

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033121\
 Data File : BN014147.D
 Acq On : 31 Mar 2021 17:40
 Operator : CG/JU
 Sample : M1842-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE103D3-20210323

Quant Time: Mar 31 18:11:10 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 31 12:15:38 2021
 Response via : Initial Calibration

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

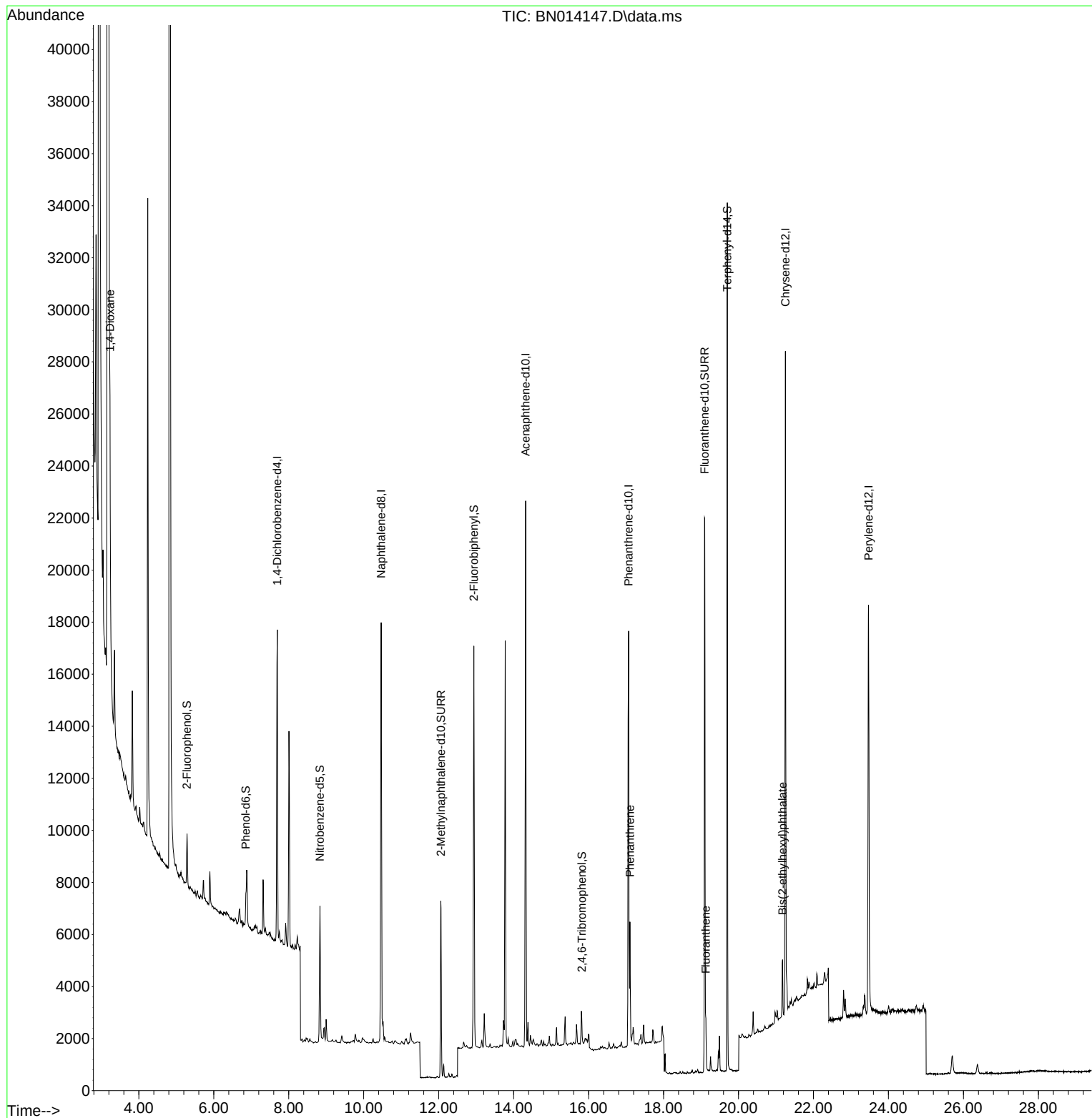
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.692	152	5716	0.40	ng	0.00
7) Naphthalene-d8	10.467	136	21105	0.40	ng	# 0.00
13) Acenaphthene-d10	14.321	164	11481	0.40	ng	0.00
19) Phenanthrene-d10	17.067	188	23183	0.40	ng	0.00
29) Chrysene-d12	21.250	240	22558	0.40	ng	0.00
36) Perylene-d12	23.468	264	21791	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.284	112	1501	0.10	ng	0.00
5) Phenol-d6	6.855	99	1048	0.06	ng	0.00
8) Nitrobenzene-d5	8.832	82	4138	0.29	ng	0.00
11) 2-Methylnaphthalene-d10	12.057	152	9310	0.29	ng	0.00
14) 2,4,6-Tribromophenol	15.818	330	961	0.26	ng	0.01
15) 2-Fluorobiphenyl	12.938	172	12849	0.30	ng	0.00
27) Fluoranthene-d10	19.099	212	24963	0.41	ng	0.00
31) Terphenyl-d14	19.699	244	33001	0.64	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.230	88	3123	0.42	ng	# 73
25) Phenanthrene	17.104	178	4624	0.07	ng	99
28) Fluoranthene	19.129	202	1434	0.02	ng	# 89
34) Bis(2-ethylhexyl)phtha...	21.175	149	2516	0.13	ng	# 96

