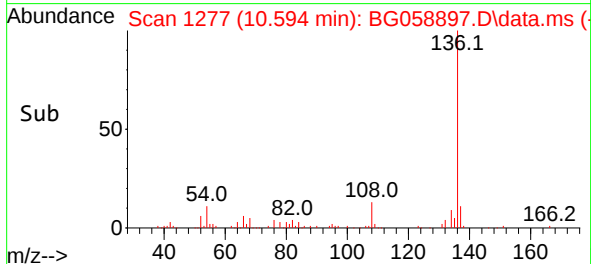
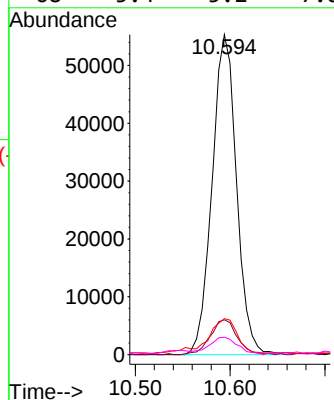
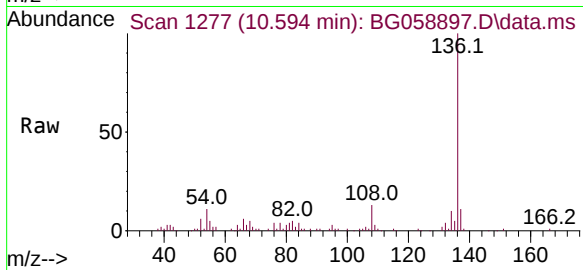




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.594 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG058897.D
Acq: 29 Aug 2023 21:32

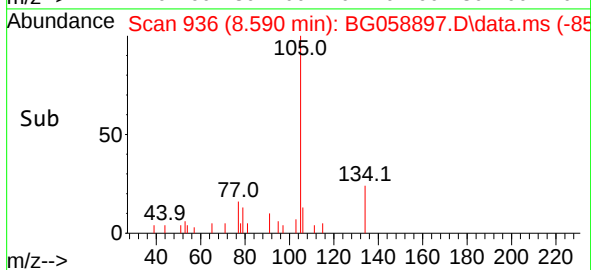
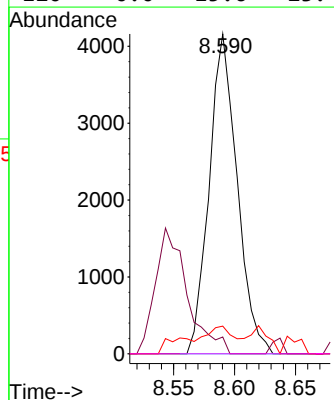
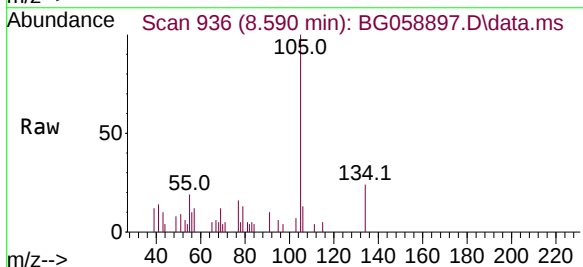
Instrument :
BNA_G
ClientSampleId :
HR-04-082523

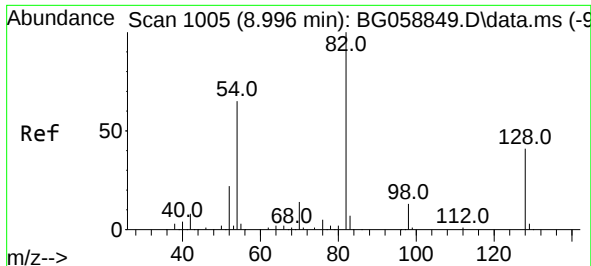
Tgt Ion:	136	Resp:	99058
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	11.2	10.1	15.1
68	5.4	5.2	7.8



