

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032221\
 Data File : BN014013.D
 Acq On : 22 Mar 2021 15:19
 Operator : CG/JU
 Sample : M1736-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE120D1-20210317

Quant Time: Mar 22 16:13:30 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 19 14:40:09 2021
 Response via : Initial Calibration

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

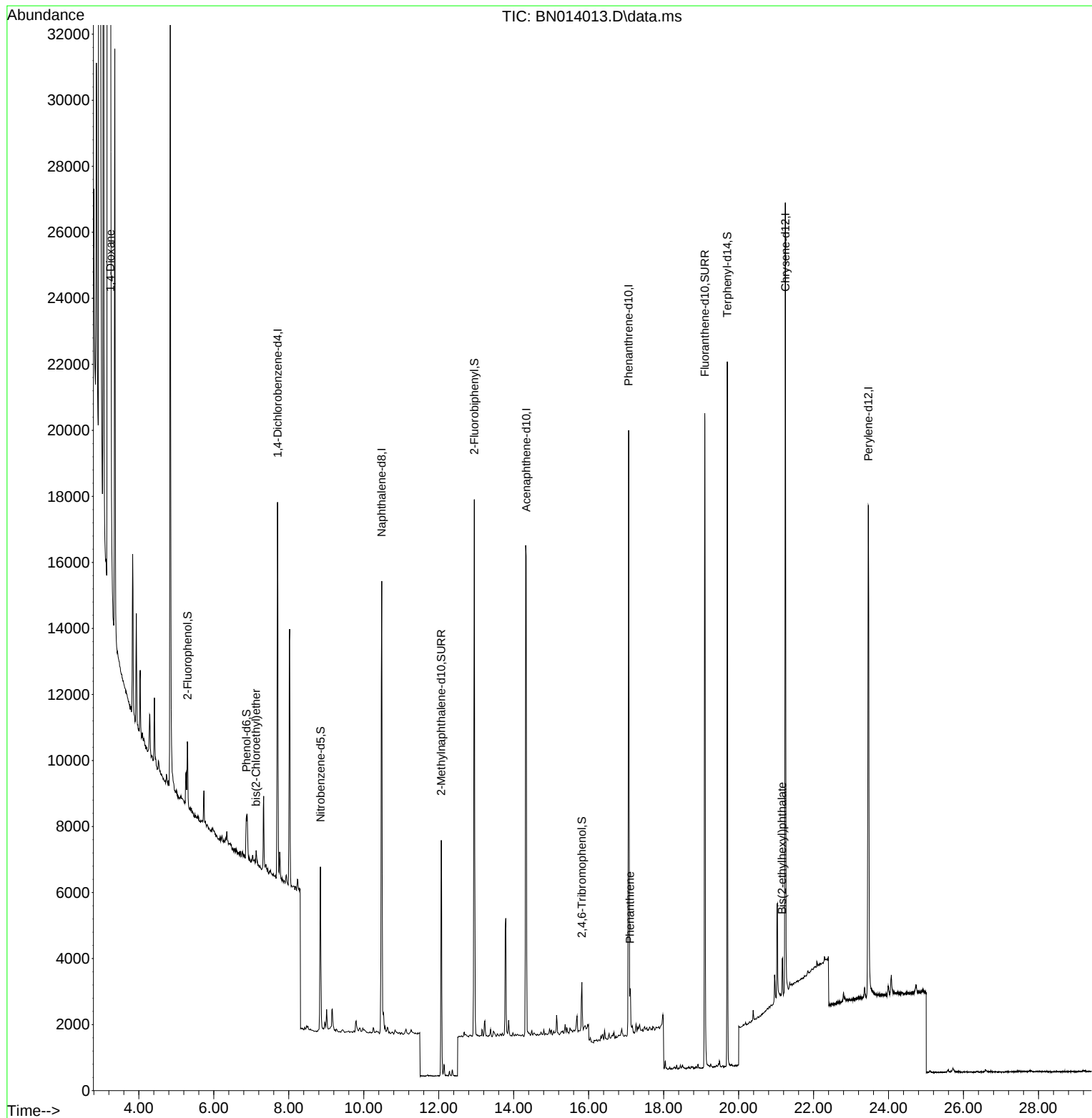
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.700	152	4988	0.40	ng	0.00
7) Naphthalene-d8	10.480	136	18598	0.40	ng	0.00
13) Acenaphthene-d10	14.334	164	9979	0.40	ng	0.00
19) Phenanthrene-d10	17.067	188	22571	0.40	ng	0.00
29) Chrysene-d12	21.247	240	22028	0.40	ng	# 0.00
36) Perylene-d12	23.463	264	20708	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.300	112	1513	0.13	ng	0.00
5) Phenol-d6	6.871	99	1059	0.07	ng	0.00
8) Nitrobenzene-d5	8.845	82	3941	0.32	ng	0.00
11) 2-Methylnaphthalene-d10	12.066	152	9707	0.33	ng	0.00
14) 2,4,6-Tribromophenol	15.818	330	1011	0.31	ng	0.00
15) 2-Fluorobiphenyl	12.951	172	13667	0.37	ng	0.00
27) Fluoranthene-d10	19.101	212	23902	0.38	ng	0.00
31) Terphenyl-d14	19.697	244	20903	0.43	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.239	88	45374	6.90	ng	97
6) bis(2-Chloroethyl)ether	7.129	93	316	0.02	ng	88
25) Phenanthrene	17.104	178	1565	0.03	ng	96
34) Bis(2-ethylhexyl)phtha...	21.162	149	1205	0.05	ng	# 98

