

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082923\
 Data File : BN027254.D
 Acq On : 30 Aug 2023 00:12
 Operator : MA/JU
 Sample : 04126-17
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE131D2-20230821

Quant Time: Aug 30 01:25:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 29 05:37:30 2023
 Response via : Initial Calibration

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

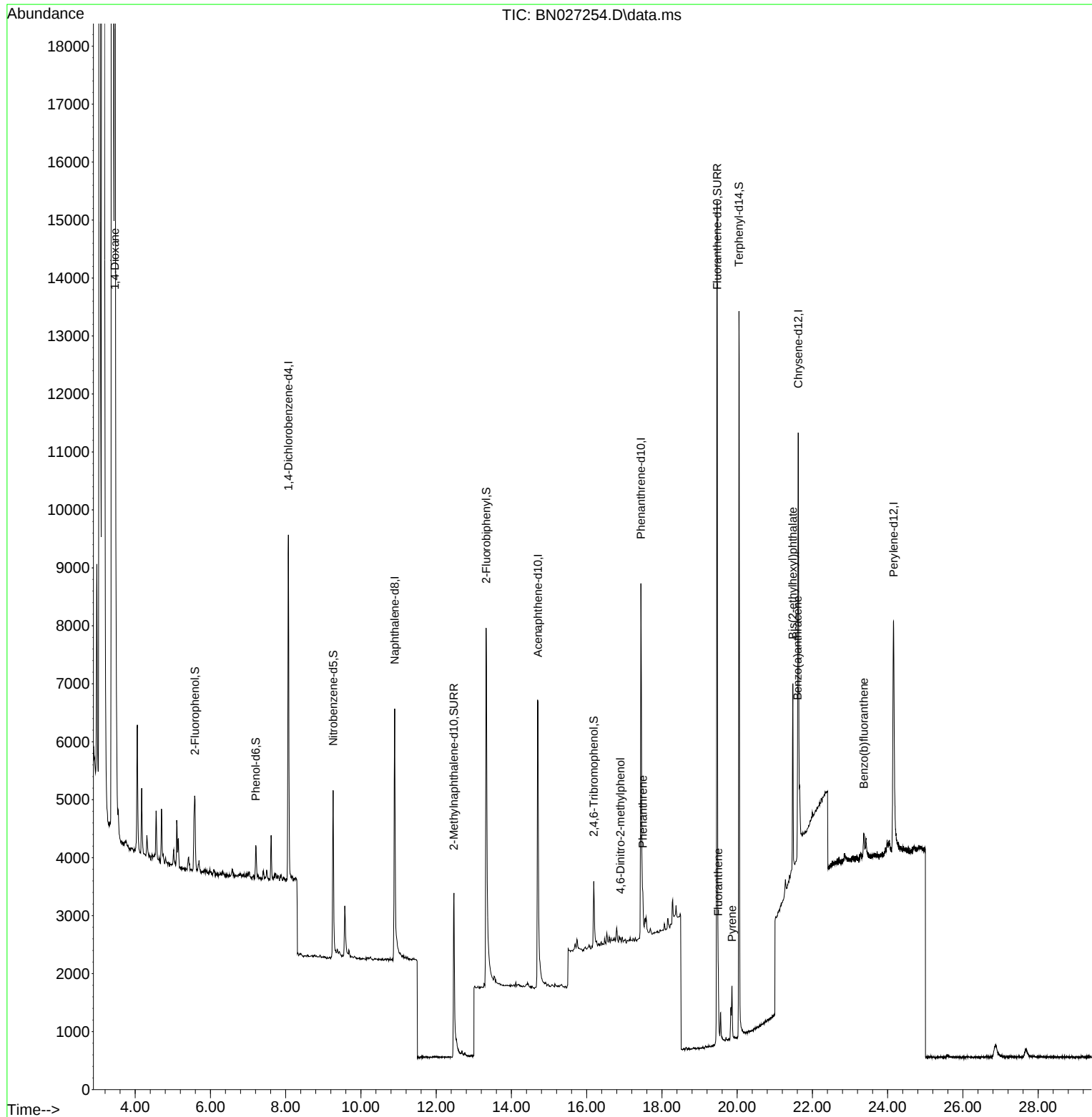
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.073	152	2800	0.400	ng	0.00
7) Naphthalene-d8	10.895	136	7248	0.400	ng	0.00
13) Acenaphthene-d10	14.705	164	4253	0.400	ng	0.01
19) Phenanthrene-d10	17.443	188	9836	0.400	ng	0.00
29) Chrysene-d12	21.623	240	8346	0.400	ng	# 0.00
35) Perylene-d12	24.156	264	7604	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.589	112	1063	0.146	ng	0.00
5) Phenol-d6	7.207	99	642	0.072	ng	0.00
8) Nitrobenzene-d5	9.262	82	2781	0.526	ng	0.00
11) 2-Methylnaphthalene-d10	12.468	152	5756	0.541	ng	0.00
14) 2,4,6-Tribromophenol	16.189	330	816	0.518	ng	0.00
15) 2-Fluorobiphenyl	13.325	172	8470	0.524	ng	0.00
27) Fluoranthene-d10	19.467	212	17353	0.710	ng	0.00
31) Terphenyl-d14	20.048	244	12622	0.753	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.458	88	32992	9.652	ng	95
20) 4,6-Dinitro-2-methylph...	16.897	198	7	0.050	ng	# 24
25) Phenanthrene	17.492	178	648	0.022	ng	# 96
28) Fluoranthene	19.495	202	909	0.027	ng	# 93
30) Pyrene	19.862	202	861	0.026	ng	97
32) Benzo(a)anthracene	21.605	228	619	0.022	ng	# 73
34) Bis(2-ethylhexyl)phtha...	21.480	149	3295	0.239	ng	93
37) Benzo(b)fluoranthene	23.364	252	667	0.023	ng	# 1

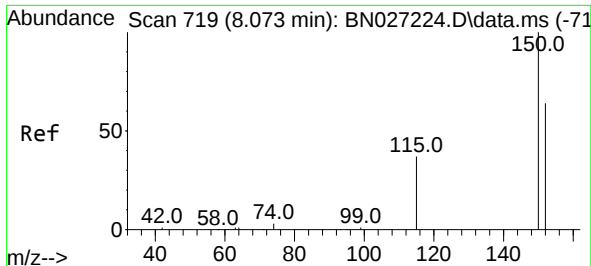
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082923\
Data File : BN027254.D
Acq On : 30 Aug 2023 00:12
Operator : MA/JU
Sample : 04126-17
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE131D2-20230821

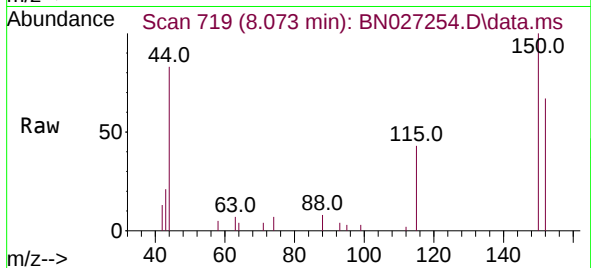
Quant Time: Aug 30 01:25:57 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 29 05:37:30 2023
Response via : Initial Calibration



