

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091123\
 Data File : BN027569.D
 Acq On : 11 Sep 2023 09:50
 Operator : MA/JU
 Sample : 04252-02
 Misc :
 ALS Vial : 80 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-14A-17.5-083023

Quant Time: Sep 12 01:30:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 11 05:26:09 2023
 Response via : Initial Calibration

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

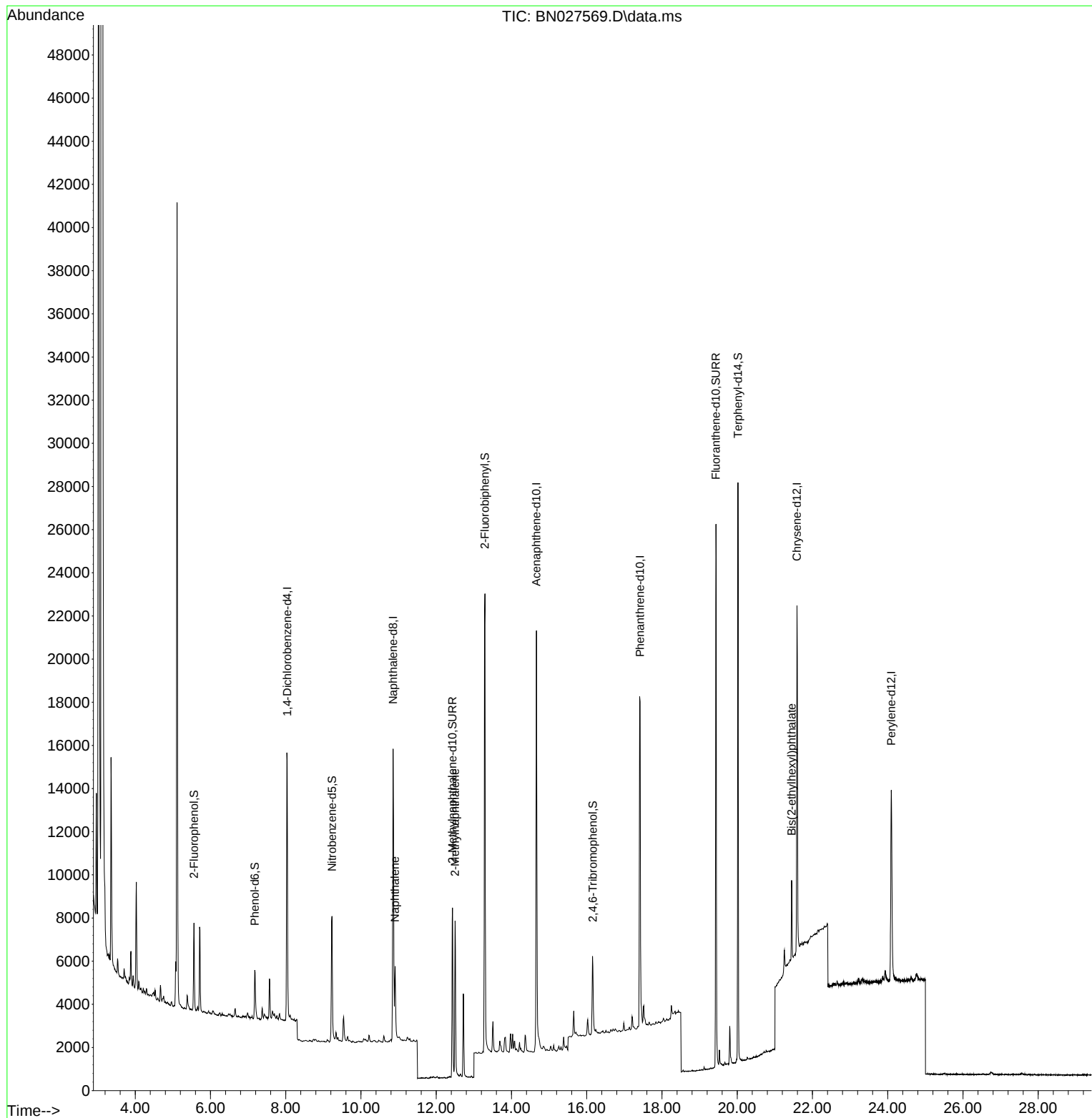
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.037	152	6418	0.400	ng	0.00
7) Naphthalene-d8	10.853	136	19633	0.400	ng	0.00
13) Acenaphthene-d10	14.662	164	11907	0.400	ng	0.00
19) Phenanthrene-d10	17.418	188	25581	0.400	ng	# 0.00
29) Chrysene-d12	21.587	240	17058	0.400	ng	0.00
35) Perylene-d12	24.095	264	14292	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.560	112	3358	0.201	ng	0.00
5) Phenol-d6	7.178	99	2478	0.122	ng	0.00
8) Nitrobenzene-d5	9.230	82	5726	0.400	ng	0.01
11) 2-Methylnaphthalene-d10	12.430	152	11487	0.398	ng	0.00
14) 2,4,6-Tribromophenol	16.164	330	2476	0.562	ng	0.01
15) 2-Fluorobiphenyl	13.293	172	20983	0.463	ng	0.00
27) Fluoranthene-d10	19.435	212	28988	0.456	ng	0.00
31) Terphenyl-d14	20.020	244	25570	0.746	ng	0.00
Target Compounds						
9) Naphthalene	10.906	128	4208	0.079	ng	95
12) 2-Methylnaphthalene	12.502	142	5349	0.140	ng	98
34) Bis(2-ethylhexyl)phtha...	21.444	149	3552	0.126	ng	98

