

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082523\
 Data File : BN027128.D
 Acq On : 25 Aug 2023 20:53
 Operator : MA/JU
 Sample : 04024-22
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE103D2-20230815

Quant Time: Aug 26 02:18:25 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 26 02:13:59 2023
 Response via : Initial Calibration

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

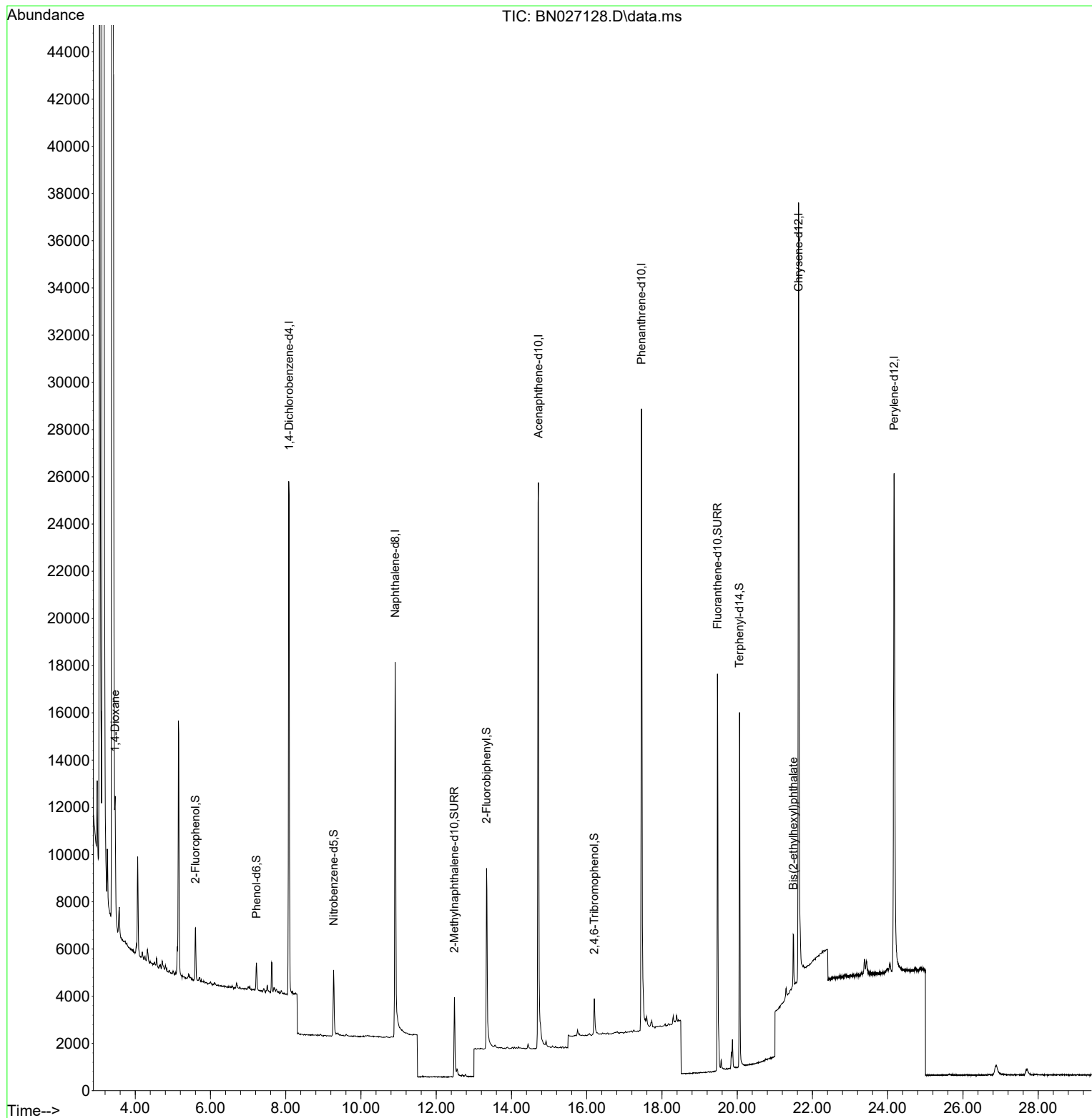
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.088	152	11195	0.400	ng	0.00
7) Naphthalene-d8	10.906	136	25525	0.400	ng	0.00
13) Acenaphthene-d10	14.715	164	17342	0.400	ng	0.01
19) Phenanthrene-d10	17.455	188	41059	0.400	ng	# 0.00
29) Chrysene-d12	21.632	240	34726	0.400	ng	0.00
35) Perylene-d12	24.168	264	35368	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.603	112	2000	0.063	ng	0.00
5) Phenol-d6	7.221	99	1262	0.032	ng	0.00
8) Nitrobenzene-d5	9.273	82	2630	0.122	ng	0.00
11) 2-Methylnaphthalene-d10	12.483	152	5649	0.139	ng	0.00
14) 2,4,6-Tribromophenol	16.202	330	1040	0.113	ng	0.00
15) 2-Fluorobiphenyl	13.336	172	8560	0.133	ng	0.00
27) Fluoranthene-d10	19.477	212	19244	0.183	ng	0.00
31) Terphenyl-d14	20.062	244	15618	0.215	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.466	88	2784	0.231	ng	# 86
34) Bis(2-ethylhexyl)phtha...	21.489	149	2640	0.029	ng	# 97

