

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091123\
 Data File : BN027568.D
 Acq On : 11 Sep 2023 09:13
 Operator : MA/JU
 Sample : 04252-01
 Misc :
 ALS Vial : 79 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-06-9.1-083023

Quant Time: Sep 12 01:30:02 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)

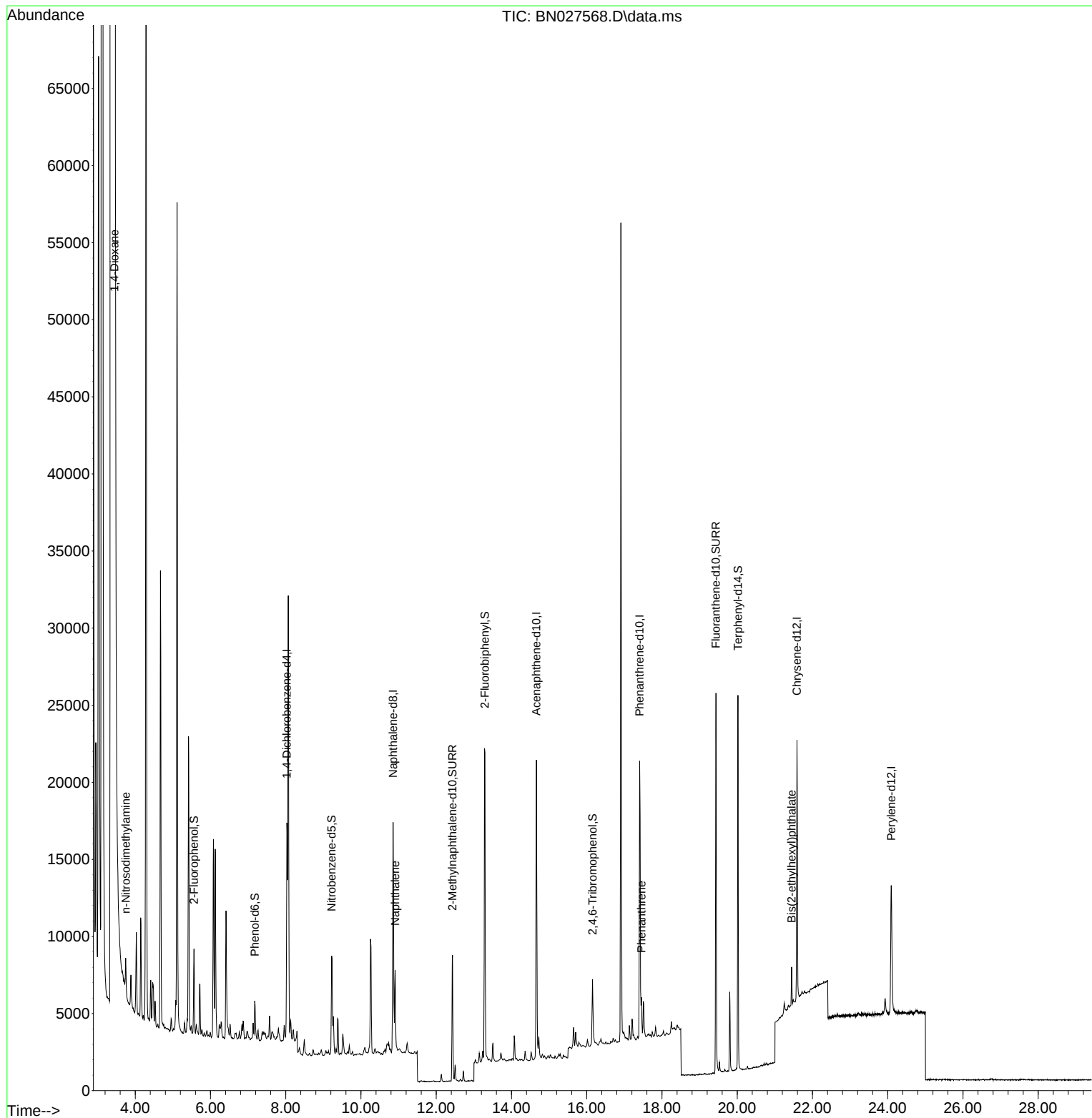
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.030	152	6647	0.400	ng	0.00
7) Naphthalene-d8	10.853	136	20064	0.400	ng	0.00
13) Acenaphthene-d10	14.662	164	12052	0.400	ng	0.00
19) Phenanthrene-d10	17.406	188	26593	0.400	ng	-0.01
29) Chrysene-d12	21.587	240	16552	0.400	ng	0.00
35) Perylene-d12	24.095	264	13889	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.560	112	3615	0.209	ng	0.00
5) Phenol-d6	7.178	99	2459	0.117	ng	0.00
8) Nitrobenzene-d5	9.219	82	6723	0.460	ng	0.00
11) 2-Methylnaphthalene-d10	12.430	152	11387	0.386	ng	0.00
14) 2,4,6-Tribromophenol	16.152	330	2569	0.576	ng	0.00
15) 2-Fluorobiphenyl	13.294	172	20282	0.443	ng	0.00
27) Fluoranthene-d10	19.435	212	27495	0.416	ng	0.00
31) Terphenyl-d14	20.020	244	24010	0.722	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.444	88	8528	1.051	ng	# 65
3) n-Nitrosodimethylamine	3.747	42	242	0.028	ng	# 1
9) Naphthalene	10.906	128	6140	0.112	ng	97
25) Phenanthrene	17.455	178	2468	0.032	ng	# 96
34) Bis(2-ethylhexyl)phtha...	21.444	149	2403	0.088	ng	95

