

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081723\
 Data File : BN026934.D
 Acq On : 17 Aug 2023 10:04
 Operator : MA/JU
 Sample : 04024-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE122D2-20230815

Quant Time: Aug 18 03:10:52 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 16 15:56:02 2023
 Response via : Initial Calibration

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

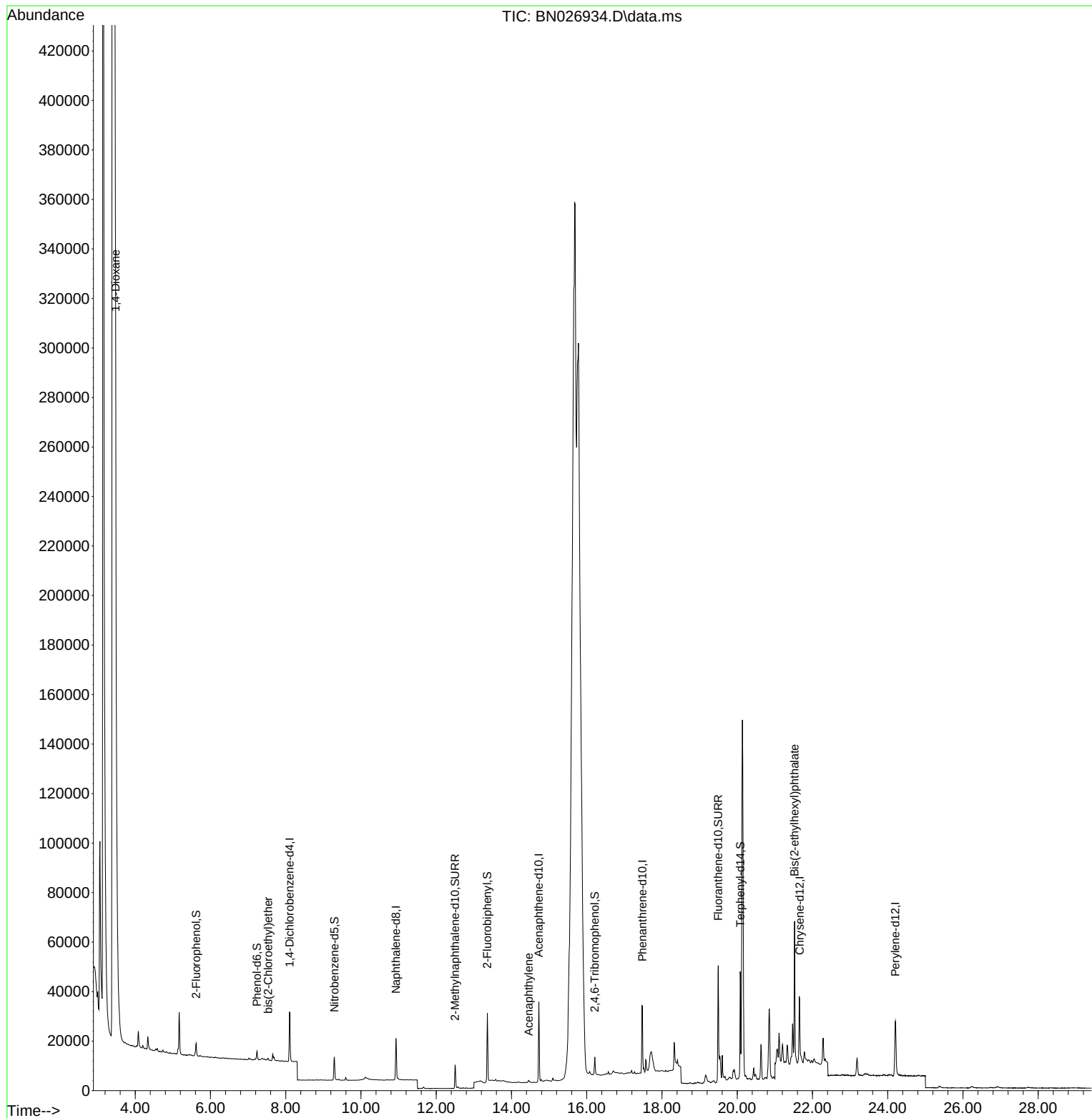
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.102	152	9781	0.400	ng	0.00
7) Naphthalene-d8	10.928	136	23155	0.400	ng	#-0.01
13) Acenaphthene-d10	14.726	164	18567	0.400	ng	0.00
19) Phenanthrene-d10	17.480	188	44210	0.400	ng	0.00
29) Chrysene-d12	21.659	240	30623	0.400	ng	0.00
35) Perylene-d12	24.203	264	30974	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.618	112	4566	0.166	ng	0.00
5) Phenol-d6	7.236	99	3305	0.097	ng	0.00
8) Nitrobenzene-d5	9.294	82	8097	0.414	ng	0.00
11) 2-Methylnaphthalene-d10	12.502	152	14106	0.383	ng	0.00
14) 2,4,6-Tribromophenol	16.214	330	4139	0.419	ng	0.00
15) 2-Fluorobiphenyl	13.358	172	24361	0.353	ng	0.00
27) Fluoranthene-d10	19.495	212	49517	0.437	ng	0.00
31) Terphenyl-d14	20.081	244	40105	0.627	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.480	88	45981	4.371	ng	# 84
6) bis(2-Chloroethyl)ether	7.532	93	664	0.023	ng	94
16) Acenaphthylene	14.459	152	1992	0.022	ng	# 95
34) Bis(2-ethylhexyl)phtha...	21.524	149	56739	0.713	ng	# 97

