

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011723\
 Data File : BG056316.D
 Acq On : 17 Jan 2023 16:43
 Operator : CG/JU
 Sample : 01141-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WEST-WALL

Quant Time: Jan 18 02:40:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 12 03:38:40 2023
 Response via : Initial Calibration

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

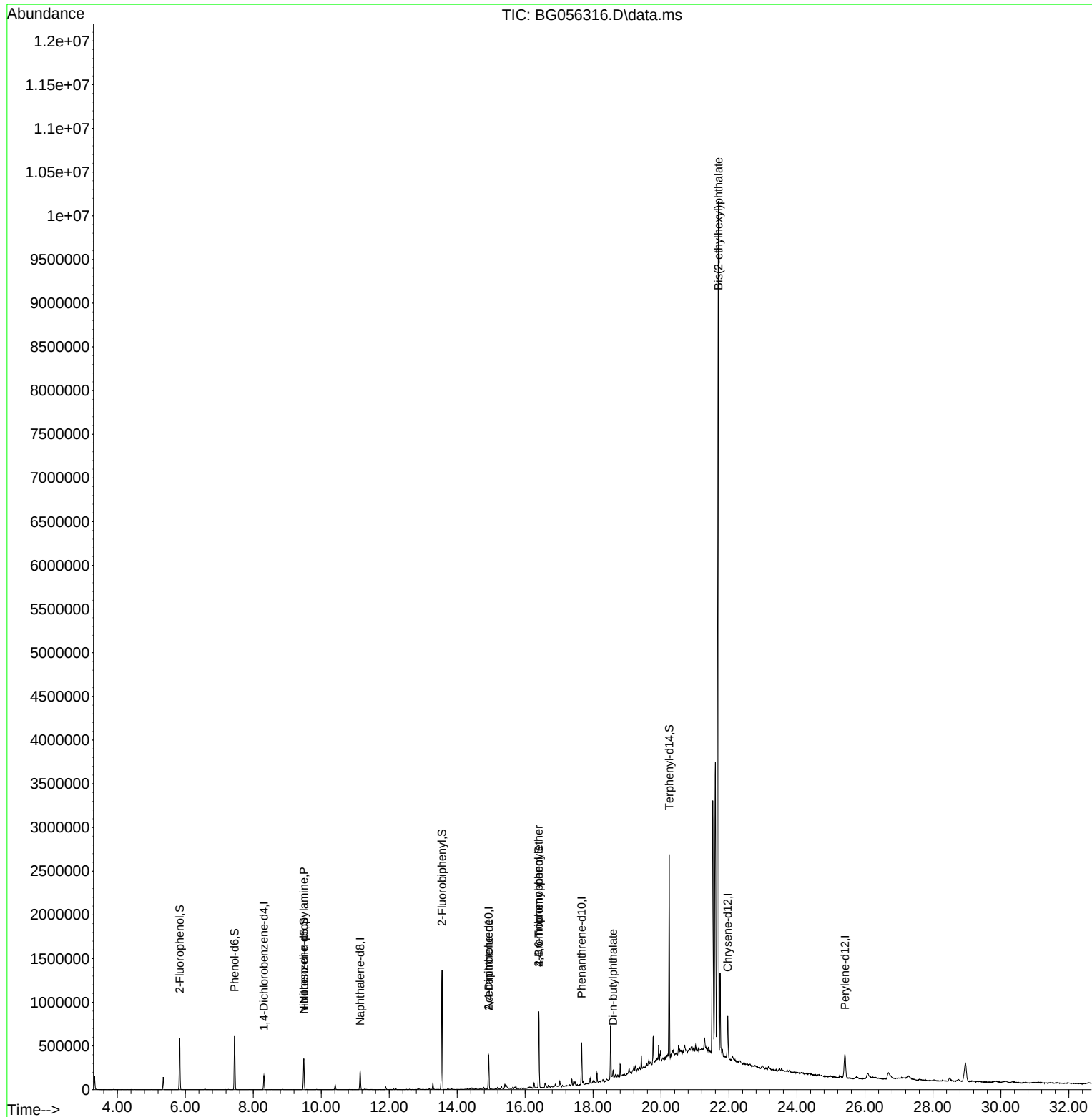
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.314	152	51797	20.000	ng	0.00
21) Naphthalene-d8	11.146	136	199148	20.000	ng	0.00
39) Acenaphthene-d10	14.924	164	149209	20.000	ng	0.00
64) Phenanthrene-d10	17.662	188	338694	20.000	ng	0.00
76) Chrysene-d12	21.963	240	324595	20.000	ng	# 0.00
86) Perylene-d12	25.412	264	350940	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.835	112	329607	113.619	ng	0.00
7) Phenol-d6	7.451	99	469855	105.465	ng	0.00
23) Nitrobenzene-d5	9.489	82	250768	64.410	ng	0.00
42) 2,4,6-Tribromophenol	16.405	330	176678	93.495	ng	0.00
45) 2-Fluorobiphenyl	13.555	172	761273	70.454	ng	0.00
79) Terphenyl-d14	20.241	244	1236779	68.243	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.489	70	30977	11.434	ng	# 74
57) 2,4-Dinitrotoluene	14.924	165	20578	5.733	ng	# 29
67) 4-Bromophenyl-phenylether	16.405	248	14691	3.406	ng	# 1
74) Di-n-butylphthalate	18.590	149	69613	4.588	ng	97
84) Bis(2-ethylhexyl)phtha...	21.687	149	5726546	605.570	ng	# 52

