

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080322\
 Data File : BG054506.D
 Acq On : 3 Aug 2022 19:31
 Operator : CG/JU
 Sample : N3935-16
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RVE-146

Quant Time: Aug 04 00:44:31 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)

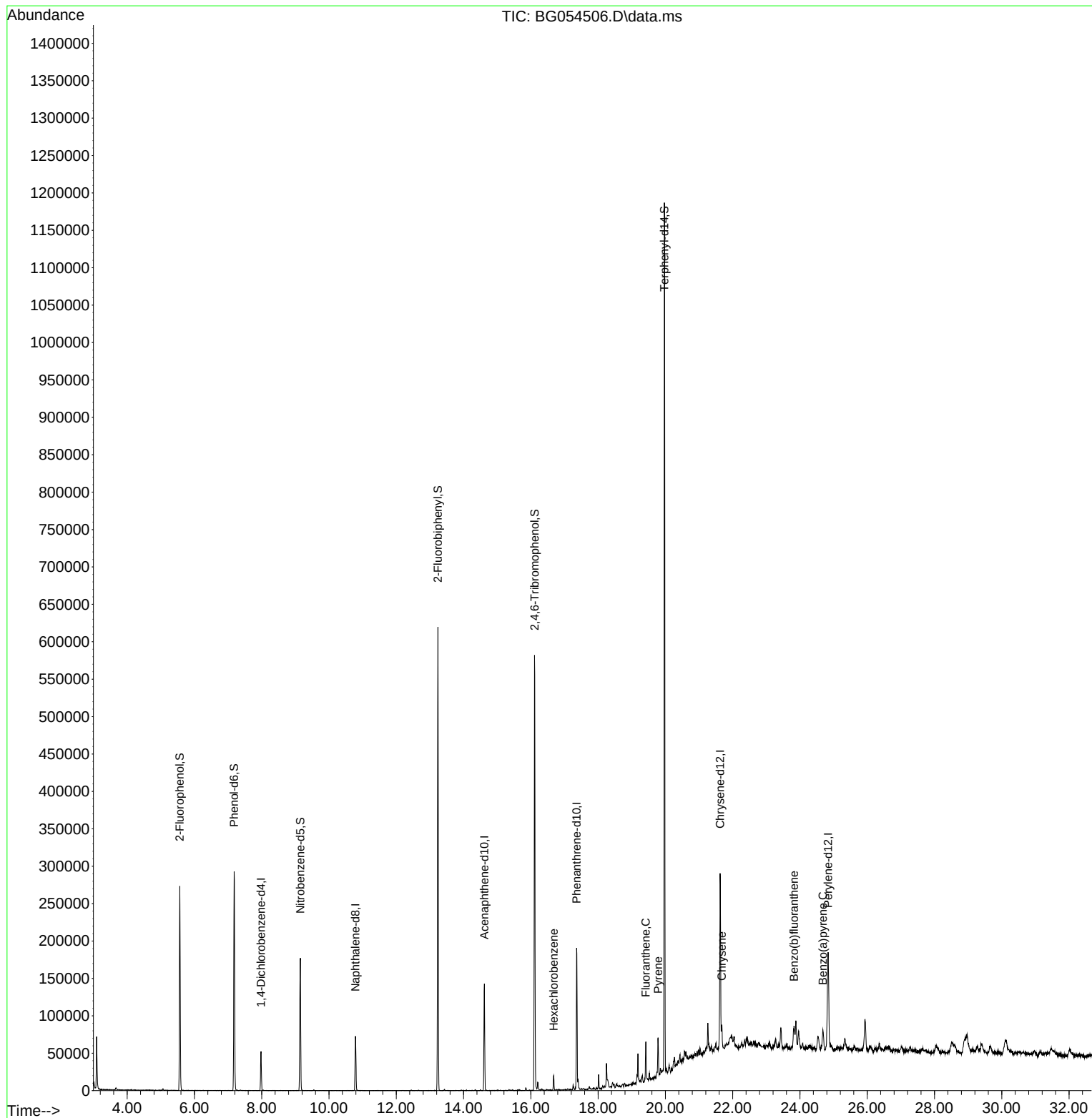
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.979	152	16572	20.000	ng	0.00
21) Naphthalene-d8	10.788	136	68451	20.000	ng	# 0.00
39) Acenaphthene-d10	14.618	164	55666	20.000	ng	0.00
64) Phenanthrene-d10	17.362	188	137908	20.000	ng	# 0.00
76) Chrysene-d12	21.628	240	149932	20.000	ng	# 0.00
86) Perylene-d12	24.836	264	156811	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.564	112	119373	150.396	ng	0.00
7) Phenol-d6	7.180	99	167936	154.410	ng	0.00
23) Nitrobenzene-d5	9.148	82	109907	87.438	ng	0.00
42) 2,4,6-Tribromophenol	16.117	330	156249	133.686	ng	0.00
45) 2-Fluorobiphenyl	13.238	172	351129	88.984	ng	0.00
79) Terphenyl-d14	19.971	244	676608	89.524	ng	0.00
Target Compounds						
						Qvalue
68) Hexachlorobenzene	16.681	284	5562	2.511	ng	# 88
75) Fluoranthene	19.419	202	32467	3.468	ng	96
78) Pyrene	19.783	202	37655	4.377	ng	98
83) Chrysene	21.675	228	26777	2.978	ng	# 96
88) Benzo(b)fluoranthene	23.825	252	40057	4.319	ng	97
90) Benzo(a)pyrene	24.683	252	28586	3.609	ng	99

