

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110722\
 Data File : BG055497.D
 Acq On : 8 Nov 2022 4:28
 Operator : CG/JU
 Sample : N5415-14
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 R-27

Quant Time: Nov 08 06:07:35 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 03:46:08 2022
 Response via : Initial Calibration

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

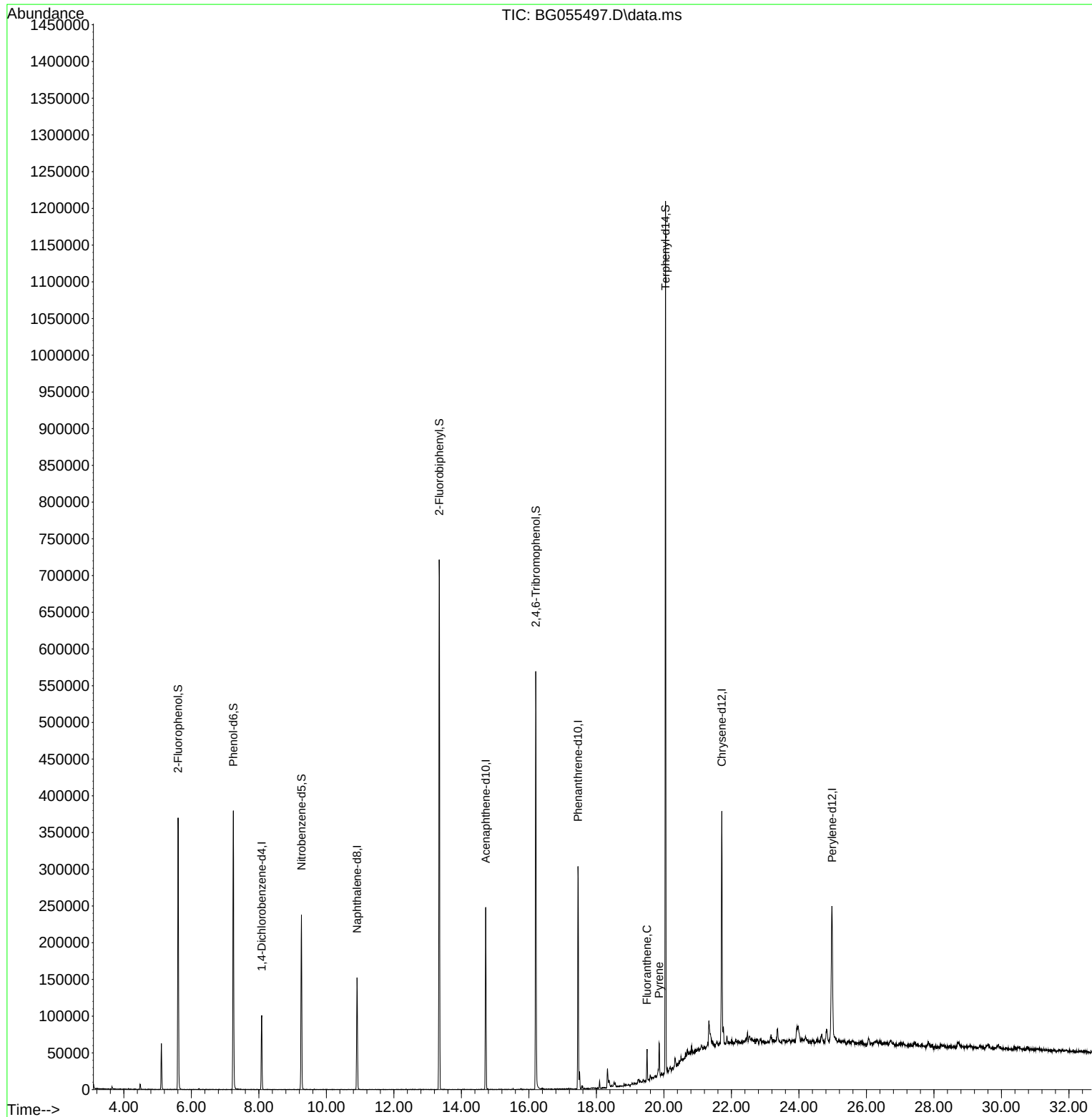
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.084	152	32159	20.000	ng	0.00
21) Naphthalene-d8	10.910	136	141679	20.000	ng	# 0.00
39) Acenaphthene-d10	14.724	164	93522	20.000	ng	0.00
64) Phenanthrene-d10	17.456	188	196485	20.000	ng	0.00
76) Chrysene-d12	21.715	240	186757	20.000	ng	0.00
86) Perylene-d12	24.982	264	211706	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.605	112	194032	108.353	ng	0.00
7) Phenol-d6	7.244	99	250925	101.045	ng	0.00
23) Nitrobenzene-d5	9.259	82	146838	55.236	ng	0.00
42) 2,4,6-Tribromophenol	16.204	330	141097	110.607	ng	-0.01
45) 2-Fluorobiphenyl	13.343	172	407626	64.623	ng	0.00
79) Terphenyl-d14	20.047	244	600231	62.497	ng	0.00
Target Compounds						
75) Fluoranthene	19.500	202	26971	2.029	ng	97
78) Pyrene	19.859	202	28264	2.145	ng	97

