

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080222\
 Data File : BG054489.D
 Acq On : 2 Aug 2022 18:56
 Operator : CG/JU
 Sample : N3895-19
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RVE-57

Quant Time: Aug 03 04:14:30 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 28 04:30:50 2022
 Response via : Initial Calibration

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

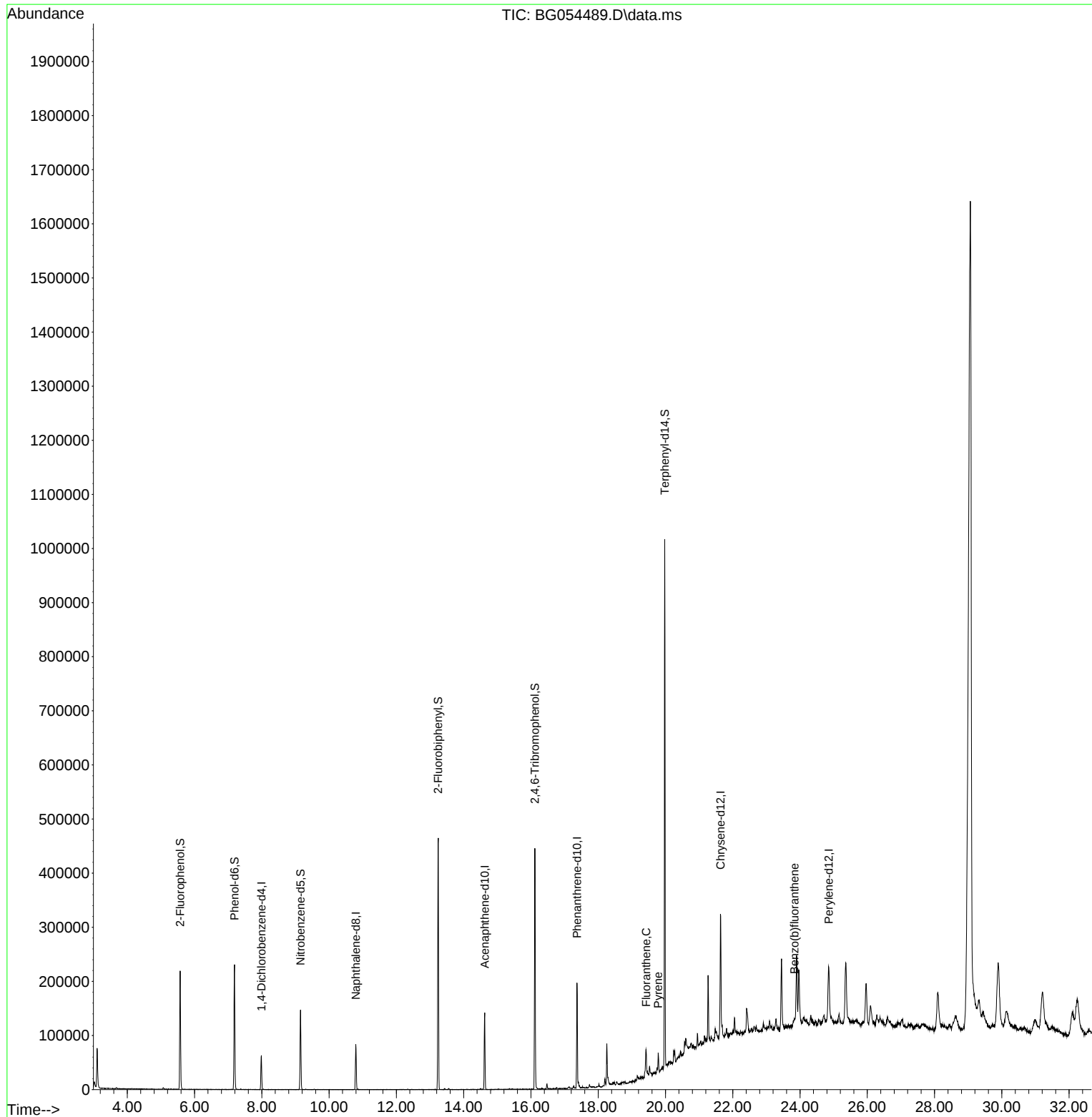
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.987	152	20039	20.000	ng	0.00
21) Naphthalene-d8	10.796	136	76669	20.000	ng	# 0.00
39) Acenaphthene-d10	14.626	164	57043	20.000	ng	0.00
64) Phenanthrene-d10	17.370	188	137075	20.000	ng	# 0.00
76) Chrysene-d12	21.636	240	153710	20.000	ng	# 0.00
86) Perylene-d12	24.856	264	145505	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.572	112	100519	104.732	ng	0.01
7) Phenol-d6	7.188	99	134630	102.370	ng	0.02
23) Nitrobenzene-d5	9.150	82	91158	64.748	ng	0.00
42) 2,4,6-Tribromophenol	16.119	330	120553	100.655	ng	0.00
45) 2-Fluorobiphenyl	13.246	172	275675	68.175	ng	0.00
79) Terphenyl-d14	19.979	244	541988	69.950	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	19.427	202	24428	2.625	ng	94
78) Pyrene	19.785	202	25617	2.905	ng	95
88) Benzo(b)fluoranthene	23.833	252	21609	2.511	ng	# 85

