

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082523\
 Data File : BN027119.D
 Acq On : 25 Aug 2023 15:18
 Operator : MA/JU
 Sample : 04024-15
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE103D1-20230815

Quant Time: Aug 26 02:16:44 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)

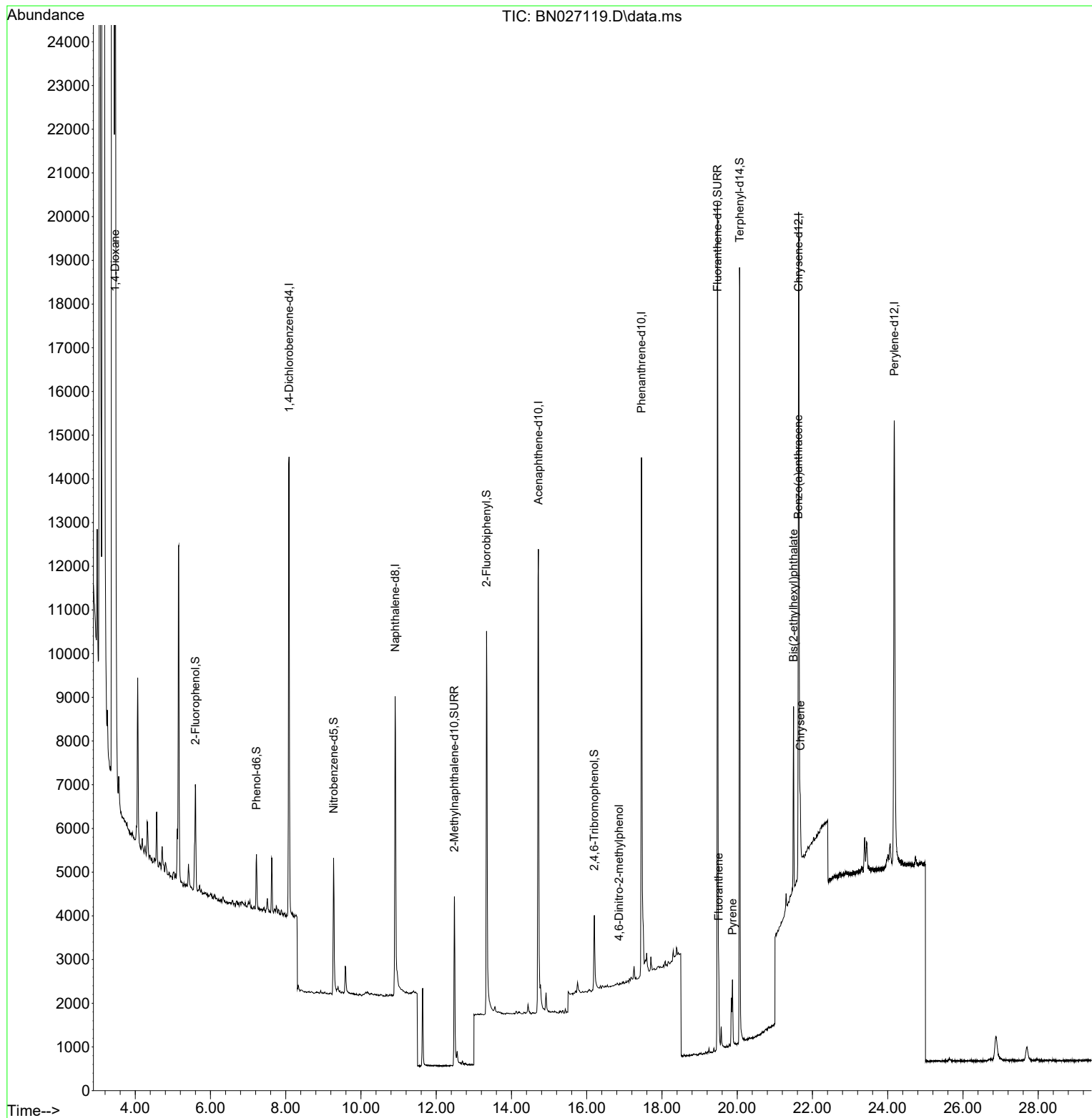
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.088	152	5191	0.400	ng	0.00
7) Naphthalene-d8	10.906	136	11462	0.400	ng	# 0.00
13) Acenaphthene-d10	14.715	164	7715	0.400	ng	0.01
19) Phenanthrene-d10	17.455	188	17997	0.400	ng	# 0.00
29) Chrysene-d12	21.632	240	16567	0.400	ng	# 0.00
35) Perylene-d12	24.174	264	17290	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.603	112	2034	0.139	ng	0.00
5) Phenol-d6	7.221	99	1346	0.074	ng	0.00
8) Nitrobenzene-d5	9.273	82	2802	0.289	ng	0.00
11) 2-Methylnaphthalene-d10	12.483	152	6214	0.341	ng	0.00
14) 2,4,6-Tribromophenol	16.201	330	1189	0.290	ng	0.00
15) 2-Fluorobiphenyl	13.336	172	9432	0.329	ng	0.00
27) Fluoranthene-d10	19.476	212	22093	0.479	ng	0.00
31) Terphenyl-d14	20.066	244	18323	0.529	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.465	88	32462	5.815	ng	96
20) 4,6-Dinitro-2-methylph...	16.859	198	10	0.035	ng	# 16
28) Fluoranthene	19.509	202	1437	0.023	ng	# 90
30) Pyrene	19.871	202	1418	0.022	ng	96
32) Benzo(a)anthracene	21.623	228	1212	0.020	ng	# 85
33) Chrysene	21.677	228	1254	0.021	ng	# 88
34) Bis(2-ethylhexyl)phtha...	21.497	149	4066	0.094	ng	# 98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082523\
Data File : BN027119.D
Acq On : 25 Aug 2023 15:18
Operator : MA/JU
Sample : 04024-15
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE103D1-20230815

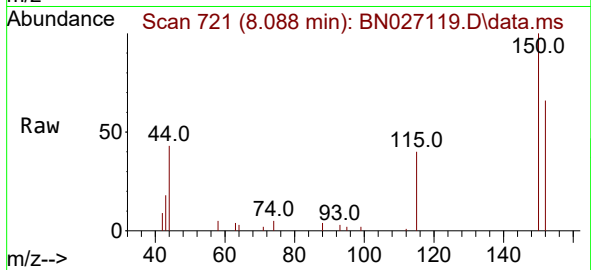
Quant Time: Aug 26 02:16:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 26 02:13:59 2023
Response via : Initial Calibration



