

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091123\
 Data File : BN027571.D
 Acq On : 11 Sep 2023 11:04
 Operator : MA/JU
 Sample : 04252-04
 Misc :
 ALS Vial : 82 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-04-12-083023

Quant Time: Sep 12 01:30:49 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)

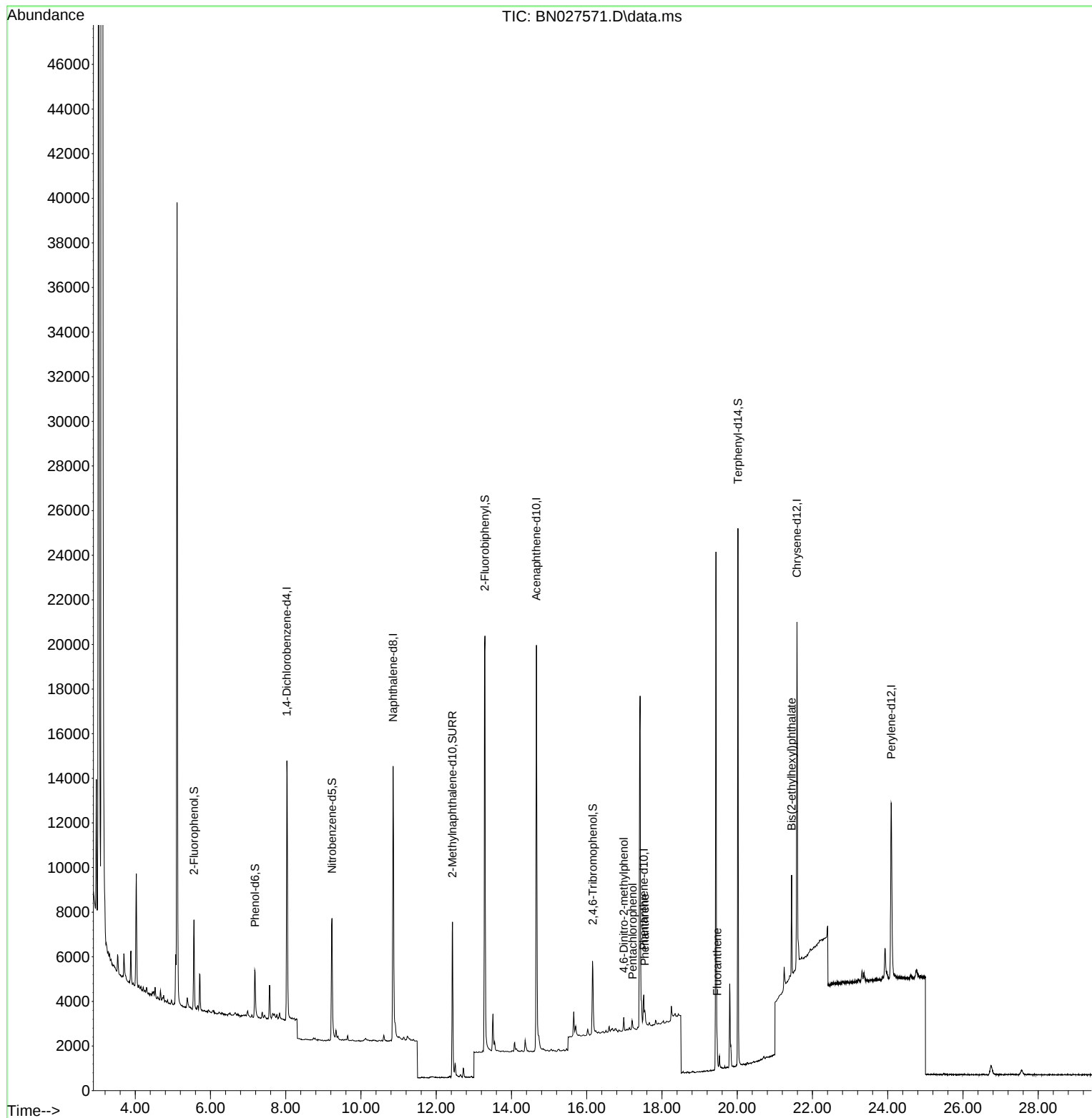
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.030	152	5991	0.400	ng	0.00
7) Naphthalene-d8	10.853	136	18033	0.400	ng	0.00
13) Acenaphthene-d10	14.662	164	11300	0.400	ng	0.00
19) Phenanthrene-d10	17.517	188	2254	0.400	ng	0.10
29) Chrysene-d12	21.587	240	15354	0.400	ng	0.00
35) Perylene-d12	24.095	264	12935	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.560	112	3327	0.213	ng	0.00
5) Phenol-d6	7.185	99	2397	0.126	ng	0.00
8) Nitrobenzene-d5	9.230	82	5385	0.410	ng	0.01
11) 2-Methylnaphthalene-d10	12.430	152	10397	0.393	ng	0.00
14) 2,4,6-Tribromophenol	16.164	330	2258	0.540	ng	0.01
15) 2-Fluorobiphenyl	13.293	172	19055	0.443	ng	0.00
27) Fluoranthene-d10	0.000	212	0	0.000	ng	
31) Terphenyl-d14	20.020	244	23091	0.749	ng	0.00
Target Compounds						
						Qvalue
20) 4,6-Dinitro-2-methylph...	16.983	198	24	0.748	ng	# 84
24) Pentachlorophenol	17.219	266	12	0.022	ng	# 18
25) Phenanthrene	17.542	178	796	0.120	ng	# 95
28) Fluoranthene	19.467	202	884	0.113	ng	95
34) Bis(2-ethylhexyl)phtha...	21.444	149	3862	0.152	ng	99