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

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MW-06-9.1-083023

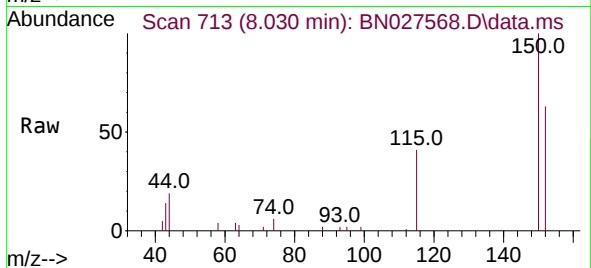
Quant Time: Sep 12 01:30:02 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
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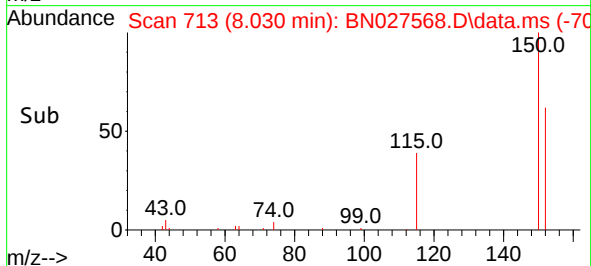
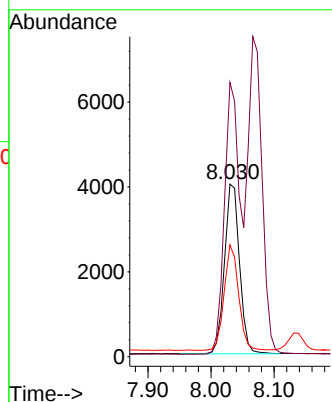


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.030 min Scan# 71
Delta R.T. -0.007 min
Lab File: BN027568.D
Acq: 11 Sep 2023 09:13

Instrument :
BNA_N
ClientSampleId :
MW-06-9.1-083023

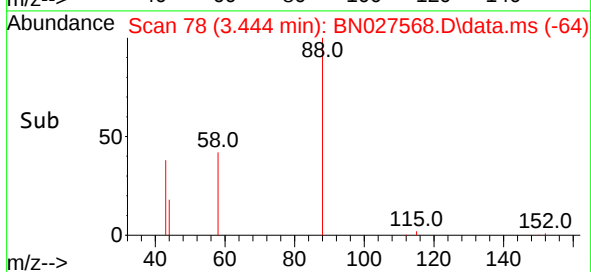
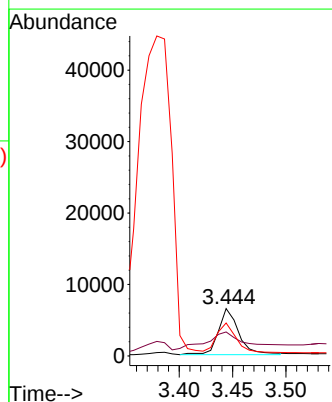
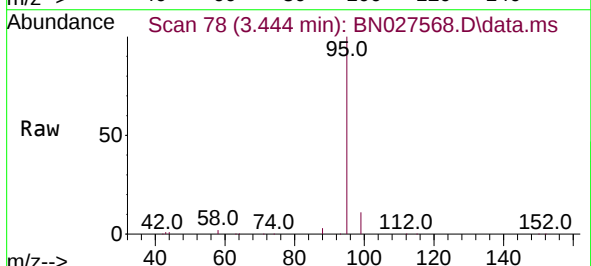


Tgt Ion:152 Resp: 6647
Ion Ratio Lower Upper
152 100
150 158.9 122.7 184.1
115 64.8 48.6 73.0



#2
1,4-Dioxane
Concen: 1.051 ng
RT: 3.444 min Scan# 78
Delta R.T. 0.000 min
Lab File: BN027568.D
Acq: 11 Sep 2023 09:13

Tgt Ion: 88 Resp: 8528
Ion Ratio Lower Upper
88 100
43 76.8 19.1 28.7#
58 58.7 52.2 78.2

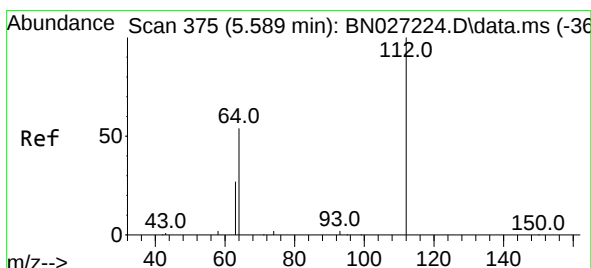
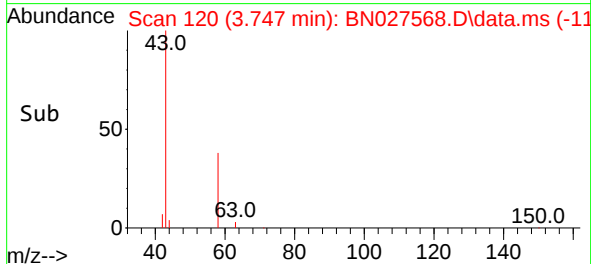
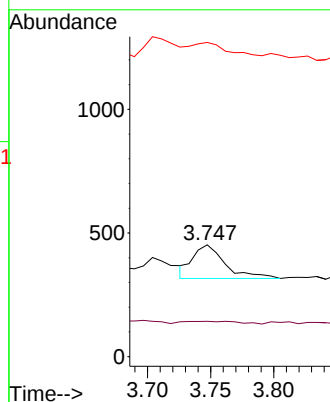
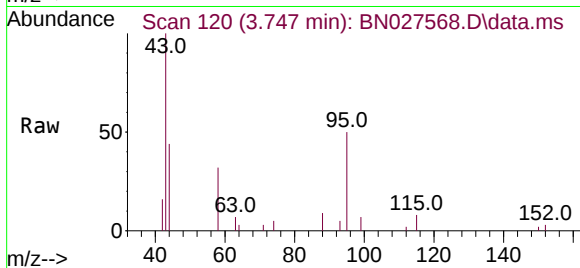




#3
n-Nitrosodimethylamine
Concen: 0.028 ng
RT: 3.747 min Scan# 11
Delta R.T. -0.043 min
Lab File: BN027568.D
Acq: 11 Sep 2023 09:13

