

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022424\
 Data File : BN030027.D
 Acq On : 25 Feb 2024 13:07
 Operator : MA/JU
 Sample : P1533-07
 Misc :
 ALS Vial : 77 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW9-MW01D2-20240217

Quant Time: Feb 26 02:50:45 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 26 02:39:45 2024
 Response via : Initial Calibration

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

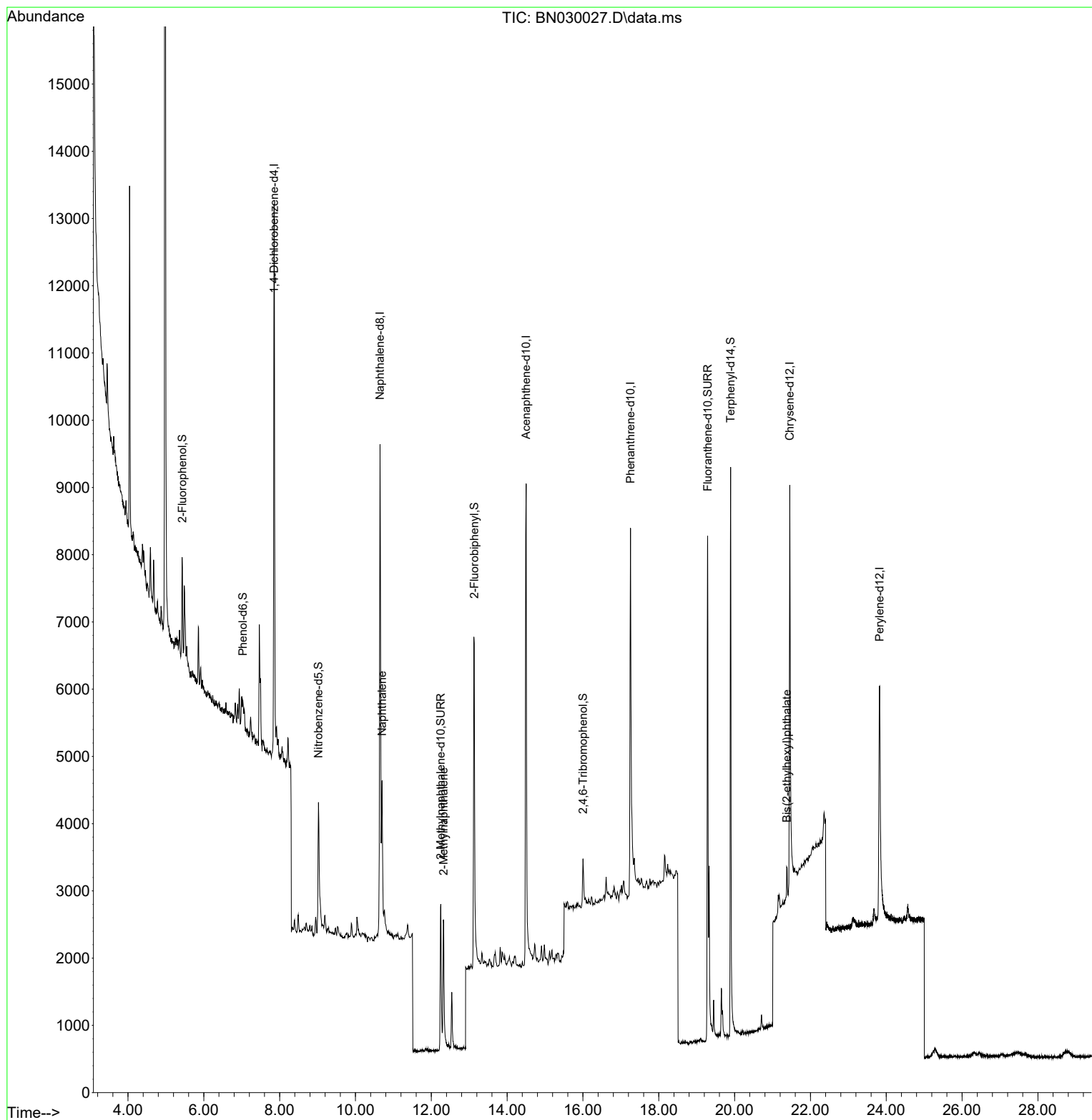
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	4372	0.400	ng	0.00
7) Naphthalene-d8	10.648	136	11341	0.400	ng	# 0.00
13) Acenaphthene-d10	14.500	164	5318	0.400	ng	0.01
19) Phenanthrene-d10	17.255	188	10087	0.400	ng	0.00
29) Chrysene-d12	21.456	240	8197	0.400	ng	# 0.00
35) Perylene-d12	23.823	264	7459	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.435	112	1258	0.120	ng	0.00
5) Phenol-d6	7.031	99	679	0.056	ng	0.00
8) Nitrobenzene-d5	9.025	82	2538	0.269	ng	0.01
11) 2-Methylnaphthalene-d10	12.250	152	4016	0.260	ng	0.00
14) 2,4,6-Tribromophenol	16.002	330	532	0.312	ng	0.00
15) 2-Fluorobiphenyl	13.132	172	6003	0.263	ng	0.01
27) Fluoranthene-d10	19.289	212	10477	0.429	ng	0.00
31) Terphenyl-d14	19.893	244	9850	0.484	ng	0.00
Target Compounds						
9) Naphthalene	10.701	128	2971	0.092	ng	# 94
12) 2-Methylnaphthalene	12.321	142	1739	0.092	ng	# 93
34) Bis(2-ethylhexyl)phtha...	21.376	149	636	0.033	ng	# 95

