

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101323\
 Data File : BN028286.D
 Acq On : 13 Oct 2023 20:07
 Operator : MA/JU
 Sample : 04860-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-P10W

Quant Time: Oct 14 00:17:52 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN101223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 13 02:17:11 2023
 Response via : Initial Calibration

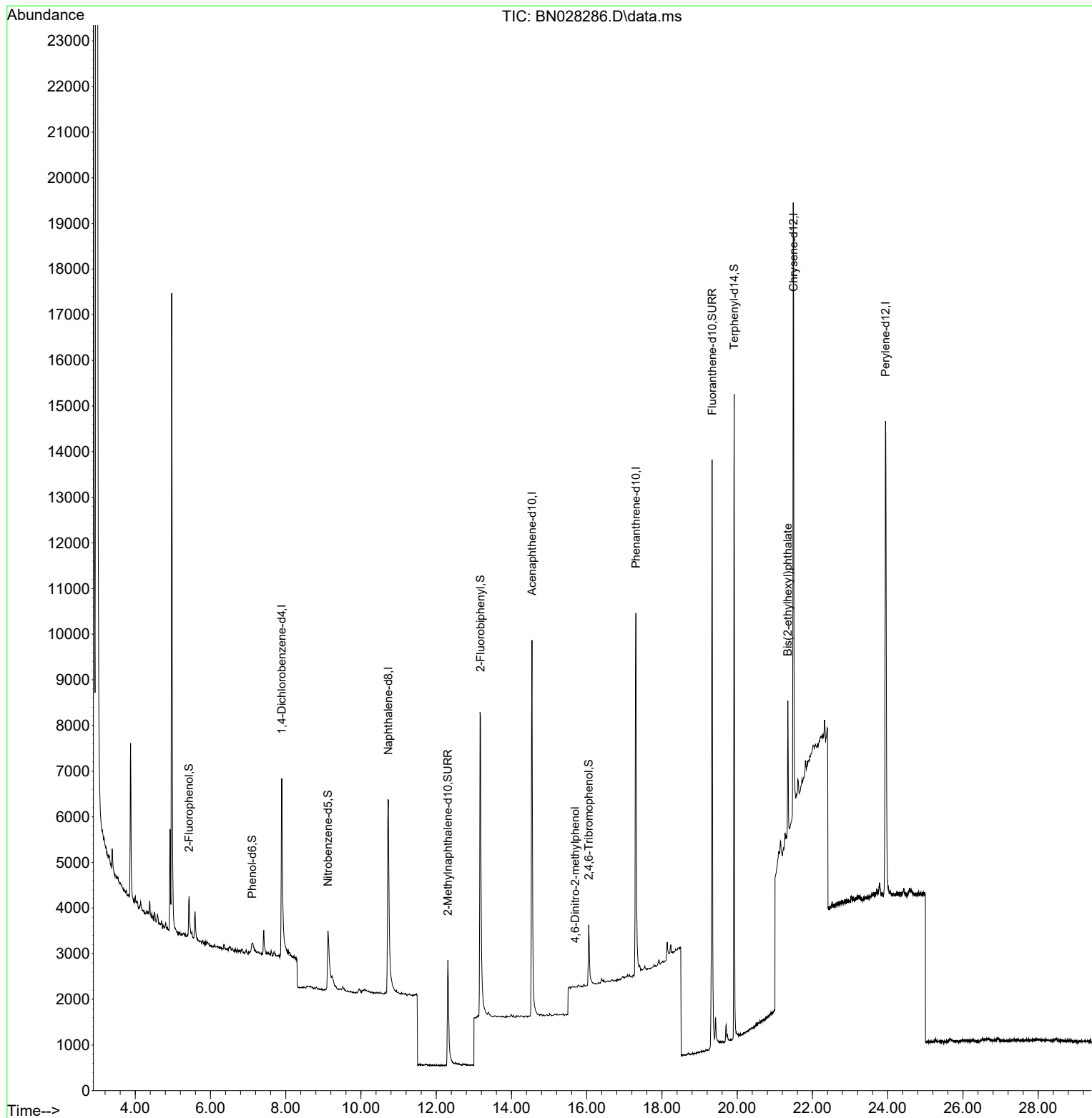
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	3009	0.400	ng	0.00
7) Naphthalene-d8	10.725	136	9802	0.400	ng	# 0.01
13) Acenaphthene-d10	14.544	164	6315	0.400	ng	0.00
19) Phenanthrene-d10	17.306	188	14585	0.400	ng	# 0.00
29) Chrysene-d12	21.497	240	14568	0.400	ng	# 0.00
35) Perylene-d12	23.943	264	16558	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.430	112	1121	0.120	ng	0.00
5) Phenol-d6	7.113	99	596	0.052	ng	0.06
8) Nitrobenzene-d5	9.123	82	2563	0.295	ng	0.02
11) 2-Methylnaphthalene-d10	12.309	152	5224	0.355	ng	0.01
14) 2,4,6-Tribromophenol	16.052	330	1009	0.328	ng	0.00
15) 2-Fluorobiphenyl	13.176	172	9270	0.417	ng	0.01
27) Fluoranthene-d10	19.332	212	15554	0.399	ng	0.00
31) Terphenyl-d14	19.918	244	14121	0.457	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.693	198	10	0.190	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.345	149	2700	0.068	ng	98

