

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120123\
 Data File : BN029002.D
 Acq On : 03 Dec 2023 02:35
 Operator : MA/JU
 Sample : 05404-23
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE125D2-20231109

Quant Time: Dec 03 08:18:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN113023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 01 23:11:55 2023
 Response via : Initial Calibration

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

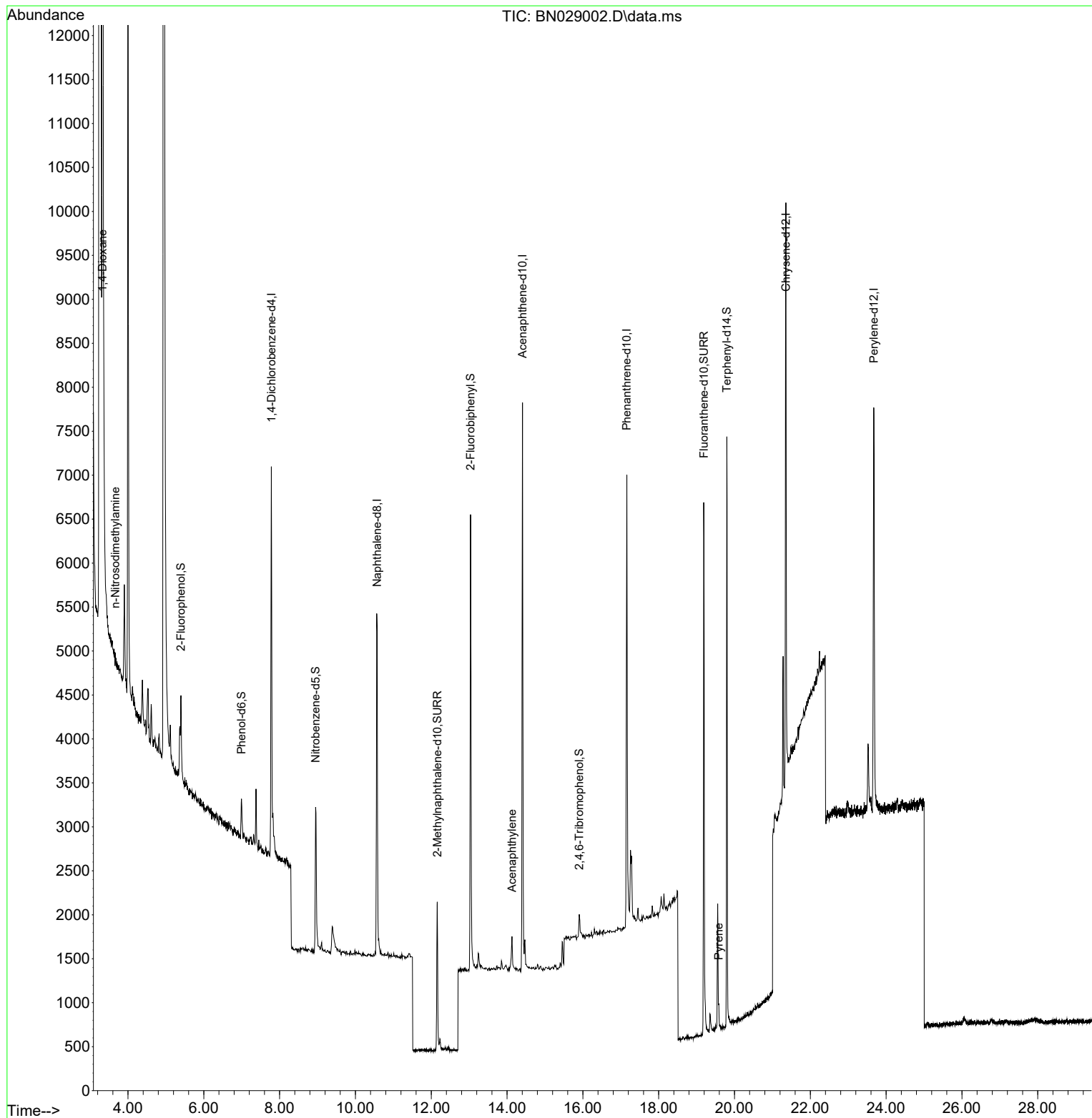
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.782	152	2075	0.400	ng	-0.01
7) Naphthalene-d8	10.573	136	5734	0.400	ng	#-0.01
13) Acenaphthene-d10	14.407	164	3627	0.400	ng	-0.01
19) Phenanthrene-d10	17.159	188	7873	0.400	ng	#-0.01
29) Chrysene-d12	21.356	240	6919	0.400	ng	#-0.02
35) Perylene-d12	23.675	264	6488	0.400	ng	#-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	652	0.104	ng	-0.01
5) Phenol-d6	6.995	99	438	0.063	ng	-0.01
8) Nitrobenzene-d5	8.950	82	1678	0.294	ng	-0.02
11) 2-Methylnaphthalene-d10	12.159	152	2454	0.267	ng	-0.01
14) 2,4,6-Tribromophenol	15.905	330	191	0.078	ng	-0.01
15) 2-Fluorobiphenyl	13.038	172	4622	0.295	ng	-0.01
27) Fluoranthene-d10	19.190	212	7215	0.348	ng	-0.02
31) Terphenyl-d14	19.799	244	6851	0.367	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.326	88	15429	7.593	ng	94
3) n-Nitrosodimethylamine	3.666	42	46	0.106	ng	# 59
16) Acenaphthylene	14.129	152	500	0.026	ng	96
30) Pyrene	19.585	202	214	0.098	ng	# 84
34) Bis(2-ethylhexyl)phtha...	21.284	149	1862	Below Cal	#	95