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

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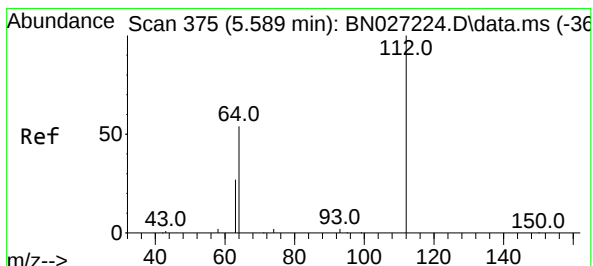
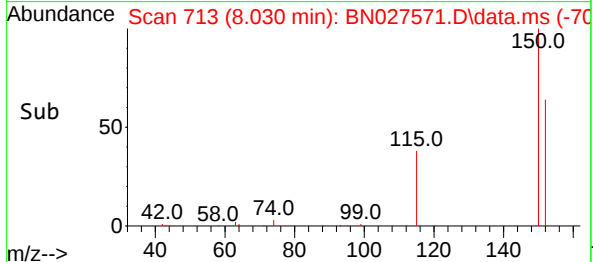
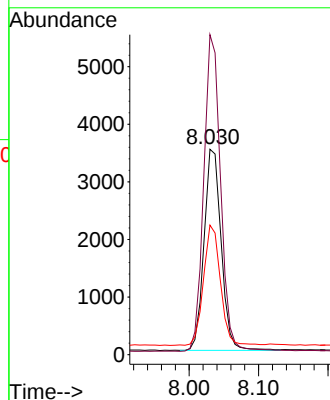
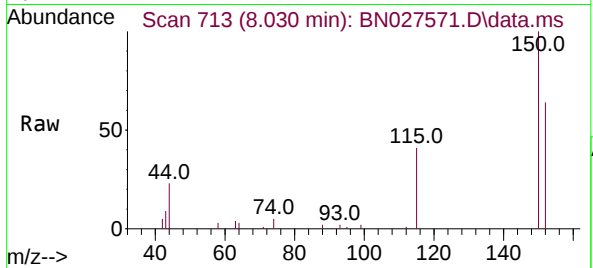




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.030 min Scan# 719
Delta R.T. -0.007 min
Lab File: BN027571.D
Acq: 11 Sep 2023 11:04

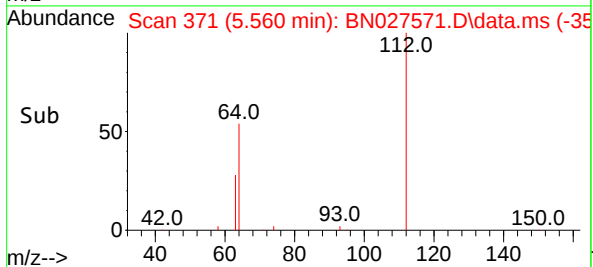
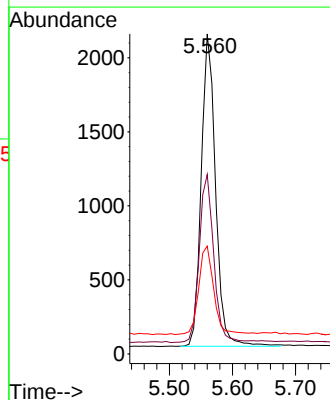
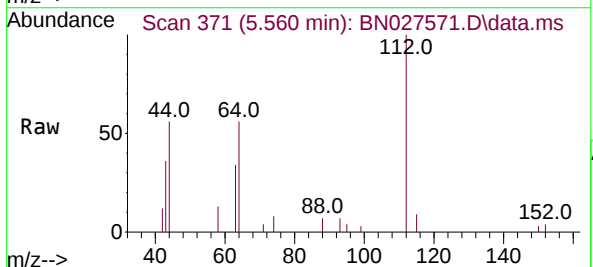
Instrument :
BNA_N
ClientSampleId :
MW-04-12-083023

Tgt Ion:152 Resp: 5991
Ion Ratio Lower Upper
152 100
150 155.7 122.7 184.1
115 63.1 48.6 73.0



#4
2-Fluorophenol
Concen: 0.213 ng
RT: 5.560 min Scan# 371
Delta R.T. 0.000 min
Lab File: BN027571.D
Acq: 11 Sep 2023 11:04

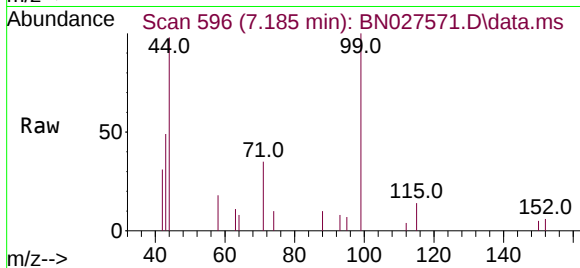
Tgt Ion:112 Resp: 3327
Ion Ratio Lower Upper
112 100
64 54.4 44.4 66.6
63 29.6 23.1 34.7



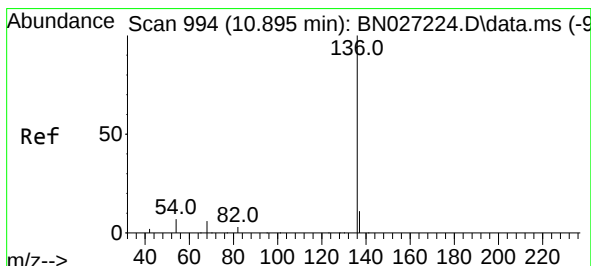
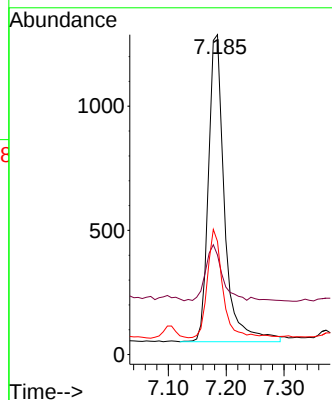
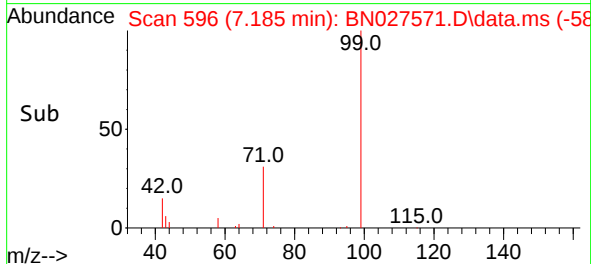


