

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120123\
 Data File : BN028997.D
 Acq On : 02 Dec 2023 23:35
 Operator : MA/JU
 Sample : 05404-17
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE108D1-20231109

Quant Time: Dec 03 08:17:08 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)

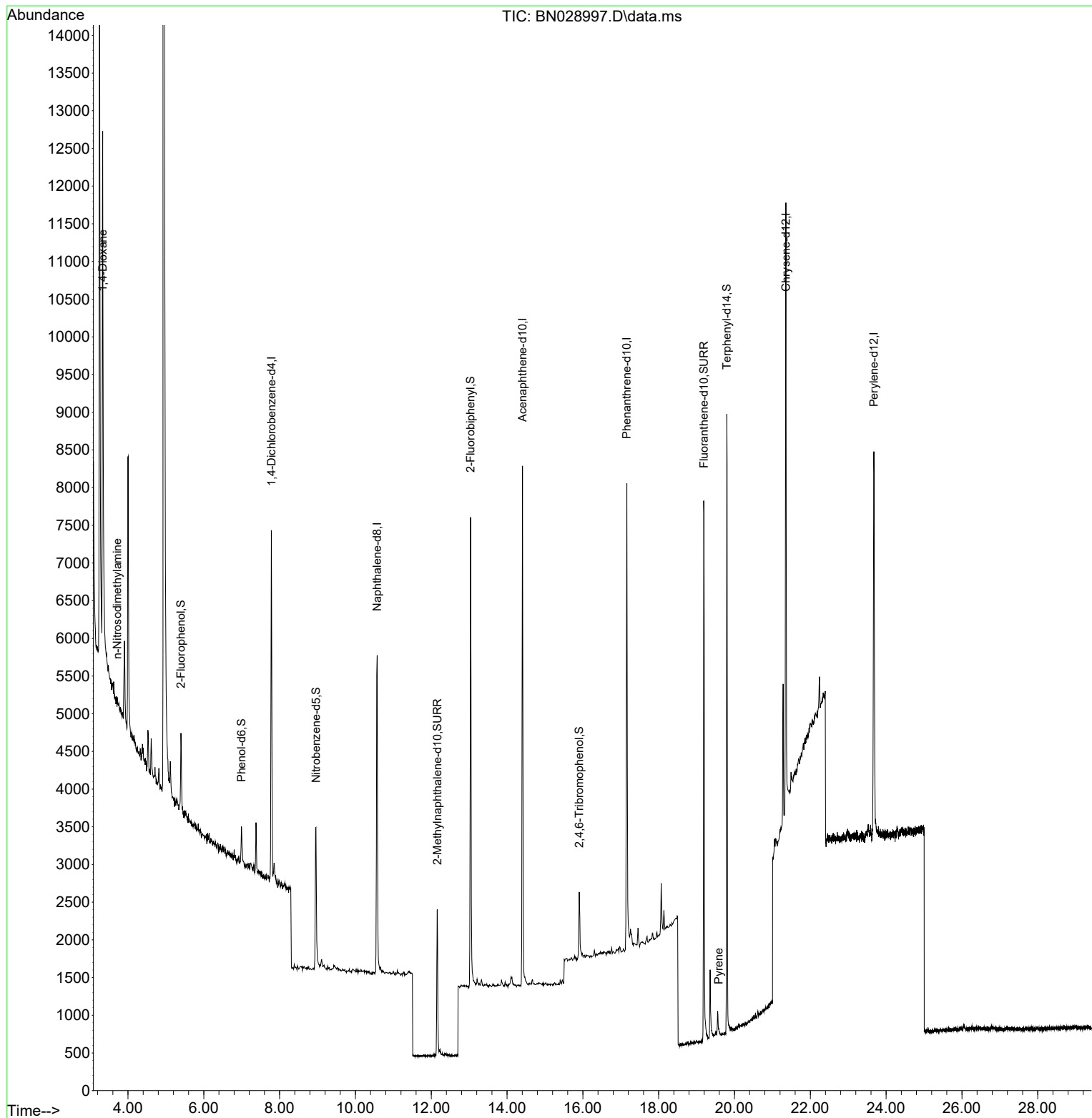
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.782	152	2212	0.400	ng	-0.01
7) Naphthalene-d8	10.573	136	6149	0.400	ng	#-0.01
13) Acenaphthene-d10	14.407	164	3970	0.400	ng	-0.01
19) Phenanthrene-d10	17.159	188	8856	0.400	ng	-0.01
29) Chrysene-d12	21.356	240	7628	0.400	ng	#-0.02
35) Perylene-d12	23.678	264	7141	0.400	ng	#-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	741	0.111	ng	-0.01
5) Phenol-d6	6.995	99	475	0.064	ng	-0.01
8) Nitrobenzene-d5	8.961	82	1882	0.308	ng	-0.01
11) 2-Methylnaphthalene-d10	12.159	152	2881	0.292	ng	-0.01
14) 2,4,6-Tribromophenol	15.905	330	576	0.215	ng	-0.01
15) 2-Fluorobiphenyl	13.038	172	5445	0.318	ng	-0.01
27) Fluoranthene-d10	19.195	212	8442	0.362	ng	-0.01
31) Terphenyl-d14	19.799	244	8190	0.385	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.333	88	5024	2.319	ng	97
3) n-Nitrosodimethylamine	3.716	42	39	0.103	ng	# 14
30) Pyrene	19.585	202	72	0.095	ng	# 63
34) Bis(2-ethylhexyl)phtha...	21.284	149	2074	Below Cal	#	90