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

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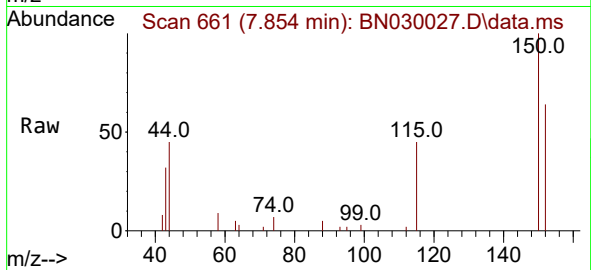
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 26 02:39:45 2024
Response via : Initial Calibration



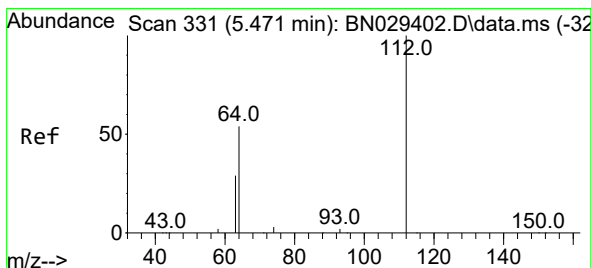
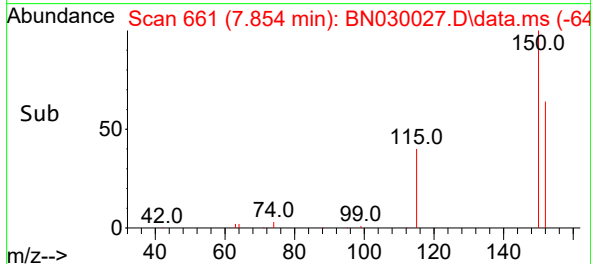
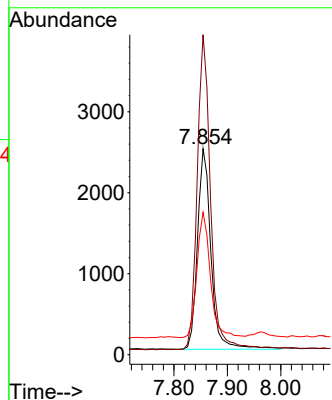


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.854 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN030027.D
Acq: 25 Feb 2024 13:07

Instrument :
BNA_N
ClientSampleId :
RW9-MW01D2-20240217

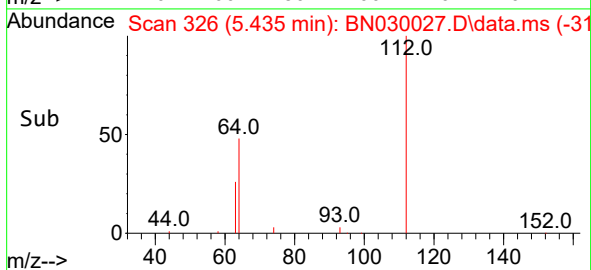
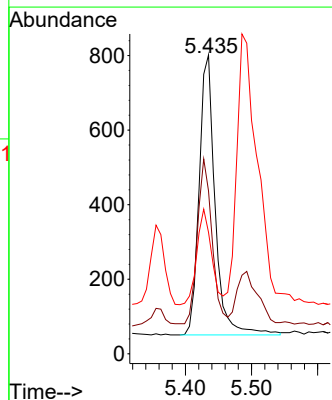
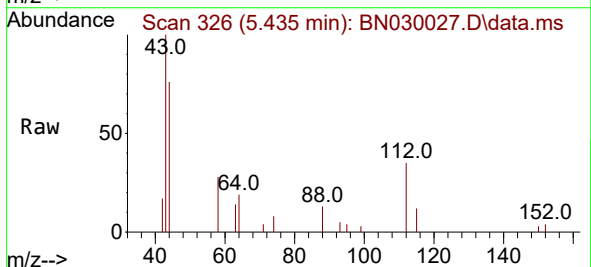


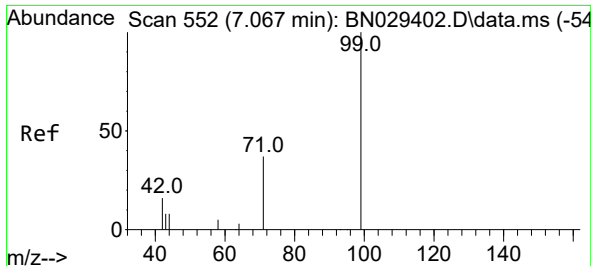
Tgt Ion:152 Resp: 4372
Ion Ratio Lower Upper
152 100
150 155.3 123.0 184.4
115 69.1 51.4 77.0



#4
2-Fluorophenol
Concen: 0.120 ng
RT: 5.435 min Scan# 326
Delta R.T. 0.007 min
Lab File: BN030027.D
Acq: 25 Feb 2024 13:07

Tgt Ion:112 Resp: 1258
Ion Ratio Lower Upper
112 100
64 53.6 47.2 70.8
63 31.2 25.8 38.6