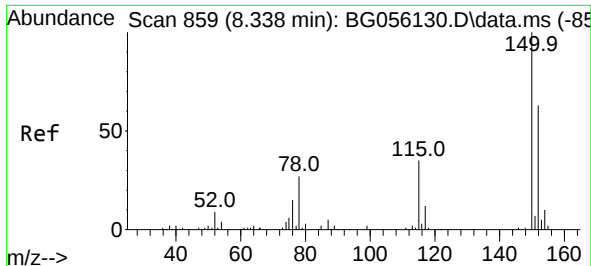
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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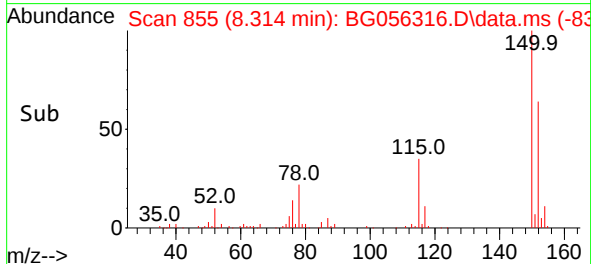
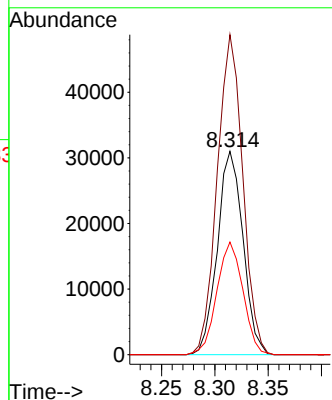
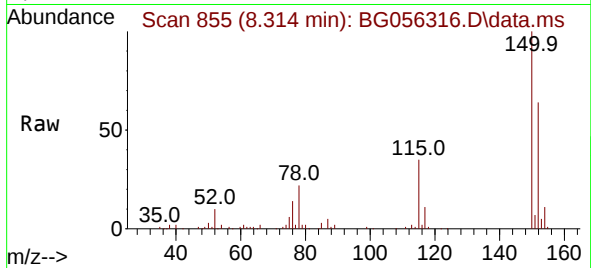




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.314 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG056316.D
Acq: 17 Jan 2023 16:43

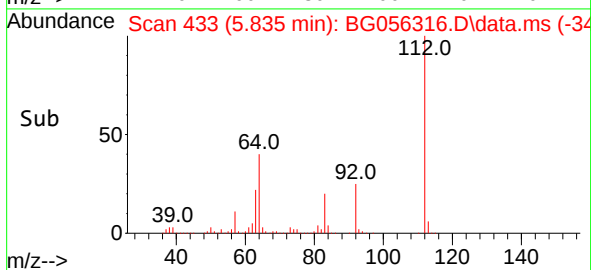
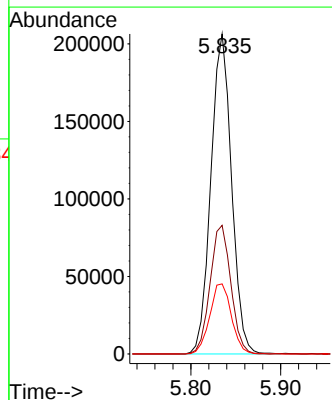
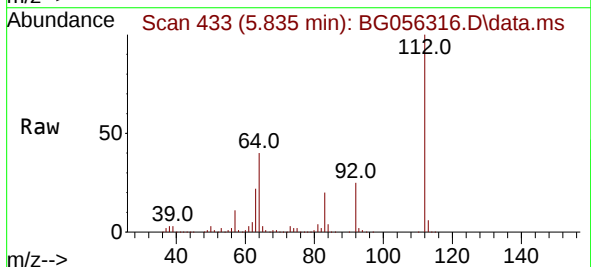
Instrument :
BNA_G
ClientSampleId :
WEST-WALL

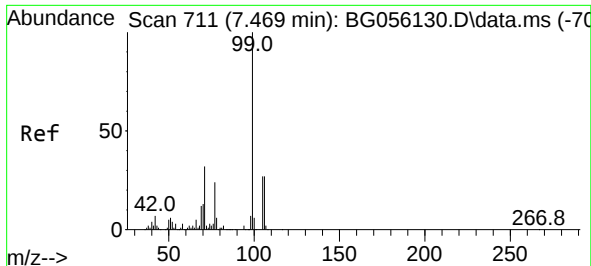
Tgt Ion:152 Resp: 51797
Ion Ratio Lower Upper
152 100
150 157.4 127.9 191.9
115 55.4 44.2 66.2



#5
2-Fluorophenol
Concen: 113.619 ng
RT: 5.835 min Scan# 433
Delta R.T. 0.009 min
Lab File: BG056316.D
Acq: 17 Jan 2023 16:43

Tgt Ion:112 Resp: 329607
Ion Ratio Lower Upper
112 100
64 40.2 33.3 49.9
63 21.9 19.0 28.4