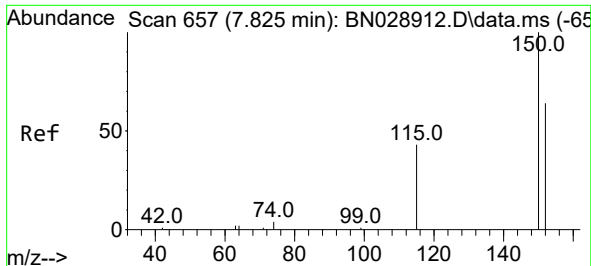
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120123\
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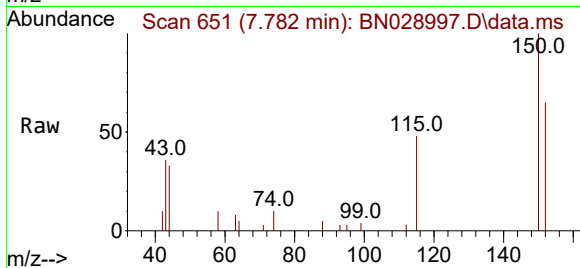
Quant Time: Dec 03 08:17:08 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN113023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 23:11:55 2023
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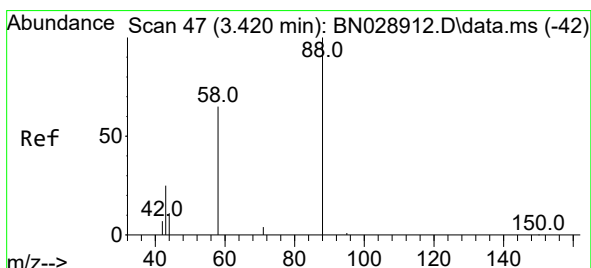
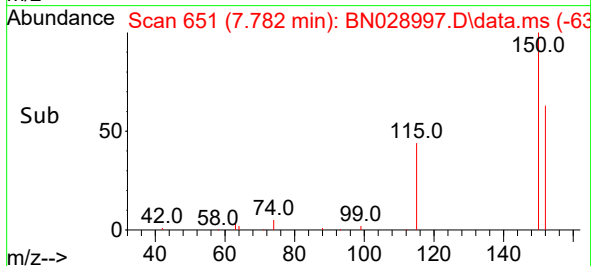
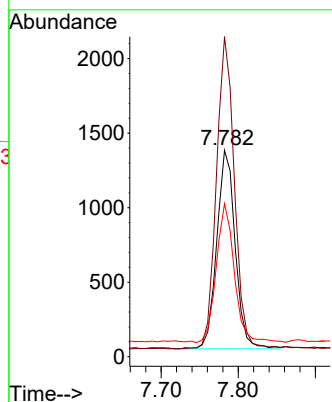
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.782 min Scan# 61
 Delta R.T. -0.015 min
 Lab File: BN028997.D
 Acq: 02 Dec 2023 23:35

Instrument :
 BNA_N
 ClientSampleId :
 RE108D1-20231109



Tgt Ion:152 Resp: 2212

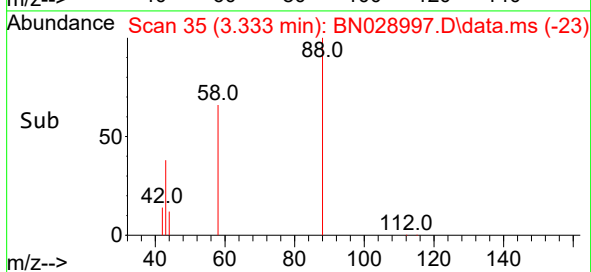
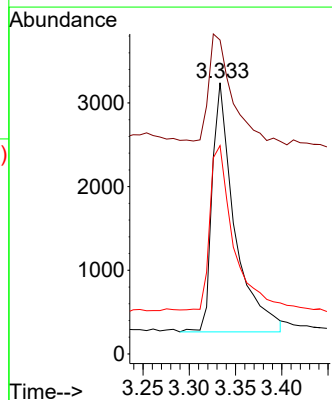
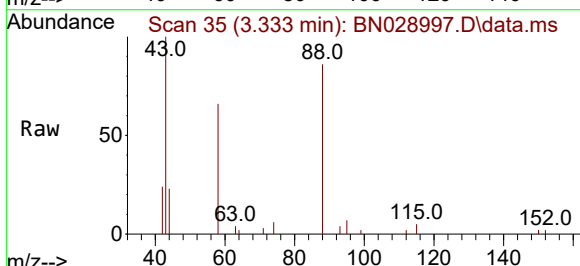
Ion	Ratio	Lower	Upper
152	100		
150	155.0	123.4	185.2
115	74.1	59.1	88.7

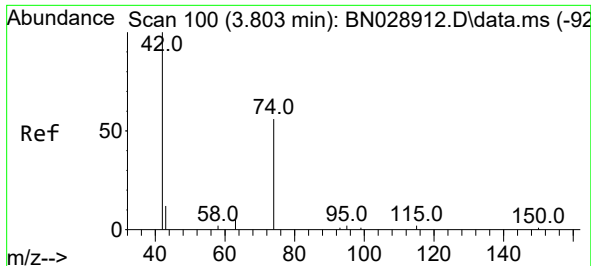


#2
 1,4-Dioxane
 Concen: 2.319 ng
 RT: 3.333 min Scan# 35
 Delta R.T. -0.015 min
 Lab File: BN028997.D
 Acq: 02 Dec 2023 23:35