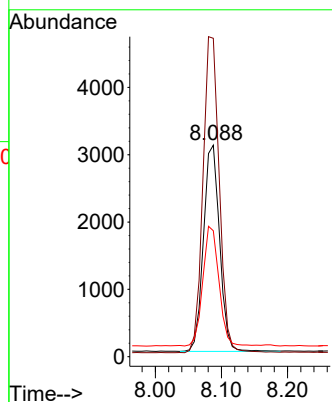
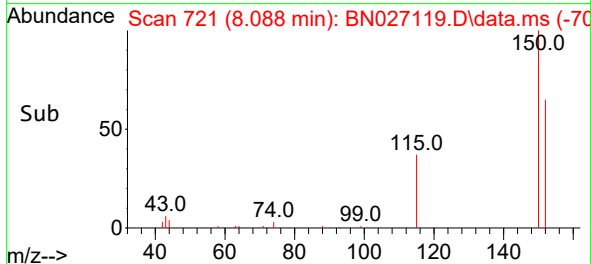


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.088 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BN027119.D
 Acq: 25 Aug 2023 15:18

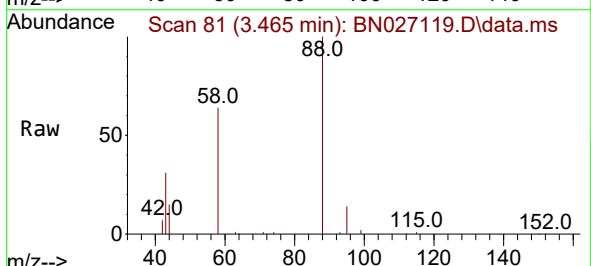
Instrument :
 BNA_N
 ClientSampleId :
 RE103D1-20230815



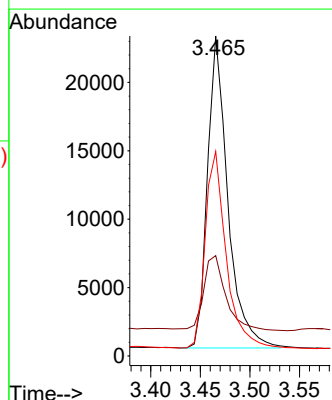
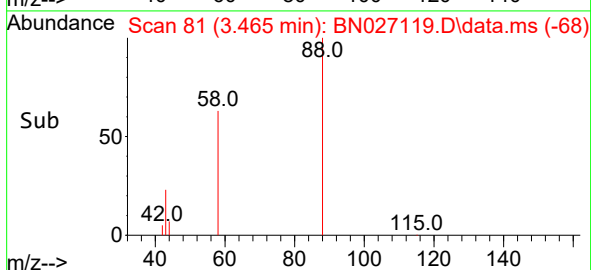
Tgt Ion:152 Resp: 5191
 Ion Ratio Lower Upper
 152 100
 150 150.5 123.8 185.6
 115 59.5 49.7 74.5



#2
 1,4-Dioxane
 Concen: 5.815 ng
 RT: 3.465 min Scan# 81
 Delta R.T. -0.007 min
 Lab File: BN027119.D
 Acq: 25 Aug 2023 15:18



Tgt Ion: 88 Resp: 32462
 Ion Ratio Lower Upper
 88 100
 43 26.1 19.2 28.8
 58 64.8 54.5 81.7

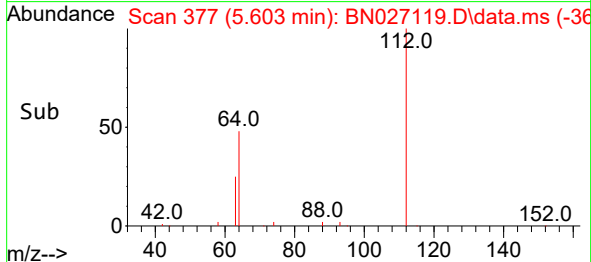
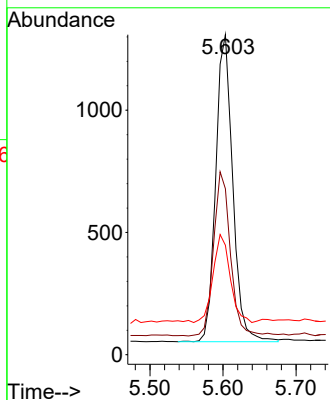
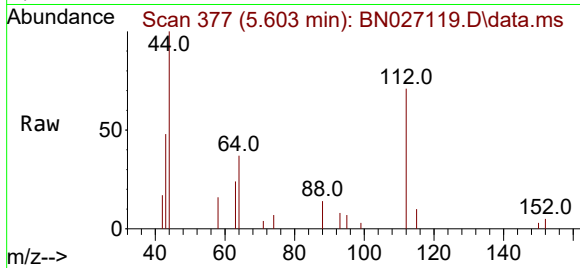




#4
2-Fluorophenol
Concen: 0.139 ng
RT: 5.603 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN027119.D
Acq: 25 Aug 2023 15:18

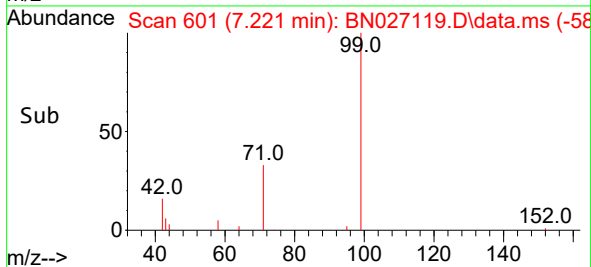
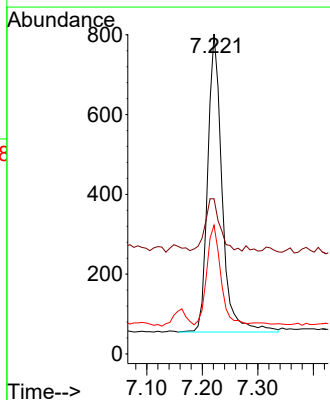
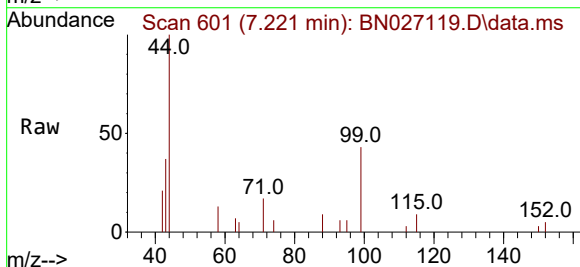
Instrument :
BNA_N
ClientSampleId :
RE103D1-20230815

Tgt Ion:112 Resp: 2034
Ion Ratio Lower Upper
112 100
64 53.0 41.5 62.3
63 28.6 21.7 32.5



#5
Phenol-d6
Concen: 0.074 ng
RT: 7.221 min Scan# 601
Delta R.T. 0.000 min
Lab File: BN027119.D
Acq: 25 Aug 2023 15:18