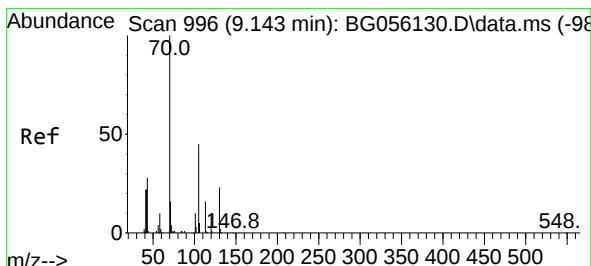
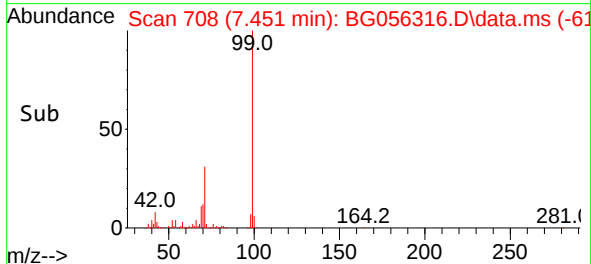
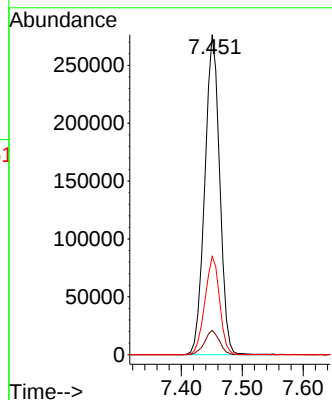
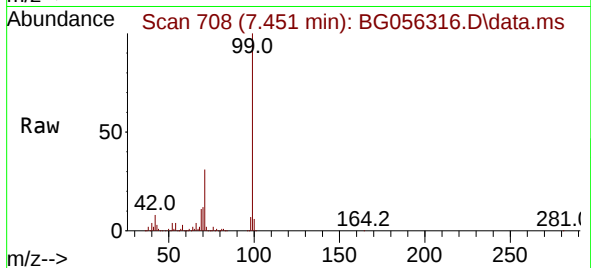




#7
Phenol-d6
Concen: 105.465 ng
RT: 7.451 min Scan# 70
Delta R.T. 0.003 min
Lab File: BG056316.D
Acq: 17 Jan 2023 16:43

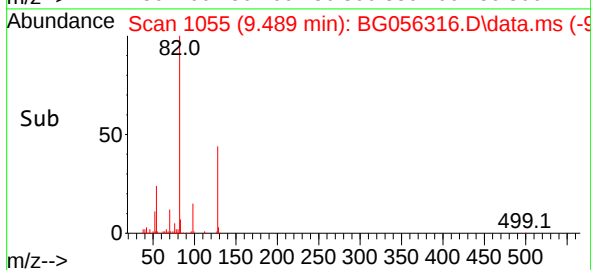
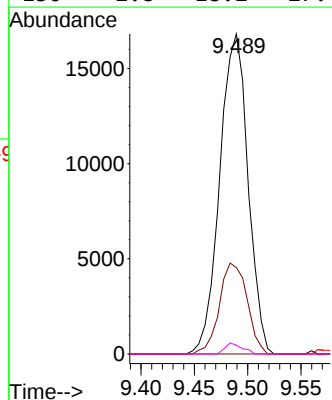
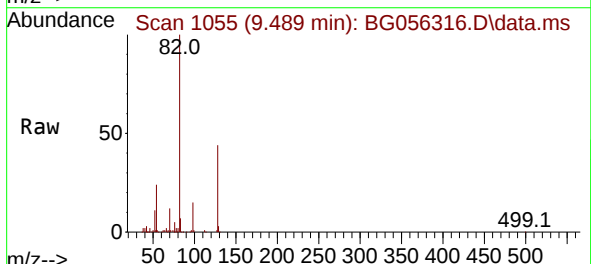
Instrument :
BNA_G
ClientSampleId :
WEST-WALL

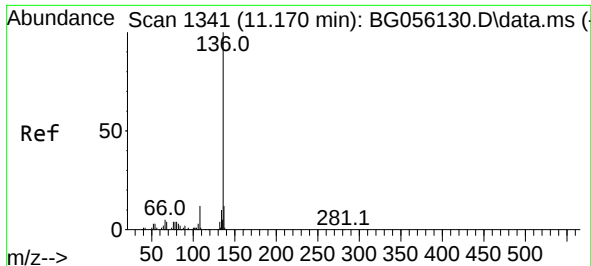
Tgt Ion: 99 Resp: 469855
Ion Ratio Lower Upper
99 100
42 7.6 5.9 8.9
71 30.7 25.4 38.2



#19
n-Nitroso-di-n-propylamine
Concen: 11.434 ng
RT: 9.489 min Scan# 1055
Delta R.T. 0.374 min
Lab File: BG056316.D
Acq: 17 Jan 2023 16:43

Tgt Ion: 70 Resp: 30977
Ion Ratio Lower Upper
70 100
42 27.0 18.2 27.2
101 0.0 8.3 12.5#
130 2.8 18.2 27.4#

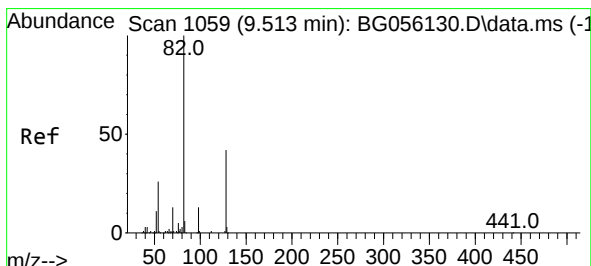
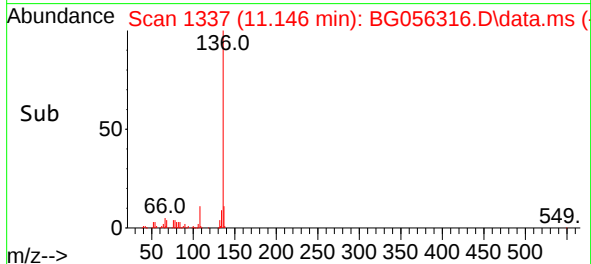
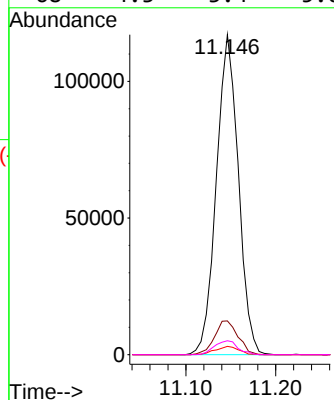
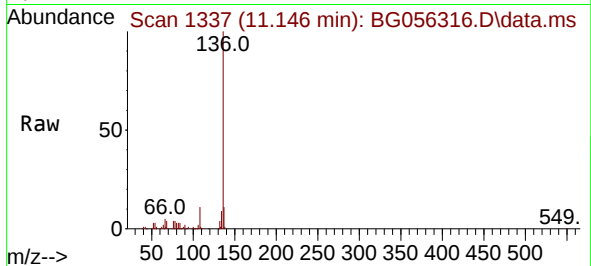




