

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120123\
 Data File : BN028985.D
 Acq On : 02 Dec 2023 15:13
 Operator : MA/JU
 Sample : 05404-10
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE134D3-20231109

Quant Time: Dec 03 08:14:17 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)

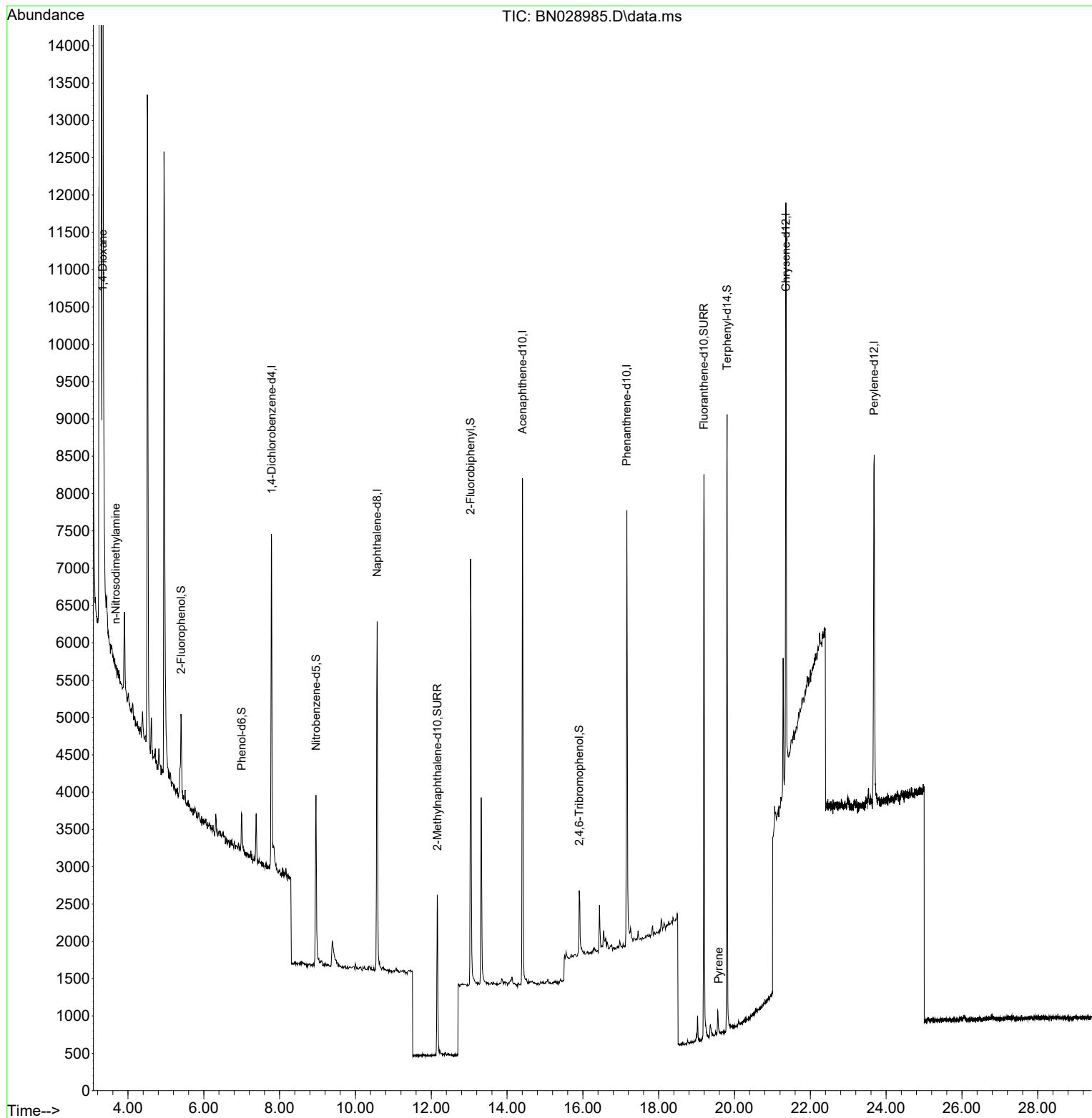
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.789	152	2228	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	6464	0.400	ng	#-0.01
13) Acenaphthene-d10	14.407	164	4044	0.400	ng	-0.01
19) Phenanthrene-d10	17.159	188	8558	0.400	ng	-0.01
29) Chrysene-d12	21.356	240	7147	0.400	ng	#-0.02
35) Perylene-d12	23.681	264	6675	0.400	ng	#-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.406	112	738	0.109	ng	0.00
5) Phenol-d6	7.002	99	481	0.064	ng	0.00
8) Nitrobenzene-d5	8.961	82	2180	0.339	ng	-0.01
11) 2-Methylnaphthalene-d10	12.159	152	3114	0.300	ng	-0.01
14) 2,4,6-Tribromophenol	15.905	330	639	0.234	ng	-0.01
15) 2-Fluorobiphenyl	13.038	172	5388	0.308	ng	-0.01
27) Fluoranthene-d10	19.195	212	8834	0.392	ng	-0.01
31) Terphenyl-d14	19.803	244	8423	0.408	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.333	88	13375	6.130	ng	94
3) n-Nitrosodimethylamine	3.680	42	49	0.106	ng	# 14
30) Pyrene	19.585	202	36	0.095	ng	# 38
34) Bis(2-ethylhexyl)phtha...	21.284	149	1764	Below Cal	#	88