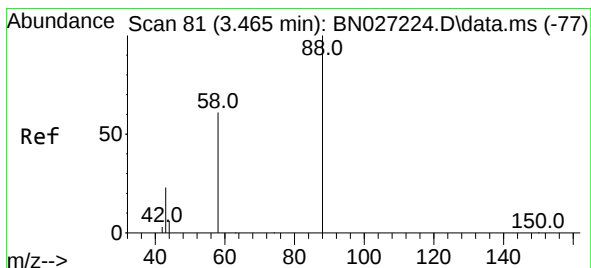
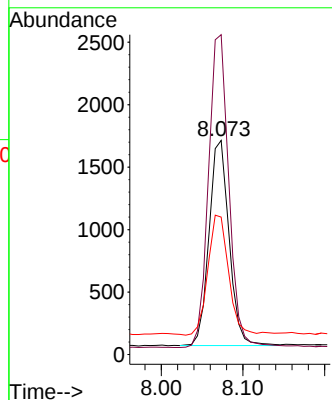
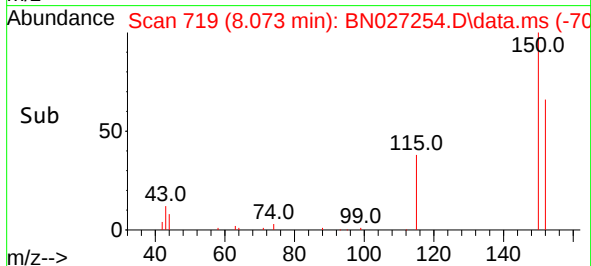


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.073 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BN027254.D
 Acq: 30 Aug 2023 00:12

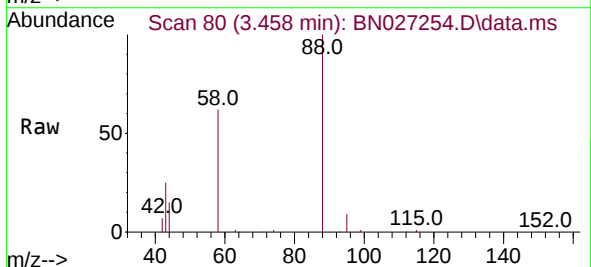
Instrument :
 BNA_N
 ClientSampleId :
 RE131D2-20230821



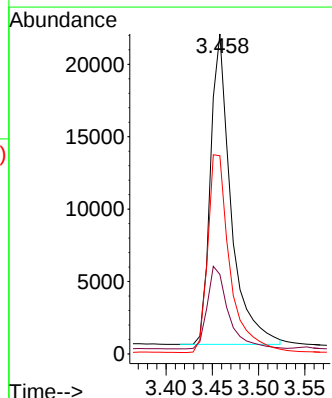
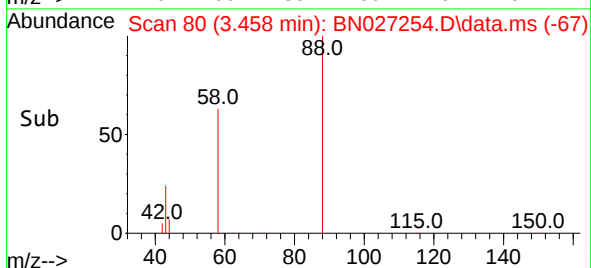
Tgt Ion:152 Resp: 2800
 Ion Ratio Lower Upper
 152 100
 150 149.4 122.7 184.1
 115 64.2 48.6 73.0

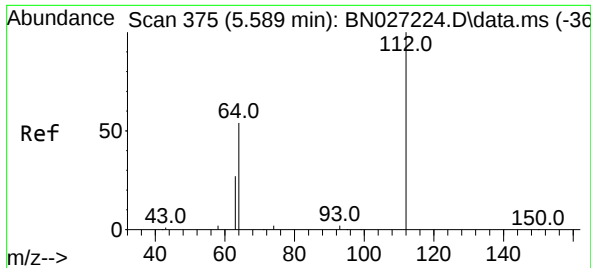


#2
 1,4-Dioxane
 Concen: 9.652 ng
 RT: 3.458 min Scan# 80
 Delta R.T. -0.007 min
 Lab File: BN027254.D
 Acq: 30 Aug 2023 00:12



Tgt Ion: 88 Resp: 32992
 Ion Ratio Lower Upper
 88 100
 43 27.5 19.1 28.7
 58 68.8 52.2 78.2

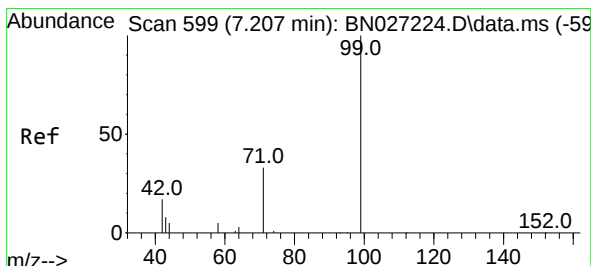
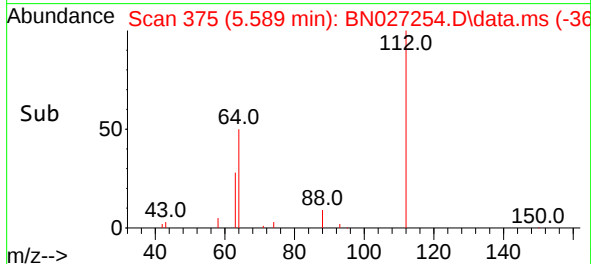
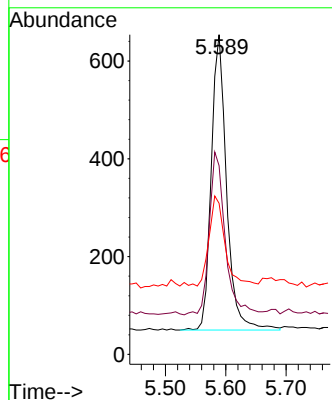
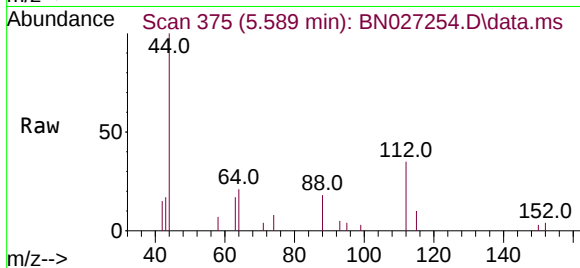




#4
2-Fluorophenol
Concen: 0.146 ng
RT: 5.589 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN027254.D
Acq: 30 Aug 2023 00:12

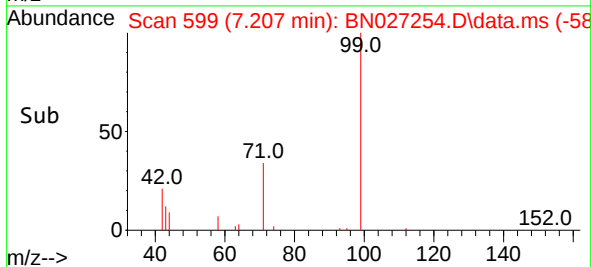
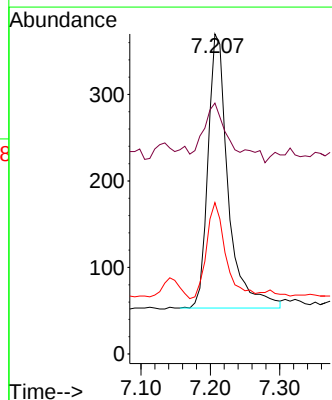
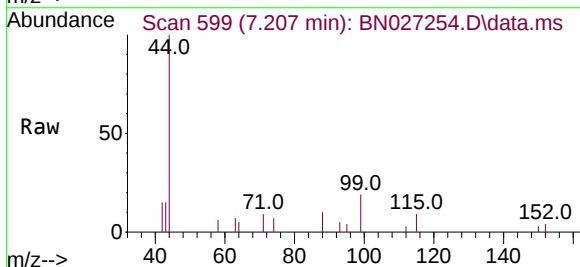
Instrument :
BNA_N
ClientSampleId :
RE131D2-20230821