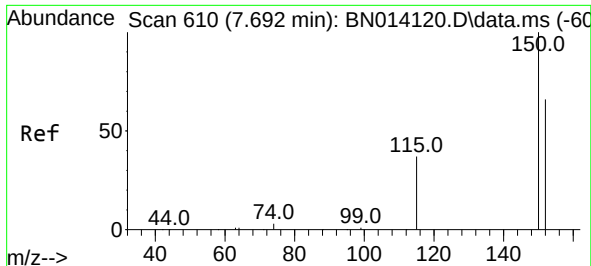
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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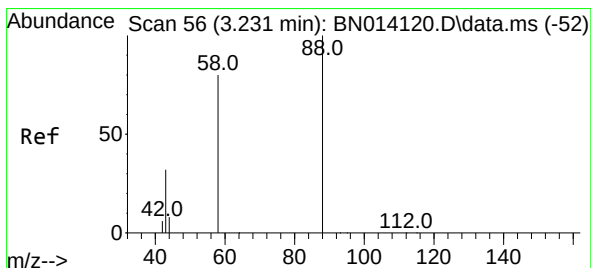
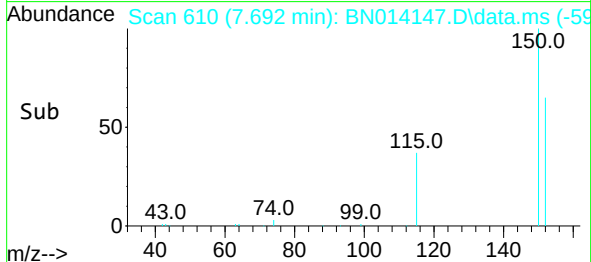
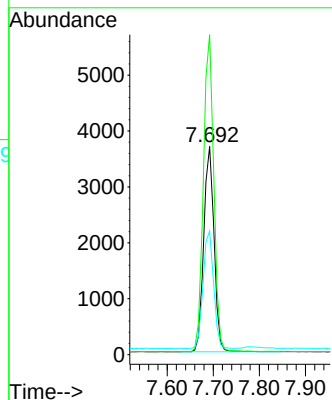
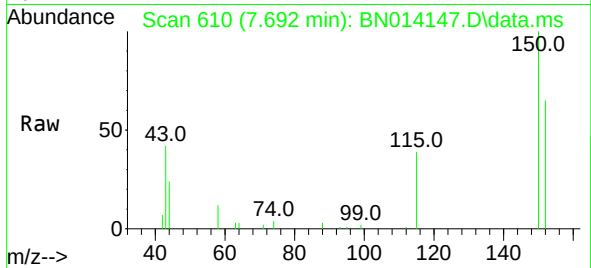




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.692 min Scan# 610
 Delta R.T. 0.008 min
 Lab File: BN014147.D
 Acq: 31 Mar 2021 17:40

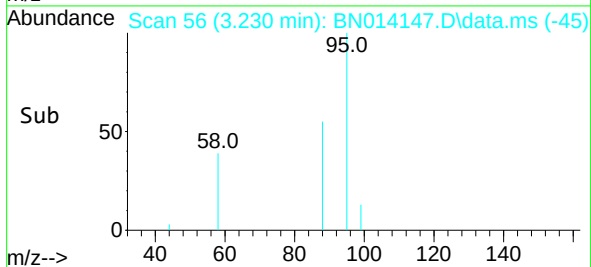
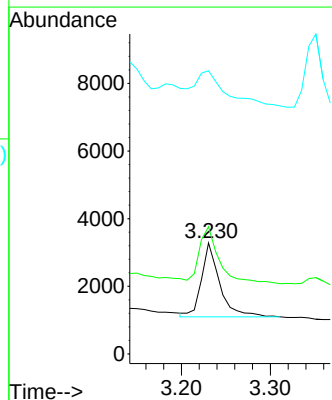
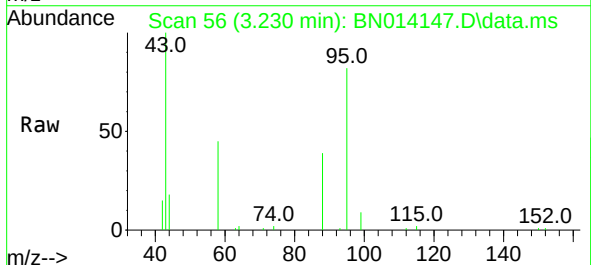
Instrument :
 BNA_N
 ClientSampleId :
 RE103D3-20210323

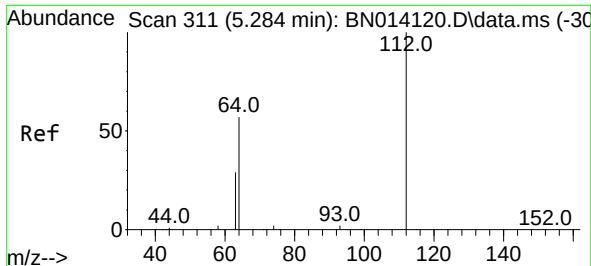
Tgt Ion:152 Resp: 5716
 Ion Ratio Lower Upper
 152 100
 150 153.7 121.2 181.8
 115 59.4 46.2 69.2



#2
 1,4-Dioxane
 Concen: 0.42 ng
 RT: 3.230 min Scan# 56
 Delta R.T. -0.008 min
 Lab File: BN014147.D
 Acq: 31 Mar 2021 17:40

Tgt Ion: 88 Resp: 3123
 Ion Ratio Lower Upper
 88 100
 58 84.4 63.1 94.7
 43 76.5 26.2 39.2#

