

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091323\
 Data File : BN027602.D
 Acq On : 12 Sep 2023 08:40
 Operator : MA/JU
 Sample : 04270-01
 Misc :
 ALS Vial : 103 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 OW-05B-71.7-083123

Quant Time: Sep 12 11:23:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 02:45:58 2023
 Response via : Initial Calibration

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

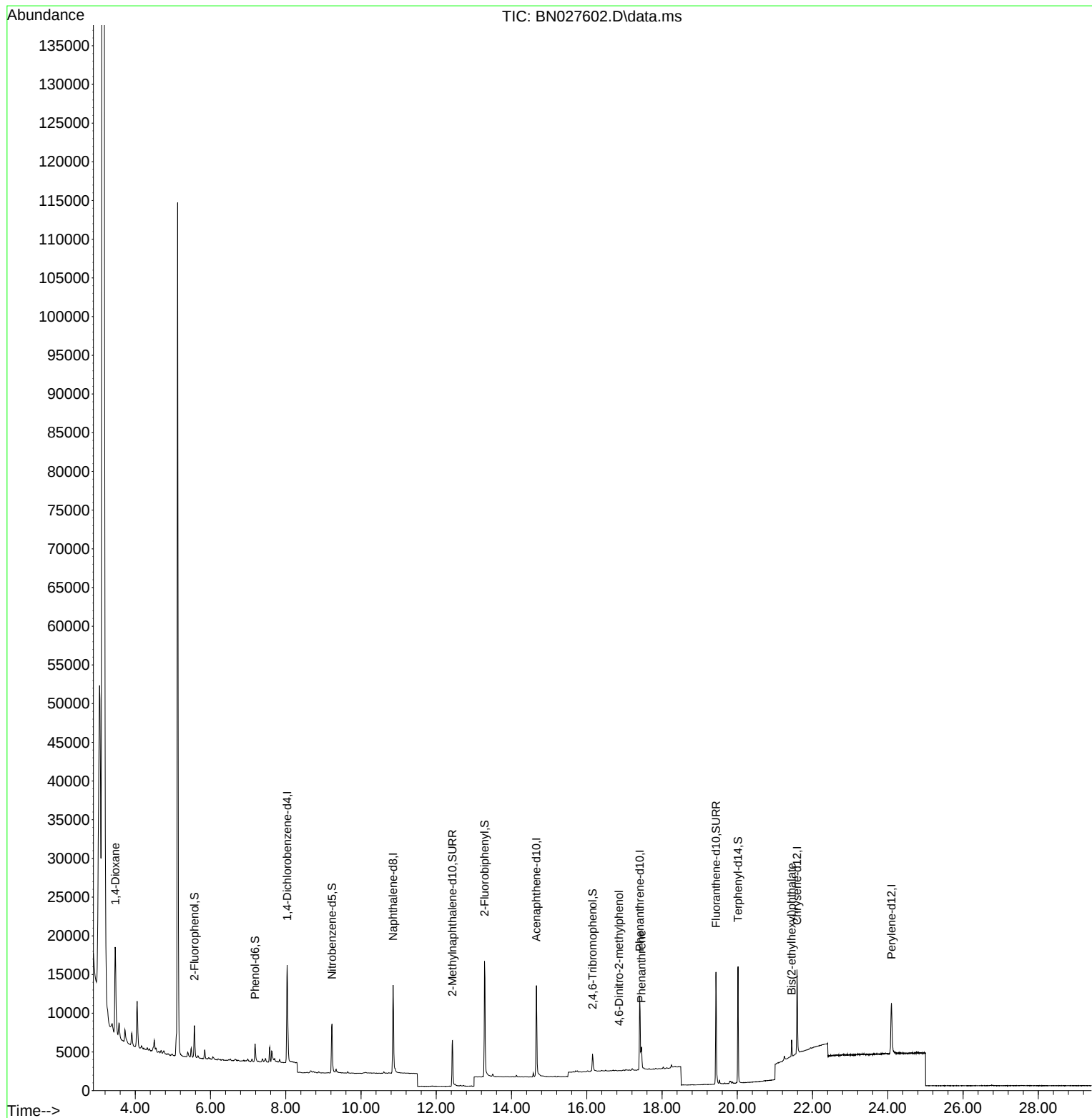
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.037	152	6238	0.400	ng	0.00
7) Naphthalene-d8	10.853	136	16432	0.400	ng	0.00
13) Acenaphthene-d10	14.662	164	7691	0.400	ng	0.00
19) Phenanthrene-d10	17.405	188	15104	0.400	ng	0.00
29) Chrysene-d12	21.587	240	11130	0.400	ng	0.00
35) Perylene-d12	24.098	264	10579	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.574	112	3904	0.240	ng	0.00
5) Phenol-d6	7.185	99	2482	0.126	ng	0.00
8) Nitrobenzene-d5	9.230	82	6105	0.510	ng	0.00
11) 2-Methylnaphthalene-d10	12.426	152	9240	0.383	ng	0.00
14) 2,4,6-Tribromophenol	16.152	330	1491	0.524	ng	0.00
15) 2-Fluorobiphenyl	13.283	172	14951	0.511	ng	-0.01
27) Fluoranthene-d10	19.435	212	17002	0.453	ng	0.00
31) Terphenyl-d14	20.020	244	14872	0.665	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.473	88	11636	1.528	ng	# 94
20) 4,6-Dinitro-2-methylph...	16.859	198	10	0.046	ng	# 49
25) Phenanthrene	17.455	178	3436	0.077	ng	98
34) Bis(2-ethylhexyl)phtha...	21.444	149	2016	0.110	ng	100