Tgt Ion: 99 Resp: 1346
Ion Ratio Lower Upper
99 100
42 19.1 13.6 20.4
71 32.4 26.0 39.0

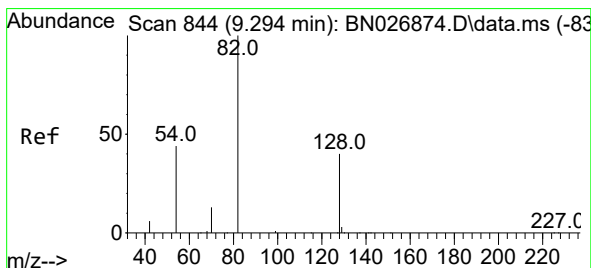
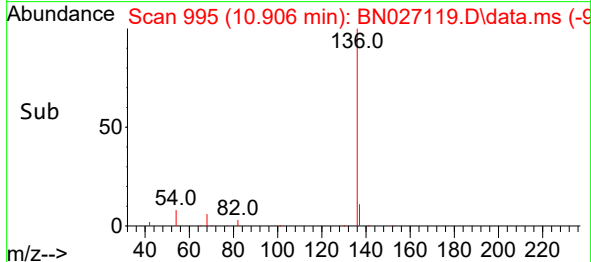
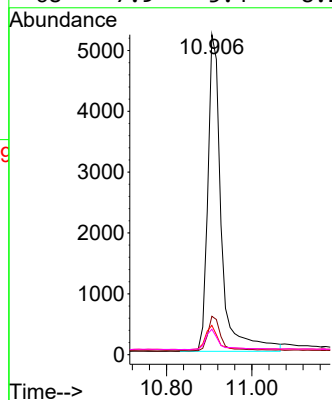
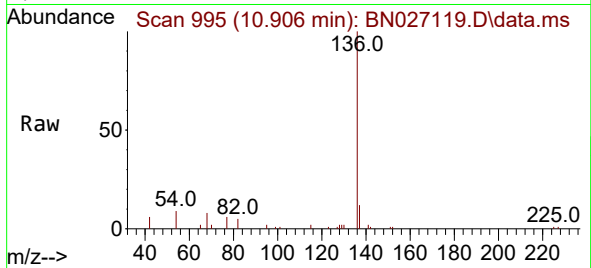




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.906 min Scan# 998
Delta R.T. 0.000 min
Lab File: BN027119.D
Acq: 25 Aug 2023 15:18

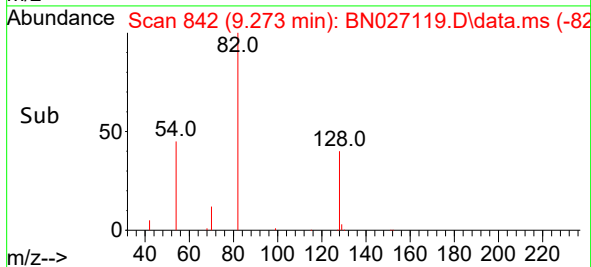
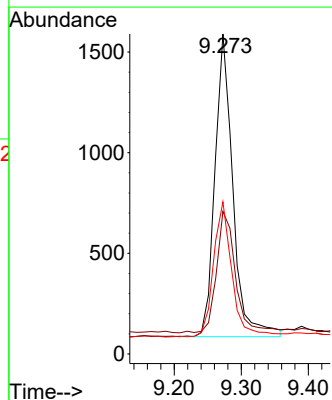
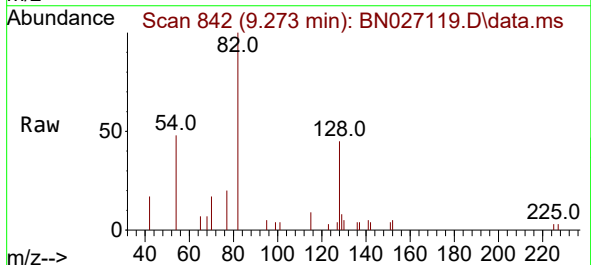
Instrument :
BNA_N
ClientSampleId :
RE103D1-20230815

Tgt Ion:	136	Resp:	11462
Ion Ratio	Lower	Upper	
136	100		
137	12.0	9.0	13.6
54	9.2	5.5	8.3#
68	7.9	5.4	8.2



#8
Nitrobenzene-d5
Concen: 0.289 ng
RT: 9.273 min Scan# 842
Delta R.T. 0.000 min
Lab File: BN027119.D
Acq: 25 Aug 2023 15:18

Tgt Ion:	82	Resp:	2802
Ion Ratio	Lower	Upper	
82	100		
128	44.5	34.1	51.1
54	47.5	37.0	55.4

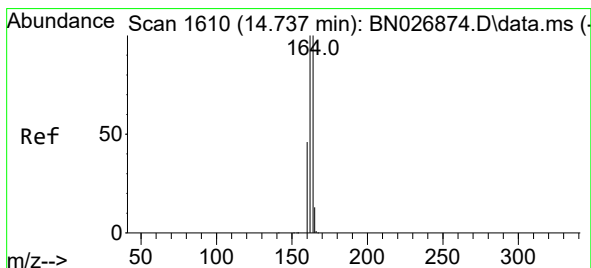
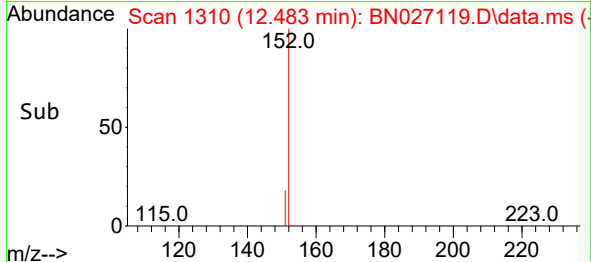
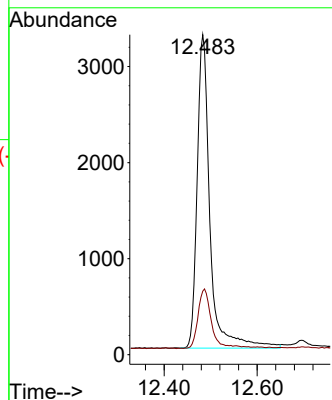
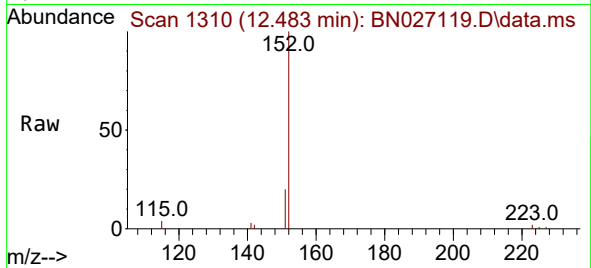