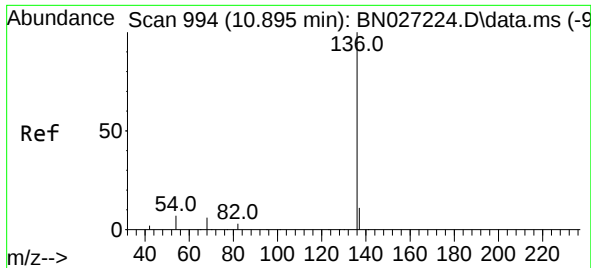
Tgt Ion:112 Resp: 1063
Ion Ratio Lower Upper
112 100
64 57.0 44.4 66.6
63 31.0 23.1 34.7



#5
Phenol-d6
Concen: 0.072 ng
RT: 7.207 min Scan# 599
Delta R.T. -0.000 min
Lab File: BN027254.D
Acq: 30 Aug 2023 00:12

Tgt Ion: 99 Resp: 642
Ion Ratio Lower Upper
99 100
42 17.3 14.5 21.7
71 34.0 25.8 38.6

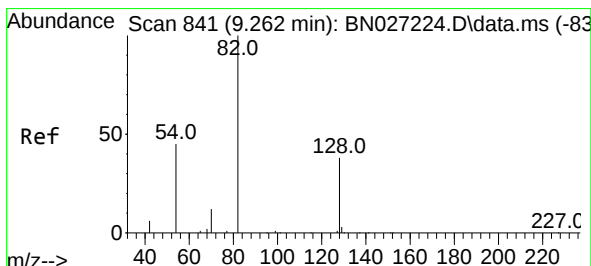
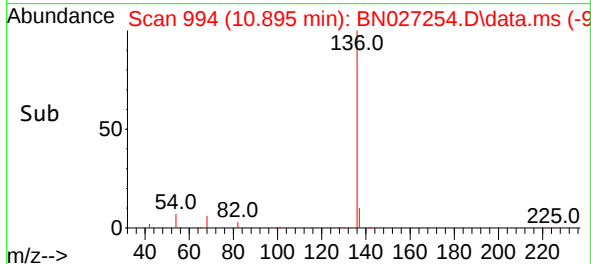
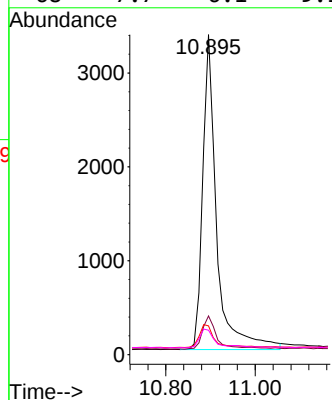
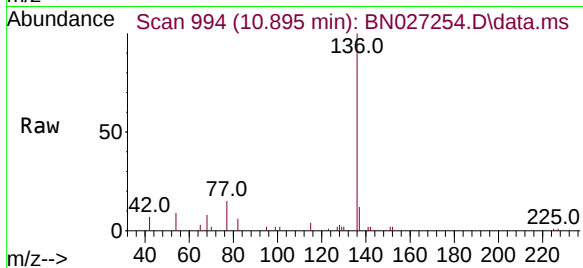




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.895 min Scan# 994
Delta R.T. -0.000 min
Lab File: BN027254.D
Acq: 30 Aug 2023 00:12

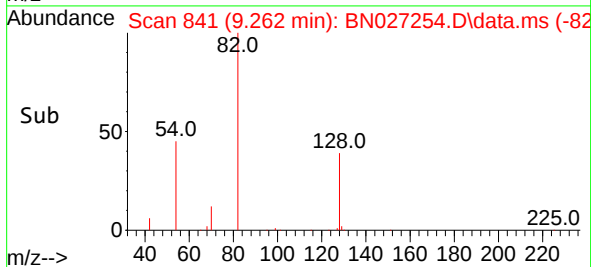
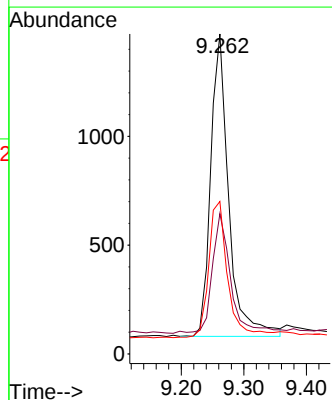
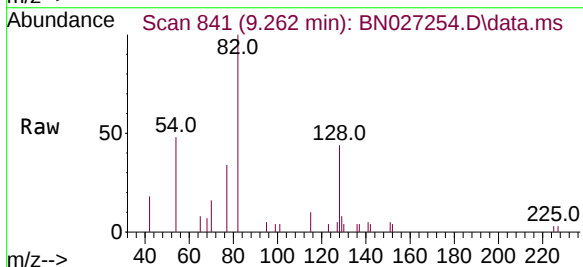
Instrument :
BNA_N
ClientSampleId :
RE131D2-20230821

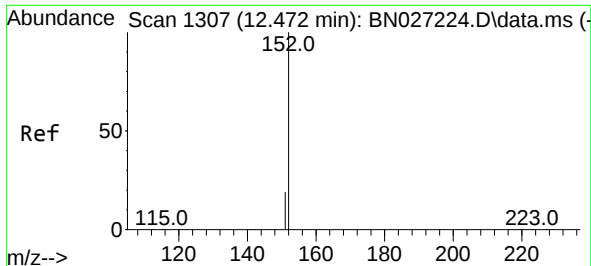
Tgt Ion:	136	Resp:	7248
Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.3	13.9
54	9.0	6.7	10.1
68	7.7	6.1	9.1



#8
Nitrobenzene-d5
Concen: 0.526 ng
RT: 9.262 min Scan# 841
Delta R.T. -0.000 min
Lab File: BN027254.D
Acq: 30 Aug 2023 00:12

Tgt Ion:	82	Resp:	2781
Ion	Ratio	Lower	Upper
82	100		
128	43.8	33.4	50.0
54	47.7	37.7	56.5