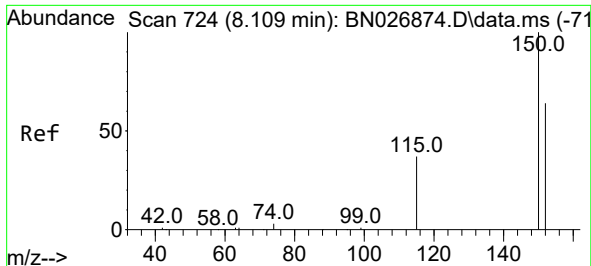
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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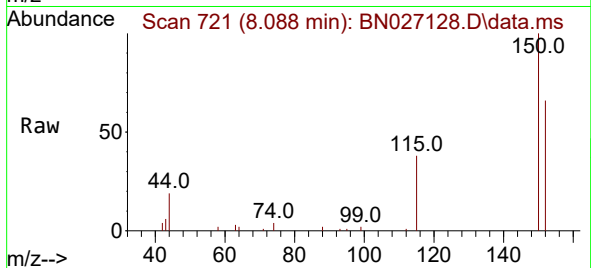
Quant Time: Aug 26 02:18:25 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 26 02:13:59 2023
Response via : Initial Calibration



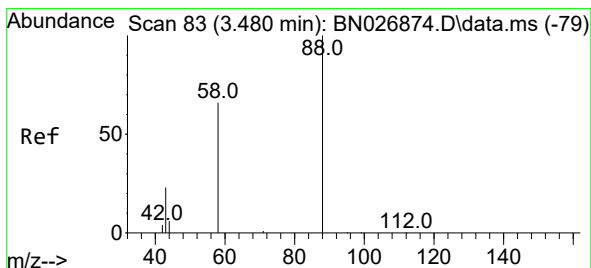
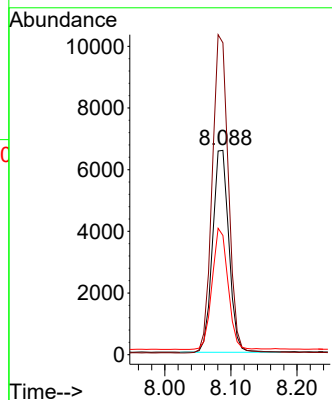
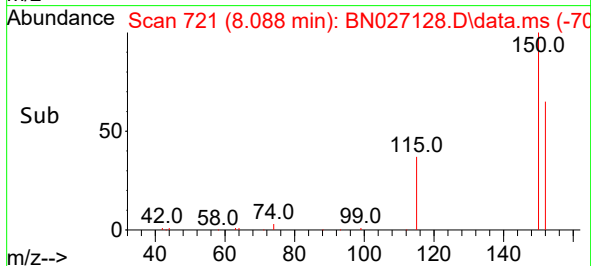


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.088 min Scan# 71
Delta R.T. -0.000 min
Lab File: BN027128.D
Acq: 25 Aug 2023 20:53

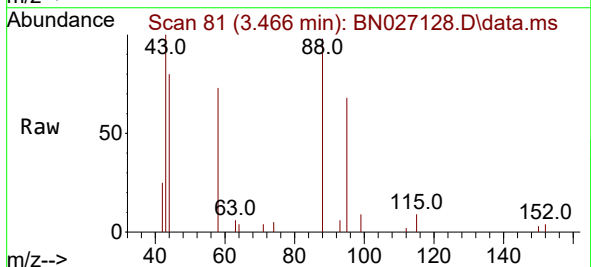
Instrument :
BNA_N
ClientSampleId :
RE103D2-20230815



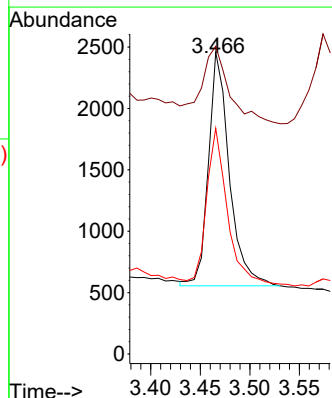
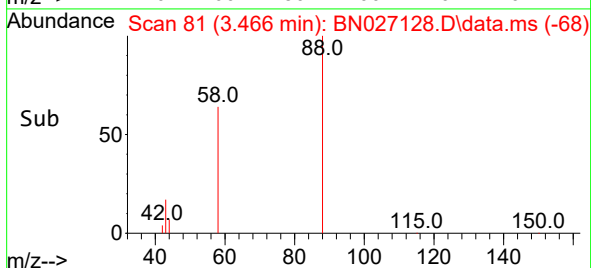
Tgt Ion:152 Resp: 11195
Ion Ratio Lower Upper
152 100
150 152.6 123.8 185.6
115 58.3 49.7 74.5

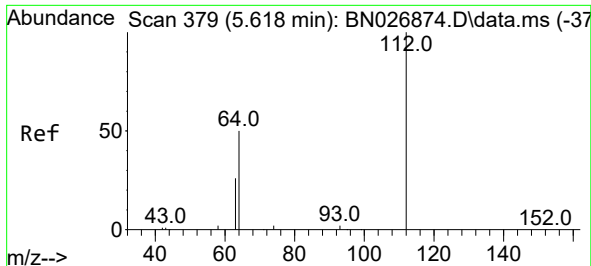


#2
1,4-Dioxane
Concen: 0.231 ng
RT: 3.466 min Scan# 81
Delta R.T. -0.007 min
Lab File: BN027128.D
Acq: 25 Aug 2023 20:53