#11
2-Methylnaphthalene-d10
Concen: 0.341 ng
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN027119.D
Acq: 25 Aug 2023 15:18

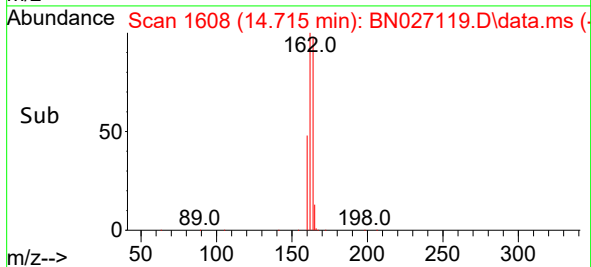
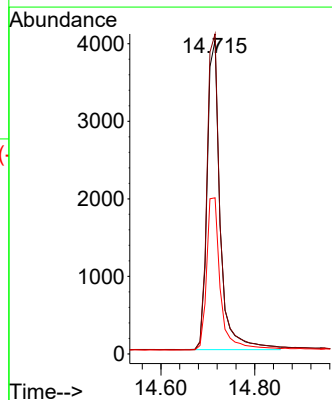
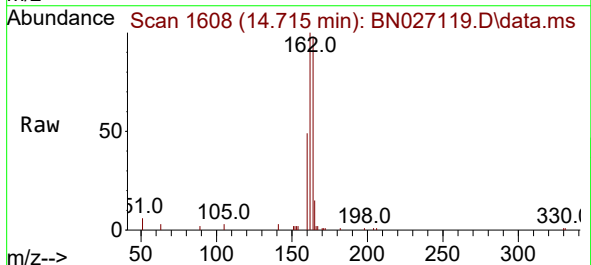
Instrument :
BNA_N
ClientSampleId :
RE103D1-20230815

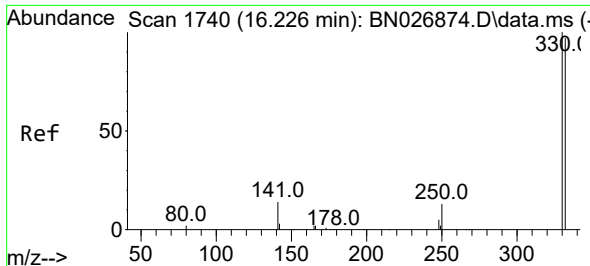
Tgt Ion:152 Resp: 6214
Ion Ratio Lower Upper
152 100
151 19.5 16.3 24.5



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.715 min Scan# 1608
Delta R.T. 0.011 min
Lab File: BN027119.D
Acq: 25 Aug 2023 15:18

Tgt Ion:164 Resp: 7715
Ion Ratio Lower Upper
164 100
162 102.0 79.7 119.5
160 49.8 37.4 56.0

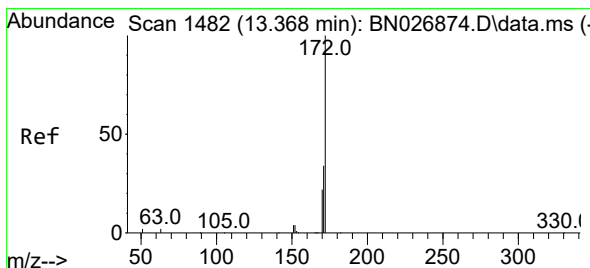
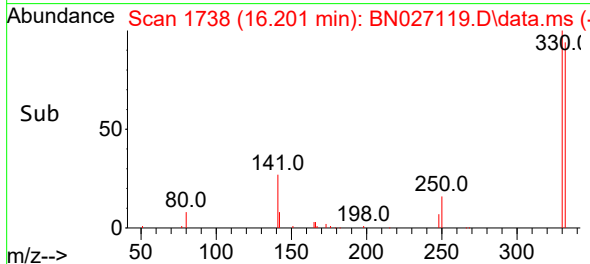
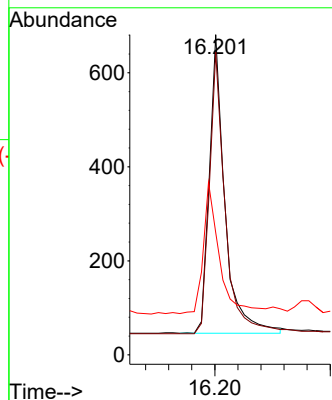
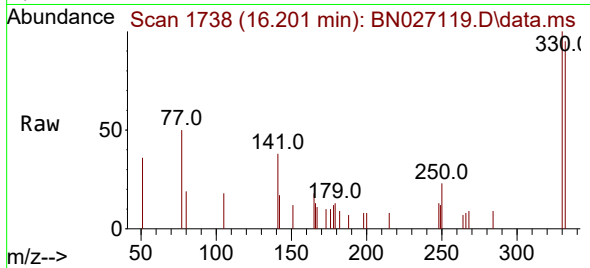




#14
2,4,6-Tribromophenol
Concen: 0.290 ng
RT: 16.201 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN027119.D
Acq: 25 Aug 2023 15:18

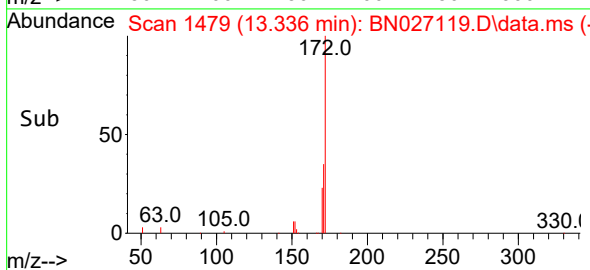
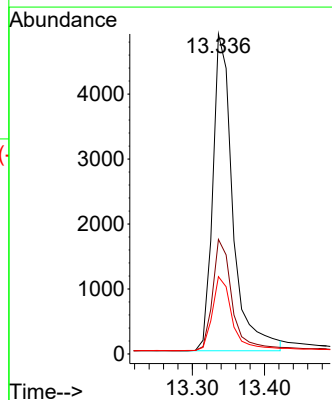
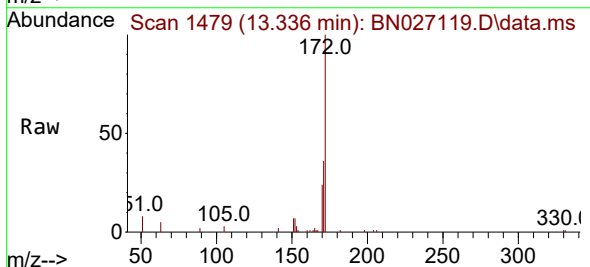
Instrument :
BNA_N
ClientSampleId :
RE103D1-20230815