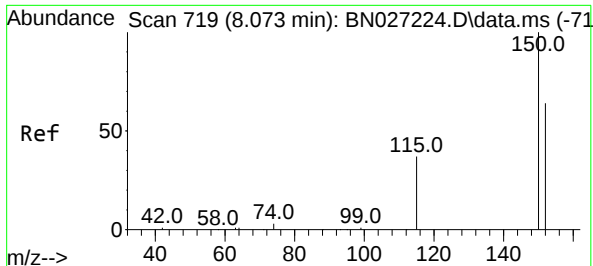
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MW-14A-17.5-083023

Quant Time: Sep 12 01:30:17 2023
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Response via : Initial Calibration

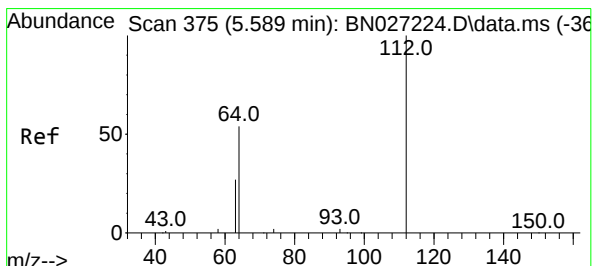
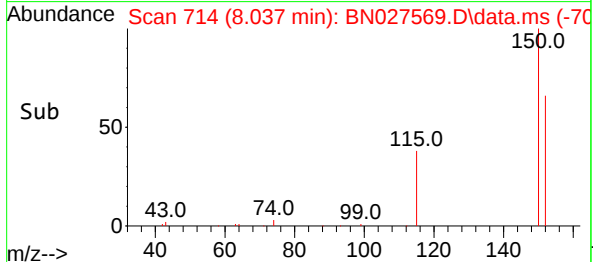
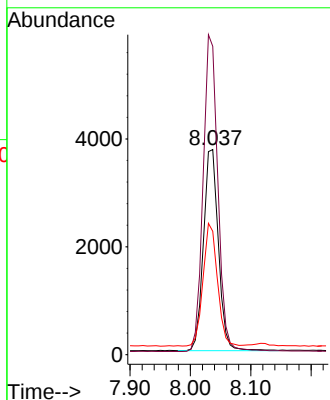
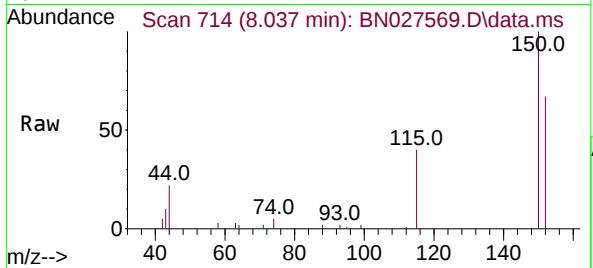




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.037 min Scan# 719
Delta R.T. 0.000 min
Lab File: BN027569.D
Acq: 11 Sep 2023 09:50

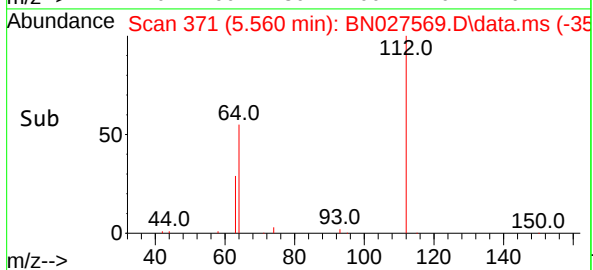
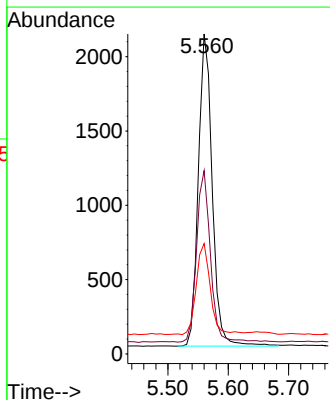
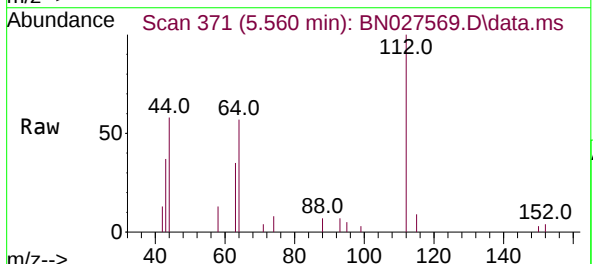
Instrument :
BNA_N
ClientSampleId :
MW-14A-17.5-083023

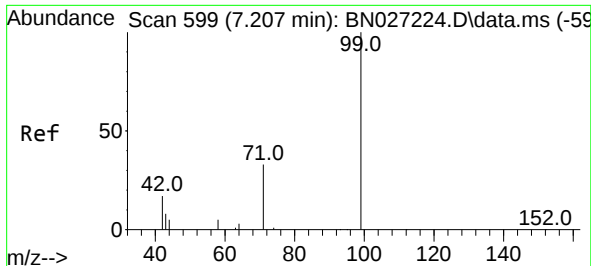
Tgt Ion:152 Resp: 6418
Ion Ratio Lower Upper
152 100
150 150.4 122.7 184.1
115 60.1 48.6 73.0



#4
2-Fluorophenol
Concen: 0.201 ng
RT: 5.560 min Scan# 371
Delta R.T. -0.000 min
Lab File: BN027569.D
Acq: 11 Sep 2023 09:50

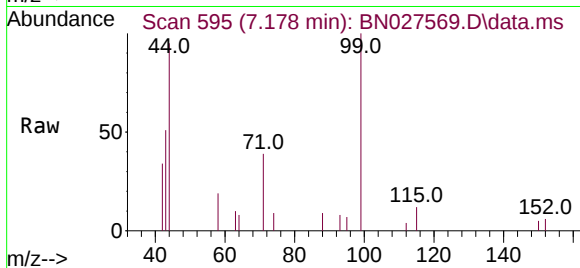
Tgt Ion:112 Resp: 3358
Ion Ratio Lower Upper
112 100
64 54.9 44.4 66.6
63 29.4 23.1 34.7