Tgt Ion: 88 Resp: 2784
Ion Ratio Lower Upper
88 100
43 45.0 19.2 28.8#
58 65.1 54.5 81.7

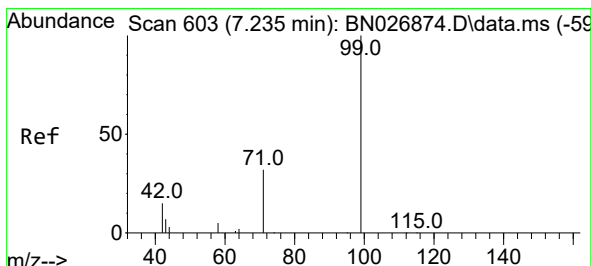
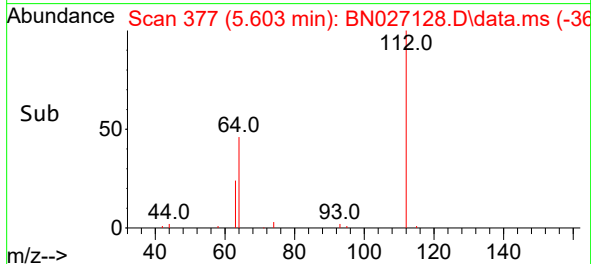
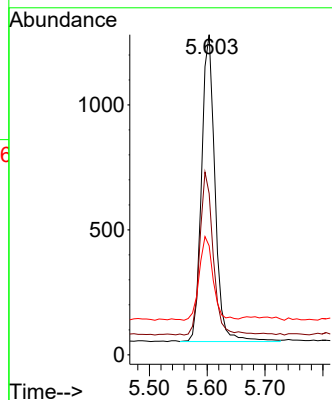
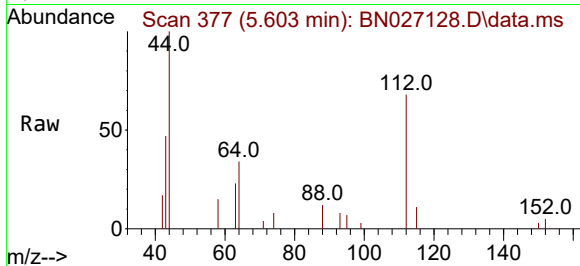




#4
2-Fluorophenol
Concen: 0.063 ng
RT: 5.603 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN027128.D
Acq: 25 Aug 2023 20:53

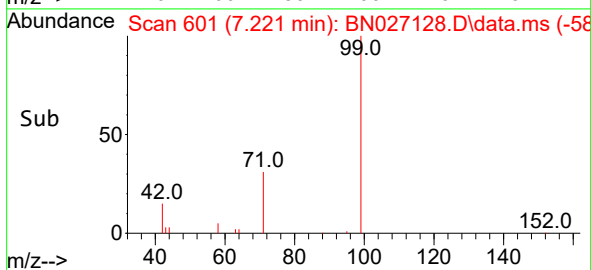
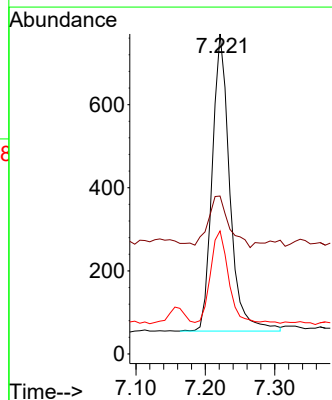
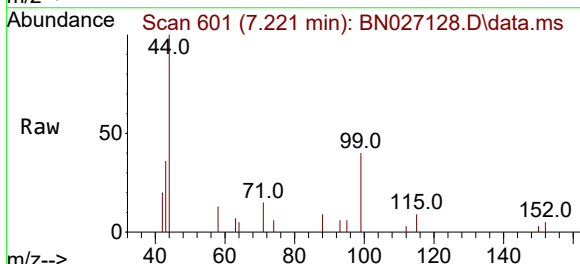
Instrument :
BNA_N
ClientSampleId :
RE103D2-20230815

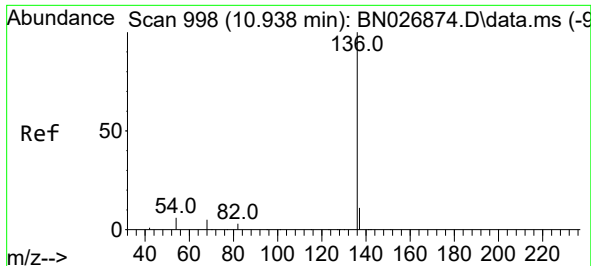
Tgt Ion:112 Resp: 2000
Ion Ratio Lower Upper
112 100
64 52.4 41.5 62.3
63 27.9 21.7 32.5



#5
Phenol-d6
Concen: 0.032 ng
RT: 7.221 min Scan# 601
Delta R.T. 0.000 min
Lab File: BN027128.D
Acq: 25 Aug 2023 20:53

Tgt Ion: 99 Resp: 1262
Ion Ratio Lower Upper
99 100
42 20.8 13.6 20.4#
71 30.6 26.0 39.0