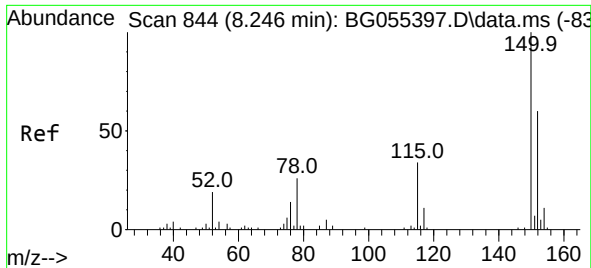
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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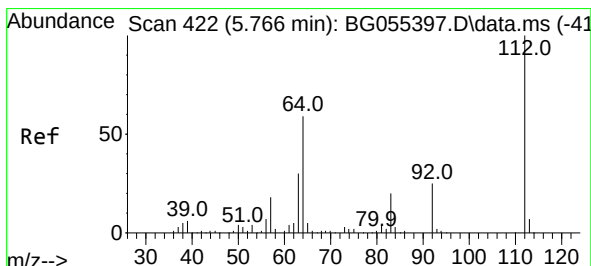
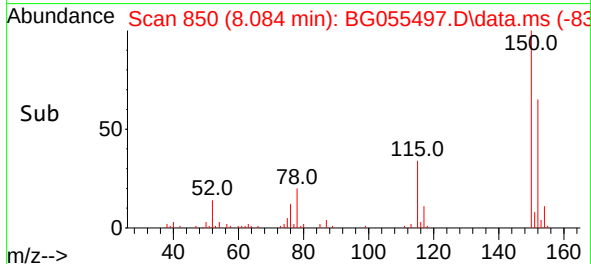
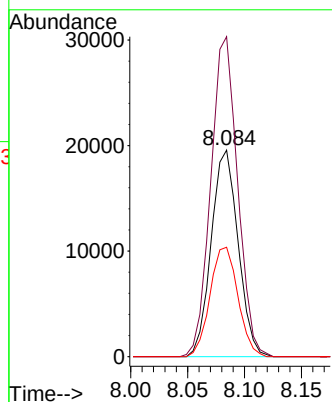
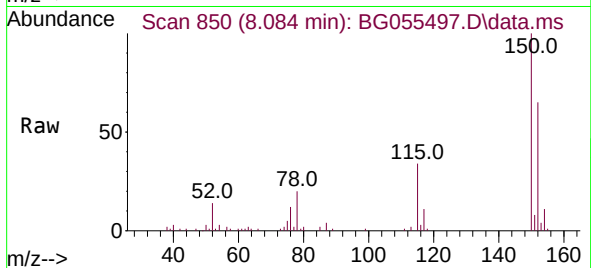




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.084 min Scan# 81
Delta R.T. 0.002 min
Lab File: BG055497.D
Acq: 8 Nov 2022 4:28

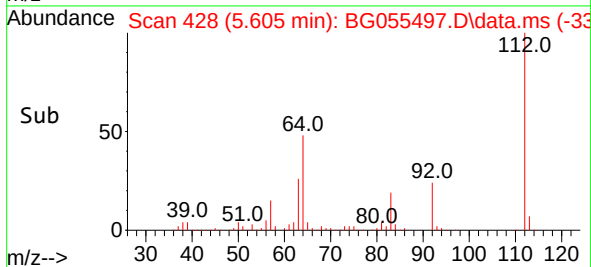
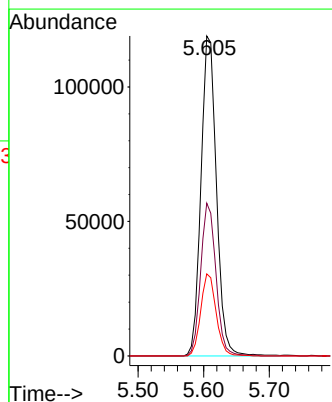
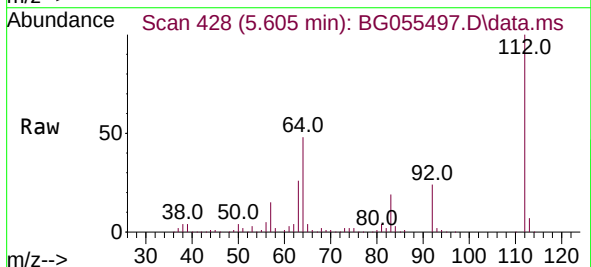
Instrument :
BNA_G
ClientSampleId :
R-27