Tgt Ion: 88 Resp: 5024

Ion	Ratio	Lower	Upper
88	100		
43	43.0	29.9	44.9
58	68.6	55.0	82.4

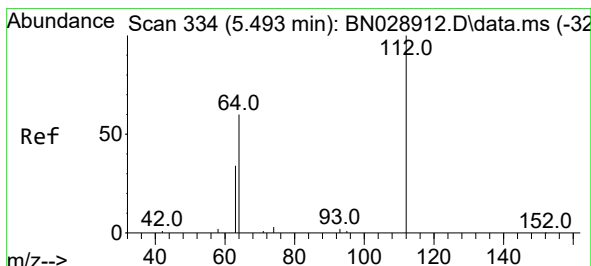
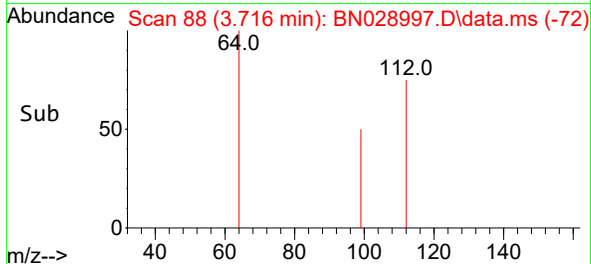
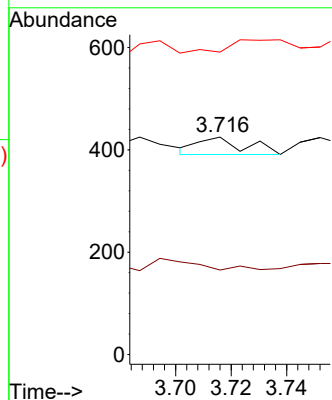
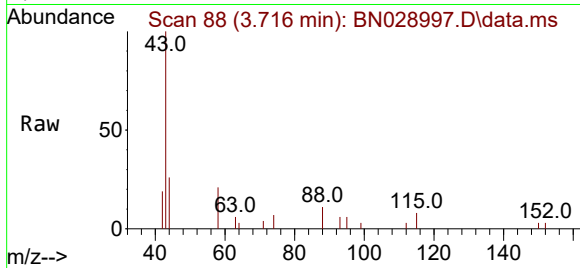




#3
n-Nitrosodimethylamine
Concen: 0.103 ng
RT: 3.716 min Scan# 81
Delta R.T. 0.014 min
Lab File: BN028997.D
Acq: 02 Dec 2023 23:35

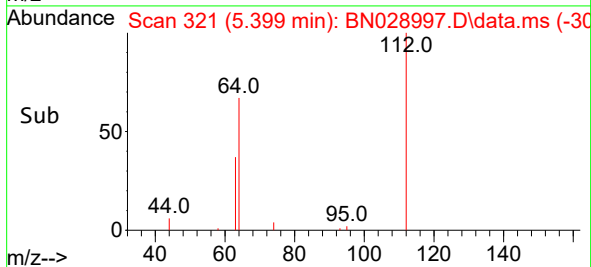
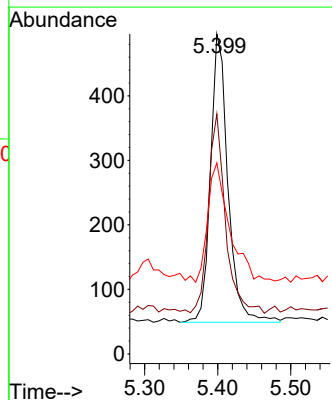
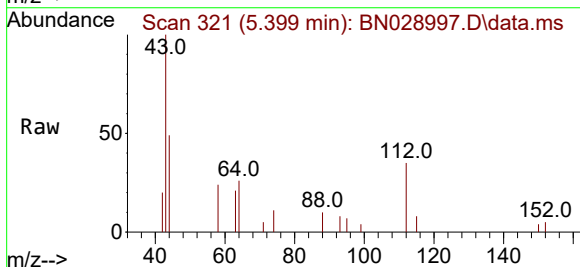
Instrument :
BNA_N
ClientSampleId :
RE108D1-20231109

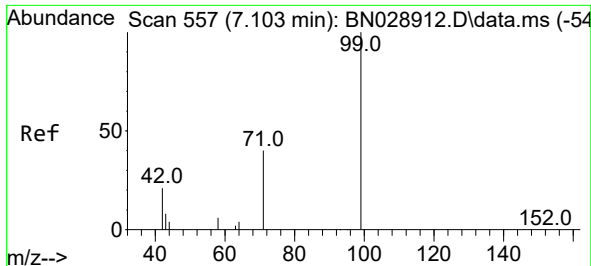
Tgt Ion: 42 Resp: 39
Ion Ratio Lower Upper
42 100
74 0.0 57.0 85.6#
44 87.2 0.0 0.0#



#4
2-Fluorophenol
Concen: 0.111 ng
RT: 5.399 min Scan# 321
Delta R.T. -0.015 min
Lab File: BN028997.D
Acq: 02 Dec 2023 23:35

Tgt Ion: 112 Resp: 741
Ion Ratio Lower Upper
112 100
64 67.7 51.5 77.3
63 52.0 30.4 45.6#

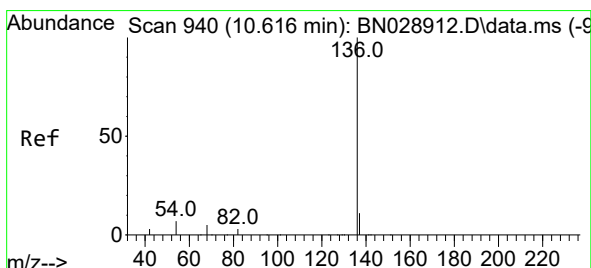
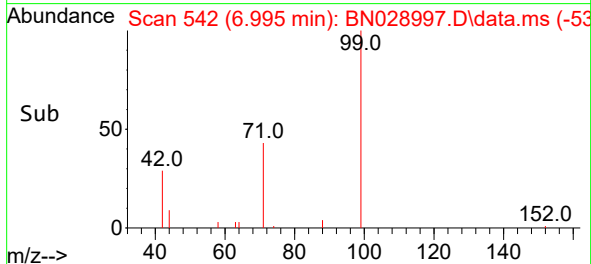
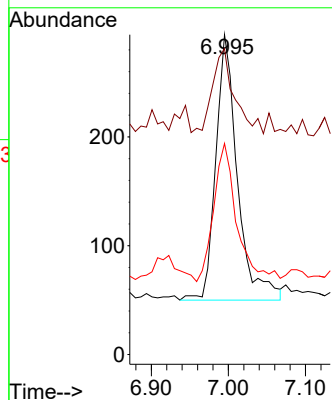
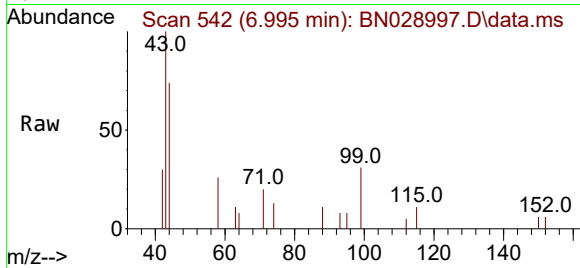