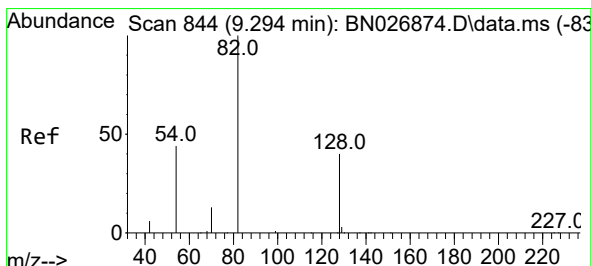
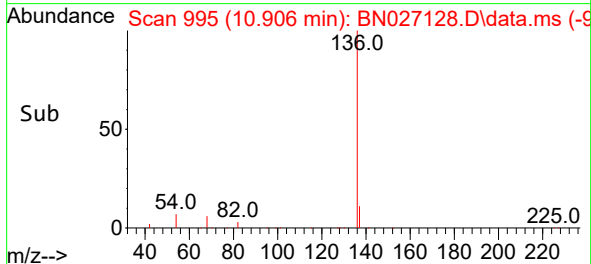
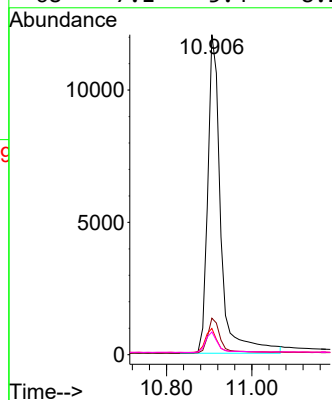
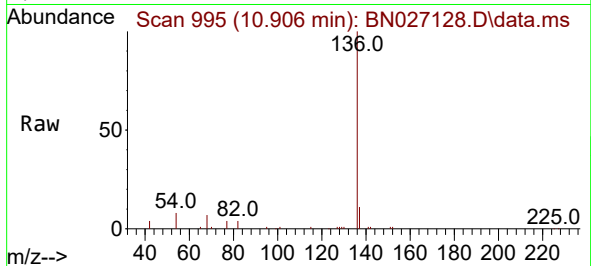




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.906 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN027128.D
Acq: 25 Aug 2023 20:53

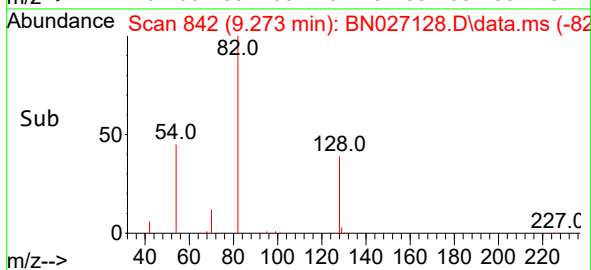
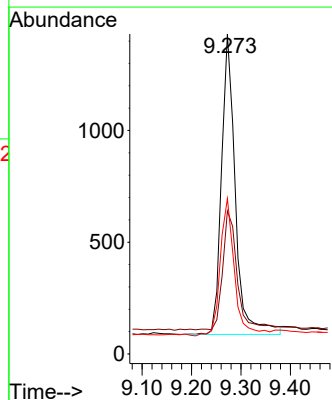
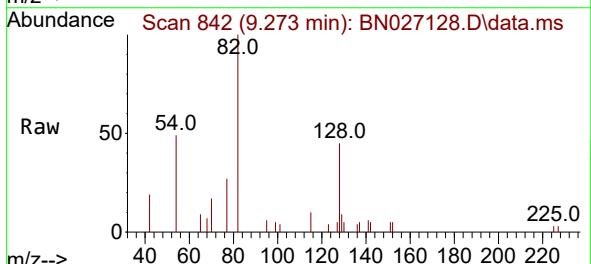
Instrument :
BNA_N
ClientSampleId :
RE103D2-20230815

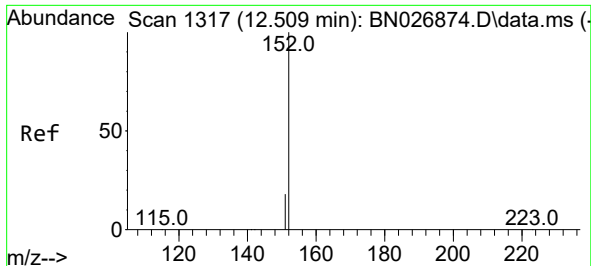
Tgt Ion:	136	Resp:	25525
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.6
54	8.2	5.5	8.3
68	7.1	5.4	8.2



#8
Nitrobenzene-d5
Concen: 0.122 ng
RT: 9.273 min Scan# 842
Delta R.T. 0.000 min
Lab File: BN027128.D
Acq: 25 Aug 2023 20:53

Tgt Ion:	82	Resp:	2630
Ion	Ratio	Lower	Upper
82	100		
128	44.7	34.1	51.1
54	48.5	37.0	55.4





#11

2-Methylnaphthalene-d10

Concen: 0.139 ng

RT: 12.483 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN027128.D

Acq: 25 Aug 2023 20:53

Instrument :

BNA_N

ClientSampleId :