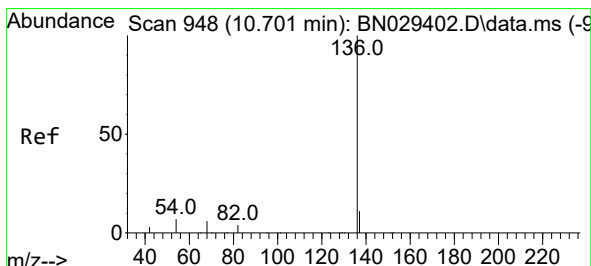
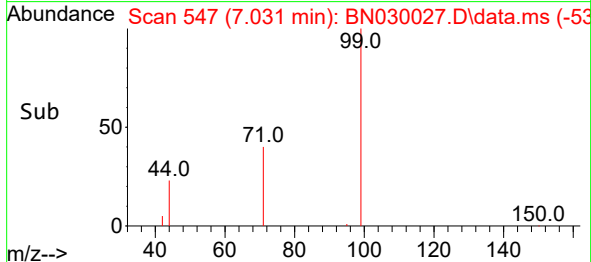
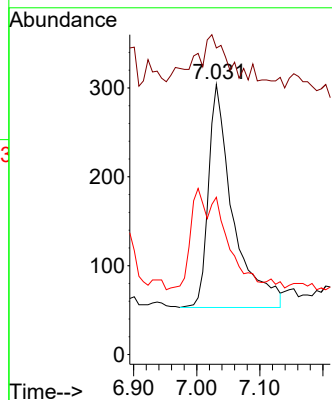
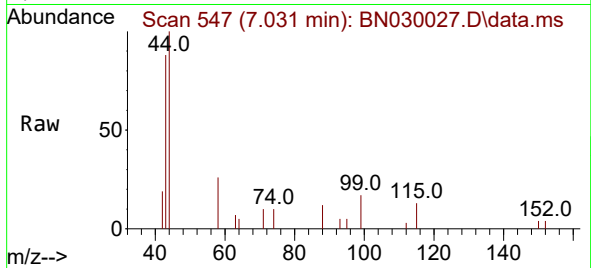




#5
Phenol-d6
Concen: 0.056 ng
RT: 7.031 min Scan# 54
Delta R.T. 0.007 min
Lab File: BN030027.D
Acq: 25 Feb 2024 13:07

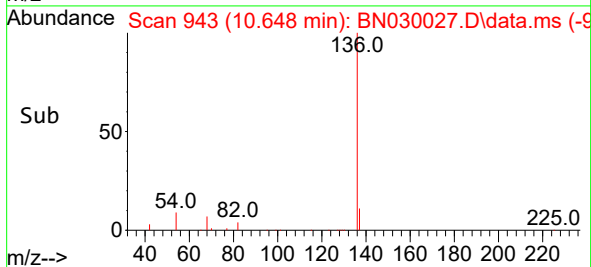
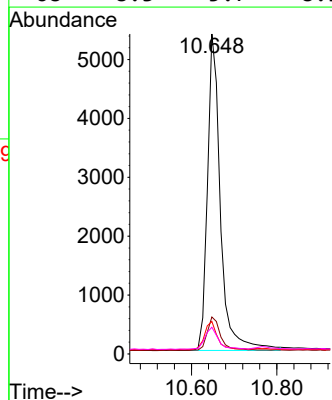
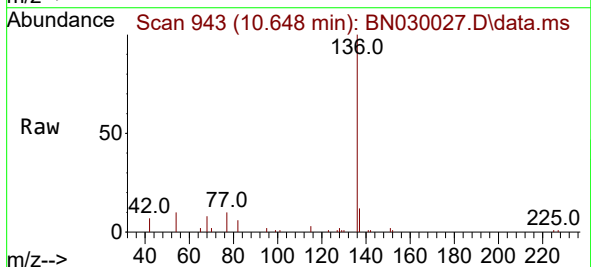
Instrument :
BNA_N
ClientSampleId :
RW9-MW01D2-20240217

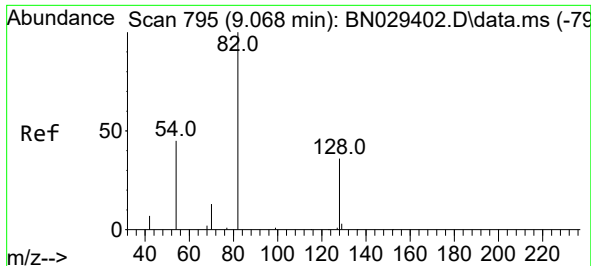
Tgt Ion: 99 Resp: 679
Ion Ratio Lower Upper
99 100
42 25.9 16.9 25.3#
71 0.0 30.0 45.0#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.648 min Scan# 943
Delta R.T. 0.000 min
Lab File: BN030027.D
Acq: 25 Feb 2024 13:07

Tgt Ion: 136 Resp: 11341
Ion Ratio Lower Upper
136 100
137 11.6 9.7 14.5
54 10.1 6.6 10.0#
68 8.3 5.7 8.5

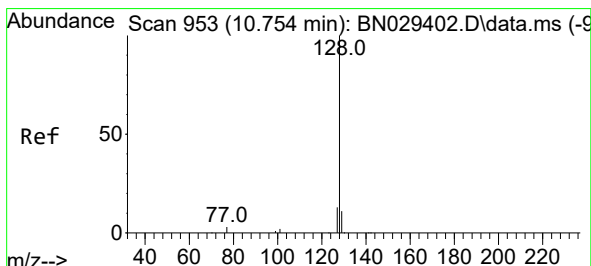
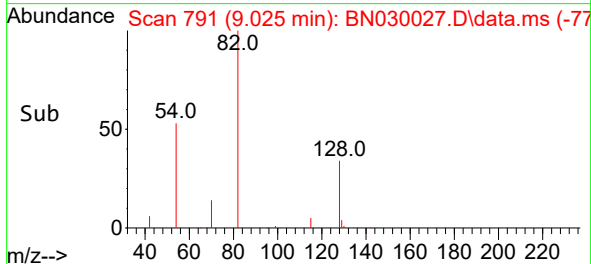
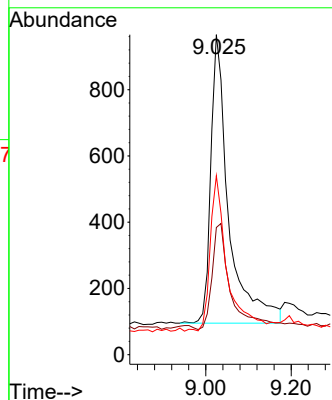
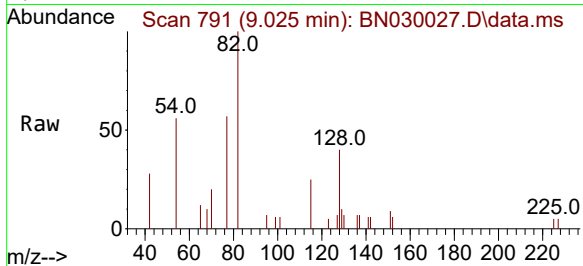