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

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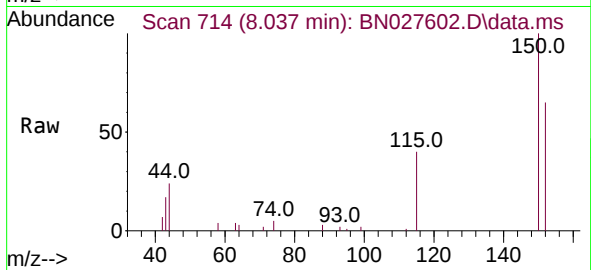
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 02:45:58 2023
Response via : Initial Calibration



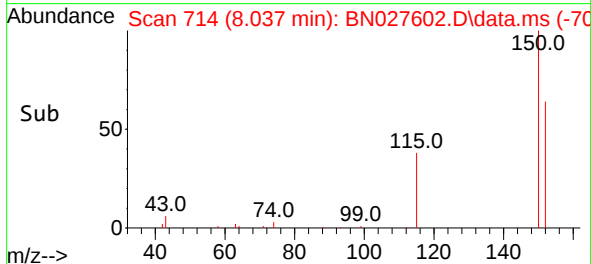
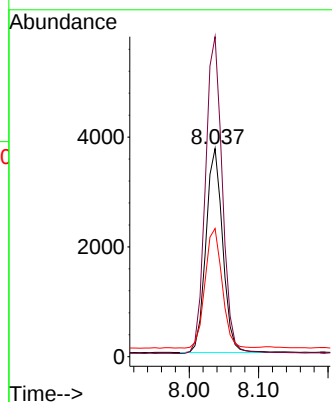


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.037 min Scan# 719
 Delta R.T. 0.000 min
 Lab File: BN027602.D
 Acq: 12 Sep 2023 08:40

Instrument :
 BNA_N
 ClientSampleId :
 OW-05B-71.7-083123

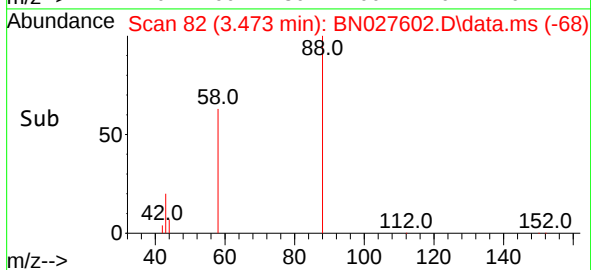
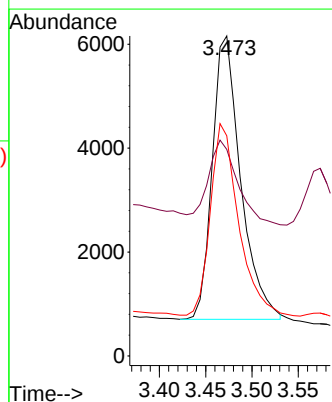
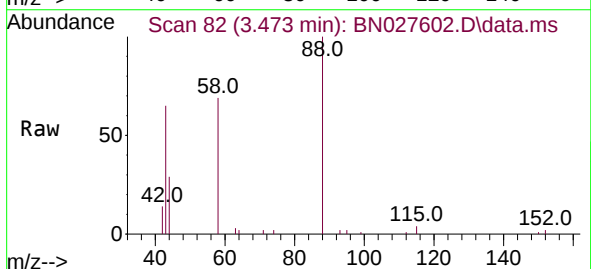


Tgt Ion:152 Resp: 6238
 Ion Ratio Lower Upper
 152 100
 150 153.7 122.7 184.1
 115 61.6 48.6 73.0



#2
 1,4-Dioxane
 Concen: 1.528 ng
 RT: 3.473 min Scan# 82
 Delta R.T. 0.000 min
 Lab File: BN027602.D
 Acq: 12 Sep 2023 08:40

Tgt Ion: 88 Resp: 11636
 Ion Ratio Lower Upper
 88 100
 43 31.4 19.1 28.7#
 58 66.8 52.2 78.2

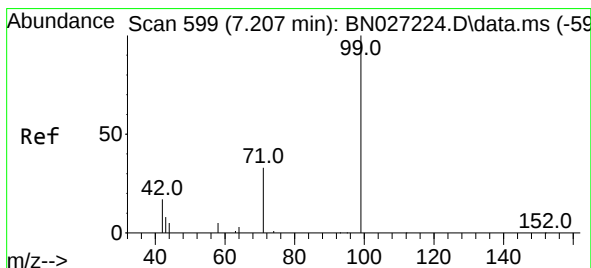
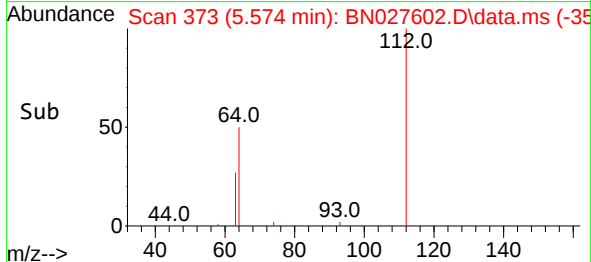
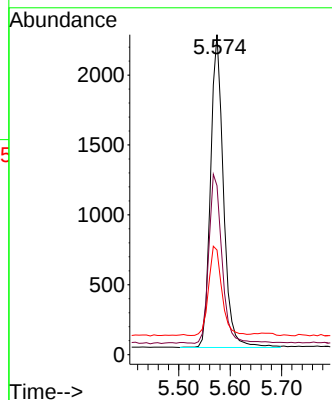
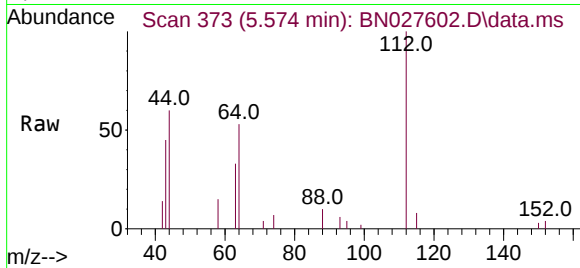