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

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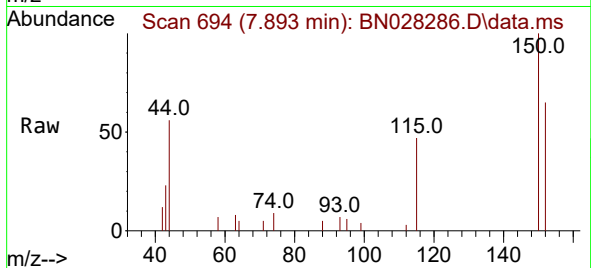
Quant Time: Oct 14 00:17:52 2023
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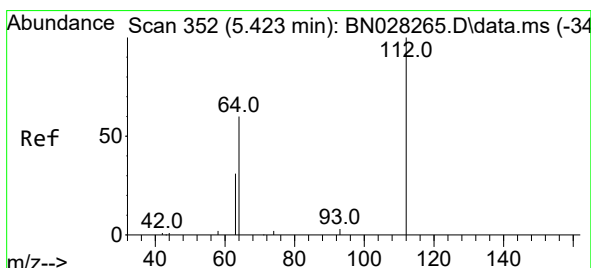
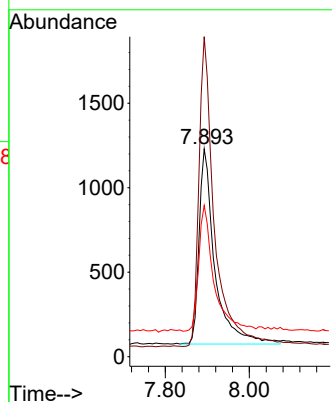
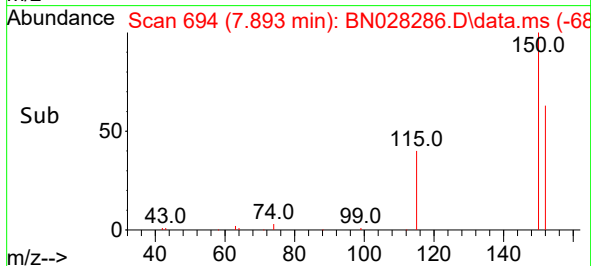


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.893 min Scan# 694
Delta R.T. -0.000 min
Lab File: BN028286.D
Acq: 13 Oct 2023 20:07

Instrument :
BNA_N
ClientSampleId :
MW-P10W

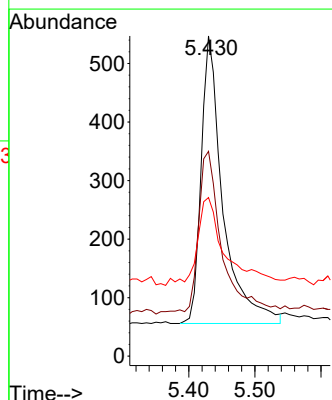
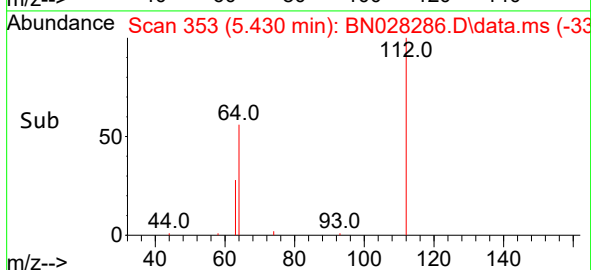
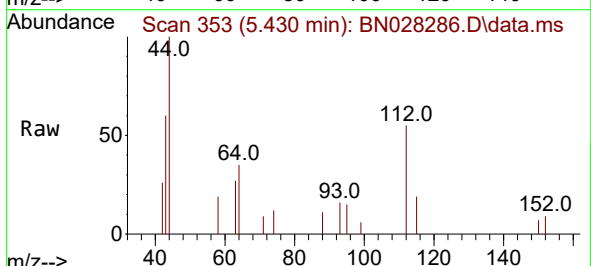


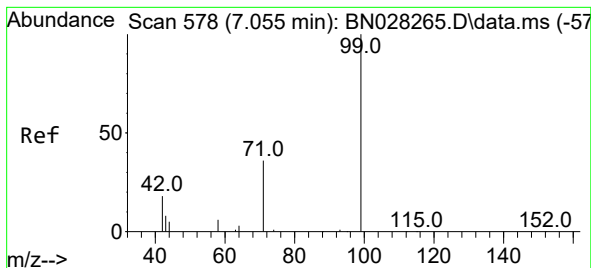
Tgt Ion:152 Resp: 3009
Ion Ratio Lower Upper
152 100
150 154.0 121.6 182.4
115 72.8 54.3 81.5



#4
2-Fluorophenol
Concen: 0.120 ng
RT: 5.430 min Scan# 353
Delta R.T. 0.007 min
Lab File: BN028286.D
Acq: 13 Oct 2023 20:07

Tgt Ion:112 Resp: 1121
Ion Ratio Lower Upper
112 100
64 62.5 46.9 70.3
63 39.5 25.0 37.4





#5

Phenol-d6

Concen: 0.052 ng

RT: 7.113 min Scan# 51

Delta R.T. 0.058 min

Lab File: BN028286.D

Acq: 13 Oct 2023 20:07

Instrument :

BNA_N

ClientSampleId :