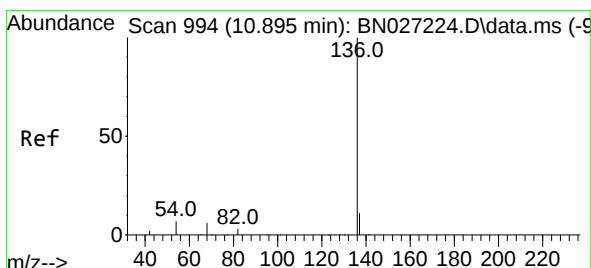
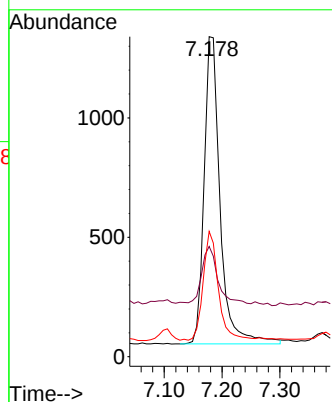
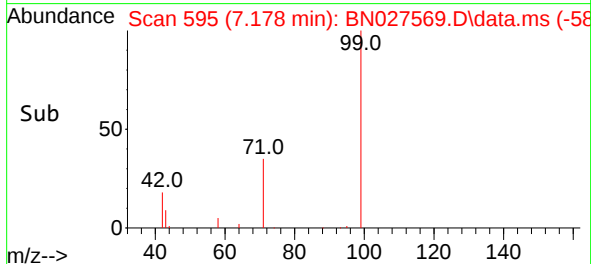


#5
Phenol-d6
Concen: 0.122 ng
RT: 7.178 min Scan# 599
Delta R.T. -0.000 min
Lab File: BN027569.D
Acq: 11 Sep 2023 09:50

Instrument :
BNA_N
ClientSampleId :
MW-14A-17.5-083023

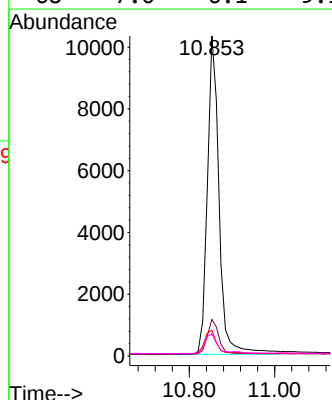
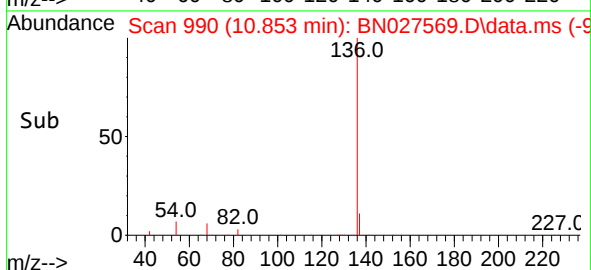
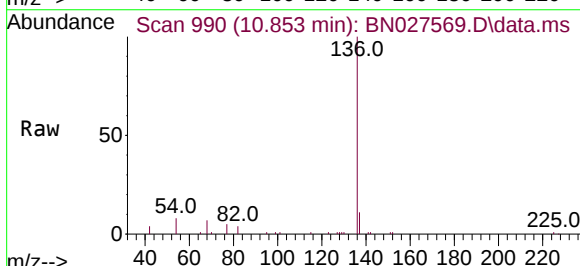


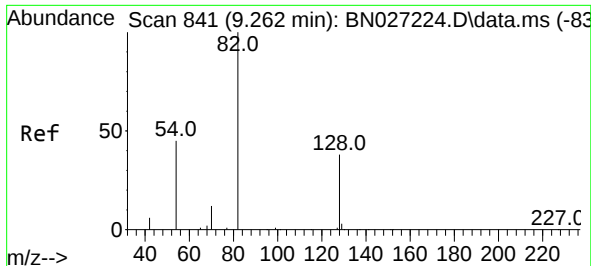
Tgt Ion:	99	Resp:	2478
Ion	Ratio	Lower	Upper
99	100		
42	18.3	14.5	21.7
71	33.6	25.8	38.6



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.853 min Scan# 990
Delta R.T. -0.000 min
Lab File: BN027569.D
Acq: 11 Sep 2023 09:50

Tgt Ion:	136	Resp:	19633
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.3	13.9
54	8.0	6.7	10.1
68	7.0	6.1	9.1

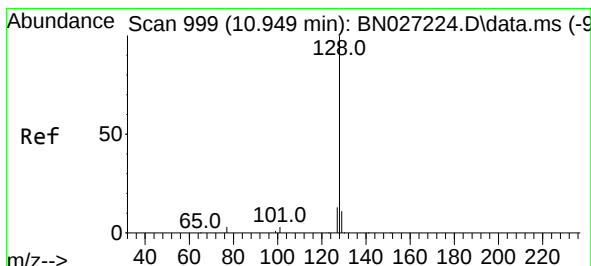
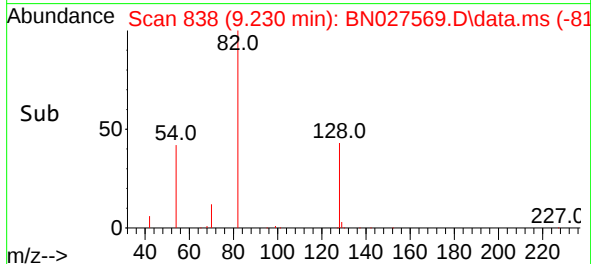
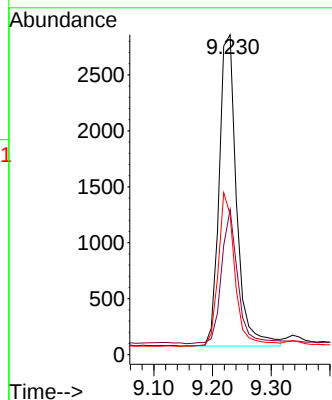
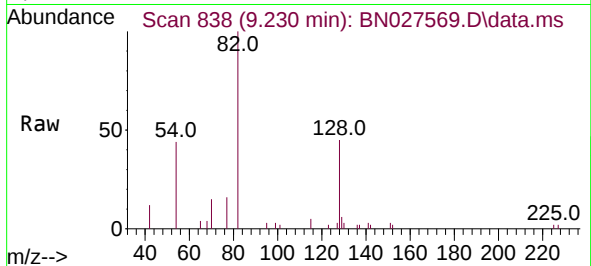