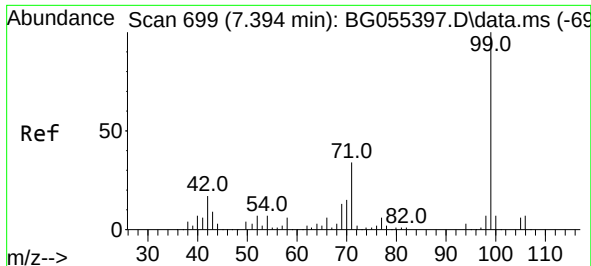
Tgt Ion:152 Resp: 32159
Ion Ratio Lower Upper
152 100
150 155.0 132.8 199.2
115 53.0 45.1 67.7



#5
2-Fluorophenol
Concen: 108.353 ng
RT: 5.605 min Scan# 428
Delta R.T. -0.004 min
Lab File: BG055497.D
Acq: 8 Nov 2022 4:28

Tgt Ion:112 Resp: 194032
Ion Ratio Lower Upper
112 100
64 47.7 47.2 70.8
63 25.6 24.3 36.5

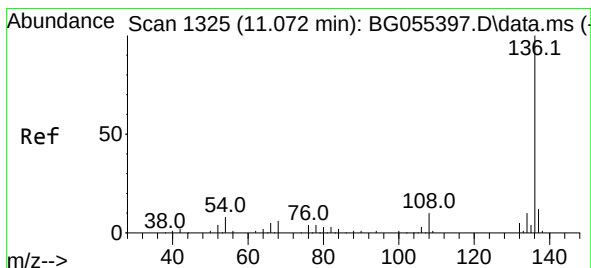
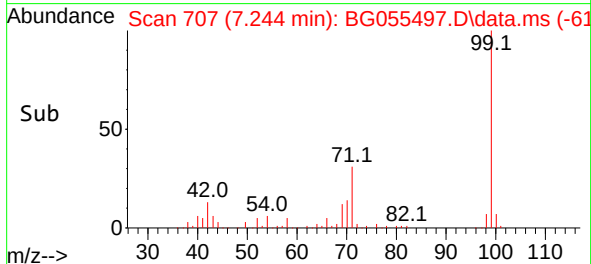
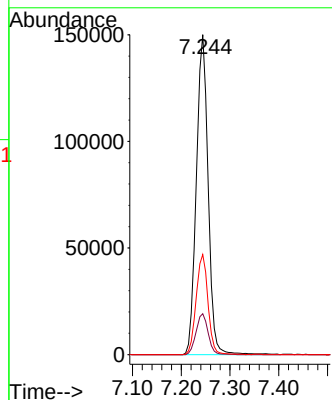
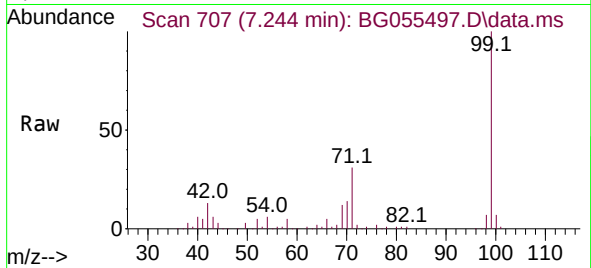




#7
Phenol-d6
Concen: 101.045 ng
RT: 7.244 min Scan# 70
Delta R.T. 0.002 min
Lab File: BG055497.D
Acq: 8 Nov 2022 4:28

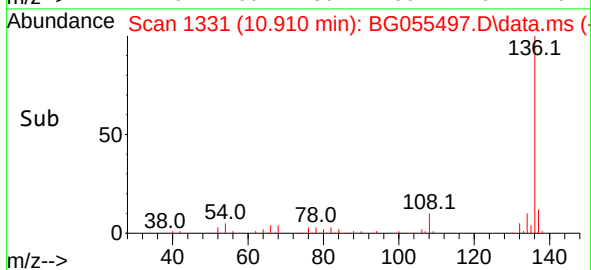
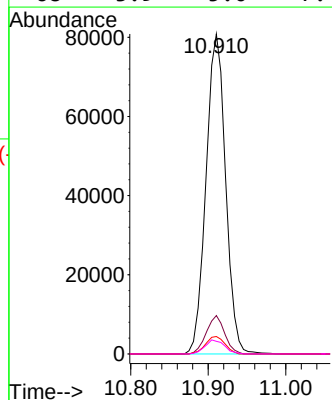
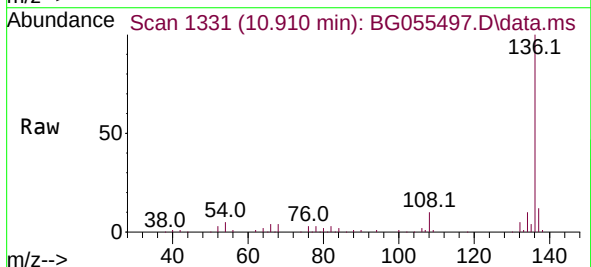
Instrument :
BNA_G
ClientSampleId :
R-27