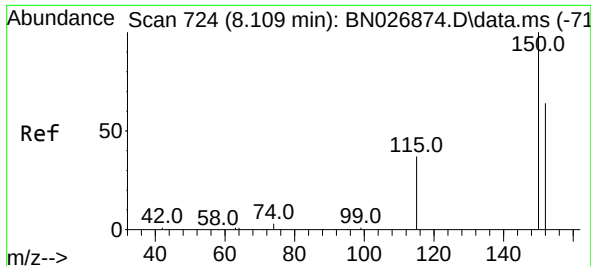
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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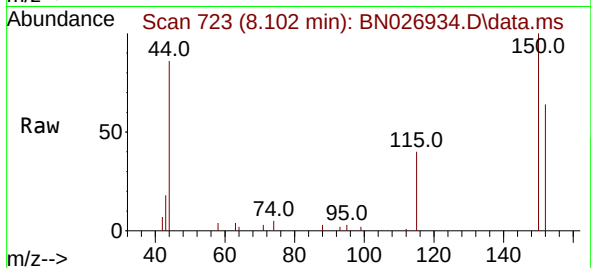
Quant Time: Aug 18 03:10:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 16 15:56:02 2023
Response via : Initial Calibration



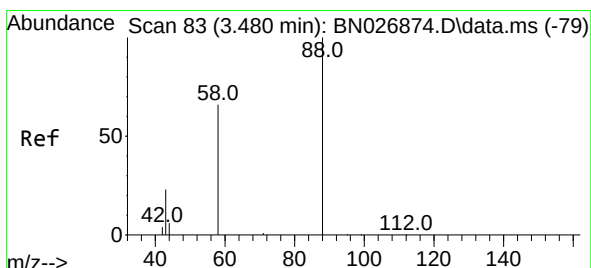
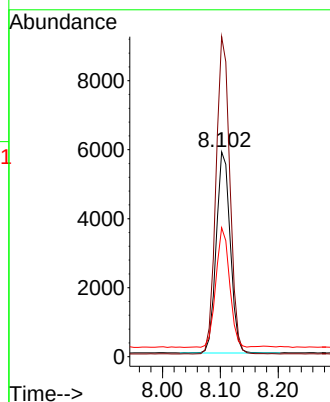
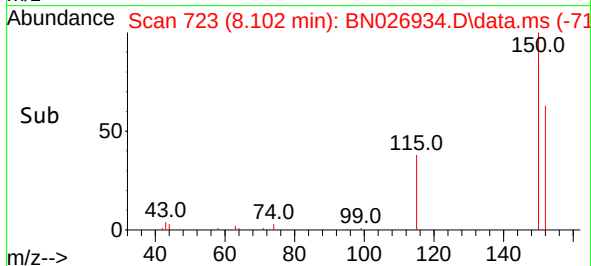


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.102 min Scan# 71
 Delta R.T. -0.007 min
 Lab File: BN026934.D
 Acq: 17 Aug 2023 10:04

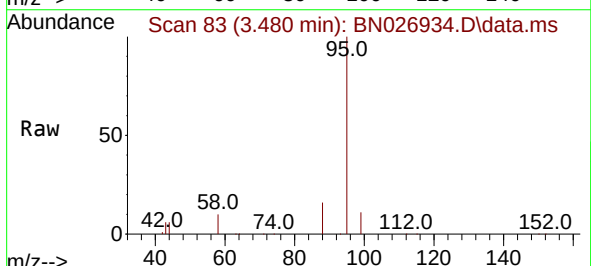
Instrument :
 BNA_N
 ClientSampleId :
 RE122D2-20230815



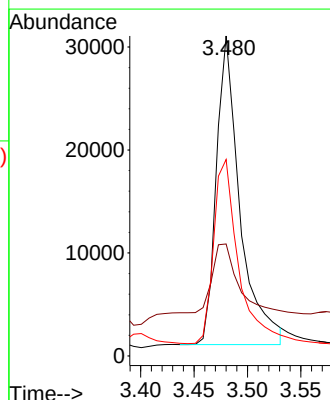
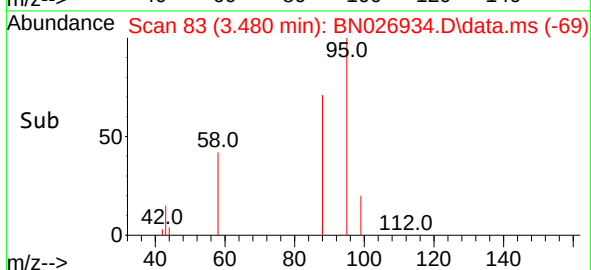
Tgt Ion:152 Resp: 9781
 Ion Ratio Lower Upper
 152 100
 150 156.2 123.8 185.6
 115 63.0 49.7 74.5

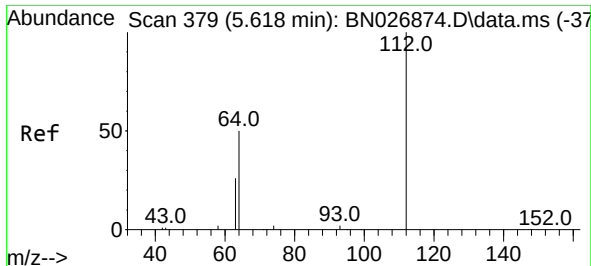


#2
 1,4-Dioxane
 Concen: 4.371 ng
 RT: 3.480 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: BN026934.D
 Acq: 17 Aug 2023 10:04



Tgt Ion: 88 Resp: 45981
 Ion Ratio Lower Upper
 88 100
 43 43.8 19.2 28.8#
 58 62.5 54.5 81.7