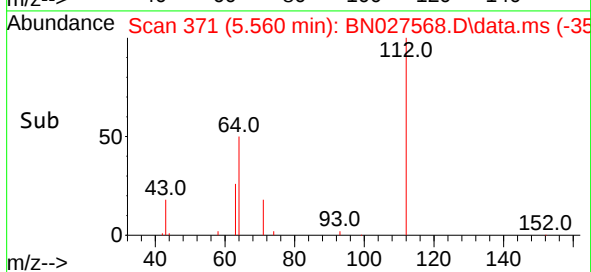
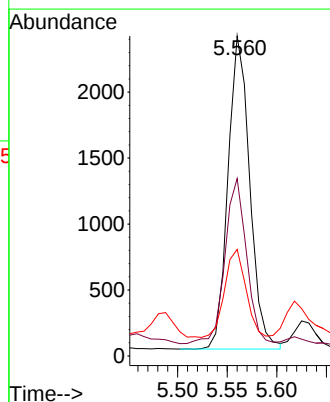
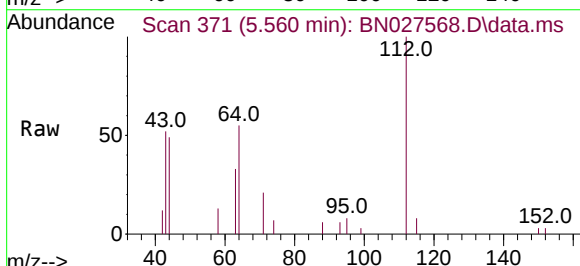
Instrument :
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ClientSampleId :
MW-06-9.1-083023

Tgt Ion: 42 Resp: 242
Ion Ratio Lower Upper
42 100
74 13.6 113.8 170.8#
44 34.7 7.3 10.9#



#4
2-Fluorophenol
Concen: 0.209 ng
RT: 5.560 min Scan# 371
Delta R.T. 0.000 min
Lab File: BN027568.D
Acq: 11 Sep 2023 09:13

Tgt Ion: 112 Resp: 3615
Ion Ratio Lower Upper
112 100
64 52.8 44.4 66.6
63 27.4 23.1 34.7

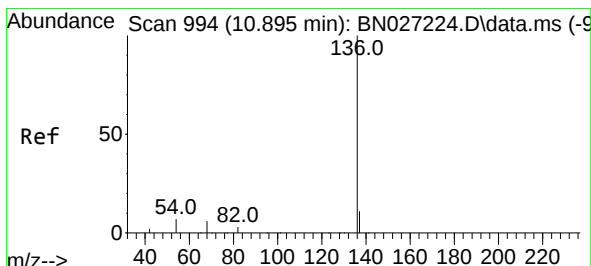
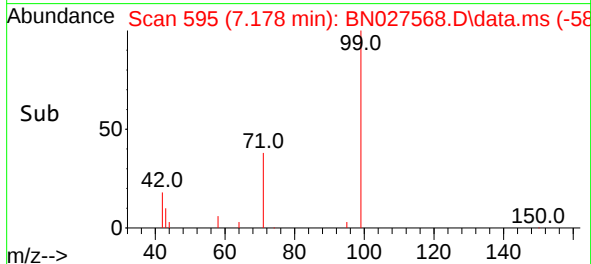
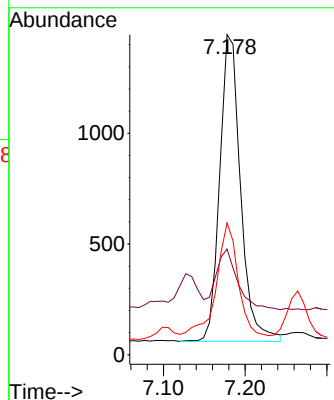
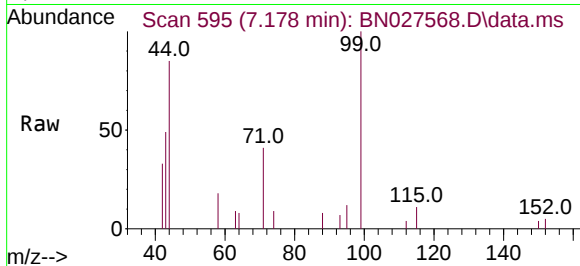




#5
Phenol-d6
Concen: 0.117 ng
RT: 7.178 min Scan# 599
Delta R.T. 0.000 min
Lab File: BN027568.D
Acq: 11 Sep 2023 09:13

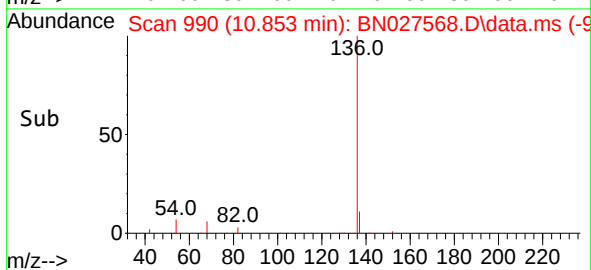
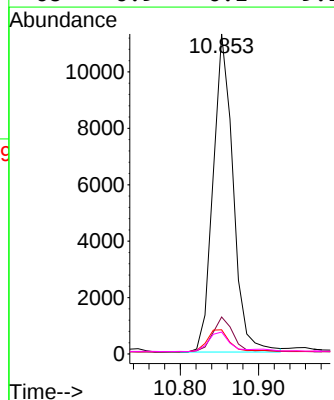
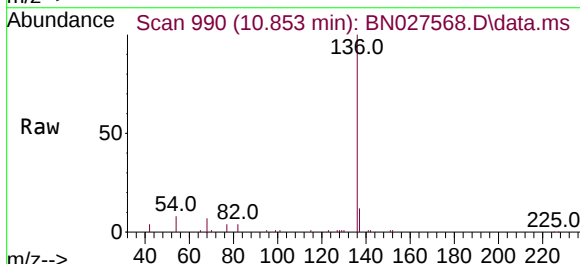
Instrument :
BNA_N
ClientSampleId :
MW-06-9.1-083023

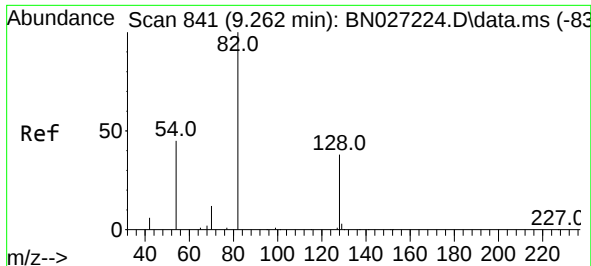
Tgt Ion:	99	Resp:	2459
Ion	Ratio	Lower	Upper
99	100		
42	20.5	14.5	21.7
71	37.9	25.8	38.6



