

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081723\
 Data File : BN026945.D
 Acq On : 17 Aug 2023 16:50
 Operator : MA/JU
 Sample : 04024-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE114D1-20230815

Quant Time: Aug 18 03:12:47 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)

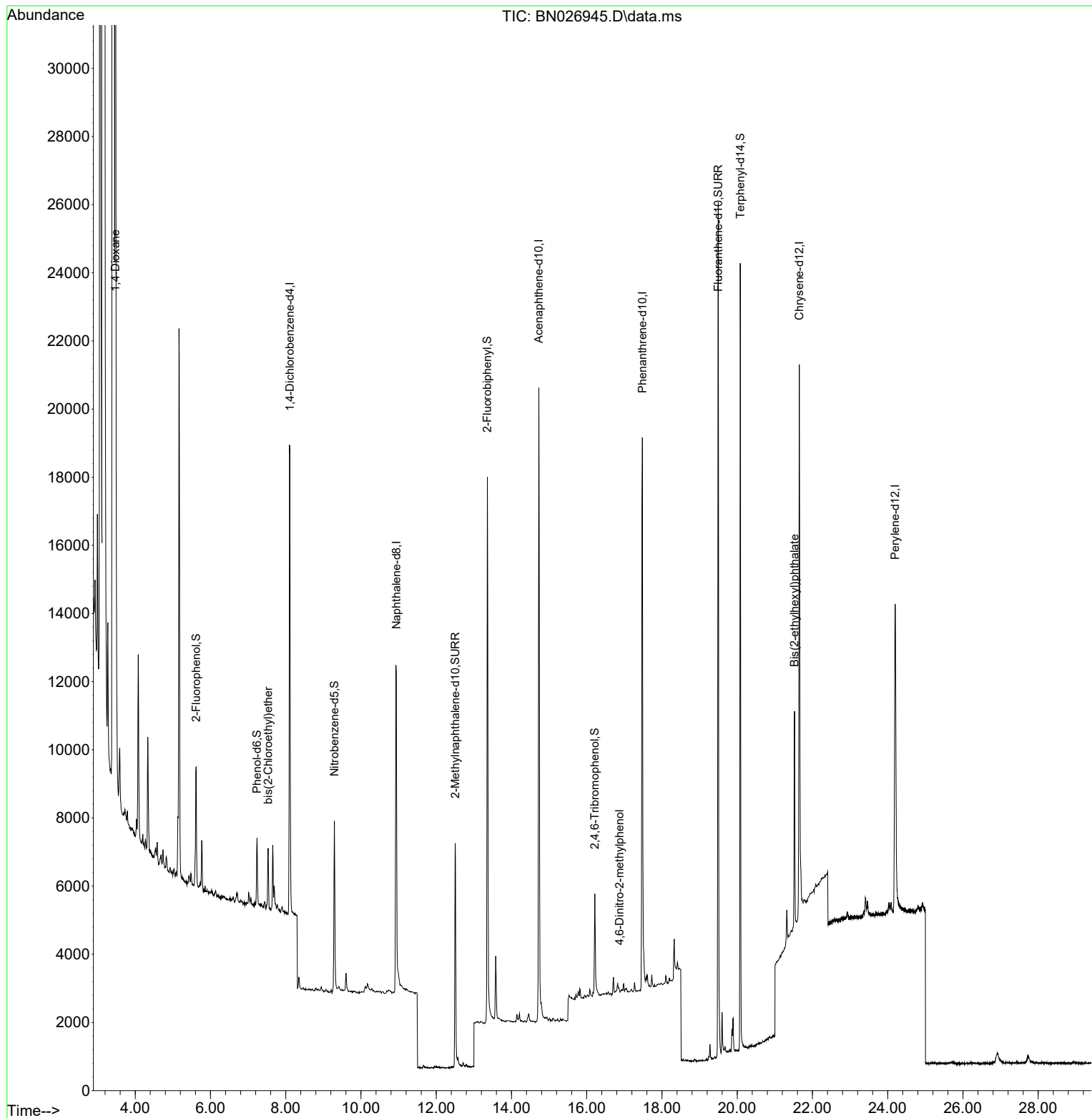
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.109	152	6766	0.400	ng	0.00
7) Naphthalene-d8	10.938	136	16674	0.400	ng	0.00
13) Acenaphthene-d10	14.726	164	11634	0.400	ng	0.00
19) Phenanthrene-d10	17.480	188	25954	0.400	ng	0.00
29) Chrysene-d12	21.650	240	17305	0.400	ng	0.00
35) Perylene-d12	24.197	264	16218	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.618	112	3086	0.162	ng	0.00
5) Phenol-d6	7.236	99	2124	0.090	ng	0.00
8) Nitrobenzene-d5	9.294	82	4337	0.308	ng	0.00
11) 2-Methylnaphthalene-d10	12.506	152	10073	0.380	ng	0.00
14) 2,4,6-Tribromophenol	16.214	330	1918	0.310	ng	0.00
15) 2-Fluorobiphenyl	13.358	172	15589	0.361	ng	0.00
27) Fluoranthene-d10	19.495	212	28825	0.433	ng	0.00
31) Terphenyl-d14	20.081	244	22961	0.635	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.473	88	32651	4.487	ng	Qvalue 96
6) bis(2-Chloroethyl)ether	7.532	93	1332	0.067	ng	99
20) 4,6-Dinitro-2-methylph...	16.872	198	14	0.034	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.524	149	6756	0.150	ng	99

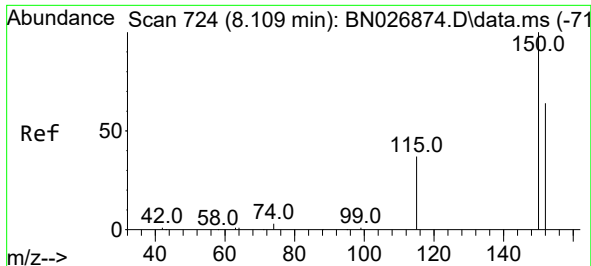
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 15 Sample Multiplier: 1