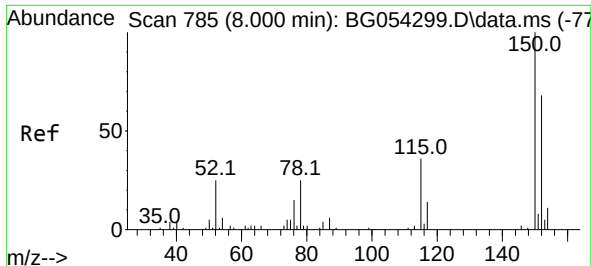
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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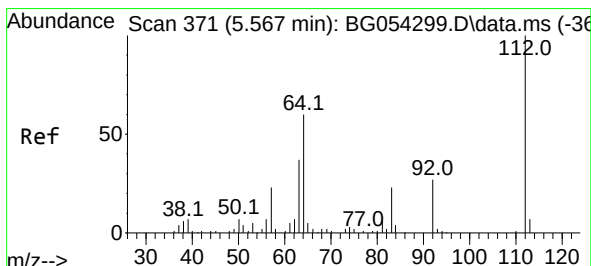
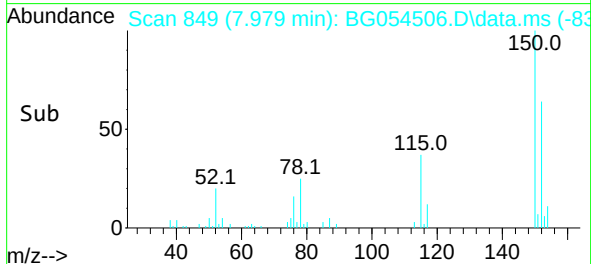
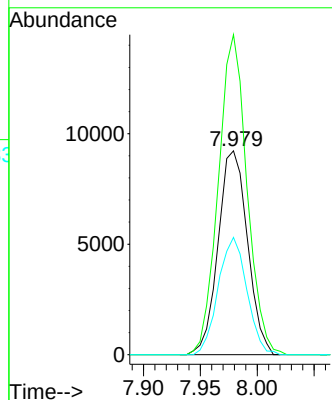
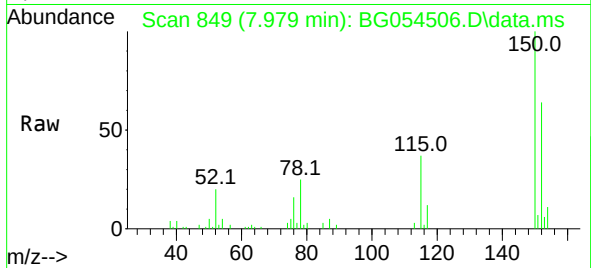




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.979 min Scan# 84
Delta R.T. -0.009 min
Lab File: BG054506.D
Acq: 3 Aug 2022 19:31

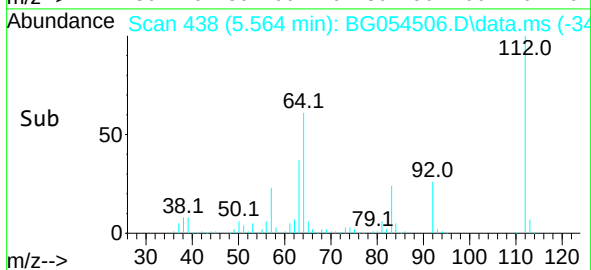
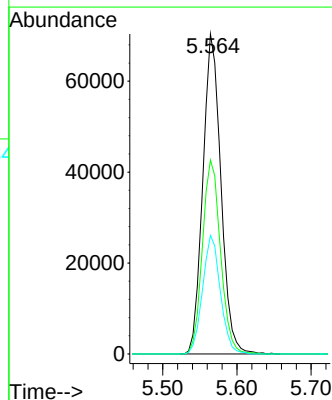
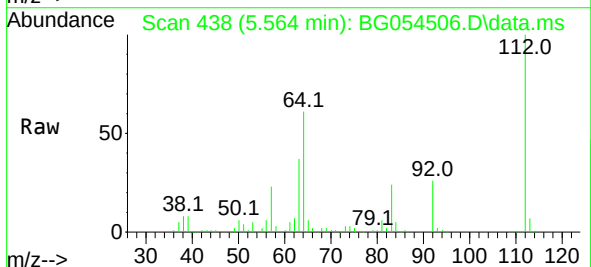
Instrument :
BNA_G
ClientSampleId :
RVE-146

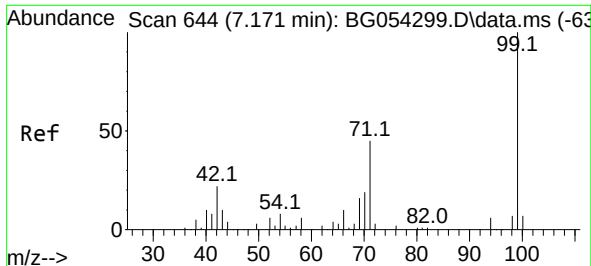
Tgt Ion:152 Resp: 16572
Ion Ratio Lower Upper
152 100
150 157.0 131.6 197.4
115 57.6 50.9 76.3



#5
2-Fluorophenol
Concen: 150.396 ng
RT: 5.564 min Scan# 438
Delta R.T. 0.002 min
Lab File: BG054506.D
Acq: 3 Aug 2022 19:31

Tgt Ion:112 Resp: 119373
Ion Ratio Lower Upper
112 100
64 60.6 55.1 82.7
63 37.0 30.4 45.6

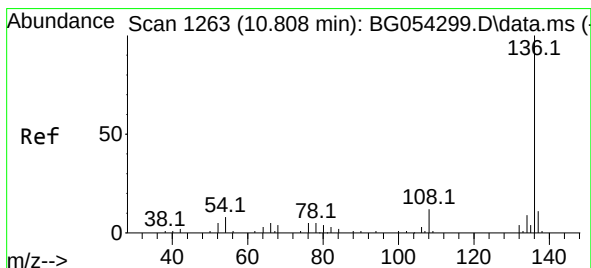
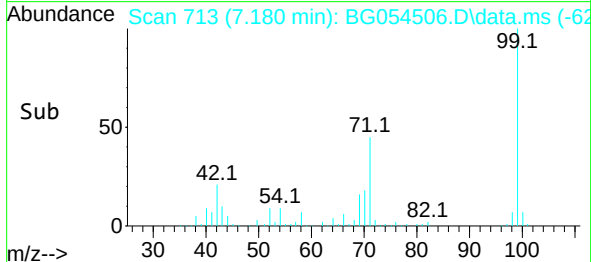
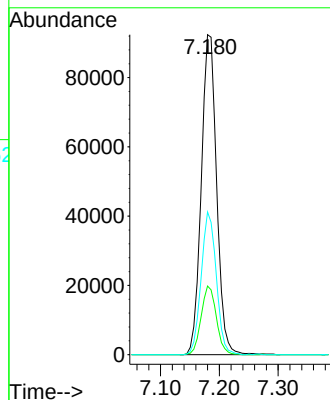
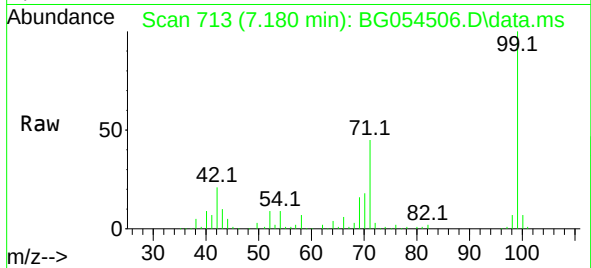