#8
Nitrobenzene-d5
Concen: 0.400 ng
RT: 9.230 min Scan# 81
Delta R.T. 0.011 min
Lab File: BN027569.D
Acq: 11 Sep 2023 09:50

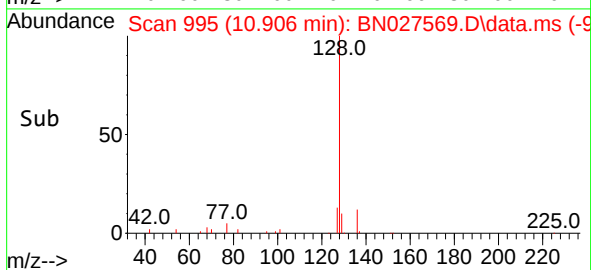
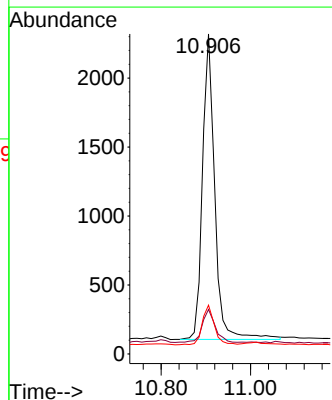
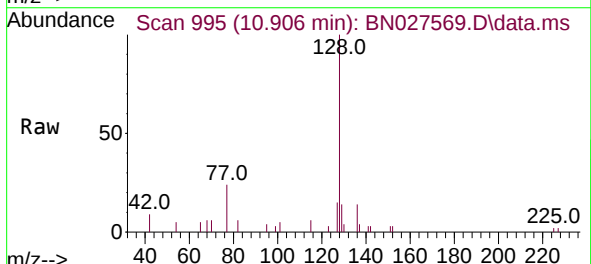
Instrument :
BNA_N
ClientSampleId :
MW-14A-17.5-083023

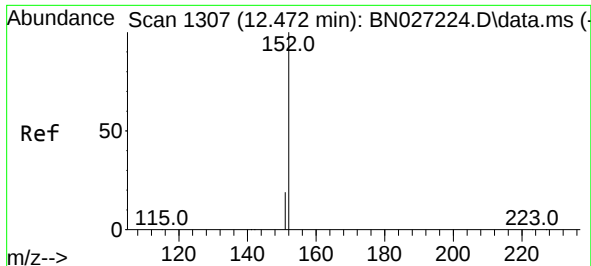
Tgt Ion: 82 Resp: 5726
Ion Ratio Lower Upper
82 100
128 45.3 33.4 50.0
54 43.8 37.7 56.5



#9
Naphthalene
Concen: 0.079 ng
RT: 10.906 min Scan# 995
Delta R.T. -0.000 min
Lab File: BN027569.D
Acq: 11 Sep 2023 09:50

Tgt Ion: 128 Resp: 4208
Ion Ratio Lower Upper
128 100
129 13.9 9.4 14.0
127 15.2 10.6 15.8





#11

2-Methylnaphthalene-d10

Concen: 0.398 ng

RT: 12.430 min Scan# 11

Delta R.T. -0.000 min

Lab File: BN027569.D

Acq: 11 Sep 2023 09:50

Instrument :

BNA_N

ClientSampleId :

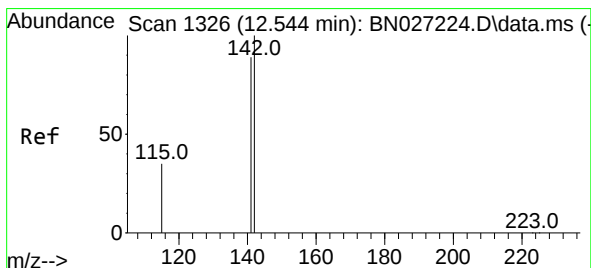
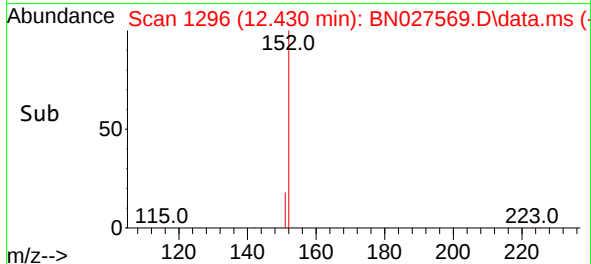
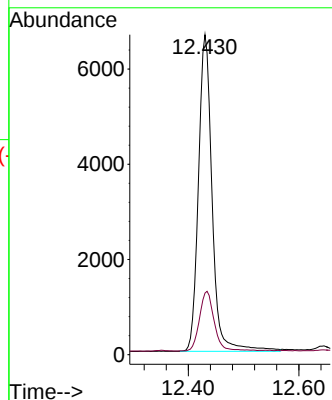
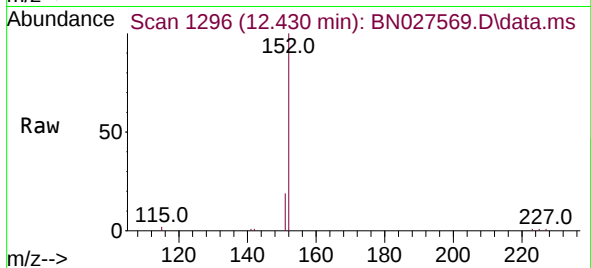
MW-14A-17.5-083023