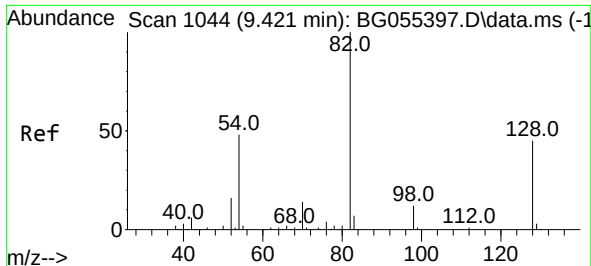
Tgt Ion: 99 Resp: 250925
Ion Ratio Lower Upper
99 100
42 12.8 13.5 20.3#
71 31.3 27.4 41.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.910 min Scan# 1331
Delta R.T. -0.004 min
Lab File: BG055497.D
Acq: 8 Nov 2022 4:28

Tgt Ion: 136 Resp: 141679
Ion Ratio Lower Upper
136 100
137 12.0 9.4 14.2
54 5.4 6.1 9.1#
68 3.9 5.0 7.4#





#23

Nitrobenzene-d5

Concen: 55.236 ng

RT: 9.259 min Scan# 1050

Delta R.T. -0.004 min

Lab File: BG055497.D

Acq: 8 Nov 2022 4:28

Instrument :

BNA_G

ClientSampleId :

R-27

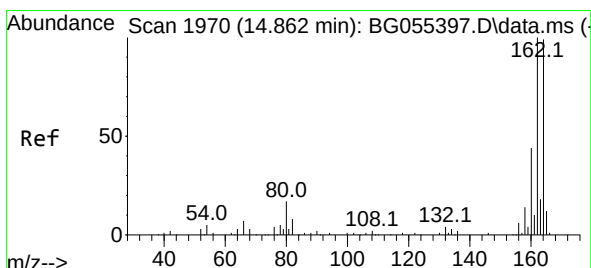
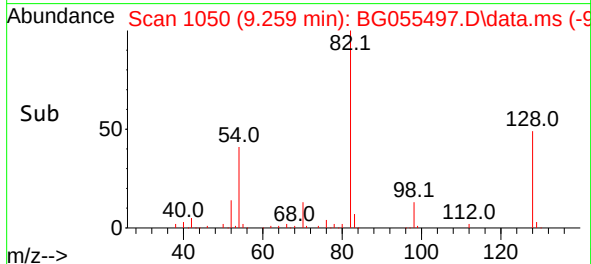
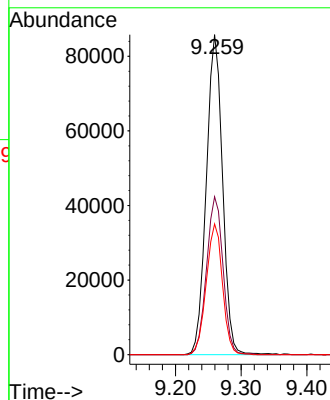
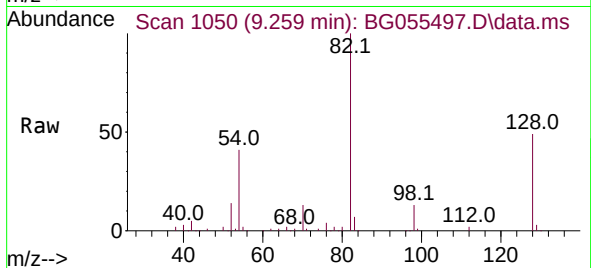
Tgt Ion: 82 Resp: 146838

Ion Ratio Lower Upper

82 100

128 49.4 35.8 53.8

54 40.8 38.1 57.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.724 min Scan# 1980

