

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081723\
 Data File : BN026948.D
 Acq On : 17 Aug 2023 18:41
 Operator : MA/JU
 Sample : 04024-14
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW178I-20230815

Quant Time: Aug 18 03:13:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 16 15:56:02 2023
 Response via : Initial Calibration

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

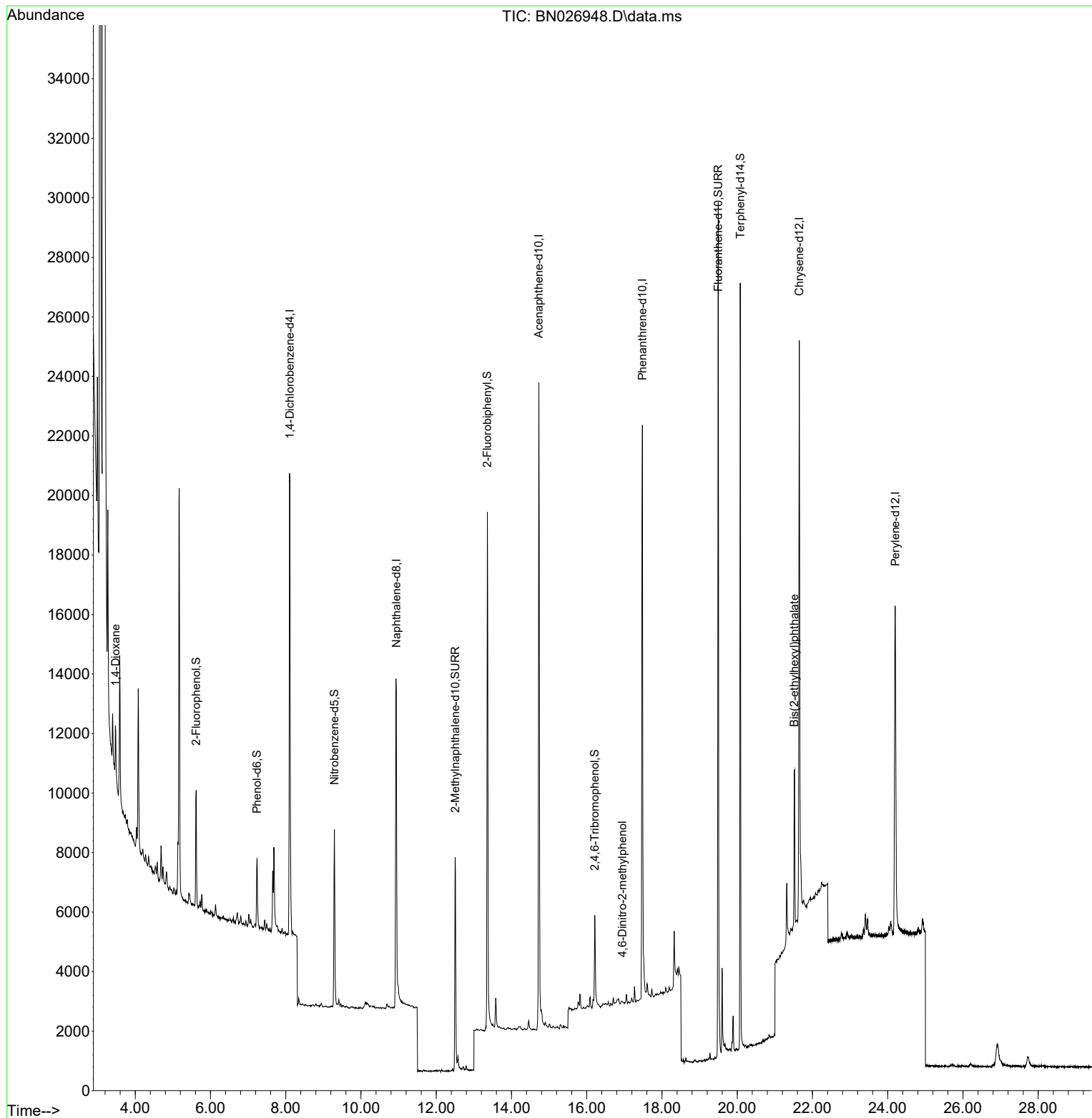
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.109	152	7983	0.400	ng	0.00
7) Naphthalene-d8	10.938	136	18433	0.400	ng	0.00
13) Acenaphthene-d10	14.726	164	13641	0.400	ng	0.00
19) Phenanthrene-d10	17.480	188	30728	0.400	ng	0.00
29) Chrysene-d12	21.650	240	20649	0.400	ng	0.00
35) Perylene-d12	24.200	264	19021	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.618	112	3377	0.150	ng	0.00
5) Phenol-d6	7.235	99	2474	0.089	ng	0.00
8) Nitrobenzene-d5	9.294	82	5141	0.330	ng	0.00
11) 2-Methylnaphthalene-d10	12.506	152	10806	0.369	ng	0.00
14) 2,4,6-Tribromophenol	16.214	330	1975	0.272	ng	0.00
15) 2-Fluorobiphenyl	13.358	172	16962	0.335	ng	0.00
27) Fluoranthene-d10	19.495	212	31242	0.396	ng	0.00
31) Terphenyl-d14	20.080	244	25926	0.601	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.480	88	1508	0.176	ng	# 68
20) 4,6-Dinitro-2-methylph...	16.946	198	16	0.033	ng	# 2
34) Bis(2-ethylhexyl)phtha...	21.515	149	5919	0.110	ng	99