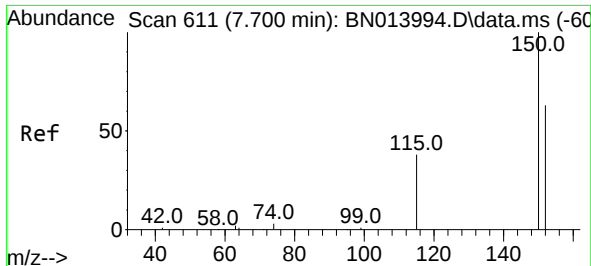
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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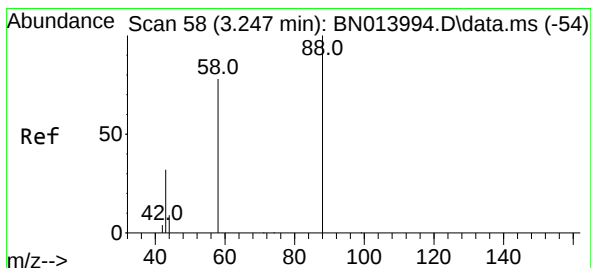
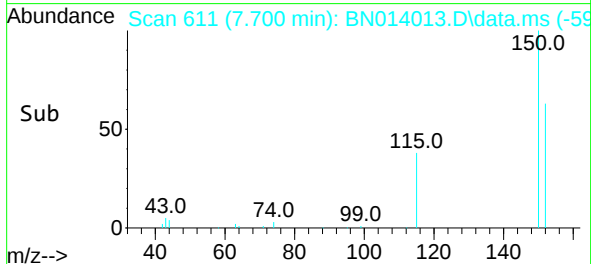
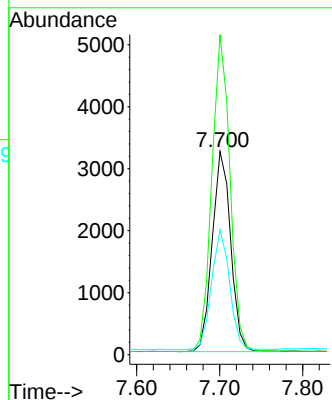
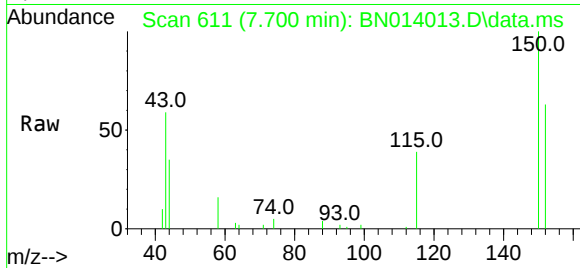




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.700 min Scan# 611
 Delta R.T. 0.000 min
 Lab File: BN014013.D
 Acq: 22 Mar 2021 15:19

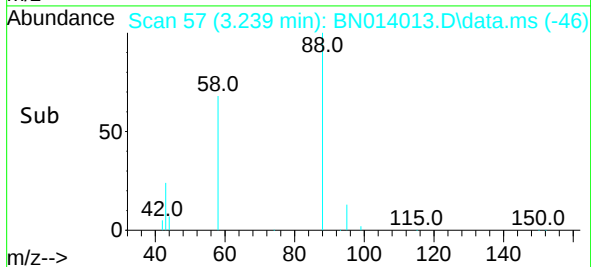
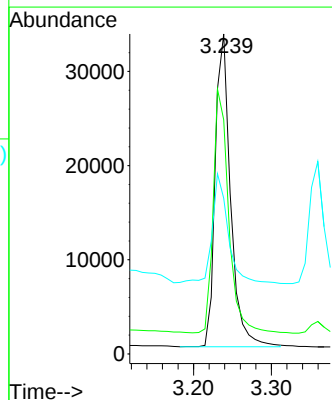
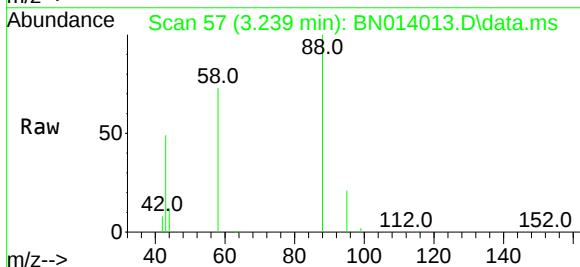
Instrument :
 BNA_N
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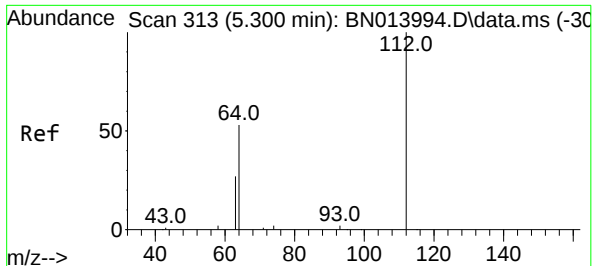
Tgt Ion:152 Resp: 4988
 Ion Ratio Lower Upper
 152 100
 150 157.5 121.8 182.8
 115 61.5 46.6 69.8



#2
 1,4-Dioxane
 Concen: 6.90 ng
 RT: 3.239 min Scan# 57
 Delta R.T. -0.008 min
 Lab File: BN014013.D
 Acq: 22 Mar 2021 15:19

Tgt Ion: 88 Resp: 45374
 Ion Ratio Lower Upper
 88 100
 58 78.1 64.6 96.8
 43 36.1 26.6 40.0