Tgt Ion:152 Resp: 11487

Ion Ratio Lower Upper

152 100

151 20.3 16.6 25.0



#12

2-Methylnaphthalene

Concen: 0.140 ng

RT: 12.502 min Scan# 1315

Delta R.T. -0.004 min

Lab File: BN027569.D

Acq: 11 Sep 2023 09:50

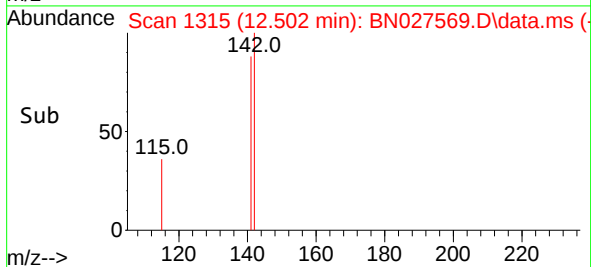
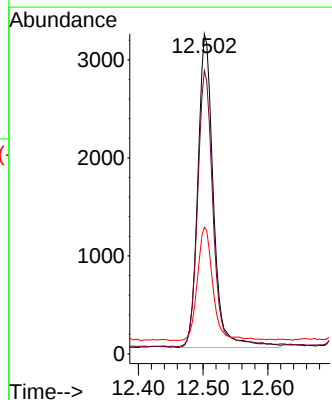
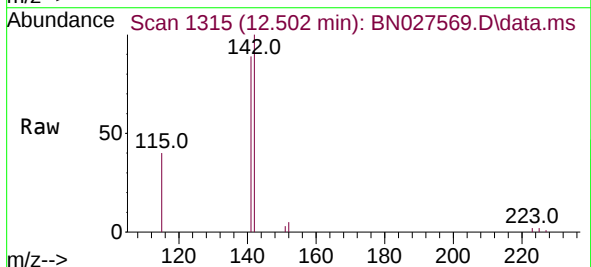
Tgt Ion:142 Resp: 5349

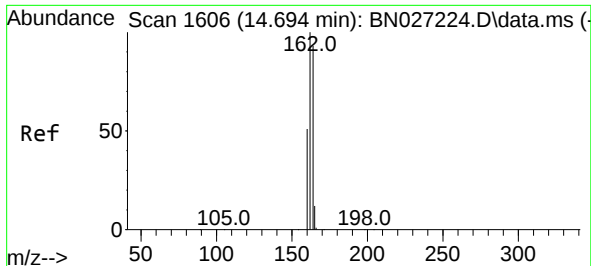
Ion Ratio Lower Upper

142 100

141 88.5 71.1 106.7

115 39.6 29.6 44.4

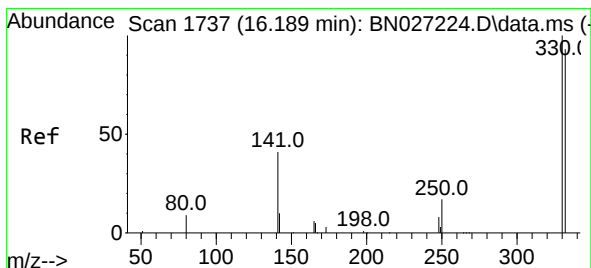
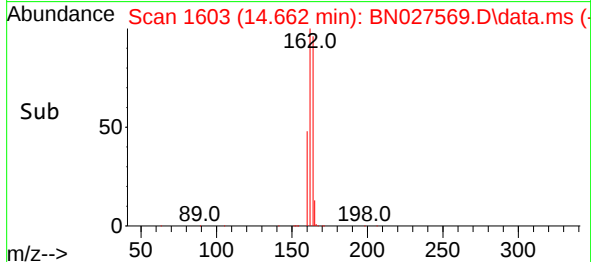
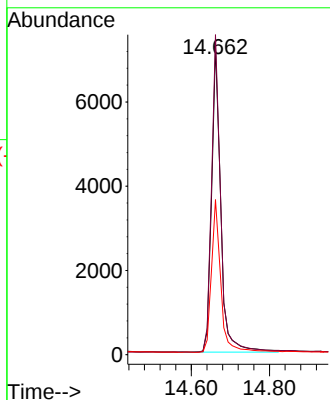
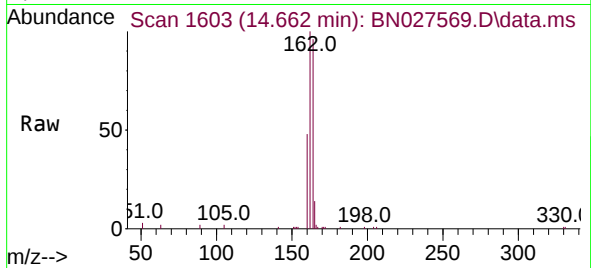




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.662 min Scan# 1603
Delta R.T. -0.000 min
Lab File: BN027569.D
Acq: 11 Sep 2023 09:50