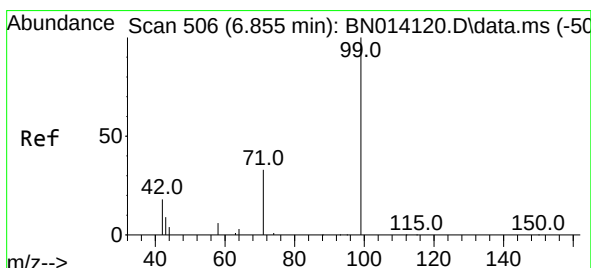
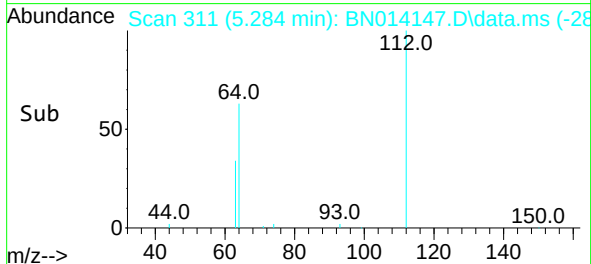
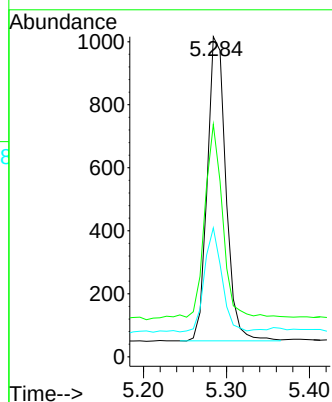
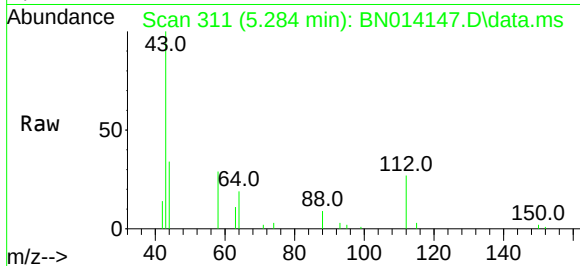




#4
2-Fluorophenol
Concen: 0.10 ng
RT: 5.284 min Scan# 311
Delta R.T. -0.000 min
Lab File: BN014147.D
Acq: 31 Mar 2021 17:40

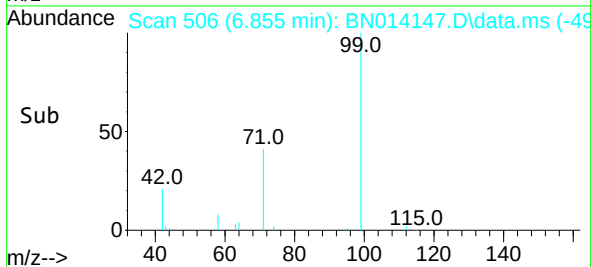
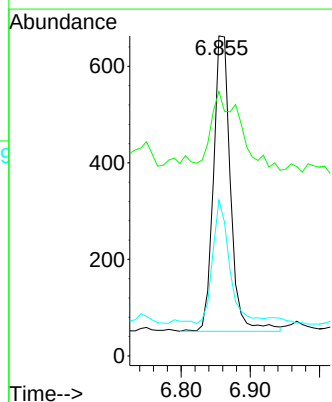
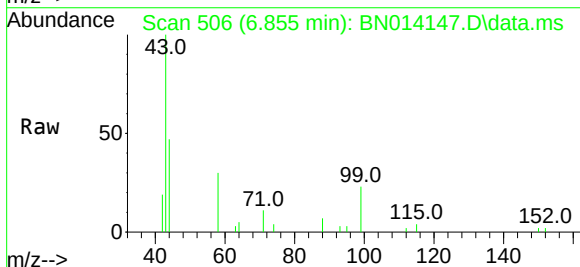
Instrument :
BNA_N
ClientSampleId :
RE103D3-20210323

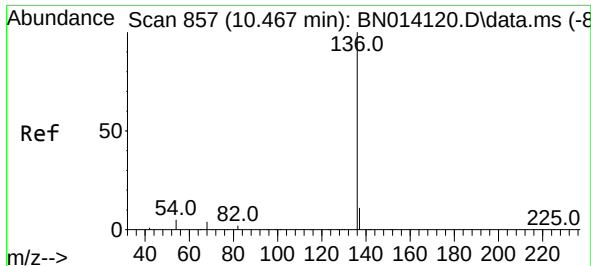
Tgt Ion:	112	Resp:	1501
Ion	Ratio	Lower	Upper
112	100		
64	65.5	48.3	72.5
63	32.0	25.4	38.0



#5
Phenol-d6
Concen: 0.06 ng
RT: 6.855 min Scan# 506
Delta R.T. -0.000 min
Lab File: BN014147.D
Acq: 31 Mar 2021 17:40

Tgt Ion:	99	Resp:	1048
Ion	Ratio	Lower	Upper
99	100		
42	45.3	18.2	27.4#
71	41.5	26.7	40.1#

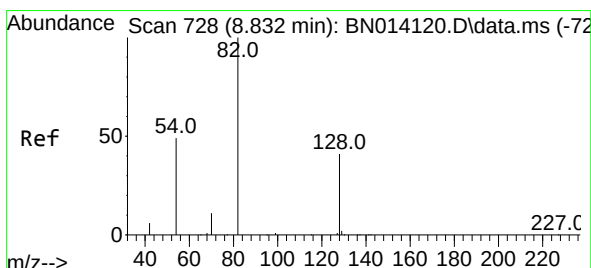
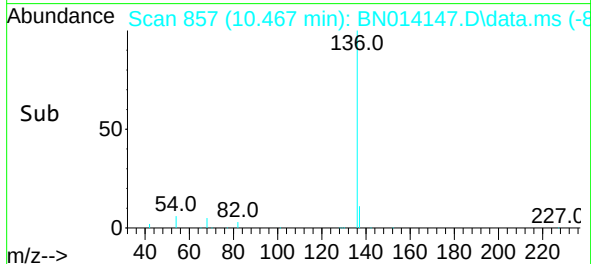
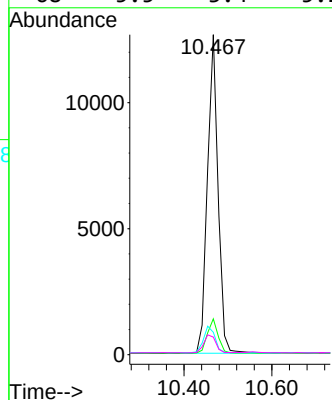
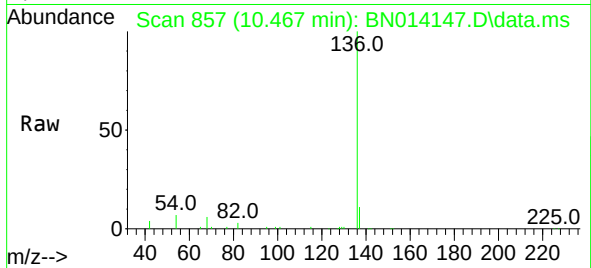