#7
Phenol-d6
Concen: 154.410 ng
RT: 7.180 min Scan# 71
Delta R.T. 0.008 min
Lab File: BG054506.D
Acq: 3 Aug 2022 19:31

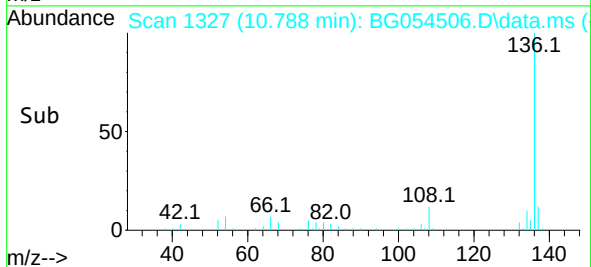
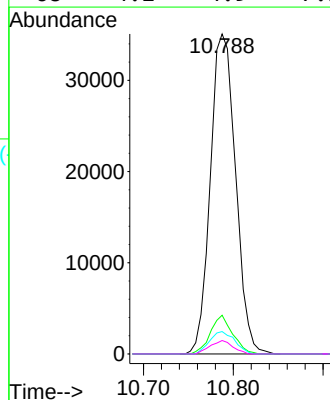
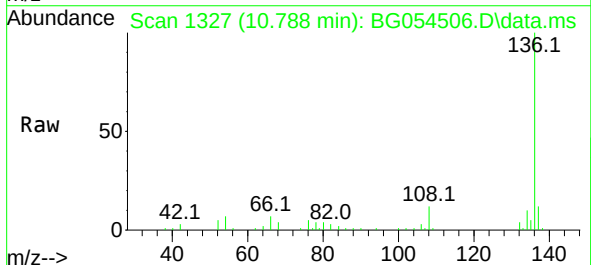
Instrument :
BNA_G
ClientSampleId :
RVE-146

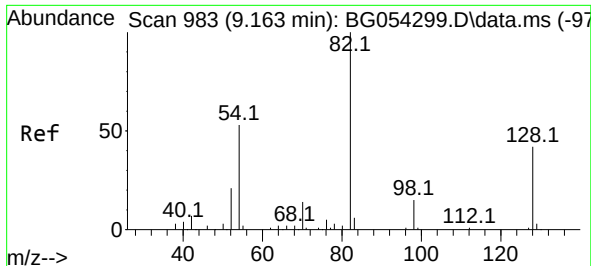
Tgt Ion: 99 Resp: 167936
Ion Ratio Lower Upper
99 100
42 21.4 17.0 25.6
71 44.6 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.788 min Scan# 1327
Delta R.T. -0.009 min
Lab File: BG054506.D
Acq: 3 Aug 2022 19:31

Tgt Ion: 136 Resp: 68451
Ion Ratio Lower Upper
136 100
137 12.1 8.5 12.7
54 7.0 7.4 11.2#
68 4.2 4.9 7.3#

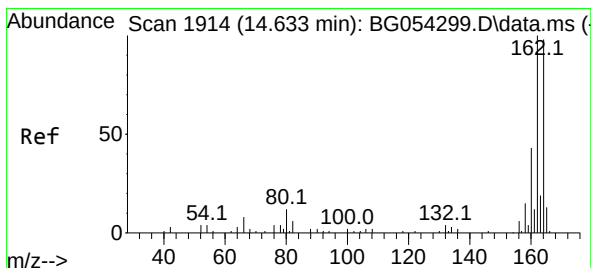
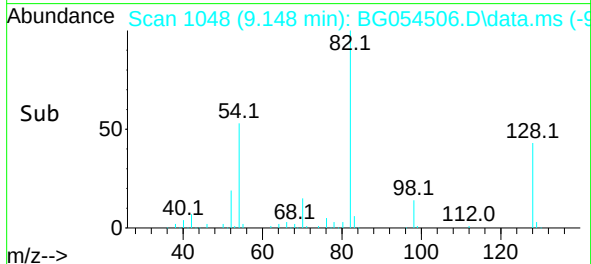
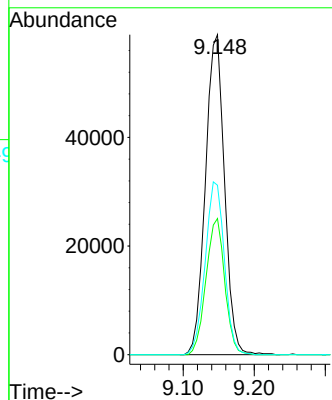
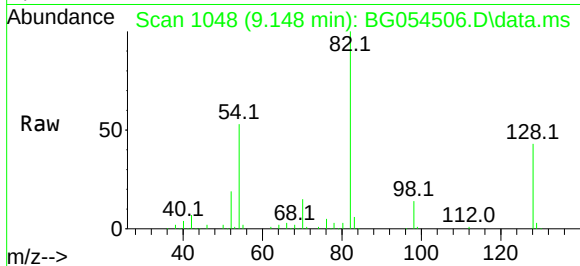