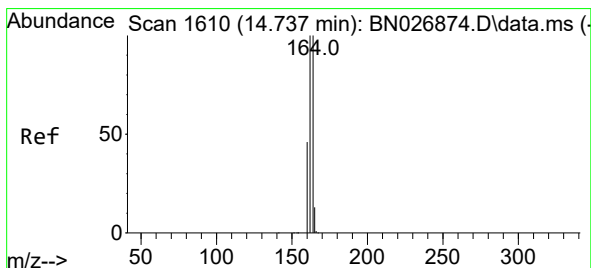
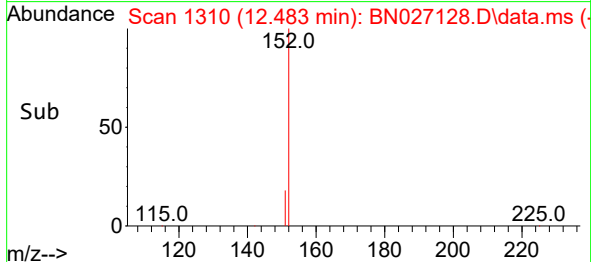
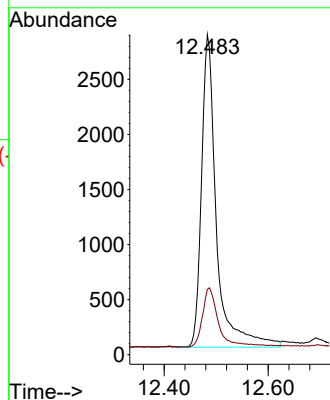
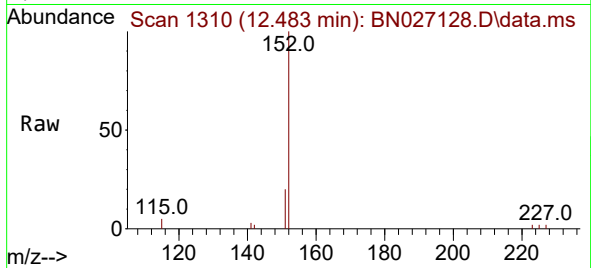
RE103D2-20230815

Tgt Ion:152 Resp: 5649

Ion Ratio Lower Upper

152 100

151 20.6 16.3 24.5



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.715 min Scan# 1608

Delta R.T. 0.011 min

Lab File: BN027128.D

Acq: 25 Aug 2023 20:53

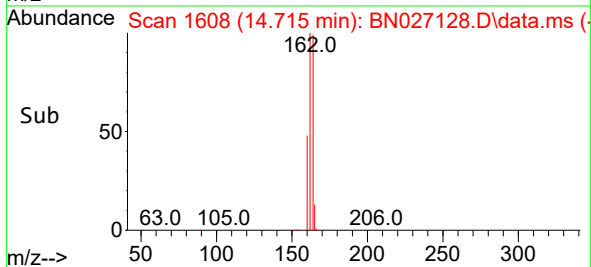
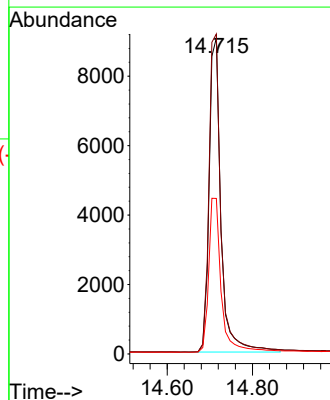
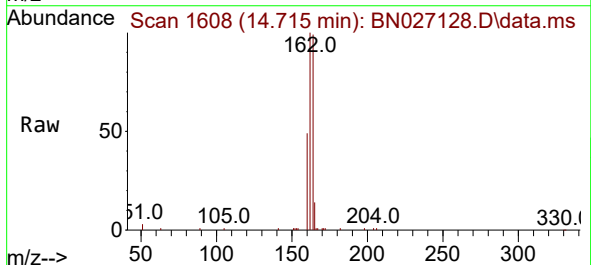
Tgt Ion:164 Resp: 17342

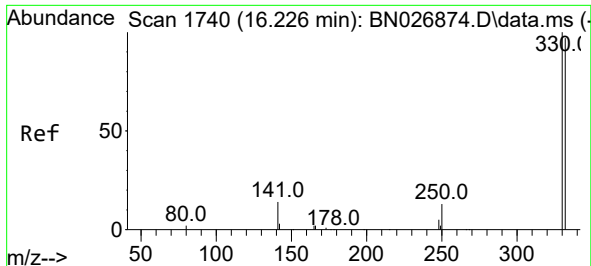
Ion Ratio Lower Upper

164 100

162 101.3 79.7 119.5

160 49.2 37.4 56.0

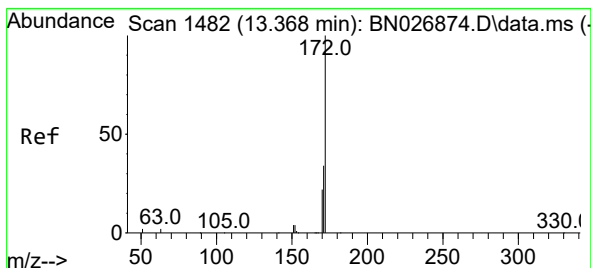
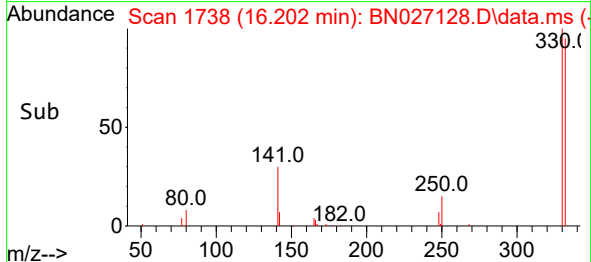
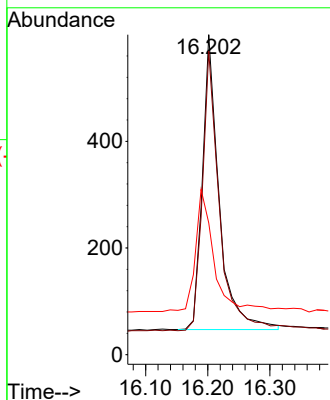
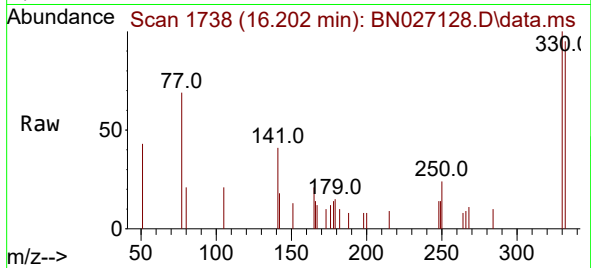