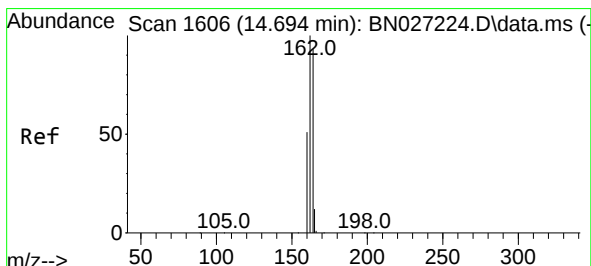
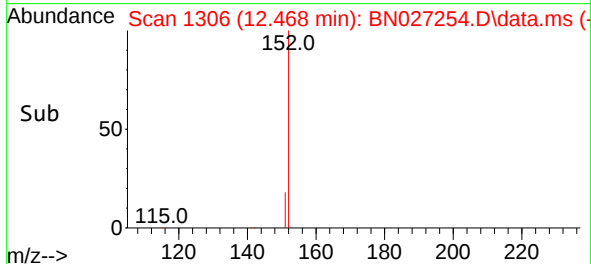
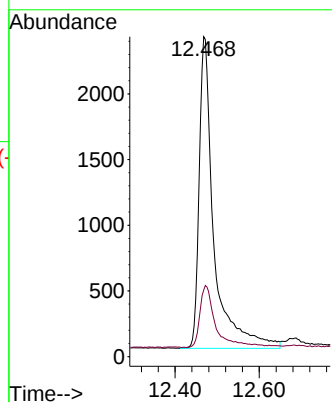
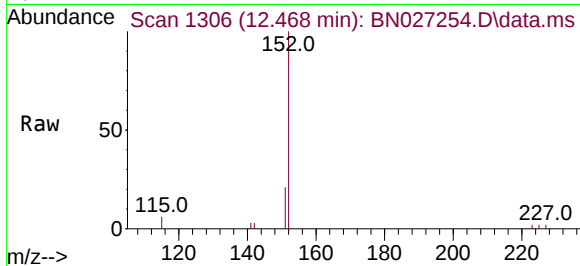




#11
2-Methylnaphthalene-d10
Concen: 0.541 ng
RT: 12.468 min Scan# 1306
Delta R.T. -0.004 min
Lab File: BN027254.D
Acq: 30 Aug 2023 00:12

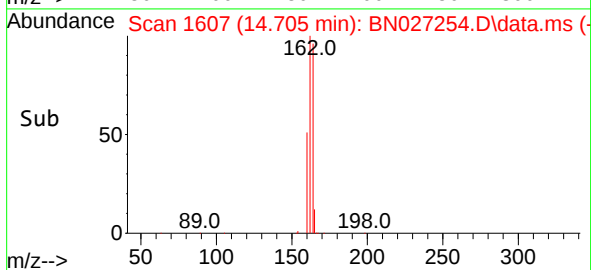
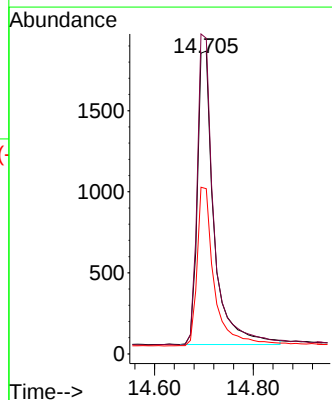
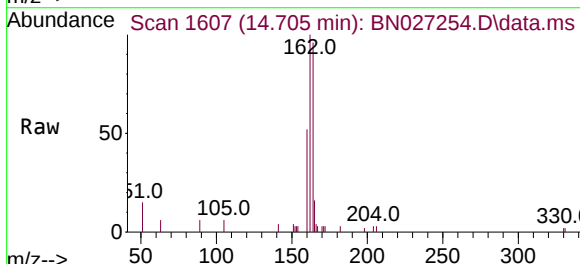
Instrument :
BNA_N
ClientSampleId :
RE131D2-20230821

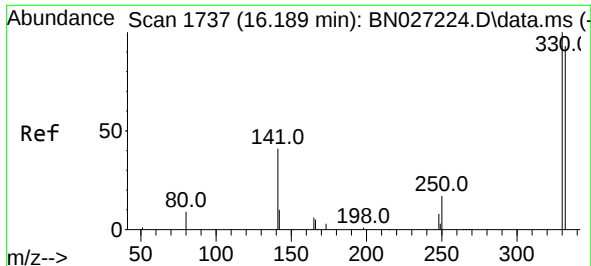
Tgt Ion:152 Resp: 5756
Ion Ratio Lower Upper
152 100
151 20.4 16.6 25.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.705 min Scan# 1607
Delta R.T. 0.011 min
Lab File: BN027254.D
Acq: 30 Aug 2023 00:12

Tgt Ion:164 Resp: 4253
Ion Ratio Lower Upper
164 100
162 104.2 85.8 128.8
160 54.6 44.2 66.2





#14

2,4,6-Tribromophenol

Concen: 0.518 ng

RT: 16.189 min Scan# 1737

Delta R.T. -0.000 min

Lab File: BN027254.D

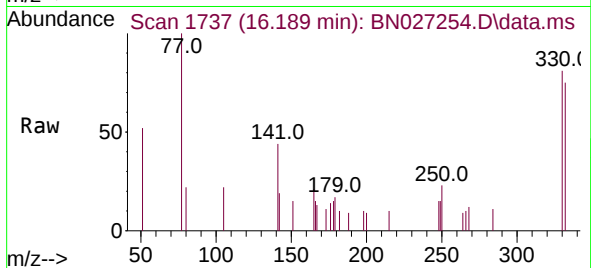
Acq: 30 Aug 2023 00:12

Instrument :

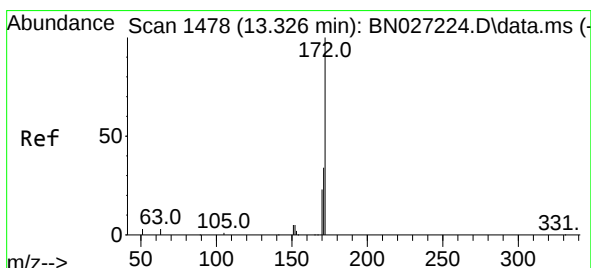
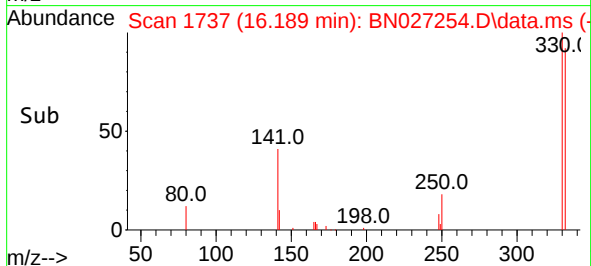
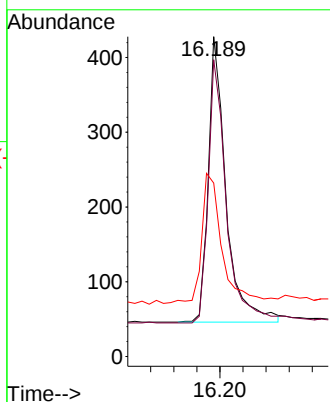
BNA_N

ClientSampleId :

RE131D2-20230821



Tgt Ion:	330	Resp:	816
Ion Ratio	Lower	Upper	
330	100		
332	93.9	75.2	112.8
141	47.7	36.2	54.4