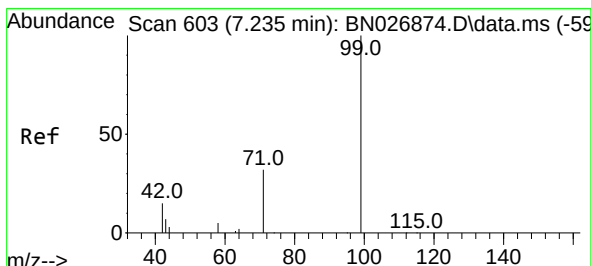
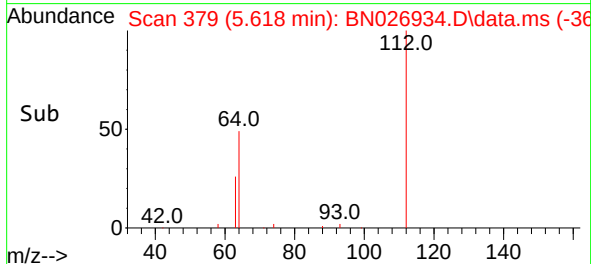
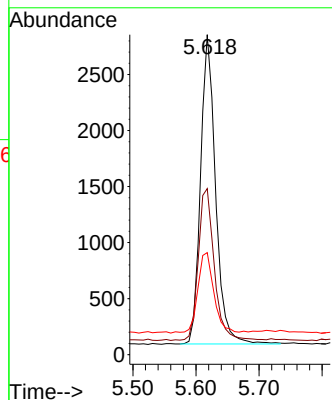
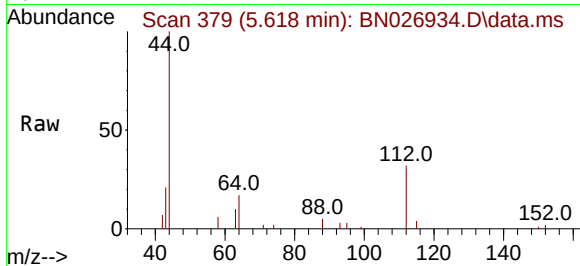




#4
2-Fluorophenol
Concen: 0.166 ng
RT: 5.618 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN026934.D
Acq: 17 Aug 2023 10:04

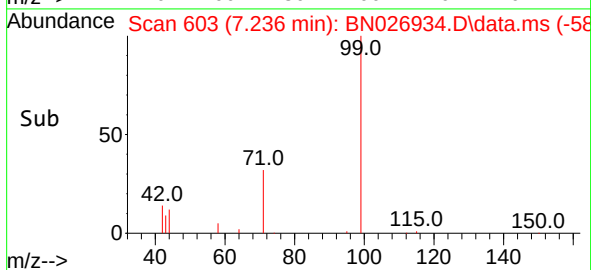
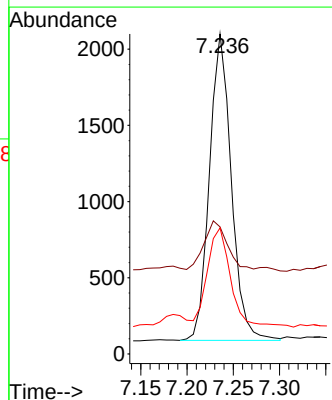
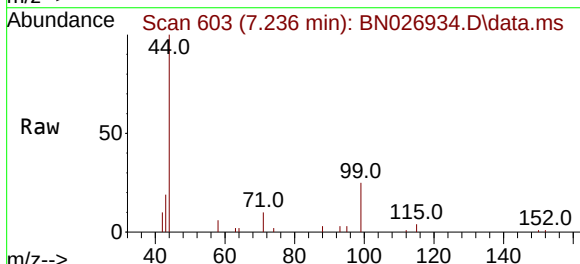
Instrument :
BNA_N
ClientSampleId :
RE122D2-20230815

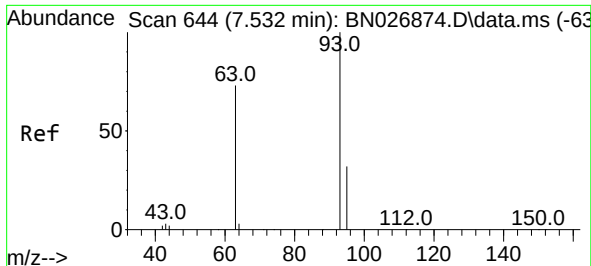
Tgt Ion:112 Resp: 4566
Ion Ratio Lower Upper
112 100
64 52.2 41.5 62.3
63 27.8 21.7 32.5



#5
Phenol-d6
Concen: 0.097 ng
RT: 7.236 min Scan# 603
Delta R.T. 0.000 min
Lab File: BN026934.D
Acq: 17 Aug 2023 10:04

Tgt Ion: 99 Resp: 3305
Ion Ratio Lower Upper
99 100
42 16.4 13.6 20.4
71 34.5 26.0 39.0

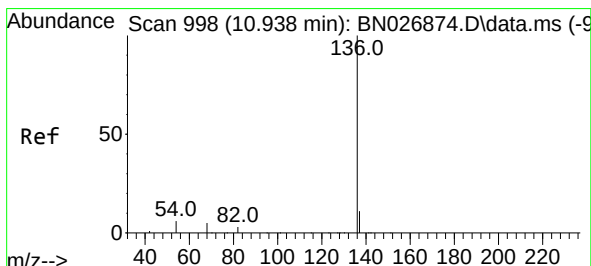
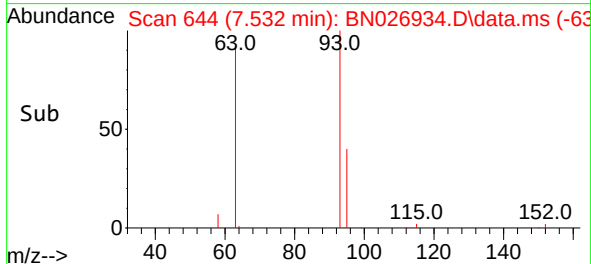
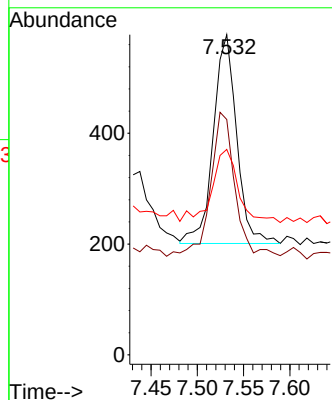
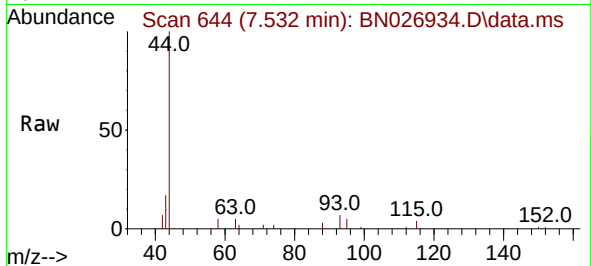