#8
Nitrobenzene-d5
Concen: 0.269 ng
RT: 9.025 min Scan# 791
Delta R.T. 0.011 min
Lab File: BN030027.D
Acq: 25 Feb 2024 13:07

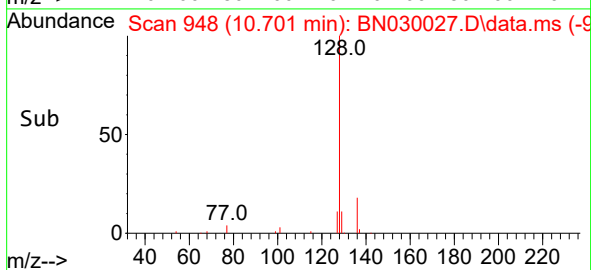
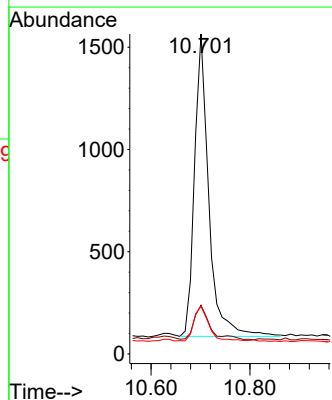
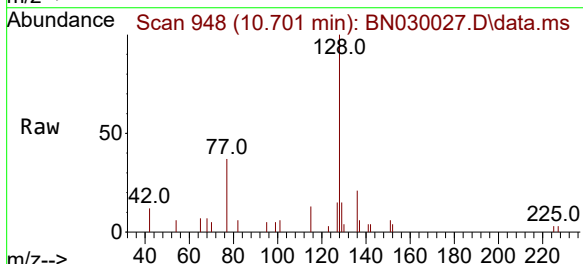
Instrument :
BNA_N
ClientSampleId :
RW9-MW01D2-20240217

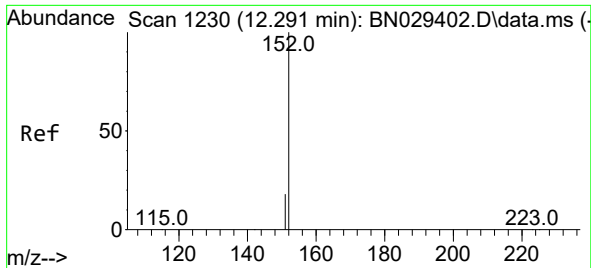
Tgt Ion: 82 Resp: 2538
Ion Ratio Lower Upper
82 100
128 39.8 31.6 47.4
54 55.9 38.2 57.4



#9
Naphthalene
Concen: 0.092 ng
RT: 10.701 min Scan# 948
Delta R.T. 0.000 min
Lab File: BN030027.D
Acq: 25 Feb 2024 13:07

Tgt Ion: 128 Resp: 2971
Ion Ratio Lower Upper
128 100
129 15.3 9.5 14.3#
127 14.8 10.8 16.2

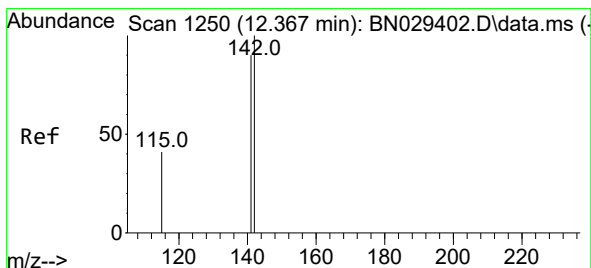
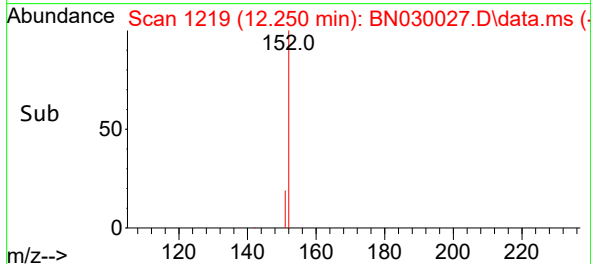
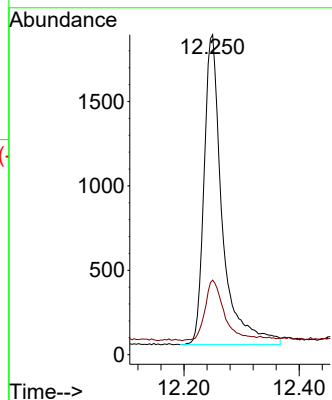
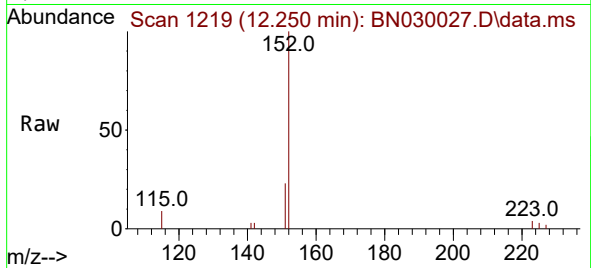




#11
2-Methylnaphthalene-d10
Concen: 0.260 ng
RT: 12.250 min Scan# 11
Delta R.T. 0.004 min
Lab File: BN030027.D
Acq: 25 Feb 2024 13:07