#22
Acetophenone
Concen: 2.473 ng
RT: 8.590 min Scan# 936
Delta R.T. -0.027 min
Lab File: BG058897.D
Acq: 29 Aug 2023 21:32

Tgt Ion:	105	Resp:	6632
Ion	Ratio	Lower	Upper
105	100		
71	5.3	2.2	3.2#
51	8.7	28.5	42.7#
120	0.0	15.6	23.4#

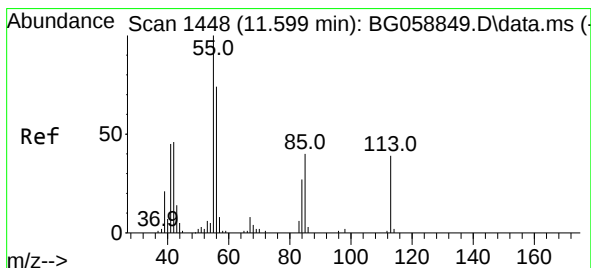
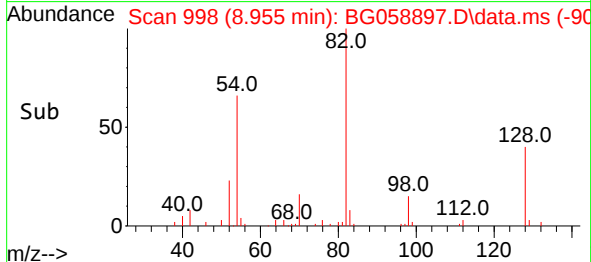
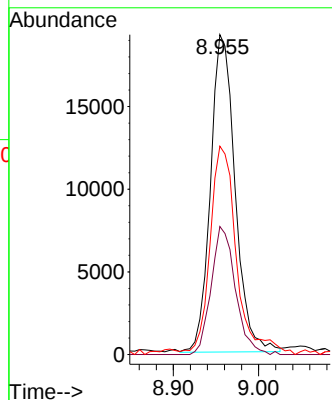
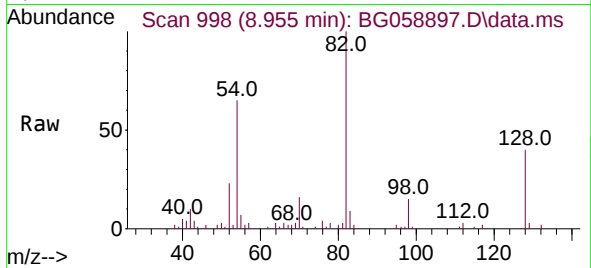




#23
Nitrobenzene-d5
Concen: 18.700 ng
RT: 8.955 min Scan# 99
Delta R.T. -0.004 min
Lab File: BG058897.D
Acq: 29 Aug 2023 21:32

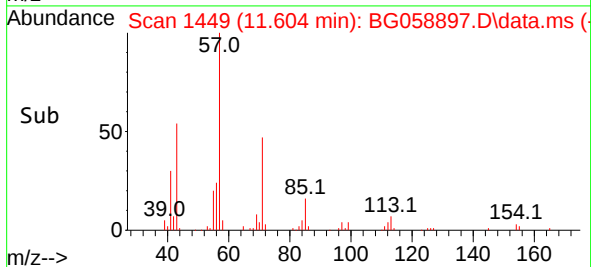
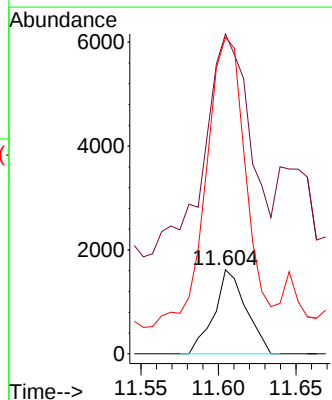
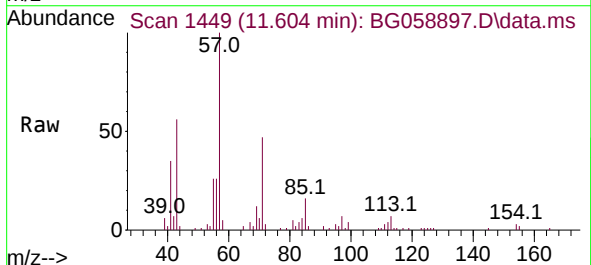
Instrument :
BNA_G
ClientSampleId :
HR-04-082523