#14
2,4,6-Tribromophenol
Concen: 0.113 ng
RT: 16.202 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN027128.D
Acq: 25 Aug 2023 20:53

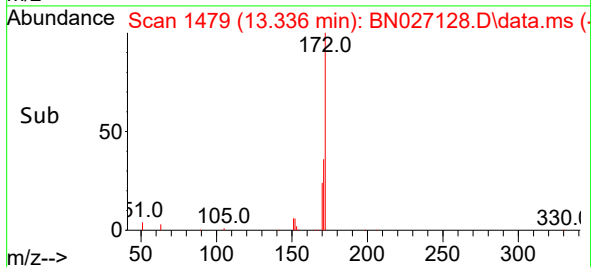
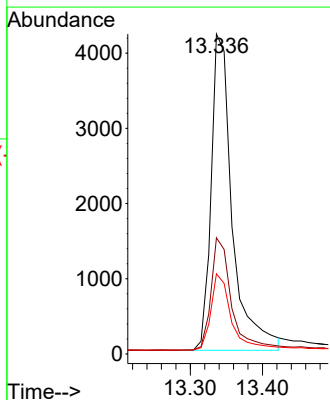
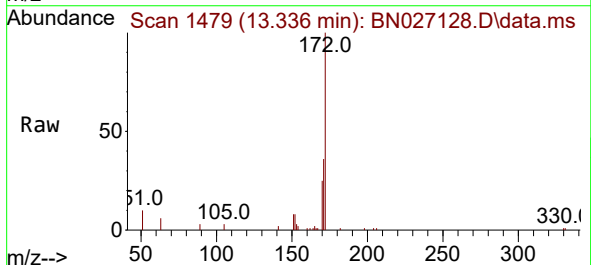
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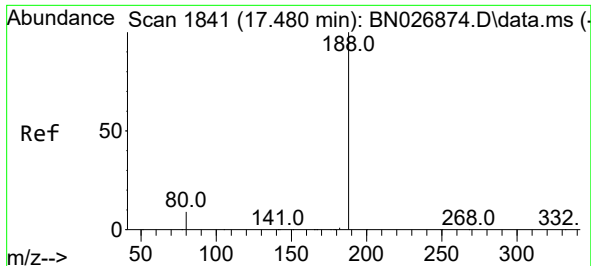
Tgt Ion: 330 Resp: 1040
Ion Ratio Lower Upper
330 100
332 95.4 76.6 114.8
141 42.9 32.3 48.5



#15
2-Fluorobiphenyl
Concen: 0.133 ng
RT: 13.336 min Scan# 1479
Delta R.T. 0.000 min
Lab File: BN027128.D
Acq: 25 Aug 2023 20:53

Tgt Ion: 172 Resp: 8560
Ion Ratio Lower Upper
172 100
171 36.3 27.4 41.0
170 25.1 18.0 27.0

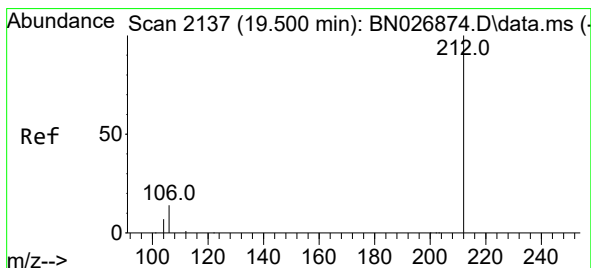
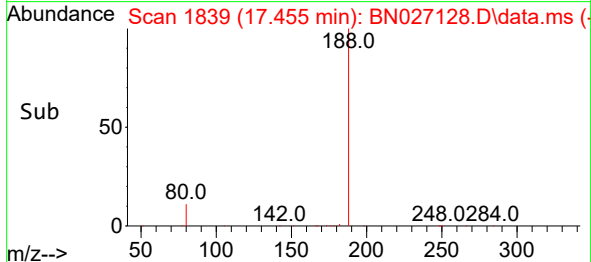
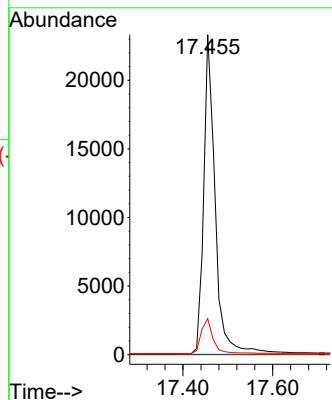
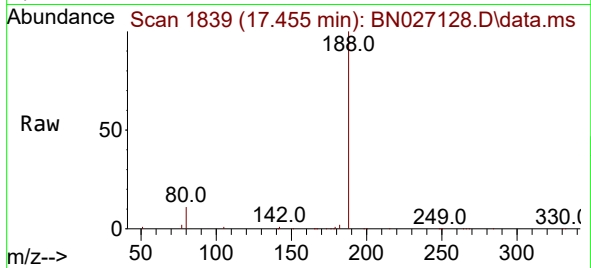