#5
Phenol-d6
Concen: 0.064 ng
RT: 6.995 min Scan# 54
Delta R.T. -0.015 min
Lab File: BN028997.D
Acq: 02 Dec 2023 23:35

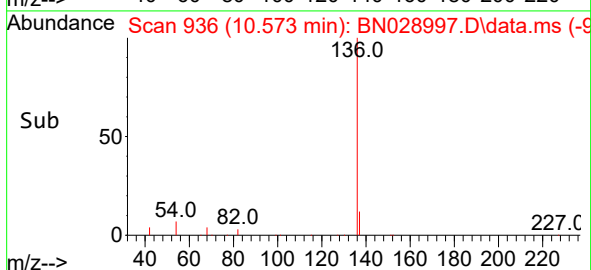
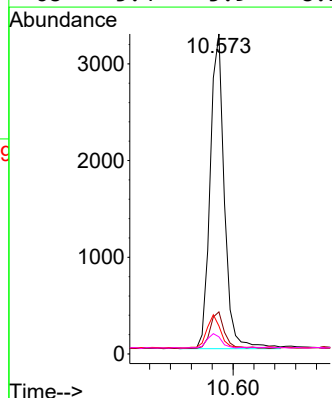
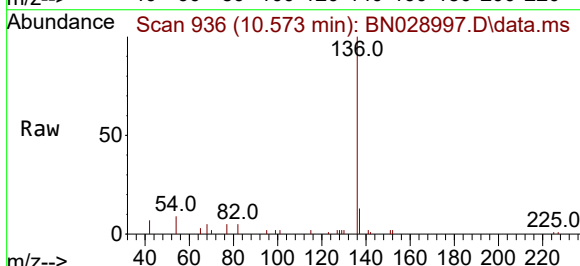
Instrument :
BNA_N
ClientSampleId :
RE108D1-20231109

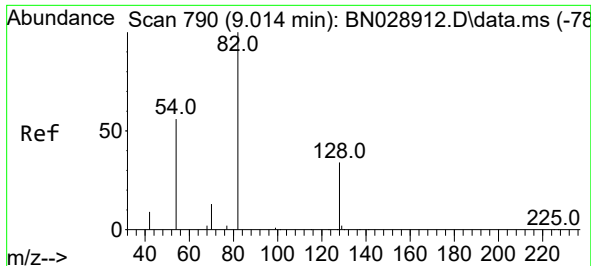
Tgt Ion: 99 Resp: 475
Ion Ratio Lower Upper
99 100
42 28.0 21.2 31.8
71 55.8 35.4 53.0#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 936
Delta R.T. -0.011 min
Lab File: BN028997.D
Acq: 02 Dec 2023 23:35

Tgt Ion:136 Resp: 6149
Ion Ratio Lower Upper
136 100
137 13.2 10.6 16.0
54 8.8 7.5 11.3
68 5.4 5.9 8.9#

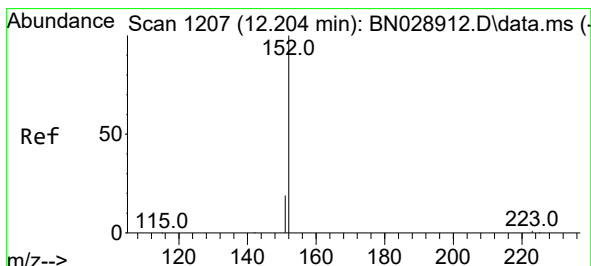
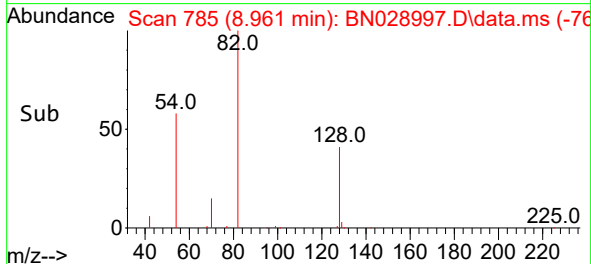
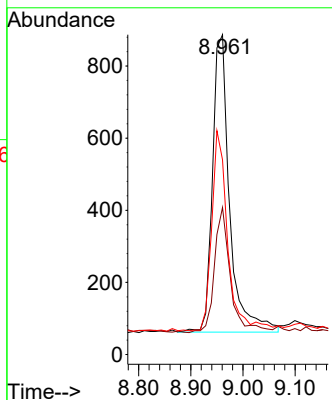
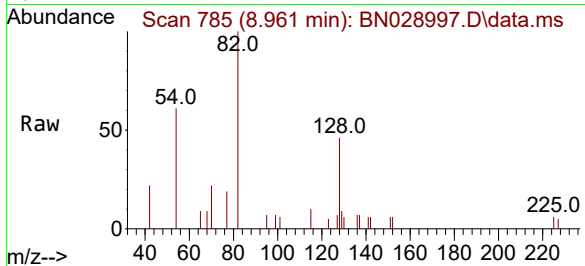




#8
Nitrobenzene-d5
Concen: 0.308 ng
RT: 8.961 min Scan# 71
Delta R.T. -0.011 min
Lab File: BN028997.D
Acq: 02 Dec 2023 23:35

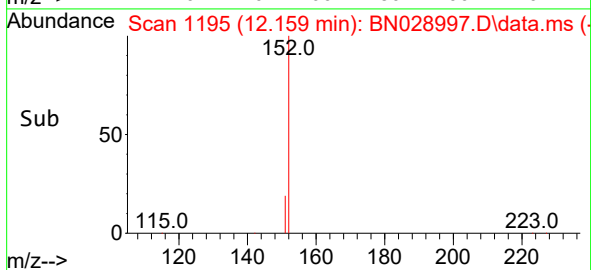
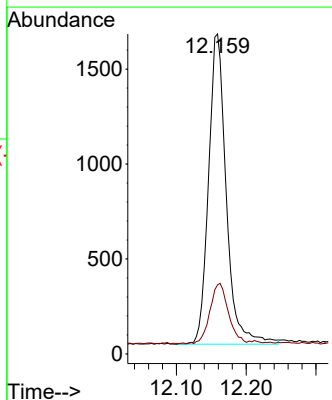
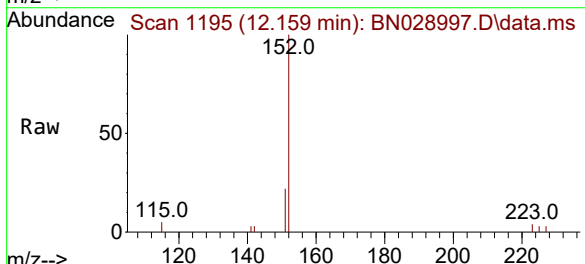
Instrument :
BNA_N
ClientSampleId :
RE108D1-20231109