#5
Phenol-d6
Concen: 0.126 ng
RT: 7.185 min Scan# 599
Delta R.T. 0.007 min
Lab File: BN027571.D
Acq: 11 Sep 2023 11:04

Instrument :
BNA_N
ClientSampleId :
MW-04-12-083023

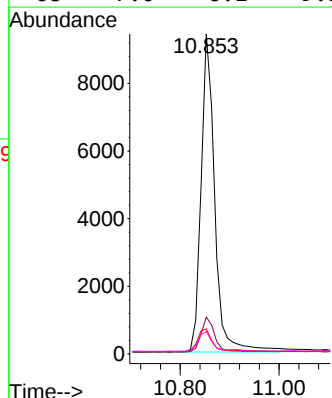
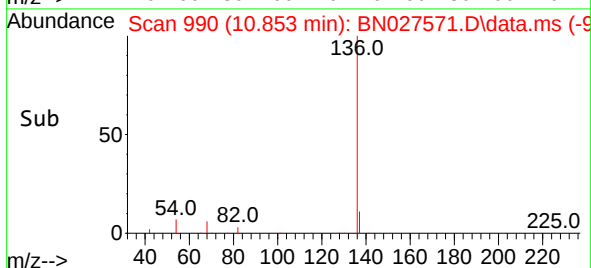
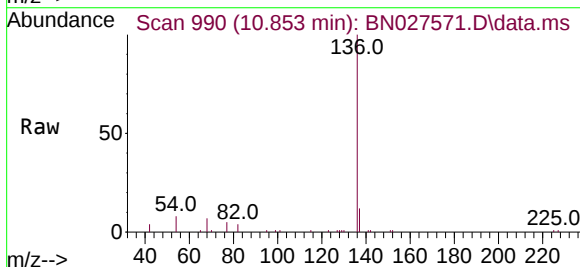


Tgt Ion:	99	Resp:	2397
Ion	Ratio	Lower	Upper
99	100		
42	18.6	14.5	21.7
71	33.8	25.8	38.6



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.853 min Scan# 990
Delta R.T. 0.000 min
Lab File: BN027571.D
Acq: 11 Sep 2023 11:04

Tgt Ion:	136	Resp:	18033
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

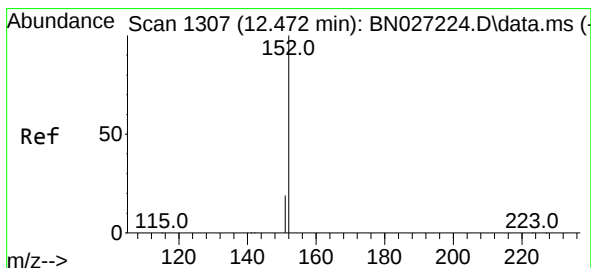
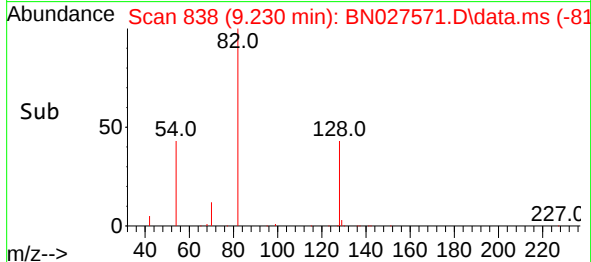
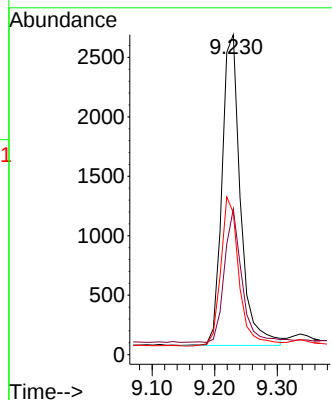
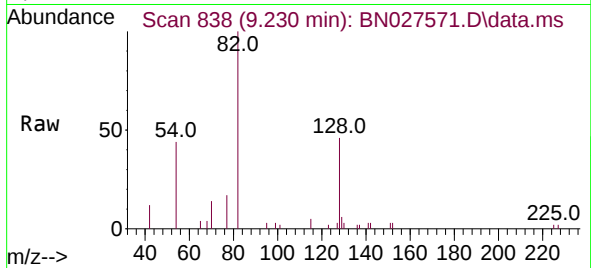




#8
Nitrobenzene-d5
Concen: 0.410 ng
RT: 9.230 min Scan# 81
Delta R.T. 0.011 min
Lab File: BN027571.D
Acq: 11 Sep 2023 11:04

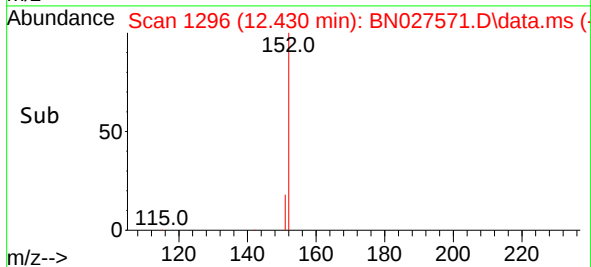
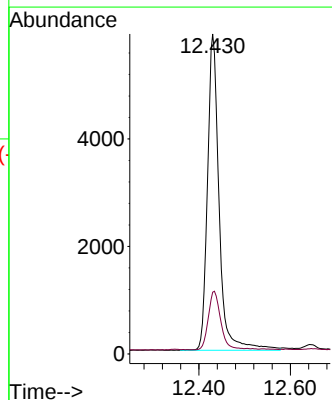
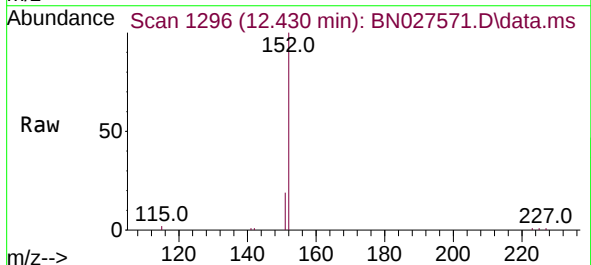
Instrument :
BNA_N
ClientSampleId :
MW-04-12-083023