#4
2-Fluorophenol
Concen: 0.240 ng
RT: 5.574 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN027602.D
Acq: 12 Sep 2023 08:40

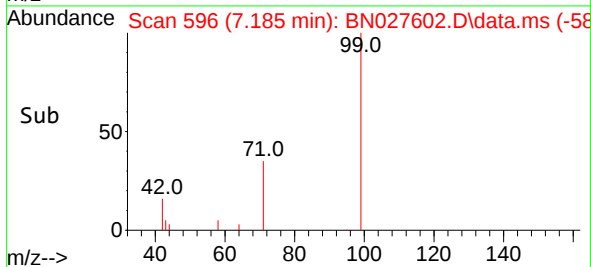
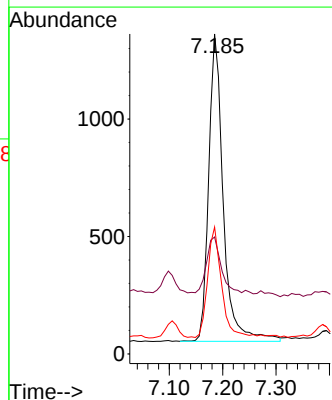
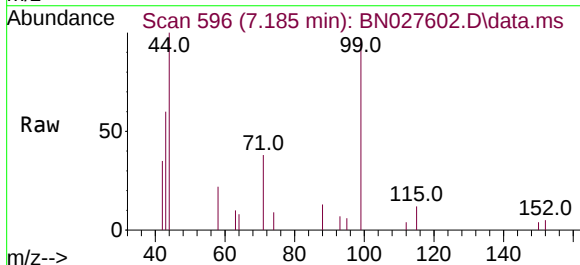
Instrument :
BNA_N
ClientSampleId :
OW-05B-71.7-083123

Tgt Ion: 112 Resp: 3904
Ion Ratio Lower Upper
112 100
64 55.5 44.4 66.6
63 29.1 23.1 34.7



#5
Phenol-d6
Concen: 0.126 ng
RT: 7.185 min Scan# 596
Delta R.T. 0.000 min
Lab File: BN027602.D
Acq: 12 Sep 2023 08:40

Tgt Ion: 99 Resp: 2482
Ion Ratio Lower Upper
99 100
42 19.9 14.5 21.7
71 34.9 25.8 38.6

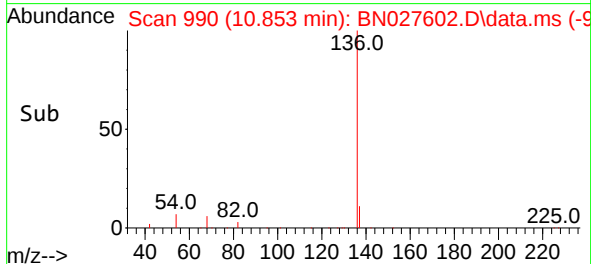
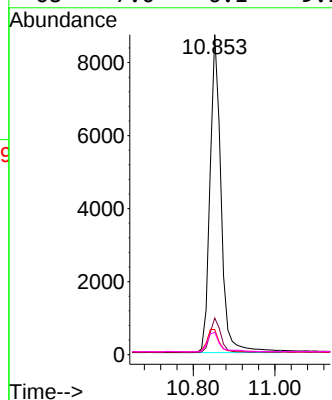
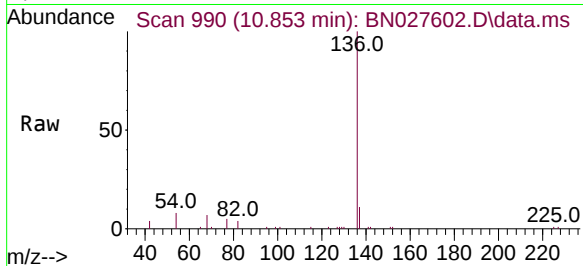




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.853 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN027602.D
Acq: 12 Sep 2023 08:40

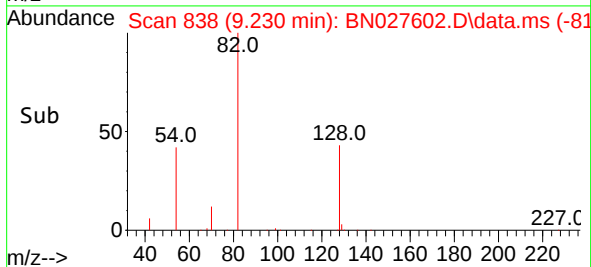
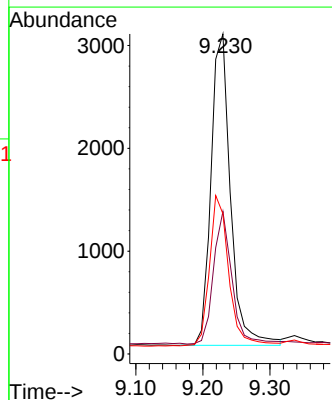
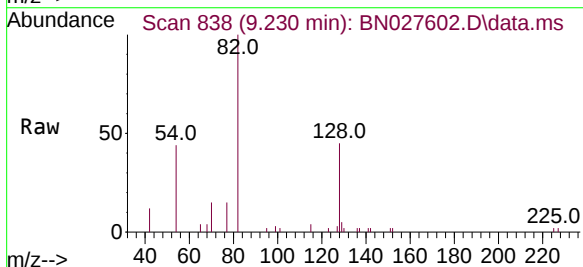
Instrument :
BNA_N
ClientSampleId :
OW-05B-71.7-083123