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.467 min Scan# 857
Delta R.T. -0.000 min
Lab File: BN014147.D
Acq: 31 Mar 2021 17:40

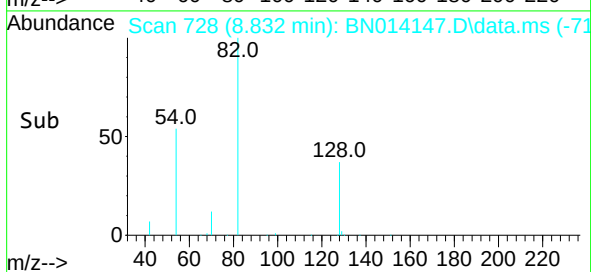
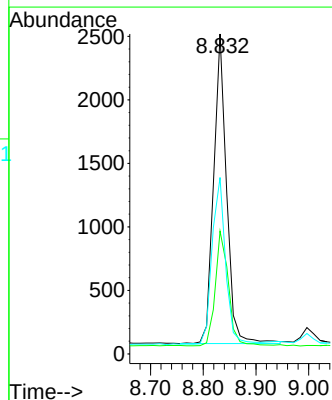
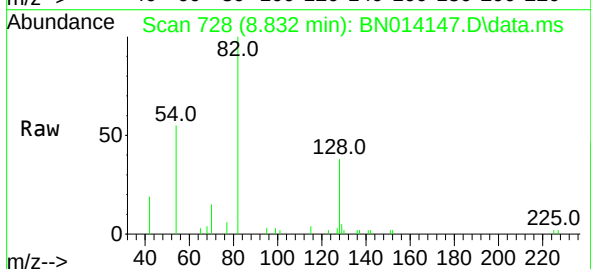
Instrument :
BNA_N
ClientSampleId :
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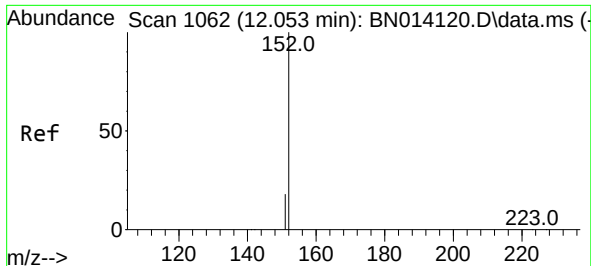
Tgt Ion:	136	Resp:	21105
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.1	13.7
54	7.0	4.3	6.5#
68	5.5	3.4	5.2#



#8
Nitrobenzene-d5
Concen: 0.29 ng
RT: 8.832 min Scan# 728
Delta R.T. -0.000 min
Lab File: BN014147.D
Acq: 31 Mar 2021 17:40

Tgt Ion:	82	Resp:	4138
Ion Ratio	Lower	Upper	
82	100		
128	38.4	33.5	50.3
54	55.1	40.3	60.5

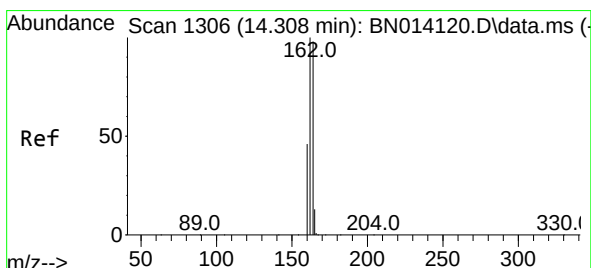
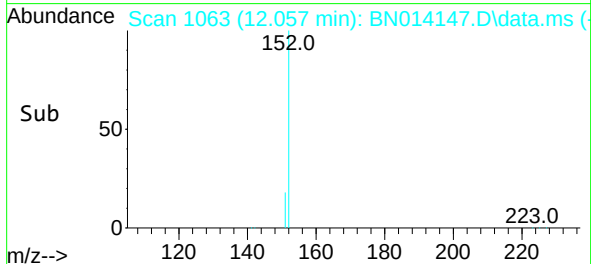
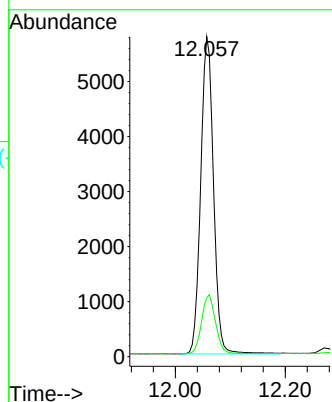
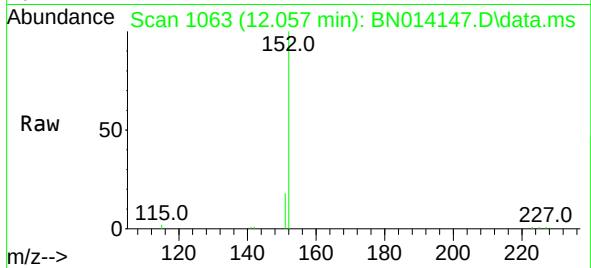




#11
2-Methylnaphthalene-d10
Concen: 0.29 ng
RT: 12.057 min Scan# 1063
Delta R.T. 0.004 min
Lab File: BN014147.D
Acq: 31 Mar 2021 17:40