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RE114D1-20230815

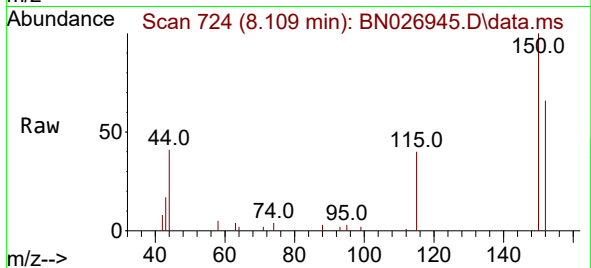
Quant Time: Aug 18 03:12:47 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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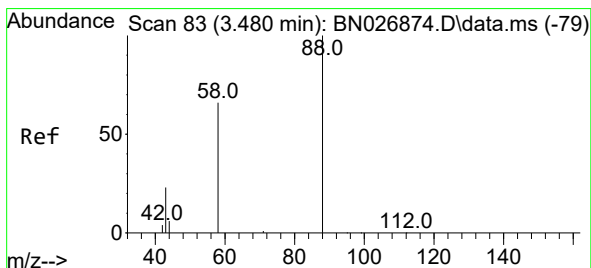
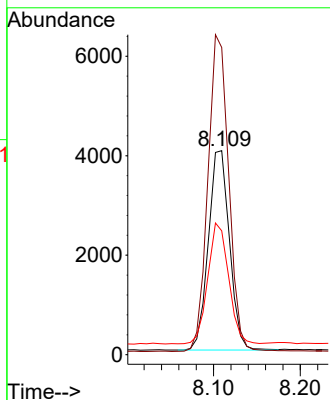
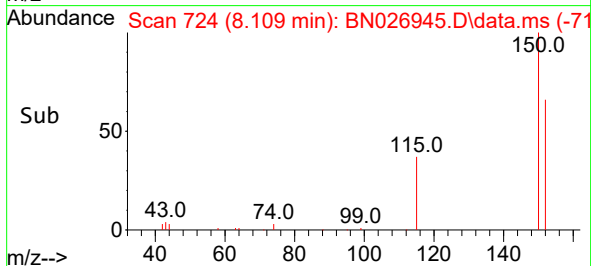


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.109 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BN026945.D
 Acq: 17 Aug 2023 16:50

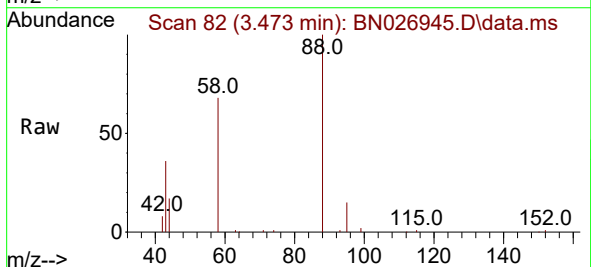
Instrument :
 BNA_N
 ClientSampleId :
 RE114D1-20230815



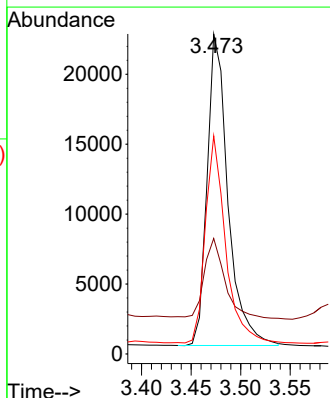
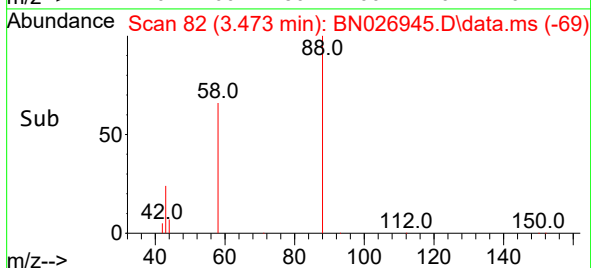
Tgt Ion:152 Resp: 6766
 Ion Ratio Lower Upper
 152 100
 150 150.6 123.8 185.6
 115 60.7 49.7 74.5

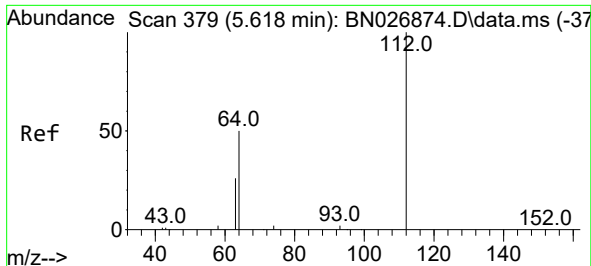


#2
 1,4-Dioxane
 Concen: 4.487 ng
 RT: 3.473 min Scan# 82
 Delta R.T. -0.007 min
 Lab File: BN026945.D
 Acq: 17 Aug 2023 16:50



Tgt Ion: 88 Resp: 32651
 Ion Ratio Lower Upper
 88 100
 43 25.2 19.2 28.8
 58 64.0 54.5 81.7