Delta R.T. -0.004 min

Lab File: BG055497.D

Acq: 8 Nov 2022 4:28

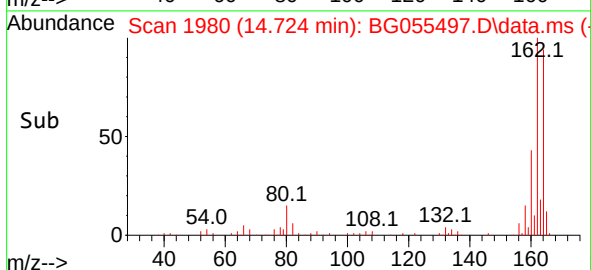
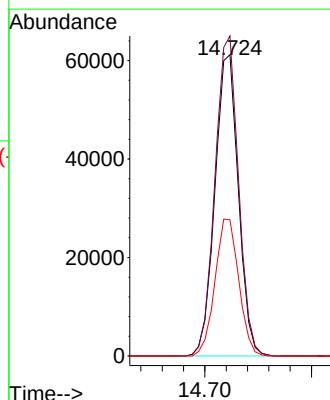
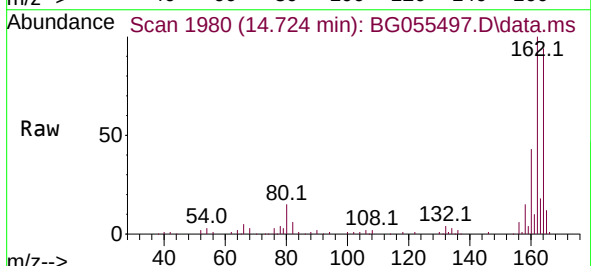
Tgt Ion: 164 Resp: 93522

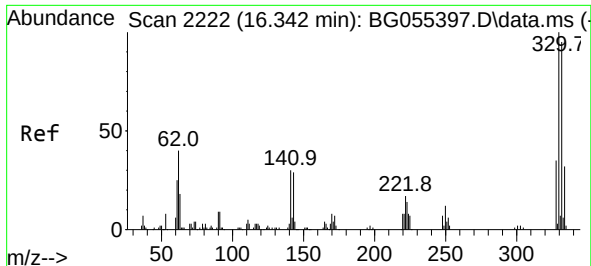
Ion Ratio Lower Upper

164 100

162 106.2 81.1 121.7

160 45.2 35.8 53.6

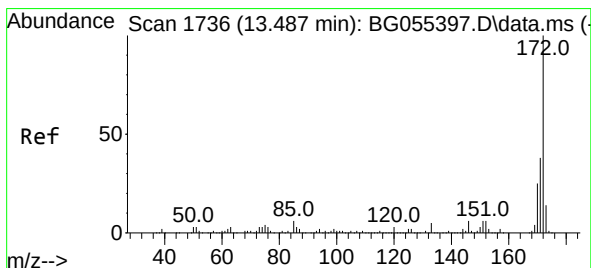
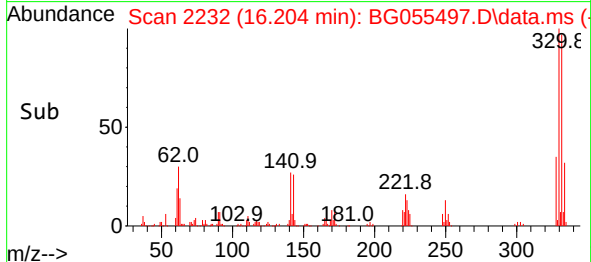
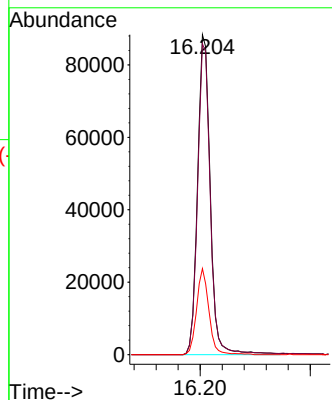
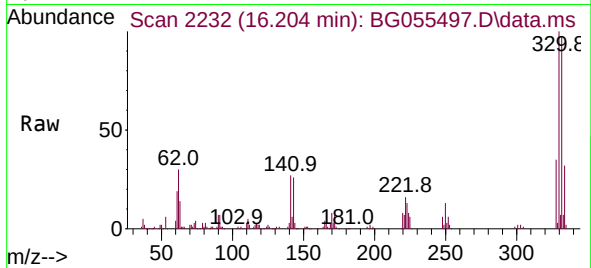




#42
2,4,6-Tribromophenol
Concen: 110.607 ng
RT: 16.204 min Scan# 21
Delta R.T. -0.010 min
Lab File: BG055497.D
Acq: 8 Nov 2022 4:28