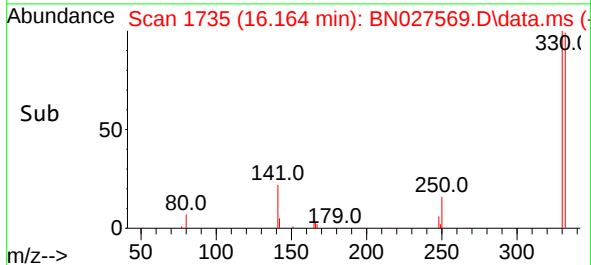
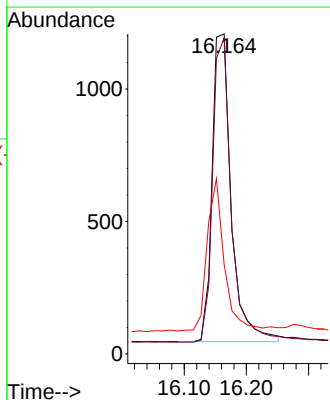
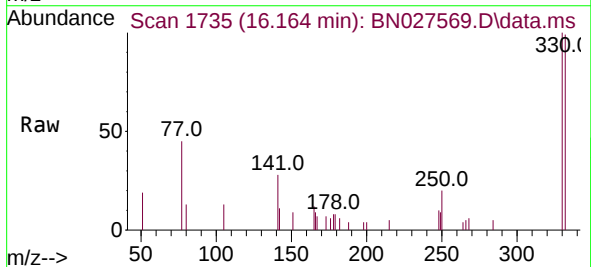
Instrument :
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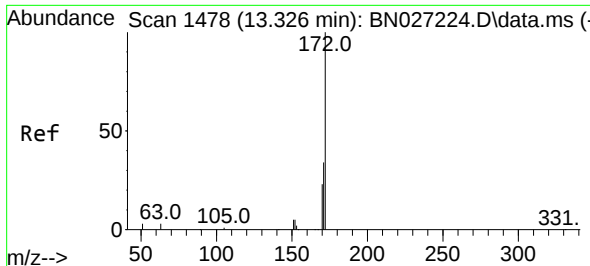
Tgt Ion:164 Resp: 11907
Ion Ratio Lower Upper
164 100
162 104.0 85.8 128.8
160 50.4 44.2 66.2



#14
2,4,6-Tribromophenol
Concen: 0.562 ng
RT: 16.164 min Scan# 1735
Delta R.T. 0.012 min
Lab File: BN027569.D
Acq: 11 Sep 2023 09:50

Tgt Ion:330 Resp: 2476
Ion Ratio Lower Upper
330 100
332 96.7 75.2 112.8
141 44.3 36.2 54.4

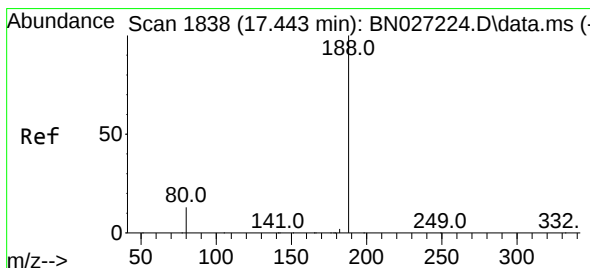
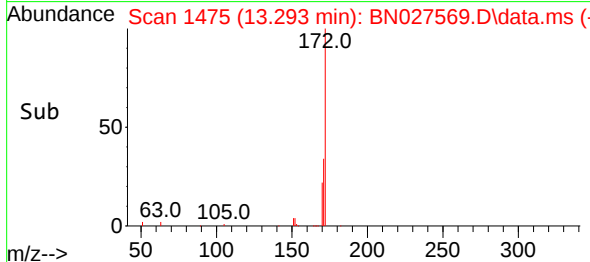
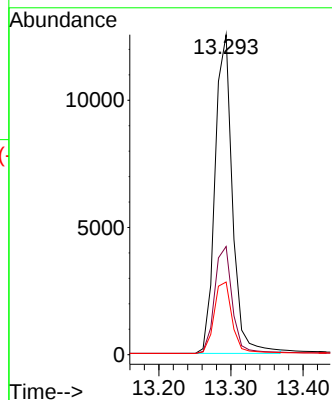
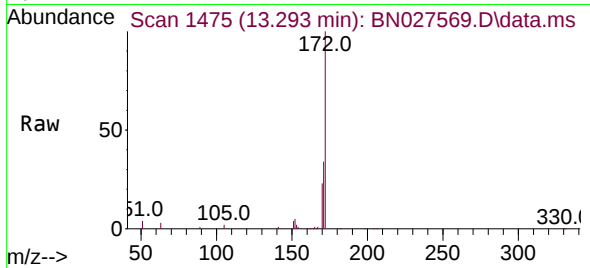




#15
2-Fluorobiphenyl
Concen: 0.463 ng
RT: 13.293 min Scan# 1478
Delta R.T. -0.000 min
Lab File: BN027569.D
Acq: 11 Sep 2023 09:50

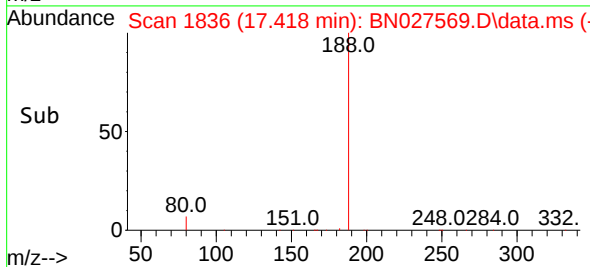
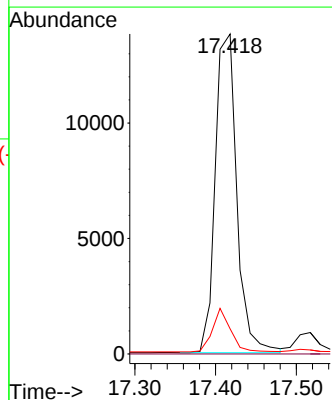
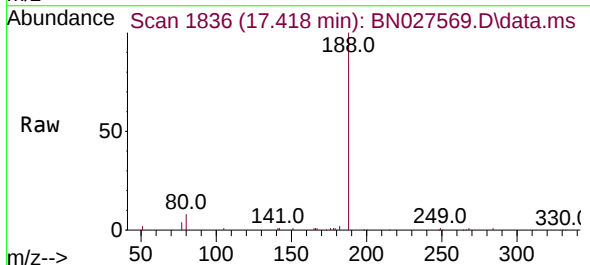
Instrument :
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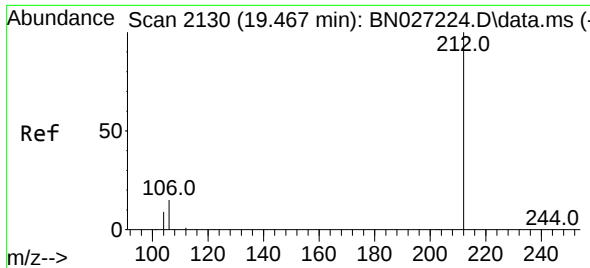
Tgt Ion:172 Resp: 20983
Ion Ratio Lower Upper
172 100
171 33.8 27.8 41.8
170 22.7 19.3 28.9