#23
Nitrobenzene-d5
Concen: 87.438 ng
RT: 9.148 min Scan# 1048
Delta R.T. -0.003 min
Lab File: BG054506.D
Acq: 3 Aug 2022 19:31

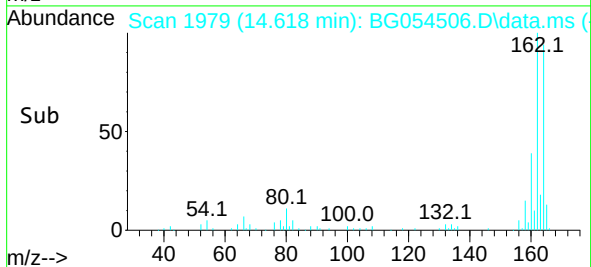
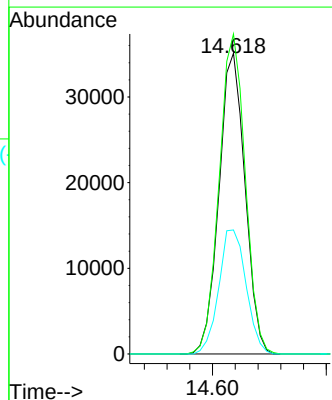
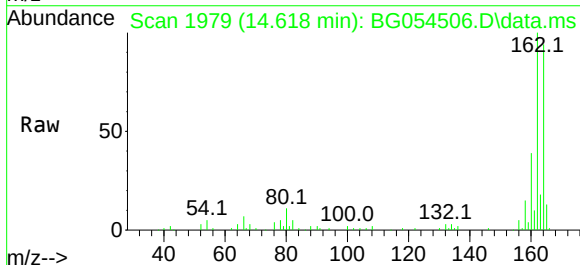
Instrument :
BNA_G
ClientSampleId :
RVE-146

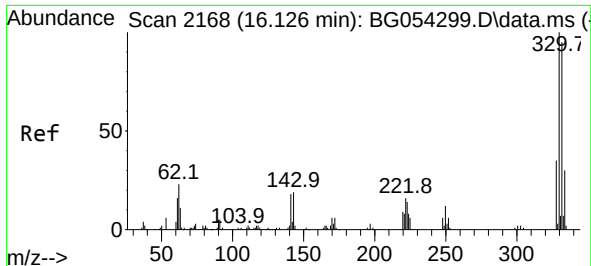
Tgt Ion: 82 Resp: 109907
Ion Ratio Lower Upper
82 100
128 42.5 27.9 41.9#
54 52.9 41.2 61.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.618 min Scan# 1979
Delta R.T. -0.003 min
Lab File: BG054506.D
Acq: 3 Aug 2022 19:31

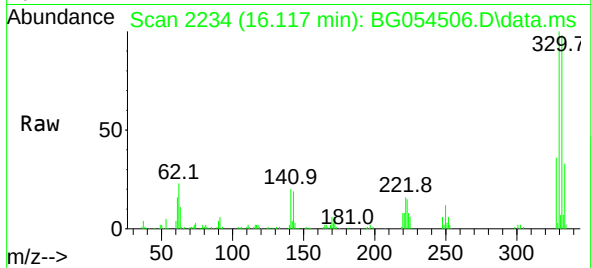
Tgt Ion:164 Resp: 55666
Ion Ratio Lower Upper
164 100
162 106.4 82.3 123.5
160 41.2 34.2 51.2



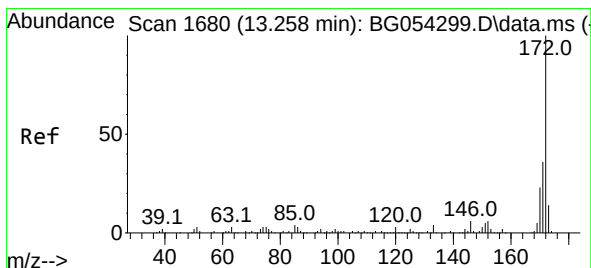
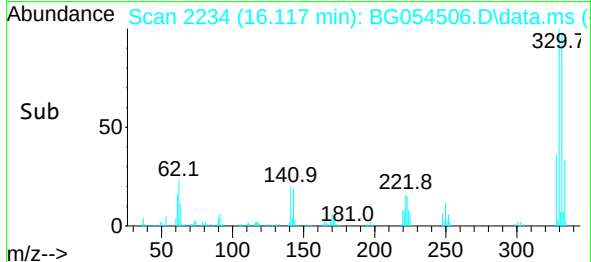
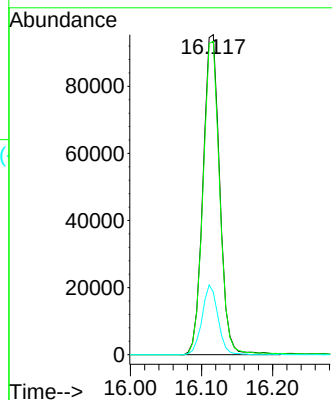


#42
2,4,6-Tribromophenol
Concen: 133.686 ng
RT: 16.117 min Scan# 2168
Delta R.T. 0.002 min
Lab File: BG054506.D
Acq: 3 Aug 2022 19:31

Instrument :
BNA_G
ClientSampleId :
RVE-146

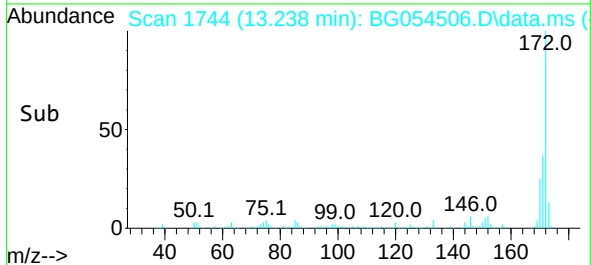
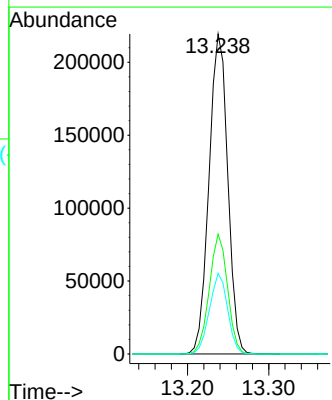
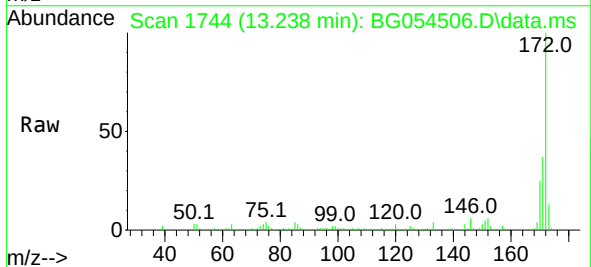