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

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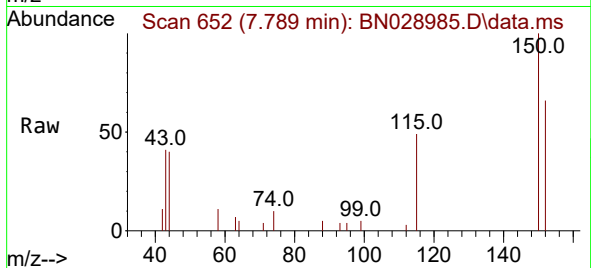
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN113023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 23:11:55 2023
Response via : Initial Calibration



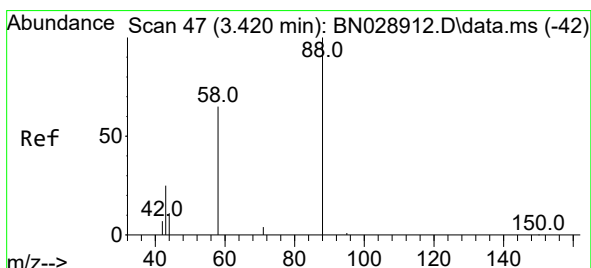
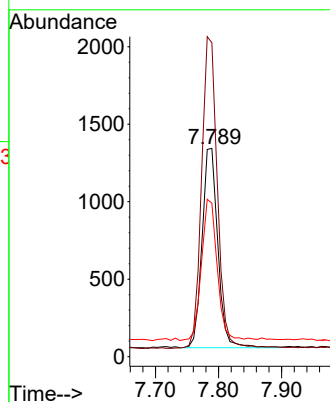
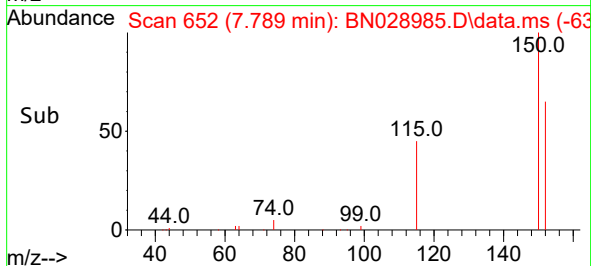


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.789 min Scan# 61
Delta R.T. -0.008 min
Lab File: BN028985.D
Acq: 02 Dec 2023 15:13

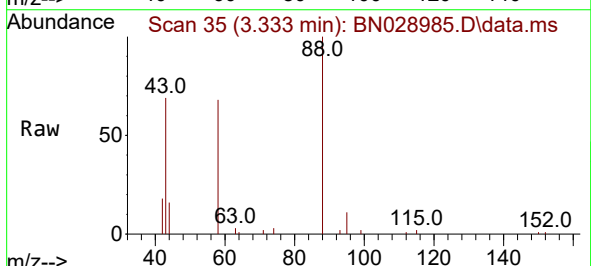
Instrument :
BNA_N
ClientSampleId :
RE134D3-20231109



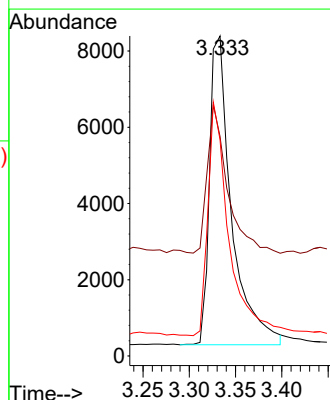
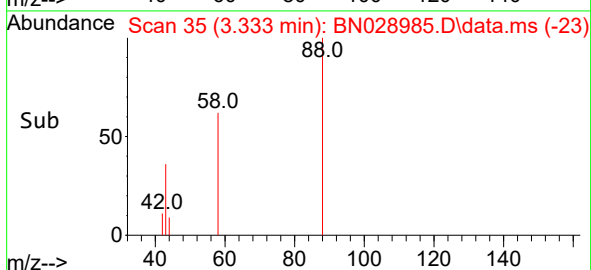
Tgt Ion:152 Resp: 2228
Ion Ratio Lower Upper
152 100
150 150.7 123.4 185.2
115 73.7 59.1 88.7



#2
1,4-Dioxane
Concen: 6.130 ng
RT: 3.333 min Scan# 35
Delta R.T. -0.015 min
Lab File: BN028985.D
Acq: 02 Dec 2023 15:13



Tgt Ion: 88 Resp: 13375
Ion Ratio Lower Upper
88 100
43 44.0 29.9 44.9
58 71.6 55.0 82.4

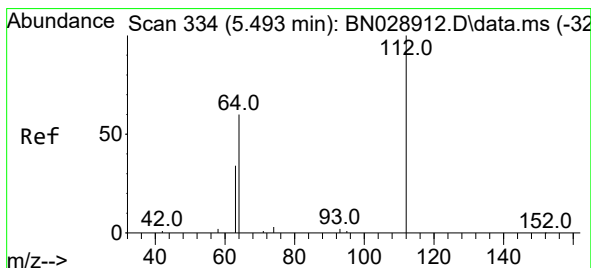
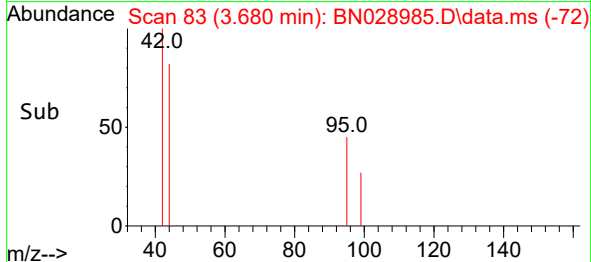
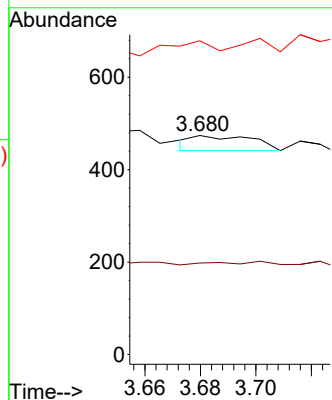
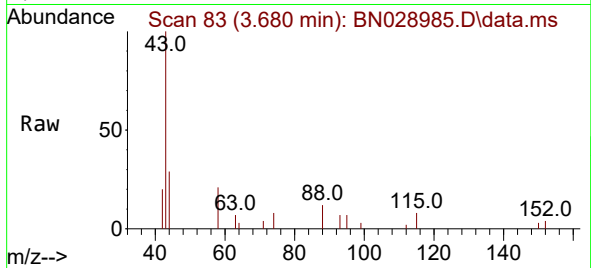