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.146 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG056316.D
Acq: 17 Jan 2023 16:43

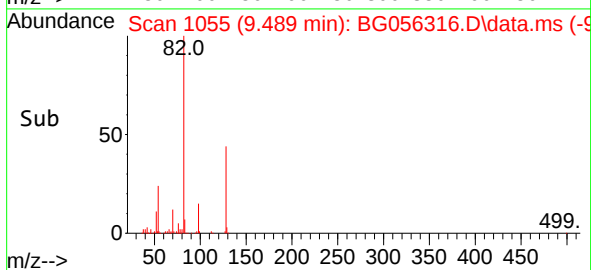
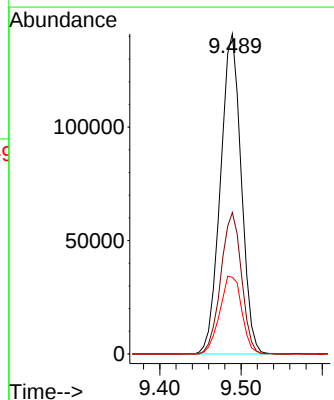
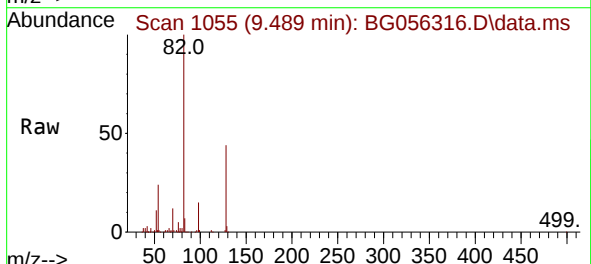
Instrument :
BNA_G
ClientSampleId :
WEST-WALL

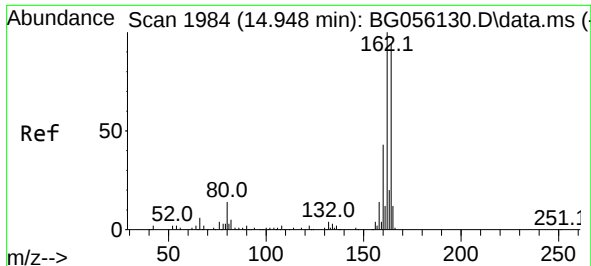
Tgt Ion:	136	Resp:	199148
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.4	14.0
54	2.6	2.2	3.2
68	4.3	3.4	5.0



#23
Nitrobenzene-d5
Concen: 64.410 ng
RT: 9.489 min Scan# 1055
Delta R.T. -0.002 min
Lab File: BG056316.D
Acq: 17 Jan 2023 16:43

Tgt Ion:	82	Resp:	250768
Ion	Ratio	Lower	Upper
82	100		
128	44.2	33.4	50.2
54	24.0	20.3	30.5

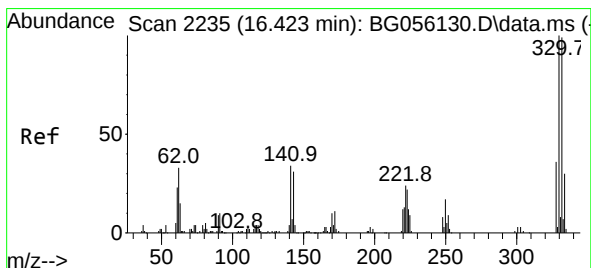
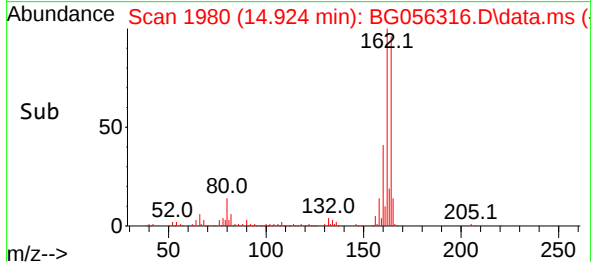
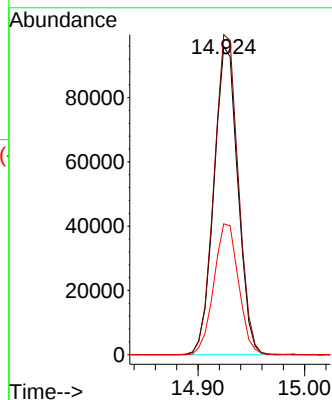
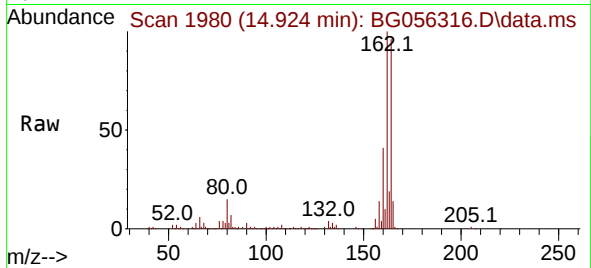




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.924 min Scan# 1984
Delta R.T. -0.002 min
Lab File: BG056316.D
Acq: 17 Jan 2023 16:43

