

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032221\
 Data File : BN014023.D
 Acq On : 22 Mar 2021 21:18
 Operator : CG/JU
 Sample : M1735-18
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE131D1-20210317

Quant Time: Mar 23 00:21:21 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)

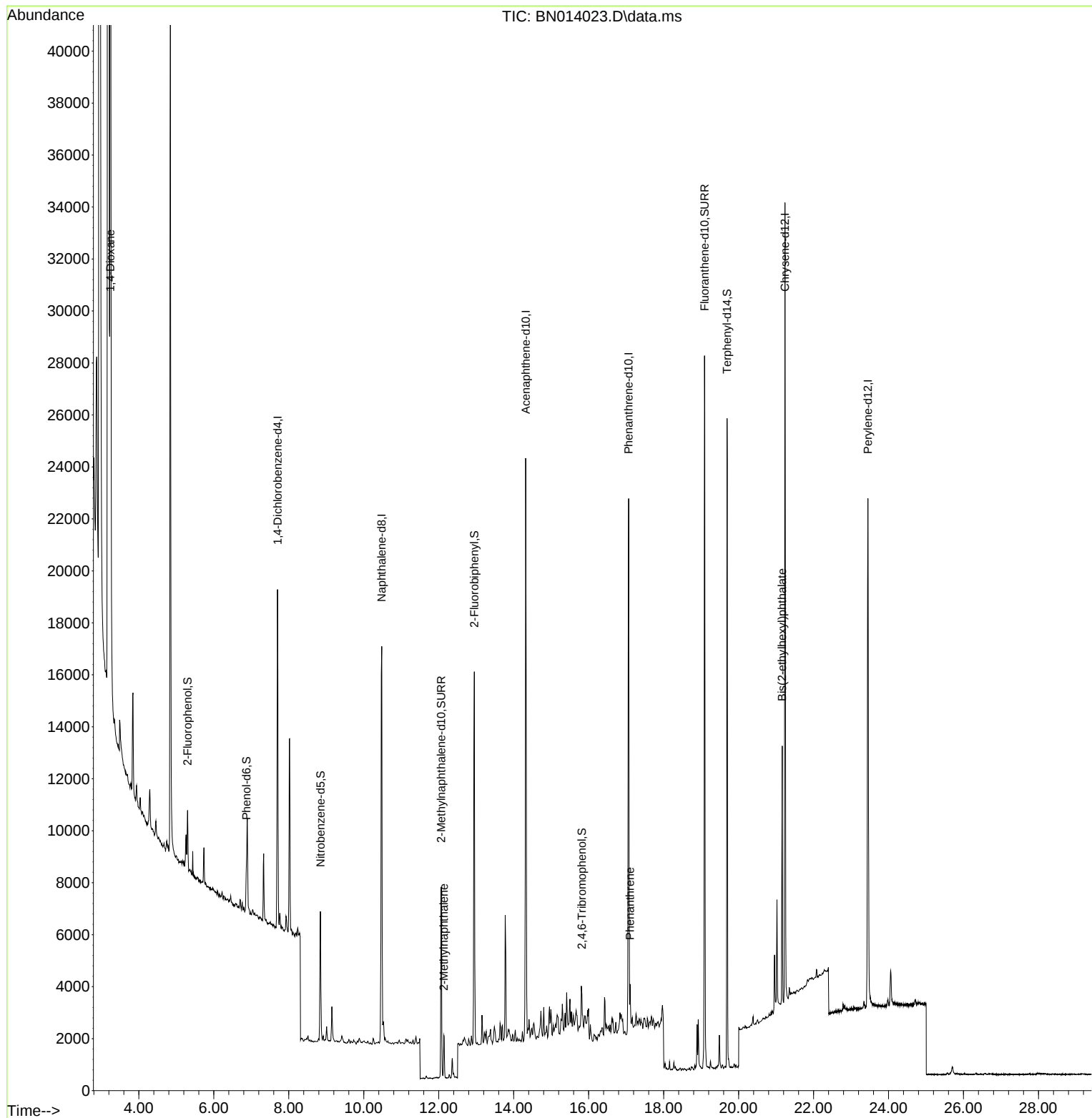
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.700	152	5852	0.40	ng	0.00
7) Naphthalene-d8	10.480	136	21775	0.40	ng	# 0.00
13) Acenaphthene-d10	14.321	164	12641	0.40	ng	-0.01
19) Phenanthrene-d10	17.067	188	28544	0.40	ng	# 0.00
29) Chrysene-d12	21.237	240	27987	0.40	ng	-0.01
36) Perylene-d12	23.449	264	25582	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.300	112	1711	0.13	ng	0.00
5) Phenol-d6	6.871	99	1206	0.07	ng	0.00
8) Nitrobenzene-d5	8.845	82	4111	0.29	ng	0.00
11) 2-Methylnaphthalene-d10	12.066	152	9780	0.29	ng	0.00
14) 2,4,6-Tribromophenol	15.818	330	1053	0.26	ng	0.00
15) 2-Fluorobiphenyl	12.950	172	13251	0.28	ng	0.00
27) Fluoranthene-d10	19.091	212	30293	0.38	ng	0.00
31) Terphenyl-d14	19.692	244	24986	0.41	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.239	88	47866	6.21	ng	Qvalue 97
12) 2-Methylnaphthalene	12.137	142	1152	0.03	ng	# 93
25) Phenanthrene	17.103	178	1837	0.02	ng	# 88
34) Bis(2-ethylhexyl)phtha...	21.162	149	8286	0.28	ng	100