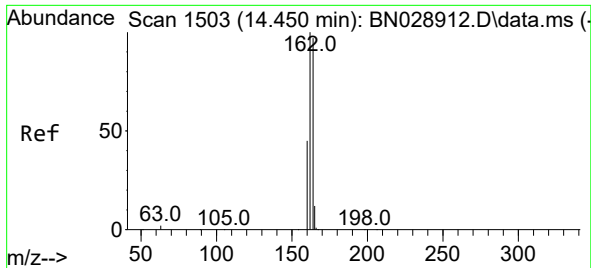
Tgt Ion: 82 Resp: 1882
Ion Ratio Lower Upper
82 100
128 46.0 29.2 43.8#
54 60.9 47.0 70.6



#11
2-Methylnaphthalene-d10
Concen: 0.292 ng
RT: 12.159 min Scan# 1195
Delta R.T. -0.012 min
Lab File: BN028997.D
Acq: 02 Dec 2023 23:35

Tgt Ion: 152 Resp: 2881
Ion Ratio Lower Upper
152 100
151 20.0 16.7 25.1

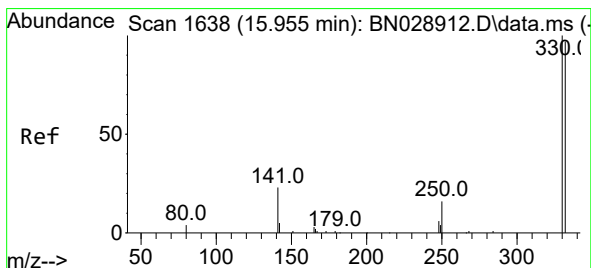
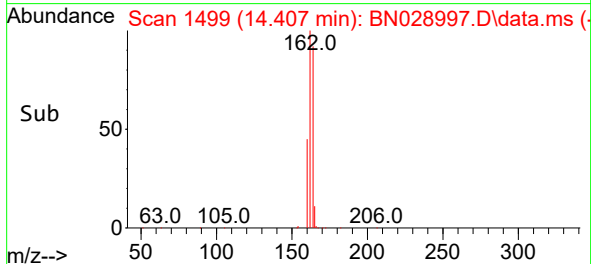
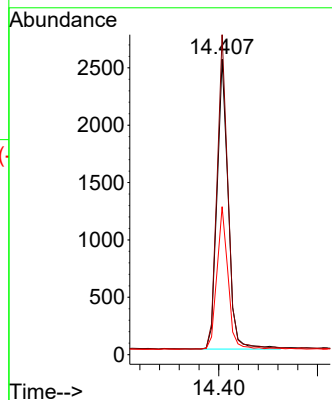
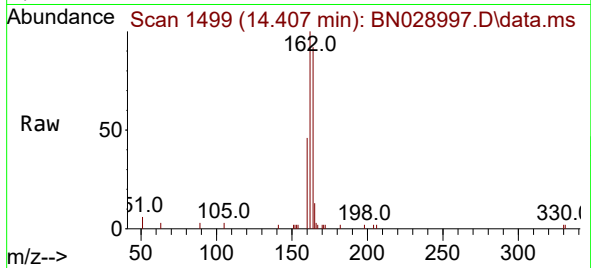




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.407 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN028997.D
Acq: 02 Dec 2023 23:35

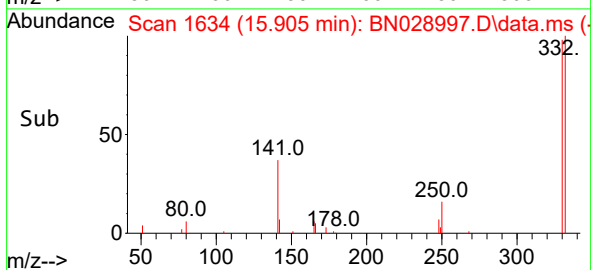
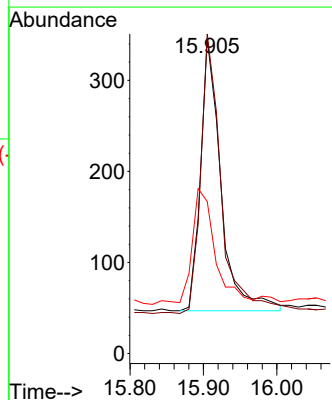
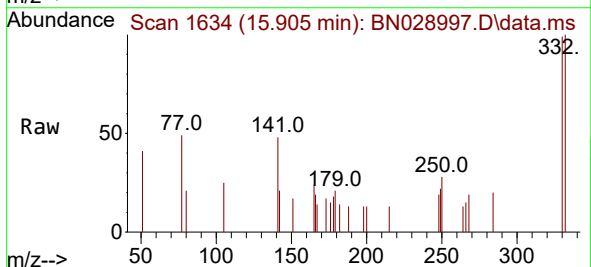
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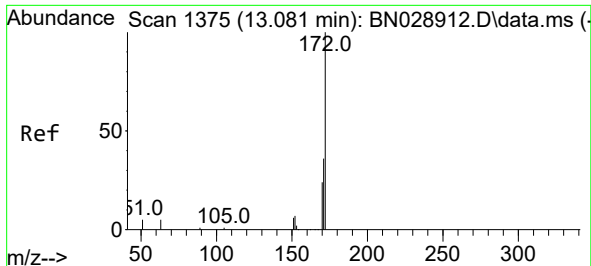
Tgt Ion:164 Resp: 3970
Ion Ratio Lower Upper
164 100
162 108.3 81.7 122.5
160 50.1 37.0 55.6