MW-P10W

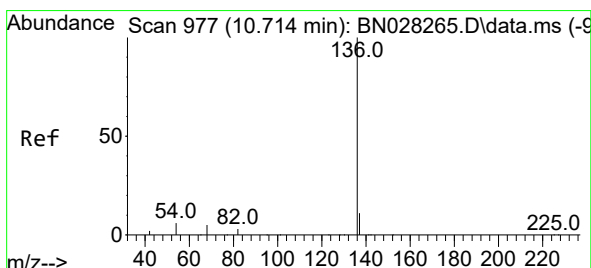
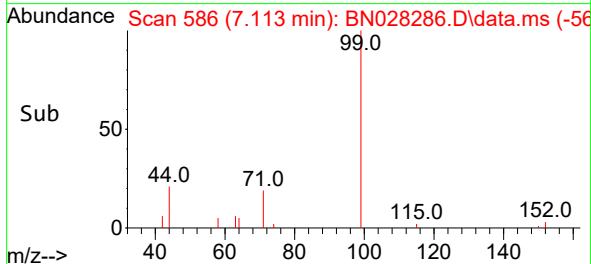
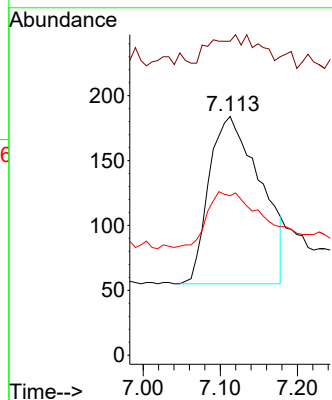
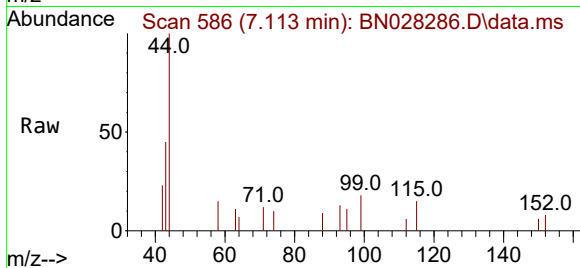
Tgt Ion: 99 Resp: 596

Ion Ratio Lower Upper

99 100

42 14.9 15.9 23.9#

71 0.0 28.6 42.8#



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.725 min Scan# 978

Delta R.T. 0.011 min

Lab File: BN028286.D

Acq: 13 Oct 2023 20:07

Tgt Ion: 136 Resp: 9802

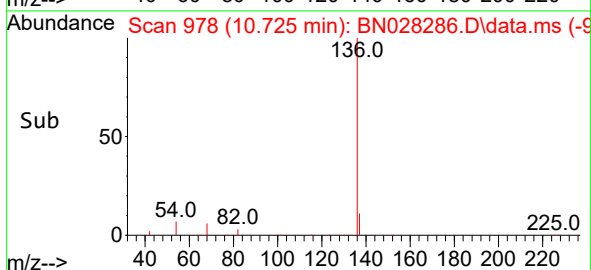
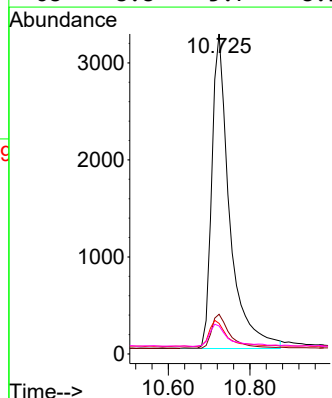
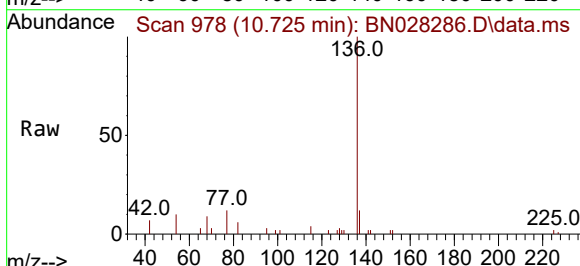
Ion Ratio Lower Upper