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

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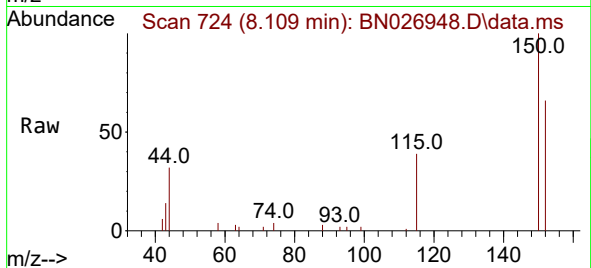
Quant Time: Aug 18 03:13:34 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 16 15:56:02 2023
Response via : Initial Calibration



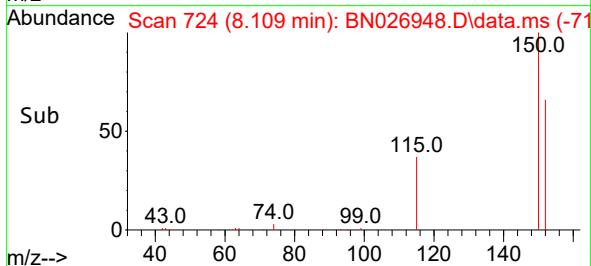
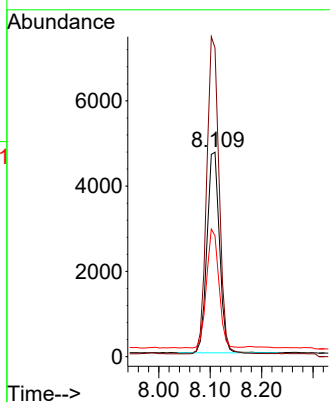


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.109 min Scan# 724
 Delta R.T. 0.000 min
 Lab File: BN026948.D
 Acq: 17 Aug 2023 18:41

Instrument :
 BNA_N
 ClientSampleId :
 MW178I-20230815

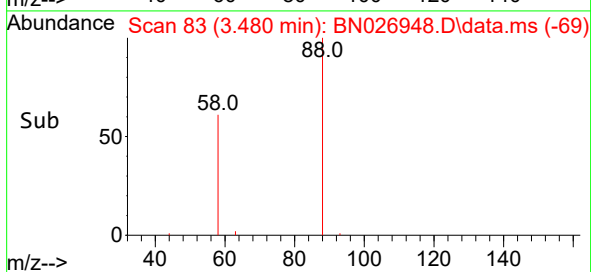
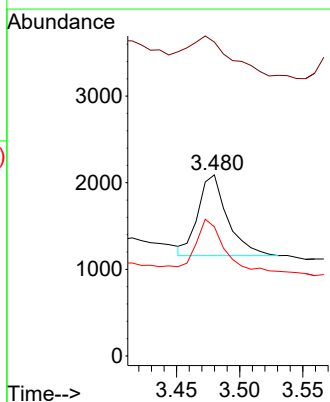
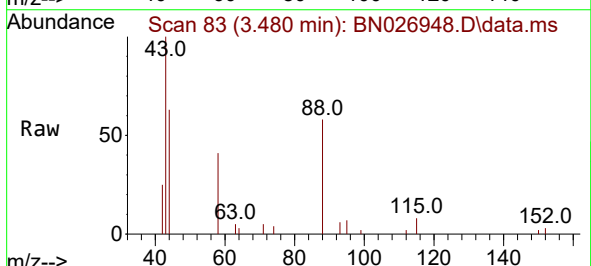


Tgt Ion:152 Resp: 7983
 Ion Ratio Lower Upper
 152 100
 150 150.9 123.8 185.6
 115 59.1 49.7 74.5



#2
 1,4-Dioxane
 Concen: 0.176 ng
 RT: 3.480 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: BN026948.D
 Acq: 17 Aug 2023 18:41

Tgt Ion: 88 Resp: 1508
 Ion Ratio Lower Upper
 88 100
 43 74.3 19.2 28.8#
 58 61.9 54.5 81.7

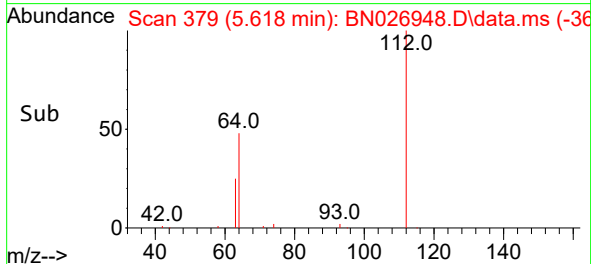
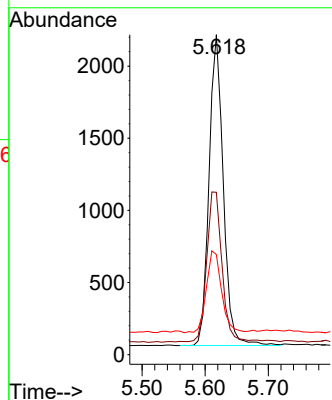
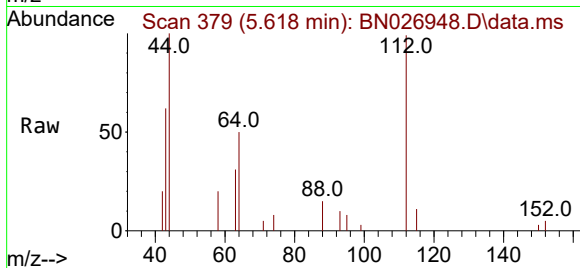