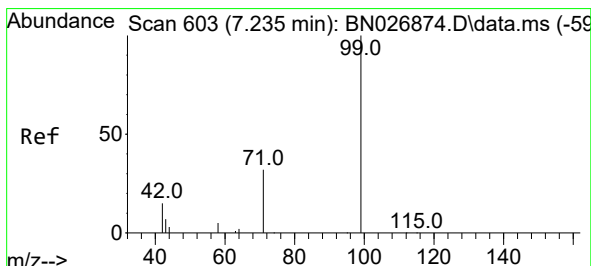
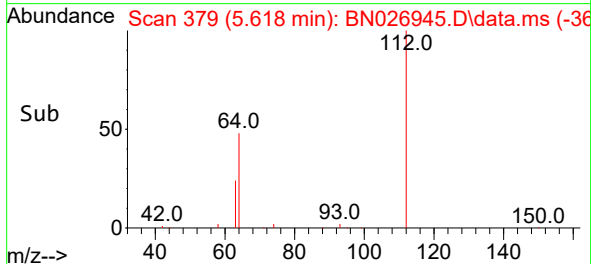
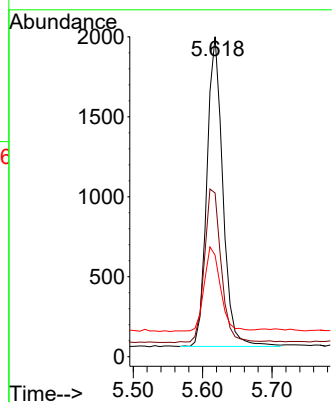
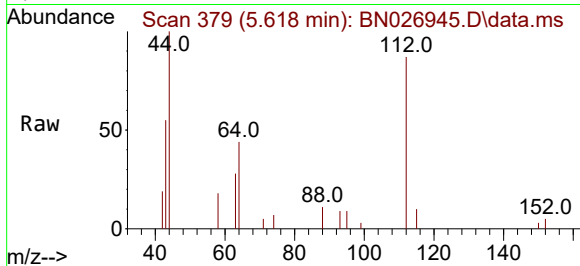




#4
2-Fluorophenol
Concen: 0.162 ng
RT: 5.618 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN026945.D
Acq: 17 Aug 2023 16:50

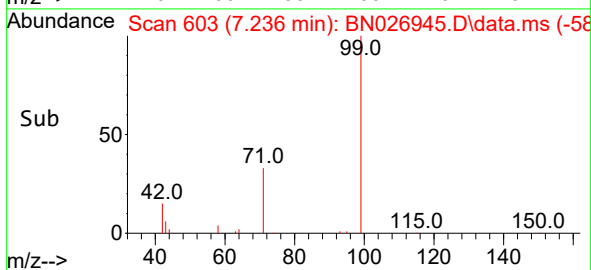
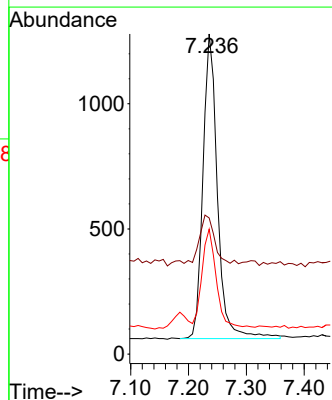
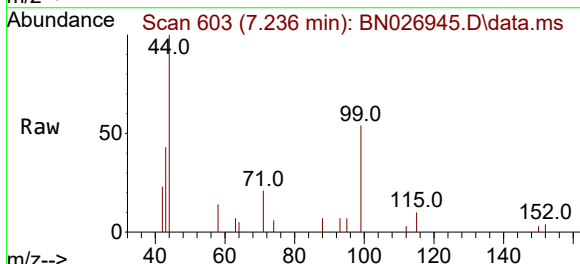
Instrument :
BNA_N
ClientSampleId :
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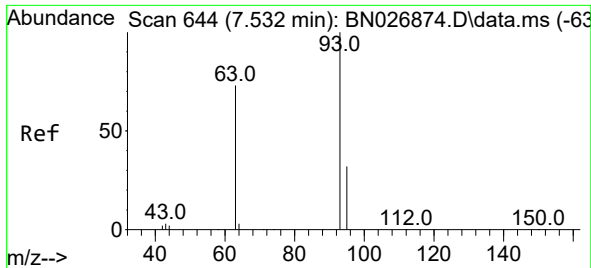
Tgt Ion:	112	Resp:	3086
Ion Ratio	Lower	Upper	
112	100		
64	51.8	41.5	62.3
63	28.2	21.7	32.5



#5
Phenol-d6
Concen: 0.090 ng
RT: 7.236 min Scan# 603
Delta R.T. 0.000 min
Lab File: BN026945.D
Acq: 17 Aug 2023 16:50

Tgt Ion:	99	Resp:	2124
Ion Ratio	Lower	Upper	
99	100		
42	17.8	13.6	20.4
71	31.6	26.0	39.0

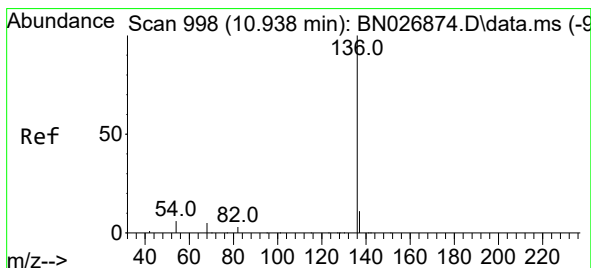
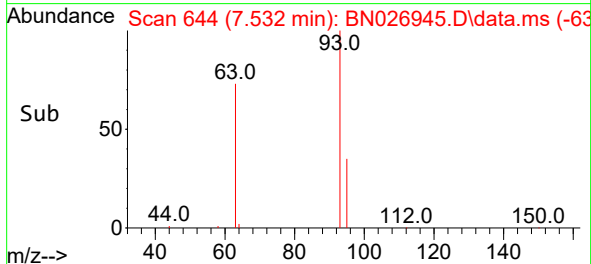
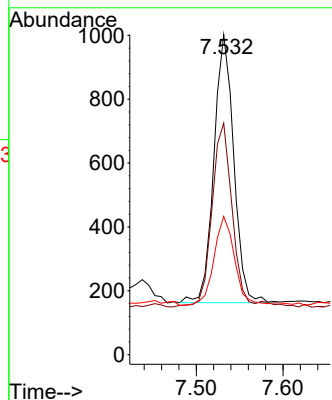
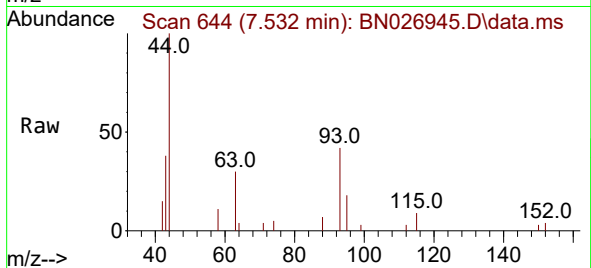