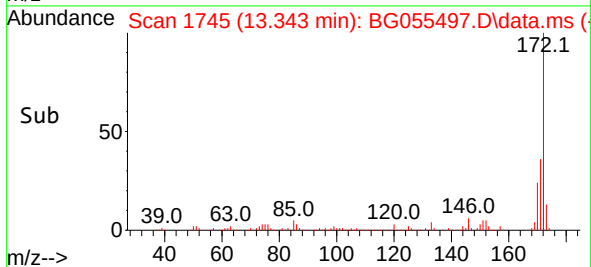
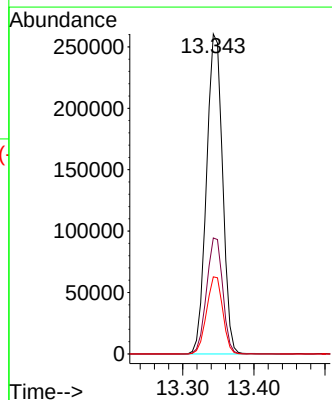
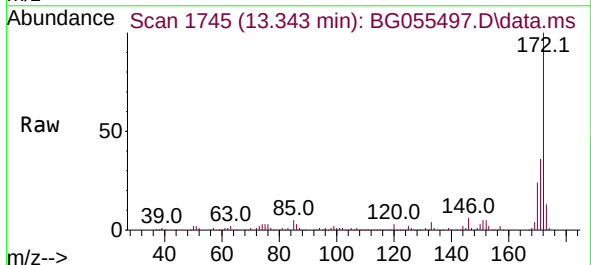
Instrument :
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ClientSampleId :
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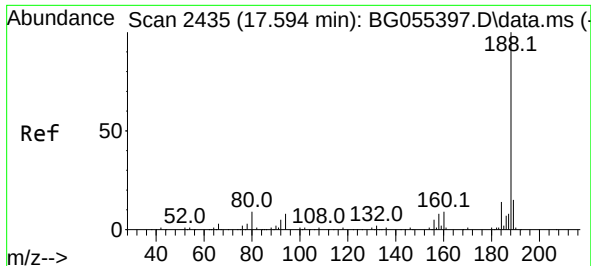
Tgt Ion:330 Resp: 141097
Ion Ratio Lower Upper
330 100
332 97.0 77.8 116.6
141 26.0 24.2 36.2



#45
2-Fluorobiphenyl
Concen: 64.623 ng
RT: 13.343 min Scan# 1745
Delta R.T. -0.004 min
Lab File: BG055497.D
Acq: 8 Nov 2022 4:28

Tgt Ion:172 Resp: 407626
Ion Ratio Lower Upper
172 100
171 36.2 30.2 45.2
170 24.1 20.2 30.2

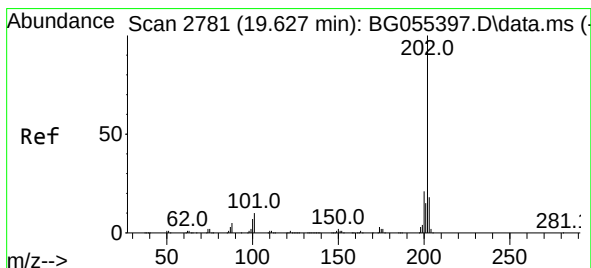
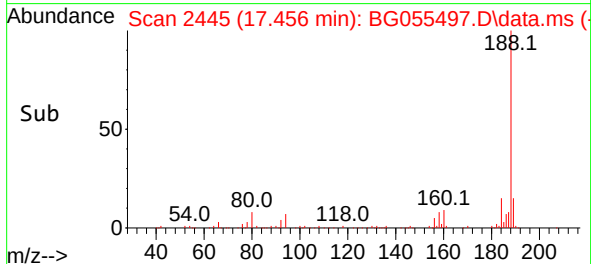
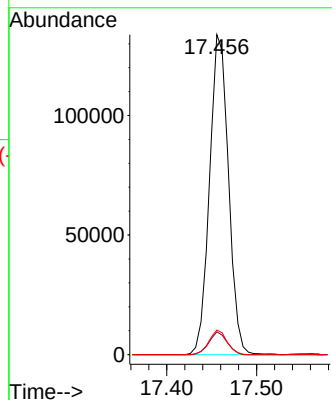
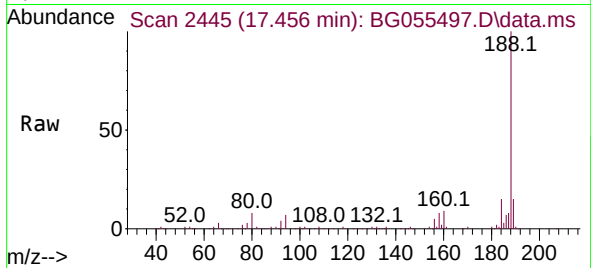




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.456 min Scan# 2435
Delta R.T. -0.010 min
Lab File: BG055497.D
Acq: 8 Nov 2022 4:28