#4
2-Fluorophenol
Concen: 0.150 ng
RT: 5.618 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN026948.D
Acq: 17 Aug 2023 18:41

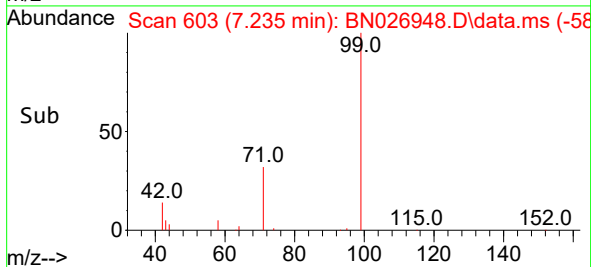
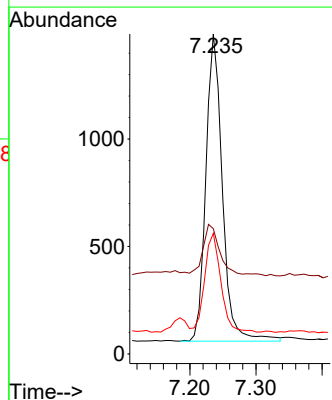
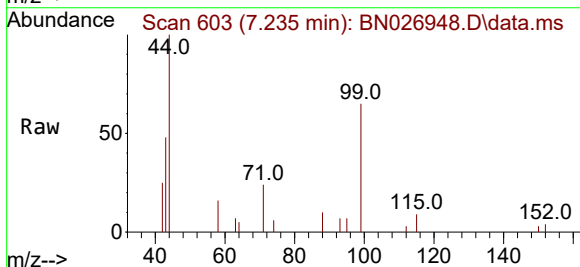
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MW178I-20230815

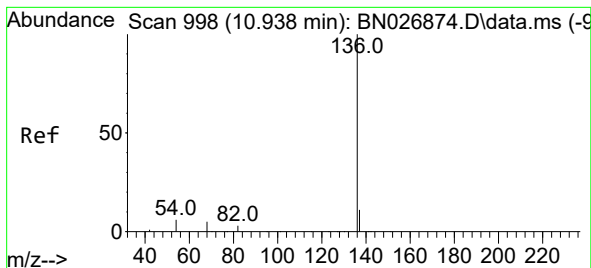
Tgt Ion:	112	Resp:	3377
Ion	Ratio	Lower	Upper
112	100		
64	53.1	41.5	62.3
63	28.2	21.7	32.5



#5
Phenol-d6
Concen: 0.089 ng
RT: 7.235 min Scan# 603
Delta R.T. -0.000 min
Lab File: BN026948.D
Acq: 17 Aug 2023 18:41

Tgt Ion:	99	Resp:	2474
Ion	Ratio	Lower	Upper
99	100		
42	17.7	13.6	20.4
71	31.3	26.0	39.0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.938 min Scan# 998

Delta R.T. -0.000 min

Lab File: BN026948.D

Acq: 17 Aug 2023 18:41

Instrument :

BNA_N

ClientSampleId :

MW178I-20230815

Tgt Ion:136 Resp: 18433

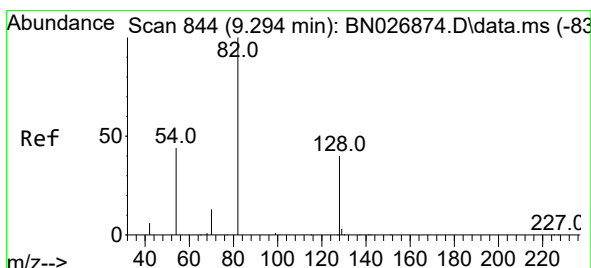
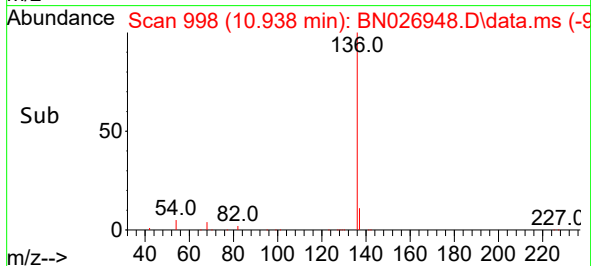
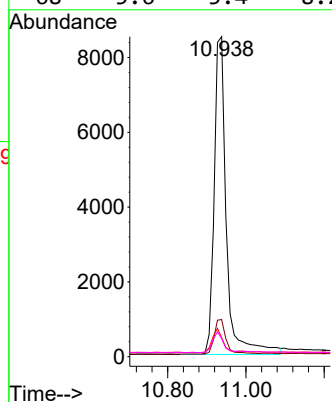
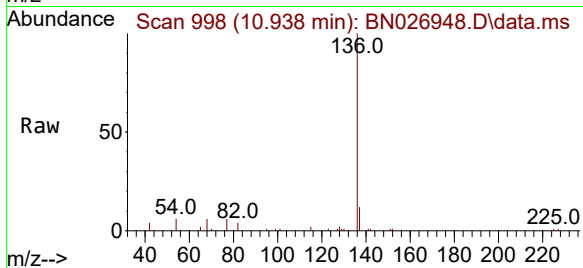
Ion Ratio Lower Upper