#6
bis(2-Chloroethyl)ether
Concen: 0.067 ng
RT: 7.532 min Scan# 644
Delta R.T. 0.000 min
Lab File: BN026945.D
Acq: 17 Aug 2023 16:50

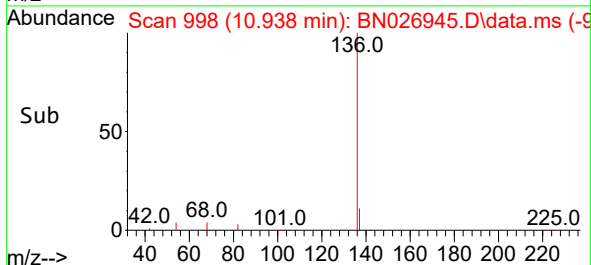
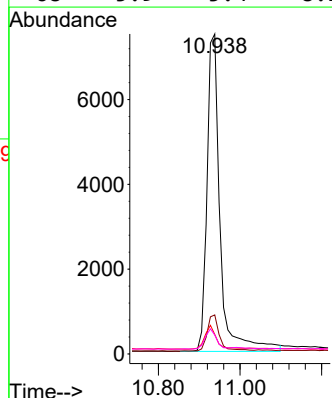
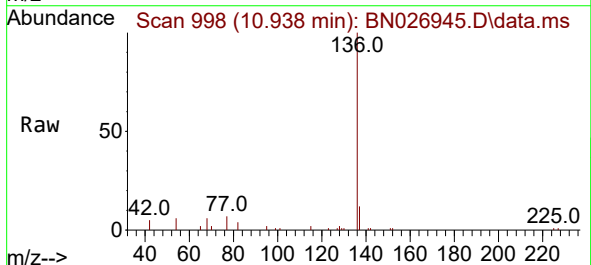
Instrument :
BNA_N
ClientSampleId :
RE114D1-20230815

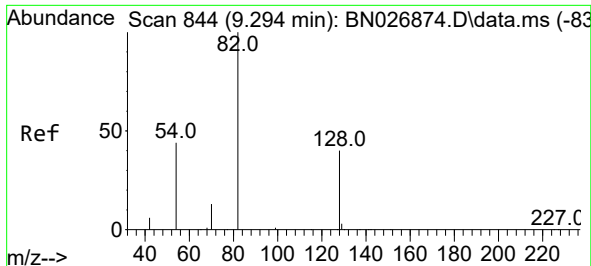
Tgt Ion: 93 Resp: 1332
Ion Ratio Lower Upper
93 100
63 68.8 55.0 82.4
95 34.2 26.2 39.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.938 min Scan# 998
Delta R.T. 0.000 min
Lab File: BN026945.D
Acq: 17 Aug 2023 16:50

Tgt Ion: 136 Resp: 16674
Ion Ratio Lower Upper
136 100
137 12.2 9.0 13.6
54 6.1 5.5 8.3
68 5.9 5.4 8.2

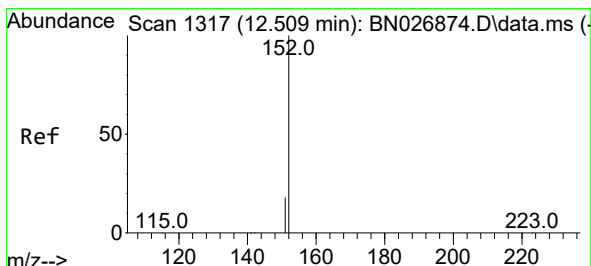
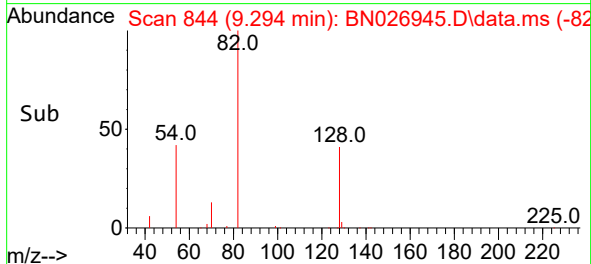
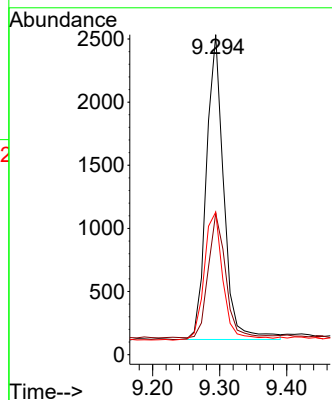
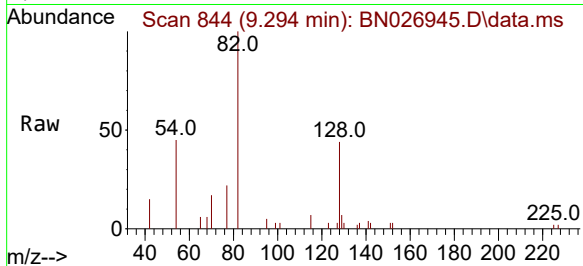




#8
Nitrobenzene-d5
Concen: 0.308 ng
RT: 9.294 min Scan# 844
Delta R.T. 0.000 min
Lab File: BN026945.D
Acq: 17 Aug 2023 16:50