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.418 min Scan# 1836
Delta R.T. -0.000 min
Lab File: BN027569.D
Acq: 11 Sep 2023 09:50

Tgt Ion:188 Resp: 25581
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.8 11.0 16.6#

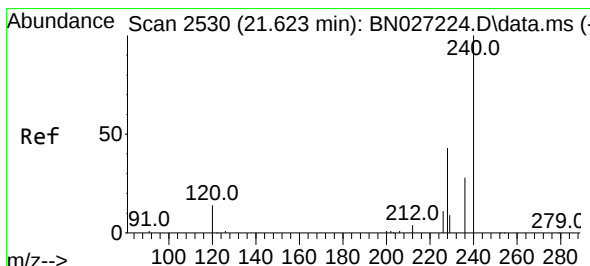
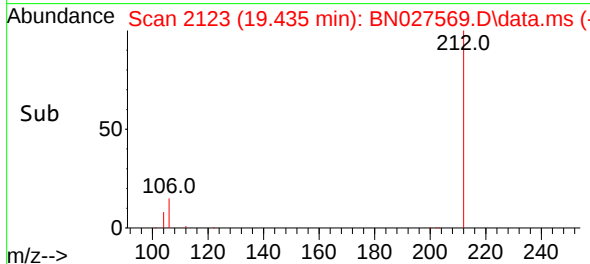
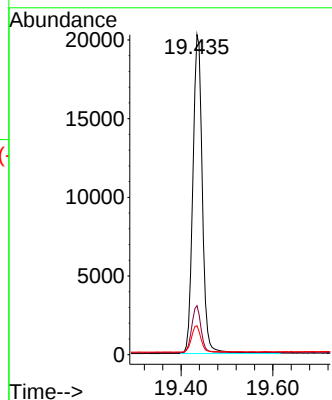
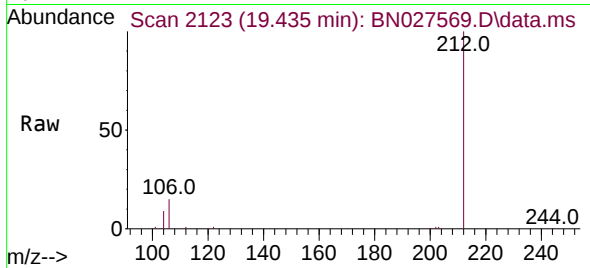




#27
Fluoranthene-d10
Concen: 0.456 ng
RT: 19.435 min Scan# 2112
Delta R.T. -0.000 min
Lab File: BN027569.D
Acq: 11 Sep 2023 09:50

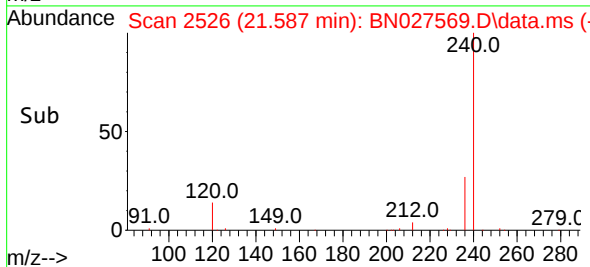
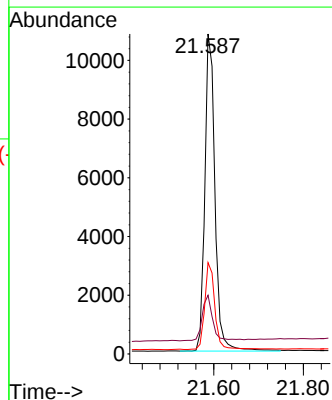
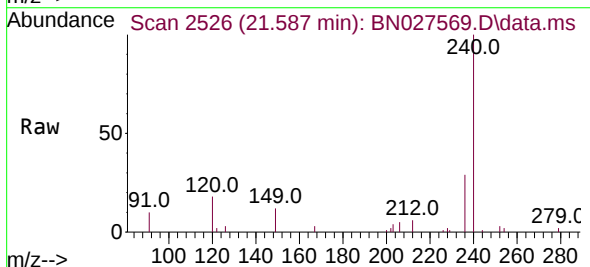
Instrument :
BNA_N
ClientSampleId :
MW-14A-17.5-083023

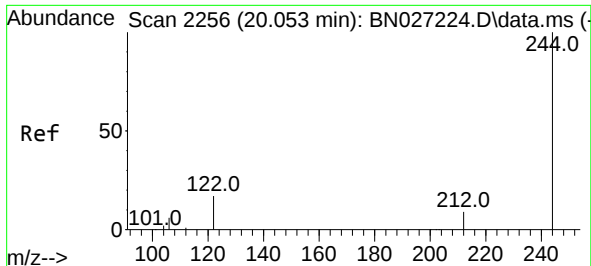
Tgt Ion:212 Resp: 28988
Ion Ratio Lower Upper
212 100
106 14.4 12.1 18.1
104 8.2 6.9 10.3



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.587 min Scan# 2526
Delta R.T. -0.000 min
Lab File: BN027569.D
Acq: 11 Sep 2023 09:50

Tgt Ion:240 Resp: 17058
Ion Ratio Lower Upper
240 100
120 18.3 14.2 21.4
236 28.5 22.9 34.3