136 100

137 11.6 9.0 13.6

54 6.0 5.5 8.3

68 5.6 5.4 8.2



#8

Nitrobenzene-d5

Concen: 0.330 ng

RT: 9.294 min Scan# 844

Delta R.T. -0.000 min

Lab File: BN026948.D

Acq: 17 Aug 2023 18:41

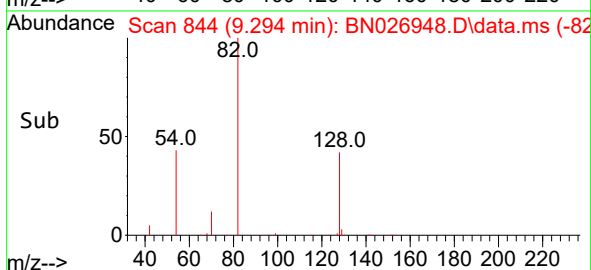
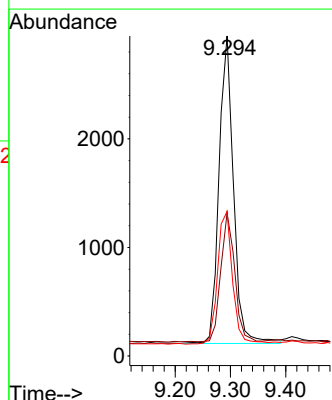
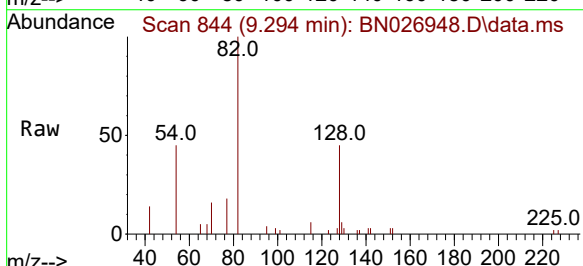
Tgt Ion: 82 Resp: 5141

Ion Ratio Lower Upper

82 100

128 44.8 34.1 51.1

54 45.1 37.0 55.4

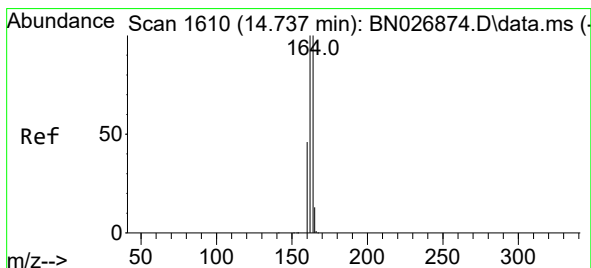
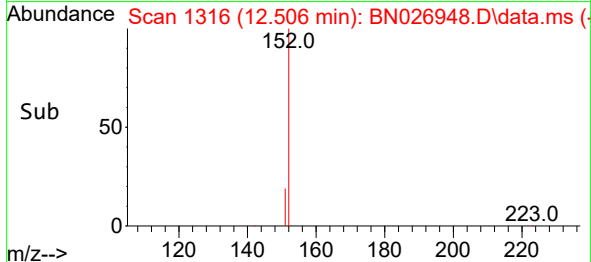
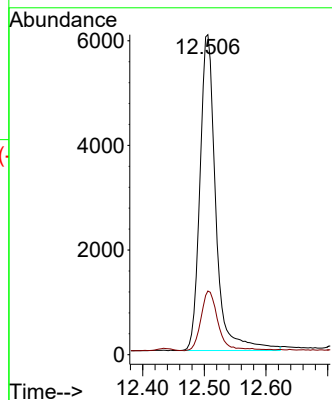
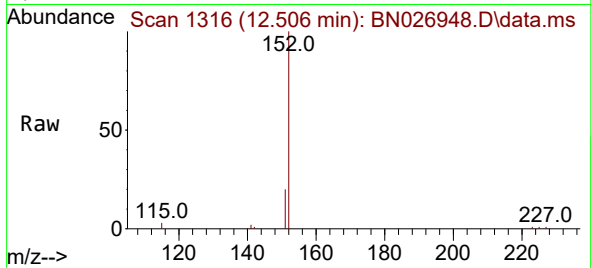




#11
2-Methylnaphthalene-d10
Concen: 0.369 ng
RT: 12.506 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN026948.D
Acq: 17 Aug 2023 18:41

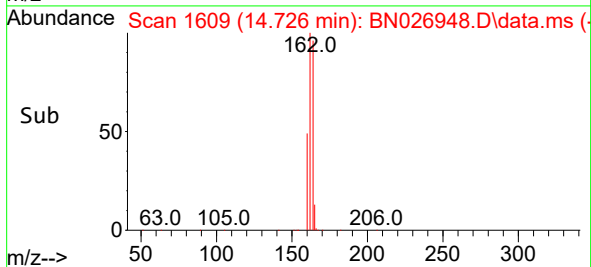
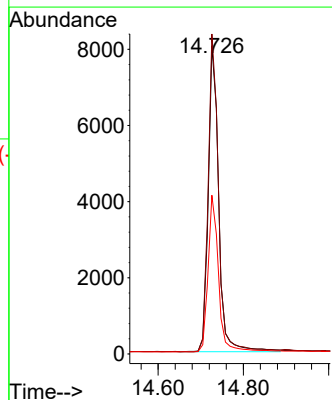
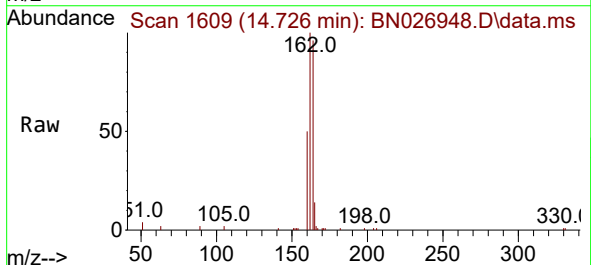
Instrument :
BNA_N
ClientSampleId :
MW178I-20230815