#15

2-Fluorobiphenyl

Concen: 0.524 ng

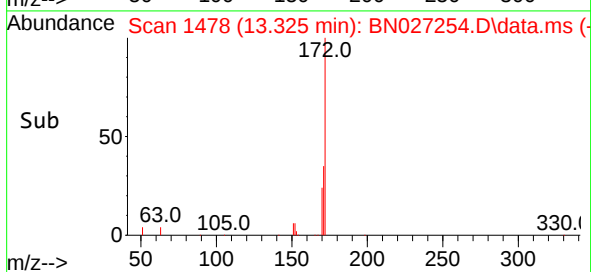
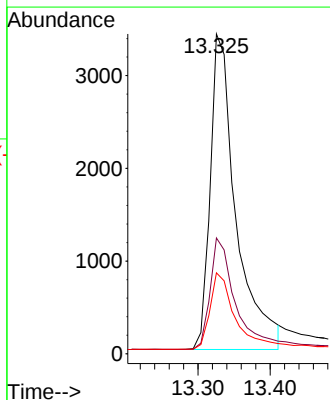
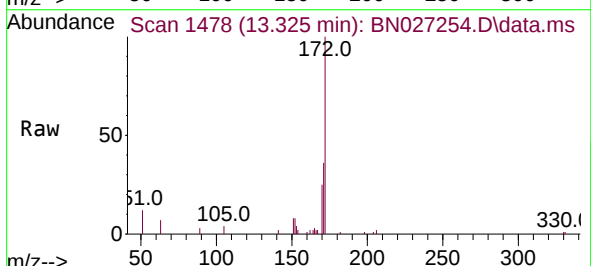
RT: 13.325 min Scan# 1478

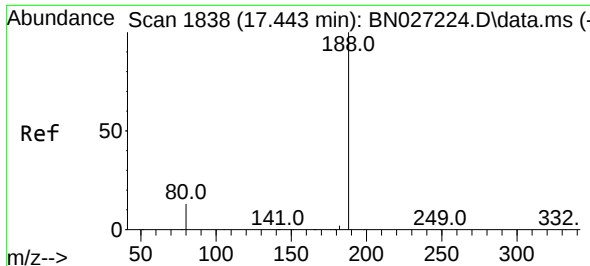
Delta R.T. -0.000 min

Lab File: BN027254.D

Acq: 30 Aug 2023 00:12

Tgt Ion:	172	Resp:	8470
Ion Ratio	Lower	Upper	
172	100		
171	36.2	27.8	41.8
170	25.3	19.3	28.9

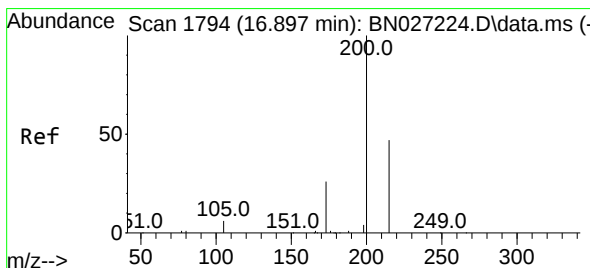
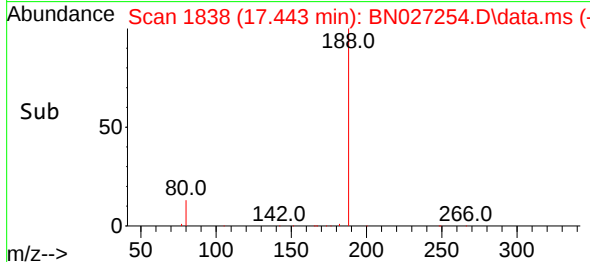
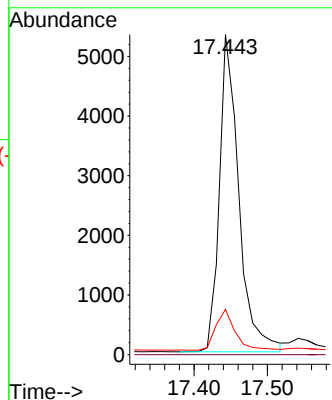
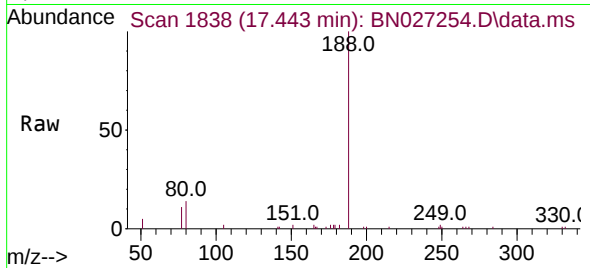




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.443 min Scan# 1838
Delta R.T. -0.000 min
Lab File: BN027254.D
Acq: 30 Aug 2023 00:12

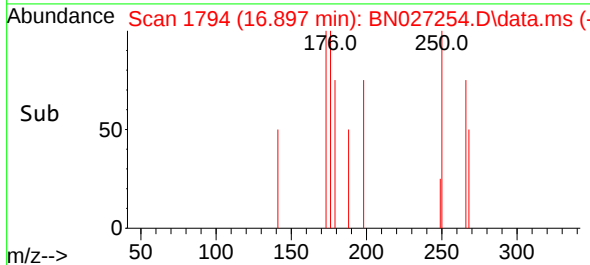
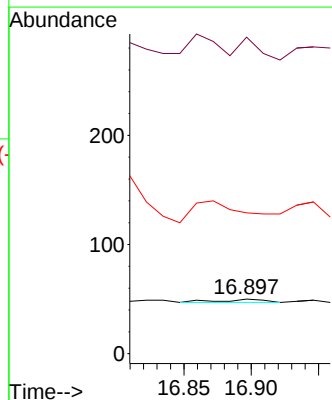
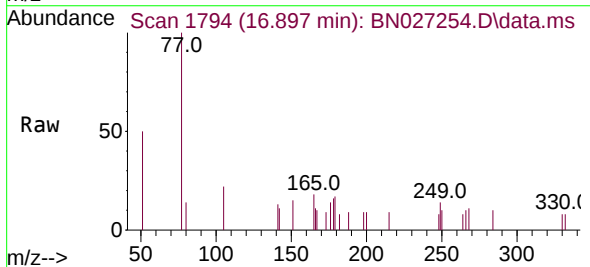
Instrument :
BNA_N
ClientSampleId :
RE131D2-20230821

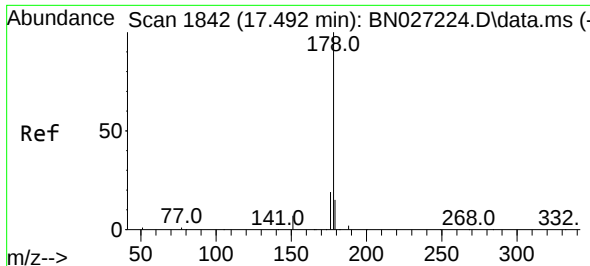
Tgt Ion:188 Resp: 9836
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.1 11.0 16.6



#20
4,6-Dinitro-2-methylphenol
Concen: 0.050 ng
RT: 16.897 min Scan# 1794
Delta R.T. -0.000 min
Lab File: BN027254.D
Acq: 30 Aug 2023 00:12

Tgt Ion:198 Resp: 7
Ion Ratio Lower Upper
198 100
51 580.0 282.2 423.2#
105 258.0 168.7 253.1#