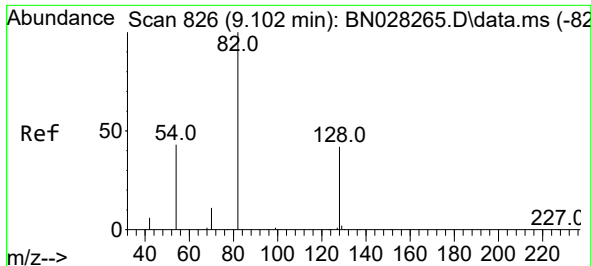
136 100

137 12.4 9.8 14.8

54 9.6 6.2 9.4#

68 8.8 5.7 8.5#

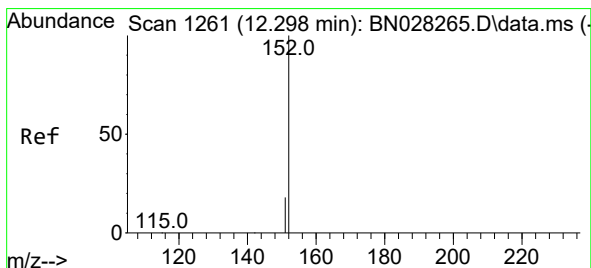
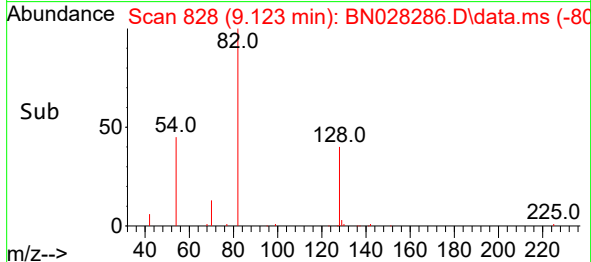
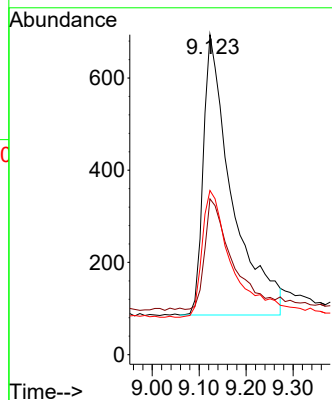
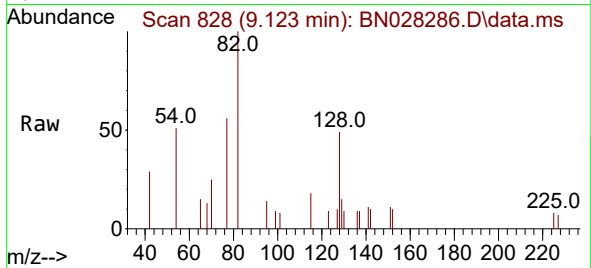




#8
Nitrobenzene-d5
Concen: 0.295 ng
RT: 9.123 min Scan# 81
Delta R.T. 0.021 min
Lab File: BN028286.D
Acq: 13 Oct 2023 20:07

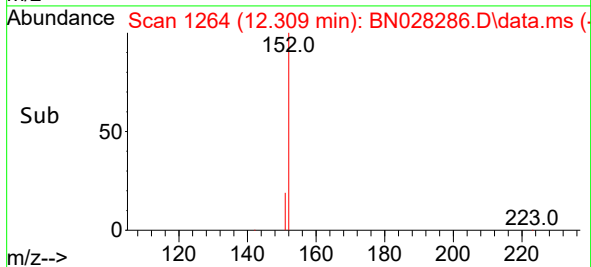
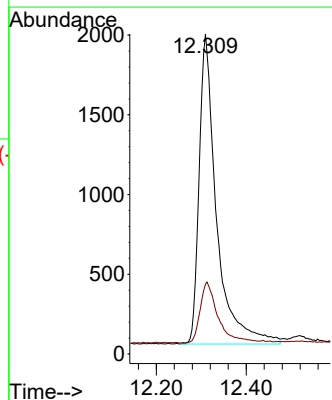
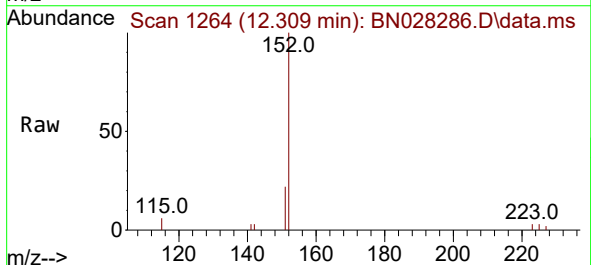
Instrument :
BNA_N
ClientSampleId :
MW-P10W

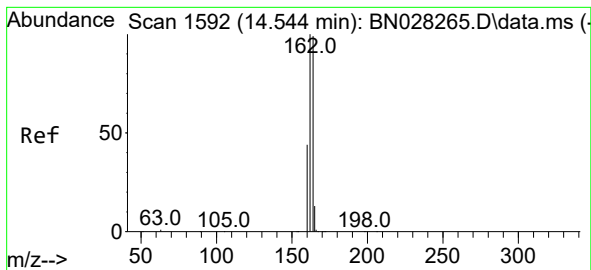
Tgt Ion: 82 Resp: 2563
Ion Ratio Lower Upper
82 100
128 48.7 36.8 55.2
54 51.3 37.4 56.2



#11
2-Methylnaphthalene-d10
Concen: 0.355 ng
RT: 12.309 min Scan# 1264
Delta R.T. 0.011 min
Lab File: BN028286.D
Acq: 13 Oct 2023 20:07

Tgt Ion: 152 Resp: 5224
Ion Ratio Lower Upper
152 100
151 20.2 16.1 24.1





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.544 min Scan# 1592

Delta R.T. -0.000 min

Lab File: BN028286.D

Acq: 13 Oct 2023 20:07

Instrument :

BNA_N

ClientSampleId :