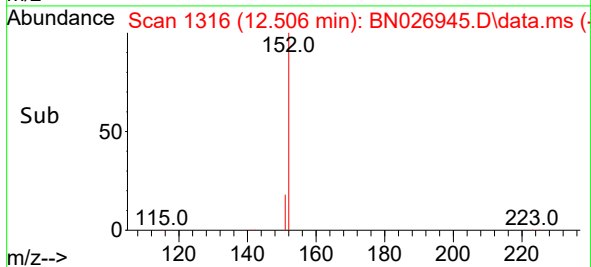
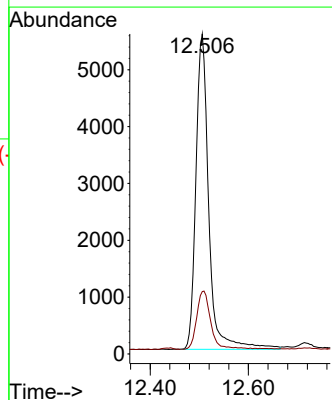
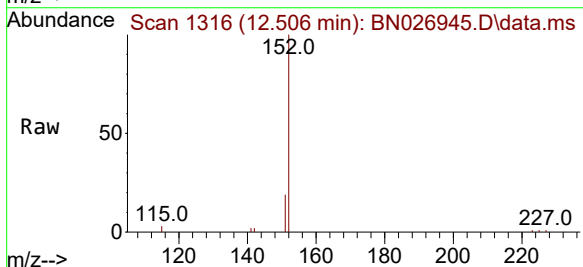
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ClientSampleId :
RE114D1-20230815

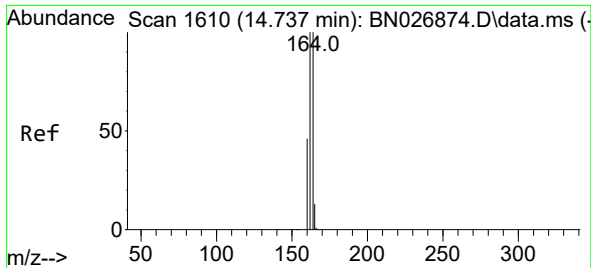
Tgt Ion: 82 Resp: 4337
Ion Ratio Lower Upper
82 100
128 44.2 34.1 51.1
54 44.6 37.0 55.4



#11
2-Methylnaphthalene-d10
Concen: 0.380 ng
RT: 12.506 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BN026945.D
Acq: 17 Aug 2023 16:50

Tgt Ion: 152 Resp: 10073
Ion Ratio Lower Upper
152 100
151 20.0 16.3 24.5

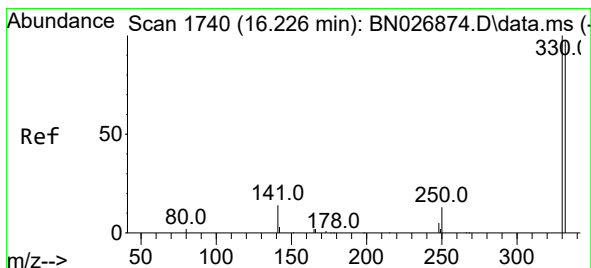
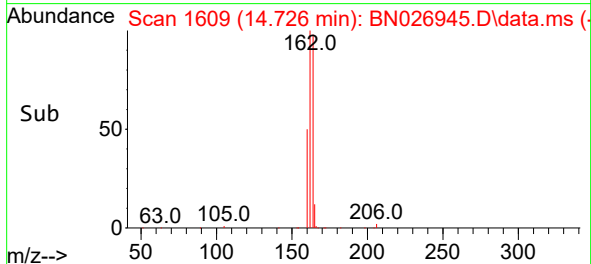
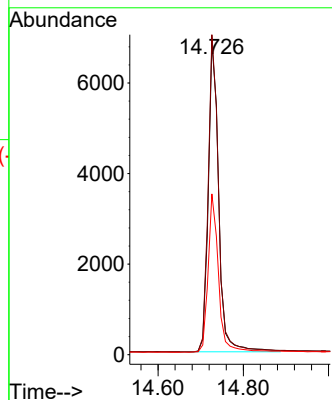
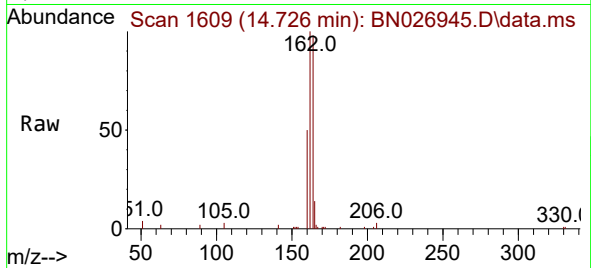




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.726 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN026945.D
Acq: 17 Aug 2023 16:50

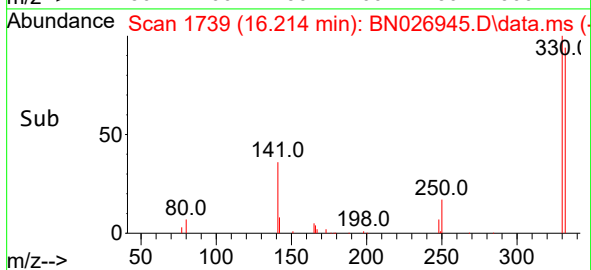
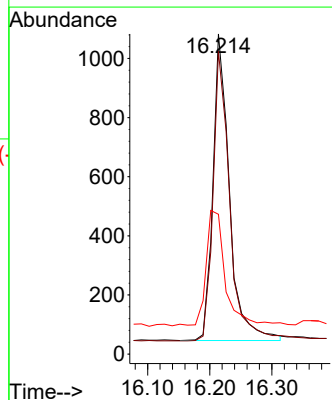
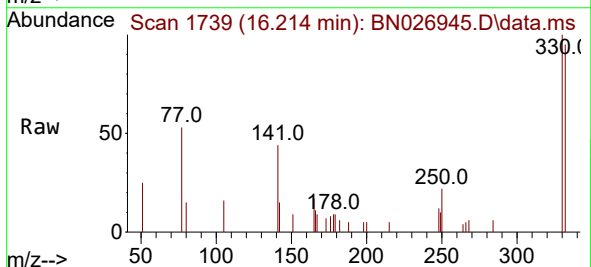
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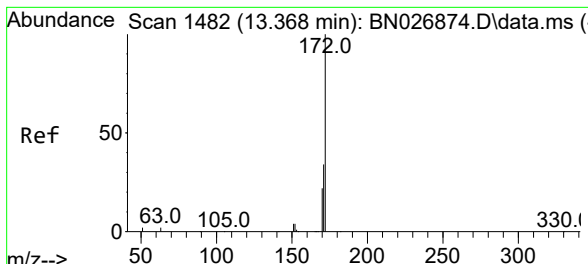
Tgt Ion:164 Resp: 11634
Ion Ratio Lower Upper
164 100
162 102.3 79.7 119.5
160 51.4 37.4 56.0