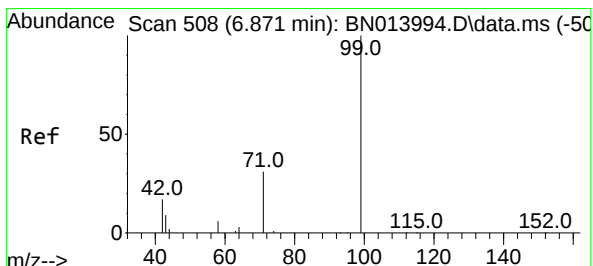
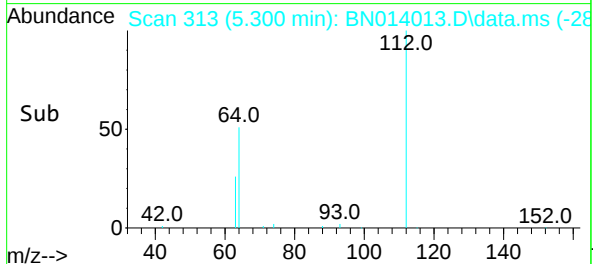
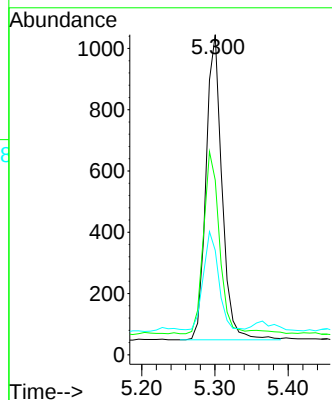
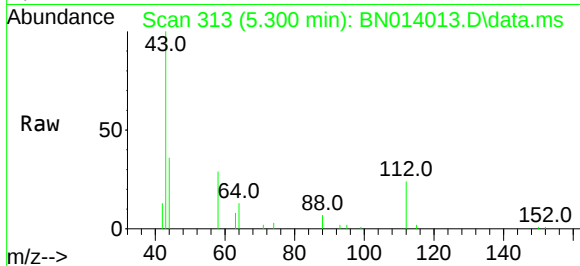




#4
2-Fluorophenol
Concen: 0.13 ng
RT: 5.300 min Scan# 313
Delta R.T. 0.000 min
Lab File: BN014013.D
Acq: 22 Mar 2021 15:19

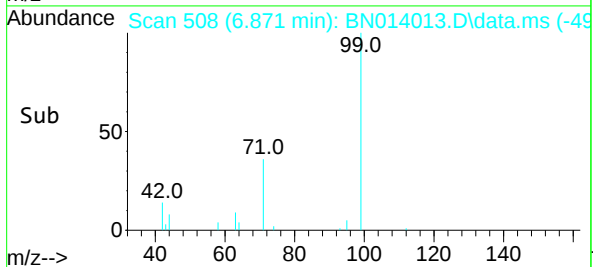
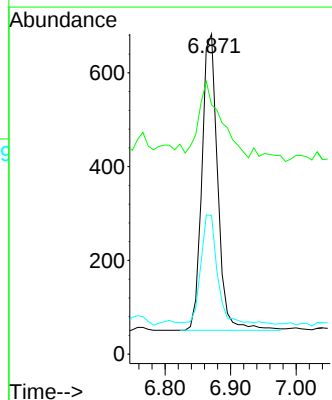
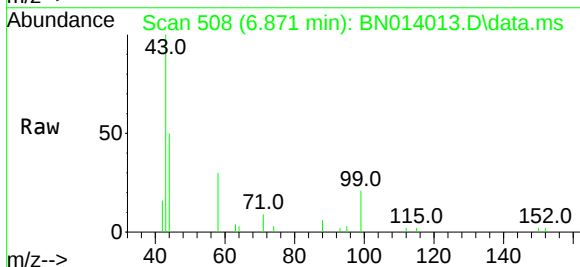
Instrument :
BNA_N
ClientSampleId :
RE120D1-20210317

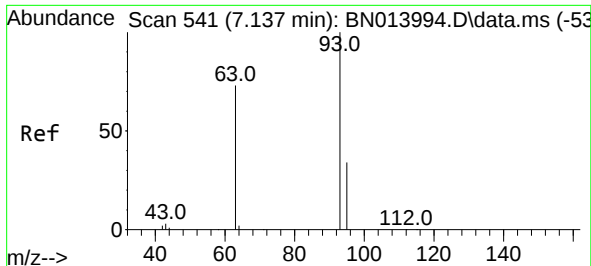
Tgt Ion:	112	Resp:	1513
Ion	Ratio	Lower	Upper
112	100		
64	59.2	44.3	66.5
63	31.9	23.0	34.6



#5
Phenol-d6
Concen: 0.07 ng
RT: 6.871 min Scan# 508
Delta R.T. 0.000 min
Lab File: BN014013.D
Acq: 22 Mar 2021 15:19

Tgt Ion:	99	Resp:	1059
Ion	Ratio	Lower	Upper
99	100		
42	35.8	15.2	22.8#
71	38.9	26.1	39.1

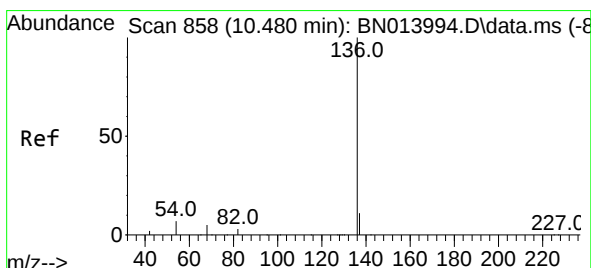
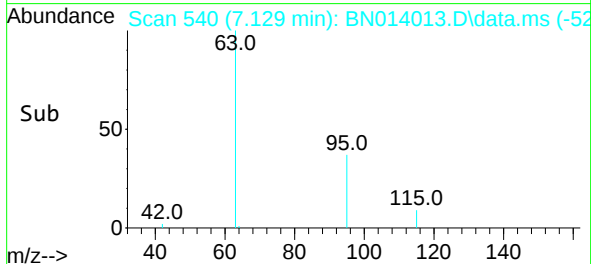
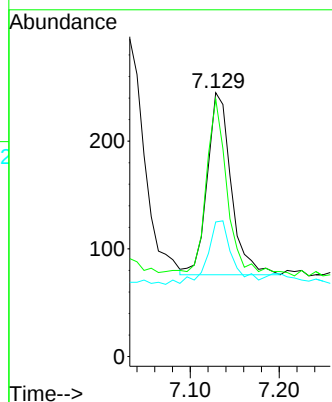
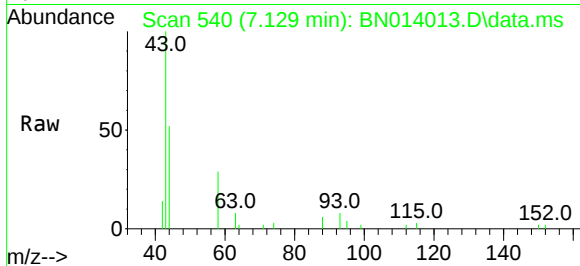