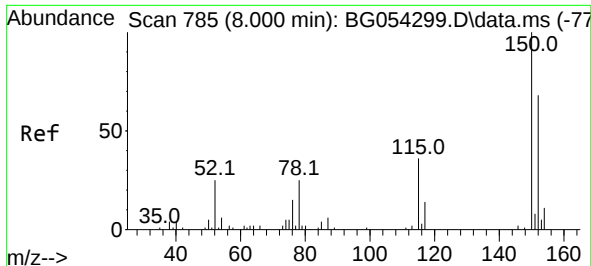
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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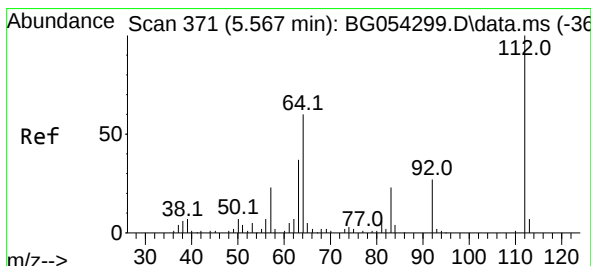
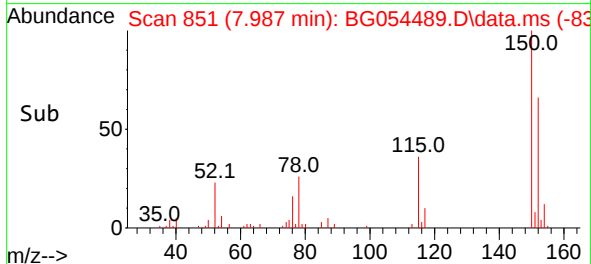
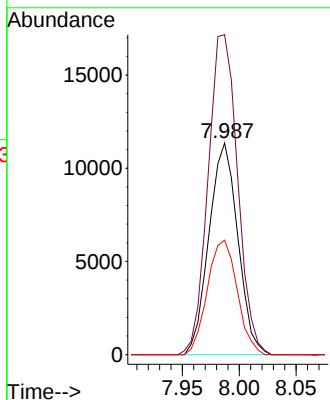
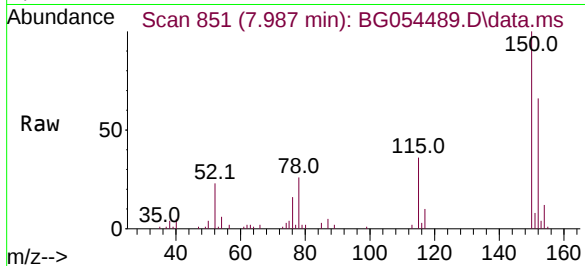




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.987 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG054489.D
Acq: 2 Aug 2022 18:56

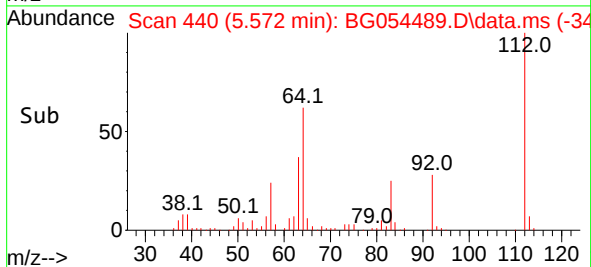
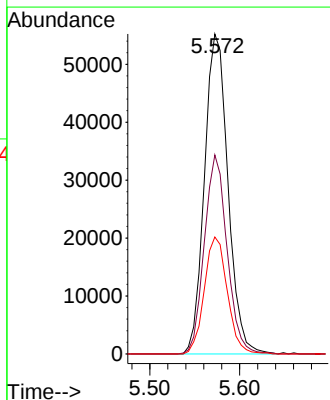
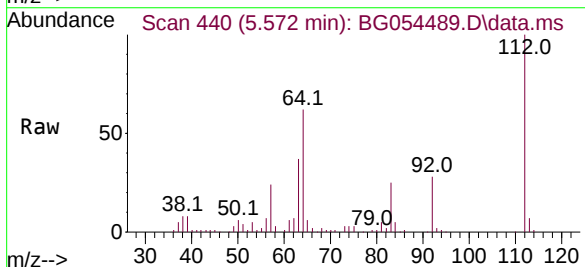
Instrument :
BNA_G
ClientSampleId :
RVE-57

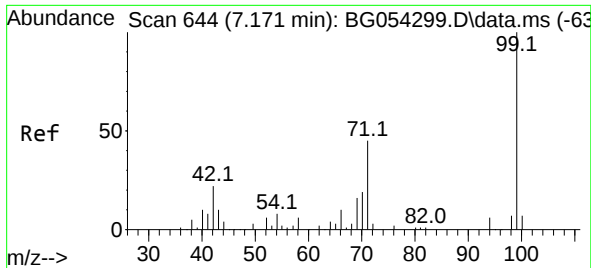
Tgt Ion:152 Resp: 20039
Ion Ratio Lower Upper
152 100
150 151.2 131.6 197.4
115 54.1 50.9 76.3