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

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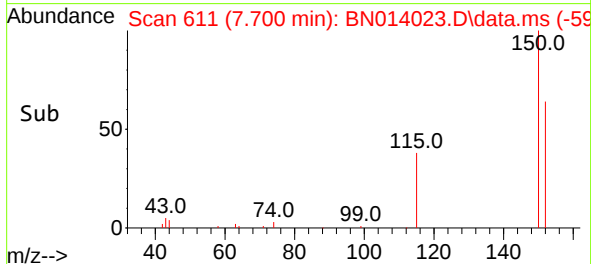
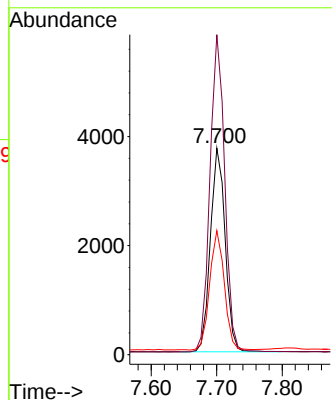
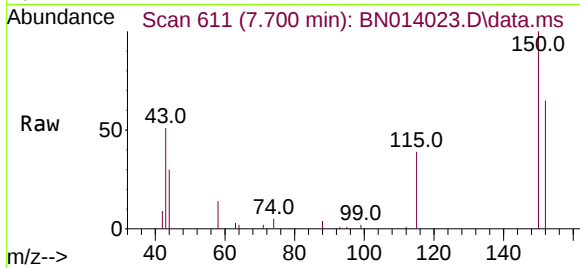




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.700 min Scan# 611
 Delta R.T. 0.000 min
 Lab File: BN014023.D
 Acq: 22 Mar 2021 21:18

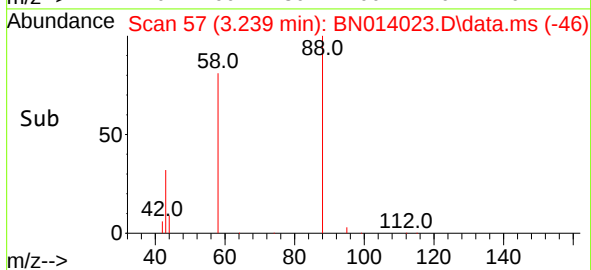
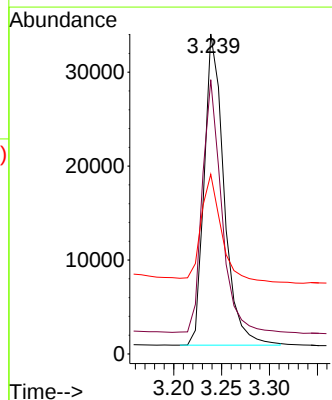
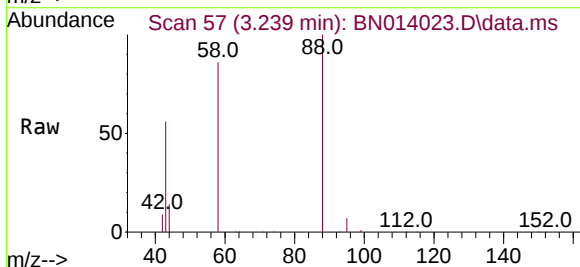
Instrument :
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 ClientSampleId :
 RE131D1-20210317