#14
2,4,6-Tribromophenol
Concen: 0.310 ng
RT: 16.214 min Scan# 1739
Delta R.T. 0.000 min
Lab File: BN026945.D
Acq: 17 Aug 2023 16:50

Tgt Ion:330 Resp: 1918
Ion Ratio Lower Upper
330 100
332 94.4 76.6 114.8
141 43.3 32.3 48.5

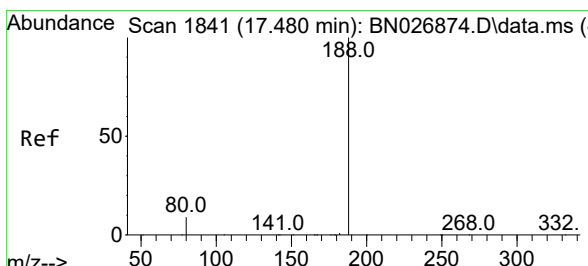
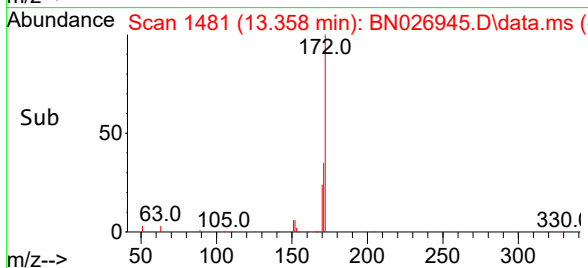
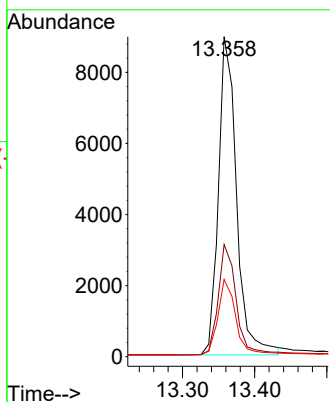
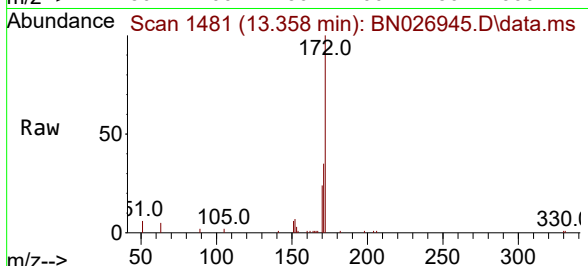




#15
2-Fluorobiphenyl
Concen: 0.361 ng
RT: 13.358 min Scan# 1481
Delta R.T. 0.000 min
Lab File: BN026945.D
Acq: 17 Aug 2023 16:50

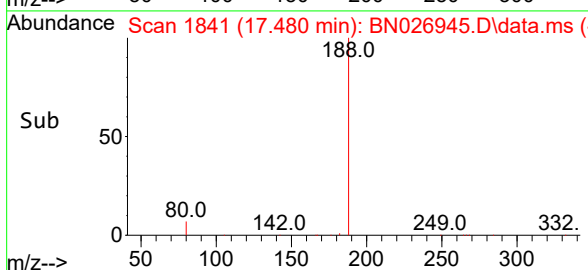
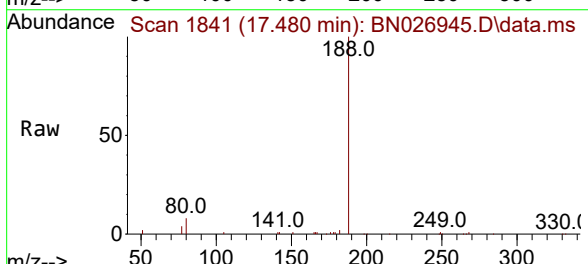
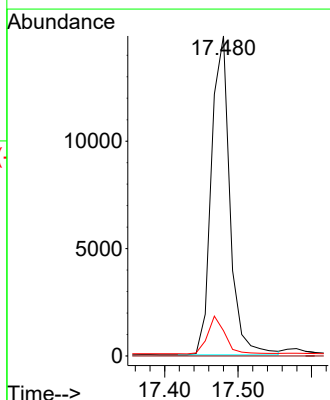
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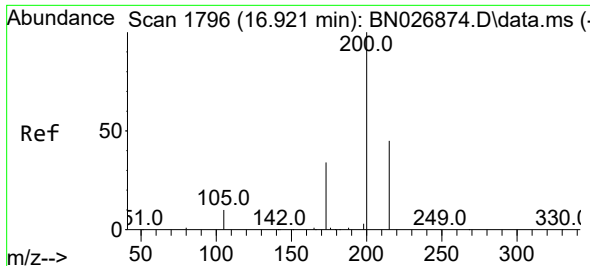
Tgt Ion:	172	Resp:	15589
Ion Ratio	Lower	Upper	
172	100		
171	35.1	27.4	41.0
170	24.1	18.0	27.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.480 min Scan# 1841
Delta R.T. 0.000 min
Lab File: BN026945.D
Acq: 17 Aug 2023 16:50

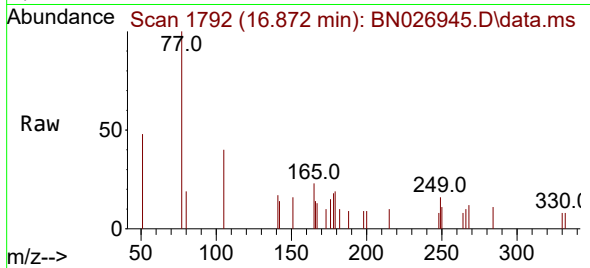
Tgt Ion:	188	Resp:	25954
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	7.9	7.4	11.2