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.853 min Scan# 990
Delta R.T. 0.000 min
Lab File: BN027568.D
Acq: 11 Sep 2023 09:13

Tgt Ion:	136	Resp:	20064
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.3	13.9
54	7.6	6.7	10.1
68	6.9	6.1	9.1

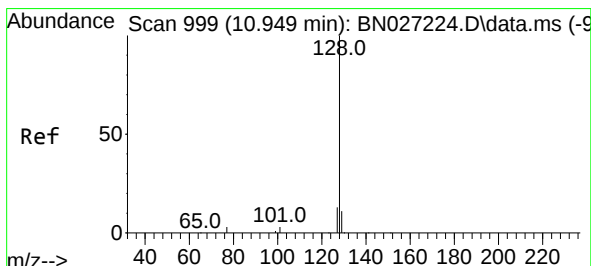
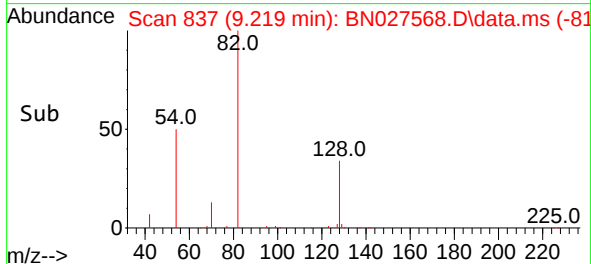
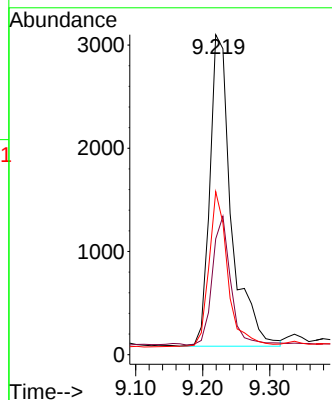
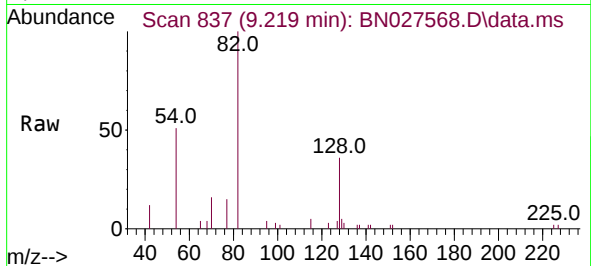




#8
Nitrobenzene-d5
Concen: 0.460 ng
RT: 9.219 min Scan# 81
Delta R.T. 0.000 min
Lab File: BN027568.D
Acq: 11 Sep 2023 09:13

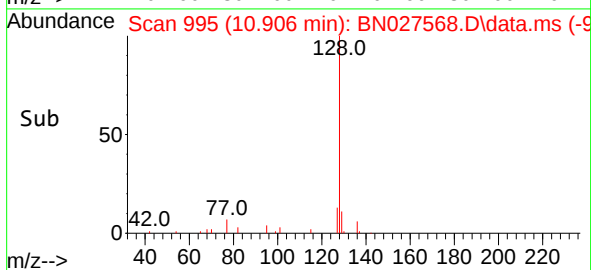
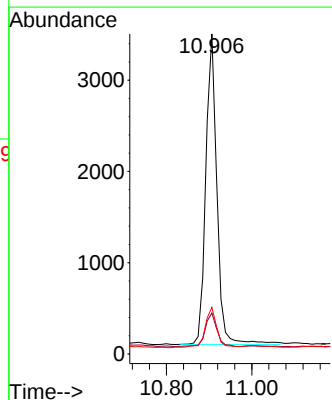
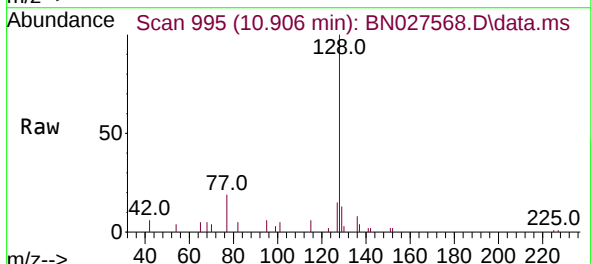
Instrument :
BNA_N
ClientSampleId :
MW-06-9.1-083023

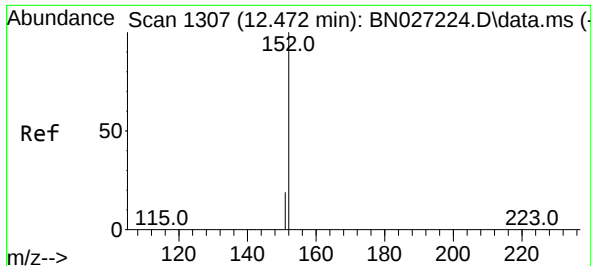
Tgt Ion: 82 Resp: 6723
Ion Ratio Lower Upper
82 100
128 36.2 33.4 50.0
54 51.0 37.7 56.5



#9
Naphthalene
Concen: 0.112 ng
RT: 10.906 min Scan# 995
Delta R.T. 0.000 min
Lab File: BN027568.D
Acq: 11 Sep 2023 09:13

Tgt Ion: 128 Resp: 6140
Ion Ratio Lower Upper
128 100
129 12.8 9.4 14.0
127 14.6 10.6 15.8