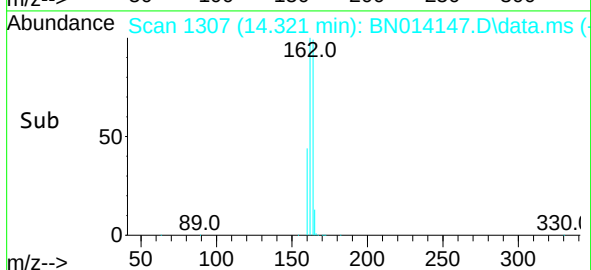
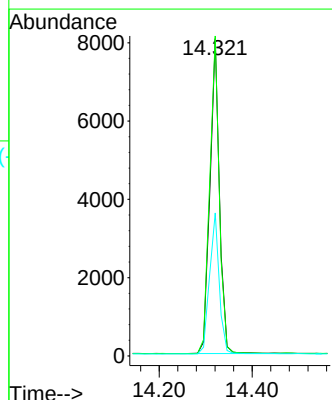
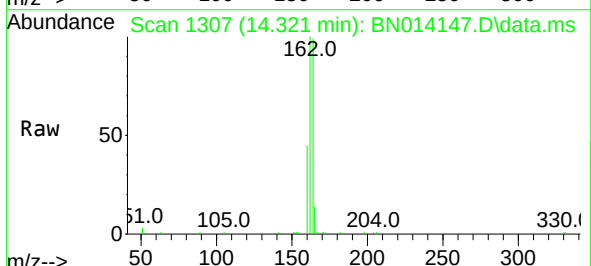
Instrument :
BNA_N
ClientSampleId :
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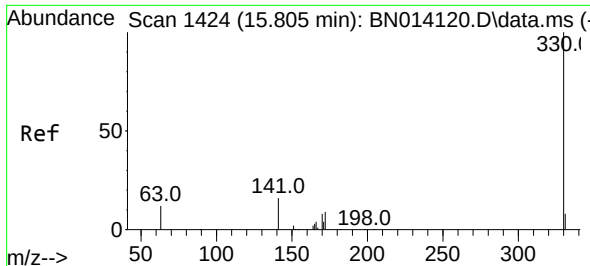
Tgt Ion:152 Resp: 9310
Ion Ratio Lower Upper
152 100
151 20.0 16.1 24.1



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.321 min Scan# 1307
Delta R.T. -0.000 min
Lab File: BN014147.D
Acq: 31 Mar 2021 17:40

Tgt Ion:164 Resp: 11481
Ion Ratio Lower Upper
164 100
162 100.8 81.4 122.2
160 45.1 37.5 56.3

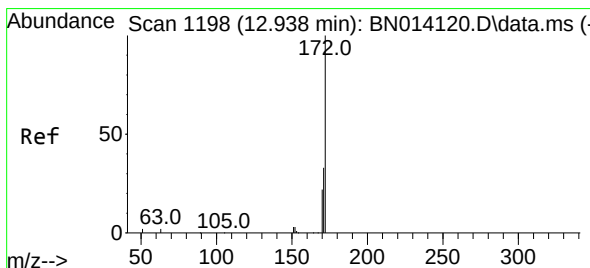
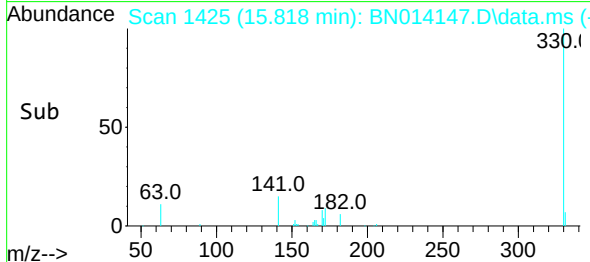
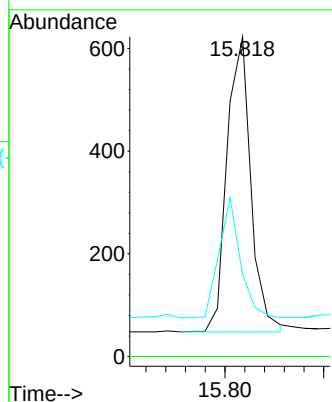
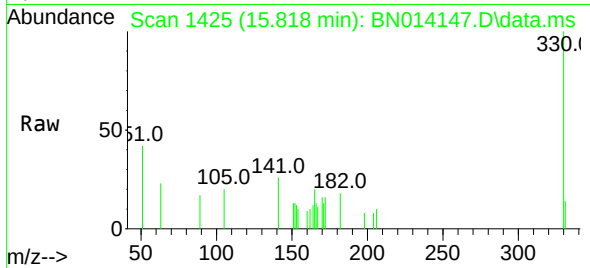




#14
2,4,6-Tribromophenol
Concen: 0.26 ng
RT: 15.818 min Scan# 1425
Delta R.T. 0.012 min
Lab File: BN014147.D
Acq: 31 Mar 2021 17:40

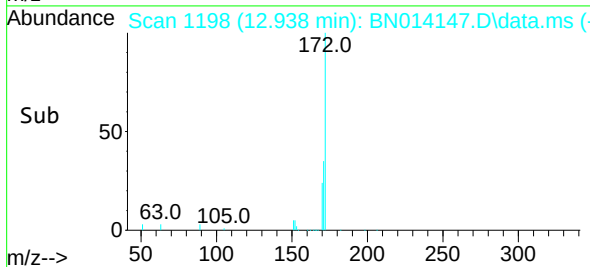
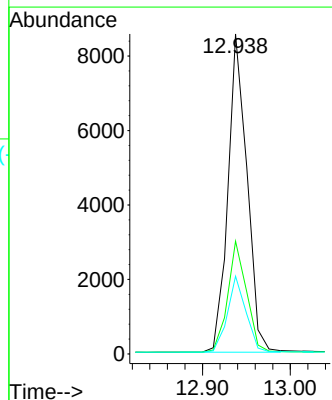
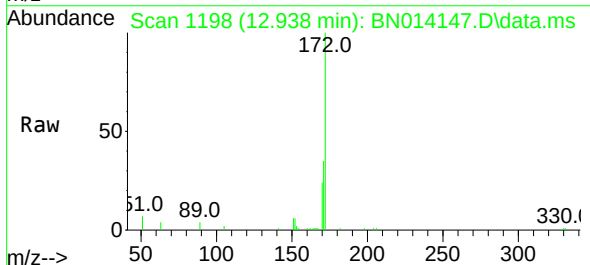
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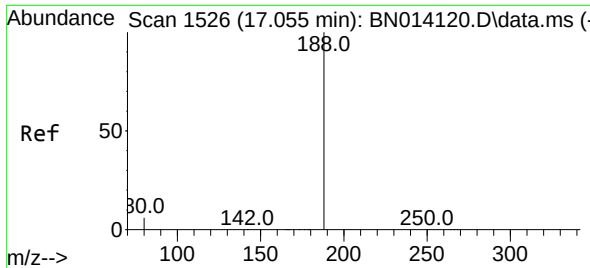
Tgt Ion:330 Resp: 961
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 36.6 31.2 46.8