#5
2-Fluorophenol
Concen: 104.732 ng
RT: 5.572 min Scan# 440
Delta R.T. 0.010 min
Lab File: BG054489.D
Acq: 2 Aug 2022 18:56

Tgt Ion:112 Resp: 100519
Ion Ratio Lower Upper
112 100
64 62.2 55.1 82.7
63 36.5 30.4 45.6

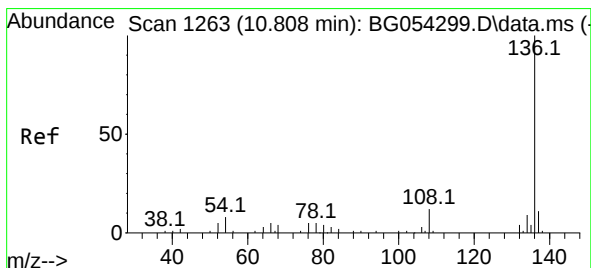
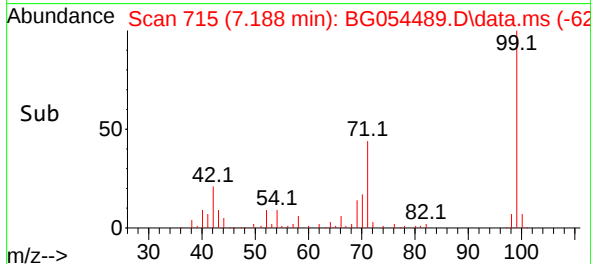
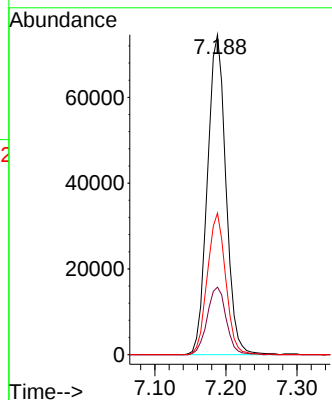
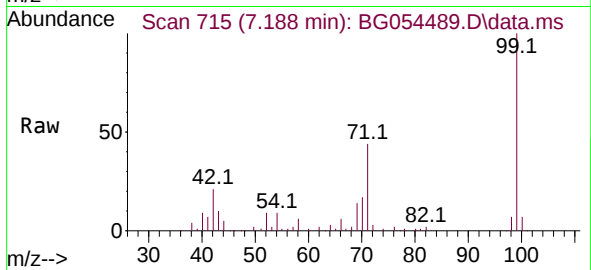




#7
Phenol-d6
Concen: 102.370 ng
RT: 7.188 min Scan# 71
Delta R.T. 0.016 min
Lab File: BG054489.D
Acq: 2 Aug 2022 18:56

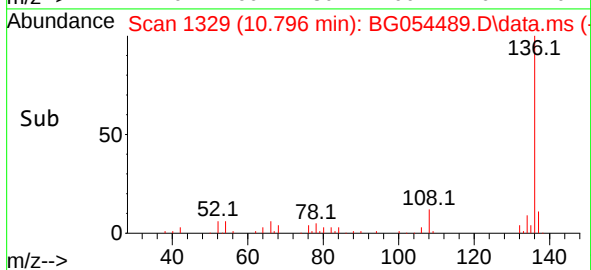
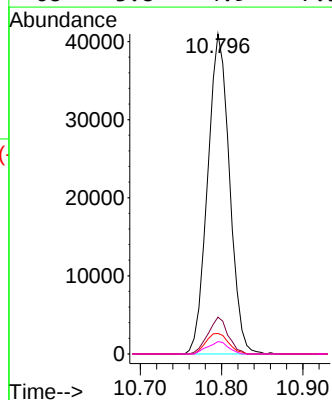
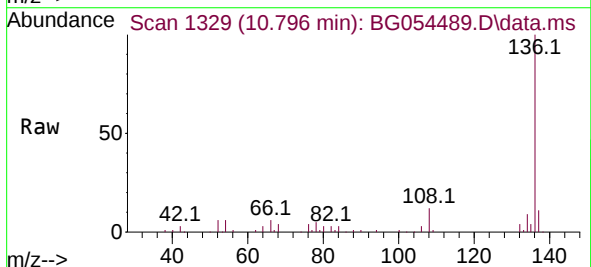
Instrument :
BNA_G
ClientSampleId :
RVE-57

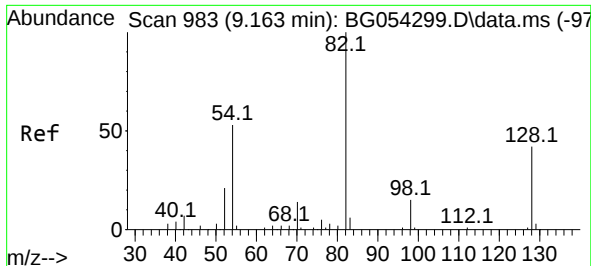
Tgt Ion: 99 Resp: 134630
Ion Ratio Lower Upper
99 100
42 21.1 17.0 25.6
71 44.2 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.796 min Scan# 1329
Delta R.T. -0.001 min
Lab File: BG054489.D
Acq: 2 Aug 2022 18:56