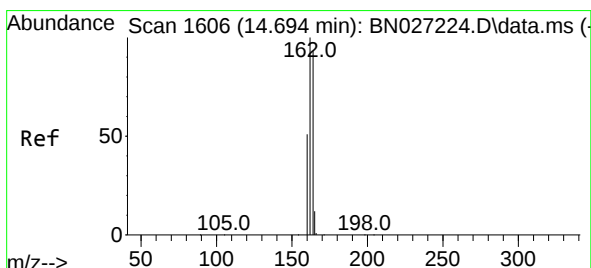
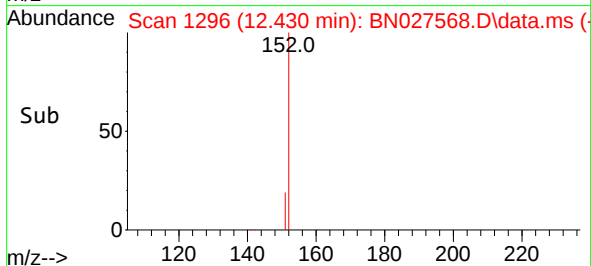
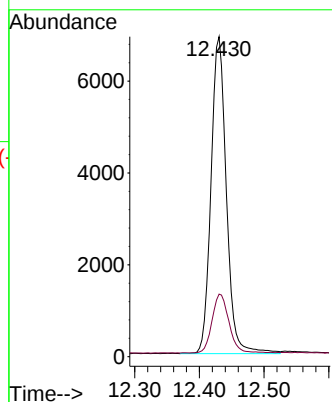
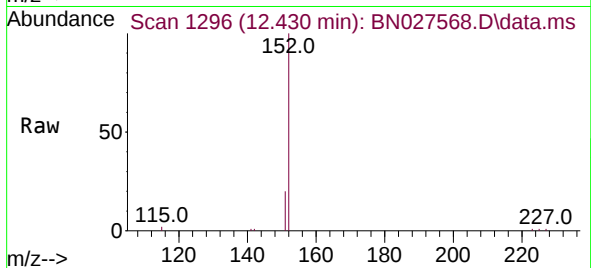




#11
2-Methylnaphthalene-d10
Concen: 0.386 ng
RT: 12.430 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN027568.D
Acq: 11 Sep 2023 09:13

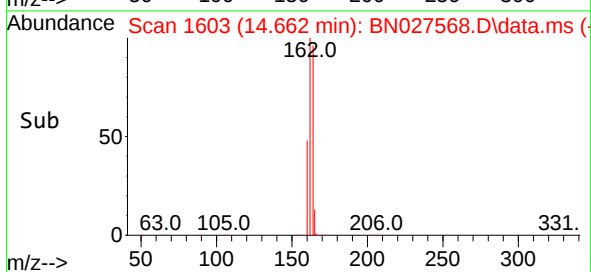
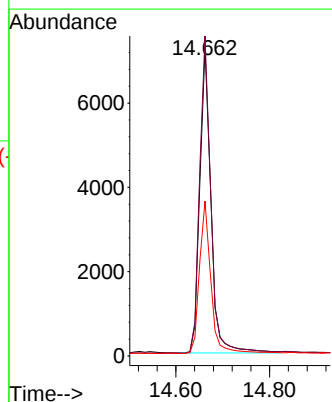
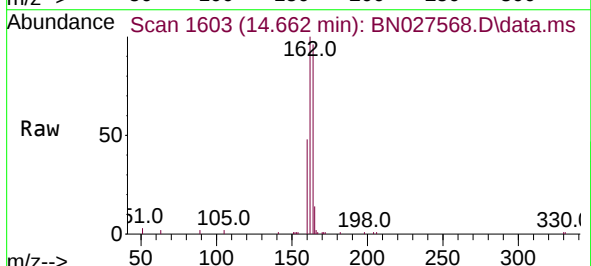
Instrument :
BNA_N
ClientSampleId :
MW-06-9.1-083023

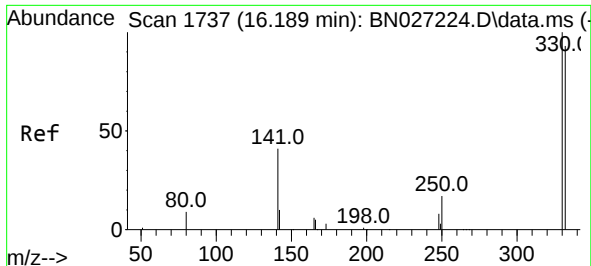
Tgt Ion:152 Resp: 11387
Ion Ratio Lower Upper
152 100
151 20.4 16.6 25.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.662 min Scan# 1603
Delta R.T. 0.000 min
Lab File: BN027568.D
Acq: 11 Sep 2023 09:13

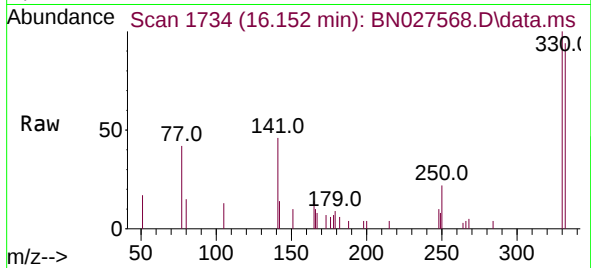
Tgt Ion:164 Resp: 12052
Ion Ratio Lower Upper
164 100
162 103.9 85.8 128.8
160 50.3 44.2 66.2



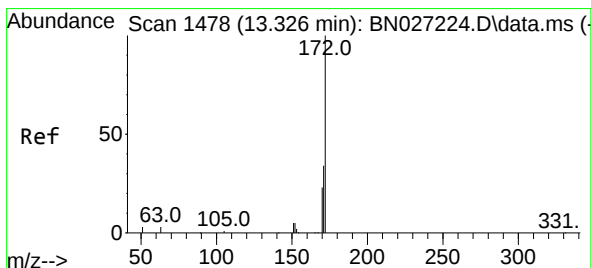
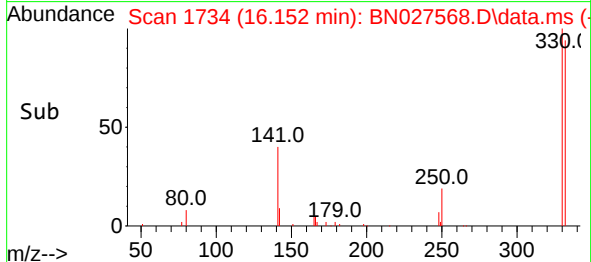
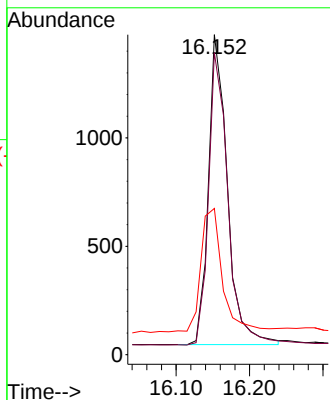