#6
bis(2-Chloroethyl)ether
Concen: 0.02 ng
RT: 7.129 min Scan# 540
Delta R.T. -0.008 min
Lab File: BN014013.D
Acq: 22 Mar 2021 15:19

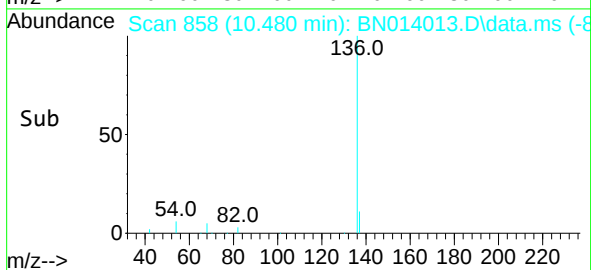
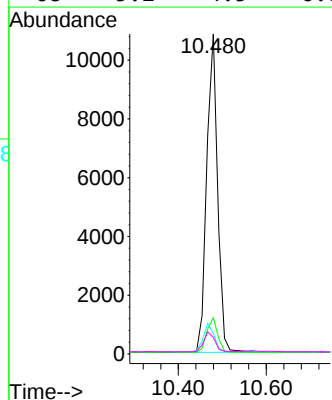
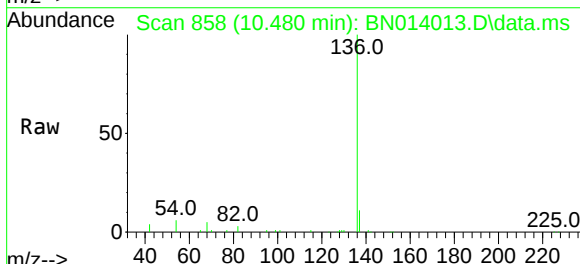
Instrument :
BNA_N
ClientSampleId :
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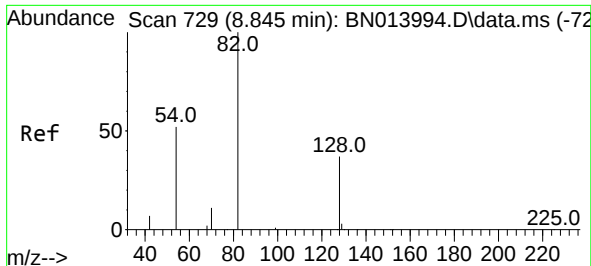
Tgt Ion:	93	Resp:	316
Ion	Ratio	Lower	Upper
93	100		
63	88.0	60.8	91.2
95	36.7	26.0	39.0



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.480 min Scan# 858
Delta R.T. 0.000 min
Lab File: BN014013.D
Acq: 22 Mar 2021 15:19

Tgt Ion:	136	Resp:	18598
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.6
54	6.4	6.4	9.6
68	5.2	4.5	6.7

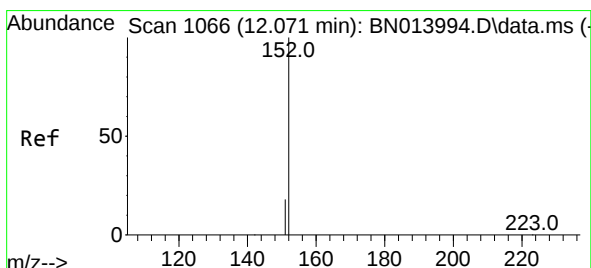
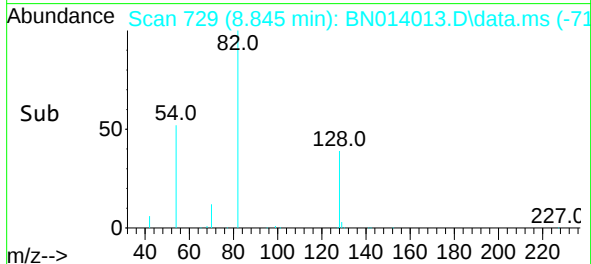
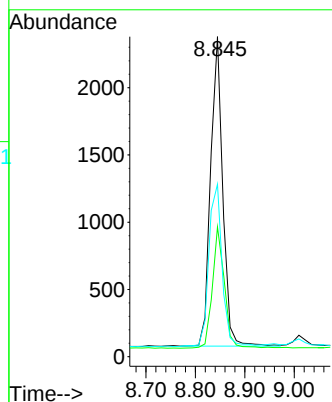
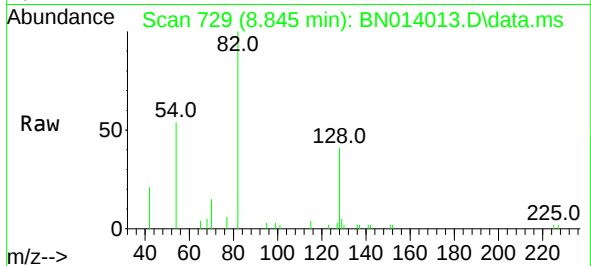




#8
Nitrobenzene-d5
Concen: 0.32 ng
RT: 8.845 min Scan# 729
Delta R.T. 0.000 min
Lab File: BN014013.D
Acq: 22 Mar 2021 15:19