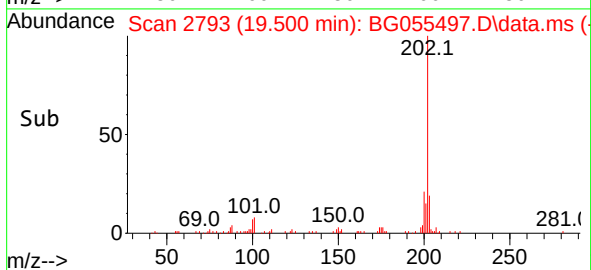
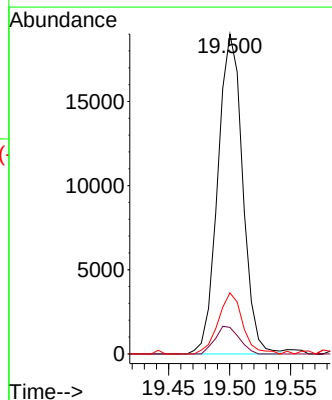
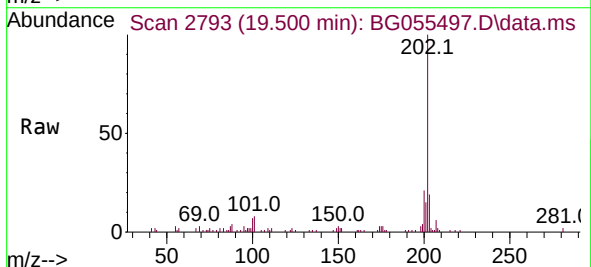
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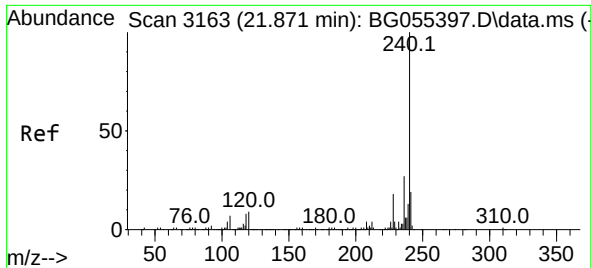
Tgt Ion:188 Resp: 196485
Ion Ratio Lower Upper
188 100
94 7.1 6.5 9.7
80 7.7 7.4 11.0



#75
Fluoranthene
Concen: 2.029 ng
RT: 19.500 min Scan# 2793
Delta R.T. -0.004 min
Lab File: BG055497.D
Acq: 8 Nov 2022 4:28

Tgt Ion:202 Resp: 26971
Ion Ratio Lower Upper
202 100
101 8.3 0.0 29.8
203 19.1 0.0 38.1

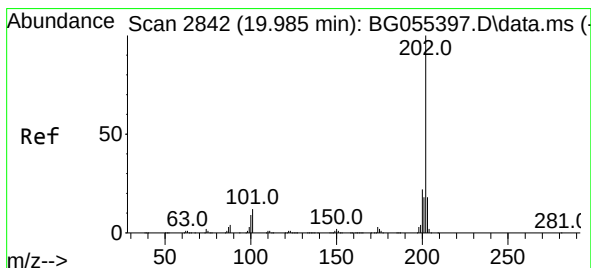
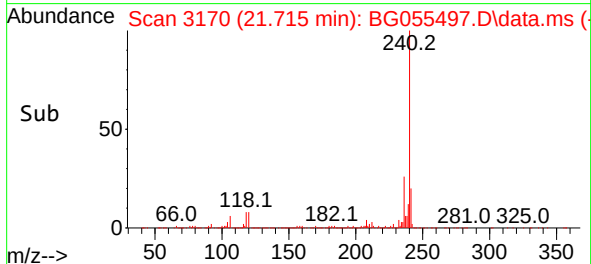
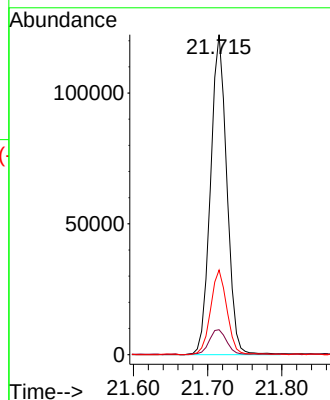
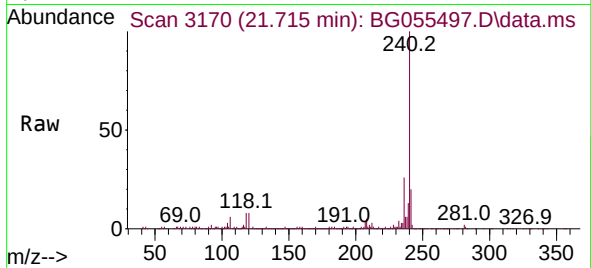




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.715 min Scan# 3163
Delta R.T. -0.010 min
Lab File: BG055497.D
Acq: 8 Nov 2022 4:28