#15
2-Fluorobiphenyl
Concen: 0.30 ng
RT: 12.938 min Scan# 1198
Delta R.T. -0.000 min
Lab File: BN014147.D
Acq: 31 Mar 2021 17:40

Tgt Ion:172 Resp: 12849
Ion Ratio Lower Upper
172 100
171 35.2 26.9 40.3
170 24.3 17.8 26.8

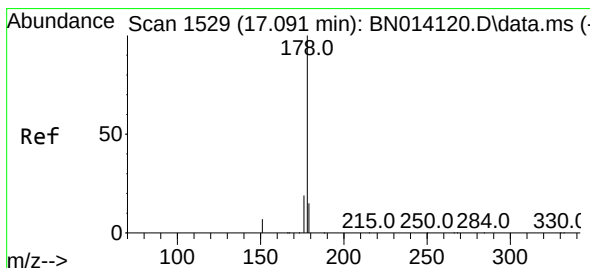
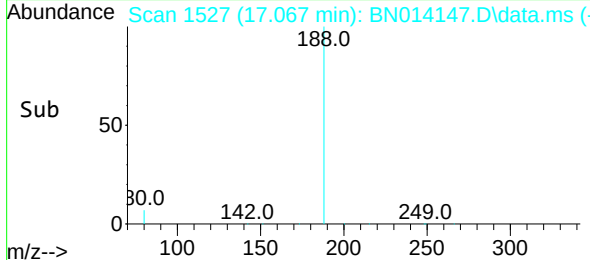
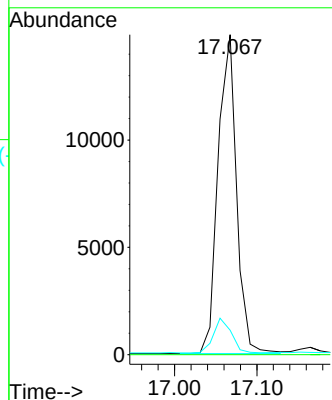
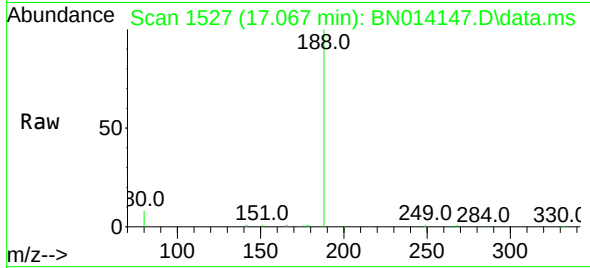




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.067 min Scan# 1527
Delta R.T. 0.000 min
Lab File: BN014147.D
Acq: 31 Mar 2021 17:40

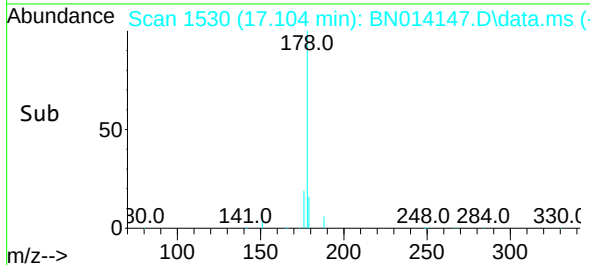
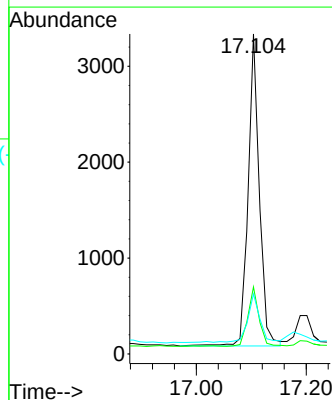
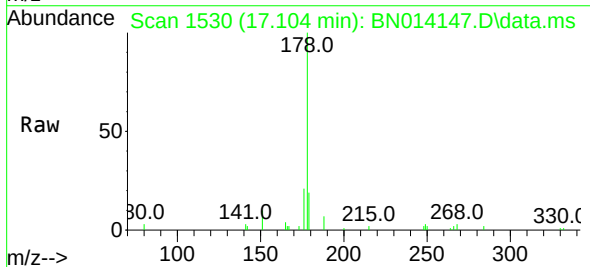
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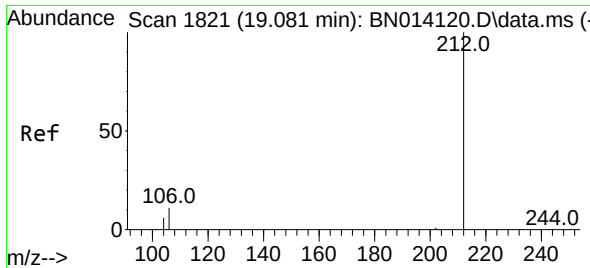
Tgt Ion:188 Resp: 23183
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.7 5.2 7.8



#25
Phenanthrene
Concen: 0.07 ng
RT: 17.104 min Scan# 1530
Delta R.T. 0.000 min
Lab File: BN014147.D
Acq: 31 Mar 2021 17:40

Tgt Ion:178 Resp: 4624
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.6
179 16.6 12.4 18.6