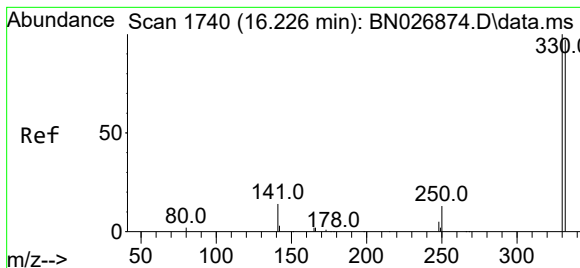
Tgt Ion:152 Resp: 10806
Ion Ratio Lower Upper
152 100
151 19.9 16.3 24.5



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.726 min Scan# 1609
Delta R.T. -0.000 min
Lab File: BN026948.D
Acq: 17 Aug 2023 18:41

Tgt Ion:164 Resp: 13641
Ion Ratio Lower Upper
164 100
162 103.9 79.7 119.5
160 51.5 37.4 56.0

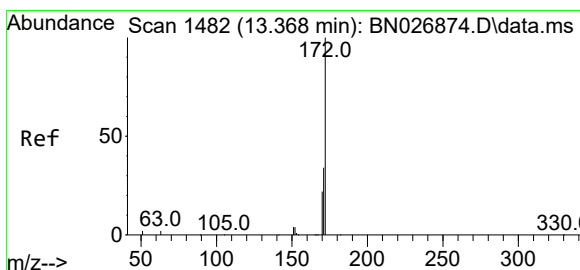
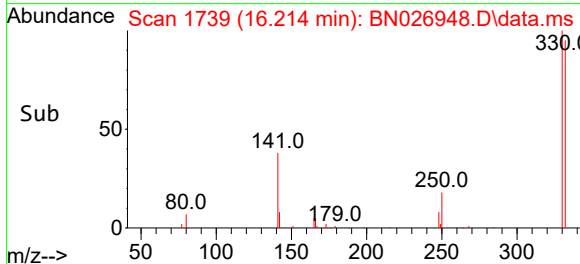
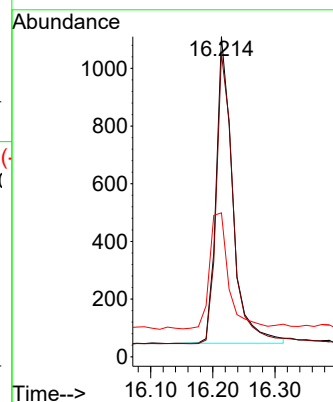
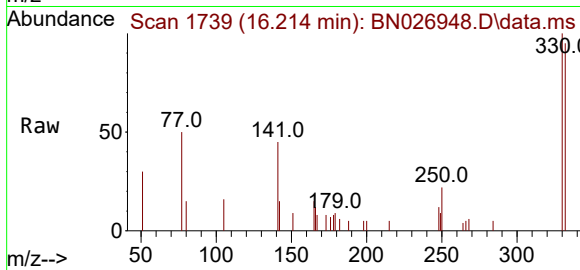




#14
2,4,6-Tribromophenol
Concen: 0.272 ng
RT: 16.214 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN026948.D
Acq: 17 Aug 2023 18:41

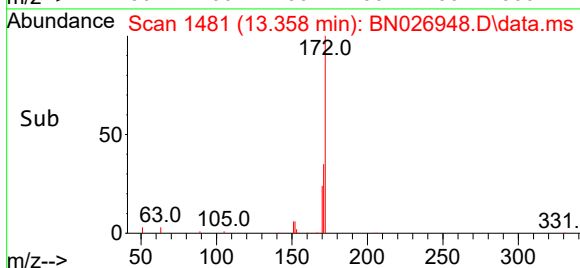
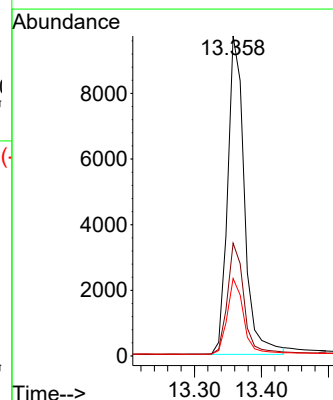
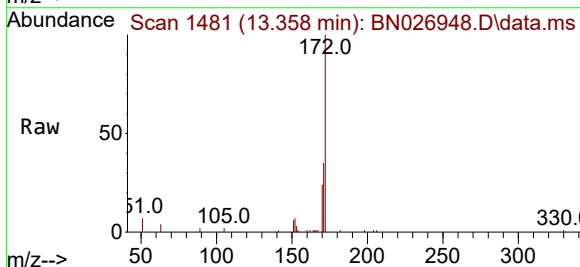
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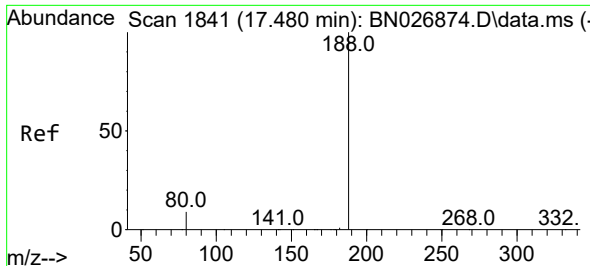
Tgt Ion:330 Resp: 1975
Ion Ratio Lower Upper
330 100
332 96.9 76.6 114.8
141 43.5 32.3 48.5