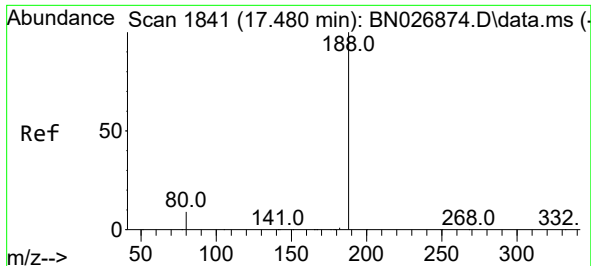
Tgt Ion:330 Resp: 1189
Ion Ratio Lower Upper
330 100
332 95.1 76.6 114.8
141 44.7 32.3 48.5



#15
2-Fluorobiphenyl
Concen: 0.329 ng
RT: 13.336 min Scan# 1479
Delta R.T. 0.000 min
Lab File: BN027119.D
Acq: 25 Aug 2023 15:18

Tgt Ion:172 Resp: 9432
Ion Ratio Lower Upper
172 100
171 35.8 27.4 41.0
170 24.1 18.0 27.0

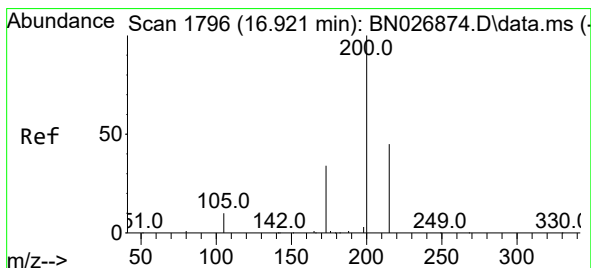
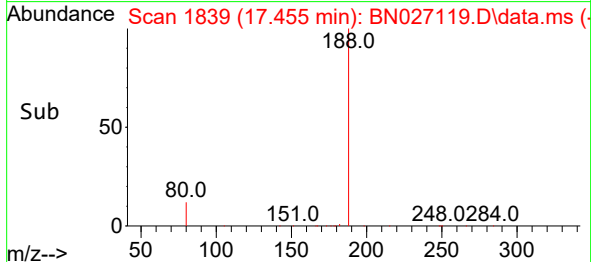
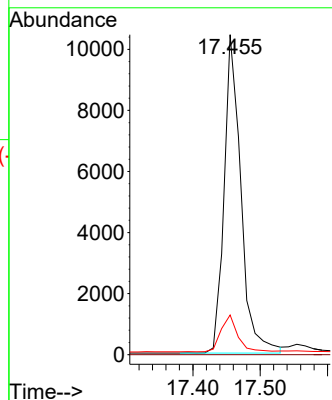
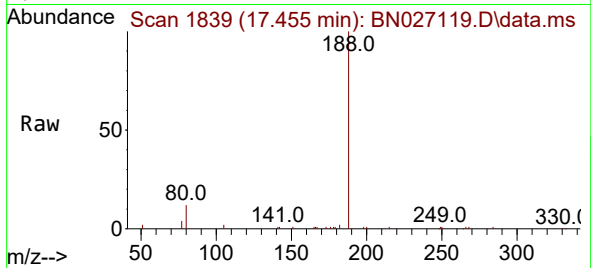




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.455 min Scan# 1839
Delta R.T. 0.000 min
Lab File: BN027119.D
Acq: 25 Aug 2023 15:18

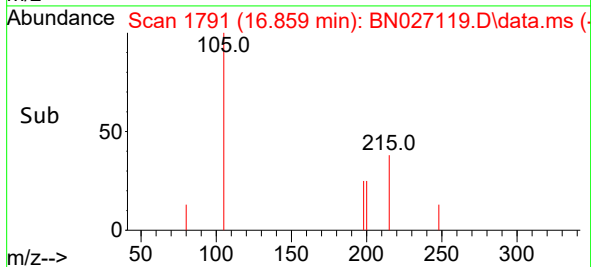
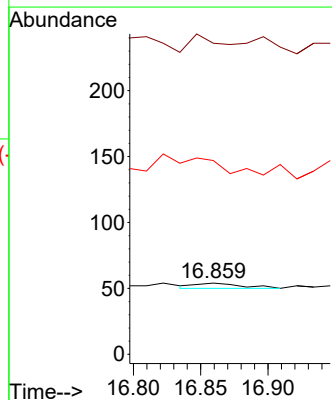
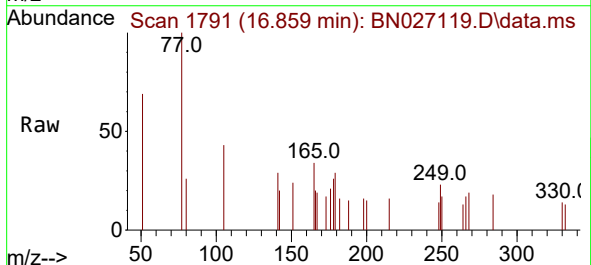
Instrument :
BNA_N
ClientSampleId :
RE103D1-20230815

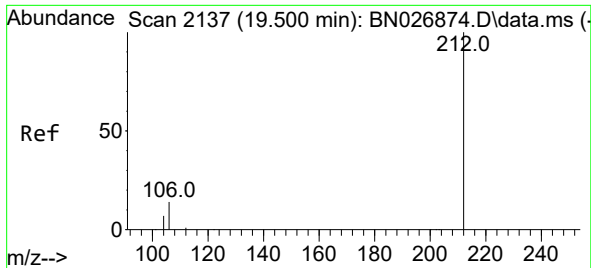
Tgt Ion:188 Resp: 17997
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.4 7.4 11.2#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.035 ng
RT: 16.859 min Scan# 1791
Delta R.T. -0.050 min
Lab File: BN027119.D
Acq: 25 Aug 2023 15:18

Tgt Ion:198 Resp: 10
Ion Ratio Lower Upper
198 100
51 437.0 143.8 215.8#
105 272.2 273.5 410.3#