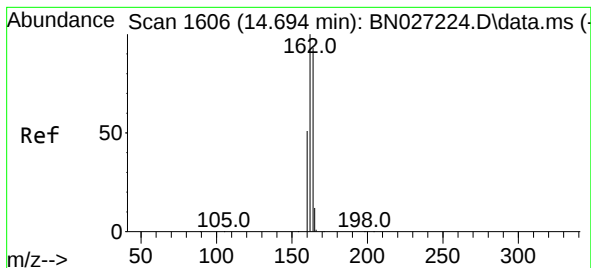
Tgt Ion: 82 Resp: 5385
Ion Ratio Lower Upper
82 100
128 45.5 33.4 50.0
54 44.4 37.7 56.5



#11
2-Methylnaphthalene-d10
Concen: 0.393 ng
RT: 12.430 min Scan# 1296
Delta R.T. 0.000 min
Lab File: BN027571.D
Acq: 11 Sep 2023 11:04

Tgt Ion: 152 Resp: 10397
Ion Ratio Lower Upper
152 100
151 19.8 16.6 25.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.662 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN027571.D

Acq: 11 Sep 2023 11:04

Instrument :

BNA_N

ClientSampleId :

MW-04-12-083023

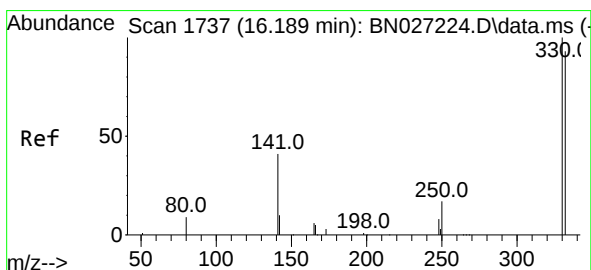
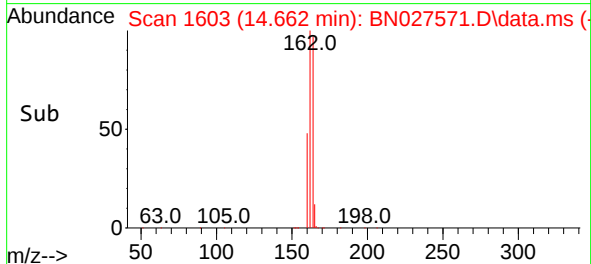
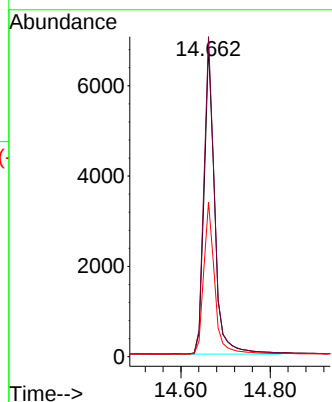
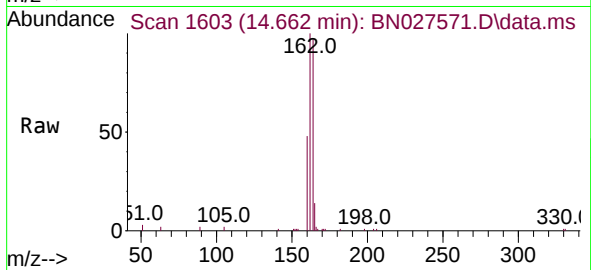
Tgt Ion:164 Resp: 11300

Ion Ratio Lower Upper

164 100

162 103.2 85.8 128.8

160 49.8 44.2 66.2



#14

2,4,6-Tribromophenol

Concen: 0.540 ng

RT: 16.164 min Scan# 1735

Delta R.T. 0.012 min

Lab File: BN027571.D

Acq: 11 Sep 2023 11:04

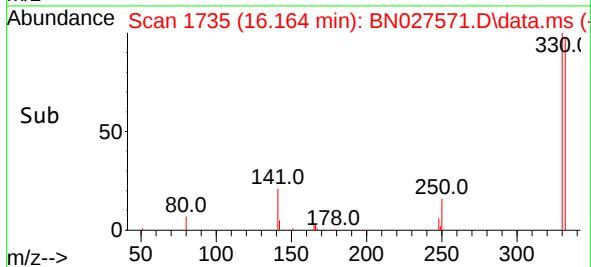
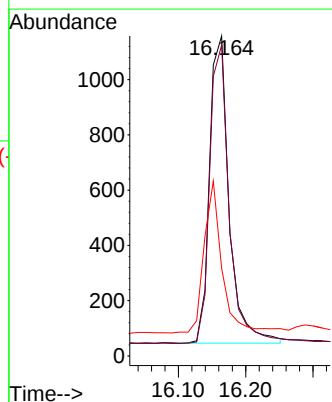
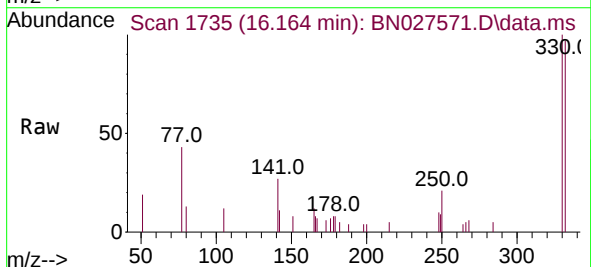
Tgt Ion:330 Resp: 2258

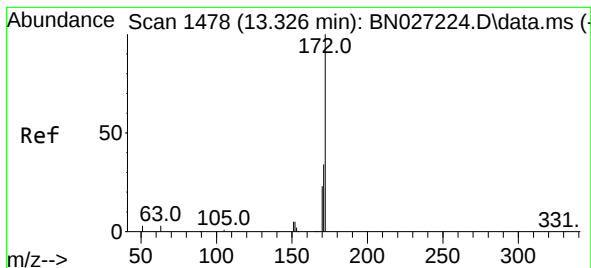
Ion Ratio Lower Upper

330 100

332 96.8 75.2 112.8

141 45.1 36.2 54.4





#15

2-Fluorobiphenyl

Concen: 0.443 ng

RT: 13.293 min Scan# 1478

Delta R.T. 0.000 min

Lab File: BN027571.D

Acq: 11 Sep 2023 11:04

Instrument :