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

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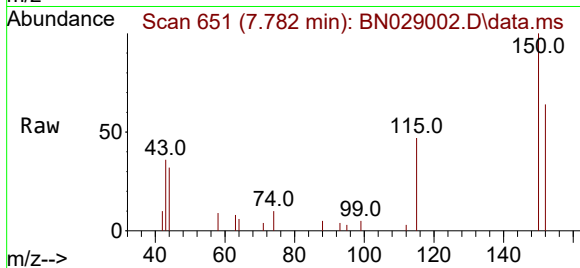
Quant Time: Dec 03 08:18:23 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN113023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 23:11:55 2023
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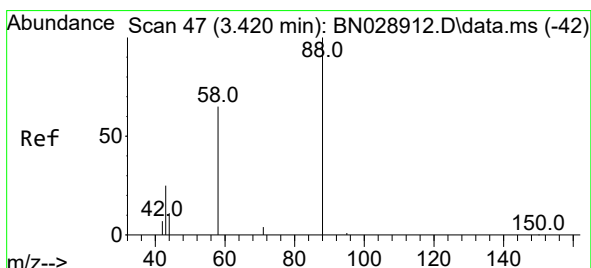
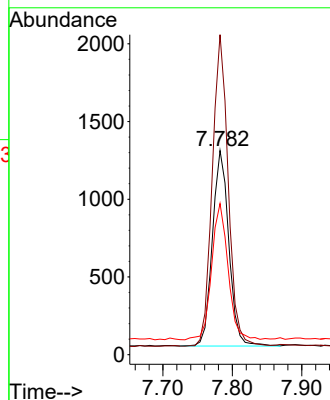
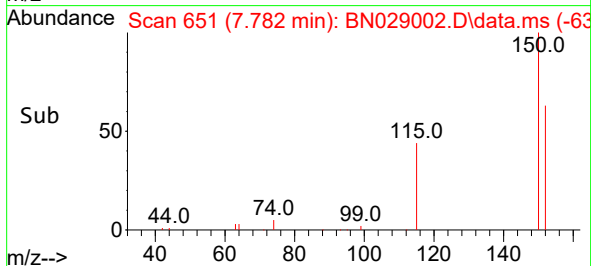


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.782 min Scan# 61
 Delta R.T. -0.015 min
 Lab File: BN029002.D
 Acq: 03 Dec 2023 02:35

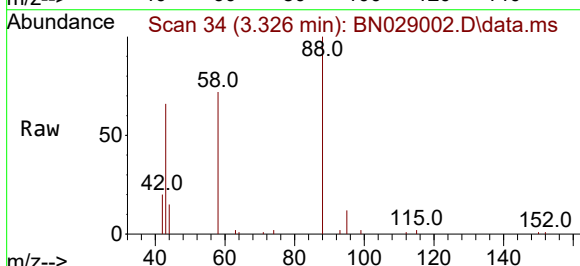
Instrument :
 BNA_N
 ClientSampleId :
 RE125D2-20231109



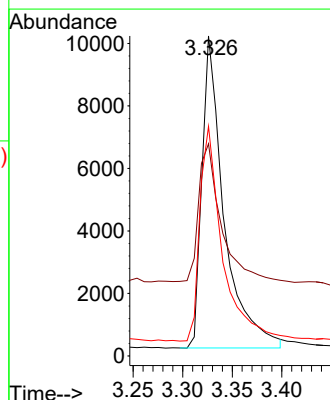
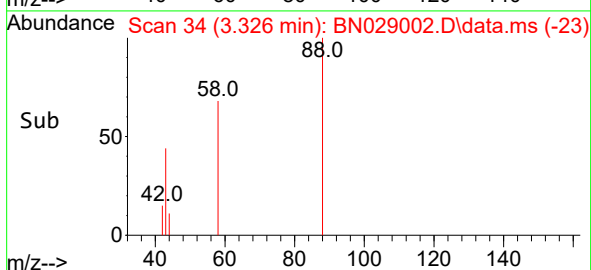
Tgt Ion:152 Resp: 2075
 Ion Ratio Lower Upper
 152 100
 150 156.7 123.4 185.2
 115 74.0 59.1 88.7



#2
 1,4-Dioxane
 Concen: 7.593 ng
 RT: 3.326 min Scan# 34
 Delta R.T. -0.022 min
 Lab File: BN029002.D
 Acq: 03 Dec 2023 02:35



Tgt Ion: 88 Resp: 15429
 Ion Ratio Lower Upper
 88 100
 43 44.6 29.9 44.9
 58 70.8 55.0 82.4

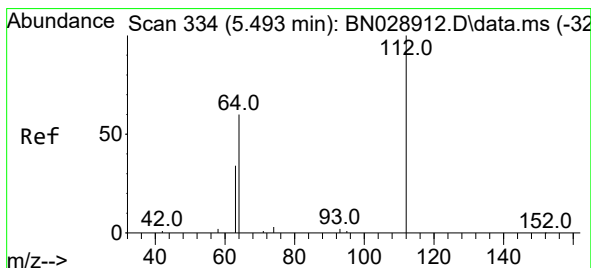
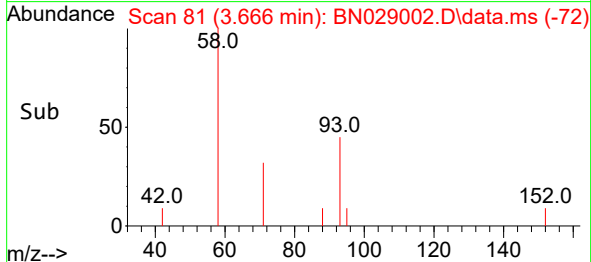
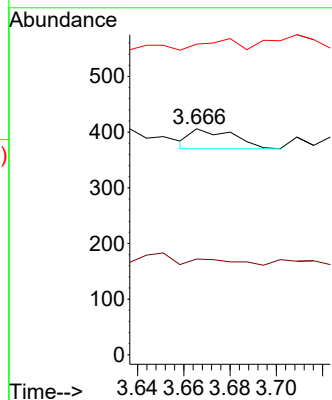
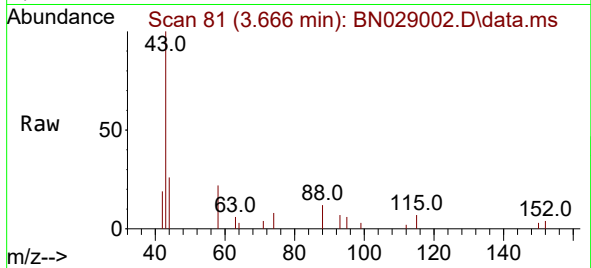