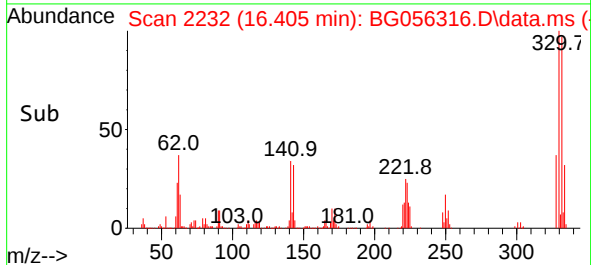
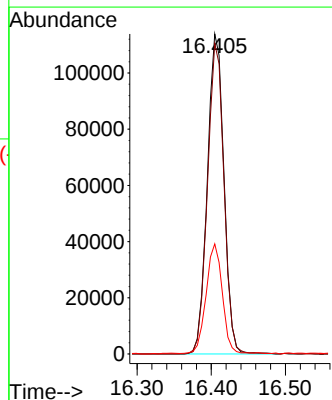
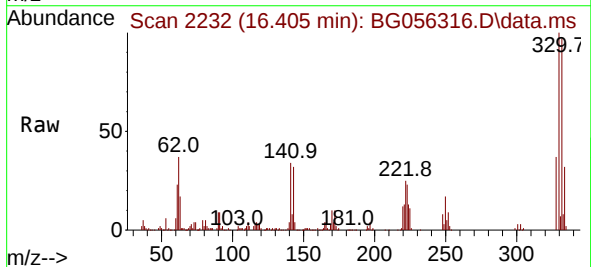
Instrument :
BNA_G
ClientSampleId :
WEST-WALL

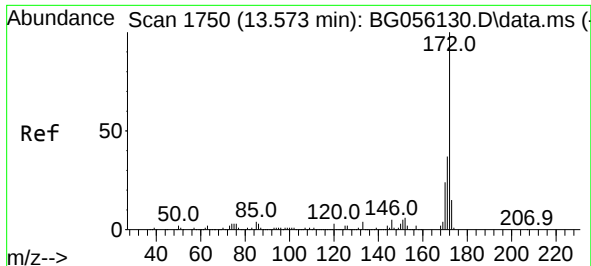
Tgt Ion:164 Resp: 149209
Ion Ratio Lower Upper
164 100
162 103.9 84.7 127.1
160 42.5 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 93.495 ng
RT: 16.405 min Scan# 2232
Delta R.T. -0.003 min
Lab File: BG056316.D
Acq: 17 Jan 2023 16:43

Tgt Ion:330 Resp: 176678
Ion Ratio Lower Upper
330 100
332 96.2 77.3 115.9
141 33.5 27.9 41.9

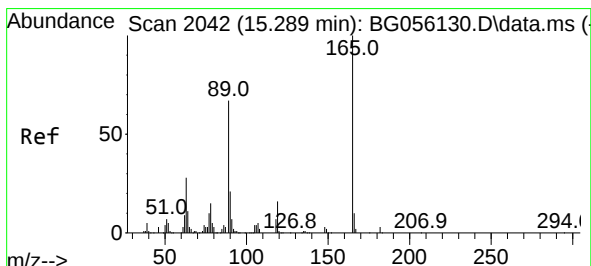
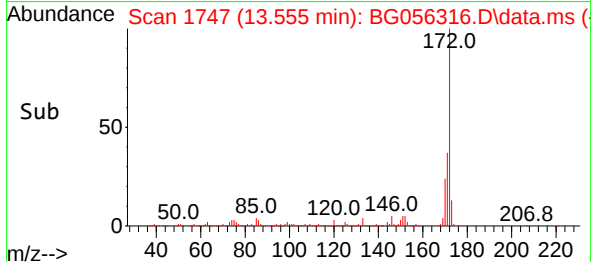
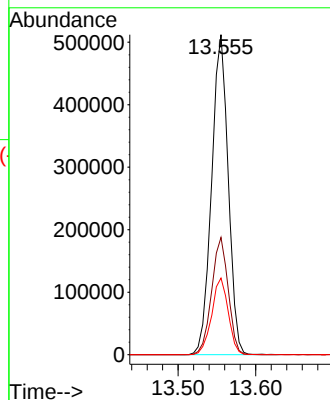
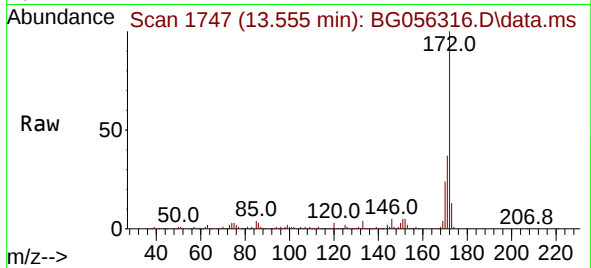




#45
2-Fluorobiphenyl
Concen: 70.454 ng
RT: 13.555 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG056316.D
Acq: 17 Jan 2023 16:43