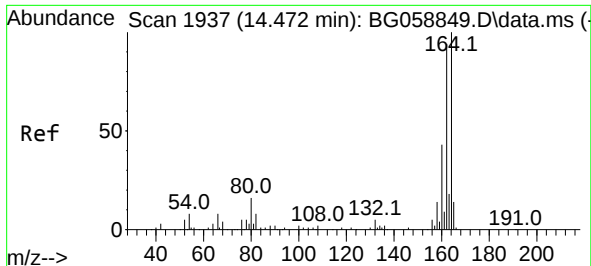
Tgt Ion: 82 Resp: 38530
Ion Ratio Lower Upper
82 100
128 40.0 33.2 49.8
54 65.1 51.2 76.8



#35
Caprolactam
Concen: 4.341 ng
RT: 11.604 min Scan# 1449
Delta R.T. 0.044 min
Lab File: BG058897.D
Acq: 29 Aug 2023 21:32

Tgt Ion: 113 Resp: 2322
Ion Ratio Lower Upper
113 100
55 380.2 256.3 296.3#
56 376.1 180.4 220.4#

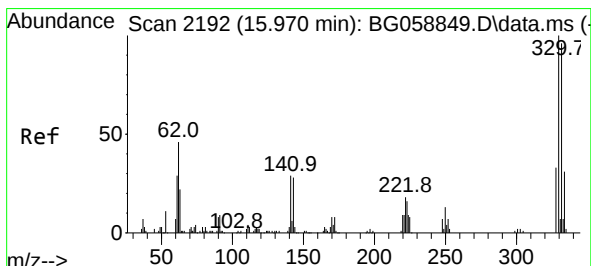
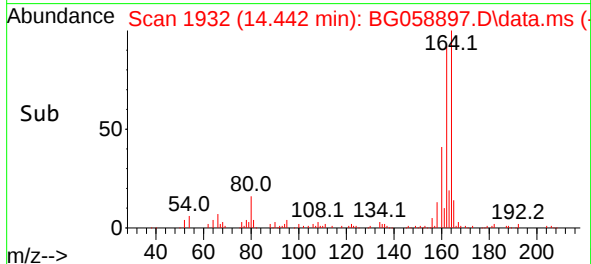
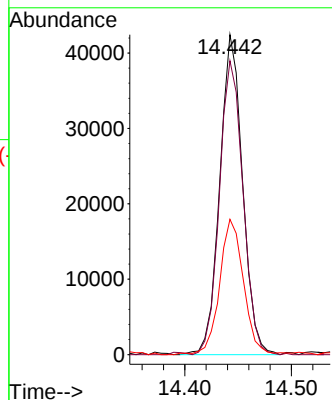
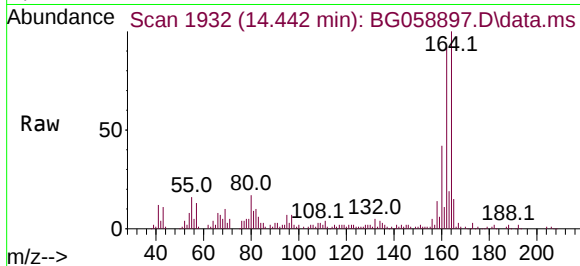




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.442 min Scan# 1932
Delta R.T. 0.002 min
Lab File: BG058897.D
Acq: 29 Aug 2023 21:32