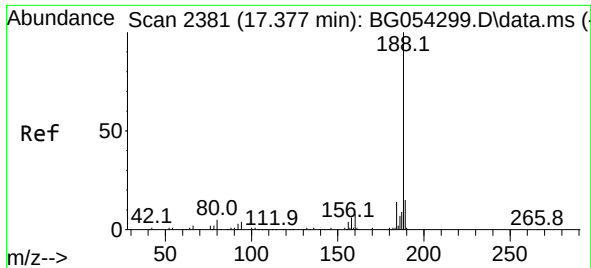
Tgt Ion:330 Resp: 156249
Ion Ratio Lower Upper
330 100
332 97.6 76.0 114.0
141 20.8 27.1 40.7#



#45
2-Fluorobiphenyl
Concen: 88.984 ng
RT: 13.238 min Scan# 1744
Delta R.T. -0.009 min
Lab File: BG054506.D
Acq: 3 Aug 2022 19:31

Tgt Ion:172 Resp: 351129
Ion Ratio Lower Upper
172 100
171 37.5 28.5 42.7
170 25.2 18.9 28.3

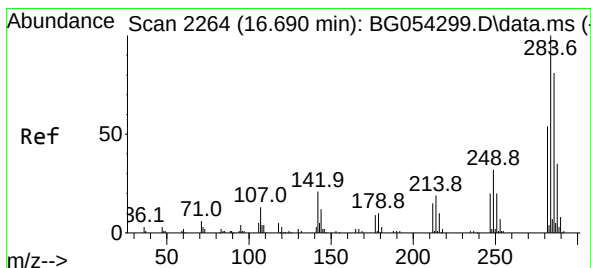
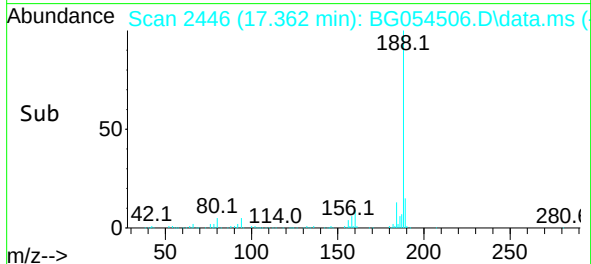
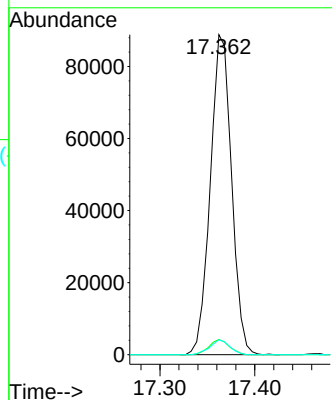
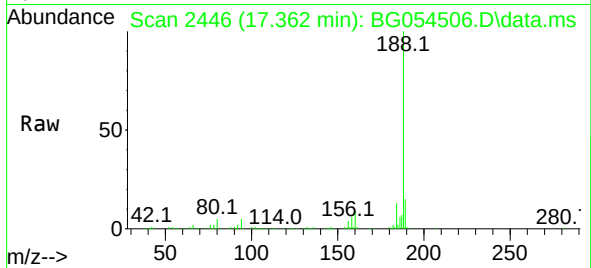




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.362 min Scan# 2446
Delta R.T. -0.009 min
Lab File: BG054506.D
Acq: 3 Aug 2022 19:31

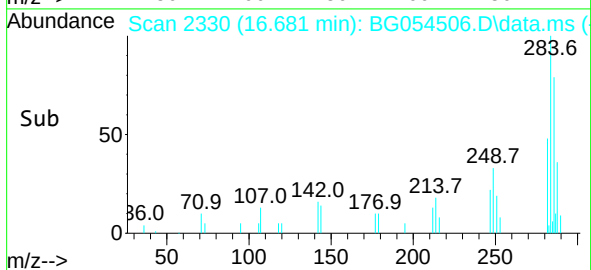
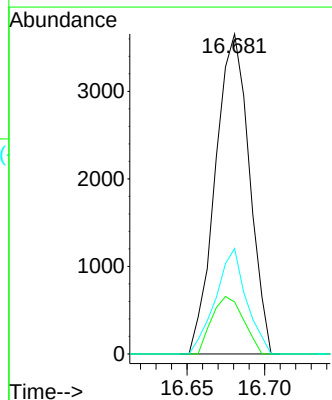
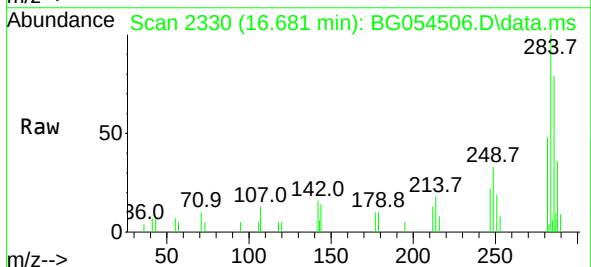
Instrument :
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ClientSampleId :
RVE-146

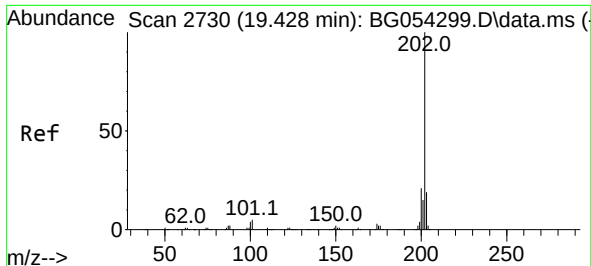
Tgt Ion:188 Resp: 137908
Ion Ratio Lower Upper
188 100
94 4.7 5.4 8.0#
80 4.6 6.8 10.2#