#14
2,4,6-Tribromophenol
Concen: 0.215 ng
RT: 15.905 min Scan# 1634
Delta R.T. -0.013 min
Lab File: BN028997.D
Acq: 02 Dec 2023 23:35

Tgt Ion:330 Resp: 576
Ion Ratio Lower Upper
330 100
332 104.2 75.4 113.2
141 49.0 35.7 53.5

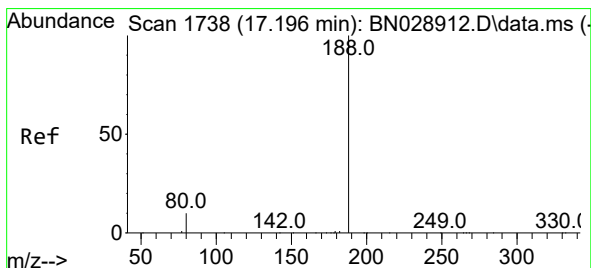
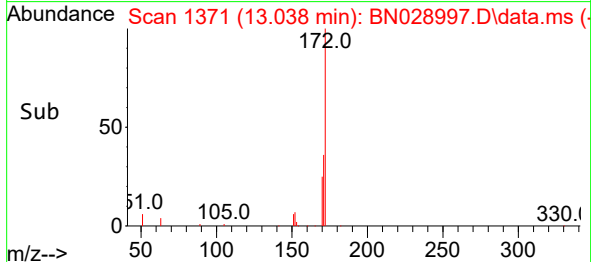
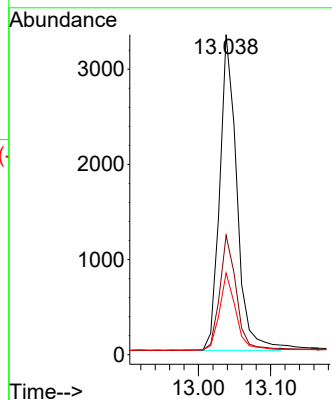
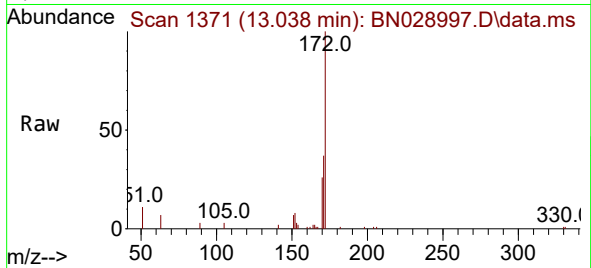




#15
2-Fluorobiphenyl
Concen: 0.318 ng
RT: 13.038 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN028997.D
Acq: 02 Dec 2023 23:35

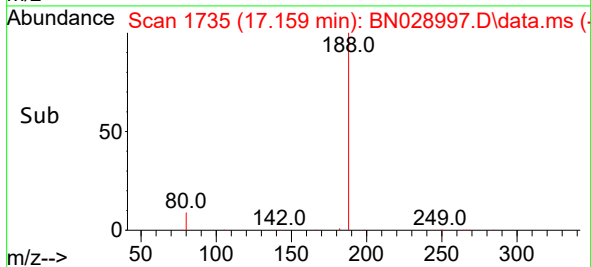
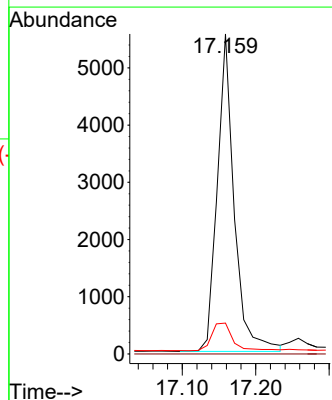
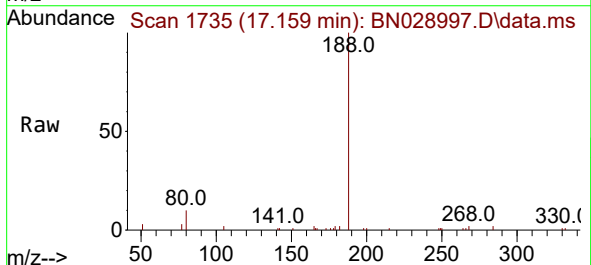
Instrument :
BNA_N
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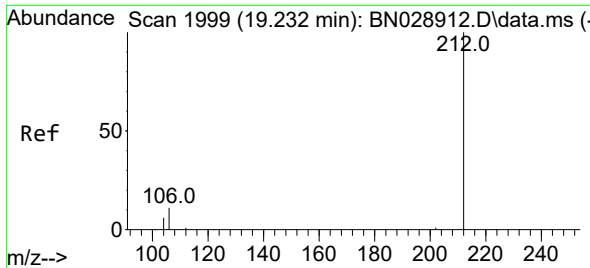
Tgt Ion:172 Resp: 5445
Ion Ratio Lower Upper
172 100
171 37.3 29.0 43.4
170 25.5 19.7 29.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.159 min Scan# 1735
Delta R.T. -0.013 min
Lab File: BN028997.D
Acq: 02 Dec 2023 23:35

Tgt Ion:188 Resp: 8856
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.6 9.0 13.6