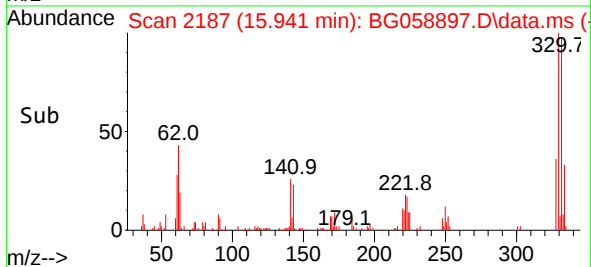
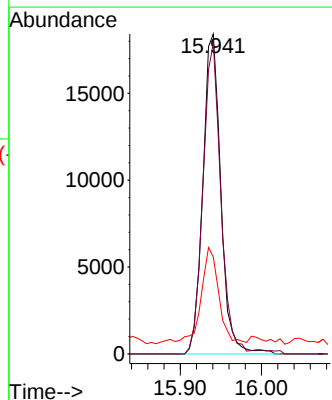
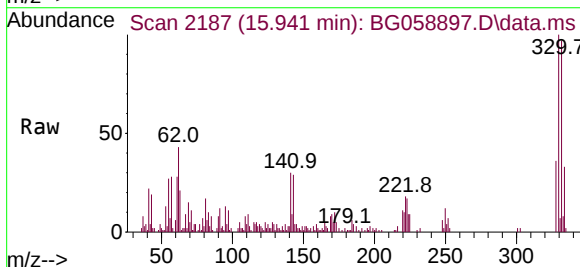
Instrument :
BNA_G
ClientSampleId :
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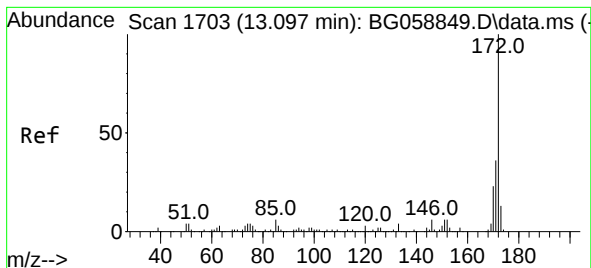
Tgt Ion:	164	Resp:	63349
Ion Ratio	Lower	Upper	
164	100		
162	91.8	79.6	119.4
160	42.3	34.0	51.0



#42
2,4,6-Tribromophenol
Concen: 28.451 ng
RT: 15.941 min Scan# 2187
Delta R.T. 0.008 min
Lab File: BG058897.D
Acq: 29 Aug 2023 21:32

Tgt Ion:	330	Resp:	28260
Ion Ratio	Lower	Upper	
330	100		
332	96.3	78.5	117.7
141	30.9	23.0	34.6





#45

2-Fluorobiphenyl

Concen: 19.596 ng

RT: 13.062 min Scan# 1

Delta R.T. 0.002 min

Lab File: BG058897.D

Acq: 29 Aug 2023 21:32

Instrument :

BNA_G

ClientSampleId :