MW-P10W

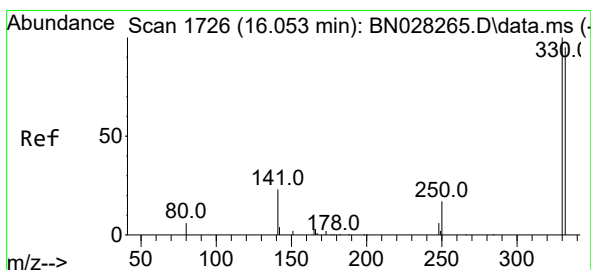
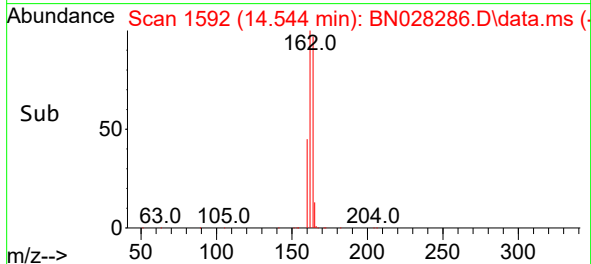
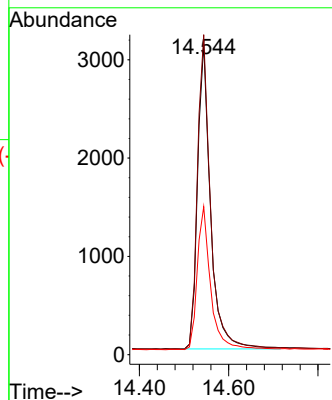
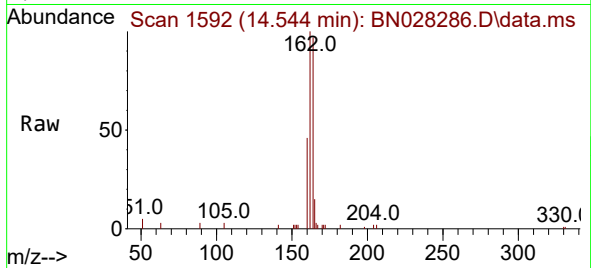
Tgt Ion:164 Resp: 6315

Ion Ratio Lower Upper

164 100

162 102.9 81.1 121.7

160 47.6 36.6 54.8



#14

2,4,6-Tribromophenol

Concen: 0.328 ng

RT: 16.052 min Scan# 1726

Delta R.T. -0.000 min

Lab File: BN028286.D

Acq: 13 Oct 2023 20:07

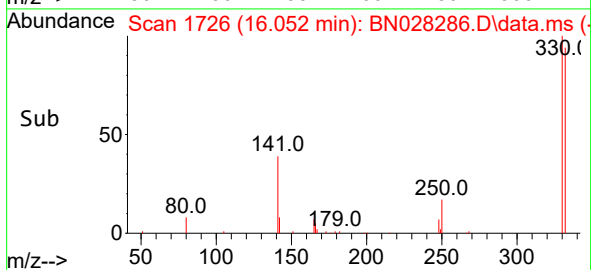
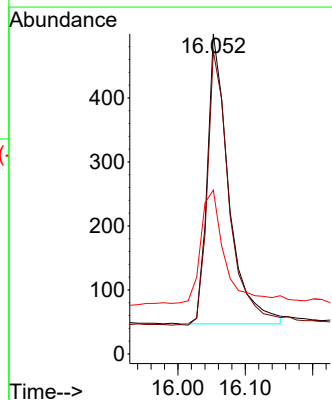
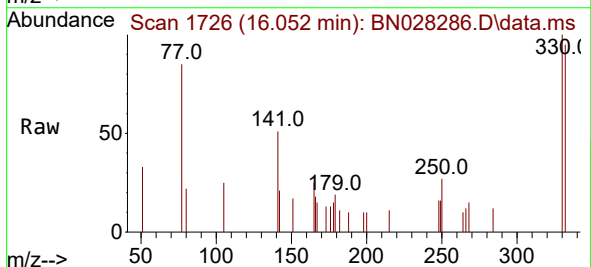
Tgt Ion:330 Resp: 1009

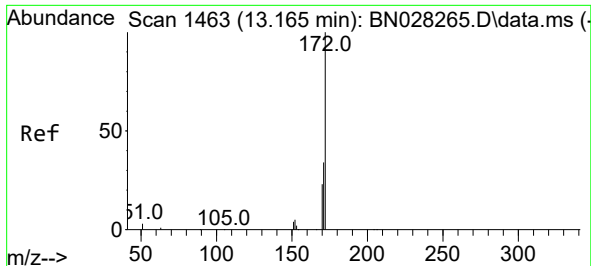
Ion Ratio Lower Upper

330 100

332 96.7 74.1 111.1

141 42.6 32.1 48.1

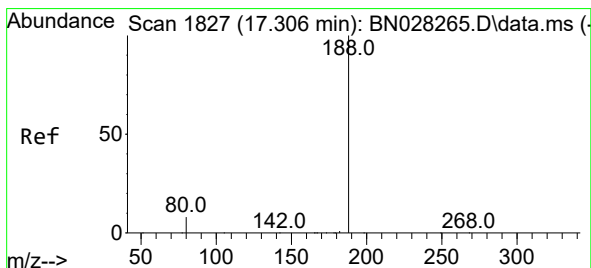
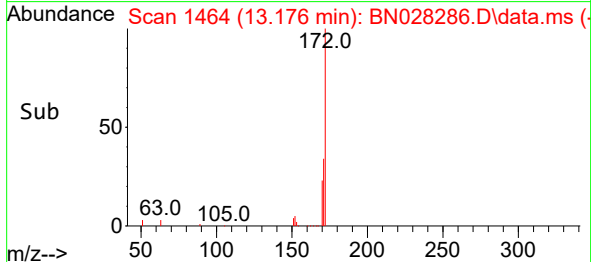
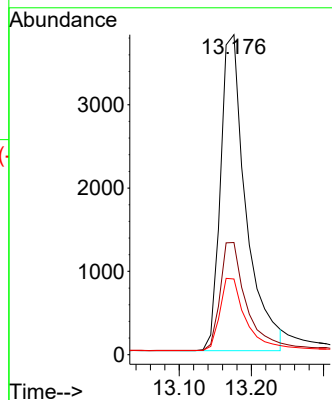
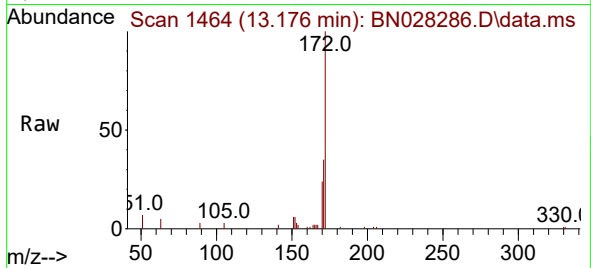