#14
2,4,6-Tribromophenol
Concen: 0.576 ng
RT: 16.152 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN027568.D
Acq: 11 Sep 2023 09:13

Instrument :
BNA_N
ClientSampleId :
MW-06-9.1-083023

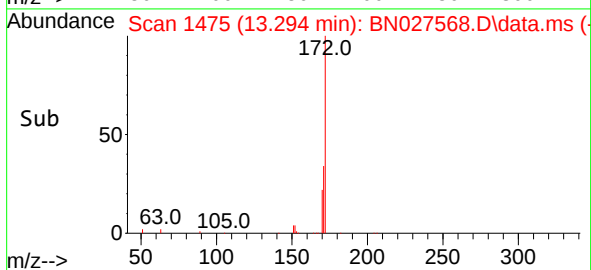
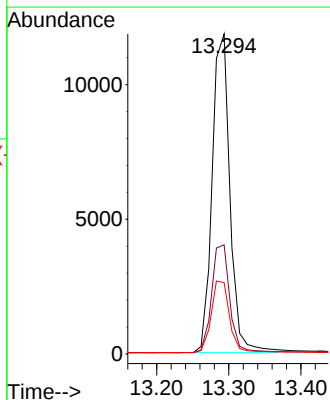
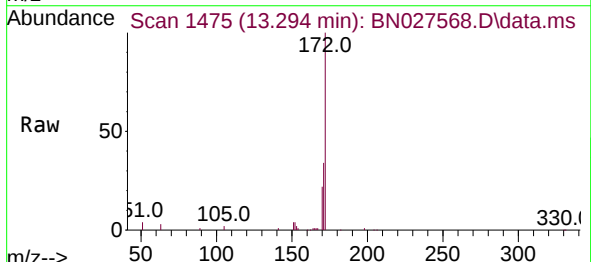


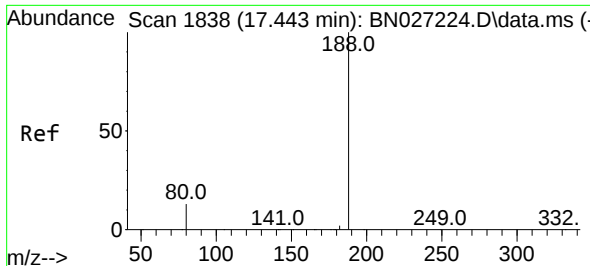
Tgt Ion:330 Resp: 2569
Ion Ratio Lower Upper
330 100
332 96.7 75.2 112.8
141 44.9 36.2 54.4



#15
2-Fluorobiphenyl
Concen: 0.443 ng
RT: 13.294 min Scan# 1475
Delta R.T. 0.000 min
Lab File: BN027568.D
Acq: 11 Sep 2023 09:13

Tgt Ion:172 Resp: 20282
Ion Ratio Lower Upper
172 100
171 34.1 27.8 41.8
170 22.3 19.3 28.9

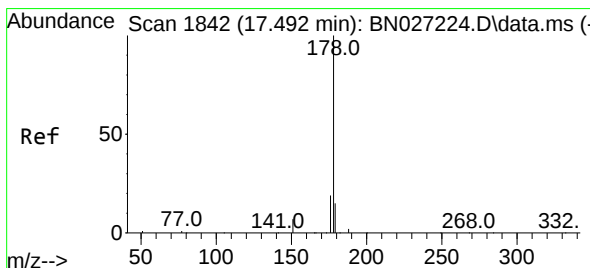
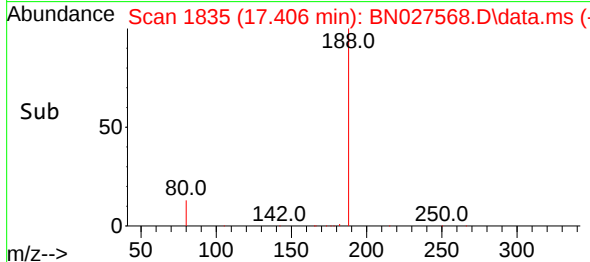
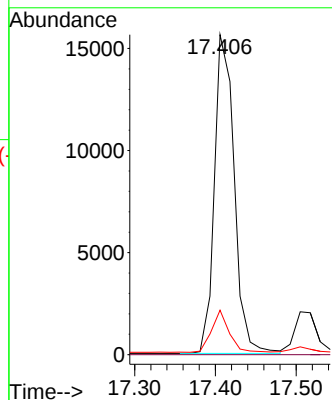
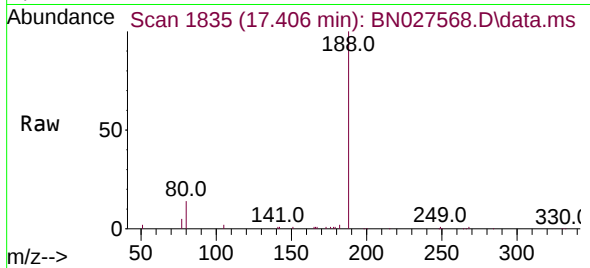




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.406 min Scan# 1835
Delta R.T. -0.012 min
Lab File: BN027568.D
Acq: 11 Sep 2023 09:13