#3
 n-Nitrosodimethylamine
 Concen: 0.106 ng
 RT: 3.680 min Scan# 81
 Delta R.T. -0.022 min
 Lab File: BN028985.D
 Acq: 02 Dec 2023 15:13

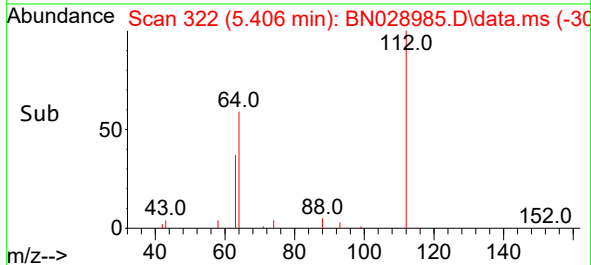
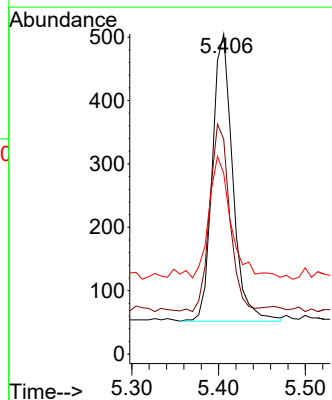
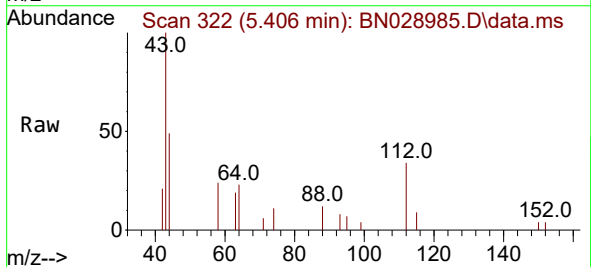
Instrument :
 BNA_N
 ClientSampleId :
 RE134D3-20231109

Tgt Ion: 42 Resp: 49
 Ion Ratio Lower Upper
 42 100
 74 0.0 57.0 85.6#
 44 77.6 0.0 0.0#



#4
 2-Fluorophenol
 Concen: 0.109 ng
 RT: 5.406 min Scan# 322
 Delta R.T. -0.007 min
 Lab File: BN028985.D
 Acq: 02 Dec 2023 15:13

Tgt Ion: 112 Resp: 738
 Ion Ratio Lower Upper
 112 100
 64 63.8 51.5 77.3
 63 47.6 30.4 45.6#

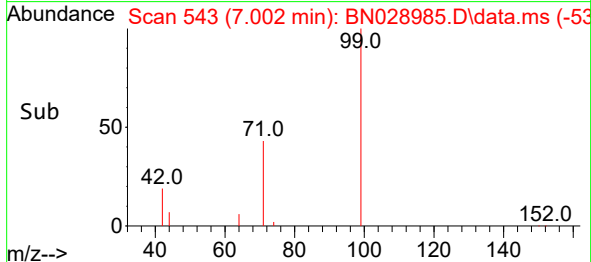
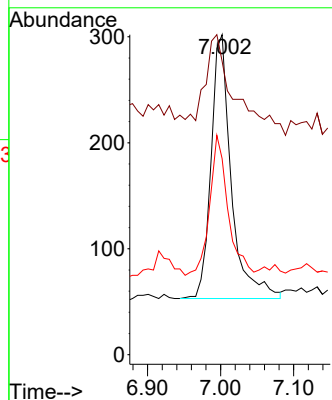
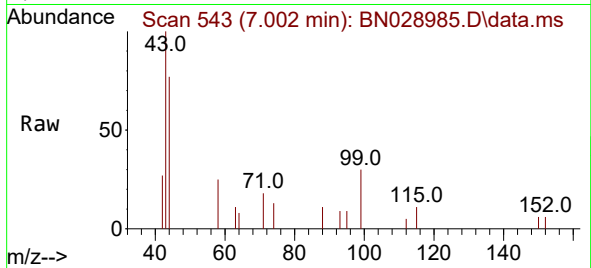




#5
Phenol-d6
Concen: 0.064 ng
RT: 7.002 min Scan# 54
Delta R.T. -0.007 min
Lab File: BN028985.D
Acq: 02 Dec 2023 15:13

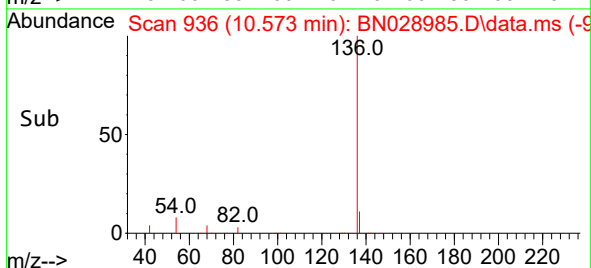
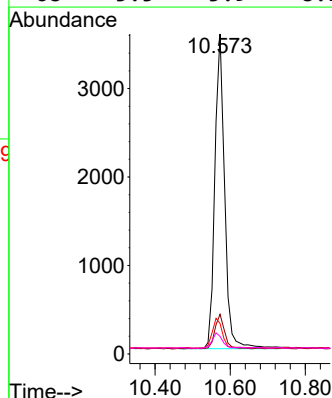
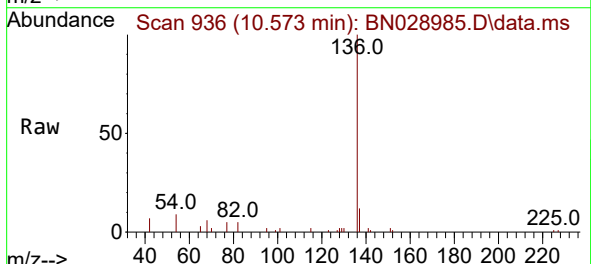
Instrument :
BNA_N
ClientSampleId :
RE134D3-20231109