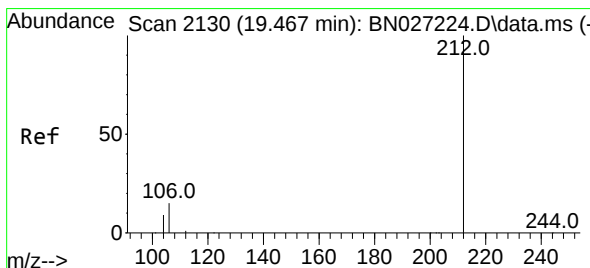
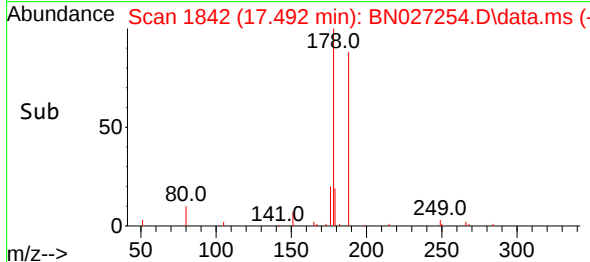
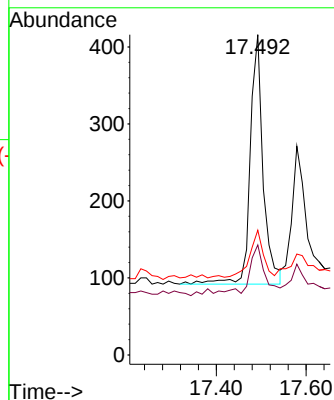
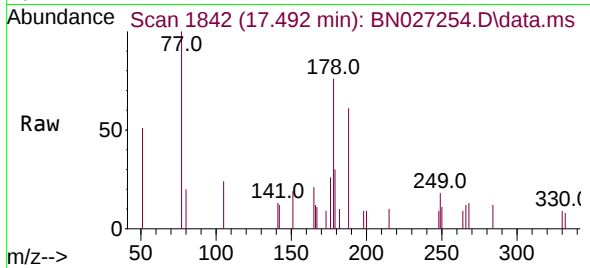




#25
Phenanthrene
Concen: 0.022 ng
RT: 17.492 min Scan# 1842
Delta R.T. -0.000 min
Lab File: BN027254.D
Acq: 30 Aug 2023 00:12

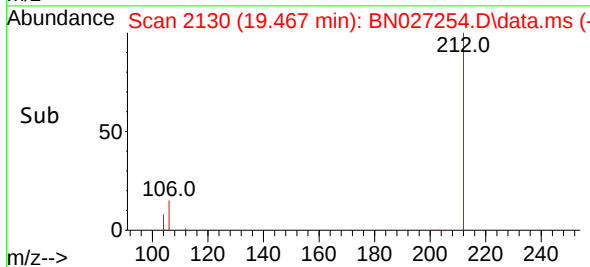
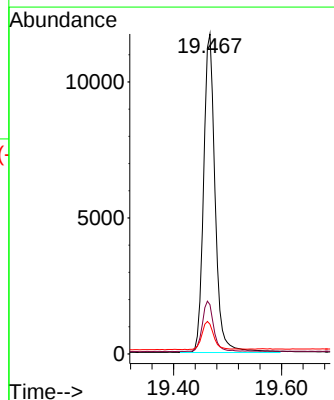
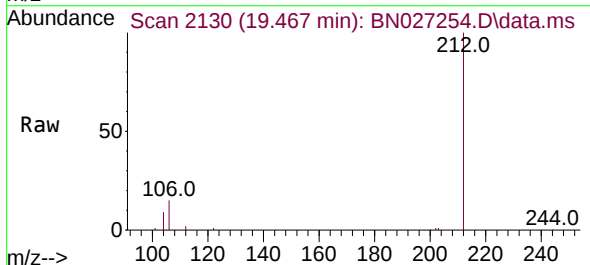
Instrument :
BNA_N
ClientSampleId :
RE131D2-20230821

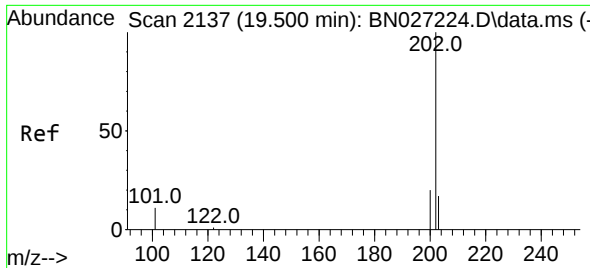
Tgt Ion:178 Resp: 648
Ion Ratio Lower Upper
178 100
176 19.6 15.6 23.4
179 19.1 12.3 18.5#



#27
Fluoranthene-d10
Concen: 0.710 ng
RT: 19.467 min Scan# 2130
Delta R.T. -0.000 min
Lab File: BN027254.D
Acq: 30 Aug 2023 00:12

Tgt Ion:212 Resp: 17353
Ion Ratio Lower Upper
212 100
106 15.6 12.1 18.1
104 9.1 6.9 10.3

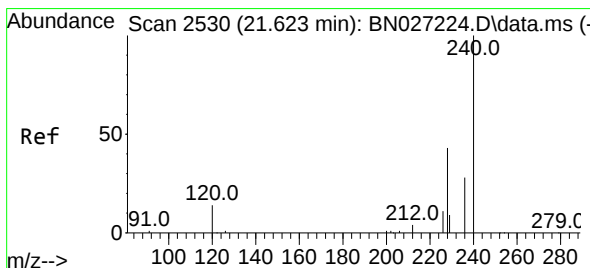
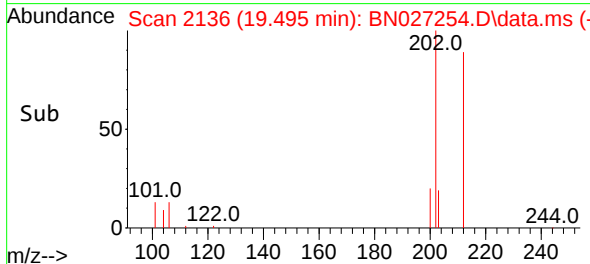
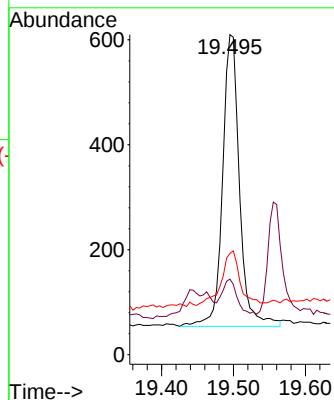
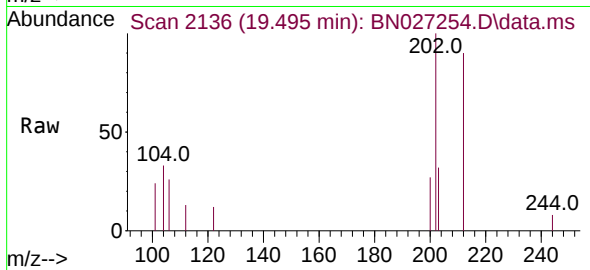




#28
Fluoranthene
Concen: 0.027 ng
RT: 19.495 min Scan# 2137
Delta R.T. -0.005 min
Lab File: BN027254.D
Acq: 30 Aug 2023 00:12