#6
bis(2-Chloroethyl)ether
Concen: 0.023 ng
RT: 7.532 min Scan# 644
Delta R.T. 0.000 min
Lab File: BN026934.D
Acq: 17 Aug 2023 10:04

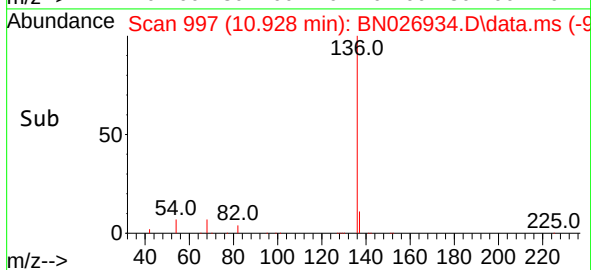
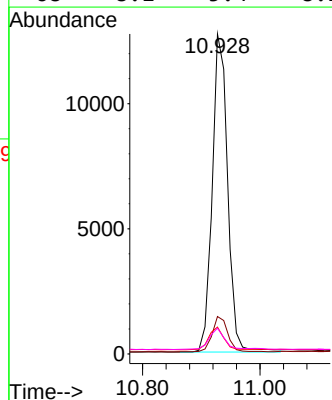
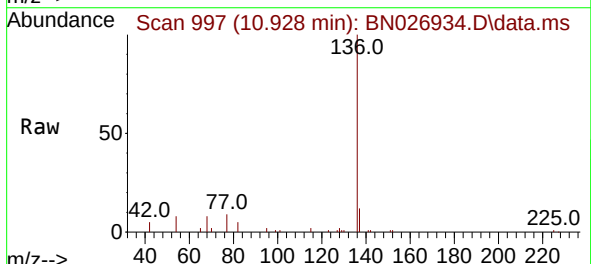
Instrument :
BNA_N
ClientSampleId :
RE122D2-20230815

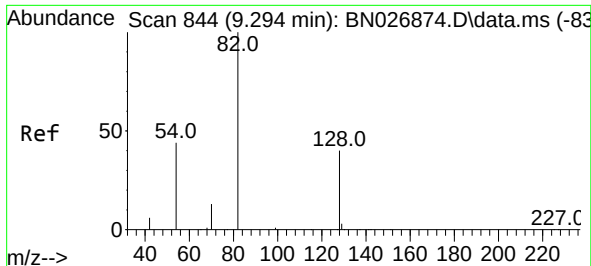
Tgt Ion: 93 Resp: 664
Ion Ratio Lower Upper
93 100
63 71.4 55.0 82.4
95 39.2 26.2 39.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.928 min Scan# 997
Delta R.T. -0.011 min
Lab File: BN026934.D
Acq: 17 Aug 2023 10:04

Tgt Ion:136 Resp: 23155
Ion Ratio Lower Upper
136 100
137 11.7 9.0 13.6
54 8.4 5.5 8.3#
68 8.1 5.4 8.2

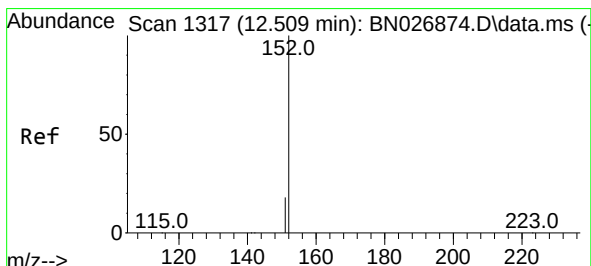
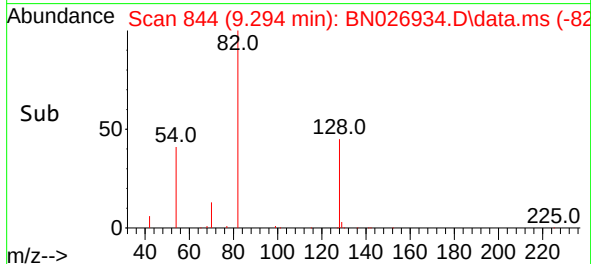
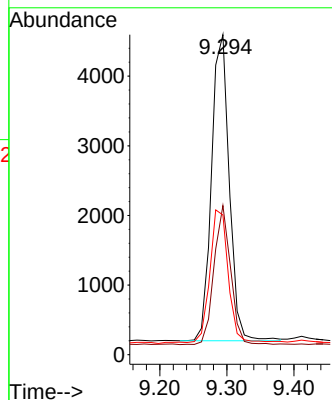
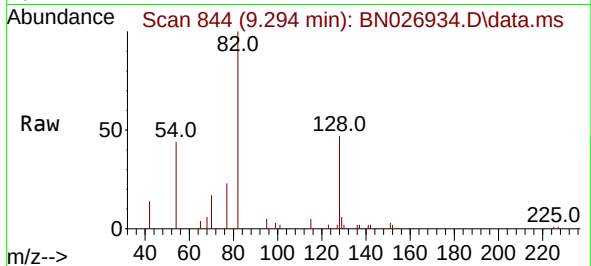




#8
 Nitrobenzene-d5
 Concen: 0.414 ng
 RT: 9.294 min Scan# 844
 Delta R.T. 0.000 min
 Lab File: BN026934.D
 Acq: 17 Aug 2023 10:04