Tgt Ion: 99 Resp: 481
Ion Ratio Lower Upper
99 100
42 58.0 21.2 31.8#
71 47.8 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: BN028985.D
Acq: 02 Dec 2023 15:13

Tgt Ion: 136 Resp: 6464
Ion Ratio Lower Upper
136 100
137 12.4 10.6 16.0
54 9.5 7.5 11.3
68 5.5 5.9 8.9#

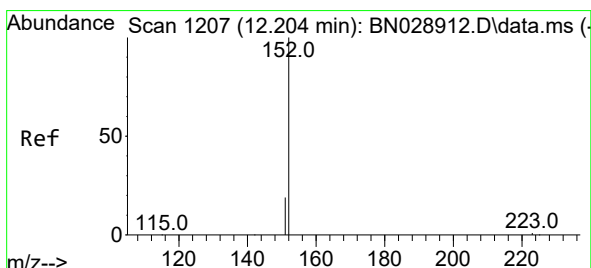
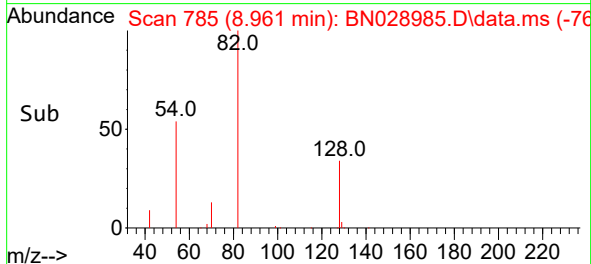
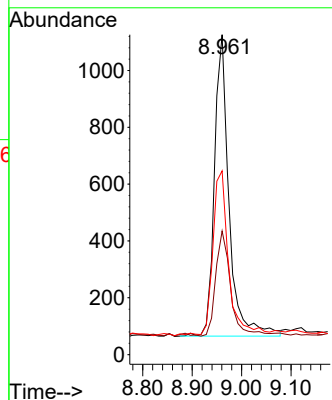
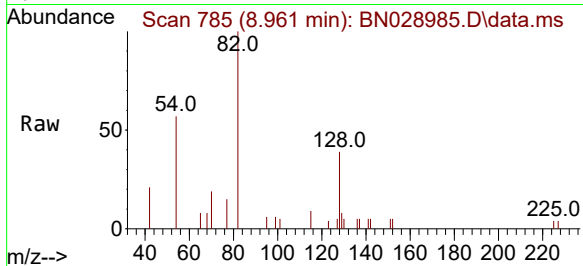




#8
Nitrobenzene-d5
Concen: 0.339 ng
RT: 8.961 min Scan# 71
Delta R.T. -0.011 min
Lab File: BN028985.D
Acq: 02 Dec 2023 15:13

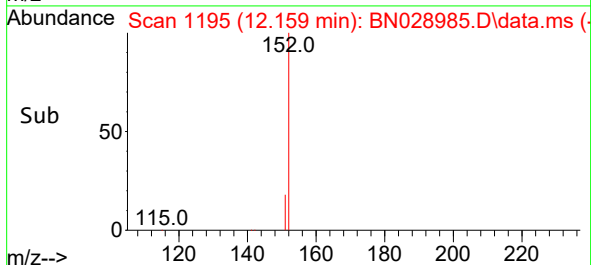
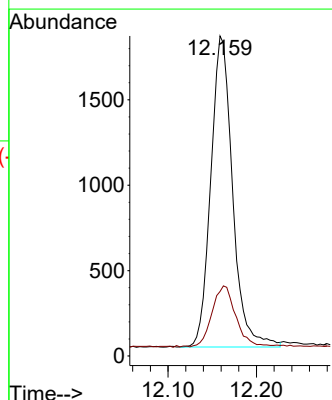
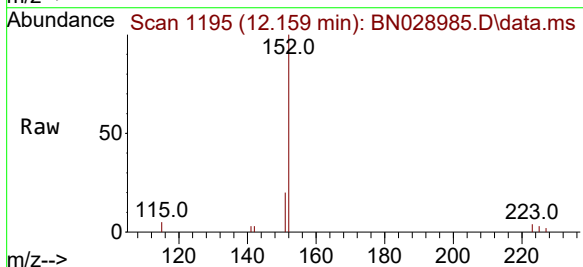
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ClientSampleId :
RE134D3-20231109

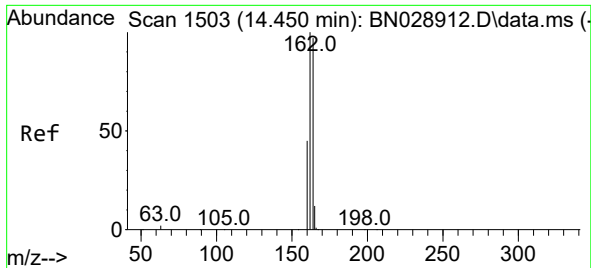
Tgt Ion: 82 Resp: 2180
Ion Ratio Lower Upper
82 100
128 38.6 29.2 43.8
54 57.5 47.0 70.6