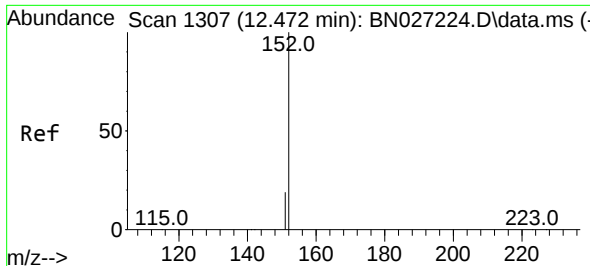
Tgt Ion:	136	Resp:	16432
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.3	13.9
54	7.9	6.7	10.1
68	7.0	6.1	9.1



#8
Nitrobenzene-d5
Concen: 0.510 ng
RT: 9.230 min Scan# 838
Delta R.T. 0.000 min
Lab File: BN027602.D
Acq: 12 Sep 2023 08:40

Tgt Ion:	82	Resp:	6105
Ion	Ratio	Lower	Upper
82	100		
128	44.6	33.4	50.0
54	43.8	37.7	56.5

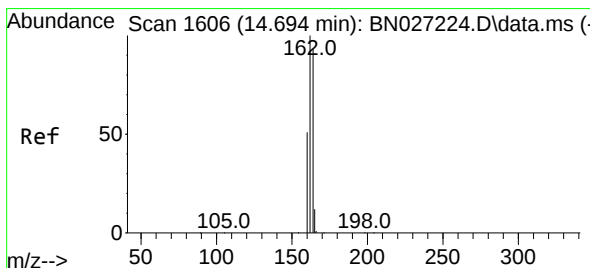
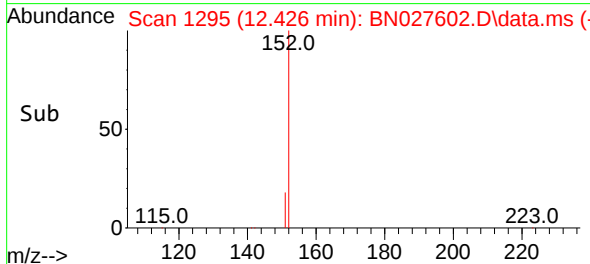
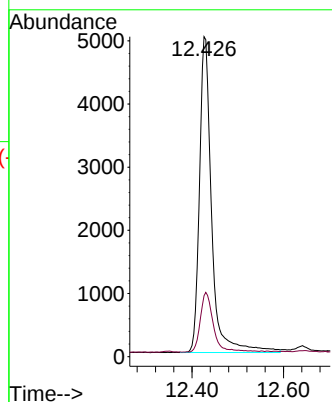
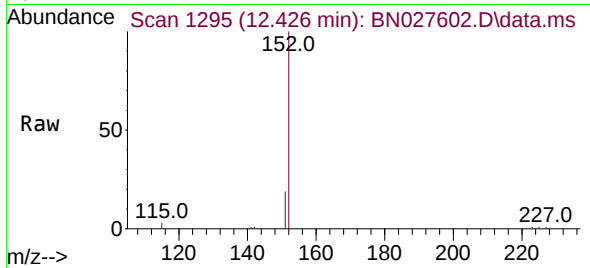




#11
2-Methylnaphthalene-d10
Concen: 0.383 ng
RT: 12.426 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN027602.D
Acq: 12 Sep 2023 08:40

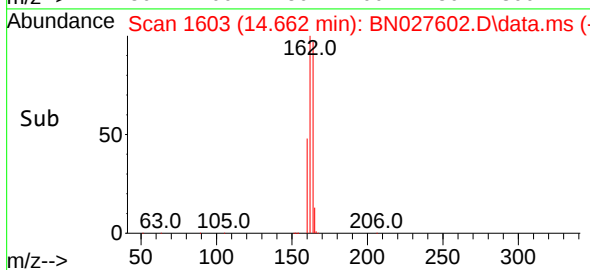
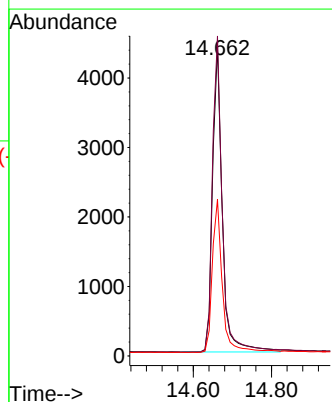
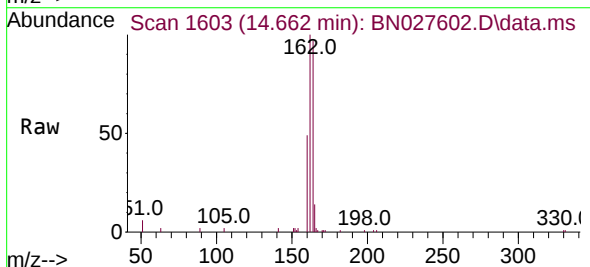
Instrument :
BNA_N
ClientSampleId :
OW-05B-71.7-083123

Tgt Ion:152 Resp: 9240
Ion Ratio Lower Upper
152 100
151 20.5 16.6 25.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.662 min Scan# 1603
Delta R.T. 0.000 min
Lab File: BN027602.D
Acq: 12 Sep 2023 08:40