#3
n-Nitrosodimethylamine
Concen: 0.106 ng
RT: 3.666 min Scan# 81
Delta R.T. -0.036 min
Lab File: BN029002.D
Acq: 03 Dec 2023 02:35

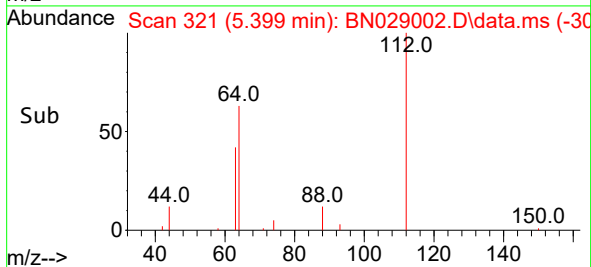
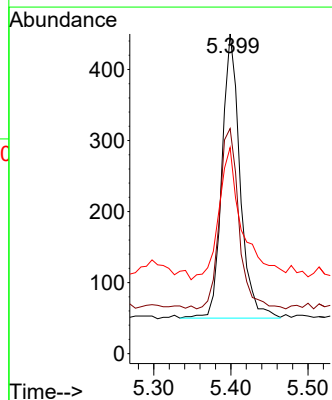
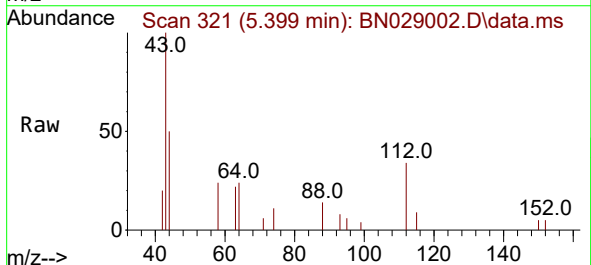
Instrument :
BNA_N
ClientSampleId :
RE125D2-20231109

Tgt Ion: 42 Resp: 46
Ion Ratio Lower Upper
42 100
74 37.0 57.0 85.6#
44 0.0 0.0 0.0



#4
2-Fluorophenol
Concen: 0.104 ng
RT: 5.399 min Scan# 321
Delta R.T. -0.015 min
Lab File: BN029002.D
Acq: 03 Dec 2023 02:35

Tgt Ion: 112 Resp: 652
Ion Ratio Lower Upper
112 100
64 68.1 51.5 77.3
63 61.2 30.4 45.6#

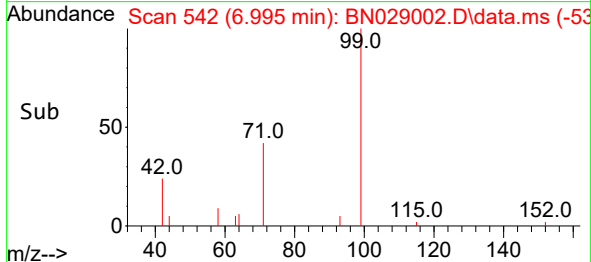
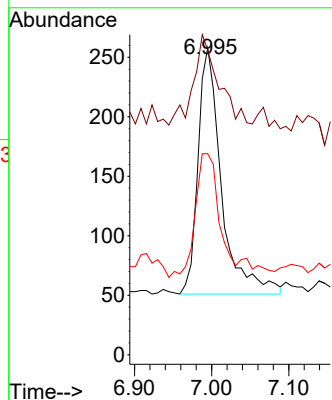
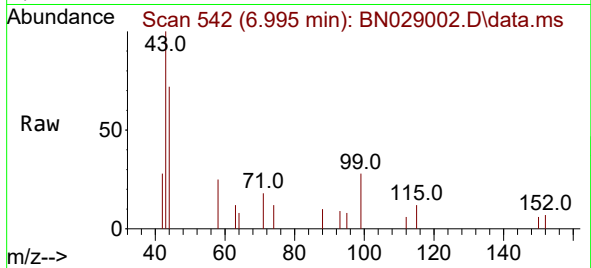




#5
Phenol-d6
Concen: 0.063 ng
RT: 6.995 min Scan# 54
Delta R.T. -0.015 min
Lab File: BN029002.D
Acq: 03 Dec 2023 02:35

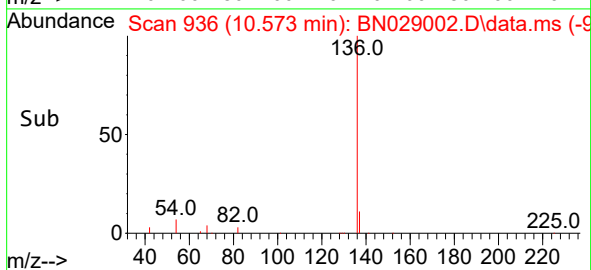
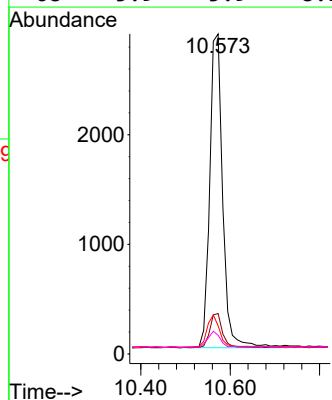
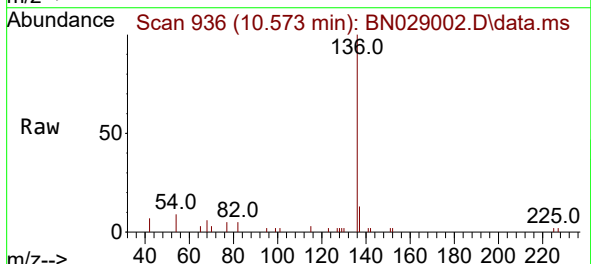
Instrument :
BNA_N
ClientSampleId :
RE125D2-20231109

Tgt Ion: 99 Resp: 438
Ion Ratio Lower Upper
99 100
42 41.6 21.2 31.8#
71 50.7 35.4 53.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 936
Delta R.T. -0.011 min
Lab File: BN029002.D
Acq: 03 Dec 2023 02:35