#15
2-Fluorobiphenyl
Concen: 0.417 ng
RT: 13.176 min Scan# 1463
Delta R.T. 0.011 min
Lab File: BN028286.D
Acq: 13 Oct 2023 20:07

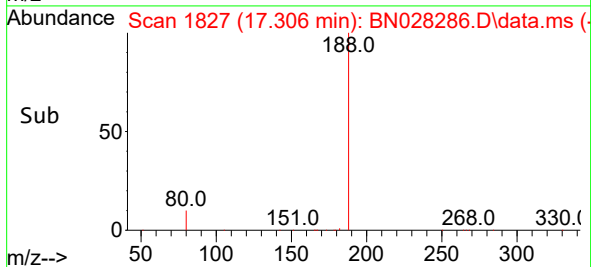
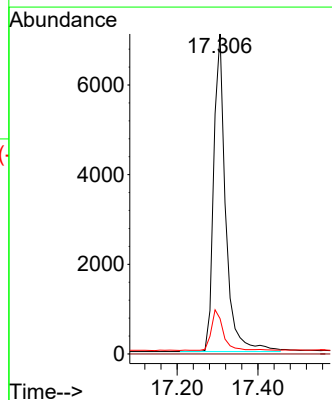
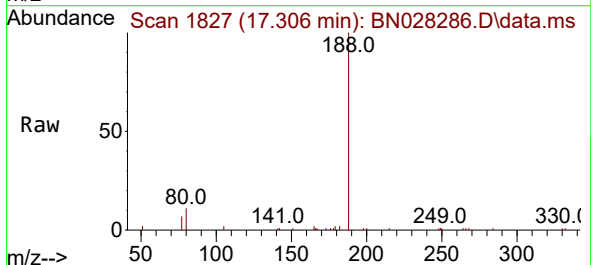
Instrument :
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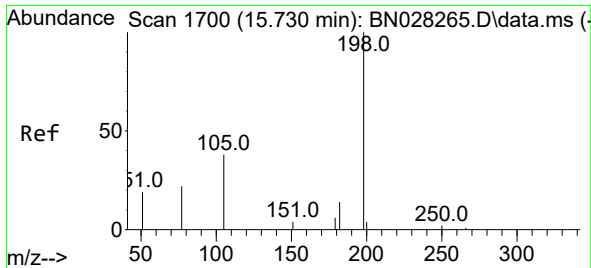
Tgt Ion:172 Resp: 9270
Ion Ratio Lower Upper
172 100
171 35.0 28.3 42.5
170 23.7 18.7 28.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.306 min Scan# 1827
Delta R.T. -0.000 min
Lab File: BN028286.D
Acq: 13 Oct 2023 20:07

Tgt Ion:188 Resp: 14585
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.1 7.1 10.7#

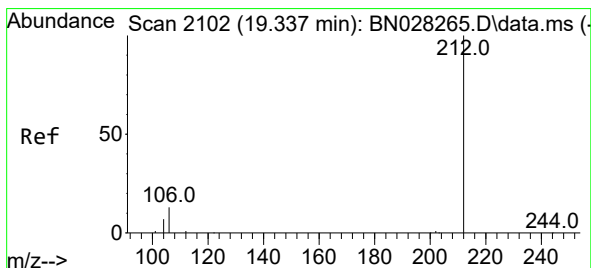
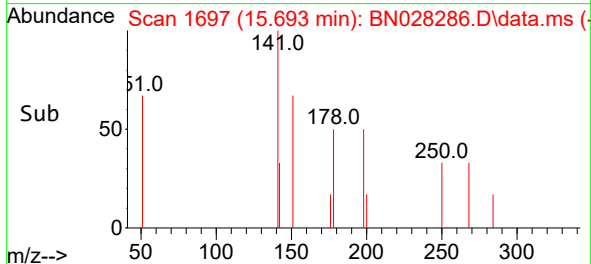
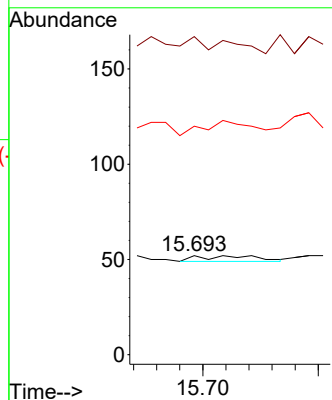
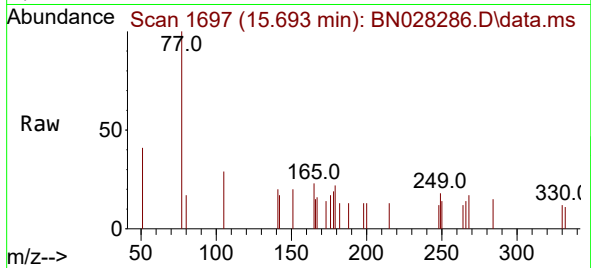