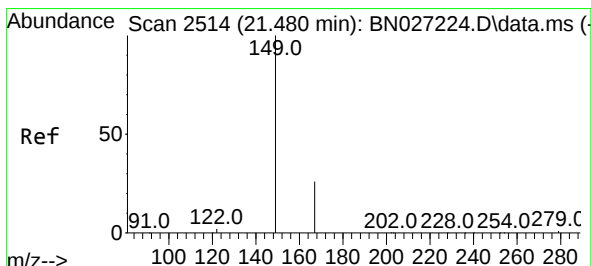
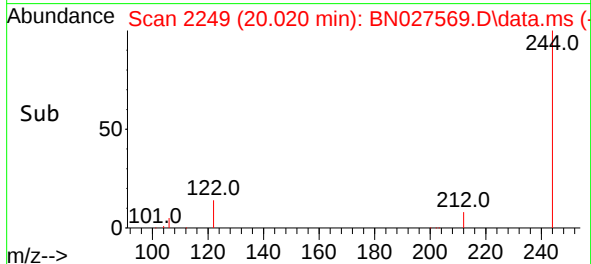
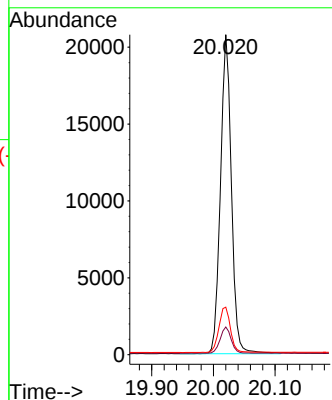
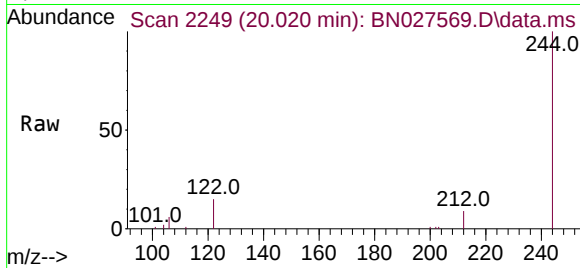




#31
 Terphenyl-d14
 Concen: 0.746 ng
 RT: 20.020 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN027569.D
 Acq: 11 Sep 2023 09:50

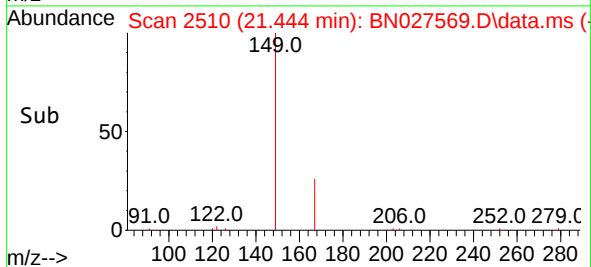
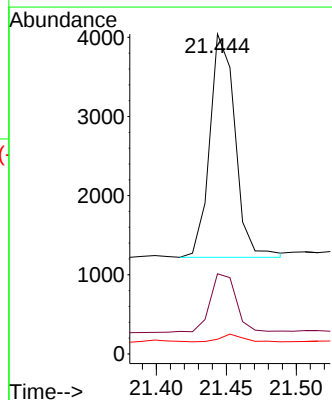
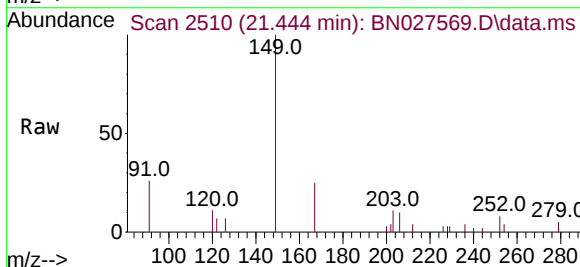
Instrument :
 BNA_N
 ClientSampleId :
 MW-14A-17.5-083023

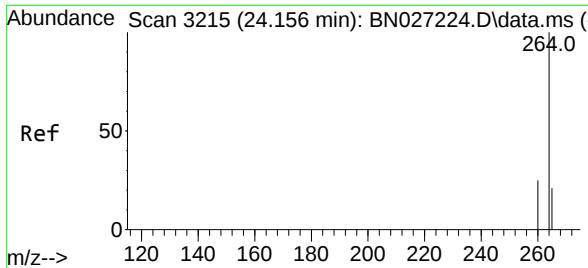
Tgt Ion:244 Resp: 25570
 Ion Ratio Lower Upper
 244 100
 212 8.7 7.5 11.3
 122 14.9 14.0 21.0



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.126 ng
 RT: 21.444 min Scan# 2510
 Delta R.T. -0.000 min
 Lab File: BN027569.D
 Acq: 11 Sep 2023 09:50

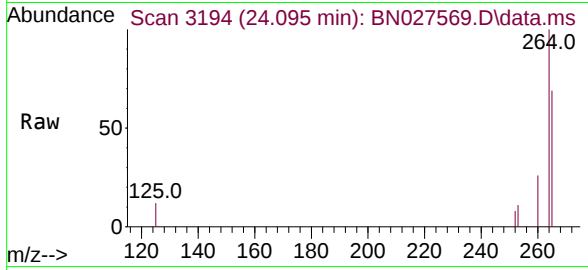
Tgt Ion:149 Resp: 3552
 Ion Ratio Lower Upper
 149 100
 167 28.9 22.1 33.1
 279 3.3 2.7 4.1





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.095 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: BN027569.D
 Acq: 11 Sep 2023 09:50

Instrument :
 BNA_N
 ClientSampleId :
 MW-14A-17.5-083023



Tgt Ion:264 Resp: 14292

Ion	Ratio	Lower	Upper
264	100		
260	26.5	20.7	31.1
265	68.9	53.3	79.9