BNA_N

ClientSampleId :

MW-04-12-083023

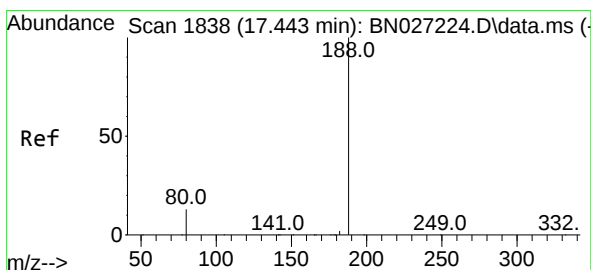
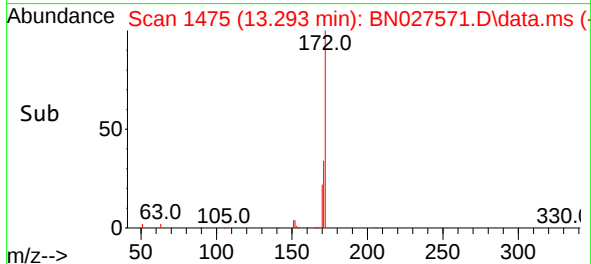
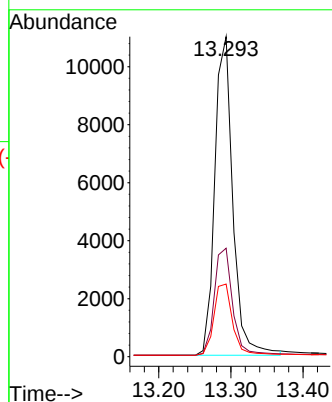
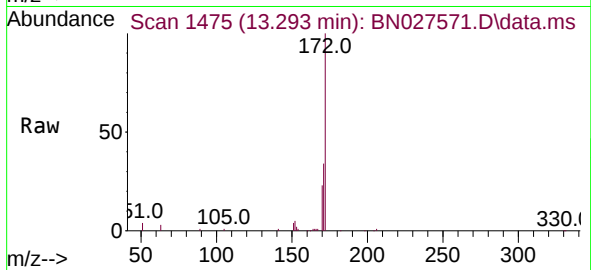
Tgt Ion:172 Resp: 19055

Ion Ratio Lower Upper

172 100

171 33.9 27.8 41.8

170 22.7 19.3 28.9



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.517 min Scan# 1844

Delta R.T. 0.099 min

Lab File: BN027571.D

Acq: 11 Sep 2023 11:04

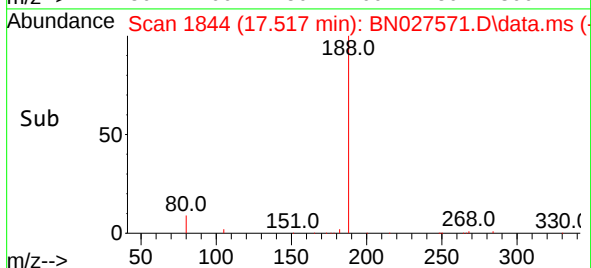
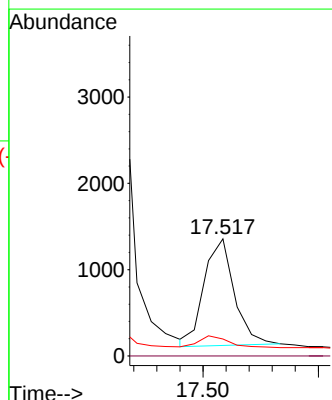
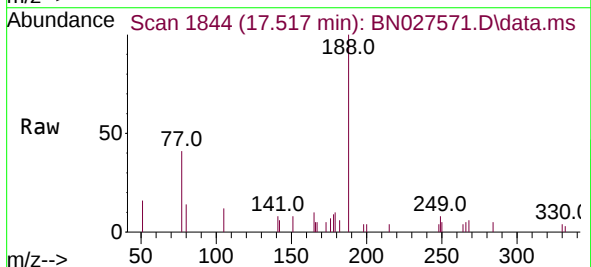
Tgt Ion:188 Resp: 2254

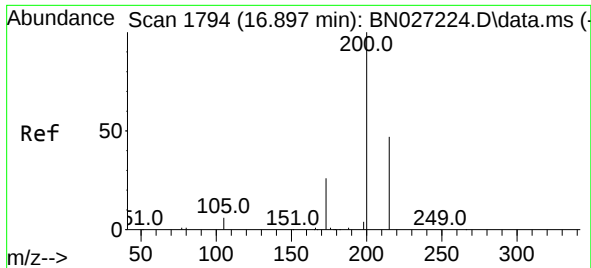
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 14.4 11.0 16.6

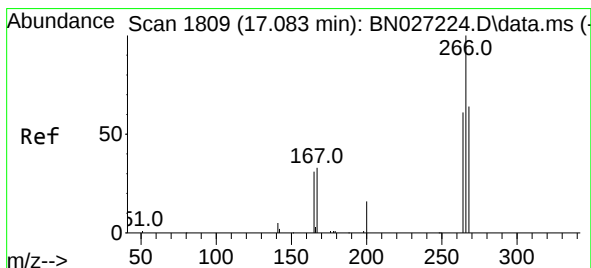
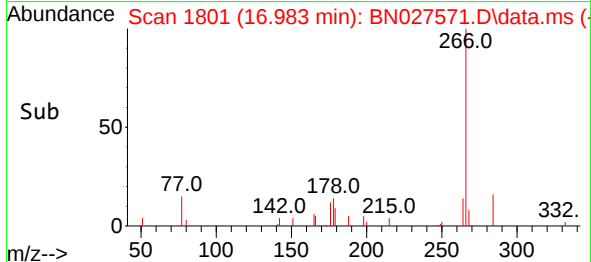
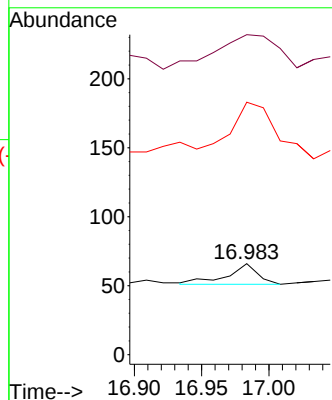
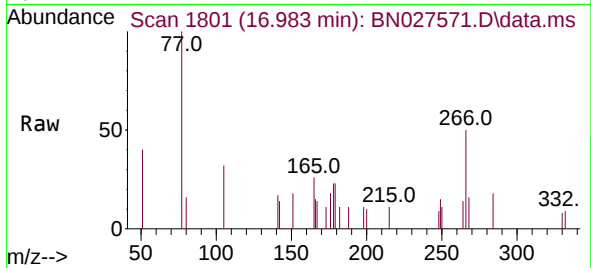