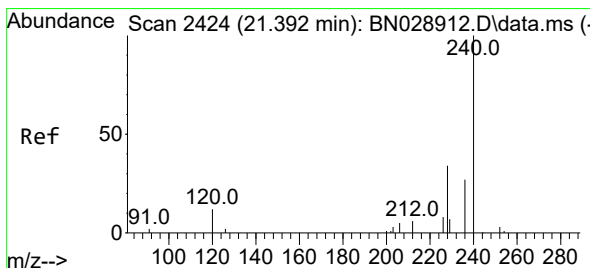
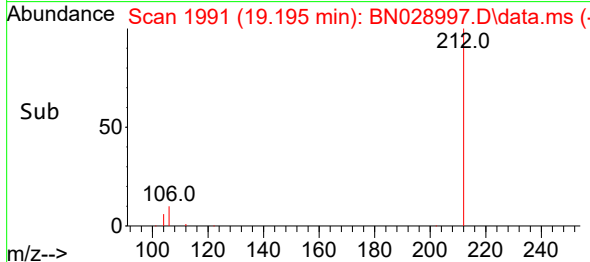
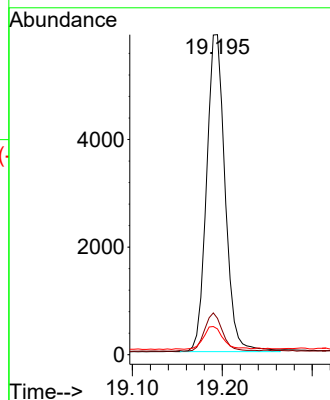
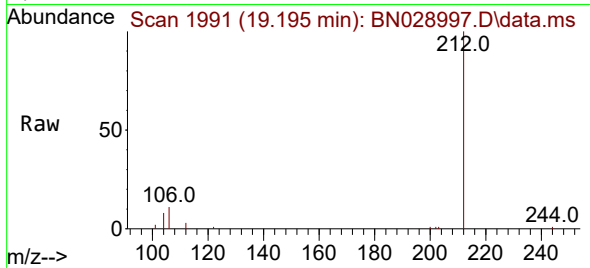




#27
Fluoranthene-d10
Concen: 0.362 ng
RT: 19.195 min Scan# 1991
Delta R.T. -0.014 min
Lab File: BN028997.D
Acq: 02 Dec 2023 23:35

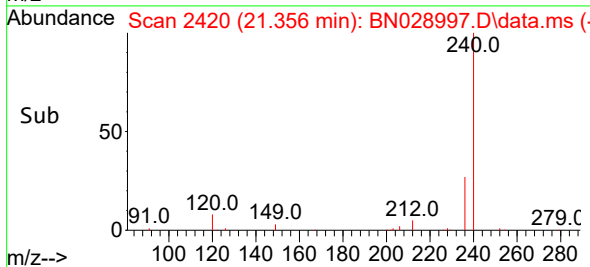
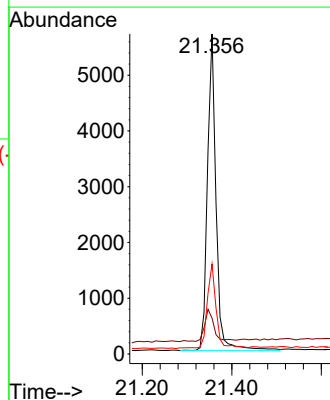
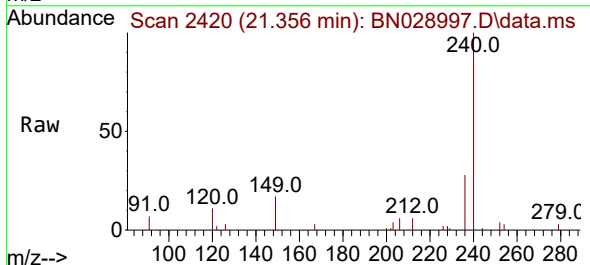
Instrument :
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ClientSampleId :
RE108D1-20231109

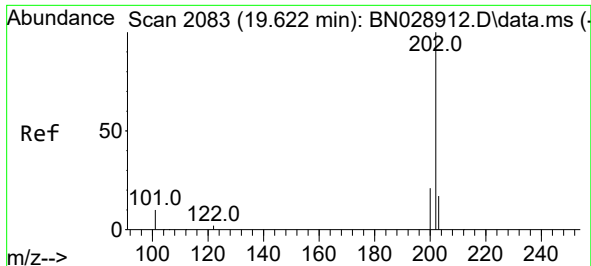
Tgt Ion:212 Resp: 8442
Ion Ratio Lower Upper
212 100
106 11.7 9.4 14.2
104 7.7 6.2 9.2



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.356 min Scan# 2420
Delta R.T. -0.018 min
Lab File: BN028997.D
Acq: 02 Dec 2023 23:35

Tgt Ion:240 Resp: 7628
Ion Ratio Lower Upper
240 100
120 11.2 37.1 55.7#
236 28.1 32.4 48.6#

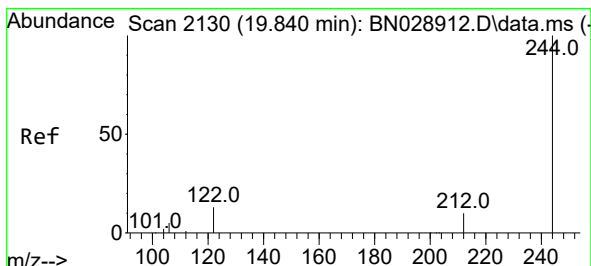
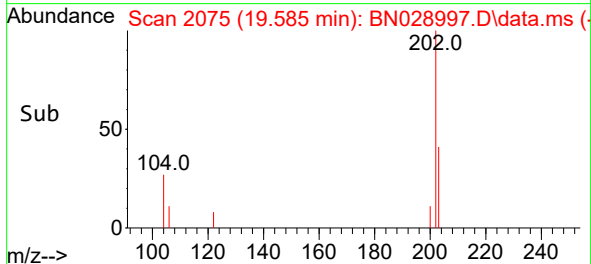
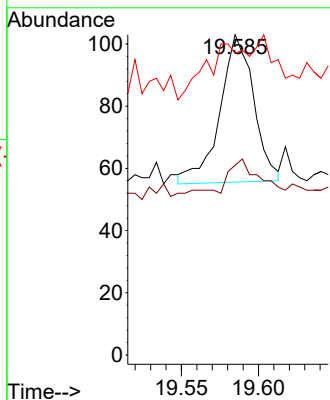
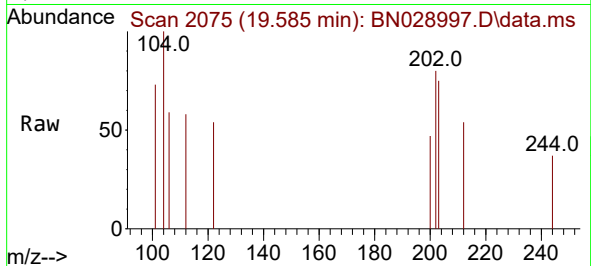