#15
2-Fluorobiphenyl
Concen: 0.335 ng
RT: 13.358 min Scan# 1481
Delta R.T. -0.000 min
Lab File: BN026948.D
Acq: 17 Aug 2023 18:41

Tgt Ion:172 Resp: 16962
Ion Ratio Lower Upper
172 100
171 35.2 27.4 41.0
170 24.2 18.0 27.0

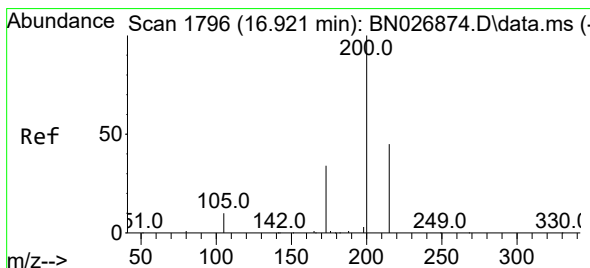
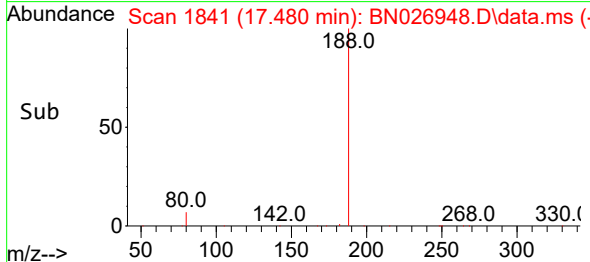
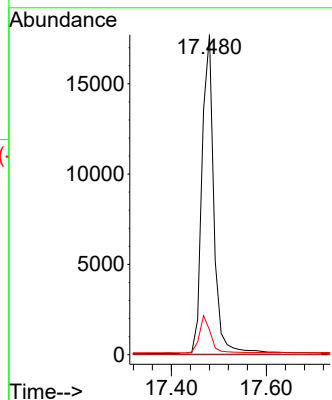
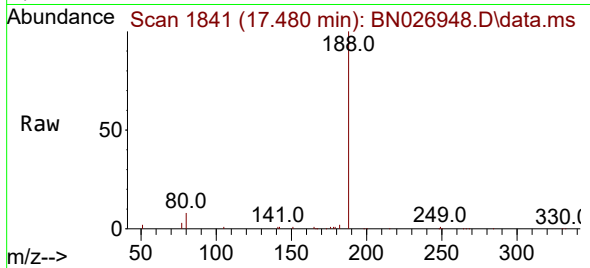




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.480 min Scan# 1841
Delta R.T. -0.000 min
Lab File: BN026948.D
Acq: 17 Aug 2023 18:41

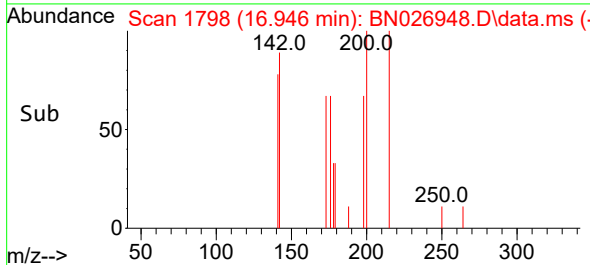
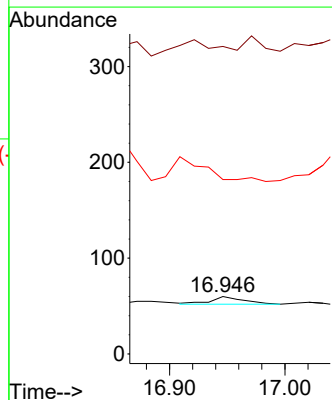
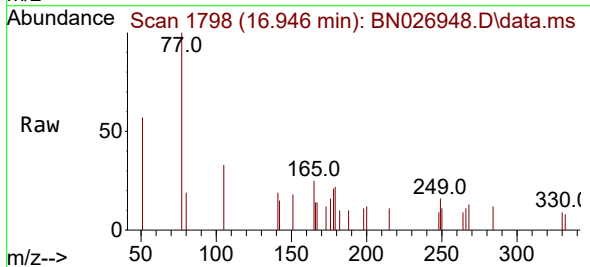
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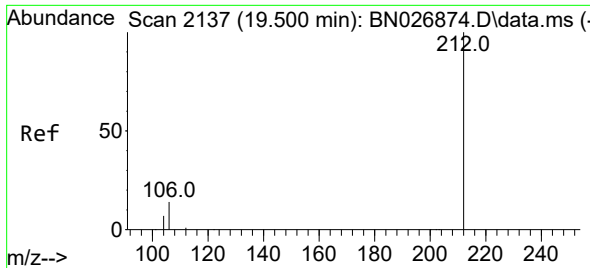
Tgt Ion:188 Resp: 30728
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.8 7.4 11.2



#20
4,6-Dinitro-2-methylphenol
Concen: 0.033 ng
RT: 16.946 min Scan# 1798
Delta R.T. 0.025 min
Lab File: BN026948.D
Acq: 17 Aug 2023 18:41