HR-04-082523

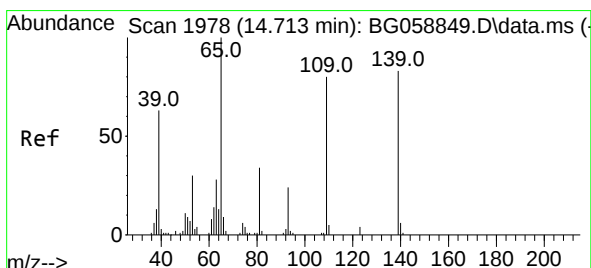
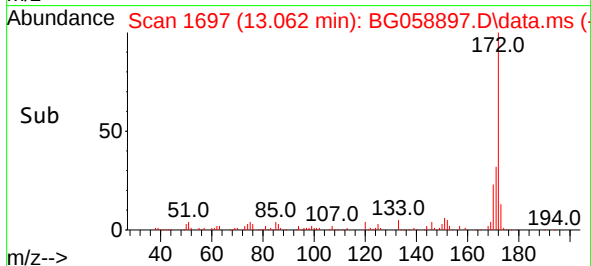
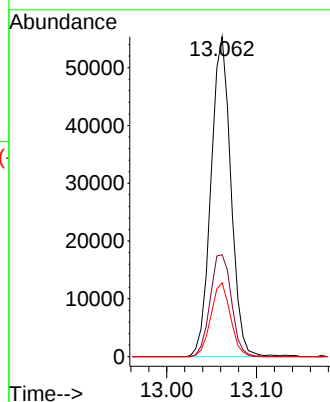
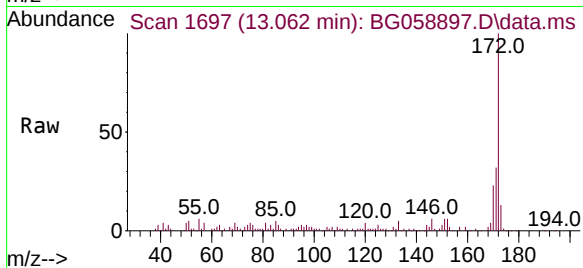
Tgt Ion:172 Resp: 85349

Ion Ratio Lower Upper

172 100

171 31.8 28.1 42.1

170 23.1 18.6 27.8



#56

4-Nitrophenol

Concen: 6.738 ng

RT: 14.660 min Scan# 1969

Delta R.T. -0.021 min

Lab File: BG058897.D

Acq: 29 Aug 2023 21:32

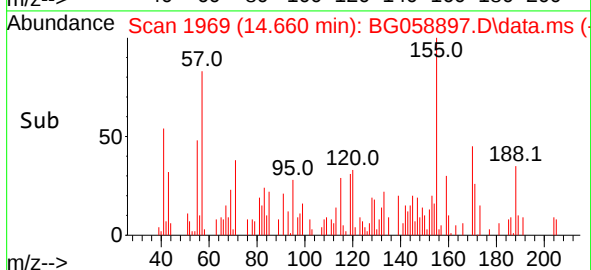
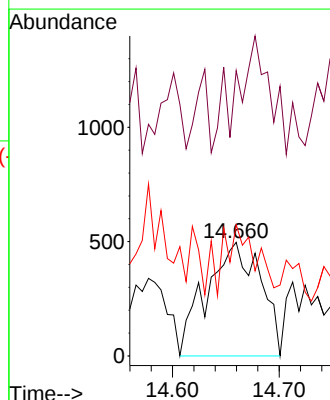
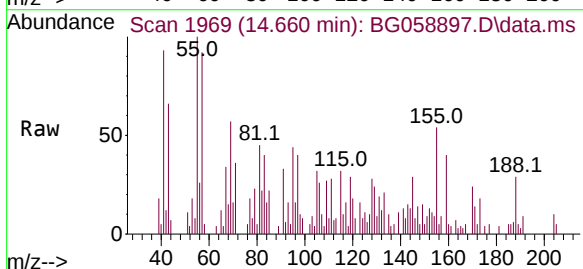
Tgt Ion:139 Resp: 1736