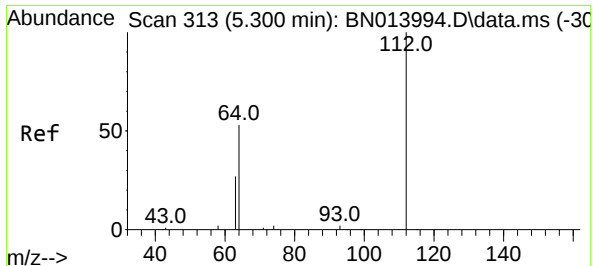
Tgt Ion:152 Resp: 5852
 Ion Ratio Lower Upper
 152 100
 150 154.9 121.8 182.8
 115 60.0 46.6 69.8



#2
 1,4-Dioxane
 Concen: 6.21 ng
 RT: 3.239 min Scan# 57
 Delta R.T. -0.008 min
 Lab File: BN014023.D
 Acq: 22 Mar 2021 21:18

Tgt Ion: 88 Resp: 47866
 Ion Ratio Lower Upper
 88 100
 58 78.5 64.6 96.8
 43 35.3 26.6 40.0

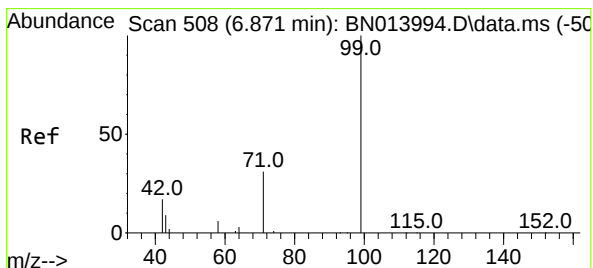
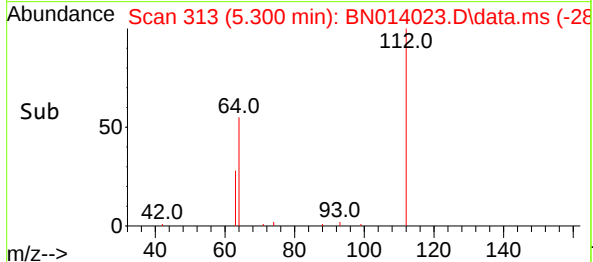
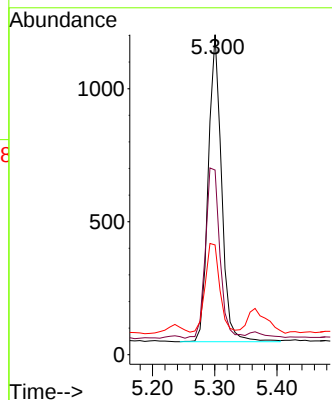
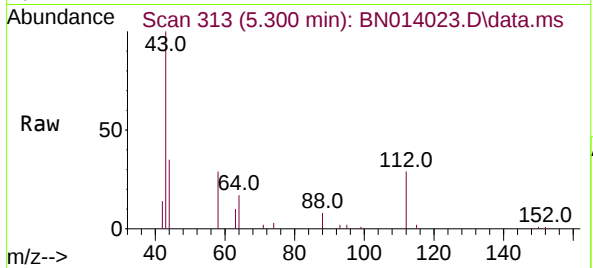




#4
2-Fluorophenol
Concen: 0.13 ng
RT: 5.300 min Scan# 313
Delta R.T. -0.000 min
Lab File: BN014023.D
Acq: 22 Mar 2021 21:18

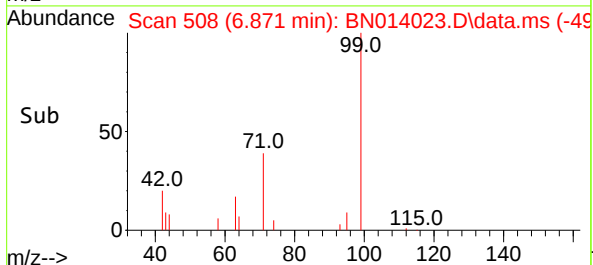
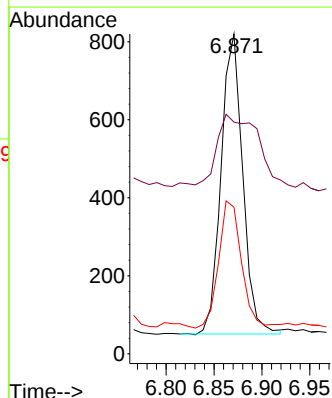
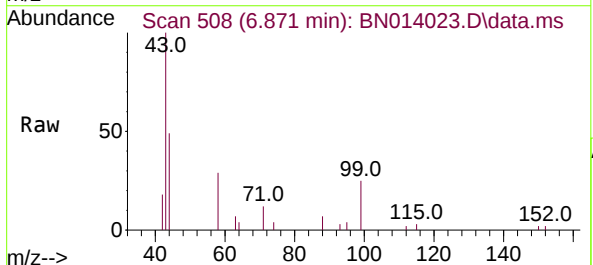
Instrument :
BNA_N
ClientSampleId :
RE131D1-20210317