Tgt Ion:136 Resp: 76669
Ion Ratio Lower Upper
136 100
137 11.5 8.5 12.7
54 6.4 7.4 11.2#
68 3.8 4.9 7.3#

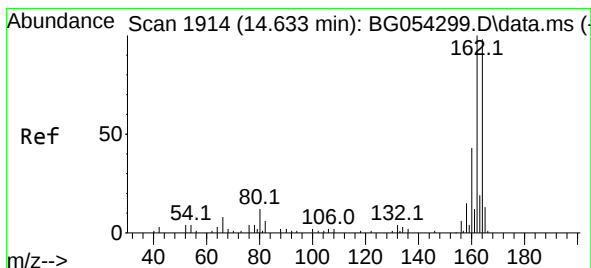
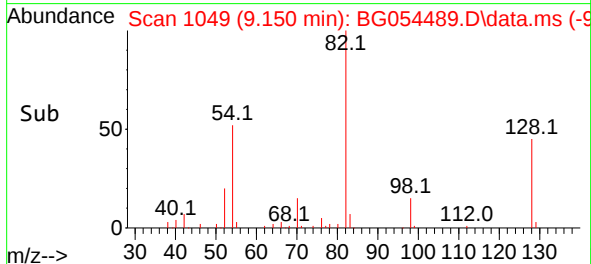
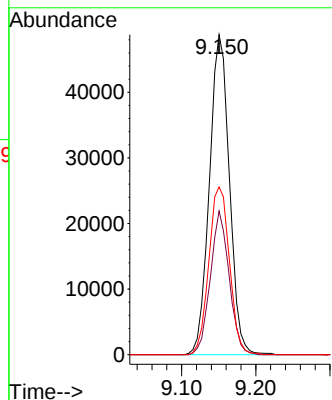
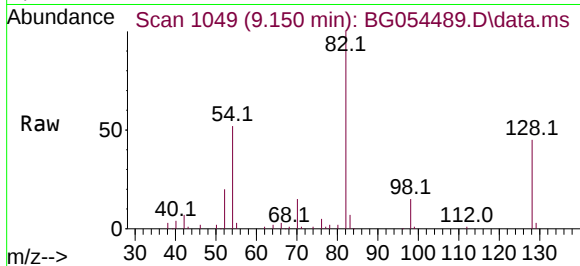




#23
Nitrobenzene-d5
Concen: 64.748 ng
RT: 9.150 min Scan# 1049
Delta R.T. -0.001 min
Lab File: BG054489.D
Acq: 2 Aug 2022 18:56

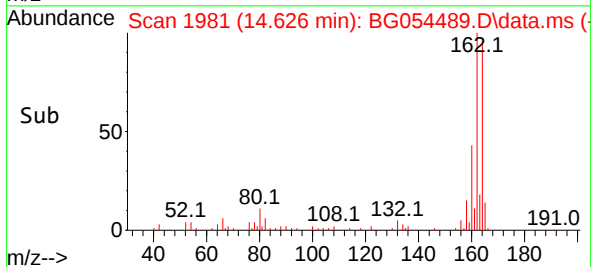
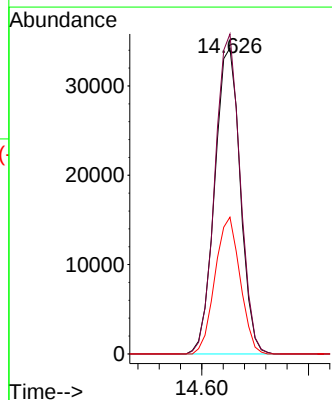
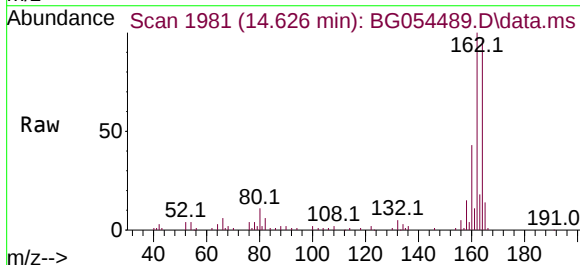
Instrument :
BNA_G
ClientSampleId :
RVE-57

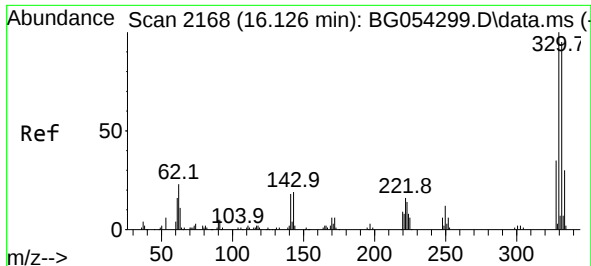
Tgt Ion: 82 Resp: 91158
Ion Ratio Lower Upper
82 100
128 44.9 27.9 41.9#
54 52.4 41.2 61.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.626 min Scan# 1981
Delta R.T. 0.005 min
Lab File: BG054489.D
Acq: 2 Aug 2022 18:56

Tgt Ion:164 Resp: 57043
Ion Ratio Lower Upper
164 100
162 104.6 82.3 123.5
160 44.7 34.2 51.2