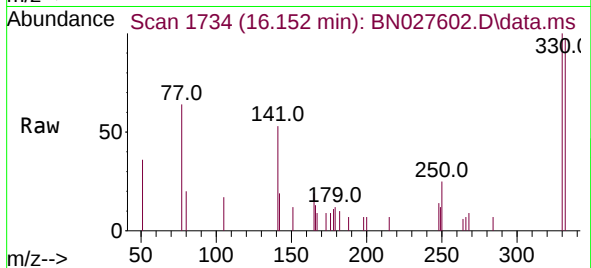
Tgt Ion:164 Resp: 7691
Ion Ratio Lower Upper
164 100
162 103.4 85.8 128.8
160 50.6 44.2 66.2



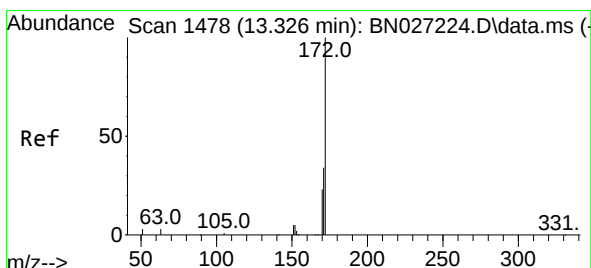
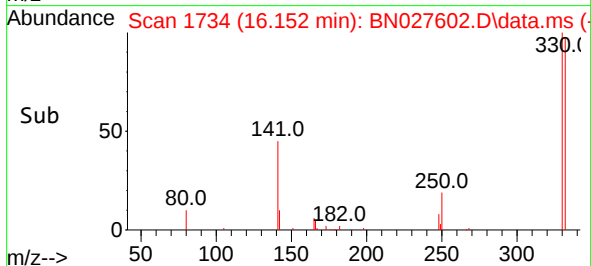
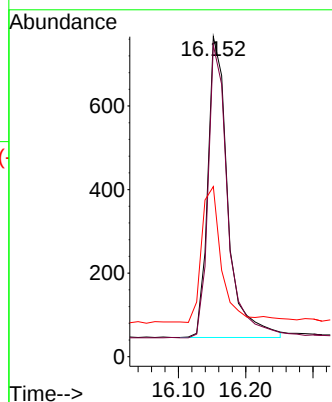


#14
2,4,6-Tribromophenol
Concen: 0.524 ng
RT: 16.152 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN027602.D
Acq: 12 Sep 2023 08:40

Instrument :
BNA_N
ClientSampleId :
OW-05B-71.7-083123

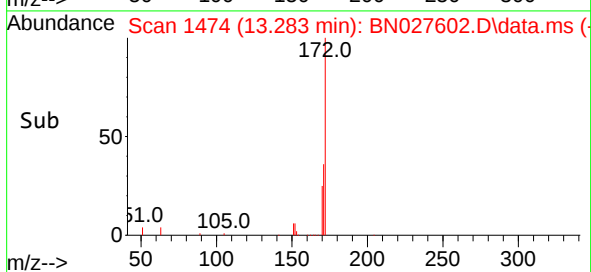
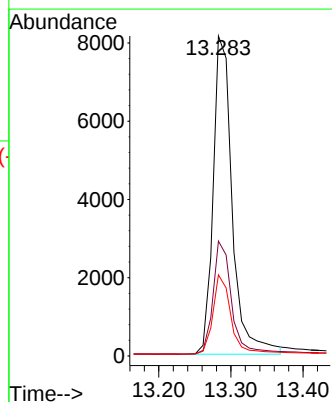
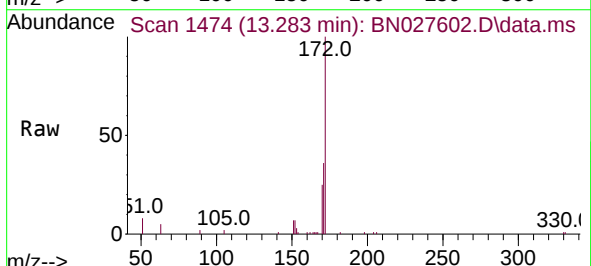


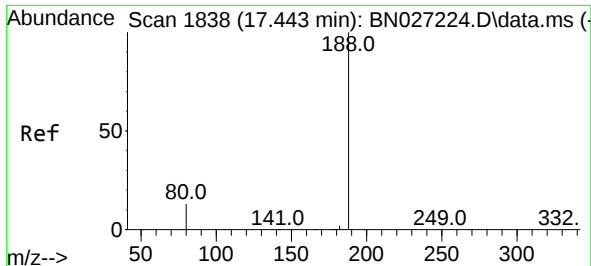
Tgt Ion:330 Resp: 1491
Ion Ratio Lower Upper
330 100
332 96.1 75.2 112.8
141 45.7 36.2 54.4



#15
2-Fluorobiphenyl
Concen: 0.511 ng
RT: 13.283 min Scan# 1474
Delta R.T. -0.011 min
Lab File: BN027602.D
Acq: 12 Sep 2023 08:40

Tgt Ion:172 Resp: 14951
Ion Ratio Lower Upper
172 100
171 35.9 27.8 41.8
170 25.4 19.3 28.9