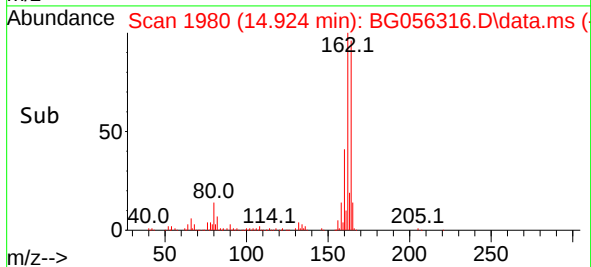
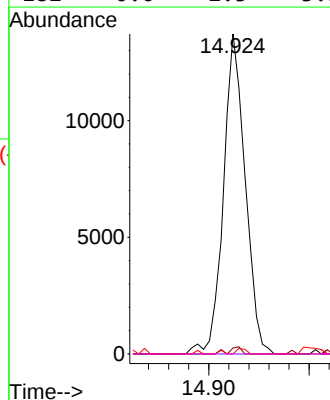
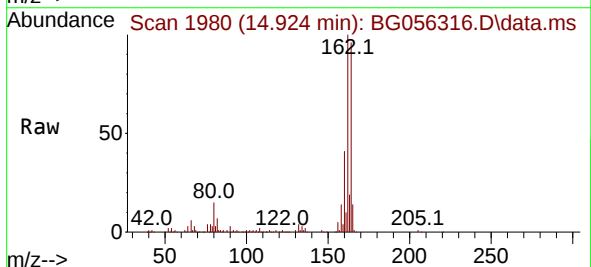
Instrument :
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ClientSampleId :
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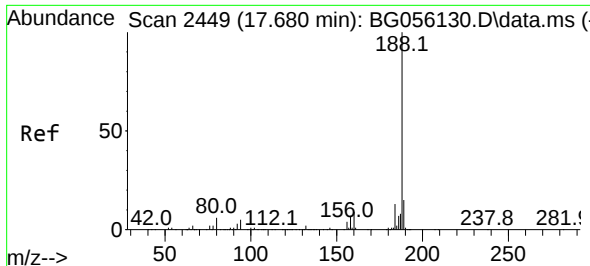
Tgt Ion:172 Resp: 761273
Ion Ratio Lower Upper
172 100
171 36.7 29.6 44.4
170 24.0 19.4 29.2



#57
2,4-Dinitrotoluene
Concen: 5.733 ng
RT: 14.924 min Scan# 1980
Delta R.T. -0.349 min
Lab File: BG056316.D
Acq: 17 Jan 2023 16:43

Tgt Ion:165 Resp: 20578
Ion Ratio Lower Upper
165 100
63 1.9 22.6 34.0#
89 0.0 53.2 79.8#
182 0.0 2.3 3.5#

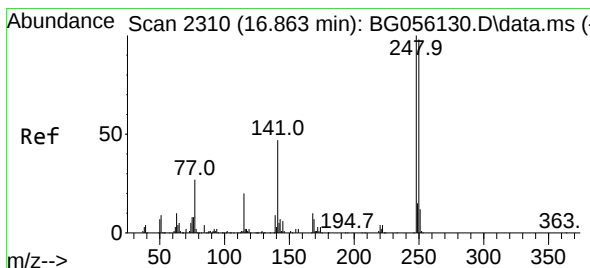
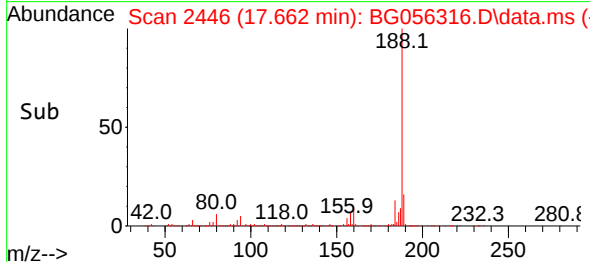
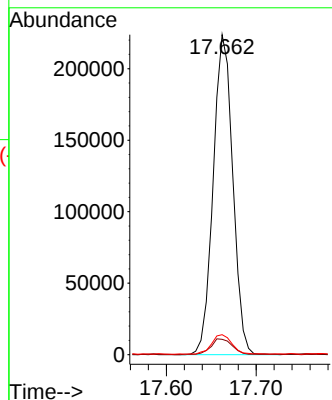
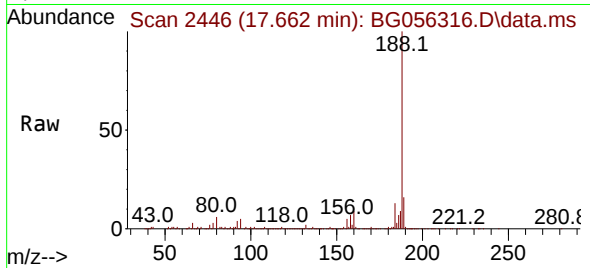




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.662 min Scan# 2449
Delta R.T. -0.003 min
Lab File: BG056316.D
Acq: 17 Jan 2023 16:43

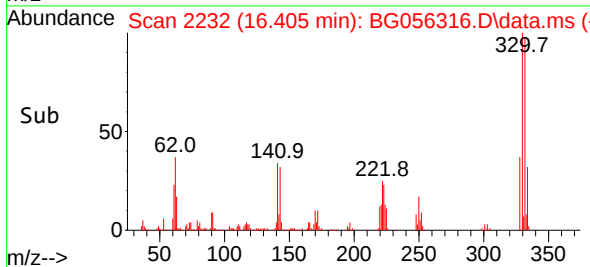
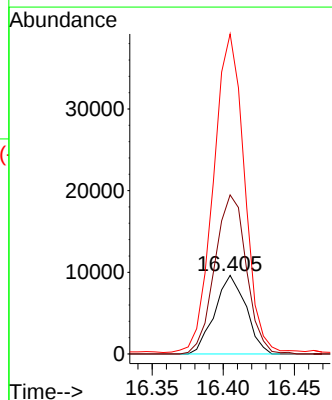
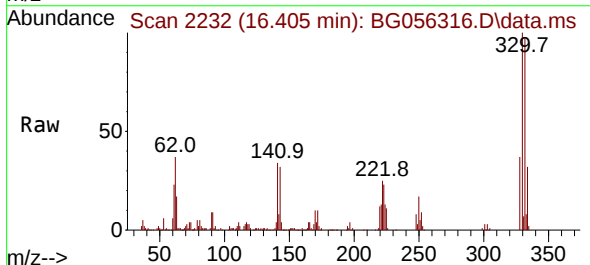
Instrument :
BNA_G
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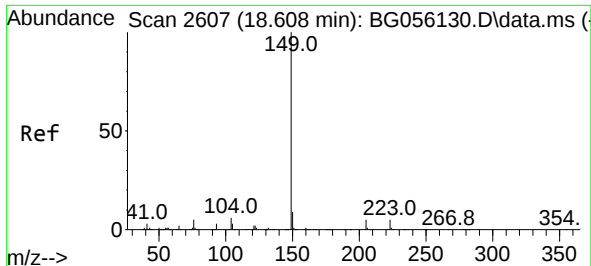
Tgt Ion:188 Resp: 338694
Ion Ratio Lower Upper
188 100
94 4.8 4.2 6.2
80 6.3 5.0 7.4