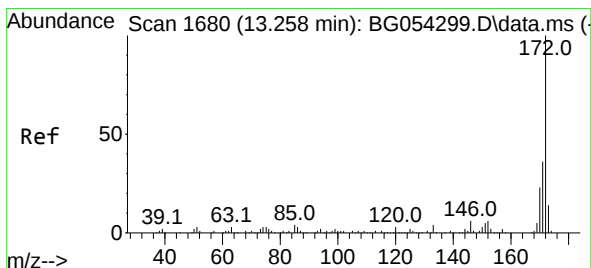
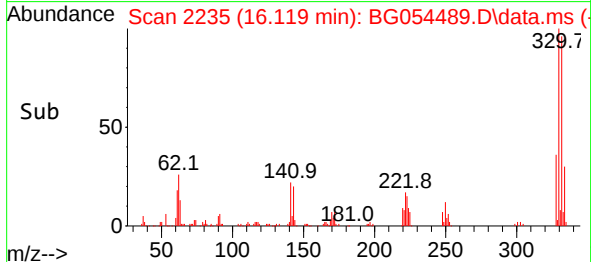
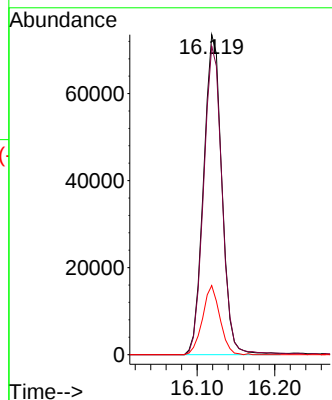
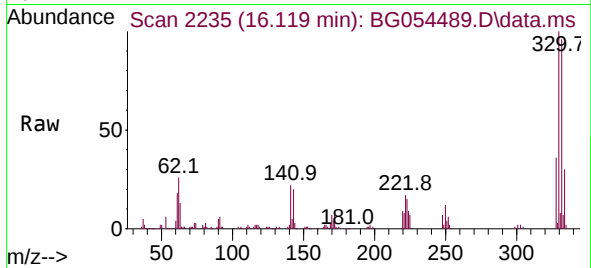




#42
2,4,6-Tribromophenol
Concen: 100.655 ng
RT: 16.119 min Scan# 2168
Delta R.T. 0.005 min
Lab File: BG054489.D
Acq: 2 Aug 2022 18:56

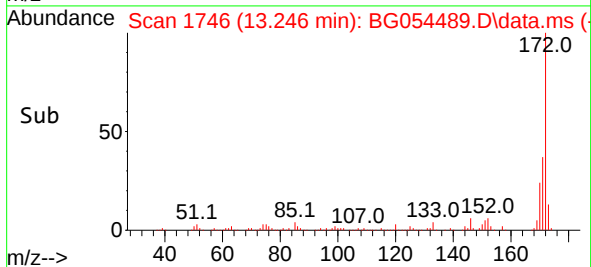
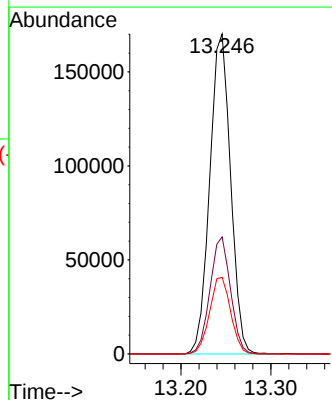
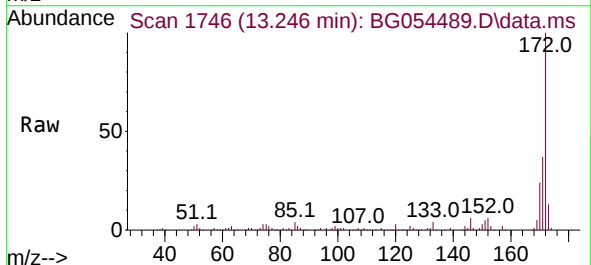
Instrument :
BNA_G
ClientSampleId :
RVE-57

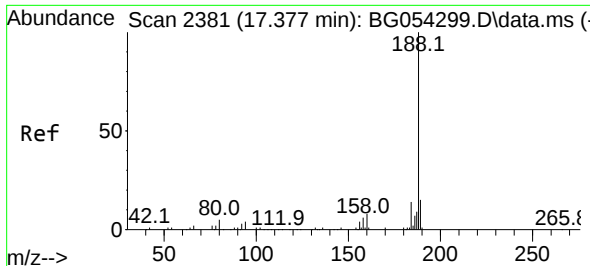
Tgt Ion:330 Resp: 120553
Ion Ratio Lower Upper
330 100
332 96.9 76.0 114.0
141 20.3 27.1 40.7#



#45
2-Fluorobiphenyl
Concen: 68.175 ng
RT: 13.246 min Scan# 1746
Delta R.T. -0.001 min
Lab File: BG054489.D
Acq: 2 Aug 2022 18:56

Tgt Ion:172 Resp: 275675
Ion Ratio Lower Upper
172 100
171 36.6 28.5 42.7
170 23.9 18.9 28.3