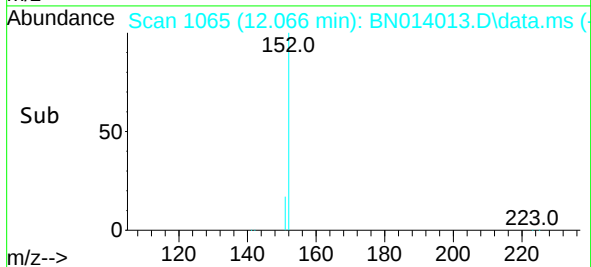
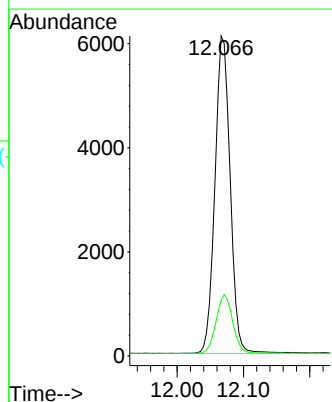
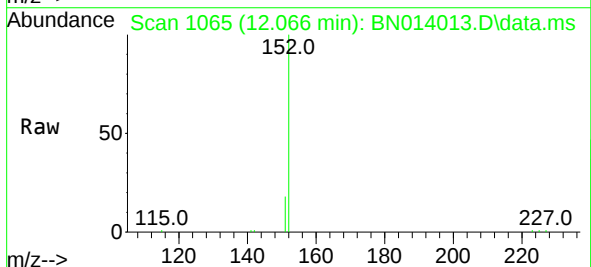
Instrument :
BNA_N
ClientSampleId :
RE120D1-20210317

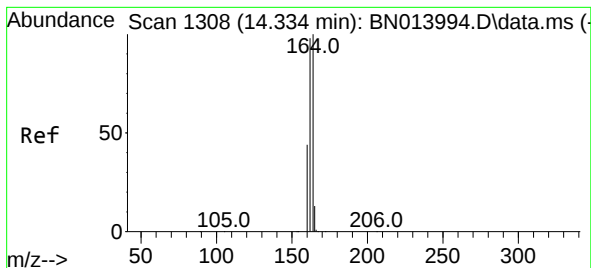
Tgt Ion: 82 Resp: 3941
Ion Ratio Lower Upper
82 100
128 40.6 39.2 58.8
54 53.9 40.1 60.1



#11
2-Methylnaphthalene-d10
Concen: 0.33 ng
RT: 12.066 min Scan# 1065
Delta R.T. -0.004 min
Lab File: BN014013.D
Acq: 22 Mar 2021 15:19

Tgt Ion: 152 Resp: 9707
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.2

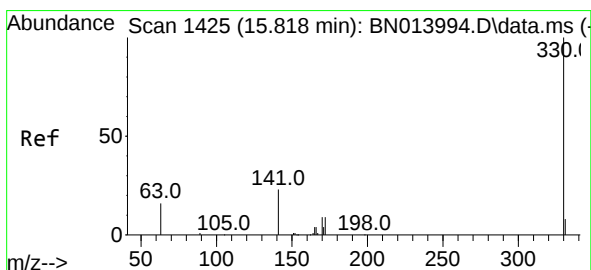
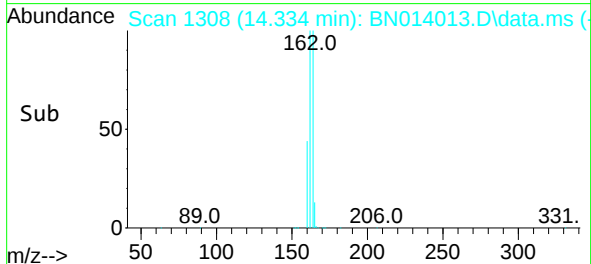
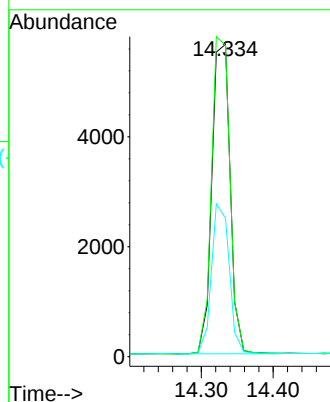
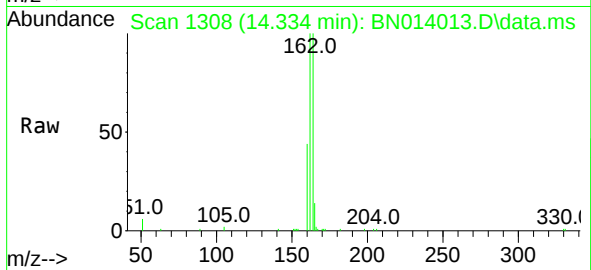




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.334 min Scan# 1308
Delta R.T. 0.000 min
Lab File: BN014013.D
Acq: 22 Mar 2021 15:19

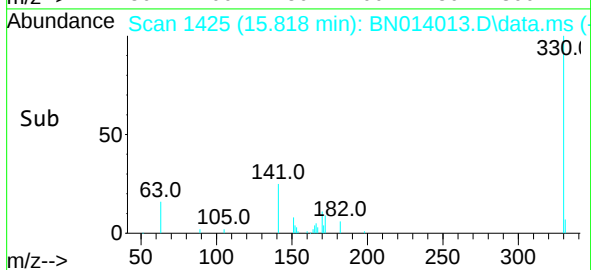
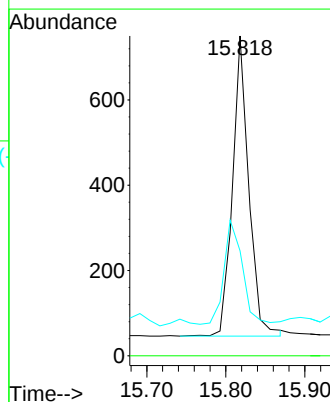
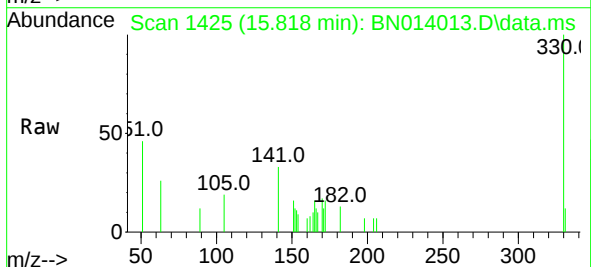
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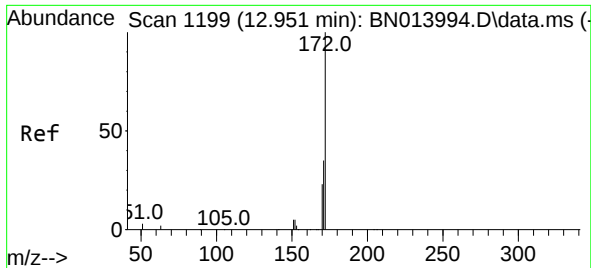
Tgt Ion:164 Resp: 9979
Ion Ratio Lower Upper
164 100
162 99.7 79.6 119.4
160 44.4 36.0 54.0