#11
2-Methylnaphthalene-d10
Concen: 0.300 ng
RT: 12.159 min Scan# 1195
Delta R.T. -0.012 min
Lab File: BN028985.D
Acq: 02 Dec 2023 15:13

Tgt Ion: 152 Resp: 3114
Ion Ratio Lower Upper
152 100
151 21.3 16.7 25.1

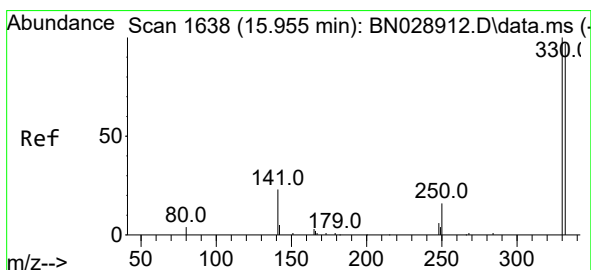
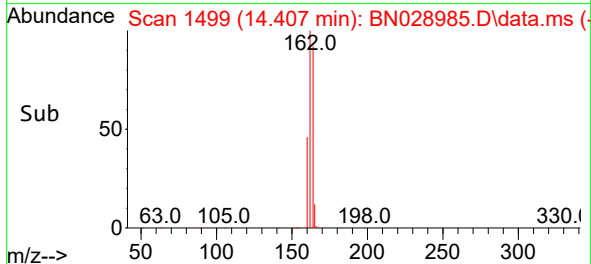
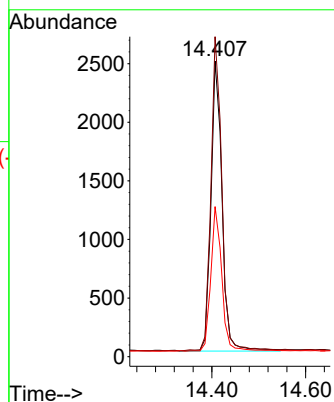
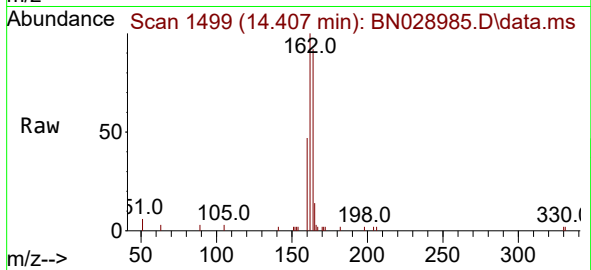




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.407 min Scan# 1499
Delta R.T. -0.011 min
Lab File: BN028985.D
Acq: 02 Dec 2023 15:13

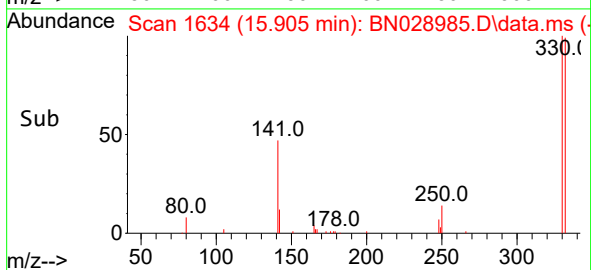
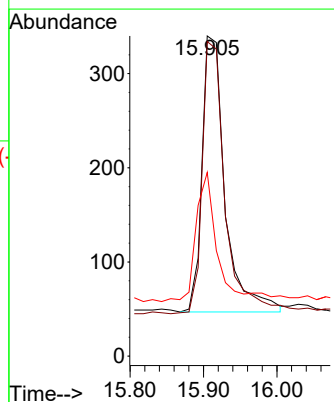
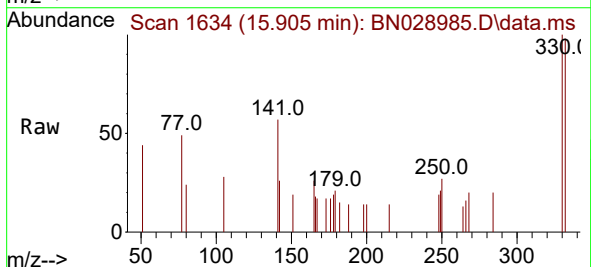
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RE134D3-20231109

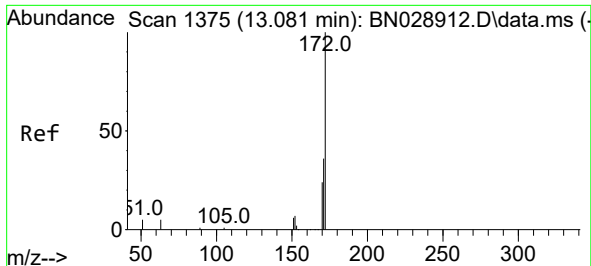
Tgt Ion:164 Resp: 4044
Ion Ratio Lower Upper
164 100
162 108.2 81.7 122.5
160 50.7 37.0 55.6



#14
2,4,6-Tribromophenol
Concen: 0.234 ng
RT: 15.905 min Scan# 1634
Delta R.T. -0.013 min
Lab File: BN028985.D
Acq: 02 Dec 2023 15:13

Tgt Ion:330 Resp: 639
Ion Ratio Lower Upper
330 100
332 96.9 75.4 113.2
141 43.2 35.7 53.5