#20
4,6-Dinitro-2-methylphenol
Concen: 0.748 ng
RT: 16.983 min Scan# 1801
Delta R.T. 0.124 min
Lab File: BN027571.D
Acq: 11 Sep 2023 11:04

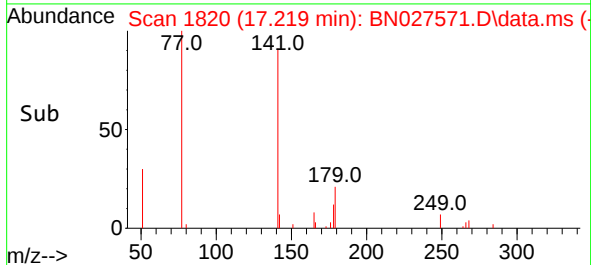
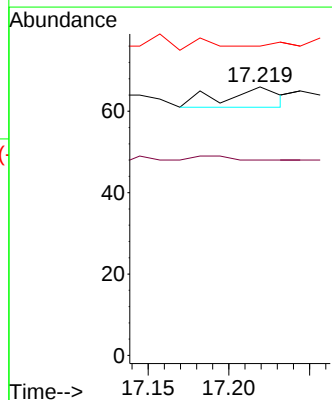
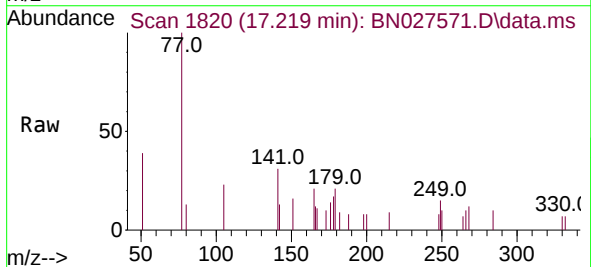
Instrument :
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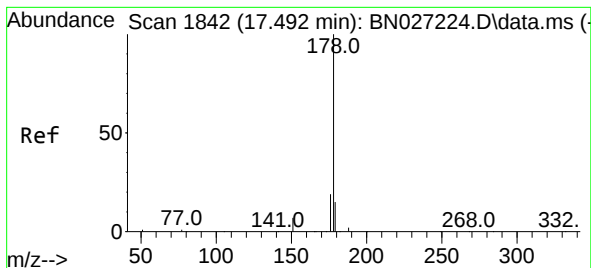
Tgt Ion:198 Resp: 24
Ion Ratio Lower Upper
198 100
51 351.5 282.2 423.2
105 277.3 168.7 253.1#



#24
Pentachlorophenol
Concen: 0.022 ng
RT: 17.219 min Scan# 1820
Delta R.T. 0.174 min
Lab File: BN027571.D
Acq: 11 Sep 2023 11:04

Tgt Ion:266 Resp: 12
Ion Ratio Lower Upper
266 100
264 0.0 50.3 75.5#
268 0.0 52.0 78.0#





#25

Phenanthrene

Concen: 0.120 ng

RT: 17.542 min Scan# 11

Delta R.T. 0.087 min

Lab File: BN027571.D

Acq: 11 Sep 2023 11:04

Instrument :

BNA_N

ClientSampleId :

MW-04-12-083023

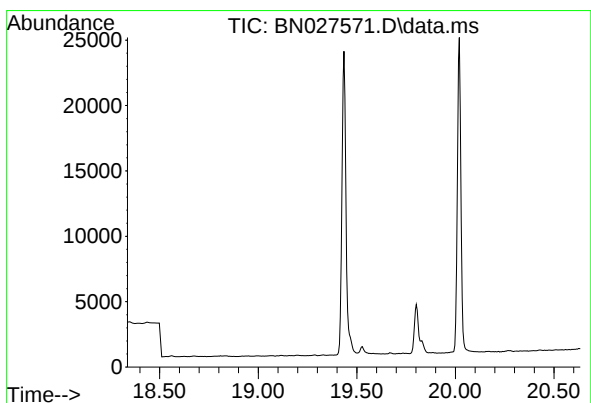
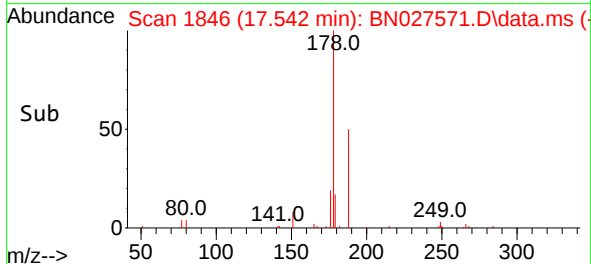
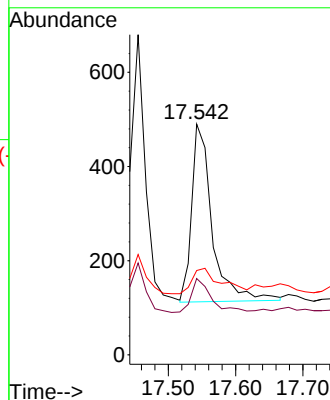
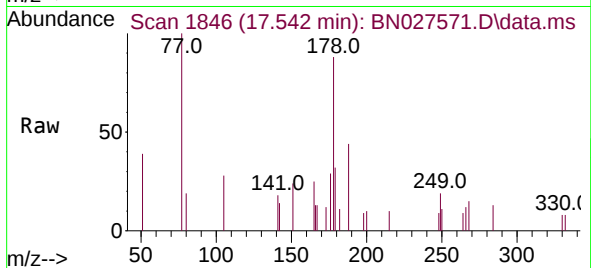
Tgt Ion:178 Resp: 796