Tgt Ion: 136 Resp: 5734
Ion Ratio Lower Upper
136 100
137 12.6 10.6 16.0
54 8.8 7.5 11.3
68 5.9 5.9 8.9#

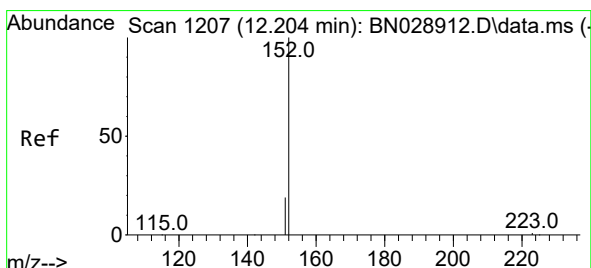
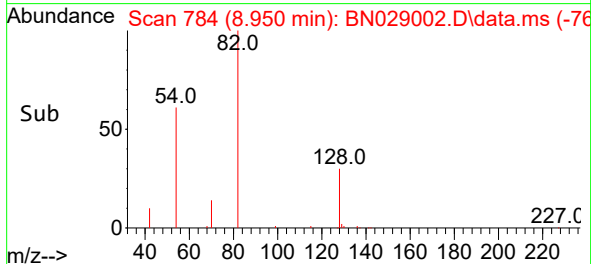
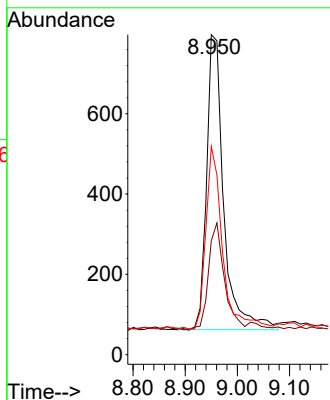
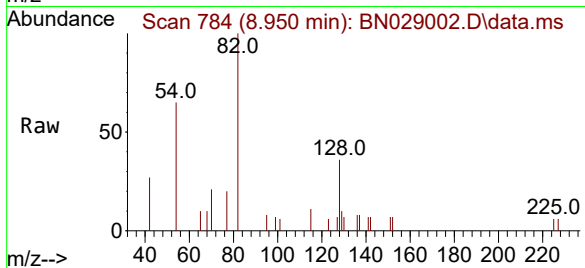




#8
Nitrobenzene-d5
Concen: 0.294 ng
RT: 8.950 min Scan# 71
Delta R.T. -0.021 min
Lab File: BN029002.D
Acq: 03 Dec 2023 02:35

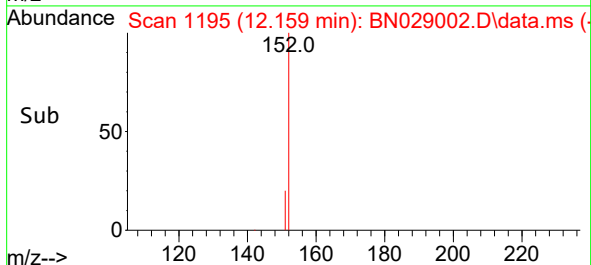
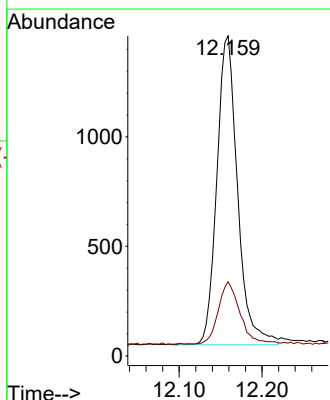
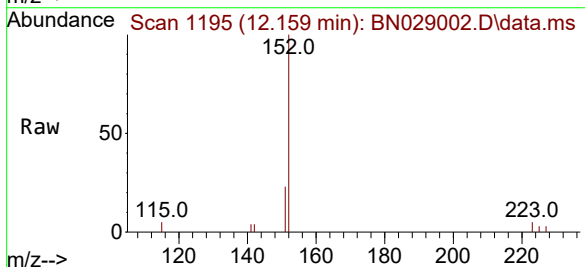
Instrument :
BNA_N
ClientSampleId :
RE125D2-20231109

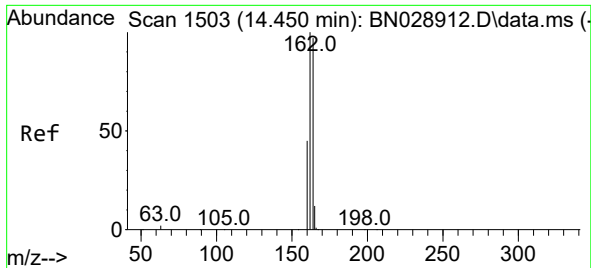
Tgt Ion: 82 Resp: 1678
Ion Ratio Lower Upper
82 100
128 35.6 29.2 43.8
54 65.1 47.0 70.6



#11
2-Methylnaphthalene-d10
Concen: 0.267 ng
RT: 12.159 min Scan# 1195
Delta R.T. -0.011 min
Lab File: BN029002.D
Acq: 03 Dec 2023 02:35

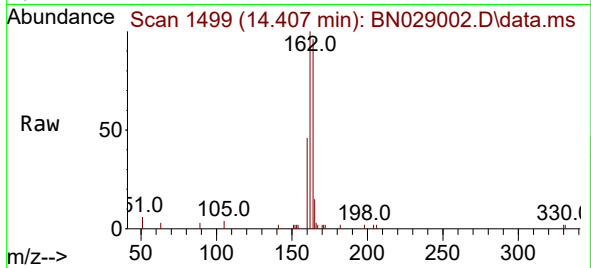
Tgt Ion:152 Resp: 2454
Ion Ratio Lower Upper
152 100
151 21.1 16.7 25.1