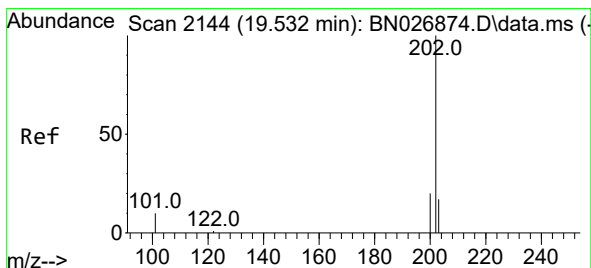
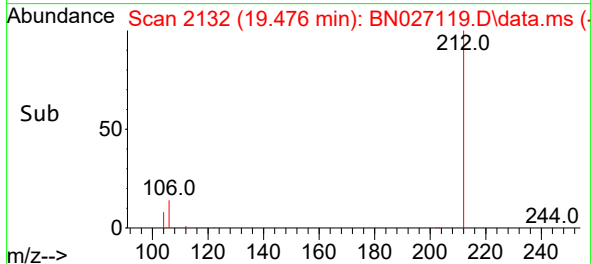
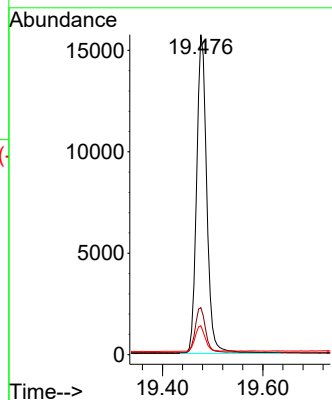
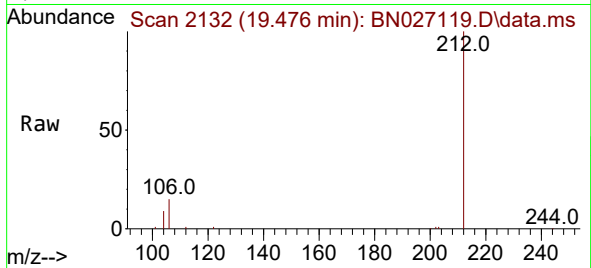




#27
Fluoranthene-d10
Concen: 0.479 ng
RT: 19.476 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BN027119.D
Acq: 25 Aug 2023 15:18

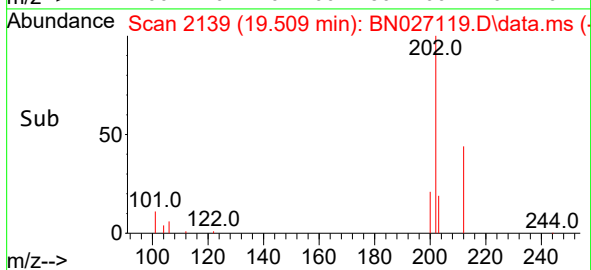
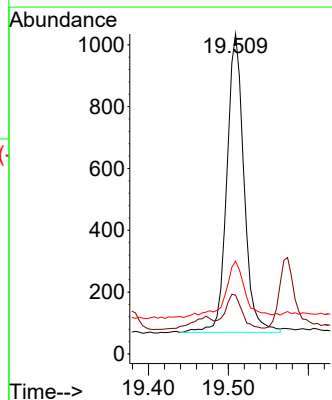
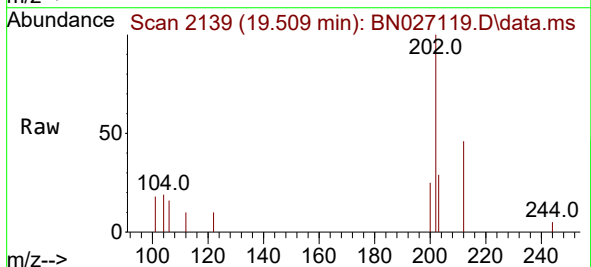
Instrument :
BNA_N
ClientSampleId :
RE103D1-20230815

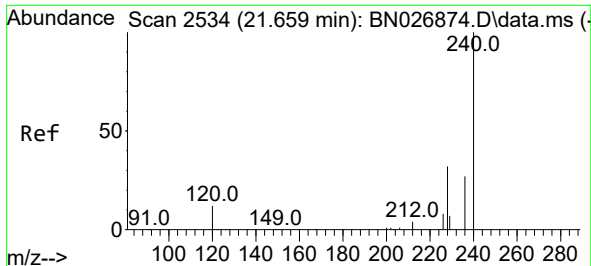
Tgt Ion:212 Resp: 22093
Ion Ratio Lower Upper
212 100
106 14.3 10.9 16.3
104 8.0 5.9 8.9



#28
Fluoranthene
Concen: 0.023 ng
RT: 19.509 min Scan# 2139
Delta R.T. 0.000 min
Lab File: BN027119.D
Acq: 25 Aug 2023 15:18

Tgt Ion:202 Resp: 1437
Ion Ratio Lower Upper
202 100
101 10.4 8.9 13.3
203 24.0 13.7 20.5#

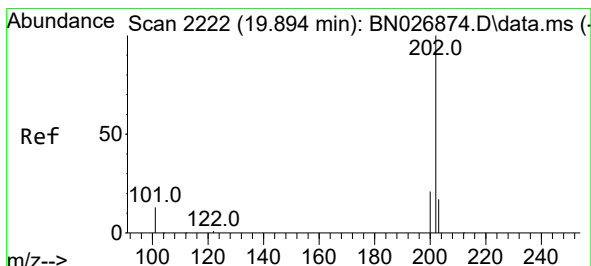
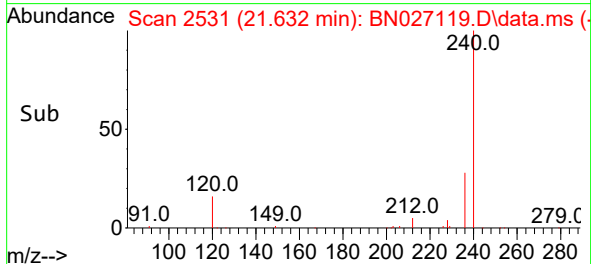
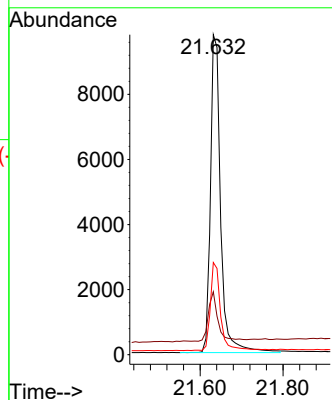
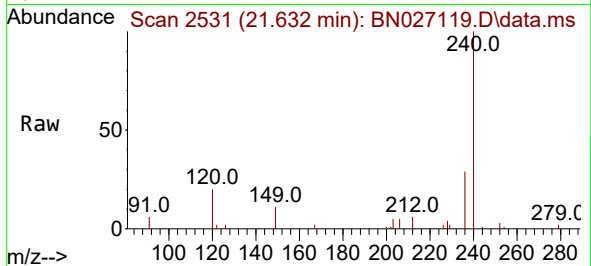




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.632 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN027119.D
Acq: 25 Aug 2023 15:18