#68
Hexachlorobenzene
Concen: 2.511 ng
RT: 16.681 min Scan# 2330
Delta R.T. -0.003 min
Lab File: BG054506.D
Acq: 3 Aug 2022 19:31

Tgt Ion:284 Resp: 5562
Ion Ratio Lower Upper
284 100
142 16.2 23.6 35.4#
249 32.9 25.8 38.6

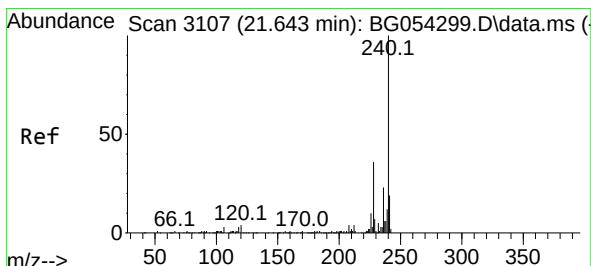
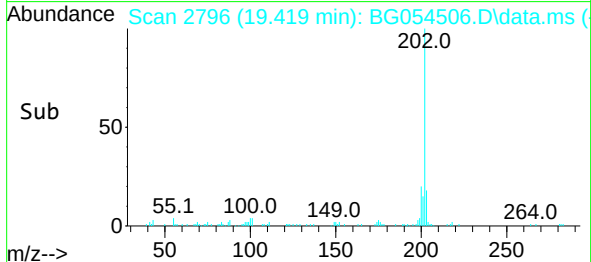
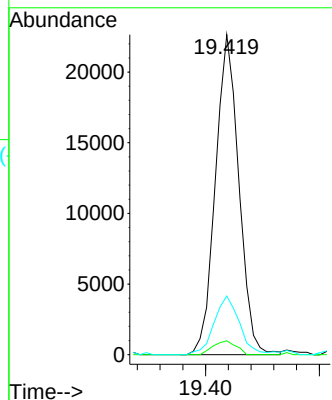
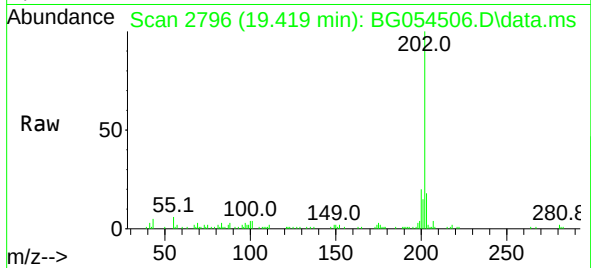




#75
Fluoranthene
Concen: 3.468 ng
RT: 19.419 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG054506.D
Acq: 3 Aug 2022 19:31

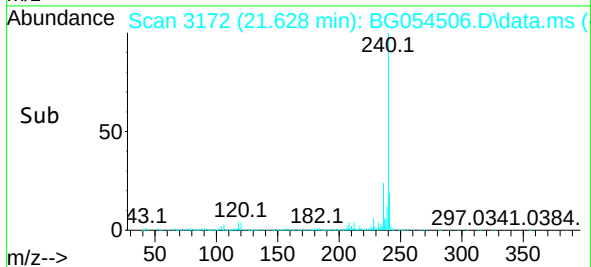
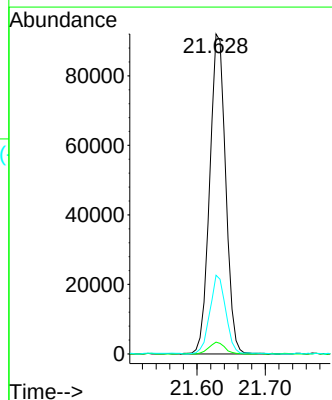
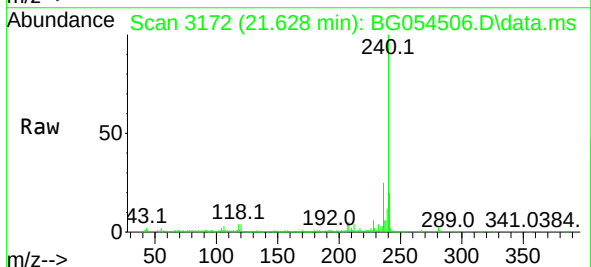
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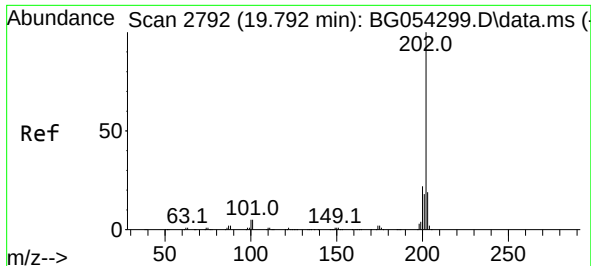
Tgt Ion:202 Resp: 32467
Ion Ratio Lower Upper
202 100
101 4.3 0.0 26.9
203 18.3 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.628 min Scan# 3172
Delta R.T. -0.009 min
Lab File: BG054506.D
Acq: 3 Aug 2022 19:31

Tgt Ion:240 Resp: 149932
Ion Ratio Lower Upper
240 100
120 3.7 4.6 7.0#
236 24.6 20.2 30.4