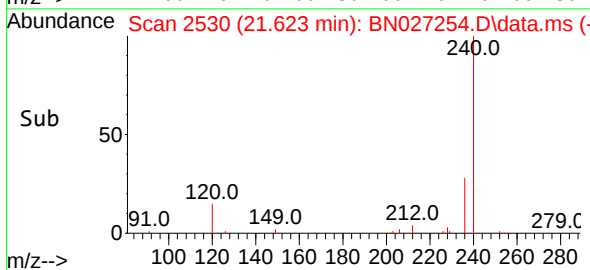
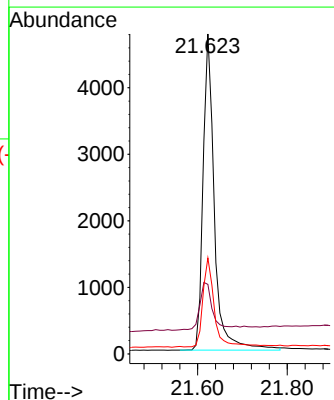
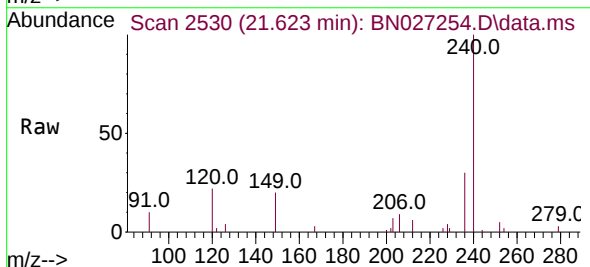
Instrument :
BNA_N
ClientSampleId :
RE131D2-20230821

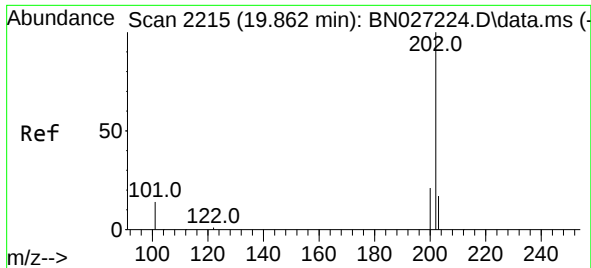
Tgt Ion:202 Resp: 909
Ion Ratio Lower Upper
202 100
101 10.3 9.6 14.4
203 20.6 13.6 20.4#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.623 min Scan# 2530
Delta R.T. -0.000 min
Lab File: BN027254.D
Acq: 30 Aug 2023 00:12

Tgt Ion:240 Resp: 8346
Ion Ratio Lower Upper
240 100
120 21.7 14.2 21.4#
236 30.0 22.9 34.3

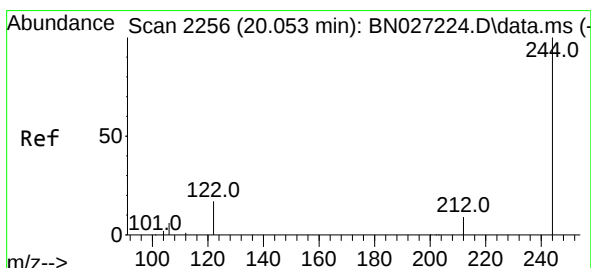
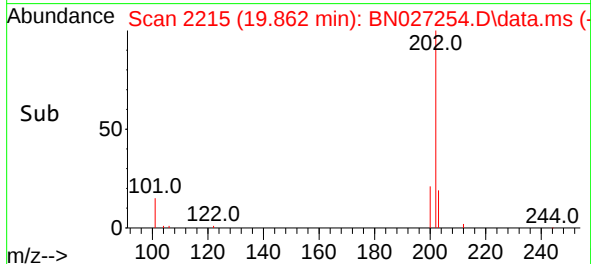
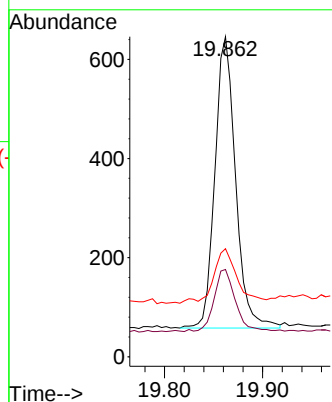
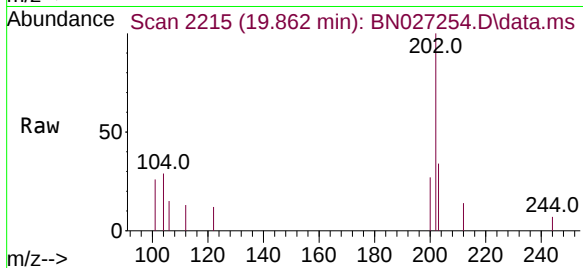




#30
Pyrene
Concen: 0.026 ng
RT: 19.862 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN027254.D
Acq: 30 Aug 2023 00:12

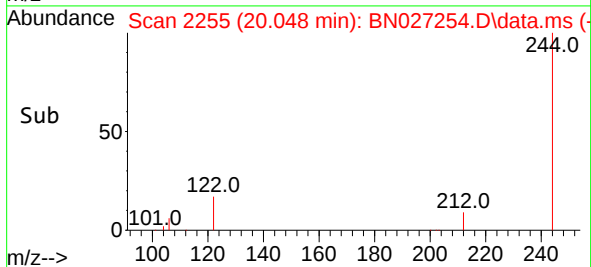
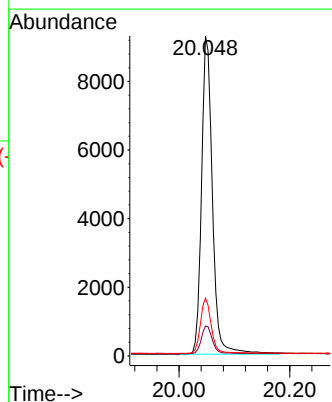
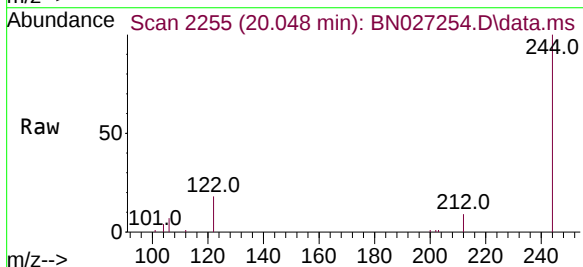
Instrument :
BNA_N
ClientSampleId :
RE131D2-20230821

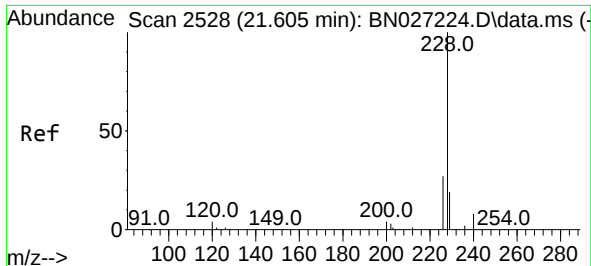
Tgt Ion:202 Resp: 861
Ion Ratio Lower Upper
202 100
200 22.1 16.6 25.0
203 18.9 14.2 21.4



#31
Terphenyl-d14
Concen: 0.753 ng
RT: 20.048 min Scan# 2255
Delta R.T. -0.005 min
Lab File: BN027254.D
Acq: 30 Aug 2023 00:12

Tgt Ion:244 Resp: 12622
Ion Ratio Lower Upper
244 100
212 9.3 7.5 11.3
122 18.0 14.0 21.0