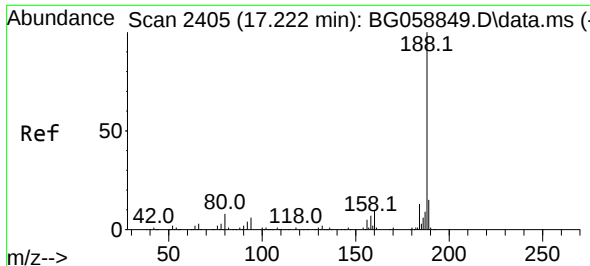
Ion Ratio Lower Upper

139 100

109 251.1 71.9 111.9#

65 115.5 100.7 140.7

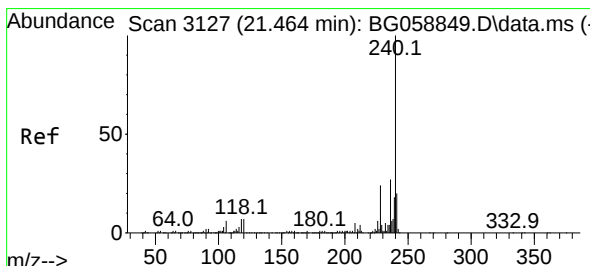
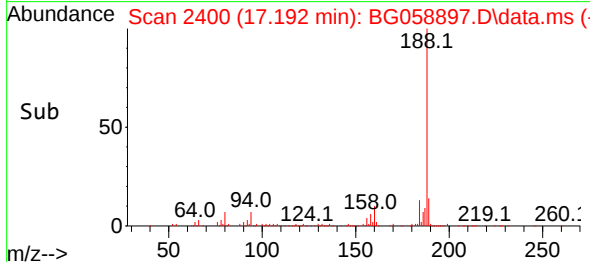
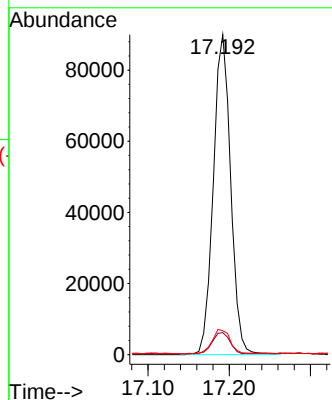
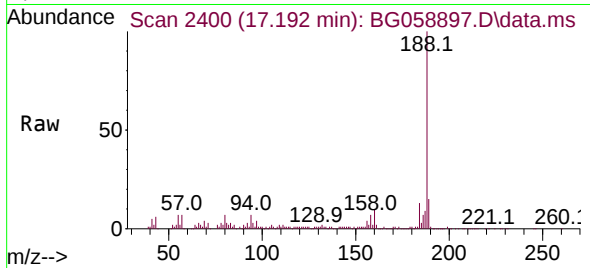




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.192 min Scan# 2405
Delta R.T. 0.008 min
Lab File: BG058897.D
Acq: 29 Aug 2023 21:32

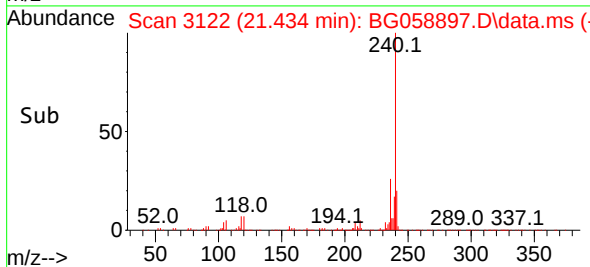
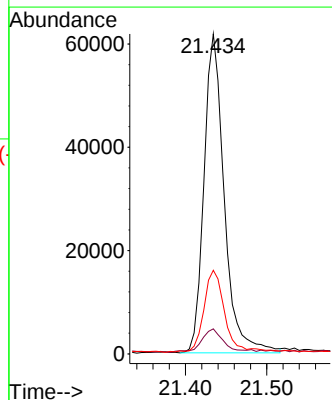
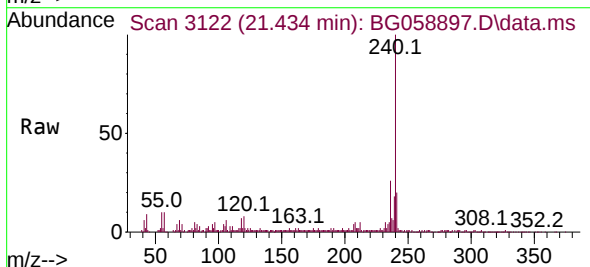
Instrument :
BNA_G
ClientSampleId :
HR-04-082523