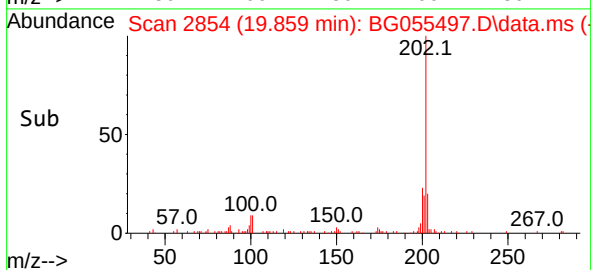
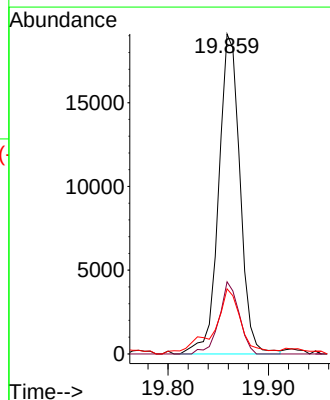
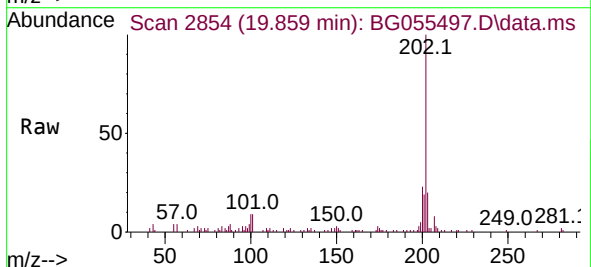
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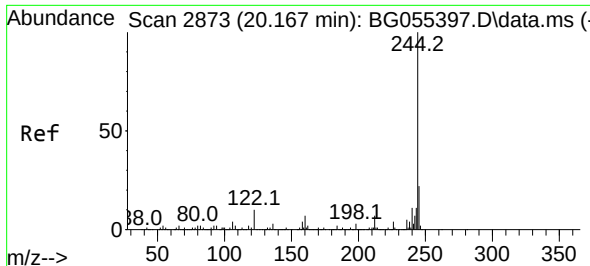
Tgt Ion:240 Resp: 186757
Ion Ratio Lower Upper
240 100
120 7.8 6.9 10.3
236 26.4 21.5 32.3



#78
Pyrene
Concen: 2.145 ng
RT: 19.859 min Scan# 2854
Delta R.T. -0.010 min
Lab File: BG055497.D
Acq: 8 Nov 2022 4:28

Tgt Ion:202 Resp: 28264
Ion Ratio Lower Upper
202 100
200 22.6 17.4 26.2
203 20.3 14.7 22.1

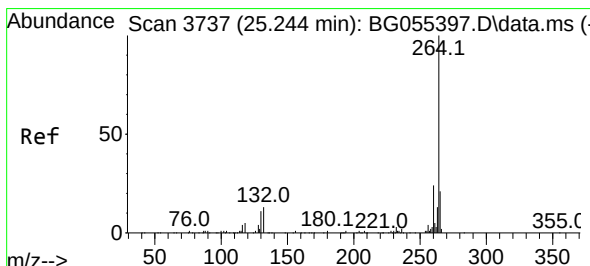
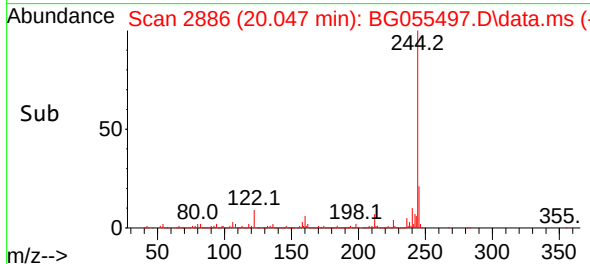
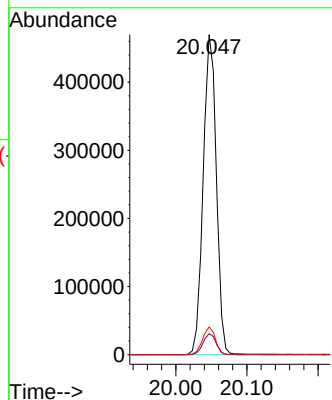
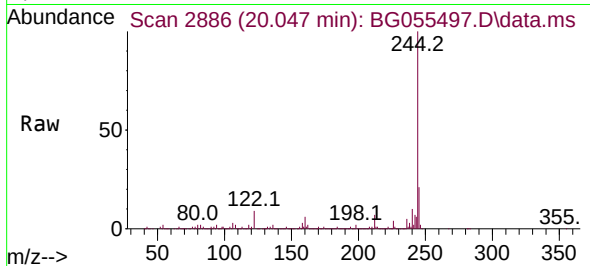




#79
 Terphenyl-d14
 Concen: 62.497 ng
 RT: 20.047 min Scan# 2873
 Delta R.T. -0.004 min
 Lab File: BG055497.D
 Acq: 8 Nov 2022 4:28

Instrument :
 BNA_G
 ClientSampleId :
 R-27

Tgt Ion:244 Resp: 600231
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.8 8.8
 122 8.6 7.8 11.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.982 min Scan# 3726
 Delta R.T. -0.004 min
 Lab File: BG055497.D
 Acq: 8 Nov 2022 4:28

Tgt Ion:264 Resp: 211706
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.9 28.3
 265 22.1 17.1 25.7