#30
Pyrene
Concen: 0.095 ng
RT: 19.585 min Scan# 2083
Delta R.T. -0.019 min
Lab File: BN028997.D
Acq: 02 Dec 2023 23:35

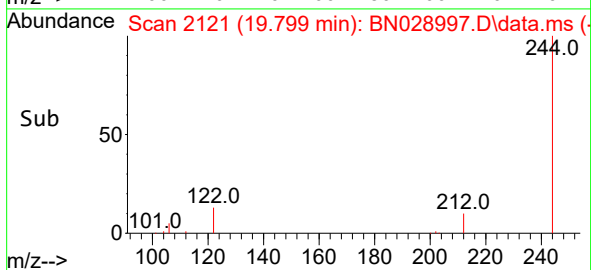
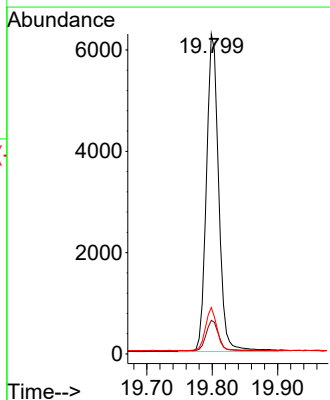
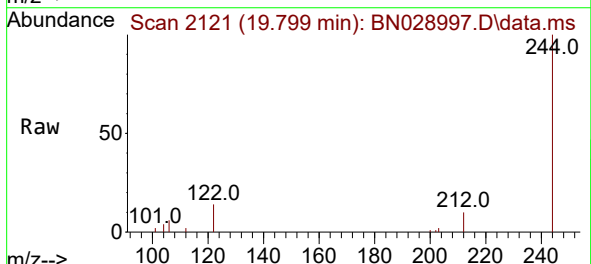
Instrument :
BNA_N
ClientSampleId :
RE108D1-20231109

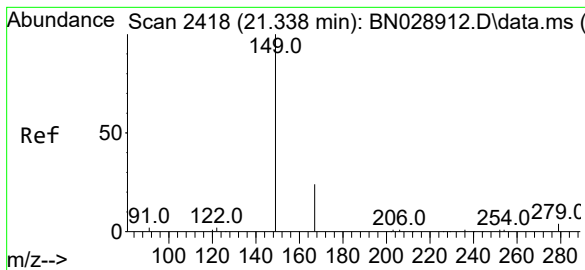
Tgt Ion:202 Resp: 72
Ion Ratio Lower Upper
202 100
200 15.3 16.9 25.3#
203 47.2 14.8 22.2#



#31
Terphenyl-d14
Concen: 0.385 ng
RT: 19.799 min Scan# 2121
Delta R.T. -0.019 min
Lab File: BN028997.D
Acq: 02 Dec 2023 23:35

Tgt Ion:244 Resp: 8190
Ion Ratio Lower Upper
244 100
212 10.5 11.5 17.3#
122 14.5 13.2 19.8

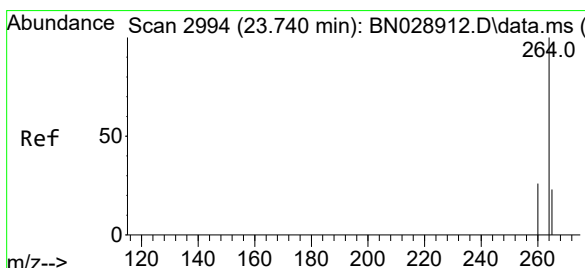
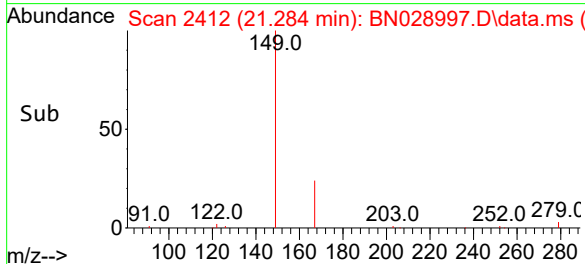
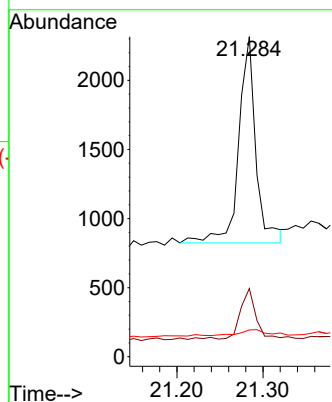
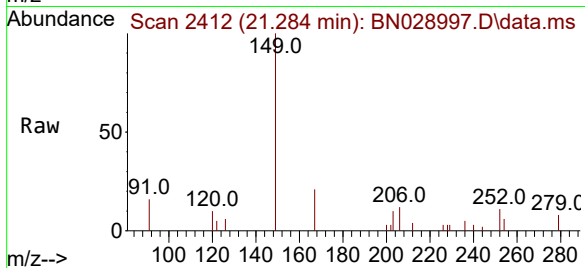




#34
Bis(2-ethylhexyl)phthalate
Concen: Below Cal
RT: 21.284 min Scan# 2412
Delta R.T. -0.018 min
Lab File: BN028997.D
Acq: 02 Dec 2023 23:35

Instrument :
BNA_N
ClientSampleId :
RE108D1-20231109

Tgt Ion:149 Resp: 2074
Ion Ratio Lower Upper
149 100
167 23.7 14.9 22.3#
279 4.9 6.3 9.5#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.678 min Scan# 2973
Delta R.T. -0.029 min
Lab File: BN028997.D
Acq: 02 Dec 2023 23:35

Tgt Ion:264 Resp: 7141
Ion Ratio Lower Upper
264 100
260 26.5 20.6 30.8
265 67.7 464.5 696.7#