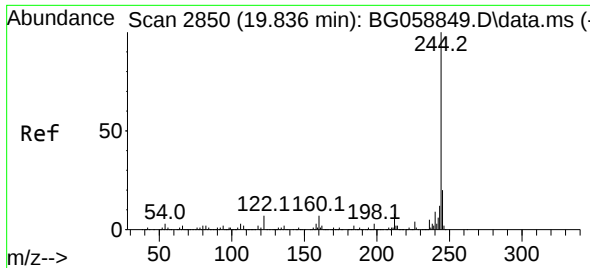
Tgt Ion:188 Resp: 133559
Ion Ratio Lower Upper
188 100
94 6.9 6.1 9.1
80 7.4 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.434 min Scan# 3122
Delta R.T. 0.008 min
Lab File: BG058897.D
Acq: 29 Aug 2023 21:32

Tgt Ion:240 Resp: 107182
Ion Ratio Lower Upper
240 100
120 7.8 6.2 9.2
236 26.1 20.5 30.7





#79

Terphenyl-d14

Concen: 18.716 ng

RT: 19.818 min Scan# 2847

Delta R.T. 0.014 min

Lab File: BG058897.D

Acq: 29 Aug 2023 21:32

Instrument :

BNA_G

ClientSampleId :

HR-04-082523

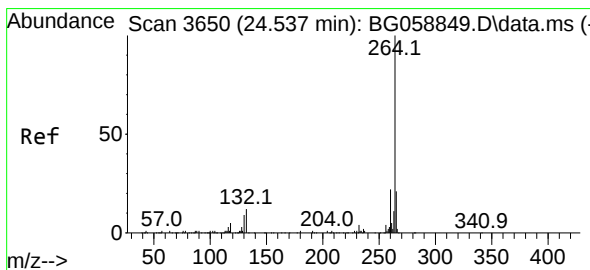
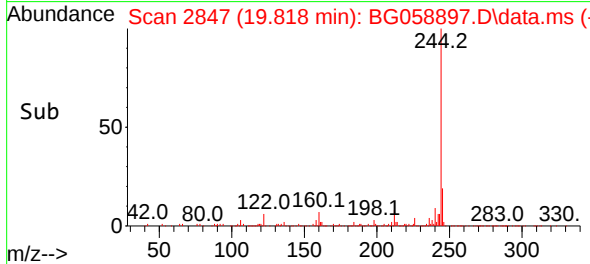
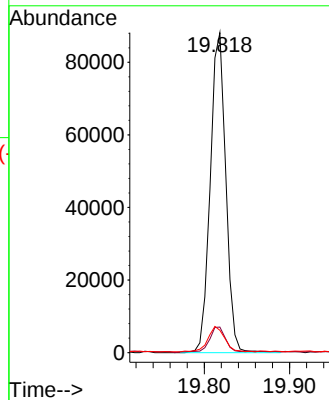
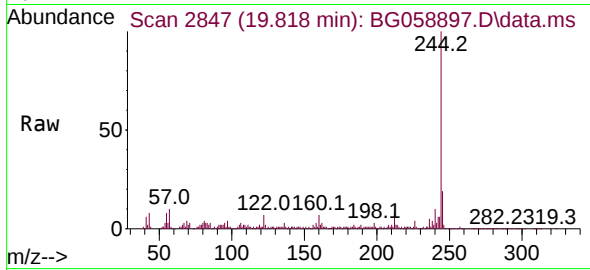
Tgt Ion:244 Resp: 111719

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

122 7.0 6.3 9.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.501 min Scan# 3644

Delta R.T. 0.032 min

Lab File: BG058897.D

Acq: 29 Aug 2023 21:32

Tgt Ion:264 Resp: 91750

Ion Ratio Lower Upper

264 100

260 23.3 18.2 27.2

265 22.8 16.4 24.6