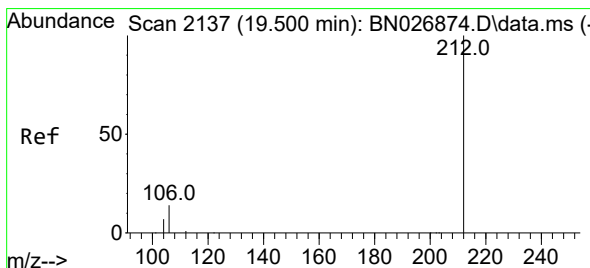
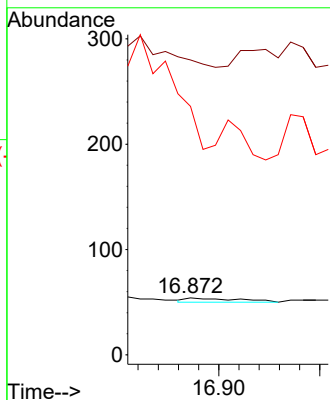
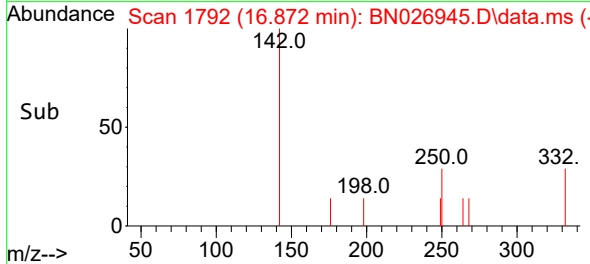


#20
4,6-Dinitro-2-methylphenol
Concen: 0.034 ng
RT: 16.872 min Scan# 11
Delta R.T. -0.050 min
Lab File: BN026945.D
Acq: 17 Aug 2023 16:50

Instrument :
BNA_N
ClientSampleId :
RE114D1-20230815

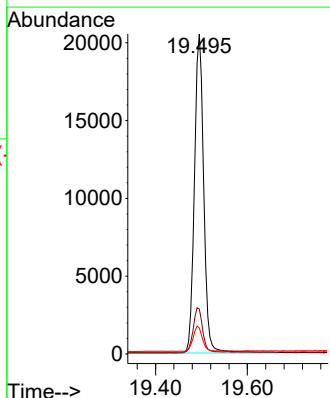
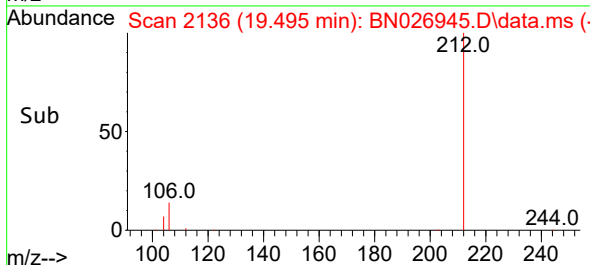
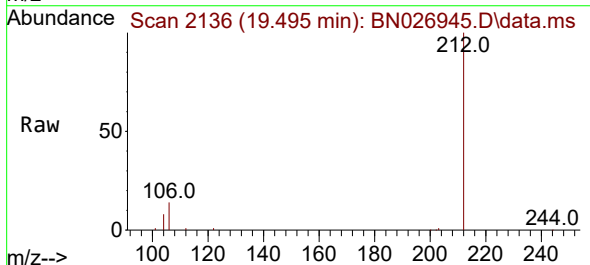


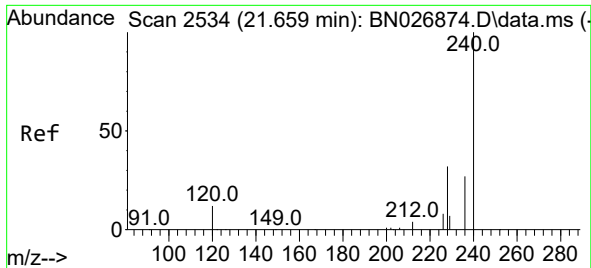
Tgt Ion:198 Resp: 14
Ion Ratio Lower Upper
198 100
51 518.5 143.8 215.8#
105 437.0 273.5 410.3#



#27
Fluoranthene-d10
Concen: 0.433 ng
RT: 19.495 min Scan# 2136
Delta R.T. -0.005 min
Lab File: BN026945.D
Acq: 17 Aug 2023 16:50

Tgt Ion:212 Resp: 28825
Ion Ratio Lower Upper
212 100
106 13.9 10.9 16.3
104 7.9 5.9 8.9

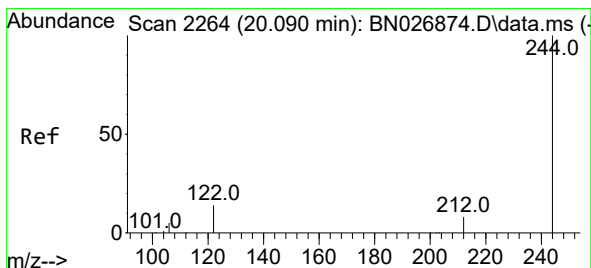
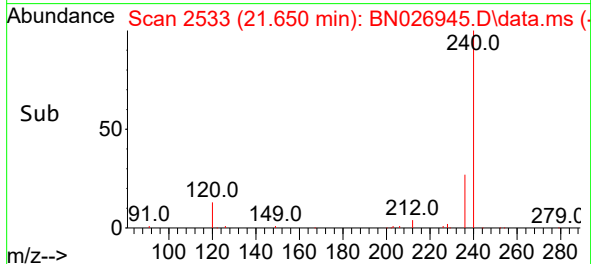
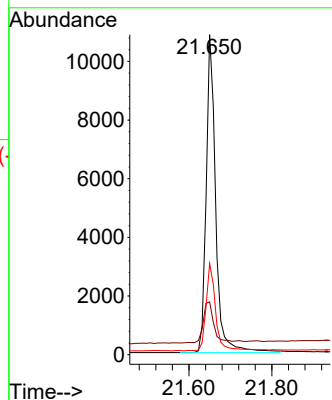
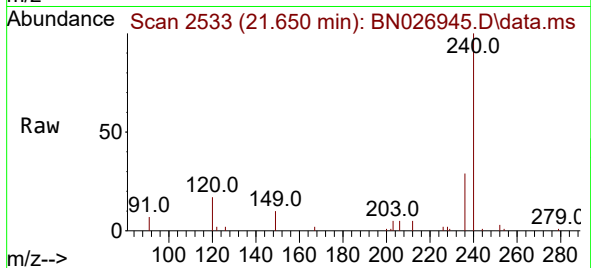