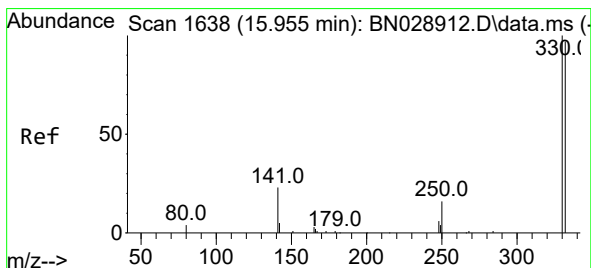
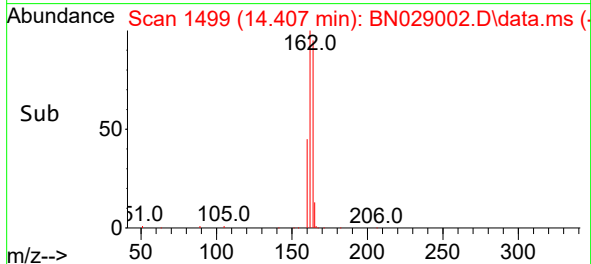
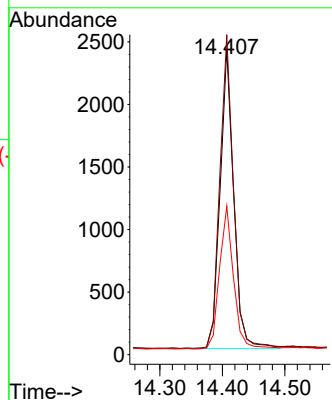


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.407 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN029002.D
Acq: 03 Dec 2023 02:35

Instrument :
BNA_N
ClientSampleId :
RE125D2-20231109

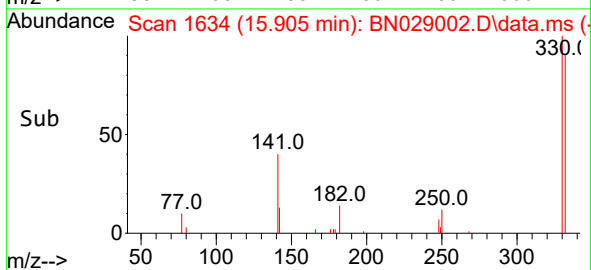
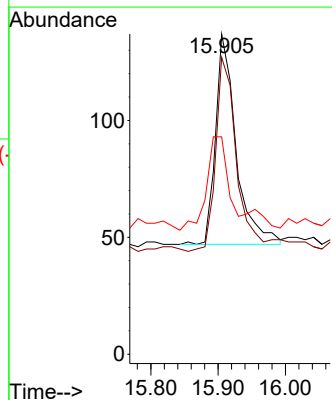
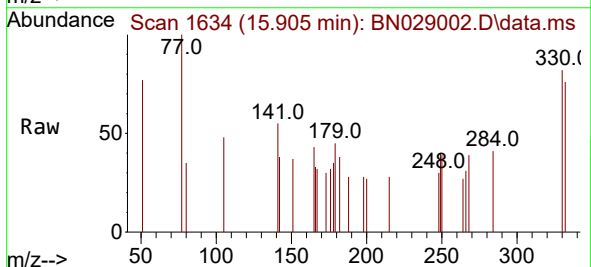


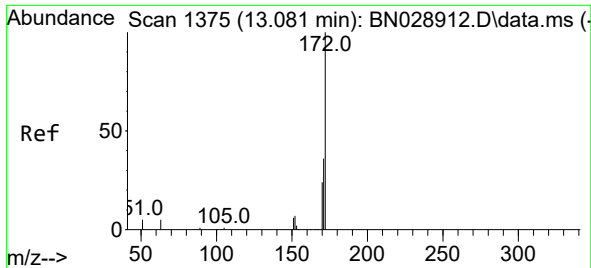
Tgt Ion:164 Resp: 3627
Ion Ratio Lower Upper
164 100
162 104.6 81.7 122.5
160 48.5 37.0 55.6



#14
2,4,6-Tribromophenol
Concen: 0.078 ng
RT: 15.905 min Scan# 1634
Delta R.T. -0.013 min
Lab File: BN029002.D
Acq: 03 Dec 2023 02:35

Tgt Ion:330 Resp: 191
Ion Ratio Lower Upper
330 100
332 97.4 75.4 113.2
141 56.5 35.7 53.5#

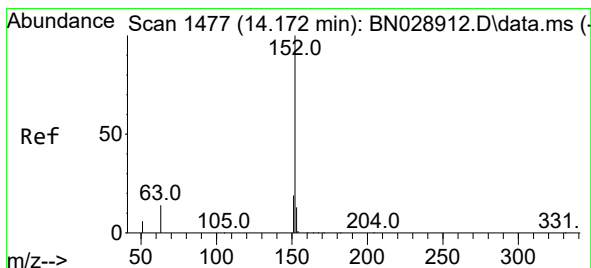
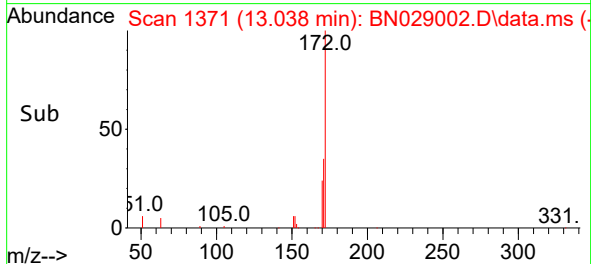
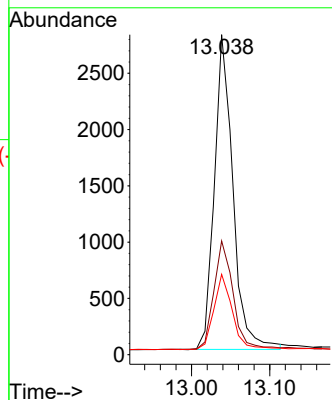
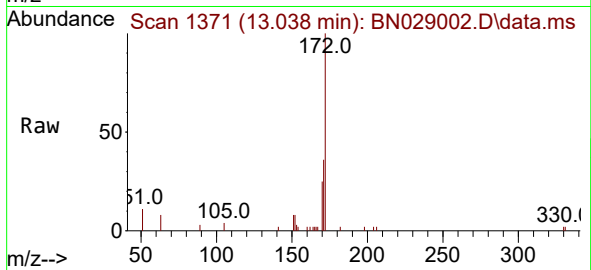