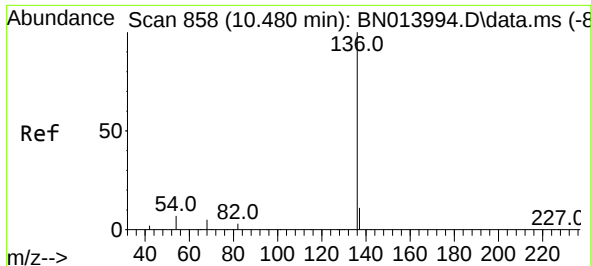
Tgt Ion:	112	Resp:	1711
Ion	Ratio	Lower	Upper
112	100		
64	60.2	44.3	66.5
63	32.4	23.0	34.6



#5
Phenol-d6
Concen: 0.07 ng
RT: 6.871 min Scan# 508
Delta R.T. -0.000 min
Lab File: BN014023.D
Acq: 22 Mar 2021 21:18

Tgt Ion:	99	Resp:	1206
Ion	Ratio	Lower	Upper
99	100		
42	55.7	15.2	22.8#
71	44.7	26.1	39.1#

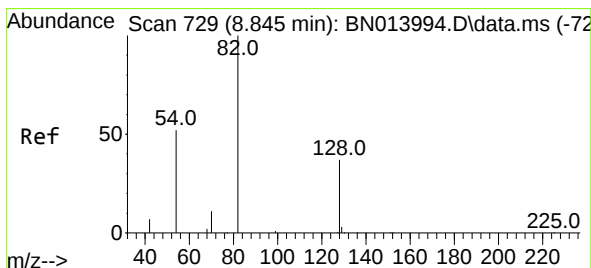
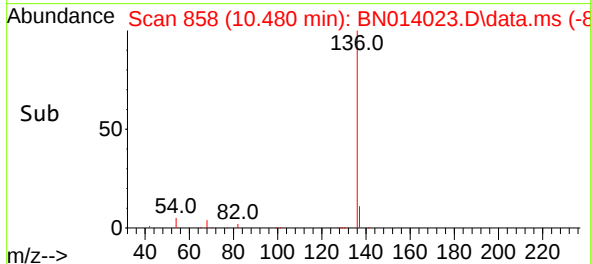
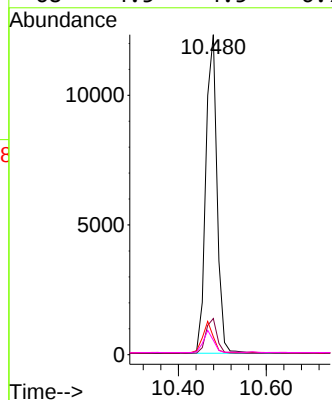
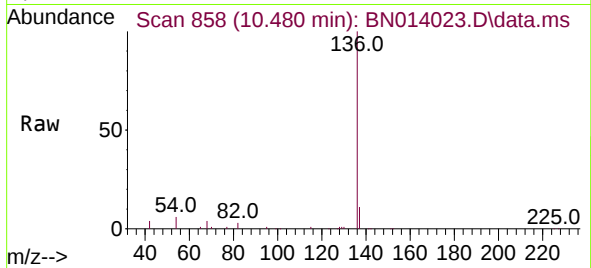




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.480 min Scan# 858
Delta R.T. -0.000 min
Lab File: BN014023.D
Acq: 22 Mar 2021 21:18