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.455 min Scan# 1839
Delta R.T. 0.000 min
Lab File: BN027128.D
Acq: 25 Aug 2023 20:53

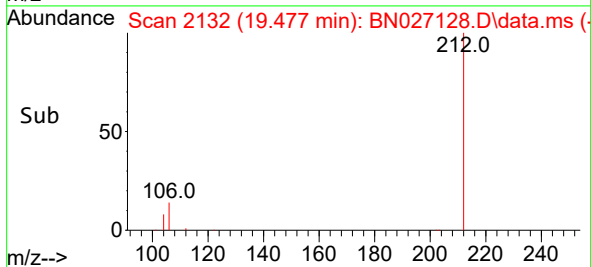
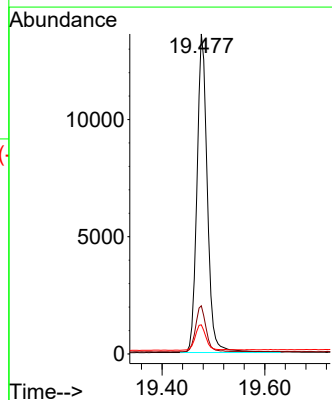
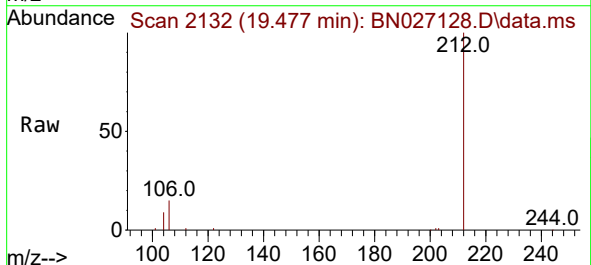
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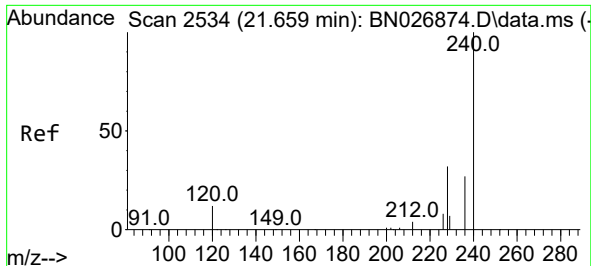
Tgt Ion:188 Resp: 41059
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.2 7.4 11.2#



#27
Fluoranthene-d10
Concen: 0.183 ng
RT: 19.477 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BN027128.D
Acq: 25 Aug 2023 20:53

Tgt Ion:212 Resp: 19244
Ion Ratio Lower Upper
212 100
106 14.6 10.9 16.3
104 8.4 5.9 8.9

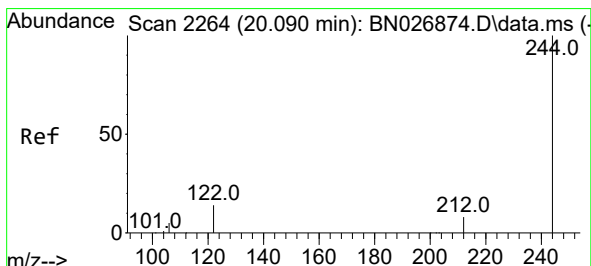
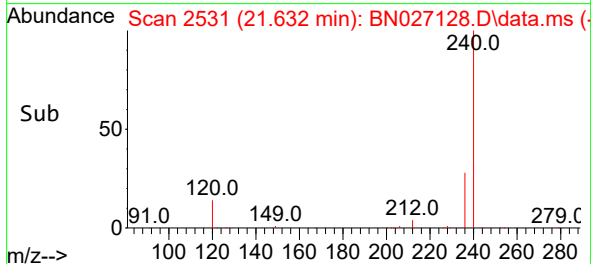
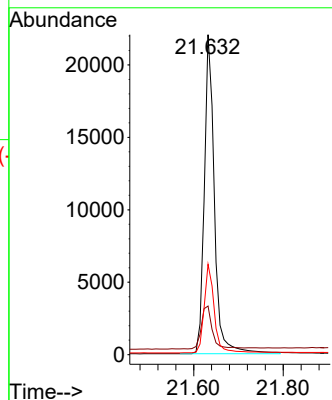
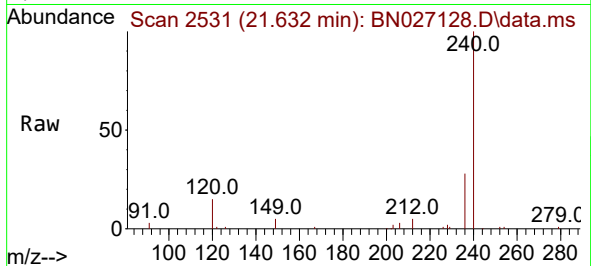




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.632 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN027128.D
Acq: 25 Aug 2023 20:53