#15
2-Fluorobiphenyl
Concen: 0.295 ng
RT: 13.038 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN029002.D
Acq: 03 Dec 2023 02:35

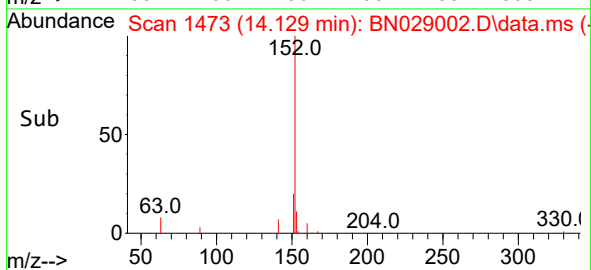
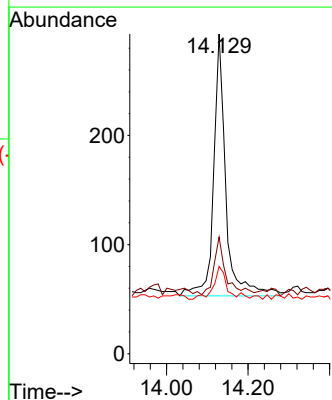
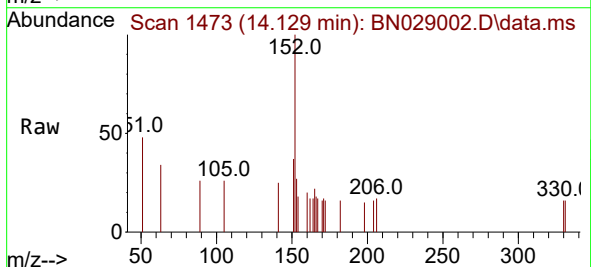
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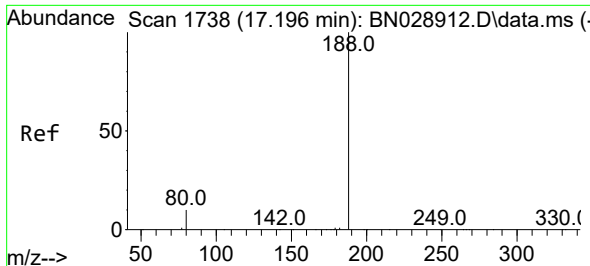
Tgt Ion:	172	Resp:	4622
Ion Ratio	Lower	Upper	
172	100		
171	35.6	29.0	43.4
170	25.1	19.7	29.5



#16
Acenaphthylene
Concen: 0.026 ng
RT: 14.129 min Scan# 1473
Delta R.T. -0.011 min
Lab File: BN029002.D
Acq: 03 Dec 2023 02:35

Tgt Ion:	152	Resp:	500
Ion Ratio	Lower	Upper	
152	100		
151	22.0	15.9	23.9
153	12.6	10.8	16.2

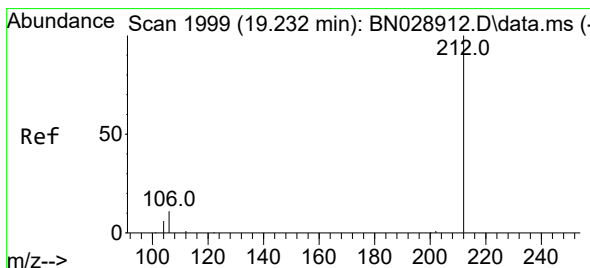
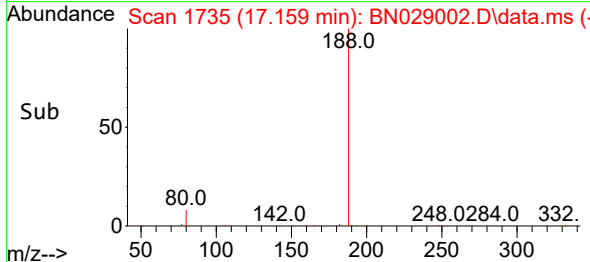
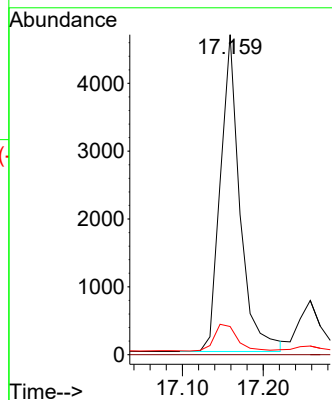
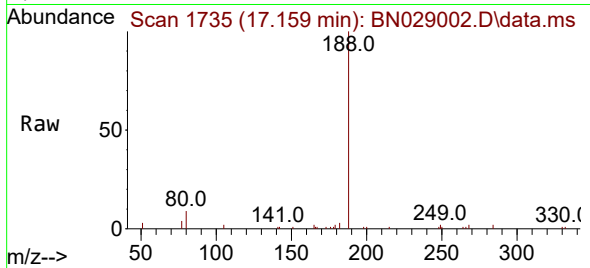




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.159 min Scan# 1735
Delta R.T. -0.012 min
Lab File: BN029002.D
Acq: 03 Dec 2023 02:35