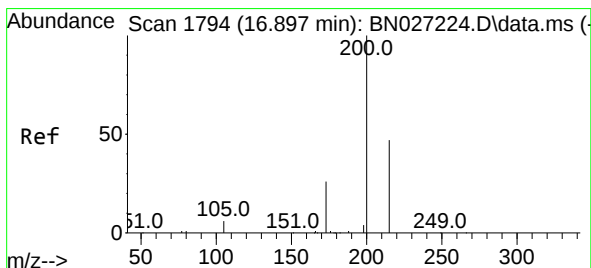
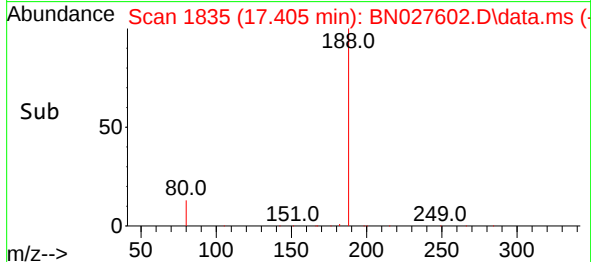
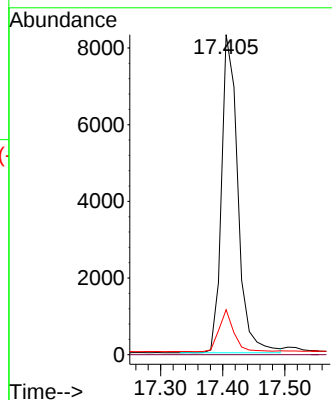
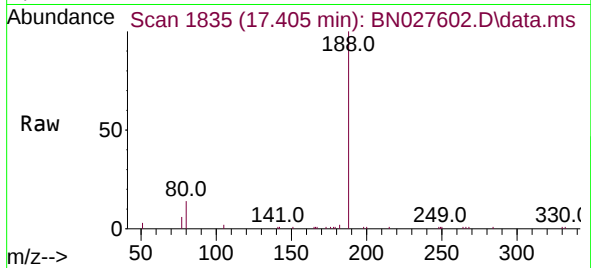




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.405 min Scan# 1835
Delta R.T. 0.000 min
Lab File: BN027602.D
Acq: 12 Sep 2023 08:40

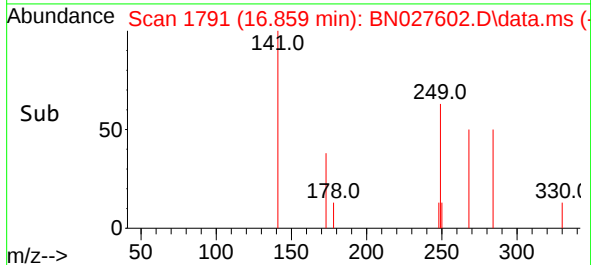
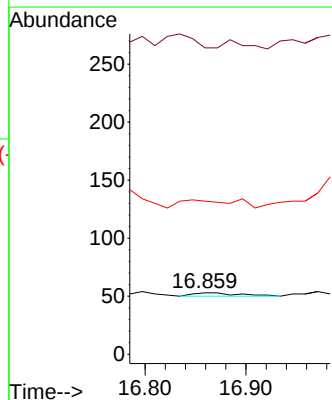
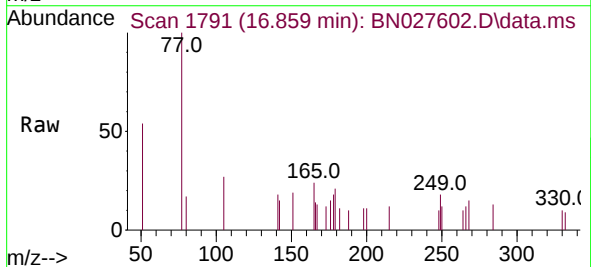
Instrument :
BNA_N
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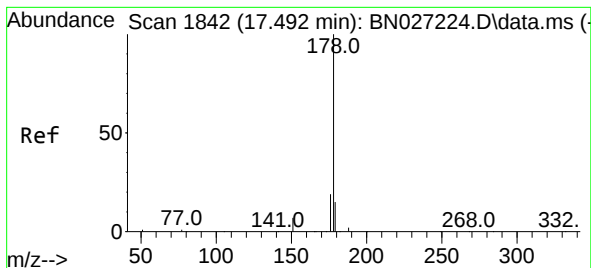
Tgt Ion:188 Resp: 15104
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.1 11.0 16.6



#20
4,6-Dinitro-2-methylphenol
Concen: 0.046 ng
RT: 16.859 min Scan# 1791
Delta R.T. 0.000 min
Lab File: BN027602.D
Acq: 12 Sep 2023 08:40

Tgt Ion:198 Resp: 10
Ion Ratio Lower Upper
198 100
51 498.1 282.2 423.2#
105 249.1 168.7 253.1





#25

Phenanthrene

Concen: 0.077 ng

RT: 17.455 min Scan# 1839

Delta R.T. 0.000 min

Lab File: BN027602.D

Acq: 12 Sep 2023 08:40

Instrument :

BNA_N

ClientSampleId :