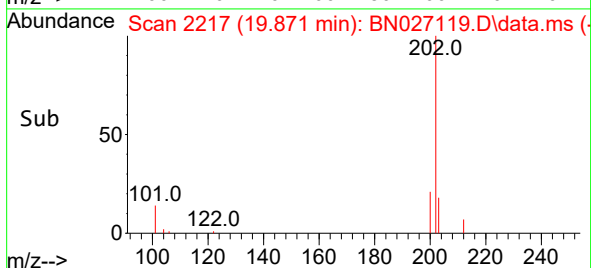
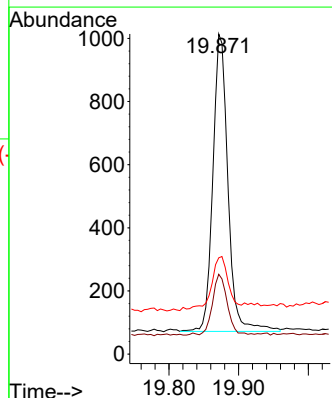
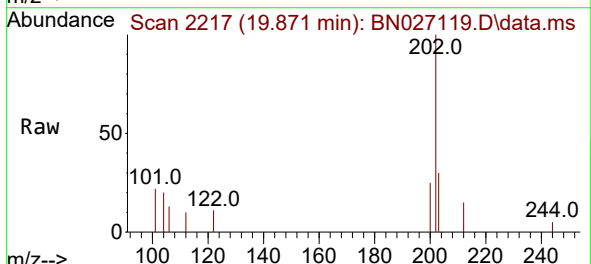
Instrument :
BNA_N
ClientSampleId :
RE103D1-20230815

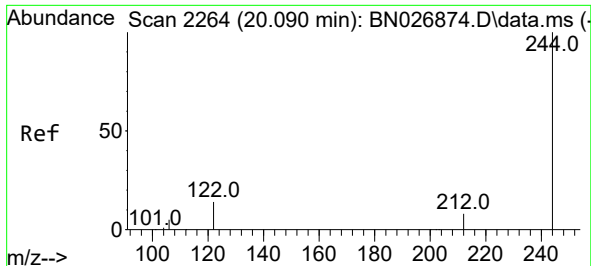
Tgt Ion:240 Resp: 16567
Ion Ratio Lower Upper
240 100
120 19.6 11.1 16.7#
236 28.8 22.2 33.2



#30
Pyrene
Concen: 0.022 ng
RT: 19.871 min Scan# 2217
Delta R.T. 0.000 min
Lab File: BN027119.D
Acq: 25 Aug 2023 15:18

Tgt Ion:202 Resp: 1418
Ion Ratio Lower Upper
202 100
200 19.7 16.6 25.0
203 20.7 14.4 21.6

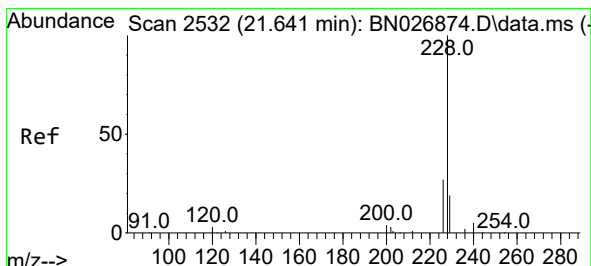
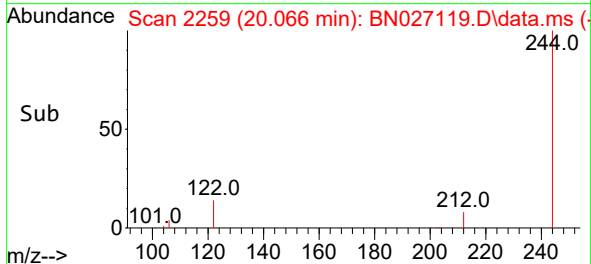
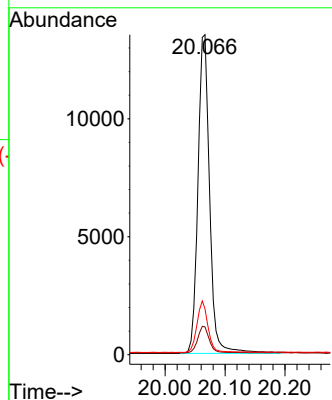
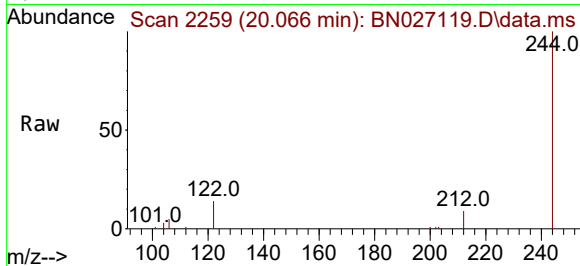




#31
 Terphenyl-d14
 Concen: 0.529 ng
 RT: 20.066 min Scan# 21
 Delta R.T. 0.005 min
 Lab File: BN027119.D
 Acq: 25 Aug 2023 15:18

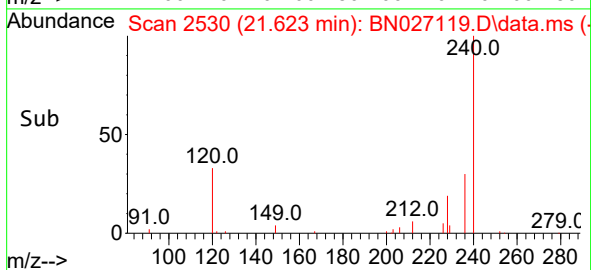
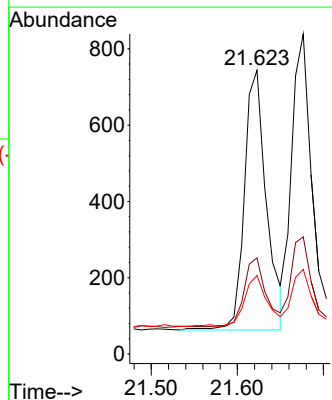
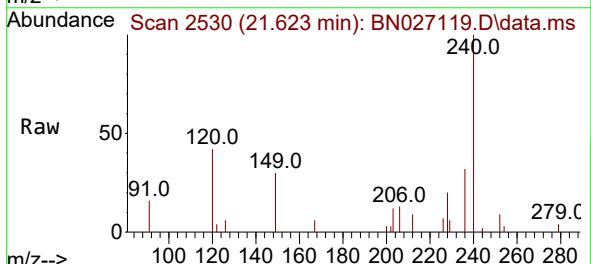
Instrument :
 BNA_N
 ClientSampleId :
 RE103D1-20230815