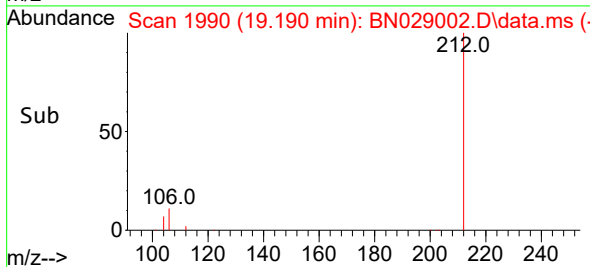
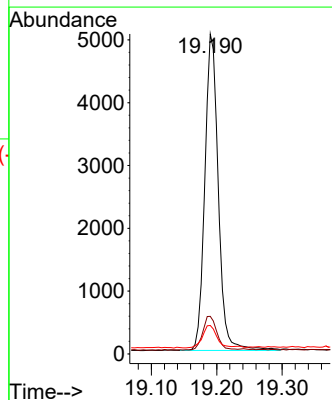
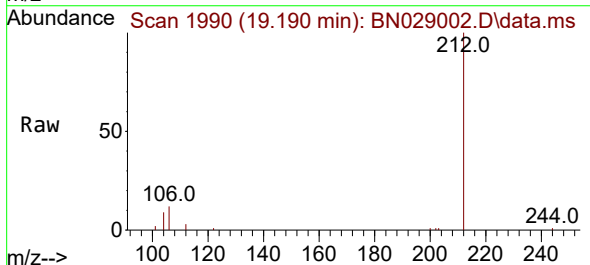
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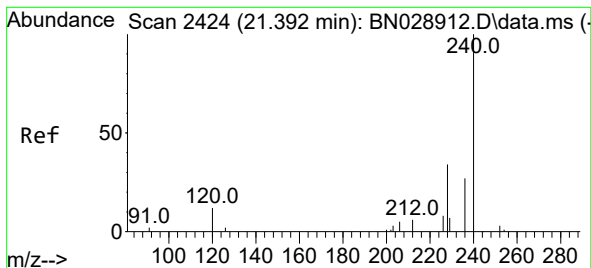
Tgt Ion:188 Resp: 7873
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.8 9.0 13.6#



#27
Fluoranthene-d10
Concen: 0.348 ng
RT: 19.190 min Scan# 1990
Delta R.T. -0.019 min
Lab File: BN029002.D
Acq: 03 Dec 2023 02:35

Tgt Ion:212 Resp: 7215
Ion Ratio Lower Upper
212 100
106 11.2 9.4 14.2
104 7.4 6.2 9.2





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.356 min Scan# 2420

Delta R.T. -0.018 min

Lab File: BN029002.D

Acq: 03 Dec 2023 02:35

Instrument :

BNA_N

ClientSampleId :

RE125D2-20231109

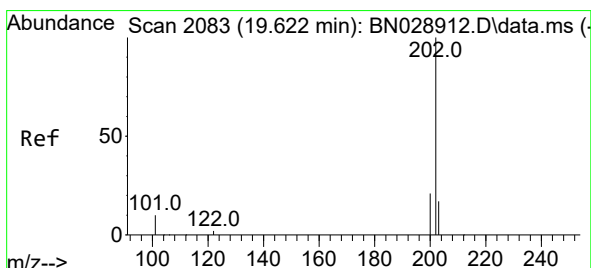
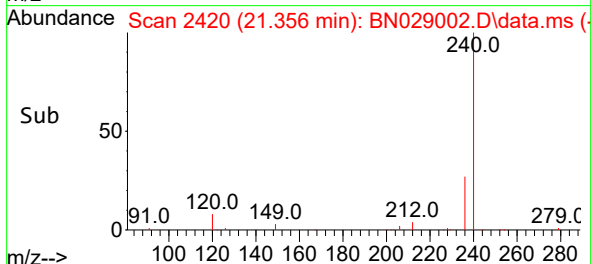
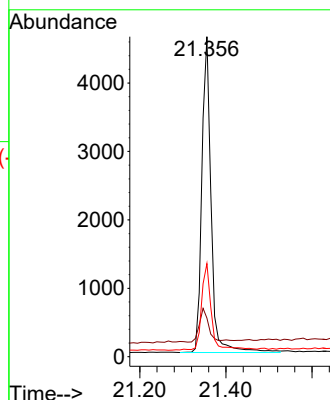
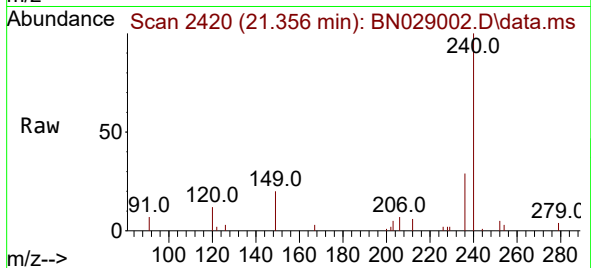
Tgt Ion:240 Resp: 6919

Ion Ratio Lower Upper

240 100

120 12.1 37.1 55.7#

236 29.1 32.4 48.6#



#30

Pyrene

Concen: 0.098 ng

RT: 19.585 min Scan# 2075

Delta R.T. -0.019 min

Lab File: BN029002.D

Acq: 03 Dec 2023 02:35

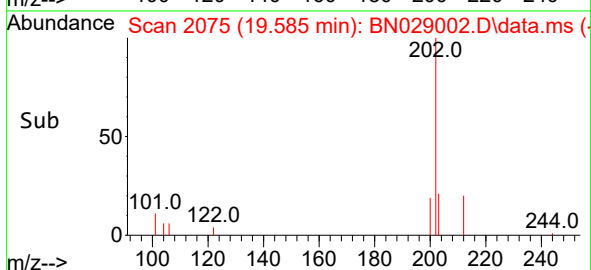
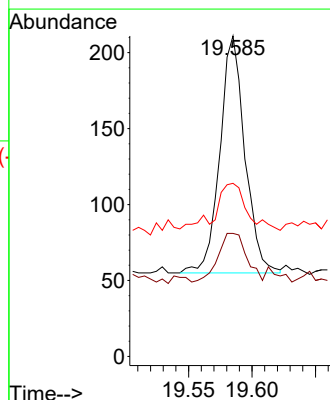
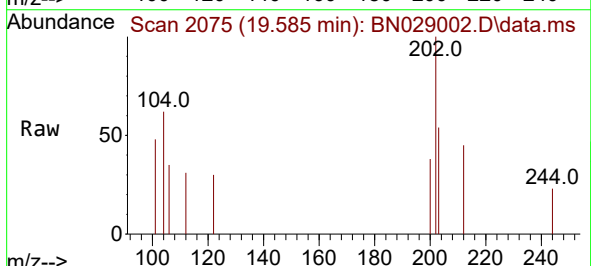
Tgt Ion:202 Resp: 214