Ion Ratio Lower Upper

178 100

176 19.3 15.6 23.4

179 19.8 12.3 18.5#



#27

Fluoranthene-d10

Concen: 0.000 ng

Expected RT: 19.43 min

Lab File: BN027571.D

Acq: 11 Sep 2023 11:04

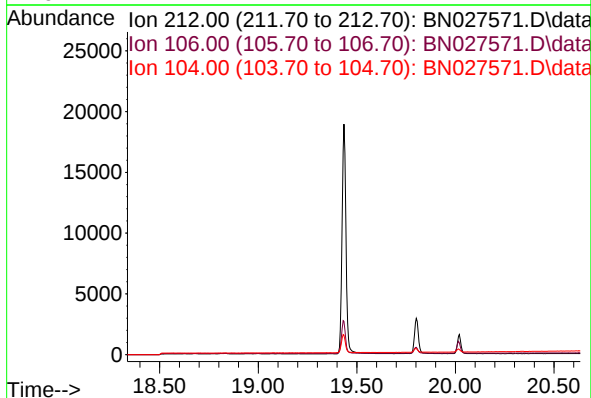
Tgt Ion: 212

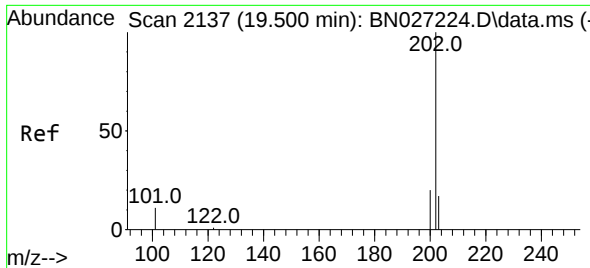
Sig Exp Ratio

212 100

106 15.1

104 8.6

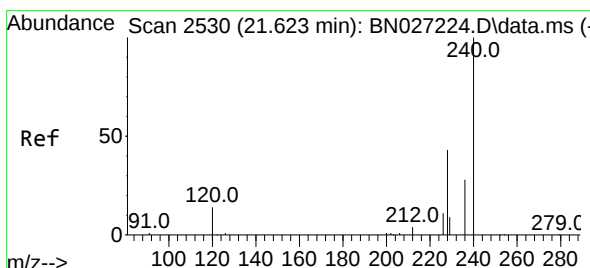
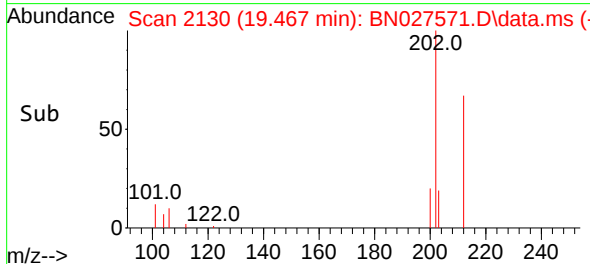
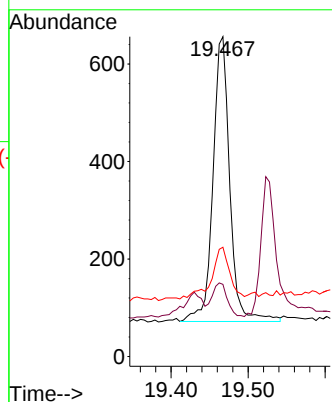
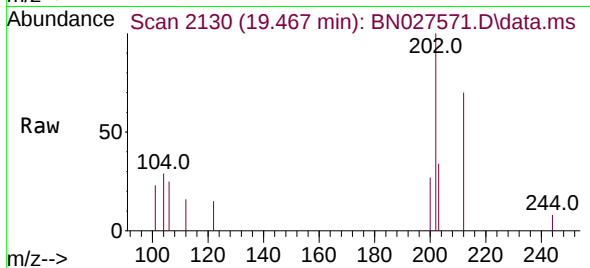




#28
Fluoranthene
Concen: 0.113 ng
RT: 19.467 min Scan# 2130
Delta R.T. 0.000 min
Lab File: BN027571.D
Acq: 11 Sep 2023 11:04

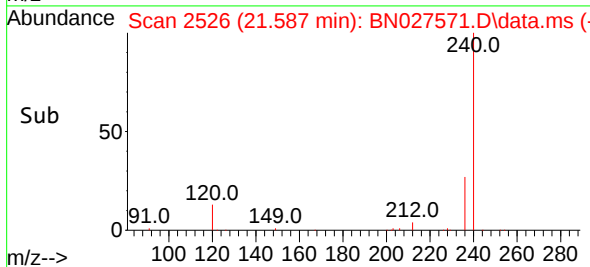
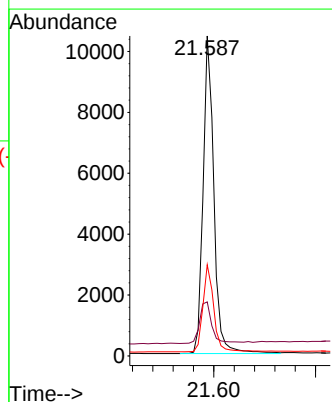
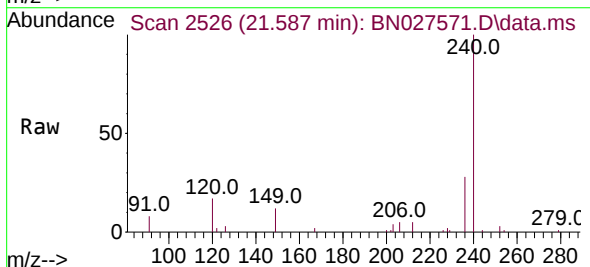
Instrument :
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MW-04-12-083023