#67
4-Bromophenyl-phenylether
Concen: 3.406 ng
RT: 16.405 min Scan# 2232
Delta R.T. -0.443 min
Lab File: BG056316.D
Acq: 17 Jan 2023 16:43

Tgt Ion:248 Resp: 14691
Ion Ratio Lower Upper
248 100
250 152.3 78.2 117.4#
141 306.4 37.6 56.4#

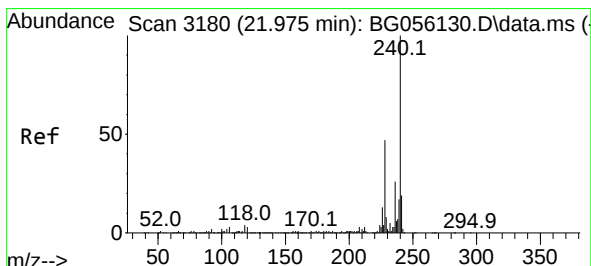
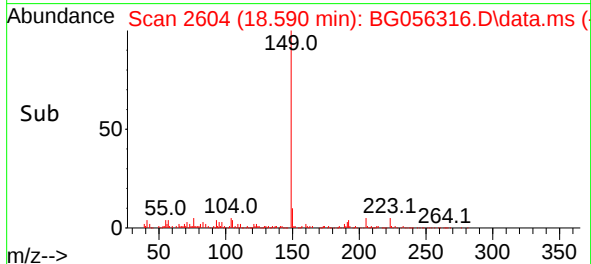
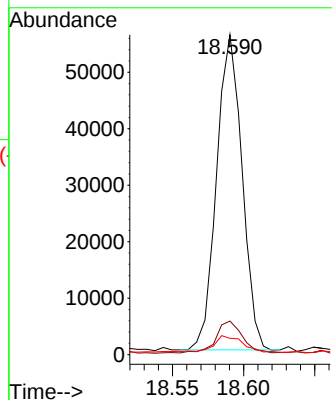
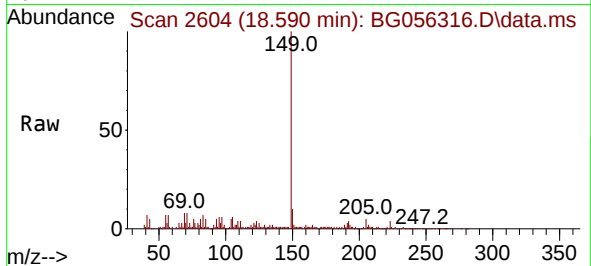




#74
Di-n-butylphthalate
Concen: 4.588 ng
RT: 18.590 min Scan# 20
Delta R.T. -0.003 min
Lab File: BG056316.D
Acq: 17 Jan 2023 16:43

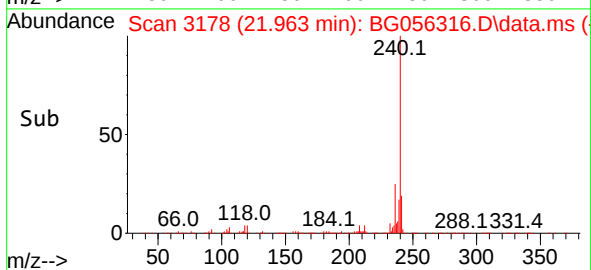
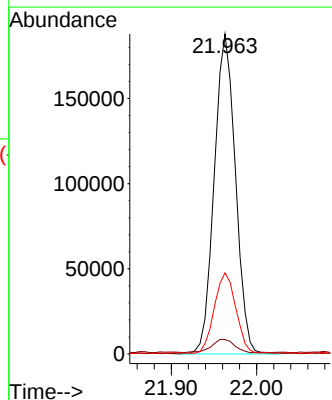
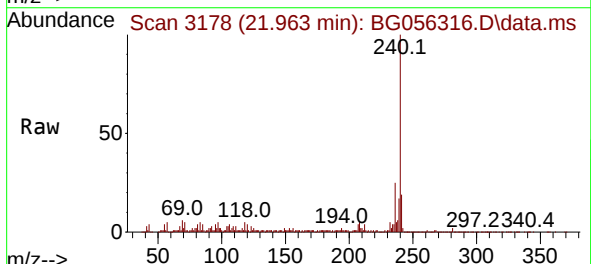
Instrument :
BNA_G
ClientSampleId :
WEST-WALL

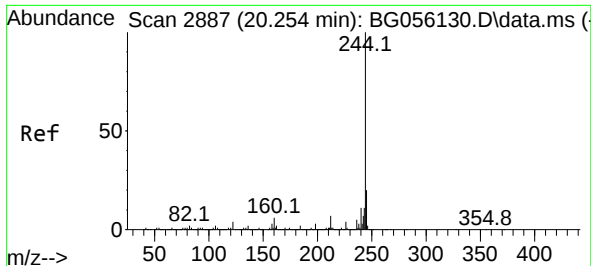
Tgt Ion:149 Resp: 69613
Ion Ratio Lower Upper
149 100
150 10.5 7.4 11.2
104 5.1 4.4 6.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.963 min Scan# 3178
Delta R.T. 0.003 min
Lab File: BG056316.D
Acq: 17 Jan 2023 16:43