Tgt Ion:198 Resp: 16
Ion Ratio Lower Upper
198 100
51 535.0 143.8 215.8#
105 303.3 273.5 410.3

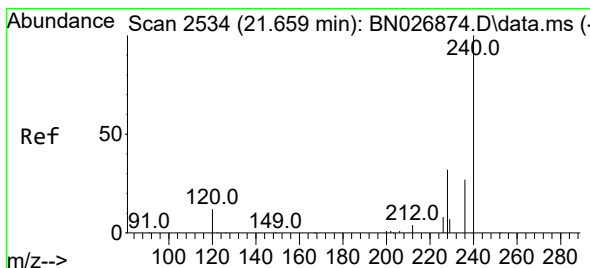
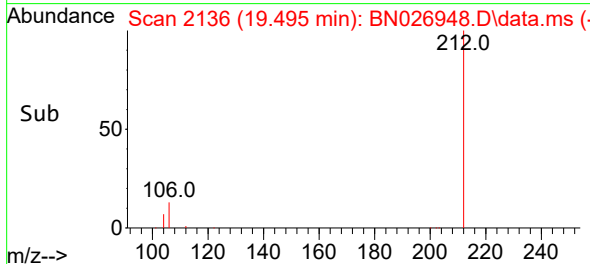
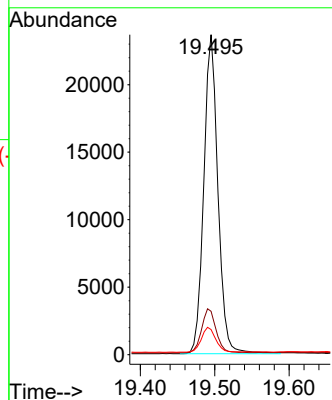
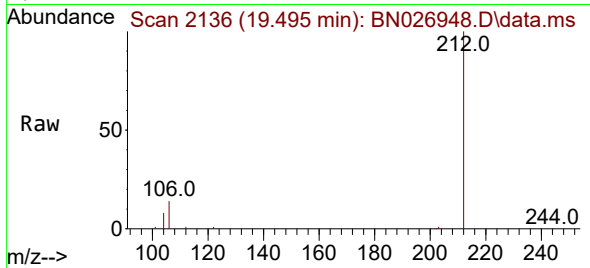




#27
Fluoranthene-d10
Concen: 0.396 ng
RT: 19.495 min Scan# 2136
Delta R.T. -0.005 min
Lab File: BN026948.D
Acq: 17 Aug 2023 18:41

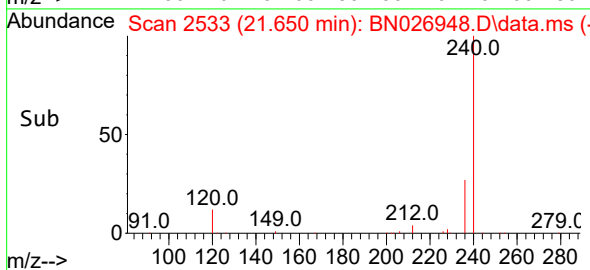
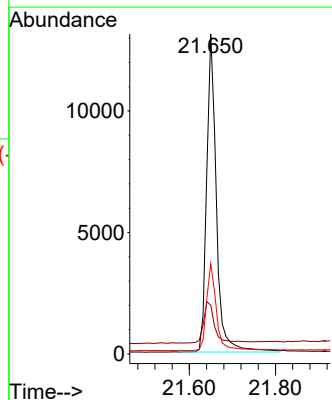
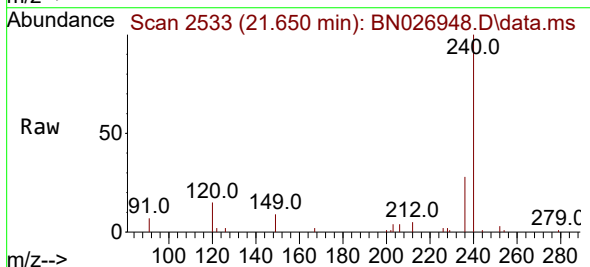
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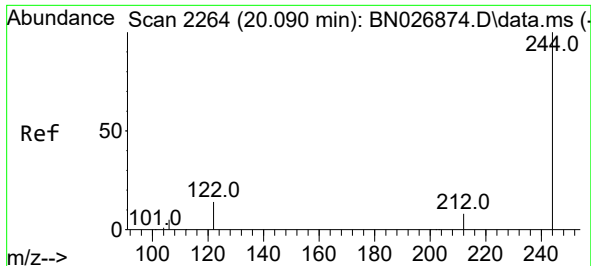
Tgt Ion:212 Resp: 31242
Ion Ratio Lower Upper
212 100
106 14.2 10.9 16.3
104 8.0 5.9 8.9



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.650 min Scan# 2533
Delta R.T. -0.009 min
Lab File: BN026948.D
Acq: 17 Aug 2023 18:41

Tgt Ion:240 Resp: 20649
Ion Ratio Lower Upper
240 100
120 15.3 11.1 16.7
236 28.2 22.2 33.2