#20
4,6-Dinitro-2-methylphenol
Concen: 0.190 ng
RT: 15.693 min Scan# 1
Delta R.T. -0.037 min
Lab File: BN028286.D
Acq: 13 Oct 2023 20:07

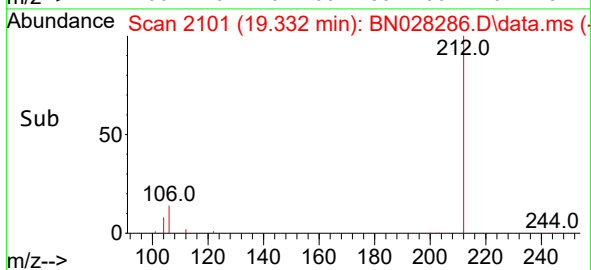
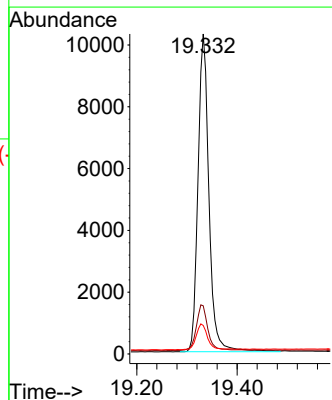
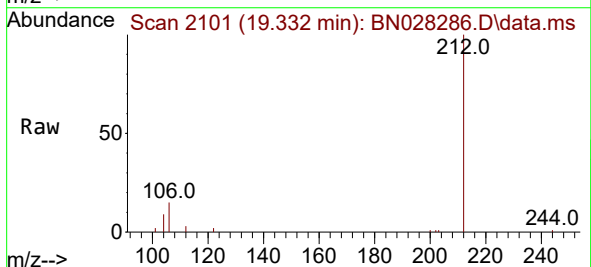
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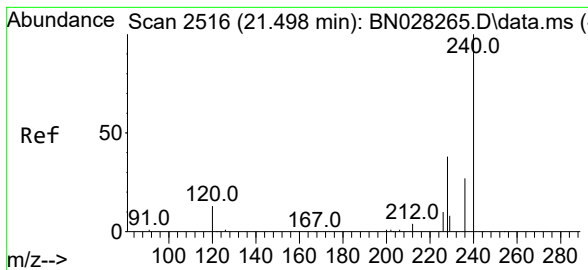
Tgt Ion:198 Resp: 10
Ion Ratio Lower Upper
198 100
51 321.2 96.1 144.1#
105 230.8 75.4 113.0#



#27
Fluoranthene-d10
Concen: 0.399 ng
RT: 19.332 min Scan# 2101
Delta R.T. -0.005 min
Lab File: BN028286.D
Acq: 13 Oct 2023 20:07

Tgt Ion:212 Resp: 15554
Ion Ratio Lower Upper
212 100
106 15.5 11.5 17.3
104 8.3 6.7 10.1





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.497 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN028286.D

Acq: 13 Oct 2023 20:07

Instrument :

BNA_N

ClientSampleId :

MW-P10W

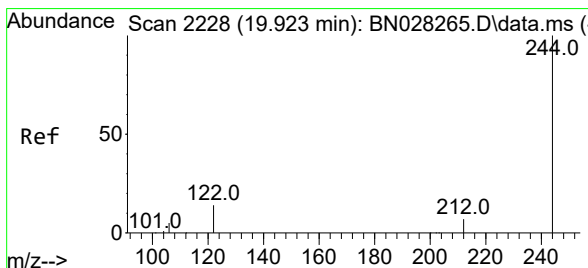
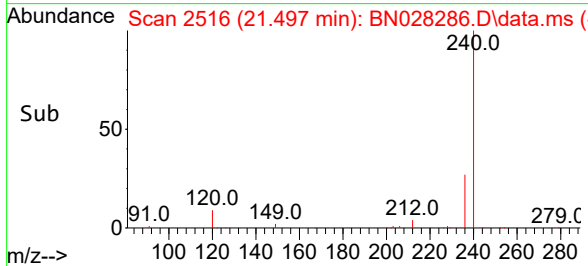
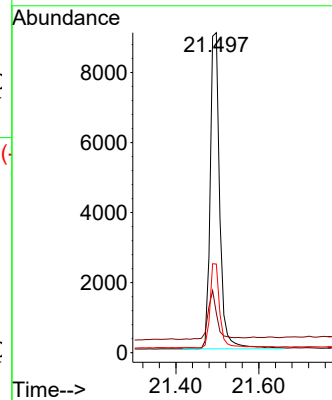
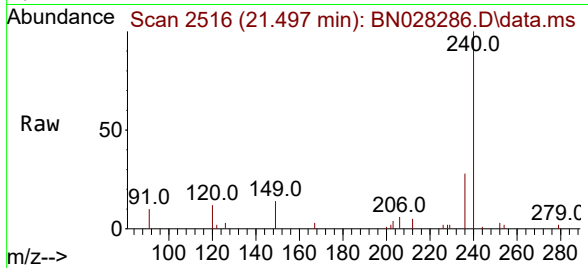
Tgt Ion:240 Resp: 14568