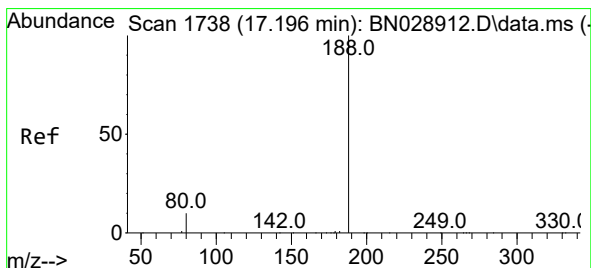
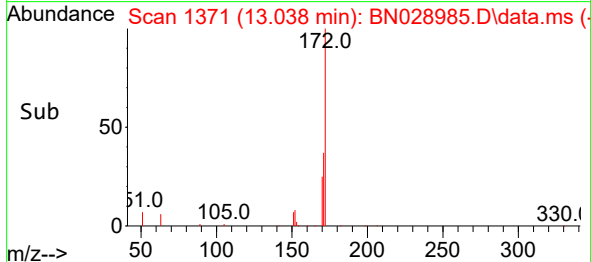
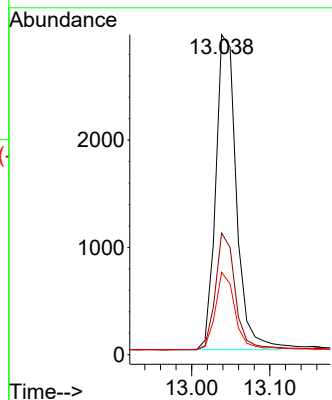
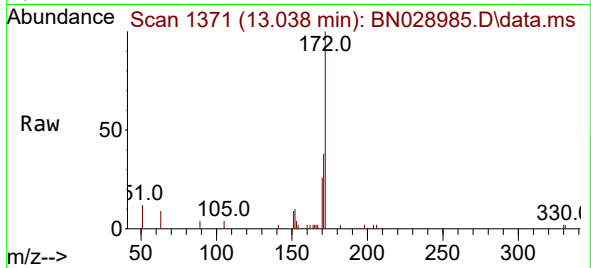




#15
2-Fluorobiphenyl
Concen: 0.308 ng
RT: 13.038 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN028985.D
Acq: 02 Dec 2023 15:13

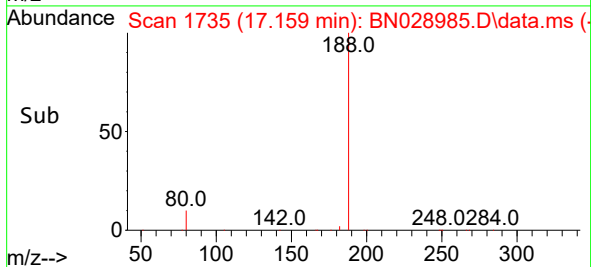
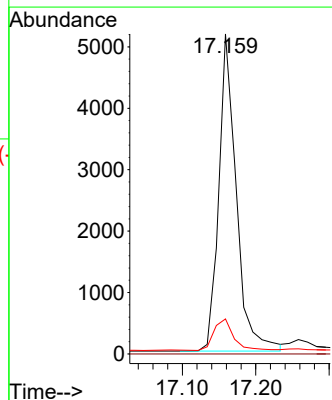
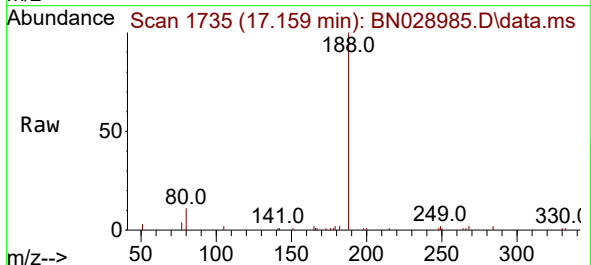
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ClientSampleId :
RE134D3-20231109

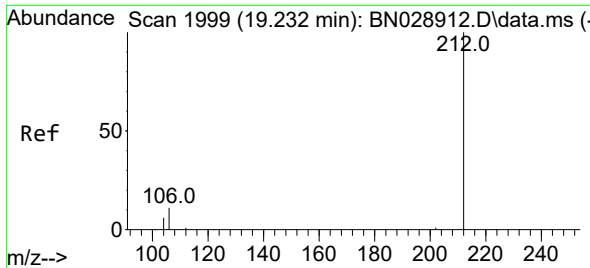
Tgt Ion:172 Resp: 5388
Ion Ratio Lower Upper
172 100
171 38.0 29.0 43.4
170 25.7 19.7 29.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.159 min Scan# 1735
Delta R.T. -0.013 min
Lab File: BN028985.D
Acq: 02 Dec 2023 15:13

Tgt Ion:188 Resp: 8558
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.9 9.0 13.6

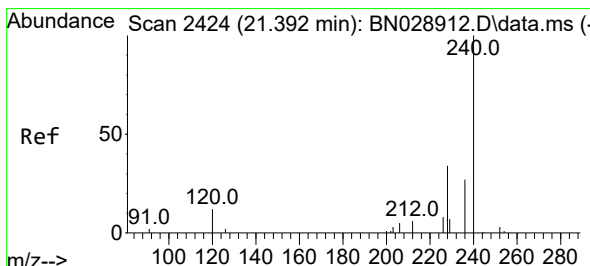
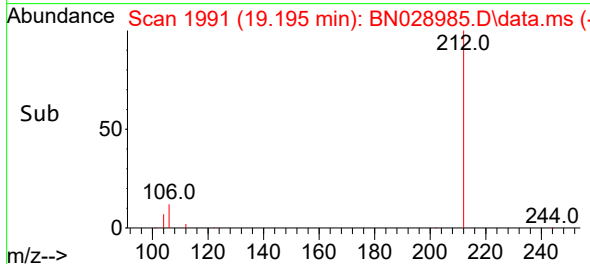
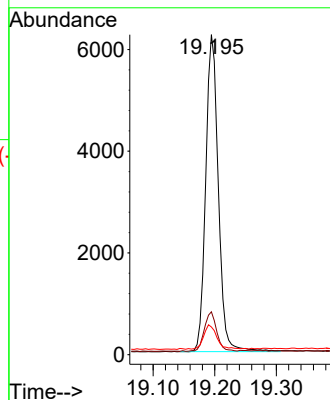
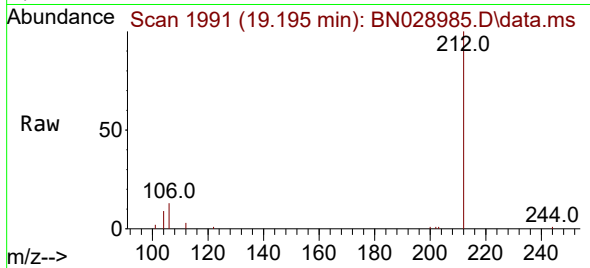