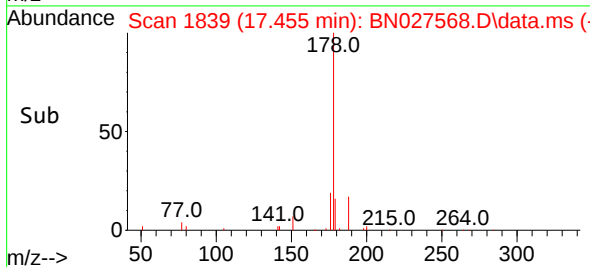
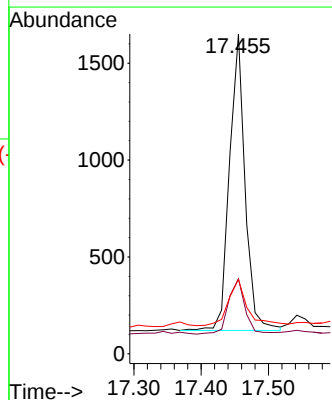
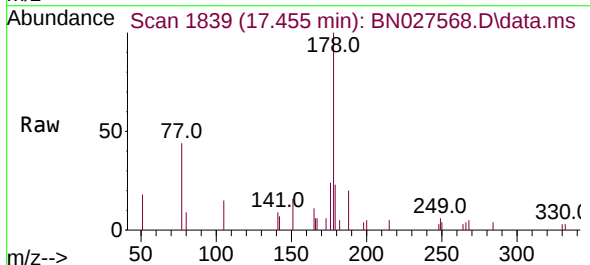
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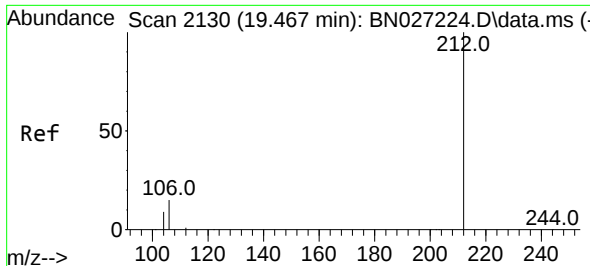
Tgt Ion:188 Resp: 26593
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.9 11.0 16.6



#25
Phenanthrene
Concen: 0.032 ng
RT: 17.455 min Scan# 1839
Delta R.T. 0.000 min
Lab File: BN027568.D
Acq: 11 Sep 2023 09:13

Tgt Ion:178 Resp: 2468
Ion Ratio Lower Upper
178 100
176 19.8 15.6 23.4
179 18.8 12.3 18.5#

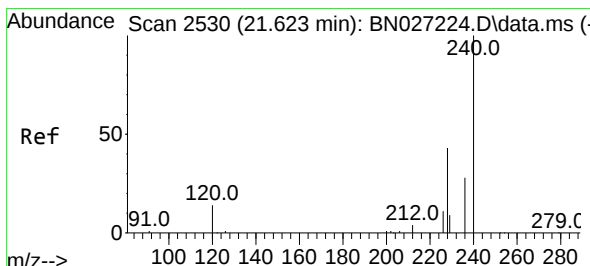
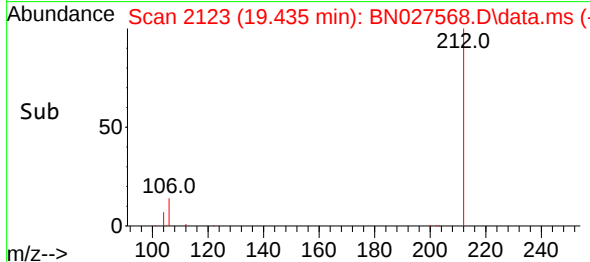
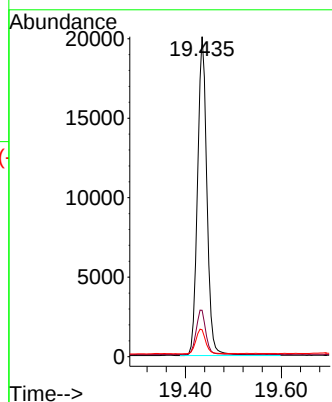
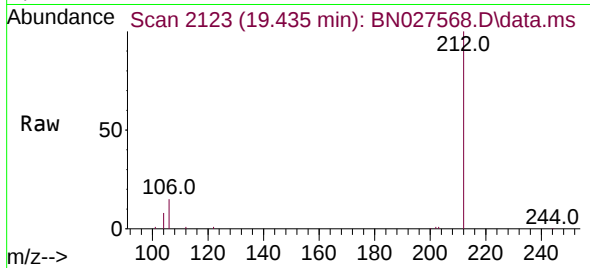




#27
Fluoranthene-d10
Concen: 0.416 ng
RT: 19.435 min Scan# 2112
Delta R.T. 0.000 min
Lab File: BN027568.D
Acq: 11 Sep 2023 09:13

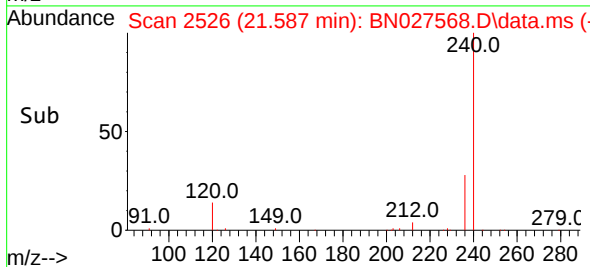
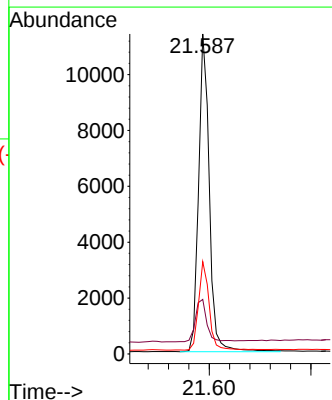
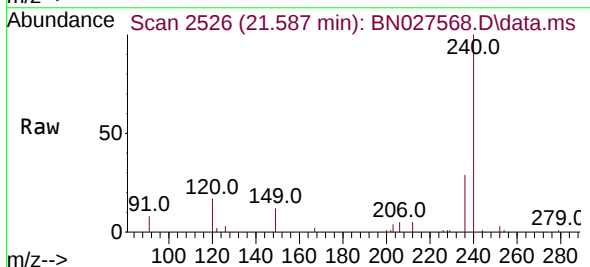
Instrument :
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ClientSampleId :
MW-06-9.1-083023