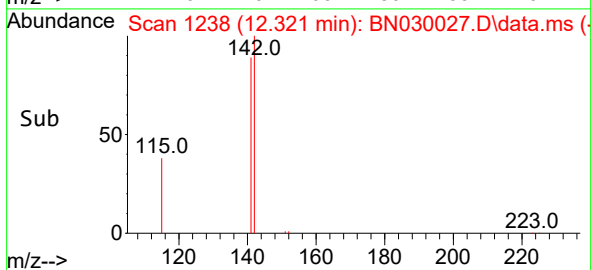
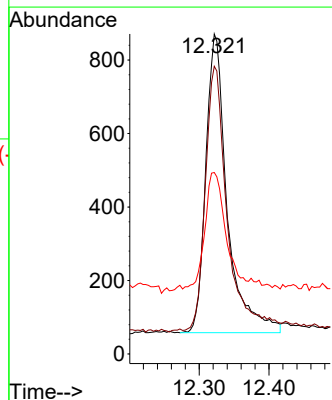
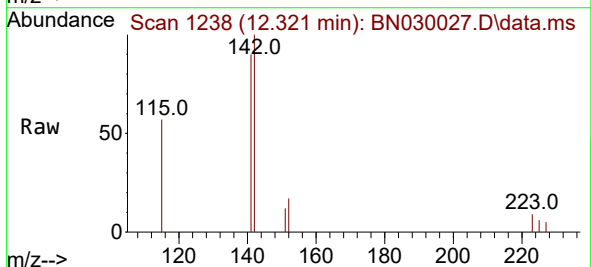
Instrument :
BNA_N
ClientSampleId :
RW9-MW01D2-20240217

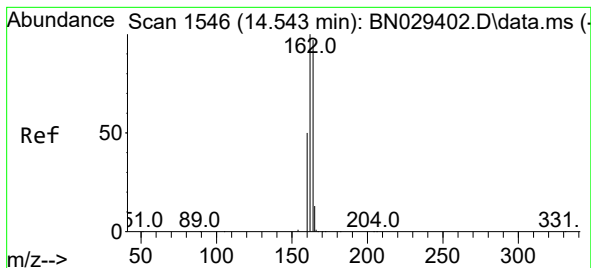
Tgt Ion:152 Resp: 4016
Ion Ratio Lower Upper
152 100
151 21.0 17.1 25.7



#12
2-Methylnaphthalene
Concen: 0.092 ng
RT: 12.321 min Scan# 1238
Delta R.T. 0.004 min
Lab File: BN030027.D
Acq: 25 Feb 2024 13:07

Tgt Ion:142 Resp: 1739
Ion Ratio Lower Upper
142 100
141 89.9 71.9 107.9
115 56.7 33.9 50.9#





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.500 min Scan# 1

Delta R.T. 0.011 min

Lab File: BN030027.D

Acq: 25 Feb 2024 13:07

Instrument :

BNA_N

ClientSampleId :

RW9-MW01D2-20240217

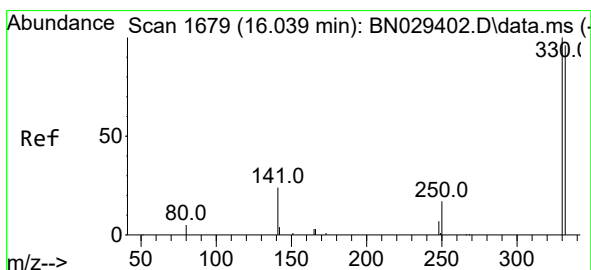
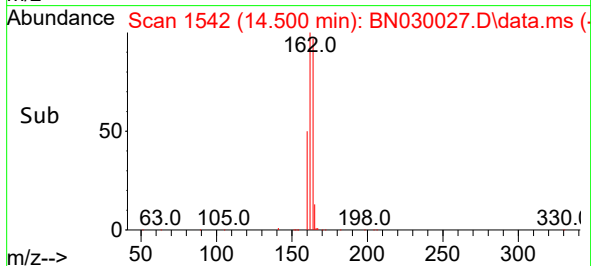
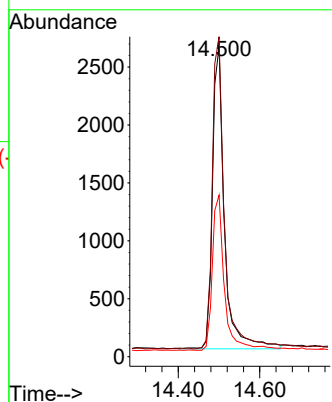
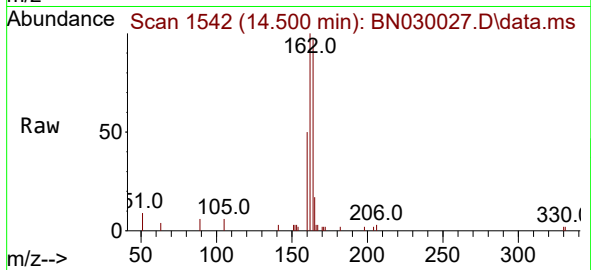
Tgt Ion:164 Resp: 5318