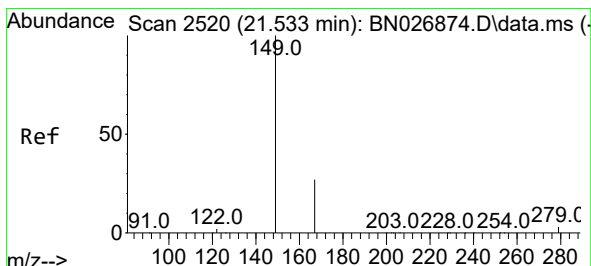
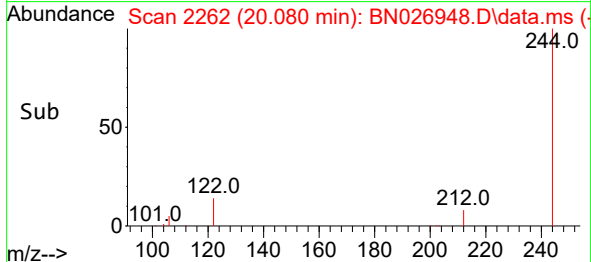
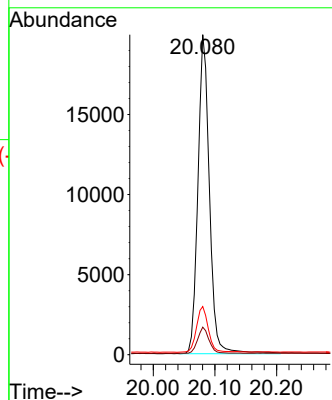
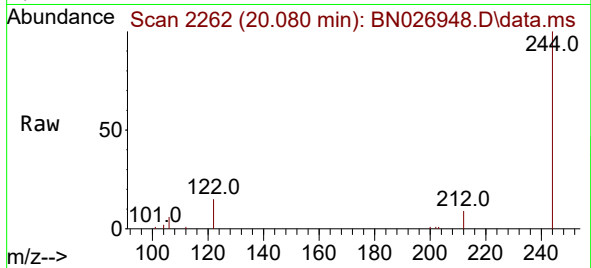




#31
Terphenyl-d14
Concen: 0.601 ng
RT: 20.080 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN026948.D
Acq: 17 Aug 2023 18:41

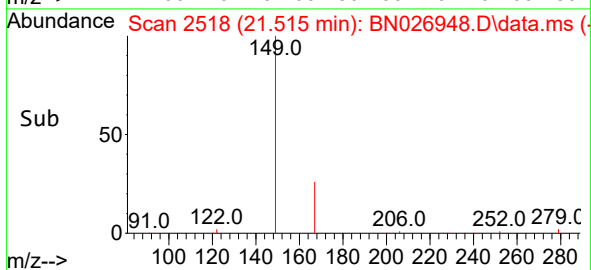
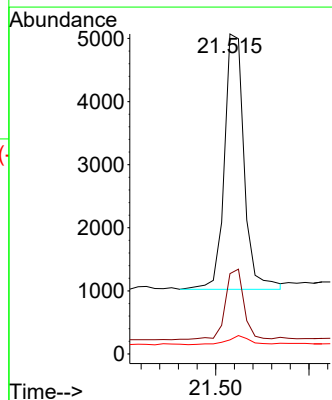
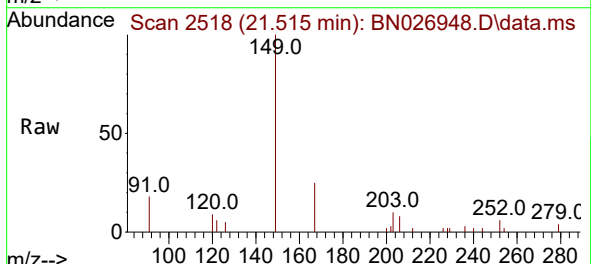
Instrument :
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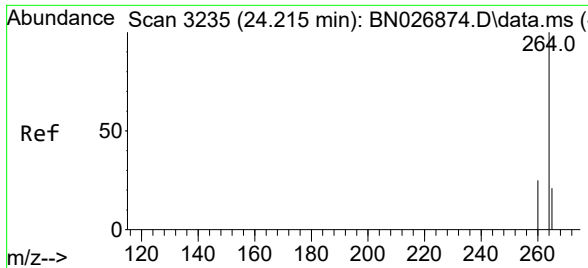
Tgt Ion:244 Resp: 25926
Ion Ratio Lower Upper
244 100
212 8.6 6.9 10.3
122 15.1 11.9 17.9



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.110 ng
RT: 21.515 min Scan# 2518
Delta R.T. -0.009 min
Lab File: BN026948.D
Acq: 17 Aug 2023 18:41

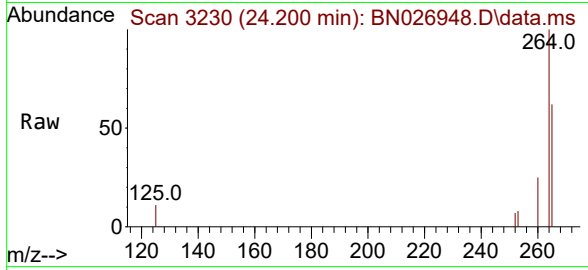
Tgt Ion:149 Resp: 5919
Ion Ratio Lower Upper
149 100
167 26.0 21.4 32.0
279 4.0 3.6 5.4





#35
Perylene-d12
Concen: 0.400 ng
RT: 24.200 min Scan# 31
Delta R.T. -0.003 min
Lab File: BN026948.D
Acq: 17 Aug 2023 18:41

Instrument :
BNA_N
ClientSampleId :
MW178I-20230815



Tgt Ion:264 Resp: 19021
Ion Ratio Lower Upper
264 100
260 25.3 20.4 30.6
265 62.2 27.0 40.6#