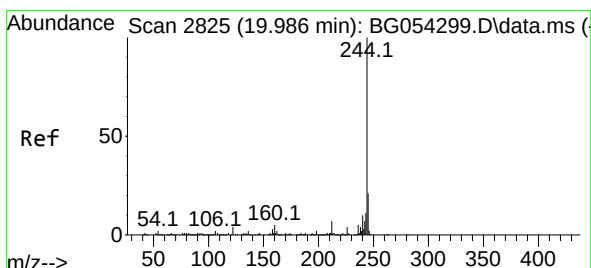
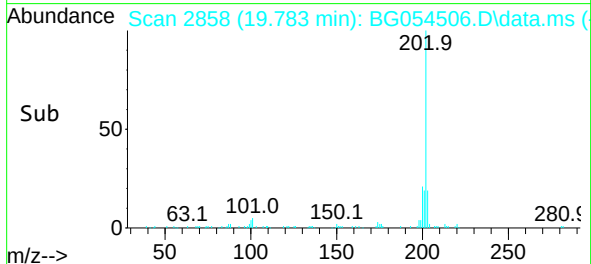
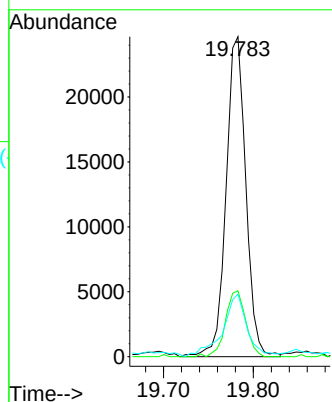
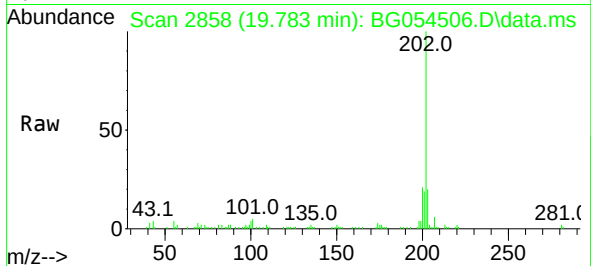




#78
 Pyrene
 Concen: 4.377 ng
 RT: 19.783 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG054506.D
 Acq: 3 Aug 2022 19:31

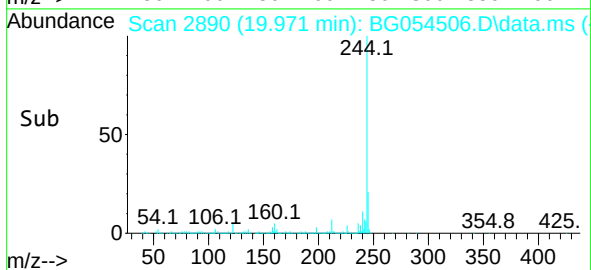
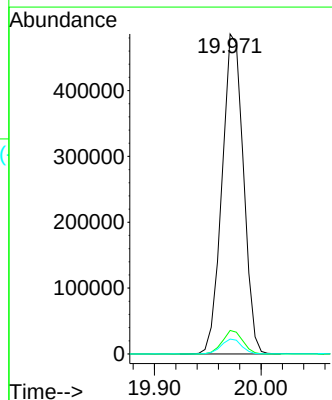
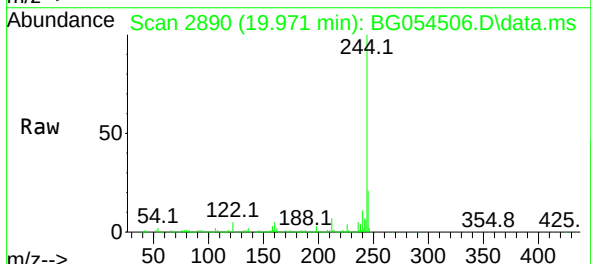
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 RVE-146

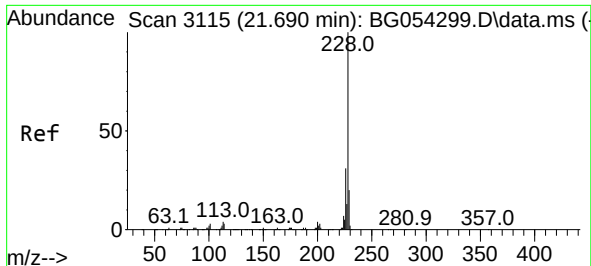
Tgt Ion:	202	Resp:	37655
Ion Ratio	Lower	Upper	
202	100		
200	20.6	16.6	24.8
203	19.5	14.6	21.8



#79
 Terphenyl-d14
 Concen: 89.524 ng
 RT: 19.971 min Scan# 2890
 Delta R.T. -0.009 min
 Lab File: BG054506.D
 Acq: 3 Aug 2022 19:31

Tgt Ion:	244	Resp:	676608
Ion Ratio	Lower	Upper	
244	100		
212	7.4	6.5	9.7
122	4.7	5.0	7.4

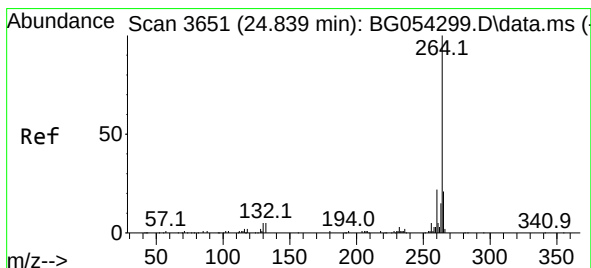
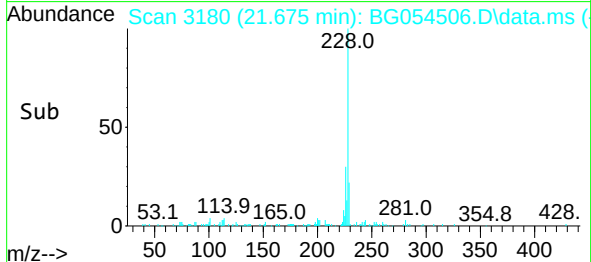
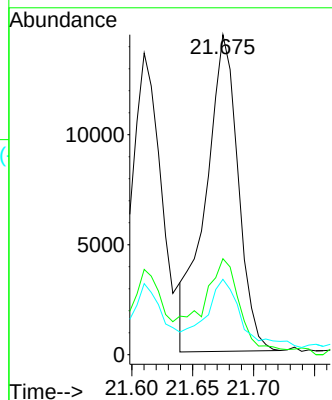
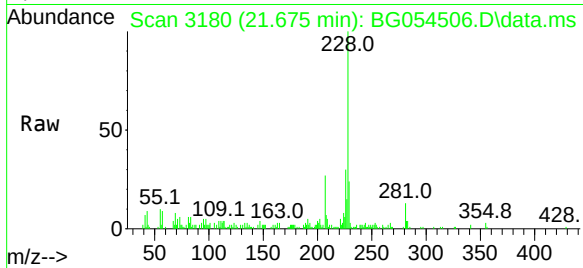