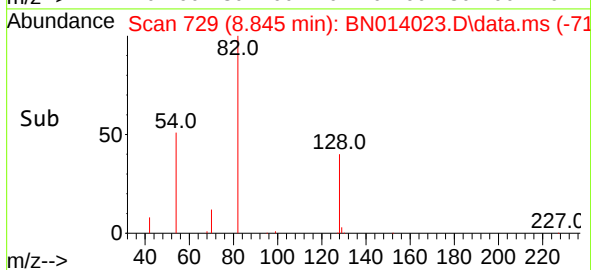
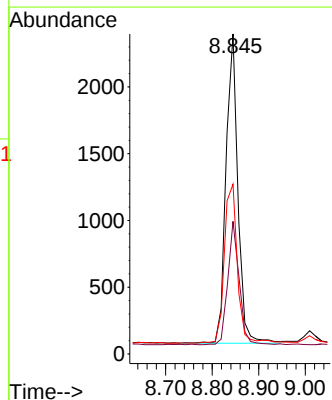
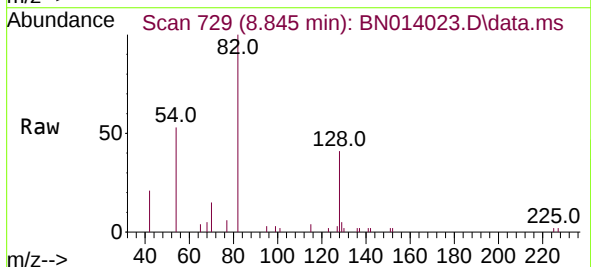
Instrument :
BNA_N
ClientSampleId :
RE131D1-20210317

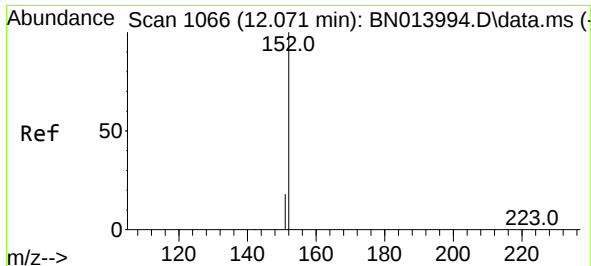
Tgt Ion:	136	Resp:	21775
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.6
54	5.6	6.4	9.6#
68	4.5	4.5	6.7



#8
Nitrobenzene-d5
Concen: 0.29 ng
RT: 8.845 min Scan# 729
Delta R.T. -0.000 min
Lab File: BN014023.D
Acq: 22 Mar 2021 21:18

Tgt Ion:	82	Resp:	4111
Ion	Ratio	Lower	Upper
82	100		
128	41.5	39.2	58.8
54	53.1	40.1	60.1

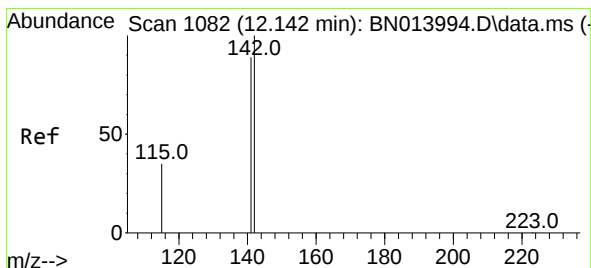
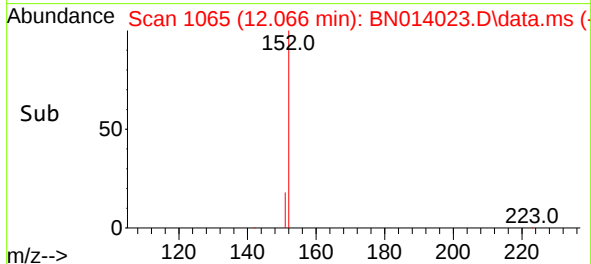
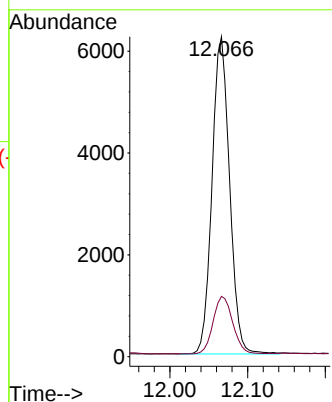
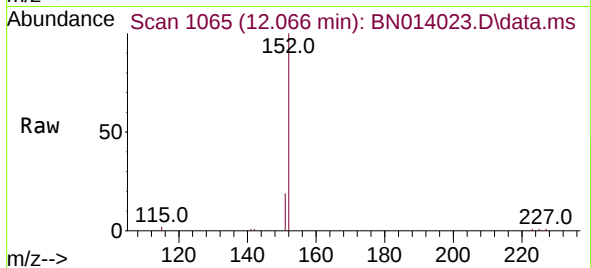