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.650 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN026945.D
Acq: 17 Aug 2023 16:50

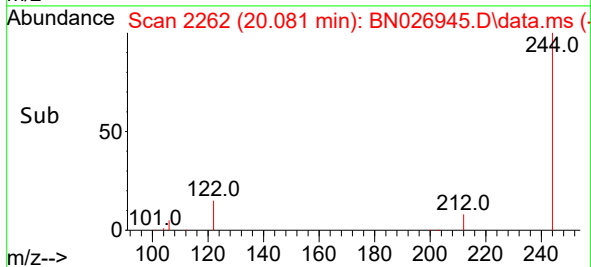
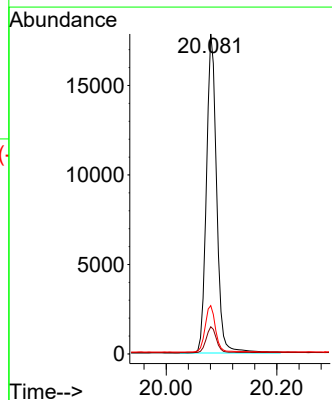
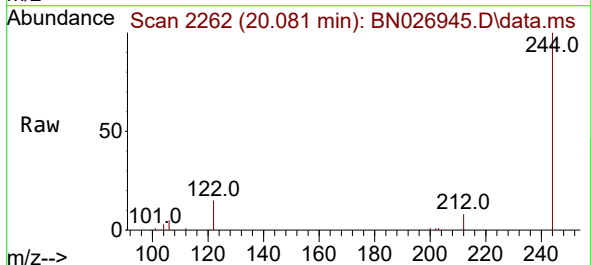
Instrument :
BNA_N
ClientSampleId :
RE114D1-20230815

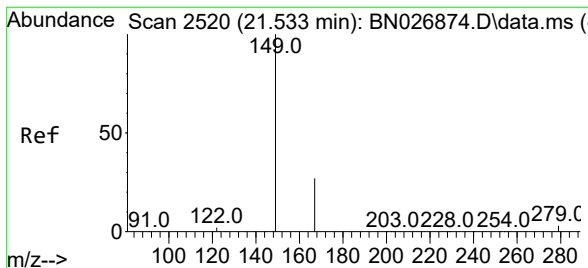
Tgt Ion:240 Resp: 17305
Ion Ratio Lower Upper
240 100
120 16.5 11.1 16.7
236 28.5 22.2 33.2



#31
Terphenyl-d14
Concen: 0.635 ng
RT: 20.081 min Scan# 2262
Delta R.T. -0.005 min
Lab File: BN026945.D
Acq: 17 Aug 2023 16:50

Tgt Ion:244 Resp: 22961
Ion Ratio Lower Upper
244 100
212 8.5 6.9 10.3
122 15.1 11.9 17.9

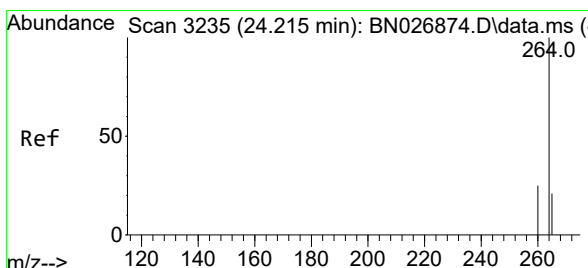
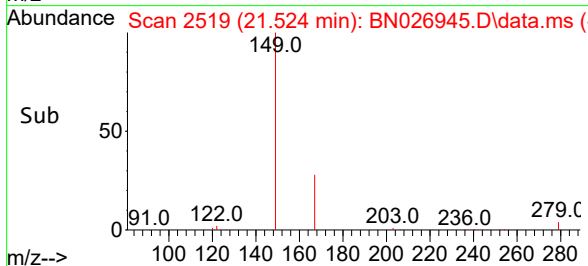
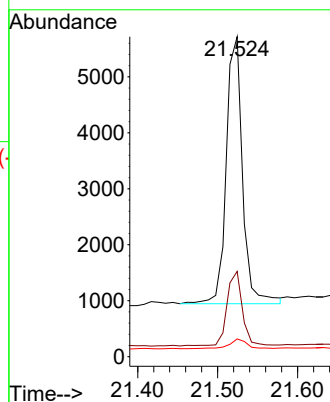
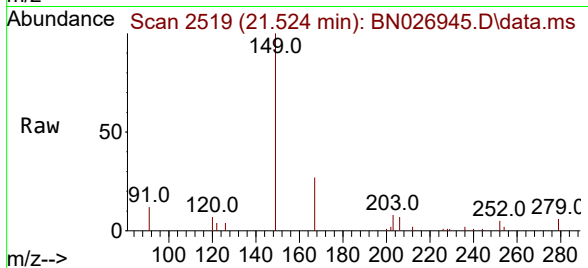




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.150 ng
 RT: 21.524 min Scan# 2119
 Delta R.T. 0.000 min
 Lab File: BN026945.D
 Acq: 17 Aug 2023 16:50

Instrument :
 BNA_N
 ClientSampleId :
 RE114D1-20230815

Tgt Ion:149 Resp: 6756
 Ion Ratio Lower Upper
 149 100
 167 26.3 21.4 32.0
 279 3.8 3.6 5.4



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.197 min Scan# 3229
 Delta R.T. -0.006 min
 Lab File: BN026945.D
 Acq: 17 Aug 2023 16:50

Tgt Ion:264 Resp: 16218
 Ion Ratio Lower Upper
 264 100
 260 26.1 20.4 30.6
 265 72.7 27.0 40.6#