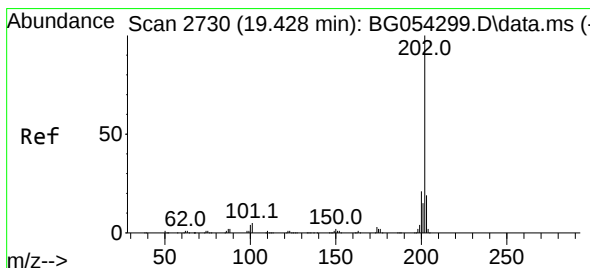
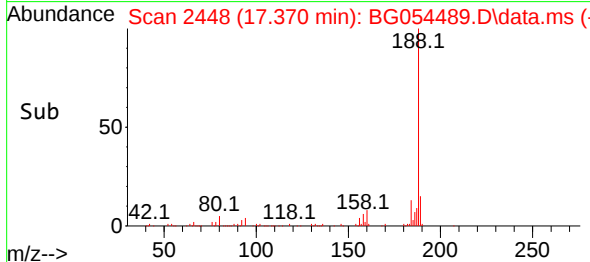
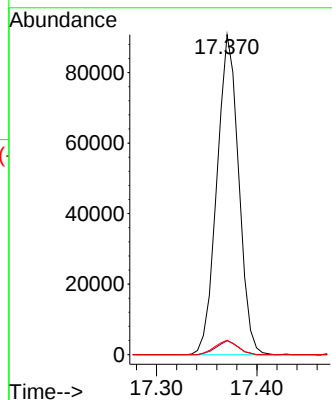
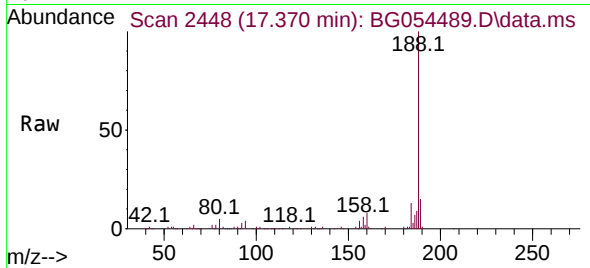




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.370 min Scan# 24
Delta R.T. -0.001 min
Lab File: BG054489.D
Acq: 2 Aug 2022 18:56

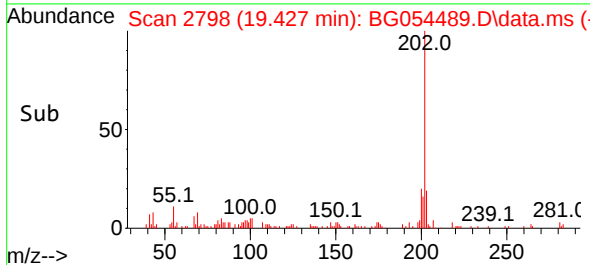
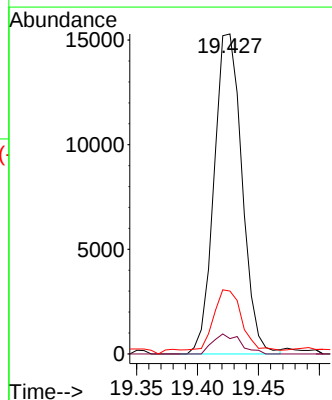
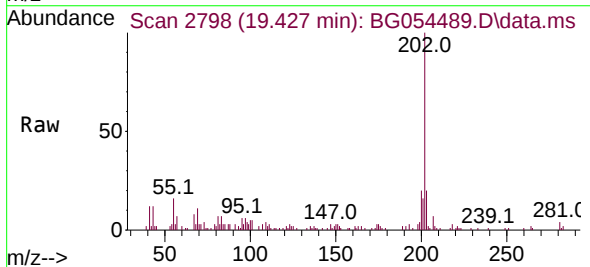
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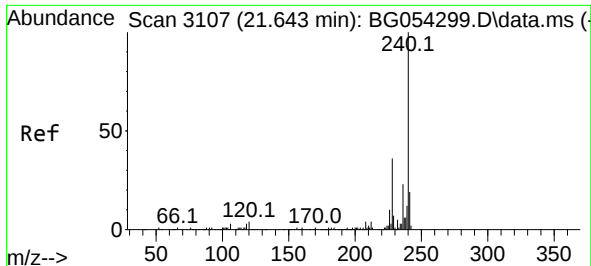
Tgt Ion:188 Resp: 137075
Ion Ratio Lower Upper
188 100
94 4.3 5.4 8.0#
80 4.5 6.8 10.2#



#75
Fluoranthene
Concen: 2.625 ng
RT: 19.427 min Scan# 2798
Delta R.T. 0.005 min
Lab File: BG054489.D
Acq: 2 Aug 2022 18:56

Tgt Ion:202 Resp: 24428
Ion Ratio Lower Upper
202 100
101 4.8 0.0 26.9
203 19.6 0.0 37.2