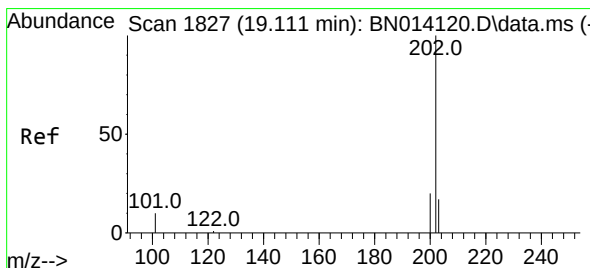
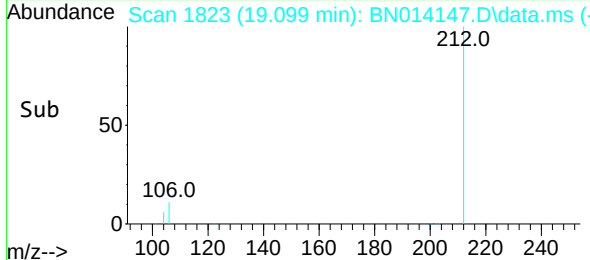
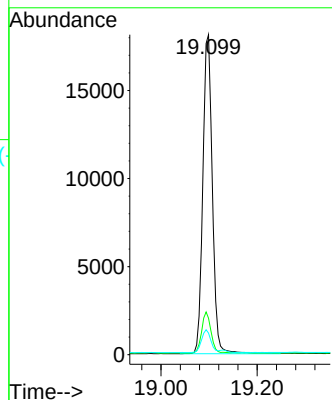
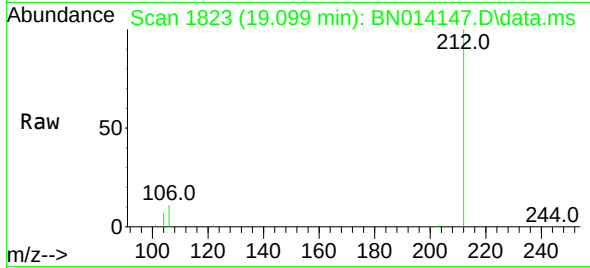




#27
Fluoranthene-d10
Concen: 0.41 ng
RT: 19.099 min Scan# 1823
Delta R.T. 0.002 min
Lab File: BN014147.D
Acq: 31 Mar 2021 17:40

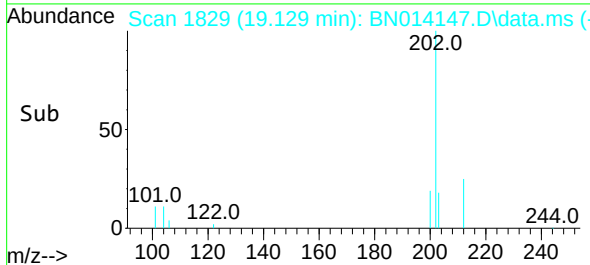
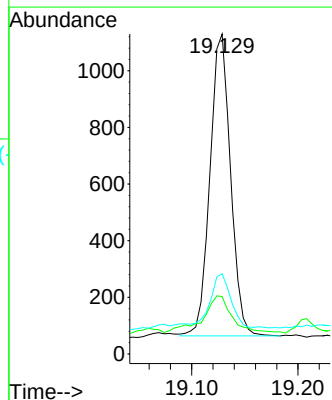
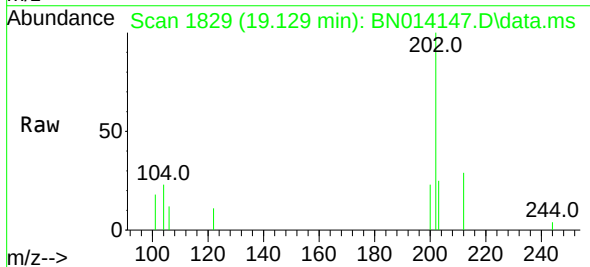
Instrument :
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RE103D3-20210323

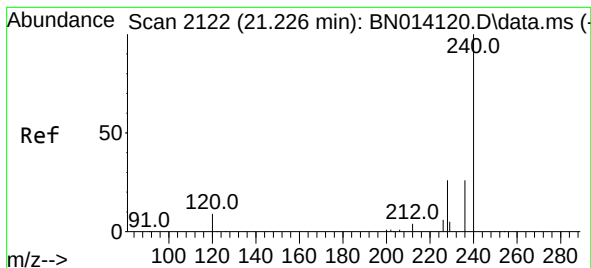
Tgt Ion:212 Resp: 24963
Ion Ratio Lower Upper
212 100
106 12.5 10.1 15.1
104 7.0 5.5 8.3



#28
Fluoranthene
Concen: 0.02 ng
RT: 19.129 min Scan# 1829
Delta R.T. 0.002 min
Lab File: BN014147.D
Acq: 31 Mar 2021 17:40

Tgt Ion:202 Resp: 1434
Ion Ratio Lower Upper
202 100
101 17.5 8.8 13.2#
203 20.2 13.8 20.6





#29

Chrysene-d12

Concen: 0.40 ng

RT: 21.250 min Scan# 2123

Delta R.T. 0.002 min

Lab File: BN014147.D

Acq: 31 Mar 2021 17:40

Tgt Ion:240 Resp: 22558

Ion Ratio Lower Upper

240 100

120 8.9 8.4 12.6

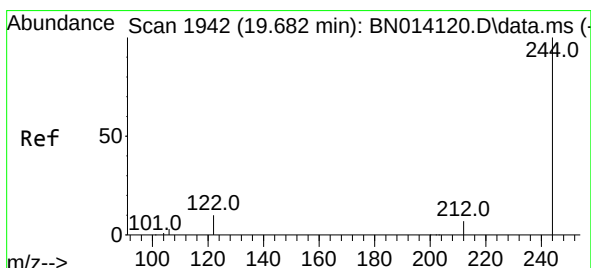
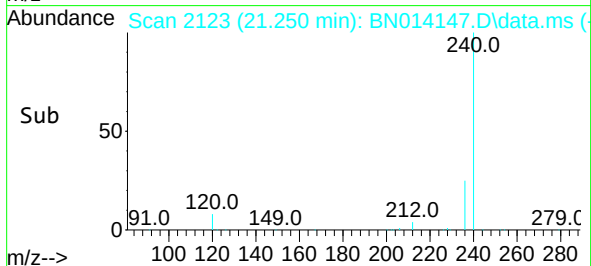
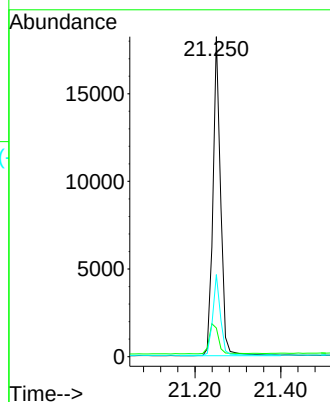
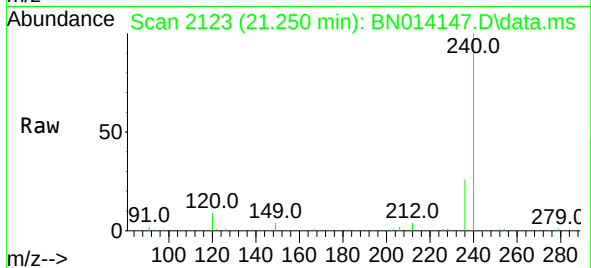
236 25.6 21.0 31.6