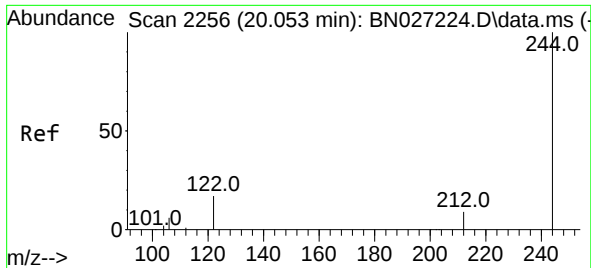
Tgt Ion:212 Resp: 27495
Ion Ratio Lower Upper
212 100
106 14.4 12.1 18.1
104 8.1 6.9 10.3



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.587 min Scan# 2526
Delta R.T. 0.000 min
Lab File: BN027568.D
Acq: 11 Sep 2023 09:13

Tgt Ion:240 Resp: 16552
Ion Ratio Lower Upper
240 100
120 17.0 14.2 21.4
236 28.8 22.9 34.3

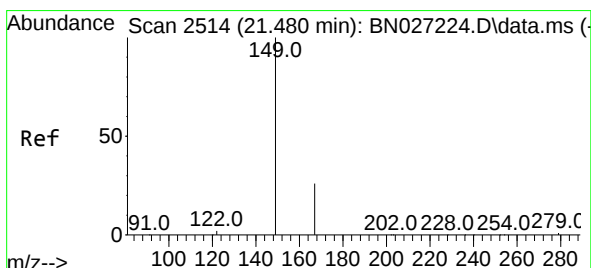
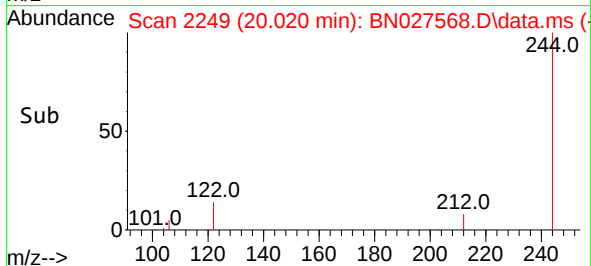
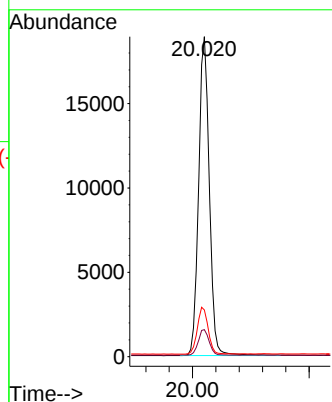
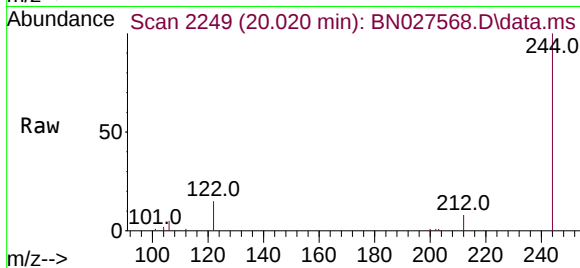




#31
 Terphenyl-d14
 Concen: 0.722 ng
 RT: 20.020 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN027568.D
 Acq: 11 Sep 2023 09:13

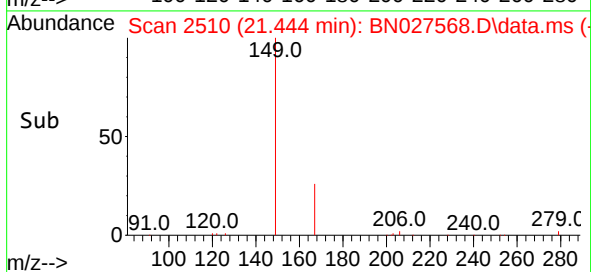
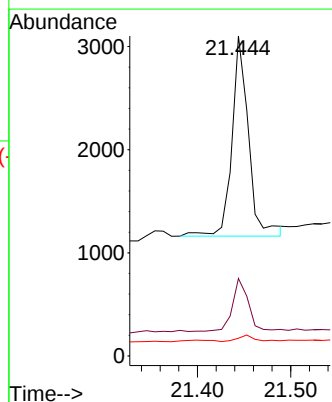
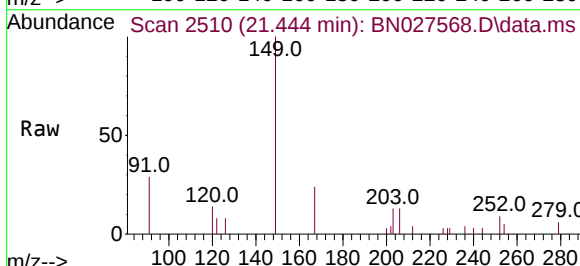
Instrument :
 BNA_N
 ClientSampleId :
 MW-06-9.1-083023

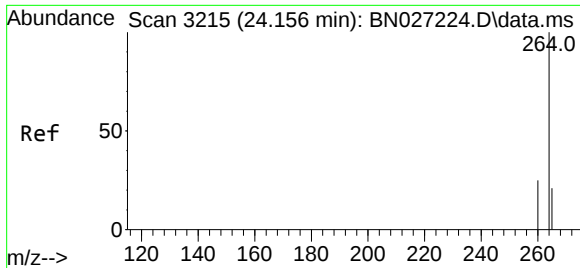
Tgt Ion:244 Resp: 24010
 Ion Ratio Lower Upper
 244 100
 212 8.5 7.5 11.3
 122 14.6 14.0 21.0



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.088 ng
 RT: 21.444 min Scan# 2510
 Delta R.T. 0.000 min
 Lab File: BN027568.D
 Acq: 11 Sep 2023 09:13

Tgt Ion:149 Resp: 2403
 Ion Ratio Lower Upper
 149 100
 167 24.8 22.1 33.1
 279 3.5 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: BN027568.D
 Acq: 11 Sep 2023 09:13

Instrument :
 BNA_N
 ClientSampleId :
 MW-06-9.1-083023

Tgt Ion:264	Resp:	13889
Ion	Ratio	Lower Upper
264	100	
260	25.9	20.7 31.1
265	72.2	53.3 79.9