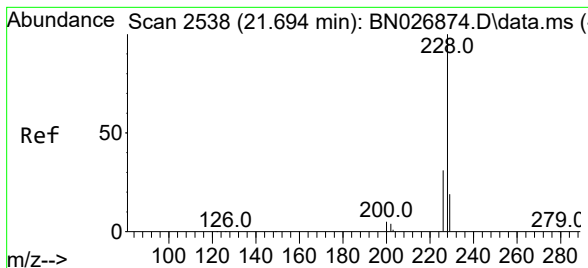
Tgt Ion:244 Resp: 18323
 Ion Ratio Lower Upper
 244 100
 212 8.7 6.9 10.3
 122 14.3 11.9 17.9



#32
 Benzo(a)anthracene
 Concen: 0.020 ng
 RT: 21.623 min Scan# 2530
 Delta R.T. 0.009 min
 Lab File: BN027119.D
 Acq: 25 Aug 2023 15:18

Tgt Ion:228 Resp: 1212
 Ion Ratio Lower Upper
 228 100
 226 33.9 22.1 33.1#
 229 27.7 15.5 23.3#





#33

Chrysene

Concen: 0.021 ng

RT: 21.677 min Scan# 21

Delta R.T. 0.009 min

Lab File: BN027119.D

Acq: 25 Aug 2023 15:18

Instrument :

BNA_N

ClientSampleId :

RE103D1-20230815

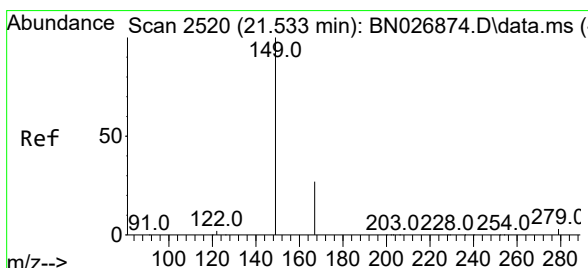
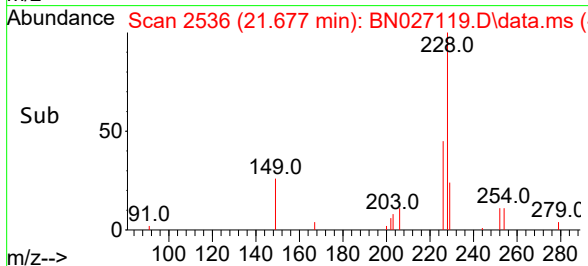
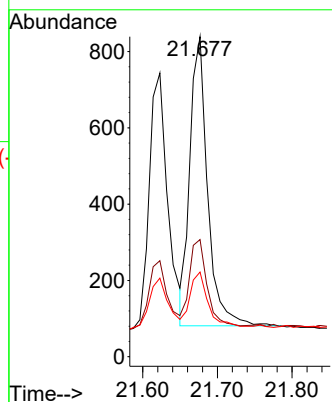
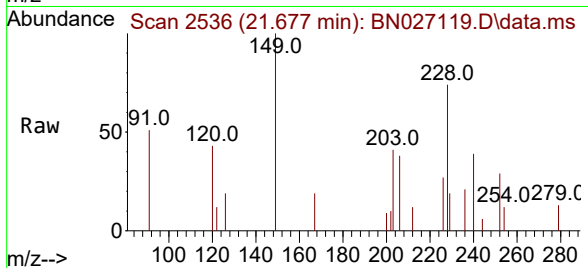
Tgt Ion:228 Resp: 1254

Ion Ratio Lower Upper

228 100

226 36.6 24.6 37.0

229 26.5 15.5 23.3#



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.094 ng

RT: 21.497 min Scan# 2516

Delta R.T. 0.000 min

Lab File: BN027119.D

Acq: 25 Aug 2023 15:18

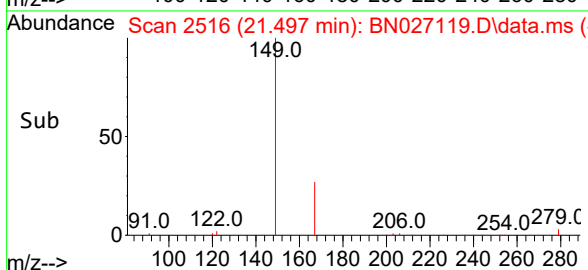
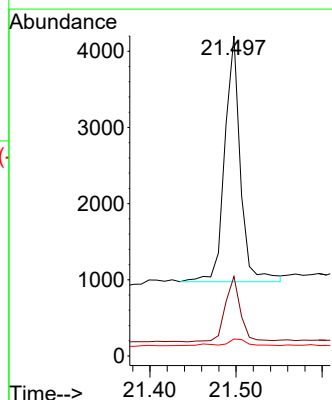
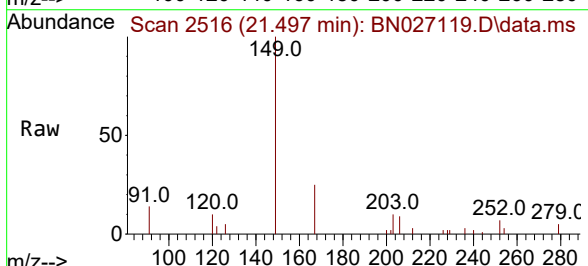
Tgt Ion:149 Resp: 4066

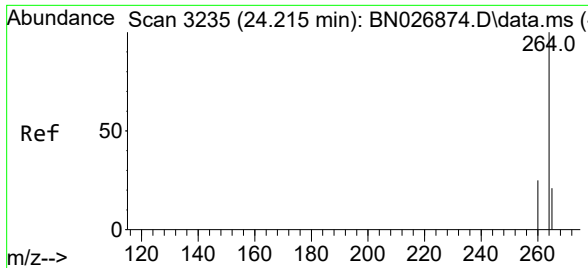
Ion Ratio Lower Upper

149 100

167 26.1 21.4 32.0

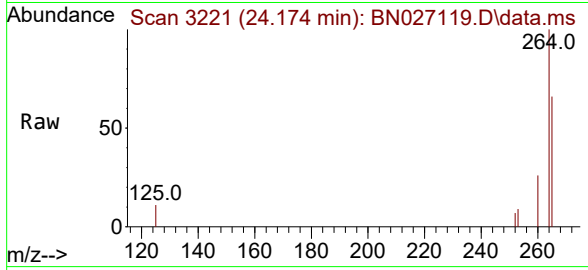
279 3.0 3.6 5.4#





#35
Perylene-d12
Concen: 0.400 ng
RT: 24.174 min Scan# 31
Delta R.T. 0.003 min
Lab File: BN027119.D
Acq: 25 Aug 2023 15:18

Instrument :
BNA_N
ClientSampleId :
RE103D1-20230815



Tgt Ion:264 Resp: 17290
Ion Ratio Lower Upper
264 100
260 26.2 20.4 30.6
265 66.5 27.0 40.6#