Ion Ratio Lower Upper

164 100

162 103.1 82.6 123.8

160 52.1 41.5 62.3



#14

2,4,6-Tribromophenol

Concen: 0.312 ng

RT: 16.002 min Scan# 1676

Delta R.T. 0.000 min

Lab File: BN030027.D

Acq: 25 Feb 2024 13:07

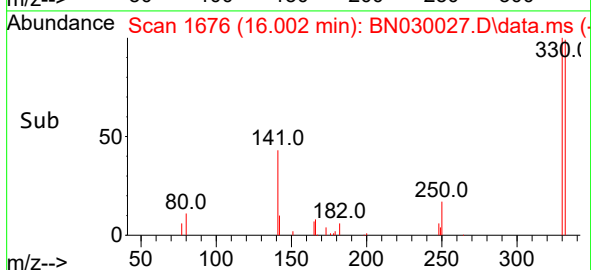
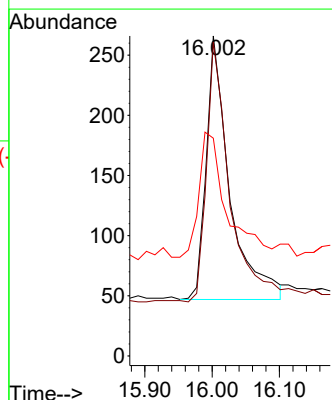
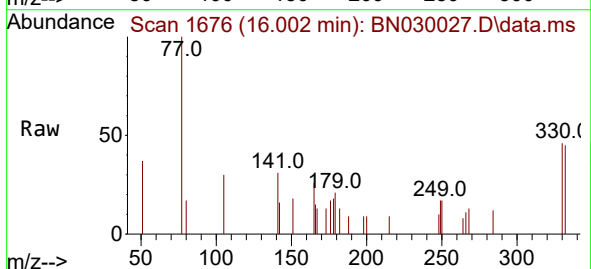
Tgt Ion:330 Resp: 532

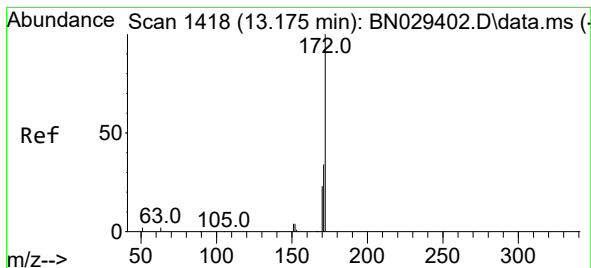
Ion Ratio Lower Upper

330 100

332 95.7 76.0 114.0

141 55.6 43.4 65.2





#15

2-Fluorobiphenyl

Concen: 0.263 ng

RT: 13.132 min Scan# 1418

Delta R.T. 0.011 min

Lab File: BN030027.D

Acq: 25 Feb 2024 13:07

Instrument :

BNA_N

ClientSampleId :

RW9-MW01D2-20240217

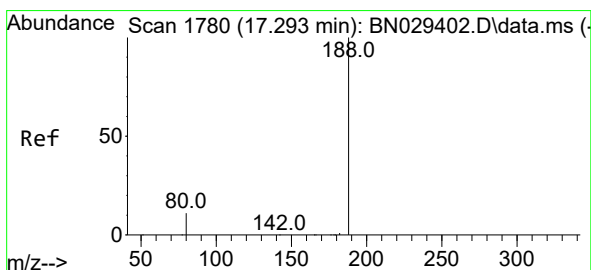
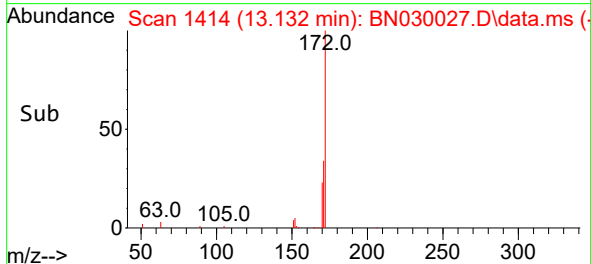
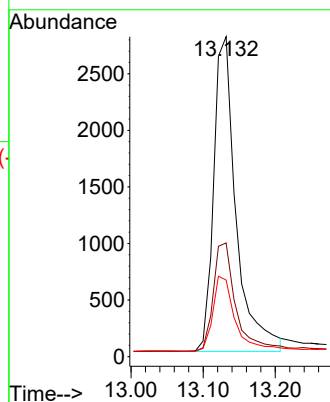
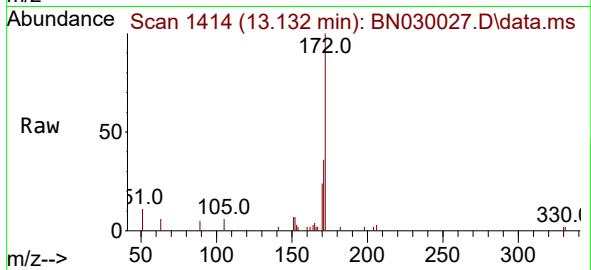
Tgt Ion:172 Resp: 6003

Ion Ratio Lower Upper

172 100

171 35.5 28.0 42.0

170 23.9 18.7 28.1



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.255 min Scan# 1777

Delta R.T. 0.000 min

Lab File: BN030027.D

Acq: 25 Feb 2024 13:07

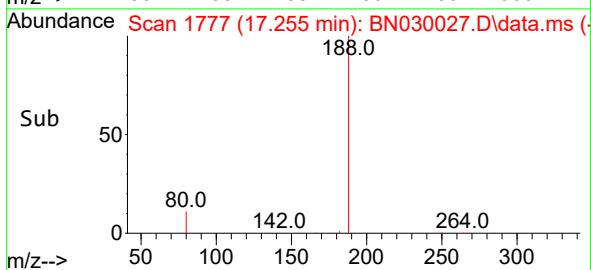
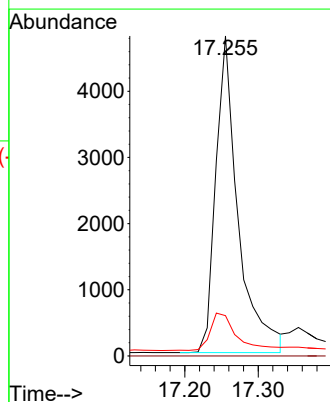
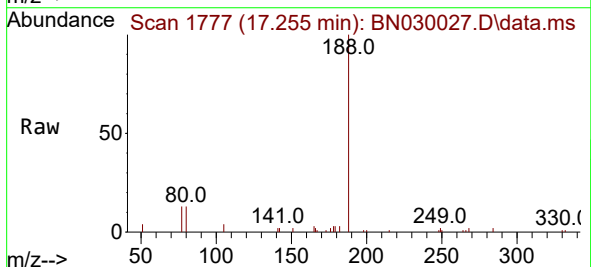
Tgt Ion:188 Resp: 10087