#14
2,4,6-Tribromophenol
Concen: 0.31 ng
RT: 15.818 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BN014013.D
Acq: 22 Mar 2021 15:19

Tgt Ion:330 Resp: 1011
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 38.7 26.8 40.2

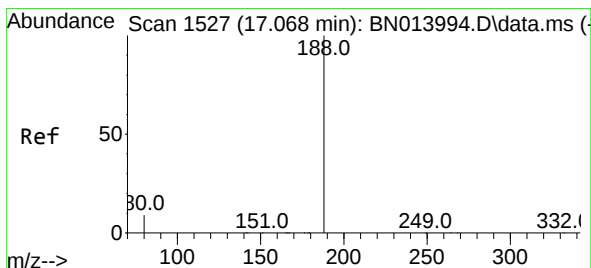
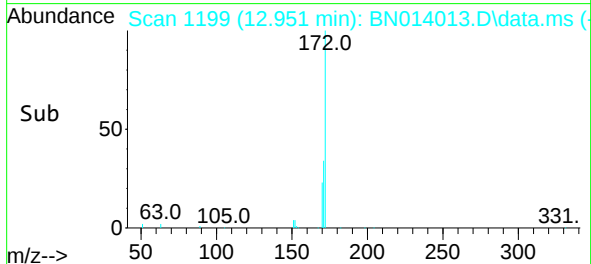
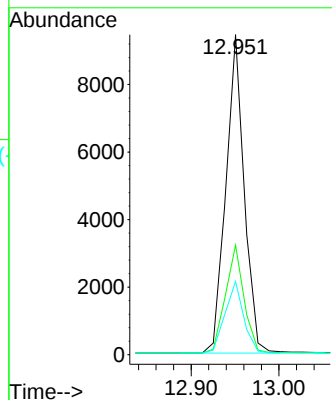
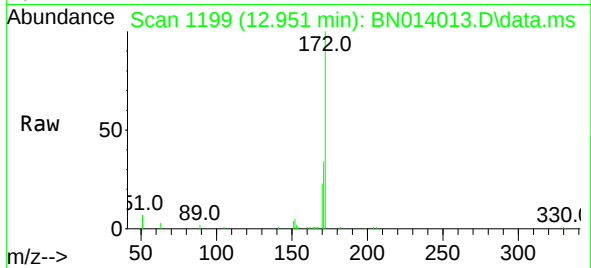




#15
2-Fluorobiphenyl
Concen: 0.37 ng
RT: 12.951 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BN014013.D
Acq: 22 Mar 2021 15:19

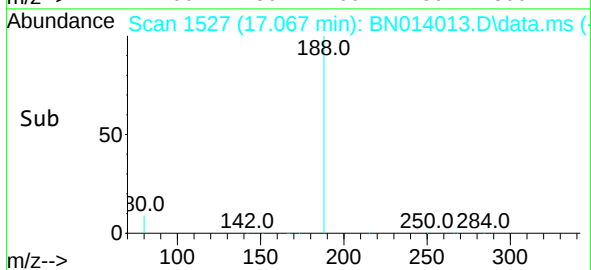
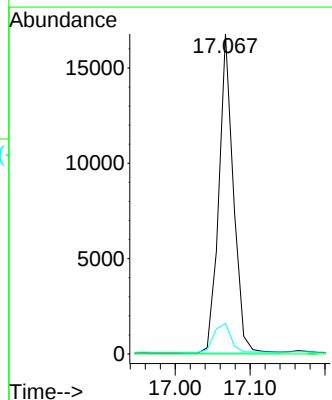
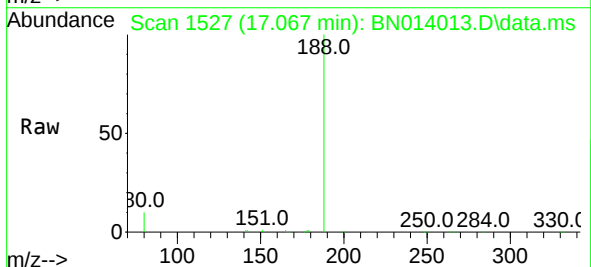
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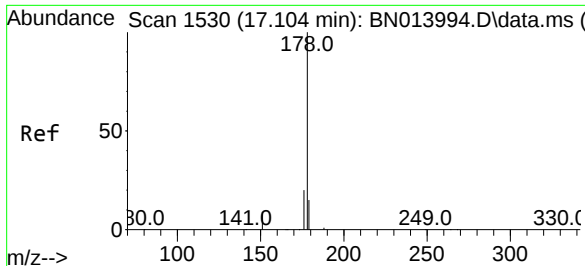
Tgt Ion:	172	Resp:	13667
Ion Ratio	Lower	Upper	
172	100		
171	34.3	28.6	42.8
170	22.9	18.9	28.3



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.067 min Scan# 1527
Delta R.T. -0.000 min
Lab File: BN014013.D
Acq: 22 Mar 2021 15:19

Tgt Ion:	188	Resp:	22571
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	9.6	9.0	13.6