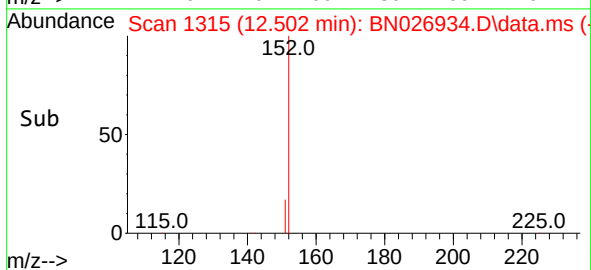
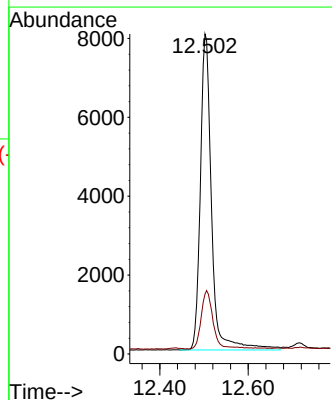
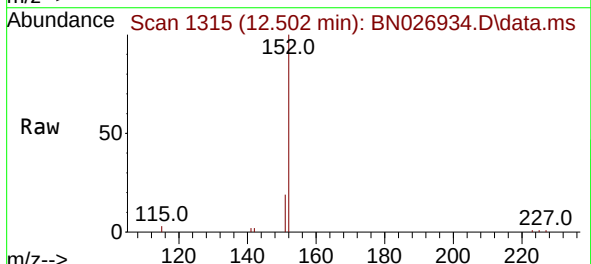
Instrument :
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 ClientSampleId :
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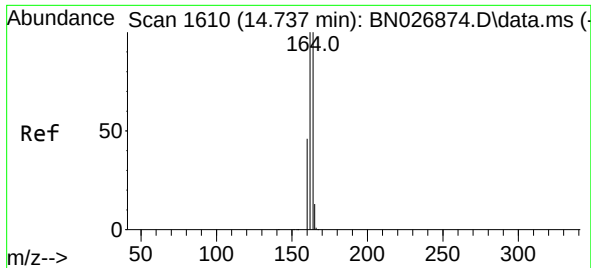
Tgt Ion: 82 Resp: 8097
 Ion Ratio Lower Upper
 82 100
 128 46.6 34.1 51.1
 54 43.6 37.0 55.4



#11
 2-Methylnaphthalene-d10
 Concen: 0.383 ng
 RT: 12.502 min Scan# 1315
 Delta R.T. -0.004 min
 Lab File: BN026934.D
 Acq: 17 Aug 2023 10:04

Tgt Ion: 152 Resp: 14106
 Ion Ratio Lower Upper
 152 100
 151 19.8 16.3 24.5

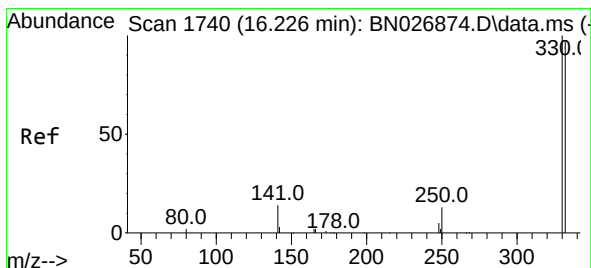
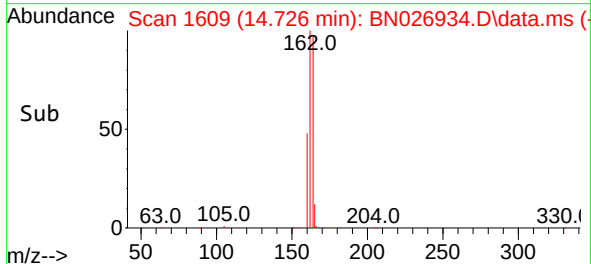
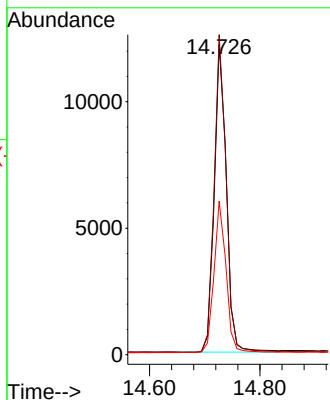
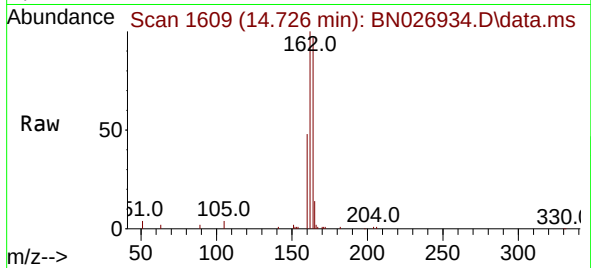




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.726 min Scan# 1609
Delta R.T. 0.000 min
Lab File: BN026934.D
Acq: 17 Aug 2023 10:04

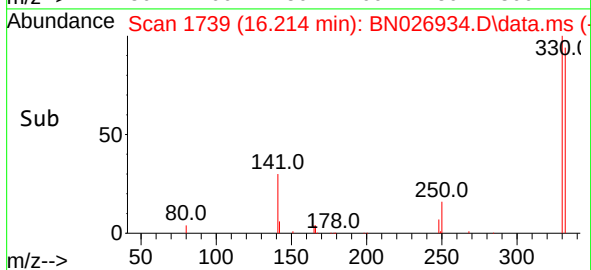
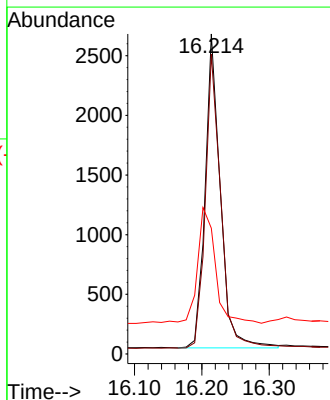
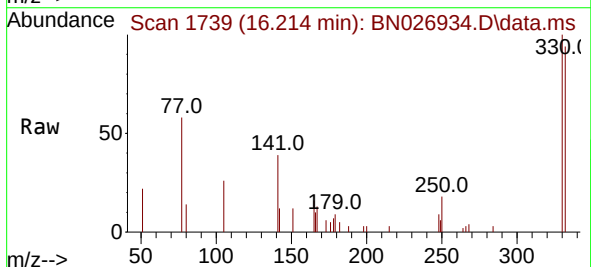
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RE122D2-20230815