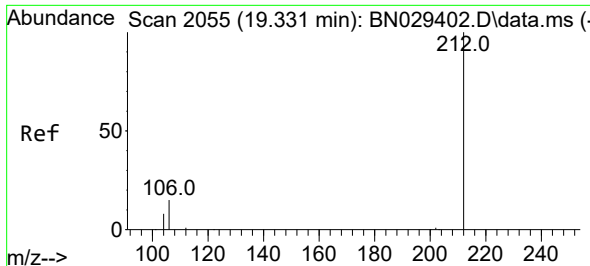
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.6 10.0 15.0

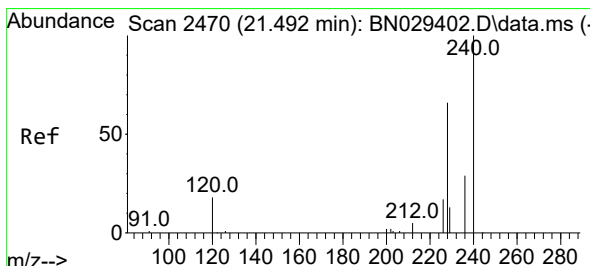
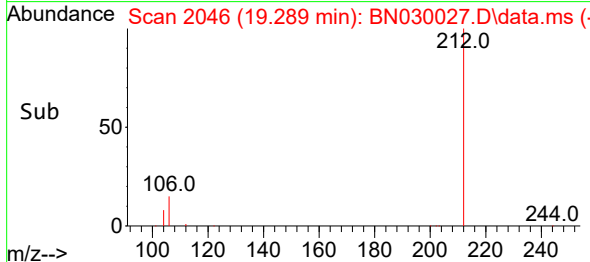
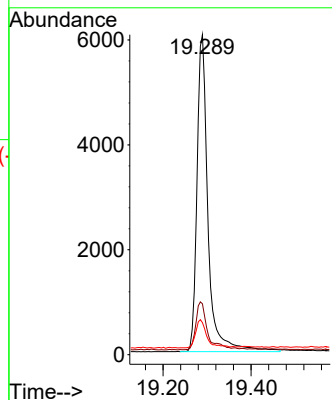
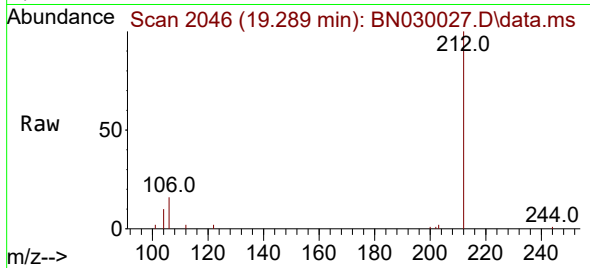




#27
Fluoranthene-d10
Concen: 0.429 ng
RT: 19.289 min Scan# 2055
Delta R.T. 0.000 min
Lab File: BN030027.D
Acq: 25 Feb 2024 13:07

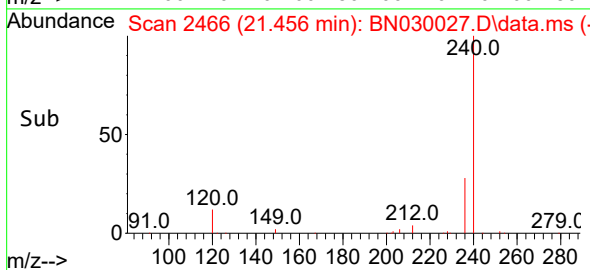
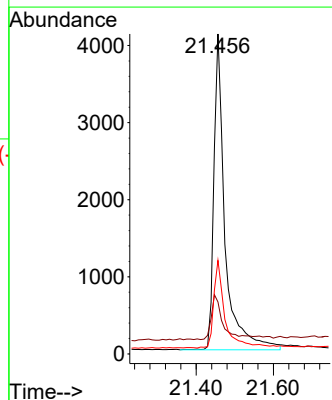
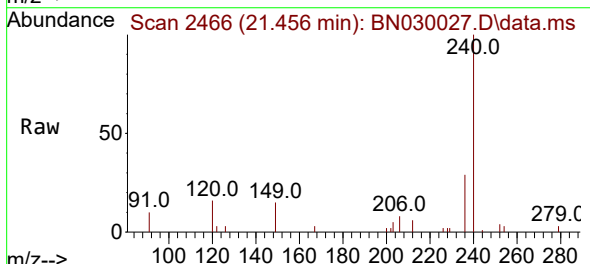
Instrument :
BNA_N
ClientSampleId :
RW9-MW01D2-20240217

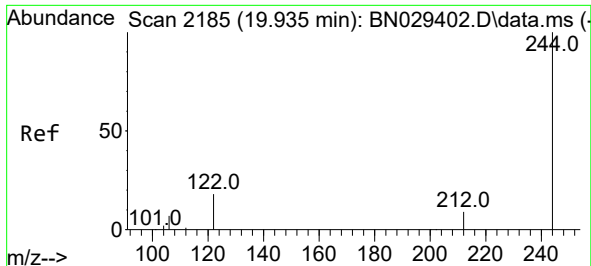
Tgt Ion:212 Resp: 10477
Ion Ratio Lower Upper
212 100
106 16.2 13.2 19.8
104 9.2 7.7 11.5