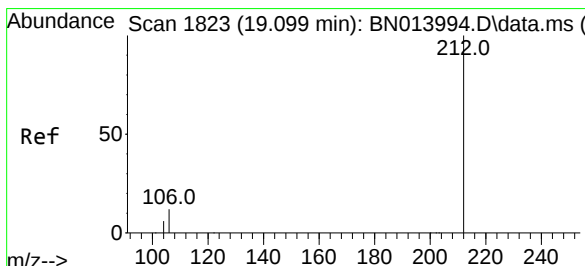
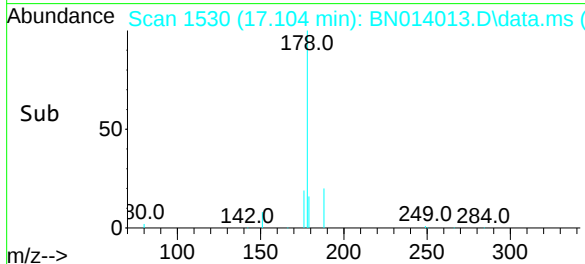
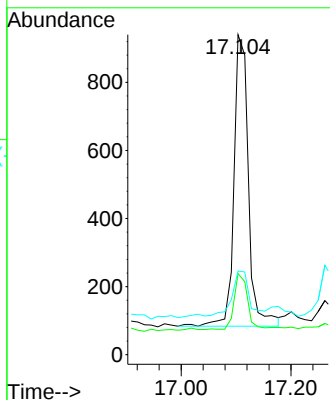
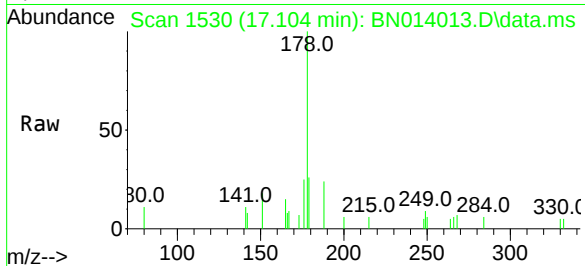




#25
Phenanthrene
Concen: 0.03 ng
RT: 17.104 min Scan# 1530
Delta R.T. -0.000 min
Lab File: BN014013.D
Acq: 22 Mar 2021 15:19

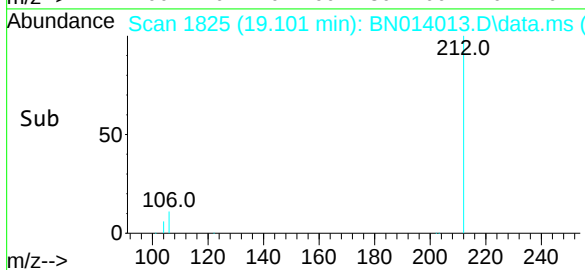
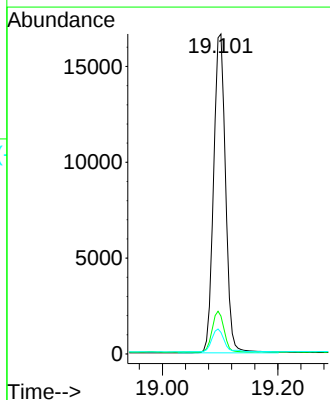
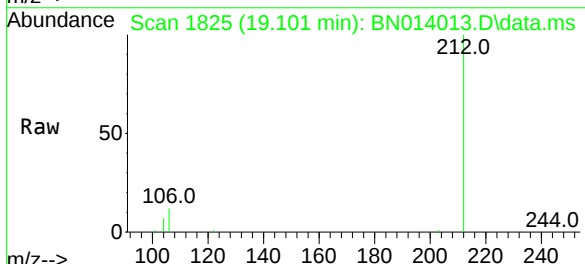
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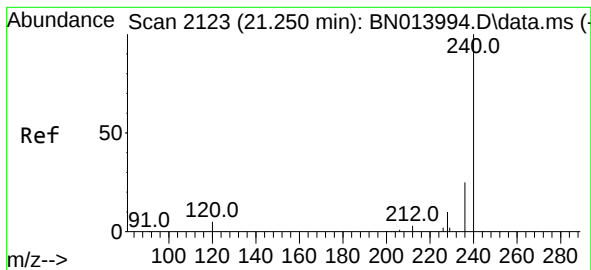
Tgt Ion:	178	Resp:	1565
Ion Ratio	Lower	Upper	
178	100		
176	18.1	15.0	22.4
179	18.0	12.3	18.5



#27
Fluoranthene-d10
Concen: 0.38 ng
RT: 19.101 min Scan# 1825
Delta R.T. 0.002 min
Lab File: BN014013.D
Acq: 22 Mar 2021 15:19

Tgt Ion:	212	Resp:	23902
Ion Ratio	Lower	Upper	
212	100		
106	12.7	9.7	14.5
104	7.5	5.5	8.3





#29

Chrysene-d12

Concen: 0.40 ng

RT: 21.247 min Scan# 2124

Delta R.T. -0.003 min

Lab File: BN014013.D

Acq: 22 Mar 2021 15:19

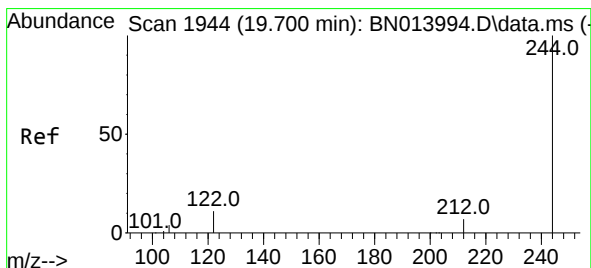
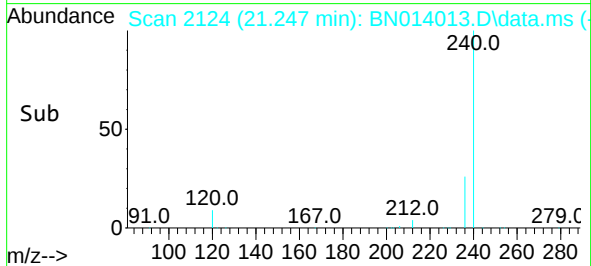
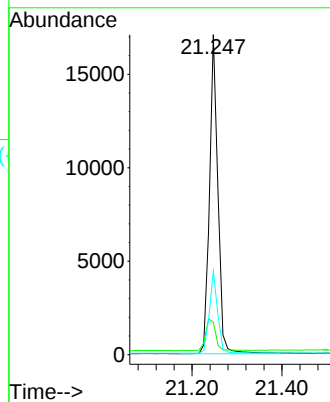
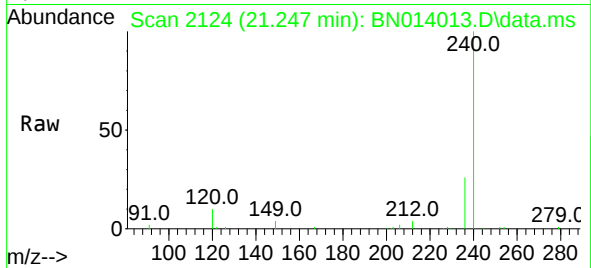
Tgt Ion:240 Resp: 22028