#83
Chrysene
Concen: 2.978 ng
RT: 21.675 min Scan# 3115
Delta R.T. -0.009 min
Lab File: BG054506.D
Acq: 3 Aug 2022 19:31

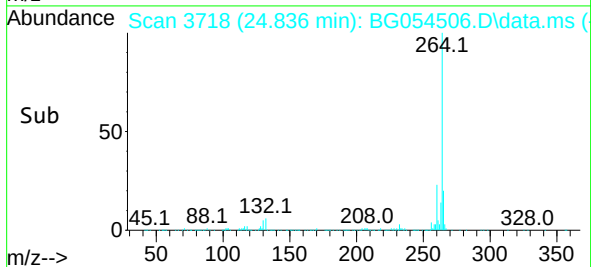
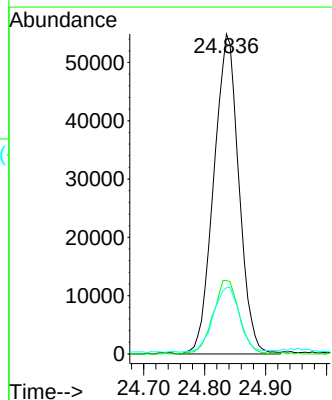
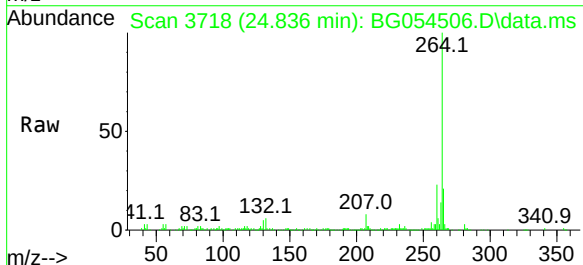
Instrument :
BNA_G
ClientSampleId :
RVE-146

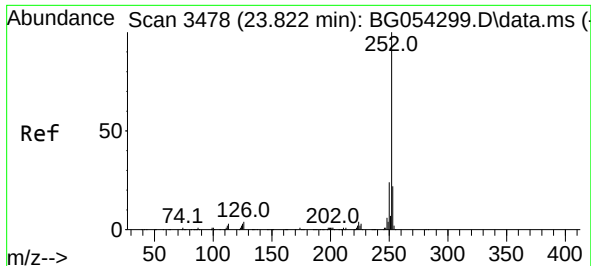
Tgt Ion:228 Resp: 26777
Ion Ratio Lower Upper
228 100
226 30.0 23.4 35.2
229 23.5 15.5 23.3#



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.836 min Scan# 3718
Delta R.T. 0.002 min
Lab File: BG054506.D
Acq: 3 Aug 2022 19:31

Tgt Ion:264 Resp: 156811
Ion Ratio Lower Upper
264 100
260 23.0 19.0 28.6
265 20.7 17.4 26.2

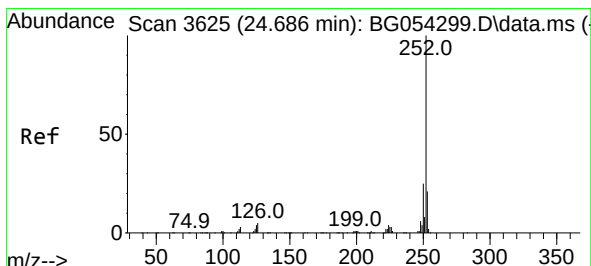
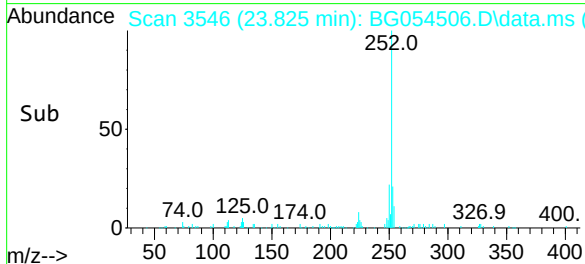
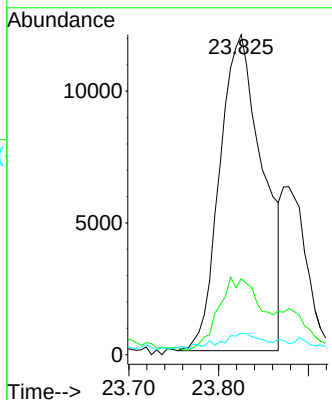
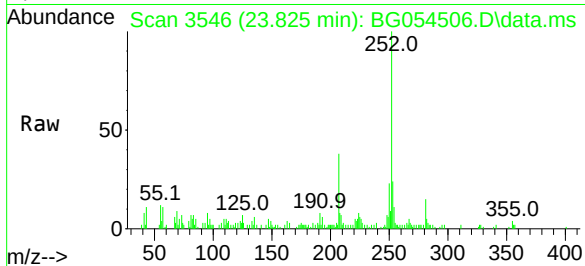




#88
Benzo(b)fluoranthene
Concen: 4.319 ng
RT: 23.825 min Scan# 31
Delta R.T. 0.002 min
Lab File: BG054506.D
Acq: 3 Aug 2022 19:31

Instrument :
BNA_G
ClientSampleId :
RVE-146

Tgt Ion:252 Resp: 40057
Ion Ratio Lower Upper
252 100
253 23.7 18.0 27.0
125 6.7 4.6 6.8



#90
Benzo(a)pyrene
Concen: 3.609 ng
RT: 24.683 min Scan# 3692
Delta R.T. -0.003 min
Lab File: BG054506.D
Acq: 3 Aug 2022 19:31

Tgt Ion:252 Resp: 28586
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.8
125 5.6 4.3 6.5