#11
2-Methylnaphthalene-d10
Concen: 0.29 ng
RT: 12.066 min Scan# 1065
Delta R.T. -0.005 min
Lab File: BN014023.D
Acq: 22 Mar 2021 21:18

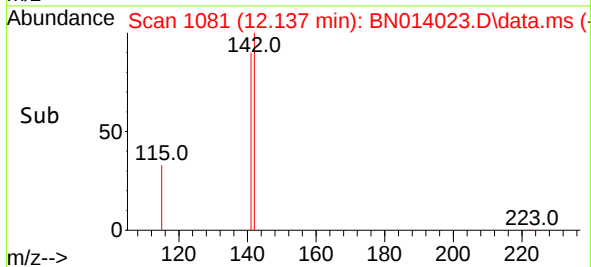
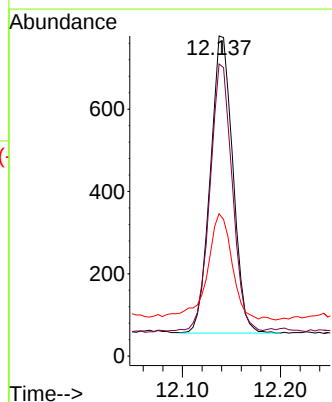
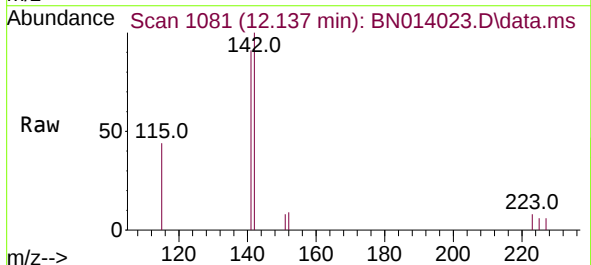
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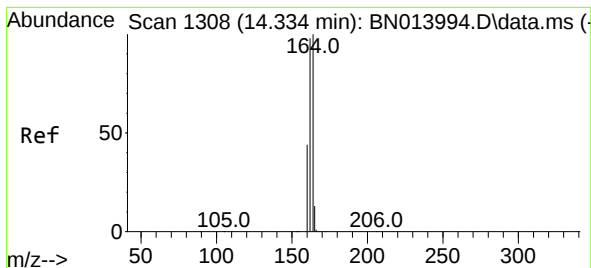
Tgt Ion:152 Resp: 9780
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.2



#12
2-Methylnaphthalene
Concen: 0.03 ng
RT: 12.137 min Scan# 1081
Delta R.T. -0.005 min
Lab File: BN014023.D
Acq: 22 Mar 2021 21:18

Tgt Ion:142 Resp: 1152
Ion Ratio Lower Upper
142 100
141 91.3 70.5 105.7
115 44.5 27.4 41.0#

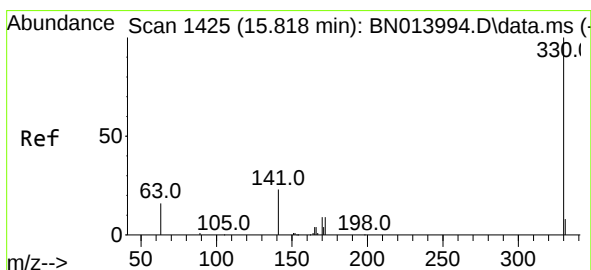
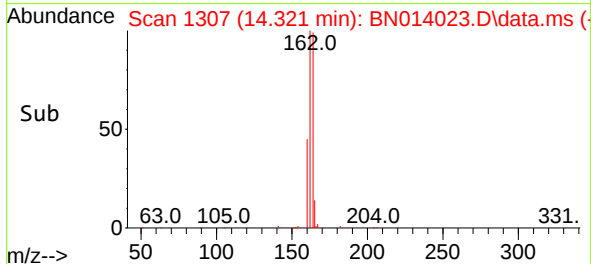
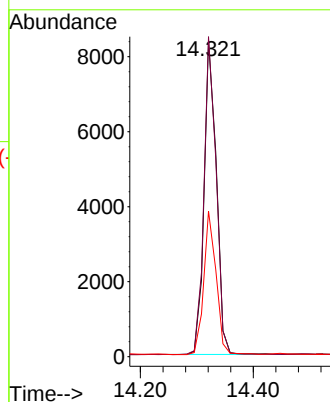
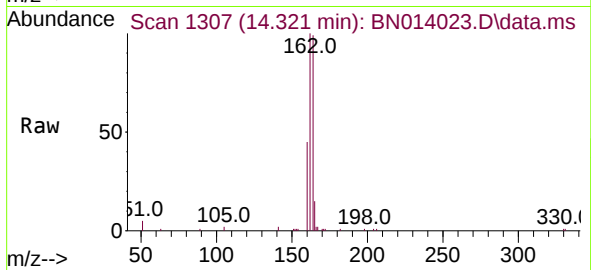