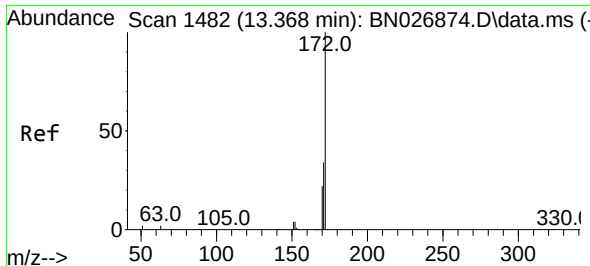
Tgt Ion:164 Resp: 18567
Ion Ratio Lower Upper
164 100
162 103.2 79.7 119.5
160 49.5 37.4 56.0



#14
2,4,6-Tribromophenol
Concen: 0.419 ng
RT: 16.214 min Scan# 1739
Delta R.T. 0.000 min
Lab File: BN026934.D
Acq: 17 Aug 2023 10:04

Tgt Ion:330 Resp: 4139
Ion Ratio Lower Upper
330 100
332 94.9 76.6 114.8
141 42.7 32.3 48.5

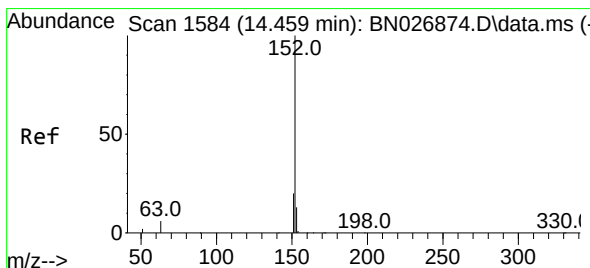
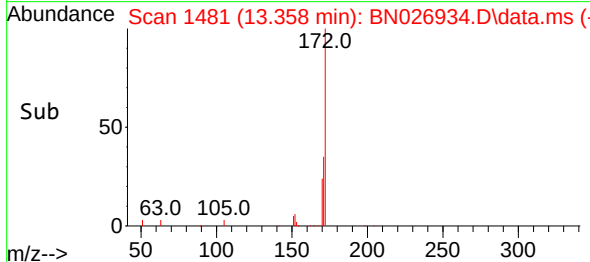
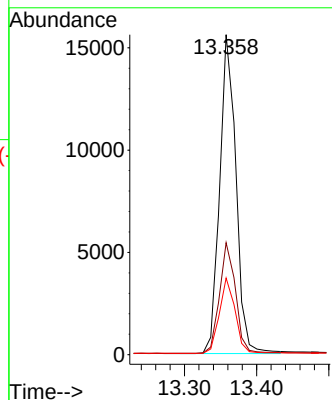
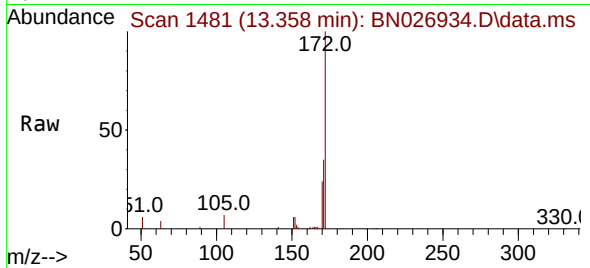




#15
2-Fluorobiphenyl
Concen: 0.353 ng
RT: 13.358 min Scan# 1481
Delta R.T. 0.000 min
Lab File: BN026934.D
Acq: 17 Aug 2023 10:04

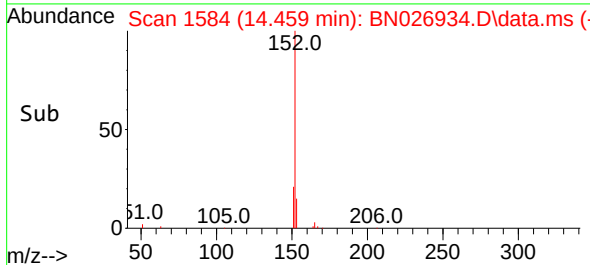
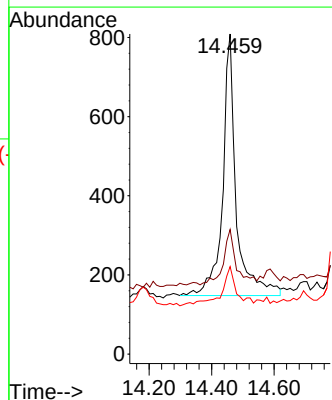
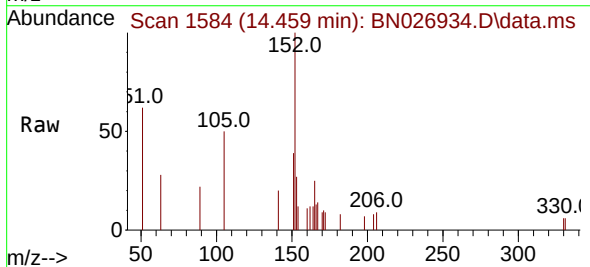
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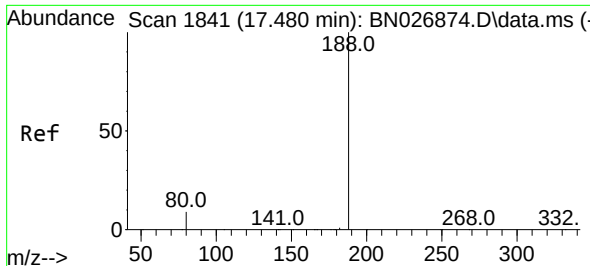
Tgt Ion:	172	Resp:	24361
Ion Ratio	Lower	Upper	
172	100		
171	35.0	27.4	41.0
170	23.9	18.0	27.0



#16
Acenaphthylene
Concen: 0.022 ng
RT: 14.459 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BN026934.D
Acq: 17 Aug 2023 10:04

Tgt Ion:	152	Resp:	1992
Ion Ratio	Lower	Upper	
152	100		
151	20.4	15.5	23.3
153	17.2	10.5	15.7#