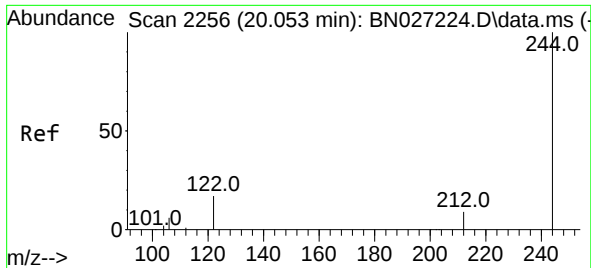
Tgt Ion:202 Resp: 884
Ion Ratio Lower Upper
202 100
101 10.7 9.6 14.4
203 19.8 13.6 20.4



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.587 min Scan# 2526
Delta R.T. 0.000 min
Lab File: BN027571.D
Acq: 11 Sep 2023 11:04

Tgt Ion:240 Resp: 15354
Ion Ratio Lower Upper
240 100
120 16.9 14.2 21.4
236 28.5 22.9 34.3

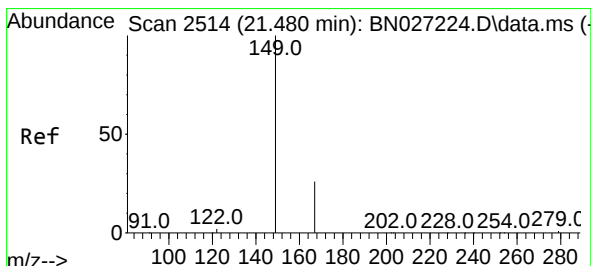
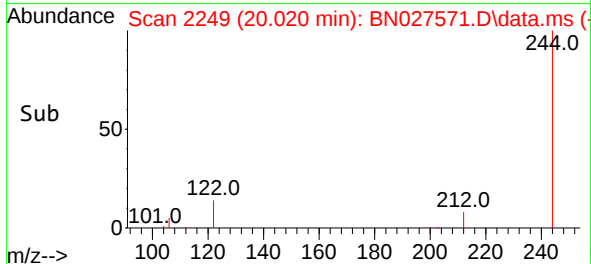
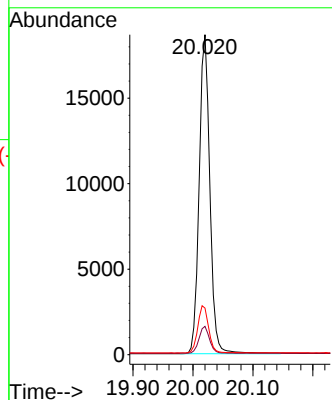
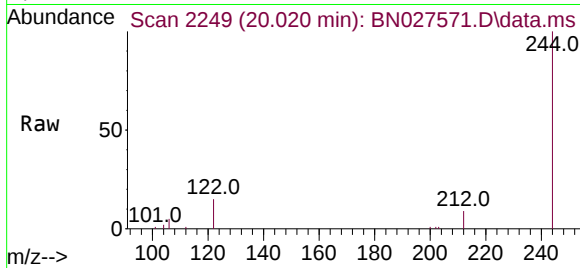




#31
 Terphenyl-d14
 Concen: 0.749 ng
 RT: 20.020 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN027571.D
 Acq: 11 Sep 2023 11:04

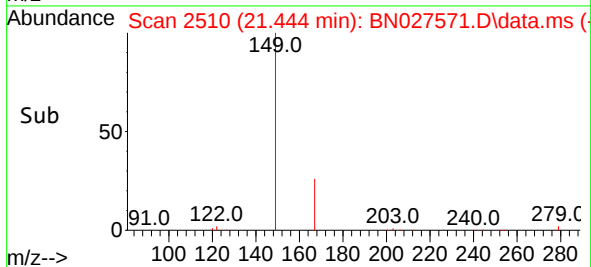
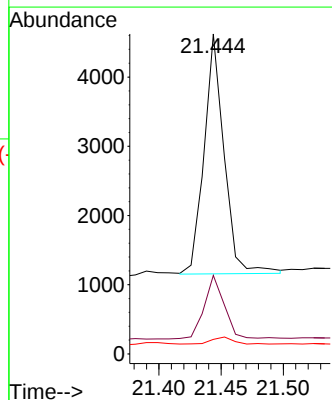
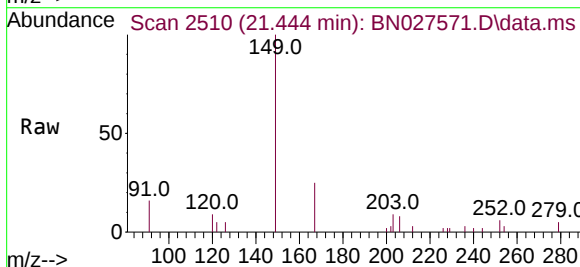
Instrument :
 BNA_N
 ClientSampleId :
 MW-04-12-083023

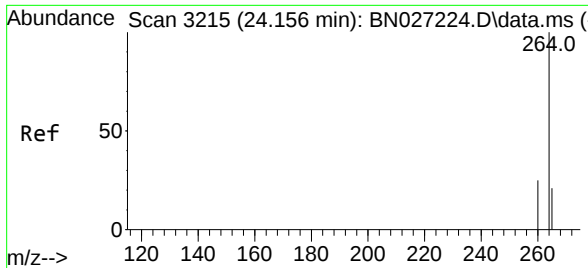
Tgt Ion:244 Resp: 23091
 Ion Ratio Lower Upper
 244 100
 212 8.9 7.5 11.3
 122 14.5 14.0 21.0



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.152 ng
 RT: 21.444 min Scan# 2510
 Delta R.T. 0.000 min
 Lab File: BN027571.D
 Acq: 11 Sep 2023 11:04

Tgt Ion:149 Resp: 3862
 Ion Ratio Lower Upper
 149 100
 167 27.0 22.1 33.1
 279 3.4 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: BN027571.D
 Acq: 11 Sep 2023 11:04

Instrument :
 BNA_N
 ClientSampleId :
 MW-04-12-083023

Tgt Ion:	264	Resp:	12935
Ion	Ratio	Lower	Upper
264	100		
260	26.1	20.7	31.1
265	75.0	53.3	79.9