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.456 min Scan# 2466
Delta R.T. 0.000 min
Lab File: BN030027.D
Acq: 25 Feb 2024 13:07

Tgt Ion:240 Resp: 8197
Ion Ratio Lower Upper
240 100
120 16.3 16.7 25.1#
236 29.2 23.9 35.9

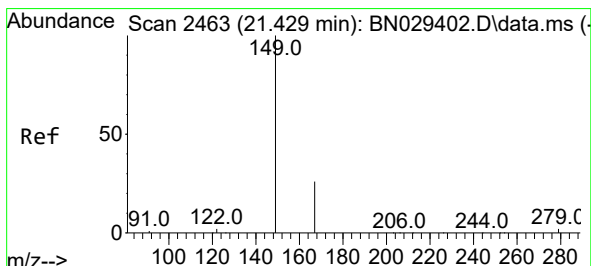
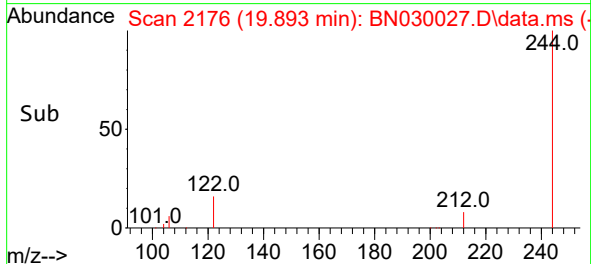
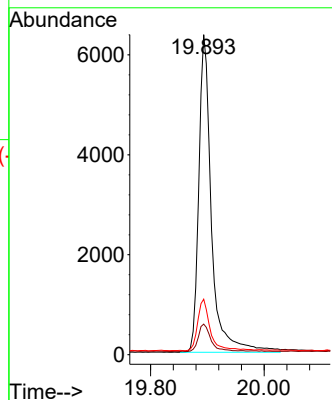
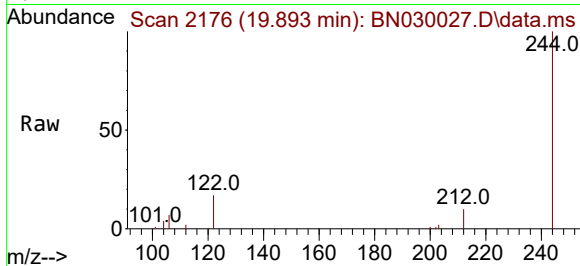




#31
 Terphenyl-d14
 Concen: 0.484 ng
 RT: 19.893 min Scan# 2185
 Delta R.T. -0.005 min
 Lab File: BN030027.D
 Acq: 25 Feb 2024 13:07

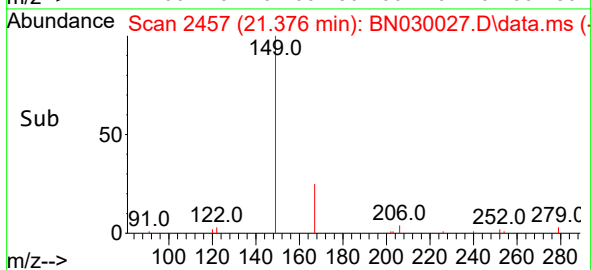
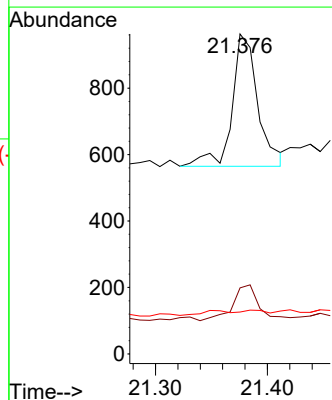
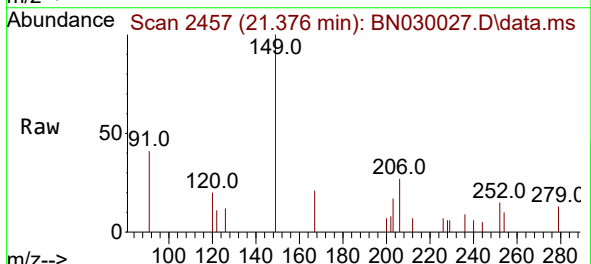
Instrument :
 BNA_N
 ClientSampleId :
 RW9-MW01D2-20240217

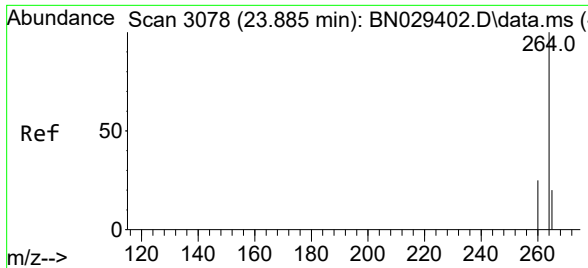
Tgt Ion:244 Resp: 9850
 Ion Ratio Lower Upper
 244 100
 212 9.5 8.2 12.4
 122 17.4 15.6 23.4



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.033 ng
 RT: 21.376 min Scan# 2457
 Delta R.T. -0.009 min
 Lab File: BN030027.D
 Acq: 25 Feb 2024 13:07

Tgt Ion:149 Resp: 636
 Ion Ratio Lower Upper
 149 100
 167 28.0 20.1 30.1
 279 2.2 2.5 3.7#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.823 min Scan# 30
Delta R.T. 0.003 min
Lab File: BN030027.D
Acq: 25 Feb 2024 13:07

Instrument :
BNA_N
ClientSampleId :
RW9-MW01D2-20240217

Tgt Ion:	264	Resp:	7459
Ion	Ratio	Lower	Upper
264	100		
260	26.8	21.2	31.8
265	75.7	41.5	62.3