Ion Ratio Lower Upper

240 100

120 10.2 10.2 15.4#

236 26.1 21.3 31.9



#31

Terphenyl-d14

Concen: 0.43 ng

RT: 19.697 min Scan# 1945

Delta R.T. -0.003 min

Lab File: BN014013.D

Acq: 22 Mar 2021 15:19

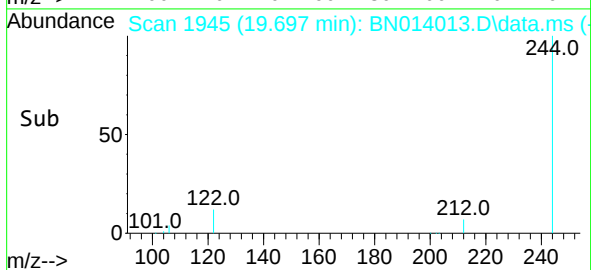
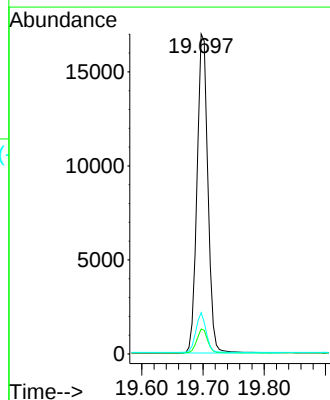
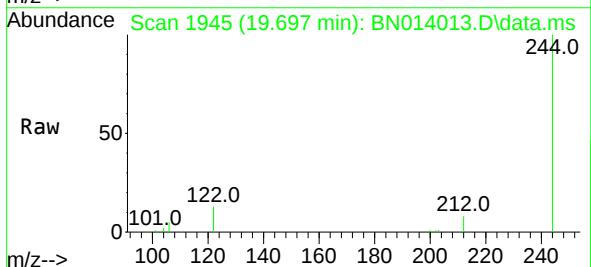
Tgt Ion:244 Resp: 20903

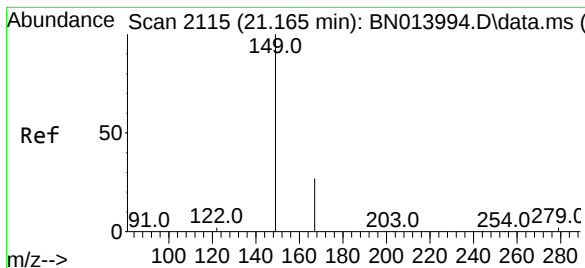
Ion Ratio Lower Upper

244 100

212 7.8 6.1 9.1

122 12.9 9.8 14.8

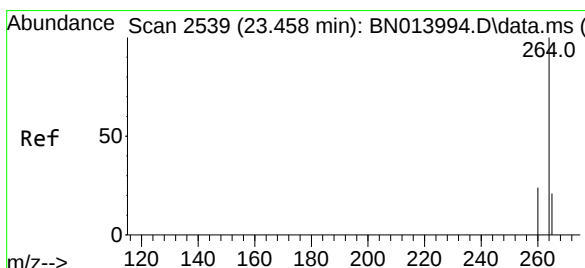
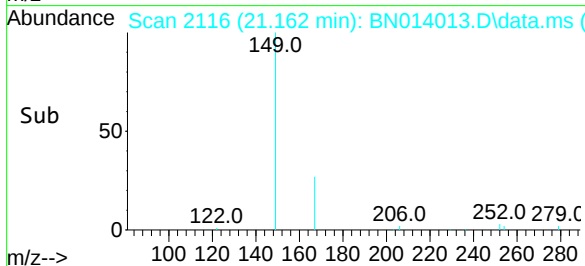
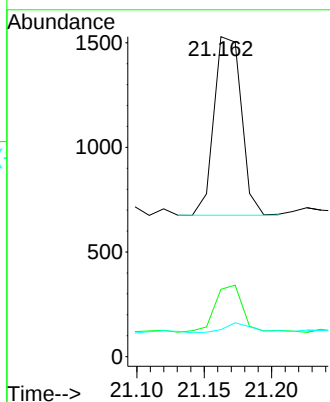
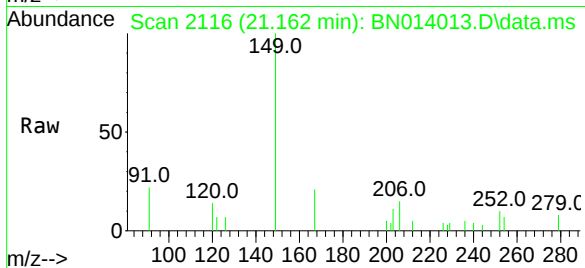




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.05 ng
 RT: 21.162 min Scan# 2116
 Delta R.T. -0.003 min
 Lab File: BN014013.D
 Acq: 22 Mar 2021 15:19

Instrument :
 BNA_N
 ClientSampleId :
 RE120D1-20210317

Tgt Ion:149 Resp: 1205
 Ion Ratio Lower Upper
 149 100
 167 26.9 22.1 33.1
 279 6.3 3.5 5.3#



#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.463 min Scan# 2542
 Delta R.T. 0.004 min
 Lab File: BN014013.D
 Acq: 22 Mar 2021 15:19

Tgt Ion:264 Resp: 20708
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.3 28.9
 265 34.9 66.2 99.4#