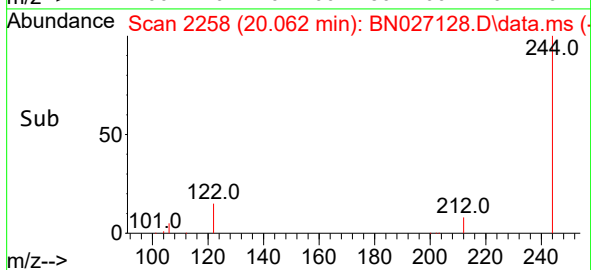
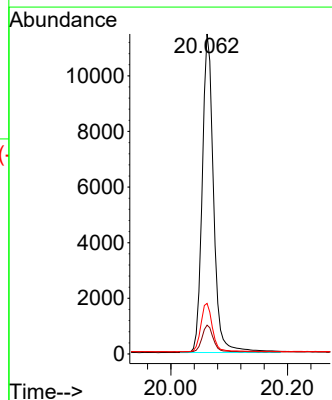
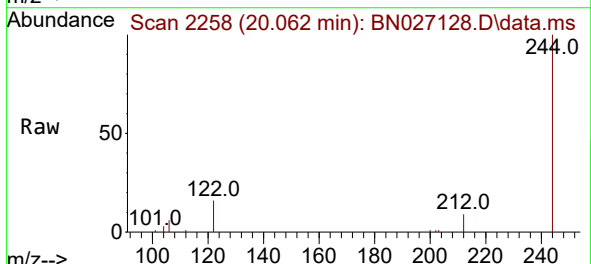
Instrument :
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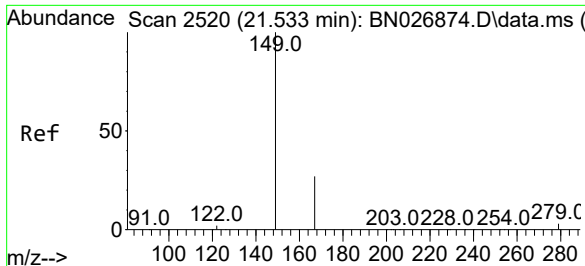
Tgt Ion:240 Resp: 34726
Ion Ratio Lower Upper
240 100
120 15.2 11.1 16.7
236 28.3 22.2 33.2



#31
Terphenyl-d14
Concen: 0.215 ng
RT: 20.062 min Scan# 2258
Delta R.T. 0.000 min
Lab File: BN027128.D
Acq: 25 Aug 2023 20:53

Tgt Ion:244 Resp: 15618
Ion Ratio Lower Upper
244 100
212 9.0 6.9 10.3
122 15.8 11.9 17.9

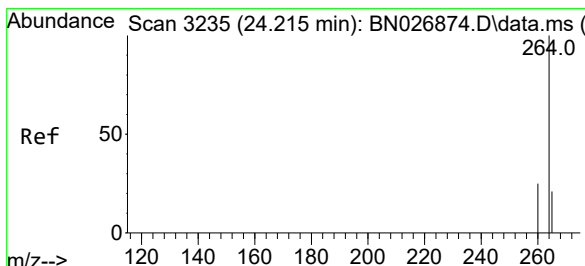
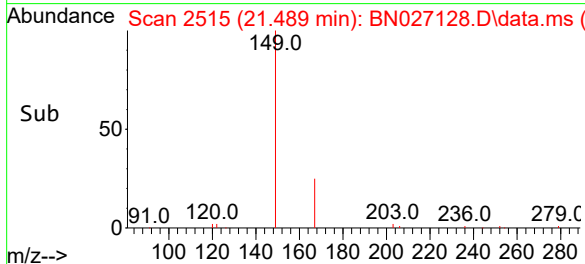
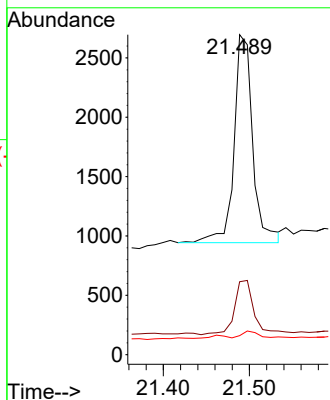
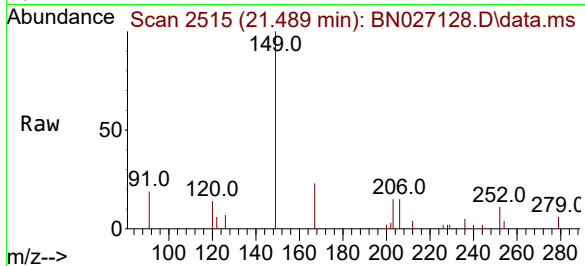




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.029 ng
 RT: 21.489 min Scan# 2149
 Delta R.T. -0.009 min
 Lab File: BN027128.D
 Acq: 25 Aug 2023 20:53

Instrument :
 BNA_N
 ClientSampleId :
 RE103D2-20230815

Tgt Ion:149 Resp: 2640
 Ion Ratio Lower Upper
 149 100
 167 28.0 21.4 32.0
 279 3.2 3.6 5.4#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.168 min Scan# 3219
 Delta R.T. -0.003 min
 Lab File: BN027128.D
 Acq: 25 Aug 2023 20:53

Tgt Ion:264 Resp: 35368
 Ion Ratio Lower Upper
 264 100
 260 25.7 20.4 30.6
 265 42.3 27.0 40.6#