OW-05B-71.7-083123

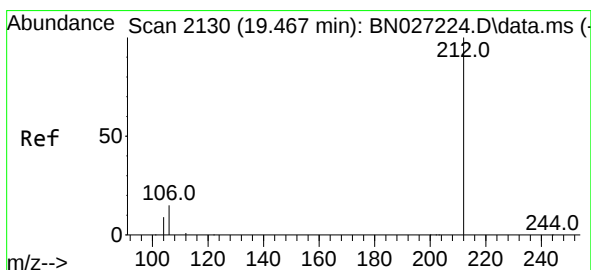
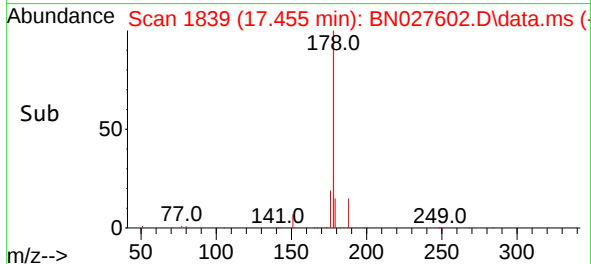
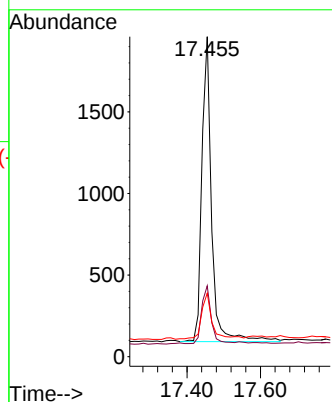
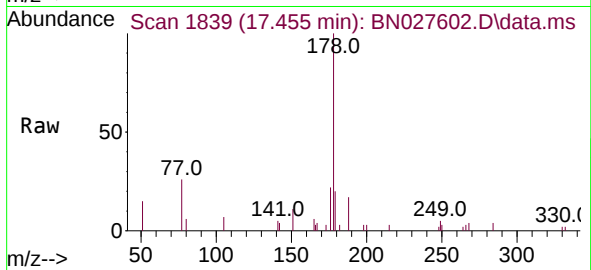
Tgt Ion:178 Resp: 3436

Ion Ratio Lower Upper

178 100

176 18.4 15.6 23.4

179 15.6 12.3 18.5



#27

Fluoranthene-d10

Concen: 0.453 ng

RT: 19.435 min Scan# 2123

Delta R.T. 0.000 min

Lab File: BN027602.D

Acq: 12 Sep 2023 08:40

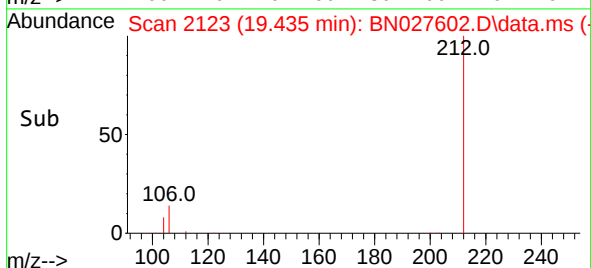
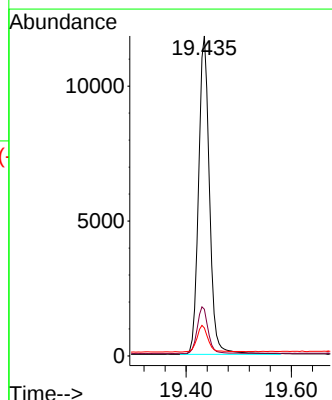
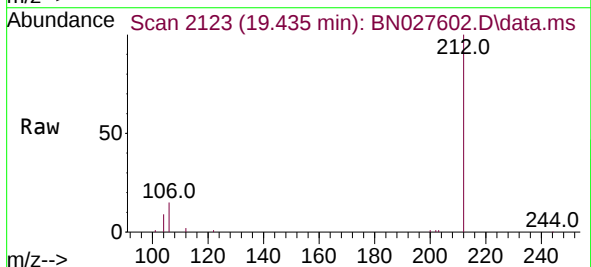
Tgt Ion:212 Resp: 17002

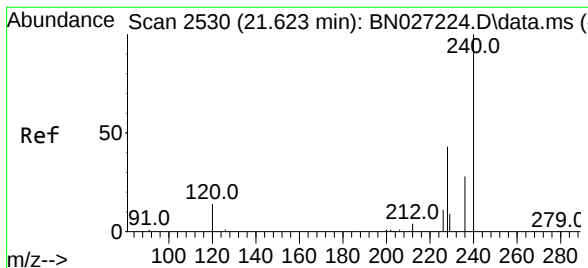
Ion Ratio Lower Upper

212 100

106 14.7 12.1 18.1

104 8.4 6.9 10.3





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.587 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN027602.D

Acq: 12 Sep 2023 08:40

Instrument :

BNA_N

ClientSampleId :

OW-05B-71.7-083123

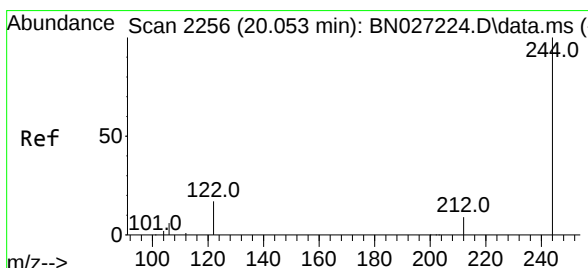
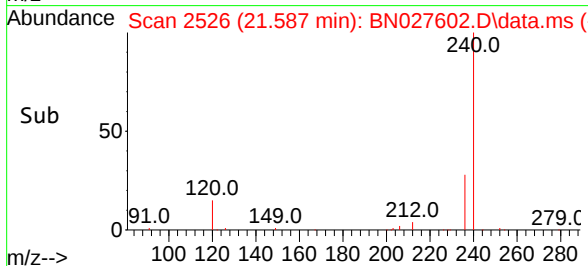
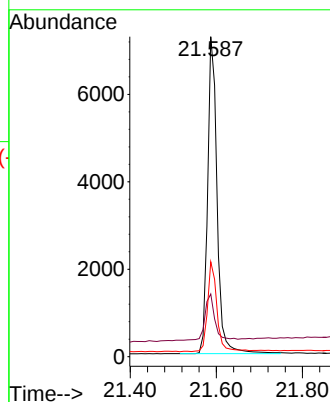
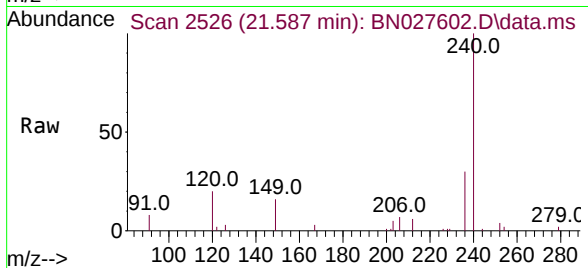
Tgt Ion:240 Resp: 11130