Instrument :

BNA_N

ClientSampleId :

RE103D3-20210323



#31

Terphenyl-d14

Concen: 0.64 ng

RT: 19.699 min Scan# 1944

Delta R.T. 0.002 min

Lab File: BN014147.D

Acq: 31 Mar 2021 17:40

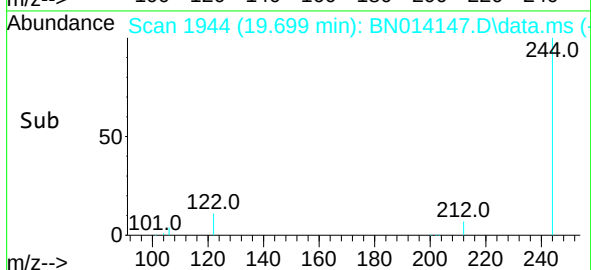
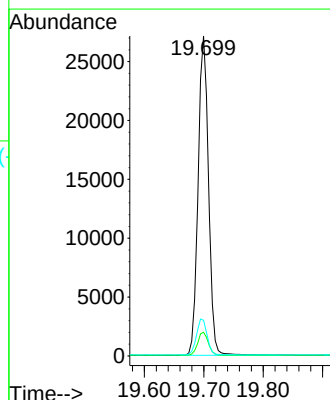
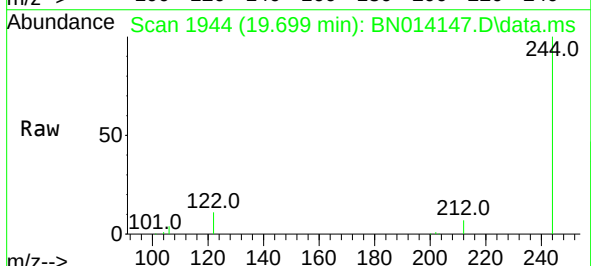
Tgt Ion:244 Resp: 33001

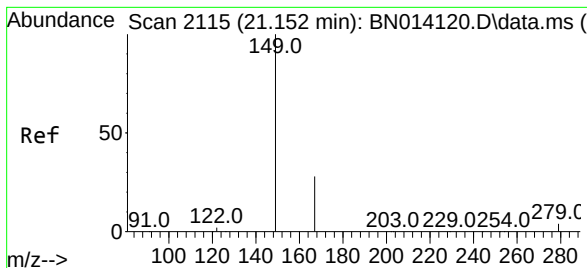
Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

122 11.1 8.6 13.0

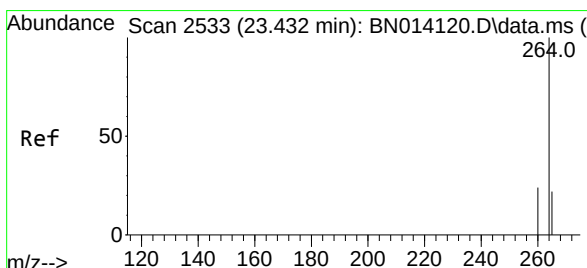
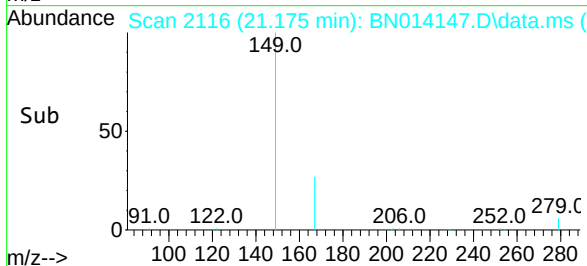
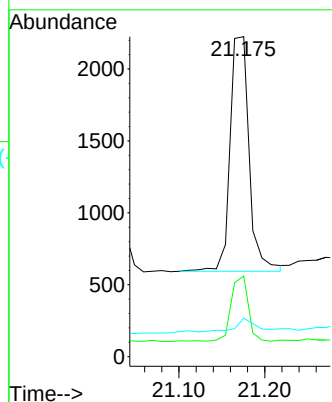
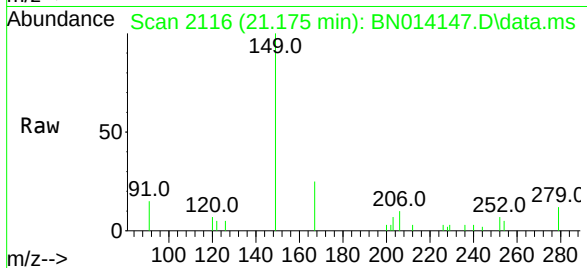




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.13 ng
 RT: 21.175 min Scan# 2116
 Delta R.T. 0.002 min
 Lab File: BN014147.D
 Acq: 31 Mar 2021 17:40

Instrument :
 BNA_N
 ClientSampleId :
 RE103D3-20210323

Tgt Ion:149 Resp: 2516
 Ion Ratio Lower Upper
 149 100
 167 24.7 21.4 32.2
 279 6.0 3.5 5.3#



#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.468 min Scan# 2542
 Delta R.T. 0.002 min
 Lab File: BN014147.D
 Acq: 31 Mar 2021 17:40

Tgt Ion:264 Resp: 21791
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.8 29.8
 265 33.5 30.7 46.1