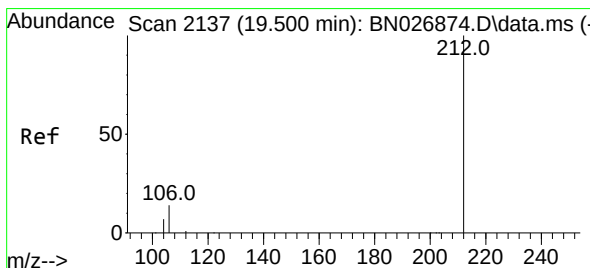
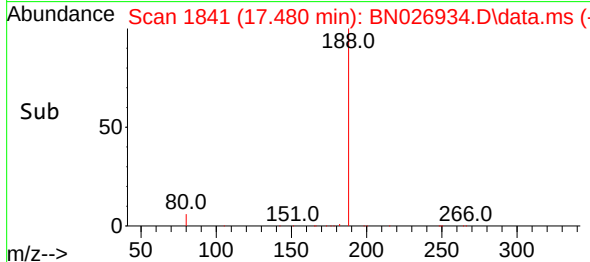
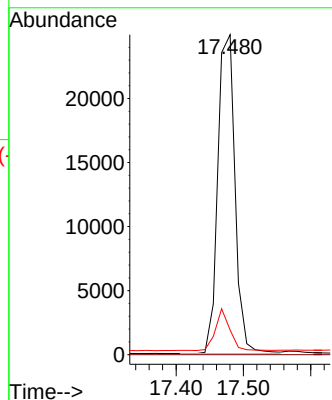
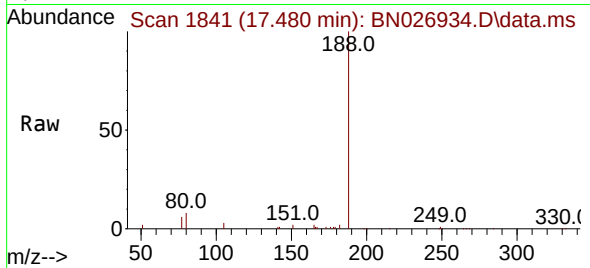




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.480 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN026934.D
Acq: 17 Aug 2023 10:04

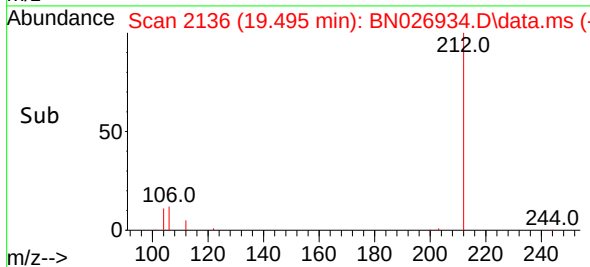
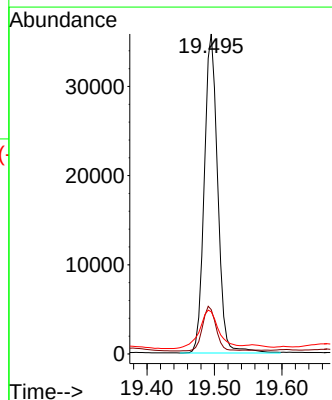
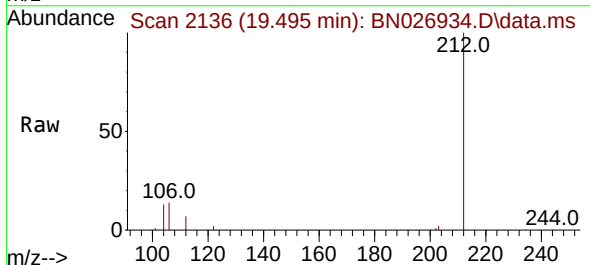
Instrument :
BNA_N
ClientSampleId :
RE122D2-20230815

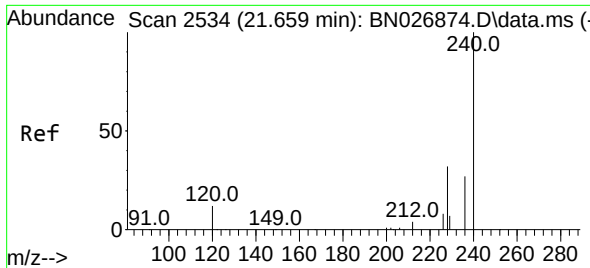
Tgt Ion:188 Resp: 44210
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.7 7.4 11.2



#27
Fluoranthene-d10
Concen: 0.437 ng
RT: 19.495 min Scan# 2136
Delta R.T. -0.004 min
Lab File: BN026934.D
Acq: 17 Aug 2023 10:04

Tgt Ion:212 Resp: 49517
Ion Ratio Lower Upper
212 100
106 14.1 10.9 16.3
104 17.6 5.9 8.9#

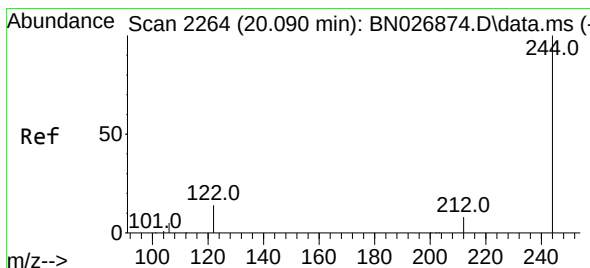
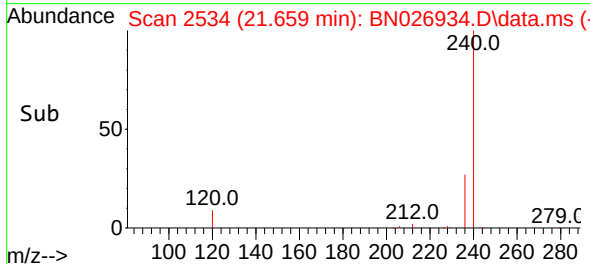
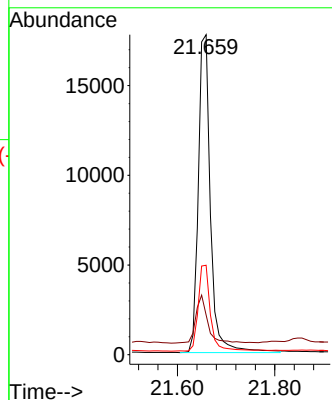
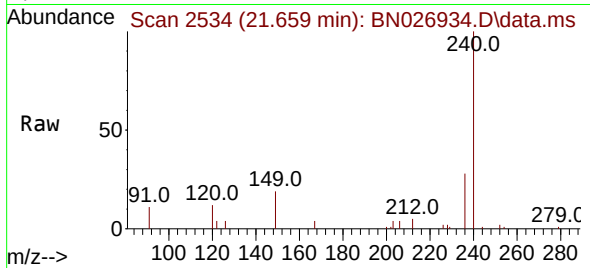