Tgt Ion:240 Resp: 324595
Ion Ratio Lower Upper
240 100
120 4.5 2.6 4.0#
236 25.4 20.8 31.2

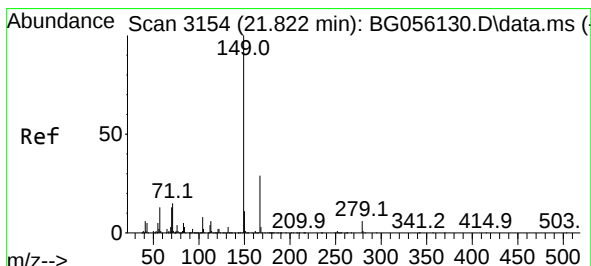
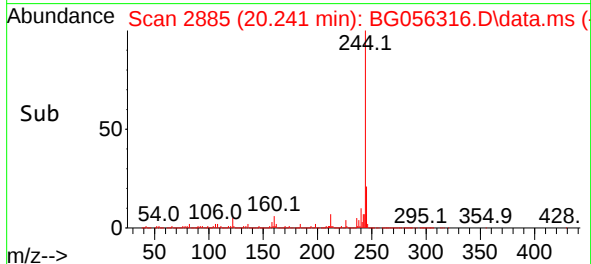
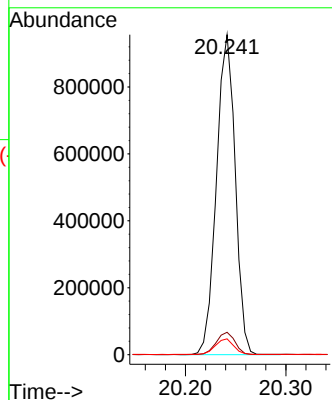
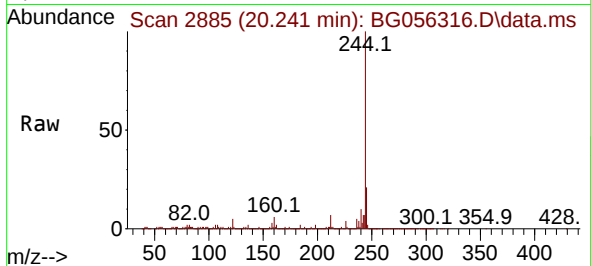




#79
 Terphenyl-d14
 Concen: 68.243 ng
 RT: 20.241 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BG056316.D
 Acq: 17 Jan 2023 16:43

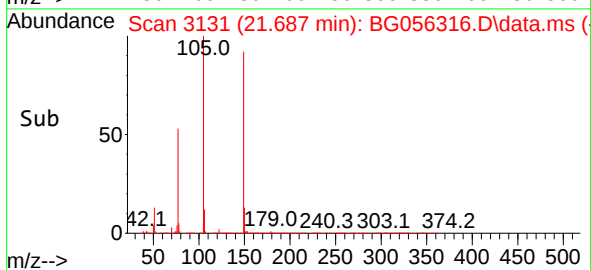
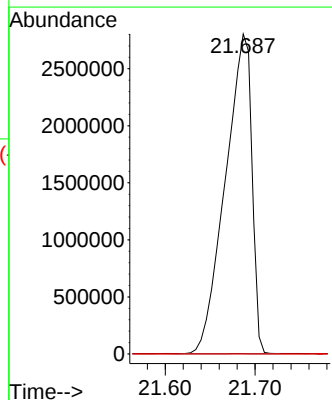
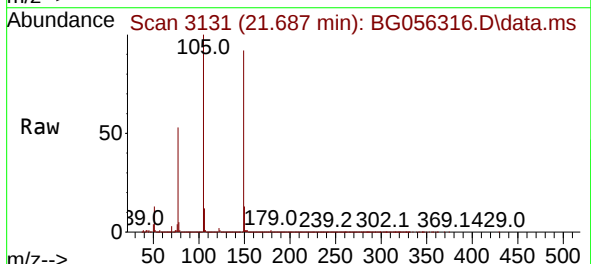
Instrument :
 BNA_G
 ClientSampleId :
 WEST-WALL

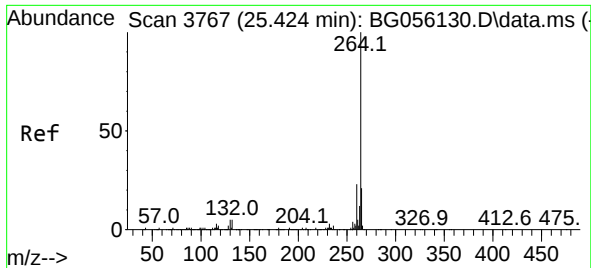
Tgt Ion:244 Resp: 1236779
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 4.9 3.5 5.3



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 605.570 ng
 RT: 21.687 min Scan# 3131
 Delta R.T. -0.120 min
 Lab File: BG056316.D
 Acq: 17 Jan 2023 16:43

Tgt Ion:149 Resp: 5726546
 Ion Ratio Lower Upper
 149 100
 167 0.1 23.4 35.2#
 279 0.0 4.7 7.1#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.412 min Scan# 31
 Delta R.T. 0.009 min
 Lab File: BG056316.D
 Acq: 17 Jan 2023 16:43

Instrument :
 BNA_G
 ClientSampleId :
 WEST-WALL

Tgt Ion:264 Resp: 350940
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.6 28.0
 265 22.0 16.7 25.1