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.321 min Scan# 1307
Delta R.T. -0.013 min
Lab File: BN014023.D
Acq: 22 Mar 2021 21:18

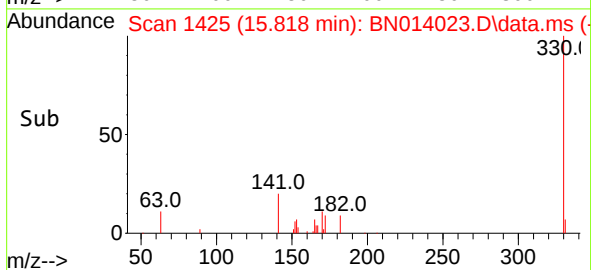
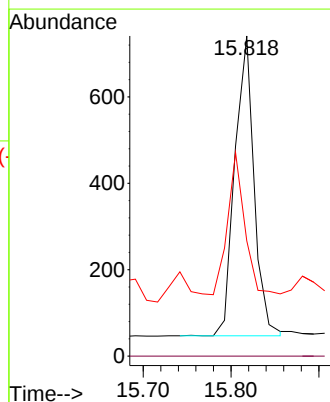
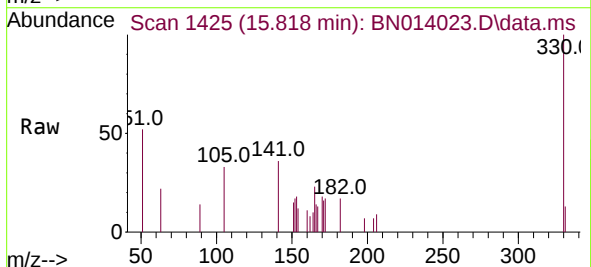
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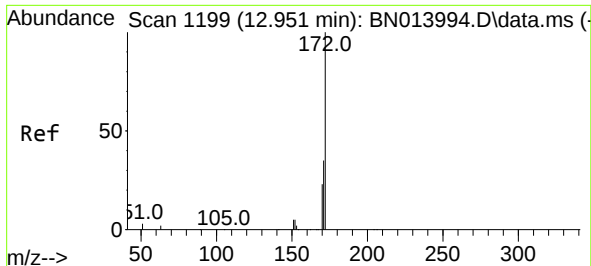
Tgt Ion:164 Resp: 12641
Ion Ratio Lower Upper
164 100
162 101.2 79.6 119.4
160 46.0 36.0 54.0



#14
2,4,6-Tribromophenol
Concen: 0.26 ng
RT: 15.818 min Scan# 1425
Delta R.T. -0.000 min
Lab File: BN014023.D
Acq: 22 Mar 2021 21:18

Tgt Ion:330 Resp: 1053
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 42.1 26.8 40.2#