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.659 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN026934.D
Acq: 17 Aug 2023 10:04

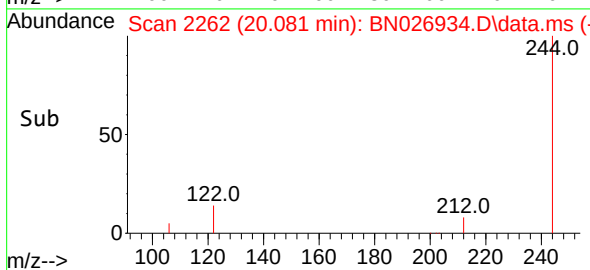
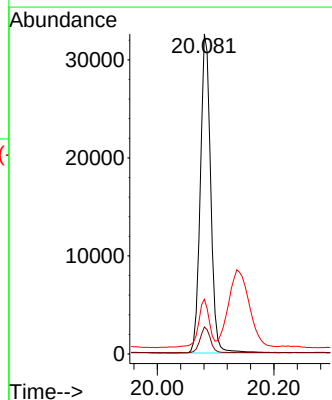
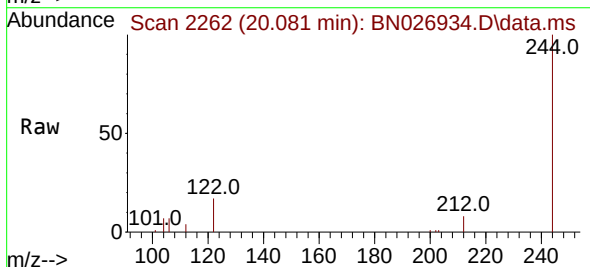
Instrument :
BNA_N
ClientSampleId :
RE122D2-20230815

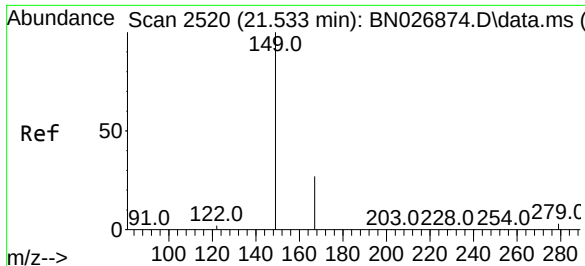
Tgt Ion:240 Resp: 30623
Ion Ratio Lower Upper
240 100
120 12.4 11.1 16.7
236 27.9 22.2 33.2



#31
Terphenyl-d14
Concen: 0.627 ng
RT: 20.081 min Scan# 2262
Delta R.T. -0.004 min
Lab File: BN026934.D
Acq: 17 Aug 2023 10:04

Tgt Ion:244 Resp: 40105
Ion Ratio Lower Upper
244 100
212 8.5 6.9 10.3
122 17.1 11.9 17.9

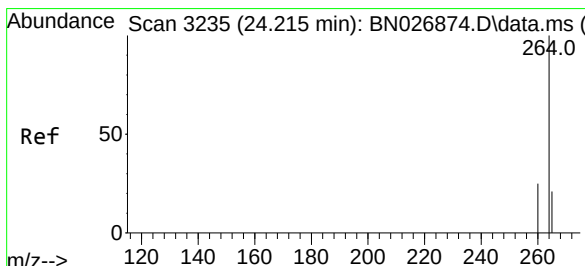
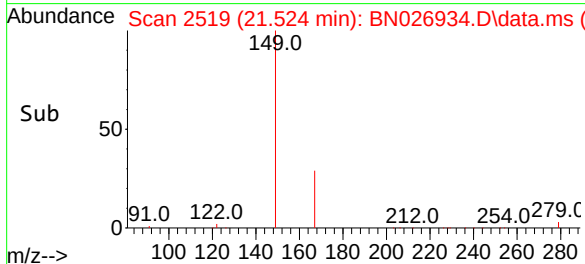
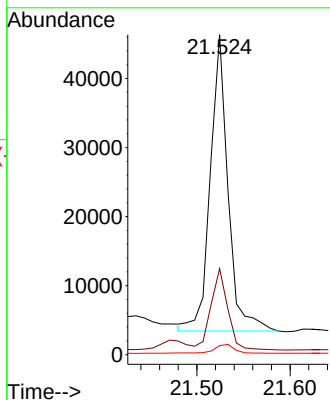
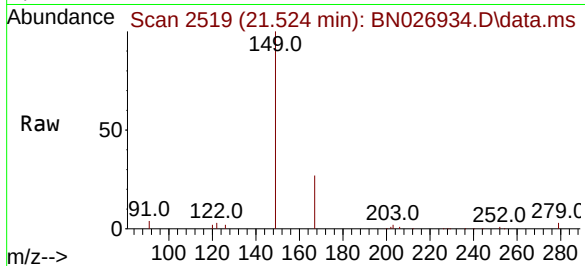




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.713 ng
 RT: 21.524 min Scan# 21519
 Delta R.T. 0.000 min
 Lab File: BN026934.D
 Acq: 17 Aug 2023 10:04

Instrument :
 BNA_N
 ClientSampleId :
 RE122D2-20230815

Tgt Ion:149 Resp: 56739
 Ion Ratio Lower Upper
 149 100
 167 25.5 21.4 32.0
 279 3.4 3.6 5.4#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.203 min Scan# 3231
 Delta R.T. 0.000 min
 Lab File: BN026934.D
 Acq: 17 Aug 2023 10:04

Tgt Ion:264 Resp: 30974
 Ion Ratio Lower Upper
 264 100
 260 25.5 20.4 30.6
 265 47.2 27.0 40.6#