#27
Fluoranthene-d10
Concen: 0.392 ng
RT: 19.195 min Scan# 1991
Delta R.T. -0.014 min
Lab File: BN028985.D
Acq: 02 Dec 2023 15:13

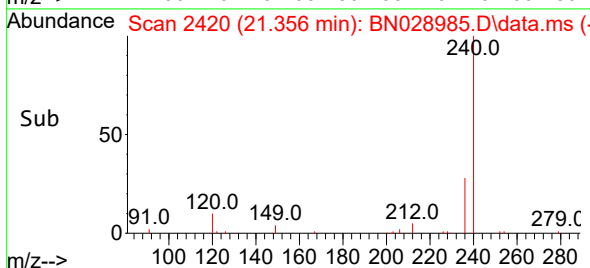
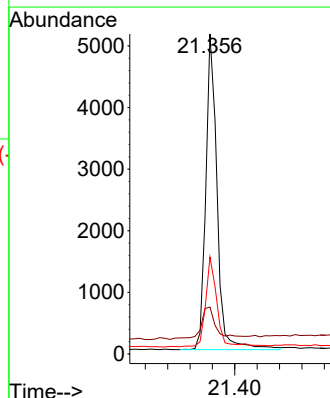
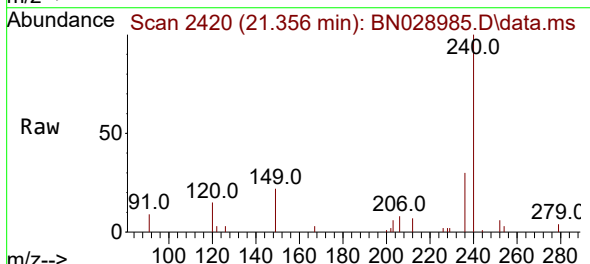
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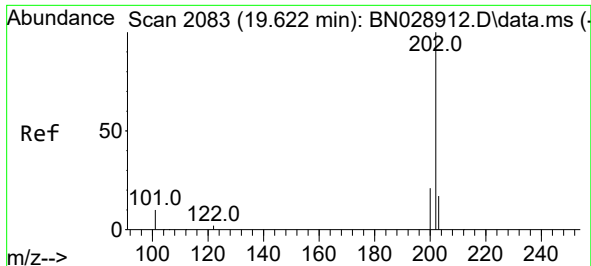
Tgt Ion:212 Resp: 8834
Ion Ratio Lower Upper
212 100
106 12.2 9.4 14.2
104 8.1 6.2 9.2



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.356 min Scan# 2420
Delta R.T. -0.018 min
Lab File: BN028985.D
Acq: 02 Dec 2023 15:13

Tgt Ion:240 Resp: 7147
Ion Ratio Lower Upper
240 100
120 14.7 37.1 55.7#
236 30.3 32.4 48.6#

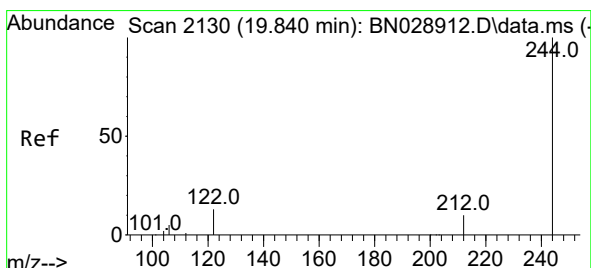
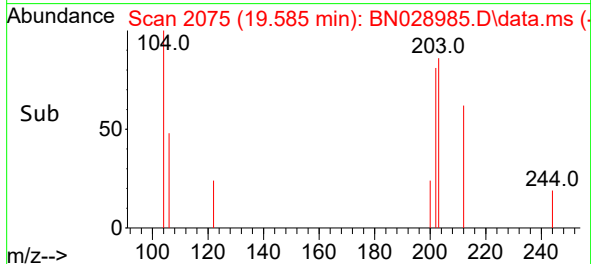
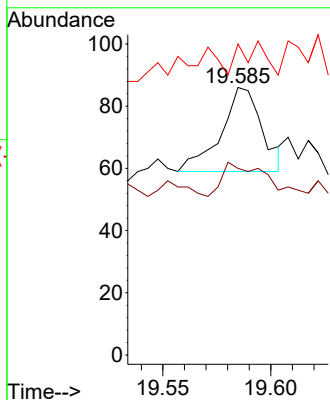
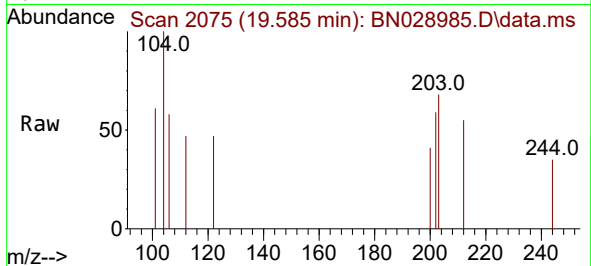