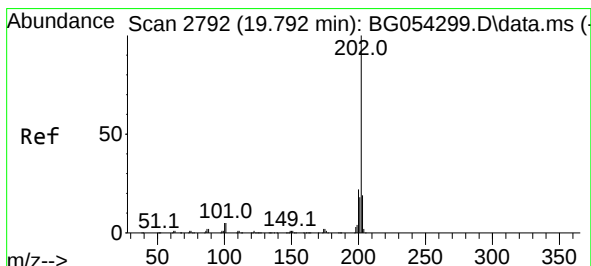
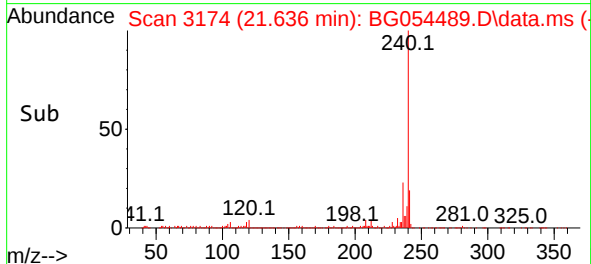
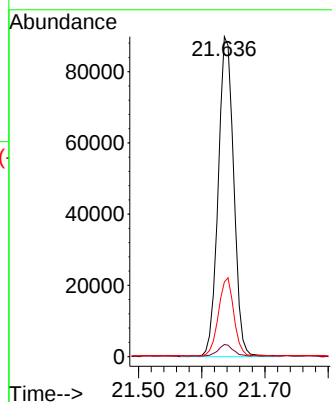
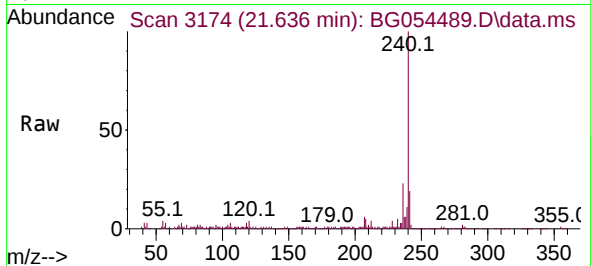




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.636 min Scan# 3107
Delta R.T. -0.001 min
Lab File: BG054489.D
Acq: 2 Aug 2022 18:56

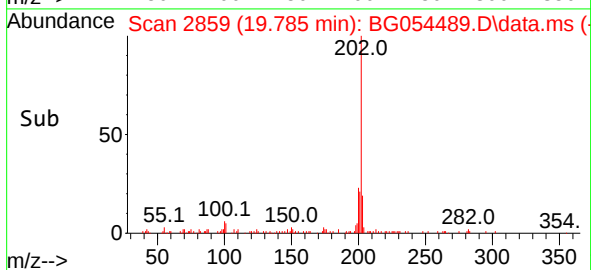
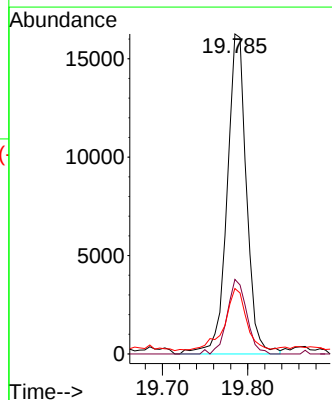
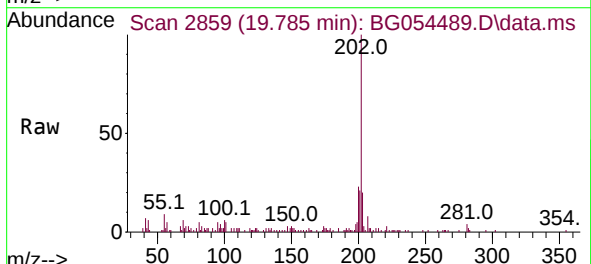
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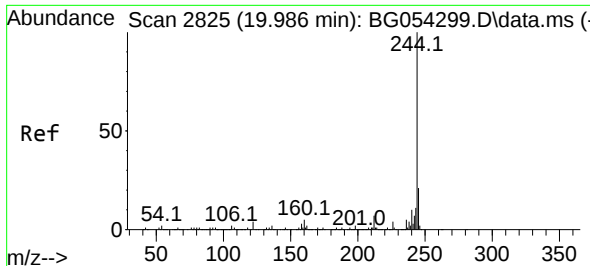
Tgt Ion:240 Resp: 153710
Ion Ratio Lower Upper
240 100
120 3.8 4.6 7.0#
236 23.3 20.2 30.4



#78
Pyrene
Concen: 2.905 ng
RT: 19.785 min Scan# 2859
Delta R.T. -0.001 min
Lab File: BG054489.D
Acq: 2 Aug 2022 18:56

Tgt Ion:202 Resp: 25617
Ion Ratio Lower Upper
202 100
200 23.3 16.6 24.8
203 20.4 14.6 21.8