Ion Ratio Lower Upper

240 100

120 19.6 14.2 21.4

236 29.7 22.9 34.3



#31

Terphenyl-d14

Concen: 0.665 ng

RT: 20.020 min Scan# 2249

Delta R.T. 0.000 min

Lab File: BN027602.D

Acq: 12 Sep 2023 08:40

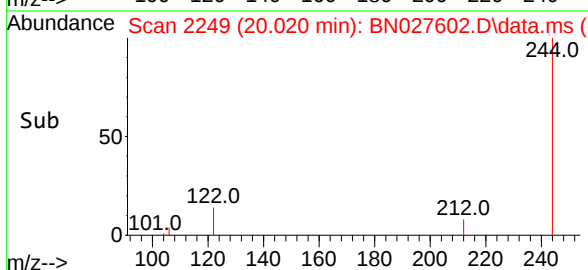
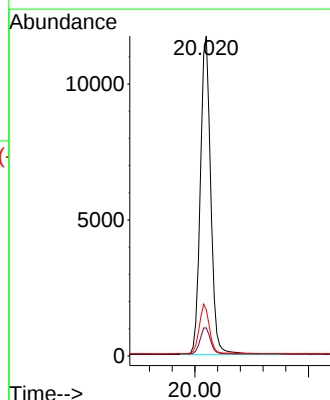
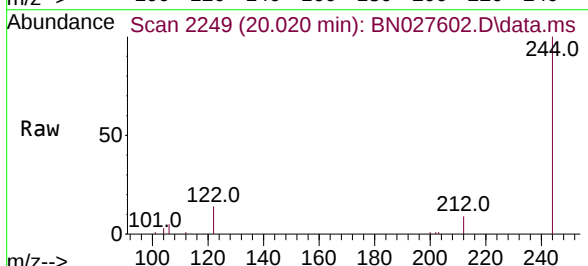
Tgt Ion:244 Resp: 14872

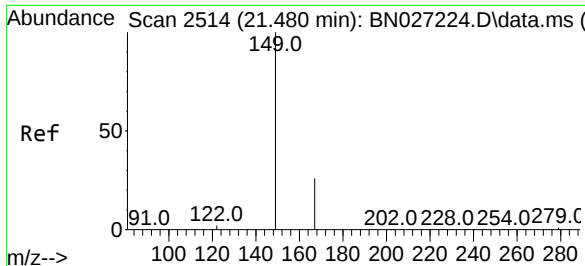
Ion Ratio Lower Upper

244 100

212 8.7 7.5 11.3

122 14.5 14.0 21.0

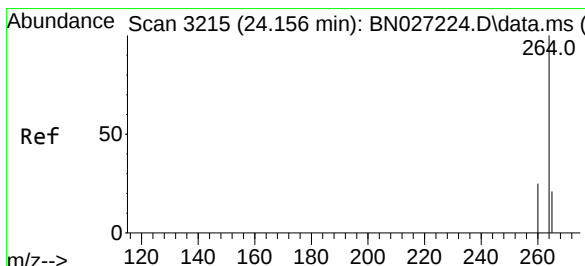
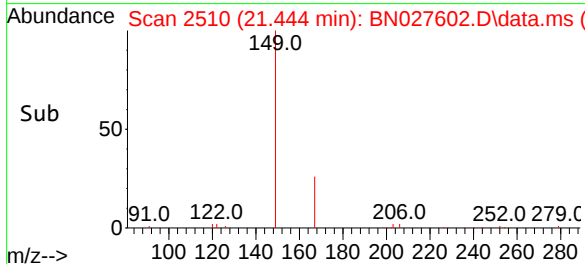
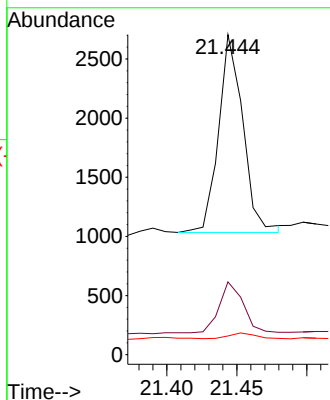
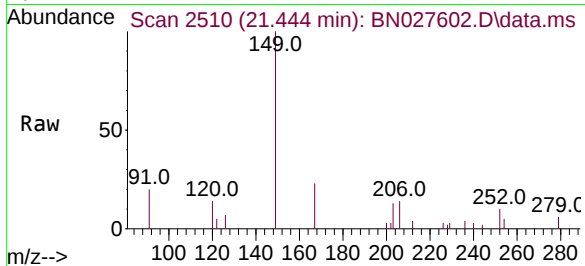




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.110 ng
 RT: 21.444 min Scan# 2149
 Delta R.T. 0.000 min
 Lab File: BN027602.D
 Acq: 12 Sep 2023 08:40

Instrument :
 BNA_N
 ClientSampleId :
 OW-05B-71.7-083123

Tgt Ion:	149	Resp:	2016
Ion	Ratio	Lower	Upper
149	100		
167	27.3	22.1	33.1
279	3.3	2.7	4.1



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.098 min Scan# 3195
 Delta R.T. 0.003 min
 Lab File: BN027602.D
 Acq: 12 Sep 2023 08:40

Tgt Ion:	264	Resp:	10579
Ion	Ratio	Lower	Upper
264	100		
260	26.3	20.7	31.1
265	84.6	53.3	79.9