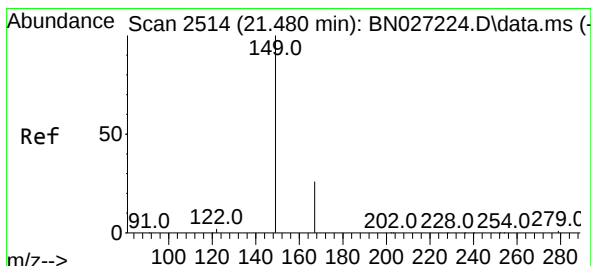
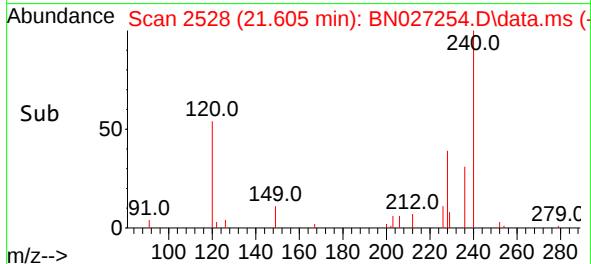
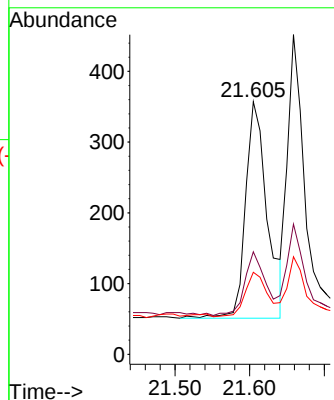
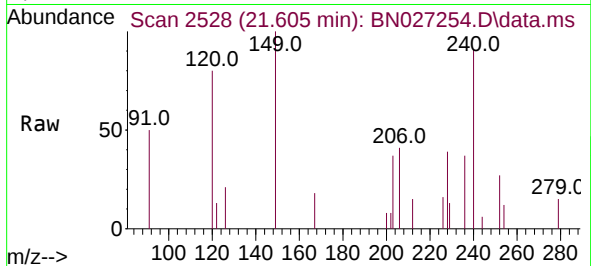




#32
Benzo(a)anthracene
Concen: 0.022 ng
RT: 21.605 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN027254.D
Acq: 30 Aug 2023 00:12

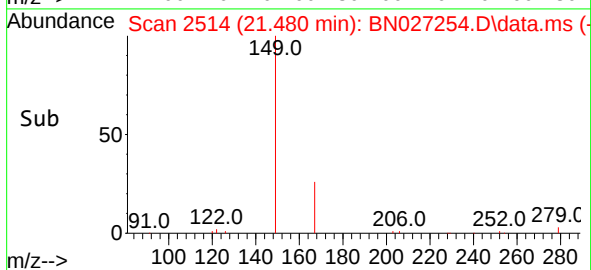
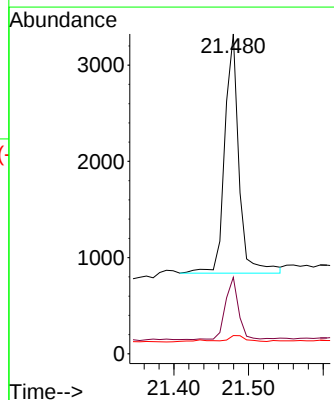
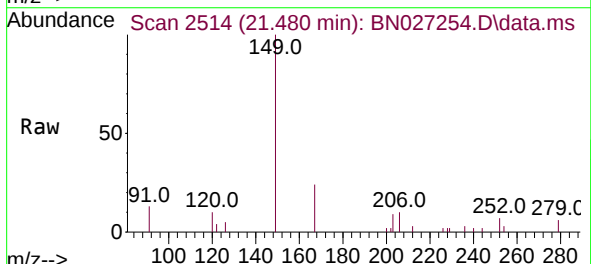
Instrument :
BNA_N
ClientSampleId :
RE131D2-20230821

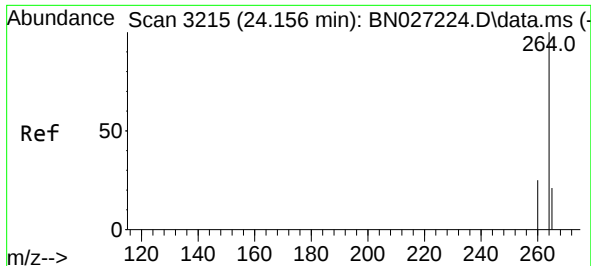
Tgt Ion:228 Resp: 619
Ion Ratio Lower Upper
228 100
226 40.6 21.9 32.9#
229 32.5 15.7 23.5#



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.239 ng
RT: 21.480 min Scan# 2514
Delta R.T. -0.000 min
Lab File: BN027254.D
Acq: 30 Aug 2023 00:12

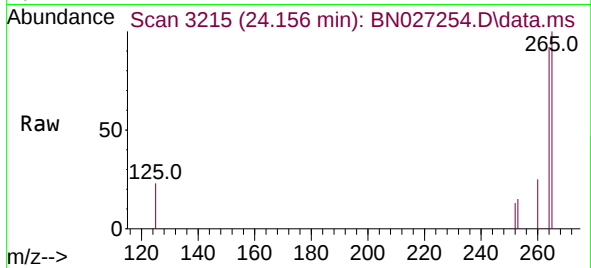
Tgt Ion:149 Resp: 3295
Ion Ratio Lower Upper
149 100
167 23.7 22.1 33.1
279 2.9 2.7 4.1



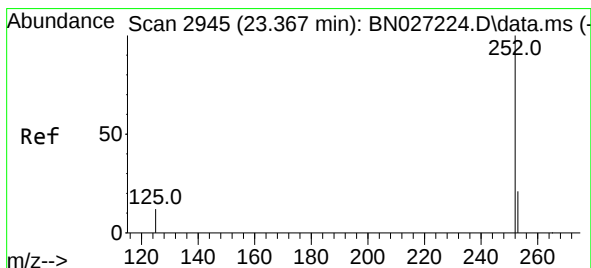
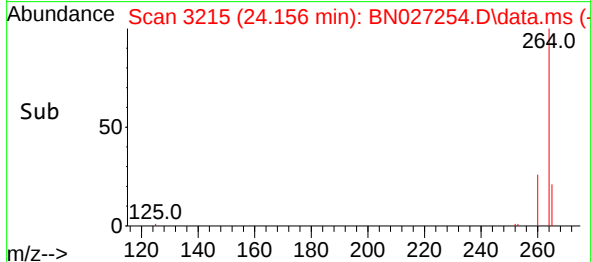
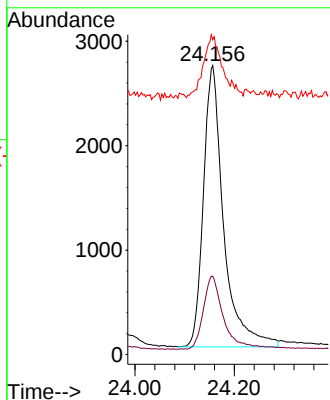


#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.156 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: BN027254.D
 Acq: 30 Aug 2023 00:12

Instrument :
 BNA_N
 ClientSampleId :
 RE131D2-20230821



Tgt Ion:264 Resp: 7604
 Ion Ratio Lower Upper
 264 100
 260 27.1 20.7 31.1
 265 109.0 53.3 79.9#



#37
 Benzo(b)fluoranthene
 Concen: 0.023 ng
 RT: 23.364 min Scan# 2944
 Delta R.T. -0.003 min
 Lab File: BN027254.D
 Acq: 30 Aug 2023 00:12

Tgt Ion:252 Resp: 667
 Ion Ratio Lower Upper
 252 100
 253 77.9 19.9 29.9#
 125 108.0 13.8 20.6#