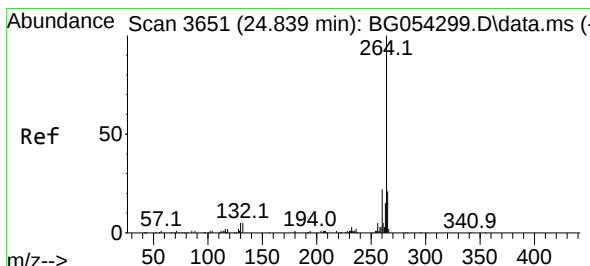
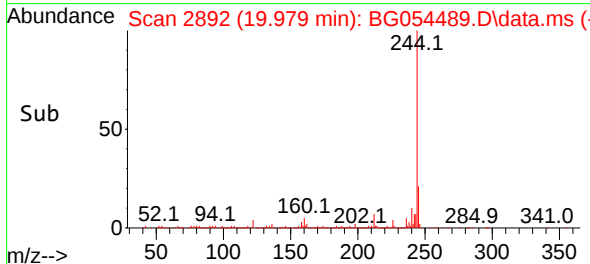
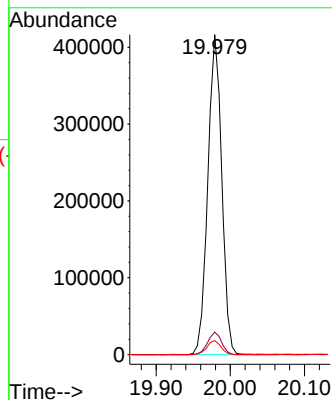
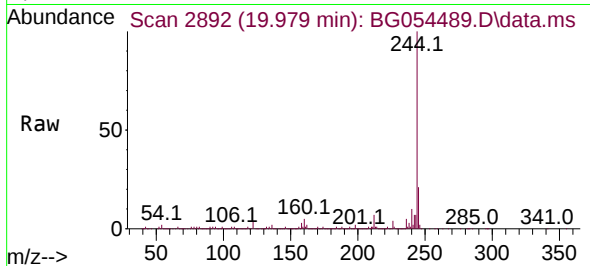




#79
 Terphenyl-d14
 Concen: 69.950 ng
 RT: 19.979 min Scan# 2825
 Delta R.T. -0.001 min
 Lab File: BG054489.D
 Acq: 2 Aug 2022 18:56

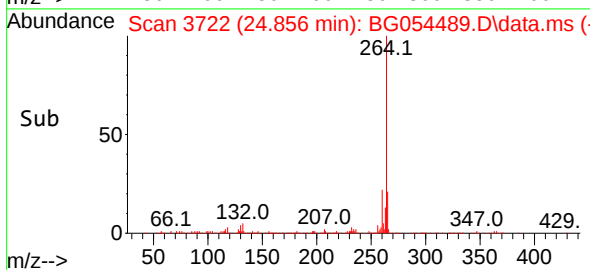
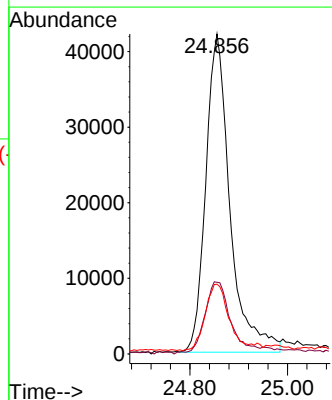
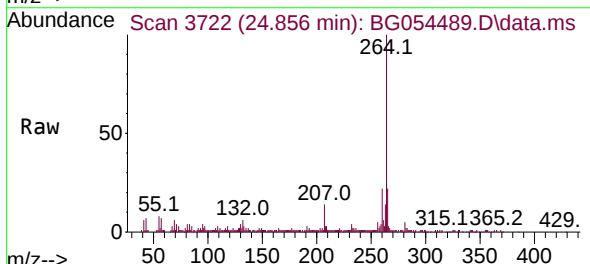
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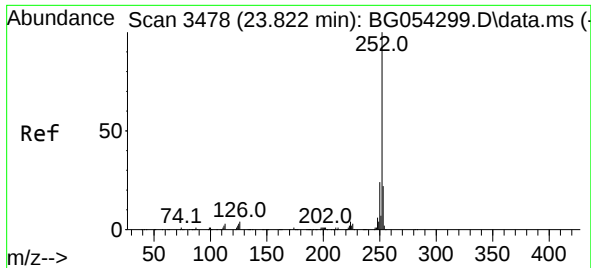
Tgt Ion:244 Resp: 541988
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.5 9.7
 122 4.4 5.0 7.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.856 min Scan# 3722
 Delta R.T. 0.022 min
 Lab File: BG054489.D
 Acq: 2 Aug 2022 18:56

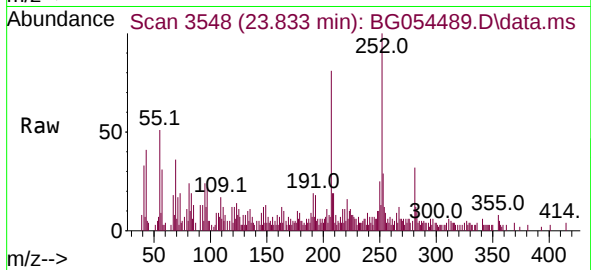
Tgt Ion:264 Resp: 145505
 Ion Ratio Lower Upper
 264 100
 260 22.4 19.0 28.6
 265 21.8 17.4 26.2





#88
 Benzo(b)fluoranthene
 Concen: 2.511 ng
 RT: 23.833 min Scan# 31
 Delta R.T. 0.010 min
 Lab File: BG054489.D
 Acq: 2 Aug 2022 18:56

Instrument :
 BNA_G
 ClientSampleId :
 RVE-57



Tgt Ion:	252	Resp:	21609
Ion Ratio	Lower	Upper	
252	100		
253	29.3	18.0	27.0#
125	11.4	4.6	6.8#