Ion Ratio Lower Upper

240 100

120 12.4 13.4 20.0#

236 27.7 22.7 34.1



#31

Terphenyl-d14

Concen: 0.457 ng

RT: 19.918 min Scan# 2227

Delta R.T. -0.005 min

Lab File: BN028286.D

Acq: 13 Oct 2023 20:07

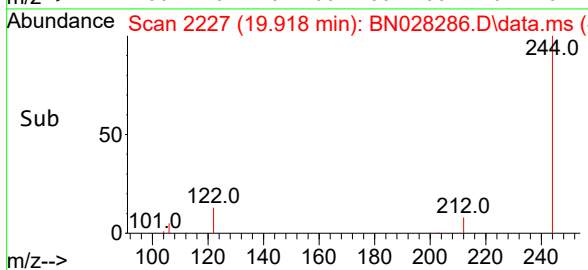
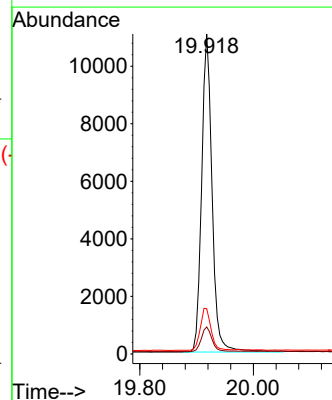
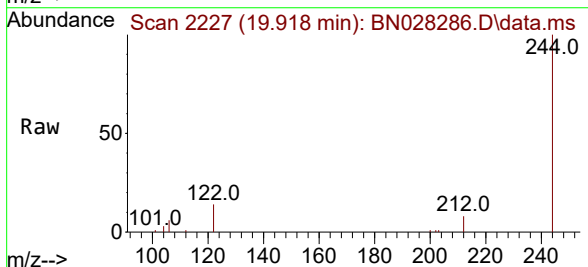
Tgt Ion:244 Resp: 14121

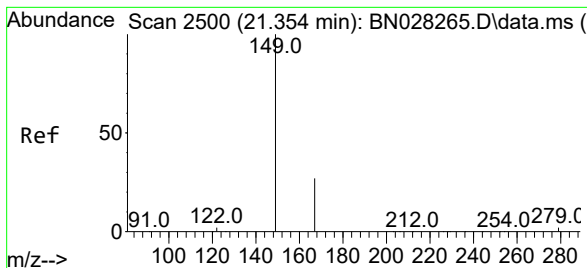
Ion Ratio Lower Upper

244 100

212 8.5 6.6 10.0

122 14.1 11.7 17.5

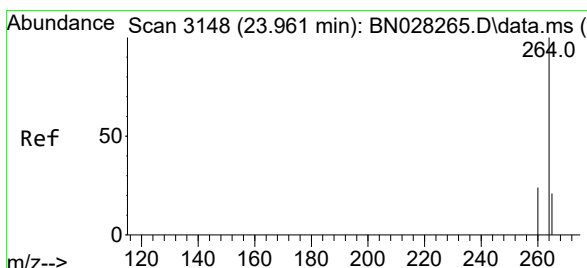
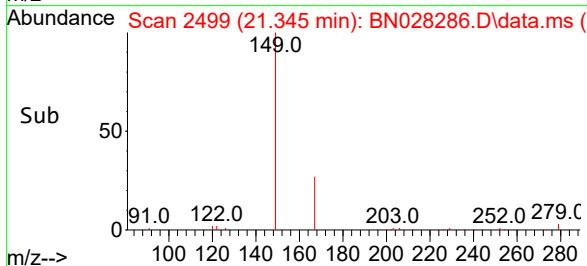
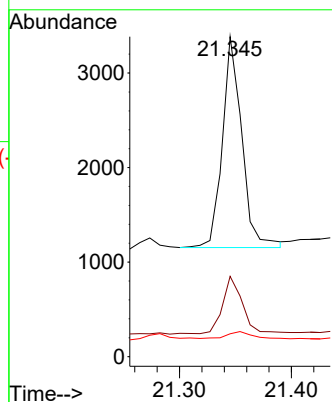
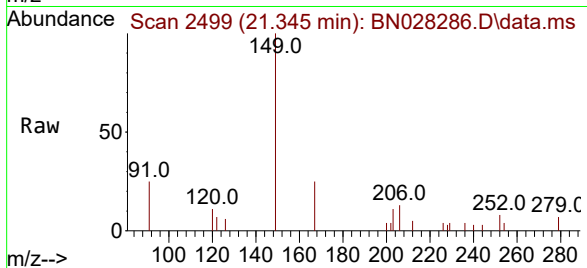




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.068 ng
 RT: 21.345 min Scan# 2499
 Delta R.T. -0.009 min
 Lab File: BN028286.D
 Acq: 13 Oct 2023 20:07

Instrument :
 BNA_N
 ClientSampleId :
 MW-P10W

Tgt Ion:149 Resp: 2700
 Ion Ratio Lower Upper
 149 100
 167 27.5 22.6 34.0
 279 4.2 4.2 6.2



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.943 min Scan# 3142
 Delta R.T. -0.018 min
 Lab File: BN028286.D
 Acq: 13 Oct 2023 20:07

Tgt Ion:264 Resp: 16558
 Ion Ratio Lower Upper
 264 100
 260 25.3 20.7 31.1
 265 51.4 38.3 57.5