#30
Pyrene
Concen: 0.095 ng
RT: 19.585 min Scan# 2083
Delta R.T. -0.019 min
Lab File: BN028985.D
Acq: 02 Dec 2023 15:13

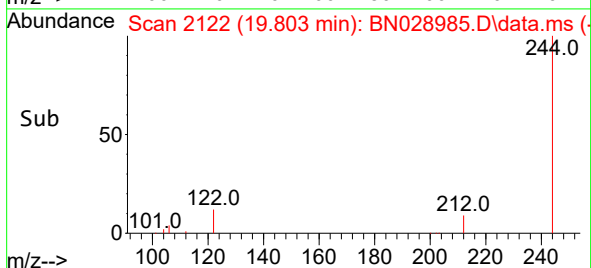
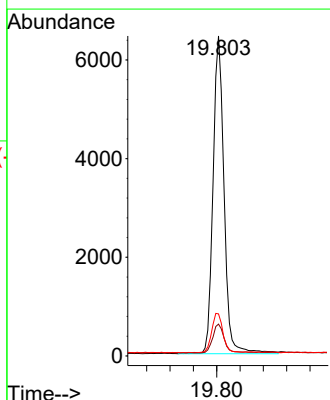
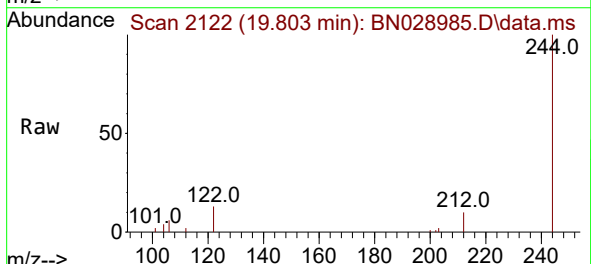
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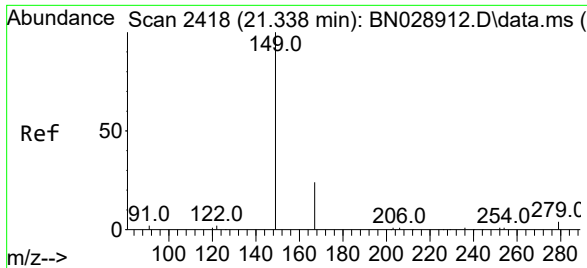
Tgt Ion:202 Resp: 36
Ion Ratio Lower Upper
202 100
200 41.7 16.9 25.3#
203 55.6 14.8 22.2#



#31
Terphenyl-d14
Concen: 0.408 ng
RT: 19.803 min Scan# 2122
Delta R.T. -0.014 min
Lab File: BN028985.D
Acq: 02 Dec 2023 15:13

Tgt Ion:244 Resp: 8423
Ion Ratio Lower Upper
244 100
212 9.9 11.5 17.3#
122 13.2 13.2 19.8#

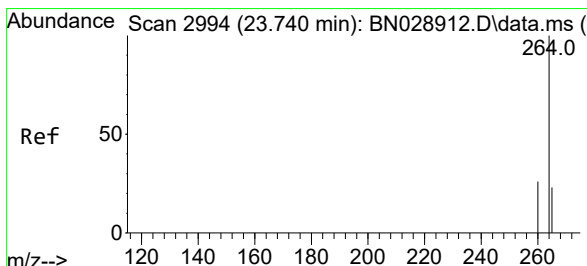
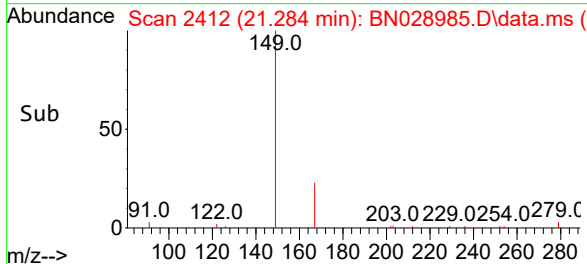
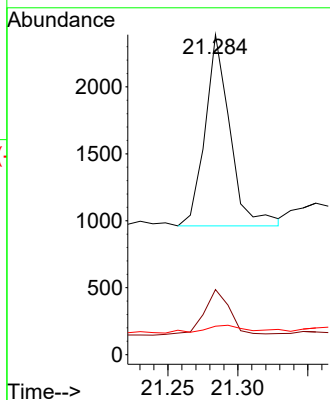
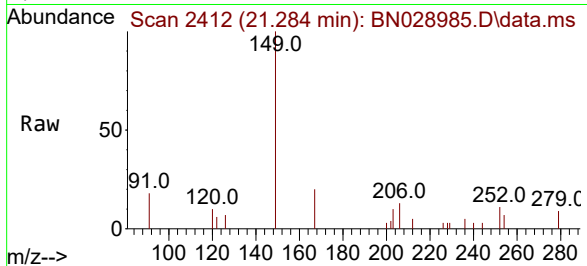




#34
 Bis(2-ethylhexyl)phthalate
 Concen: Below Cal
 RT: 21.284 min Scan# 2412
 Delta R.T. -0.018 min
 Lab File: BN028985.D
 Acq: 02 Dec 2023 15:13

Instrument :
 BNA_N
 ClientSampleId :
 RE134D3-20231109

Tgt Ion:149 Resp: 1764
 Ion Ratio Lower Upper
 149 100
 167 25.7 14.9 22.3#
 279 7.2 6.3 9.5



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.681 min Scan# 2974
 Delta R.T. -0.027 min
 Lab File: BN028985.D
 Acq: 02 Dec 2023 15:13

Tgt Ion:264 Resp: 6675
 Ion Ratio Lower Upper
 264 100
 260 26.5 20.6 30.8
 265 78.3 464.5 696.7#