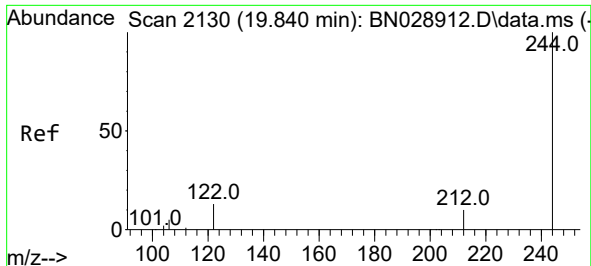
Ion Ratio Lower Upper

202 100

200 23.4 16.9 25.3

203 31.3 14.8 22.2#

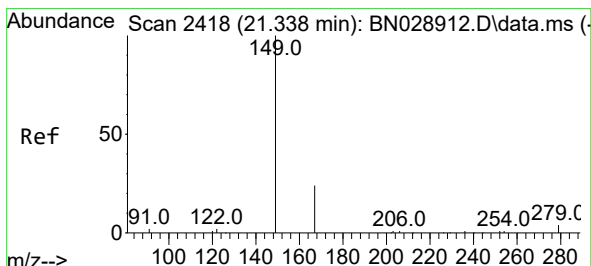
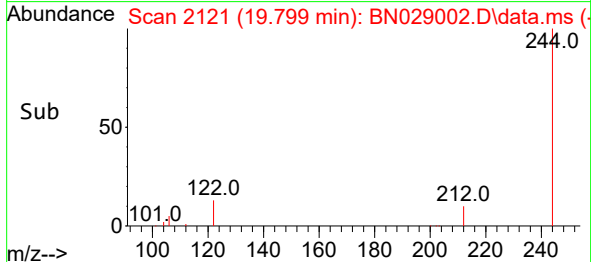
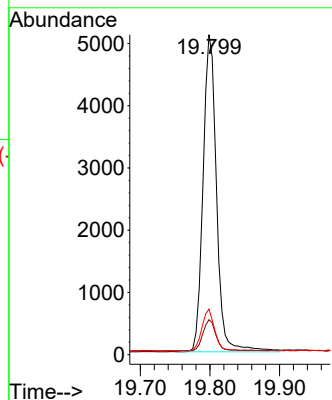
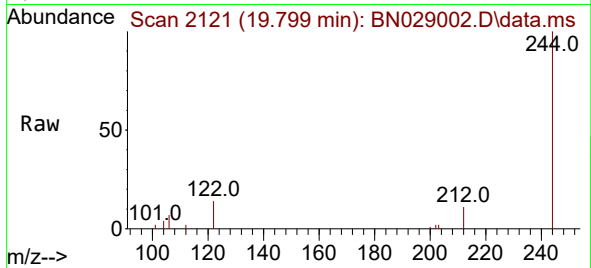




#31
Terphenyl-d14
Concen: 0.367 ng
RT: 19.799 min Scan# 2130
Delta R.T. -0.019 min
Lab File: BN029002.D
Acq: 03 Dec 2023 02:35

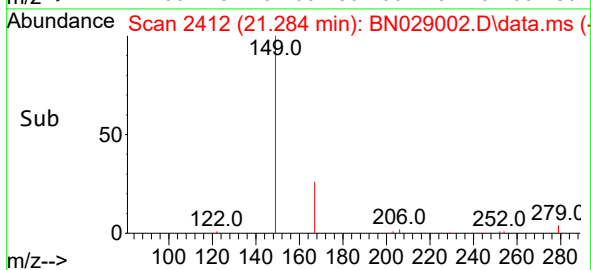
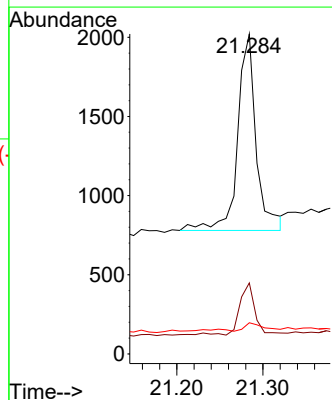
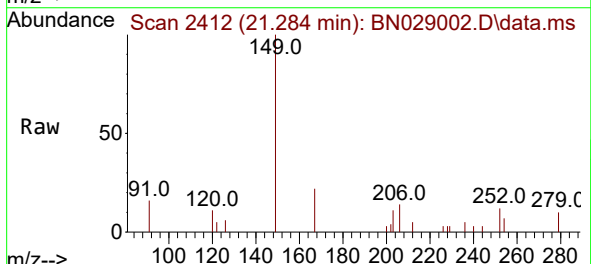
Instrument :
BNA_N
ClientSampleId :
RE125D2-20231109

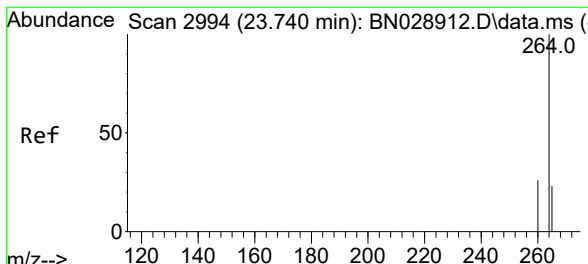
Tgt Ion:244 Resp: 6851
Ion Ratio Lower Upper
244 100
212 11.0 11.5 17.3#
122 14.2 13.2 19.8



#34
Bis(2-ethylhexyl)phthalate
Concen: Below Cal
RT: 21.284 min Scan# 2412
Delta R.T. -0.018 min
Lab File: BN029002.D
Acq: 03 Dec 2023 02:35

Tgt Ion:149 Resp: 1862
Ion Ratio Lower Upper
149 100
167 20.2 14.9 22.3
279 4.5 6.3 9.5#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.675 min Scan# 2994
 Delta R.T. -0.032 min
 Lab File: BN029002.D
 Acq: 03 Dec 2023 02:35

Instrument : BNA_N
 ClientSampleId : RE125D2-20231109

Tgt Ion:264 Resp: 6488

Ion	Ratio	Lower	Upper
264	100		
260	26.1	20.6	30.8
265	71.0	464.5	696.7#