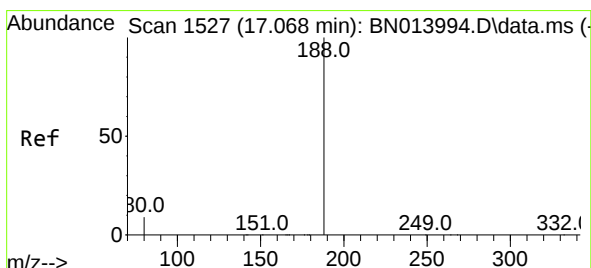
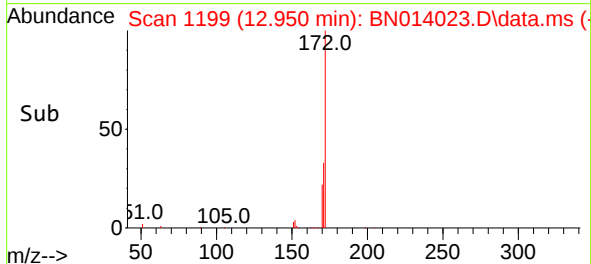
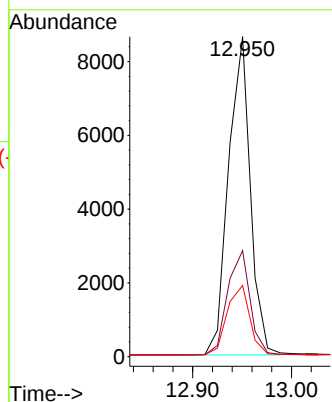
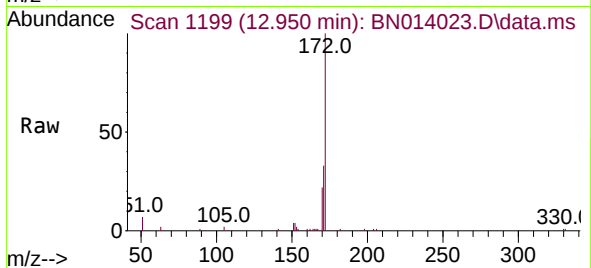




#15
2-Fluorobiphenyl
Concen: 0.28 ng
RT: 12.950 min Scan# 1199
Delta R.T. -0.000 min
Lab File: BN014023.D
Acq: 22 Mar 2021 21:18

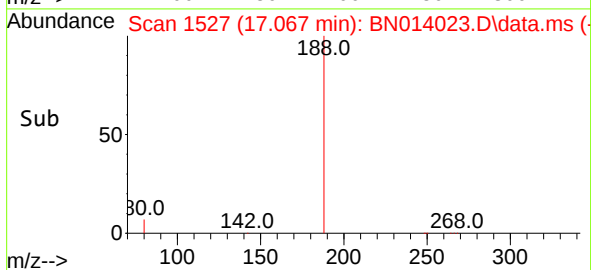
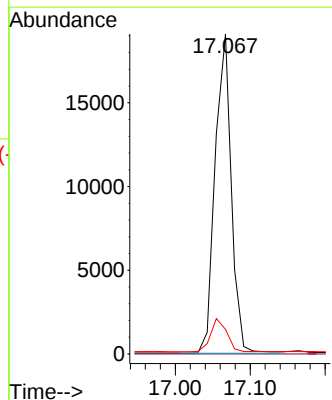
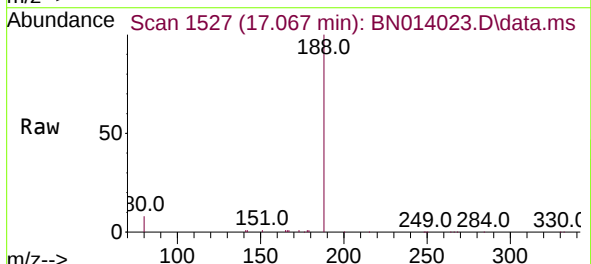
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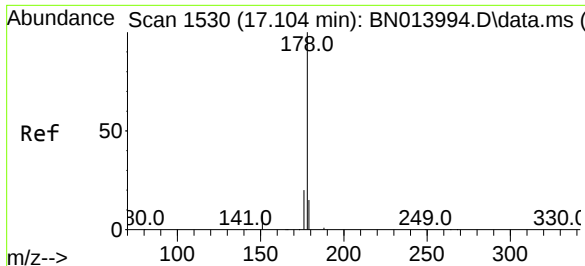
Tgt Ion:172	Resp:	13251
Ion Ratio	Lower	Upper
172	100	
171	33.2	28.6 42.8
170	22.2	18.9 28.3



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.067 min Scan# 1527
Delta R.T. -0.001 min
Lab File: BN014023.D
Acq: 22 Mar 2021 21:18

Tgt Ion:188	Resp:	28544
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0 0.0
80	7.7	9.0 13.6#

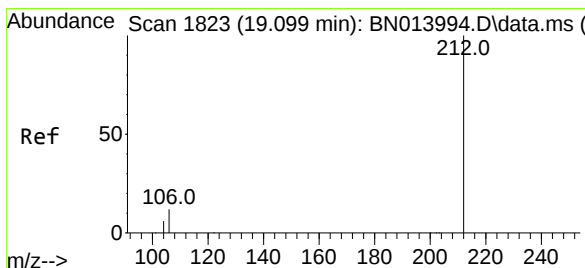
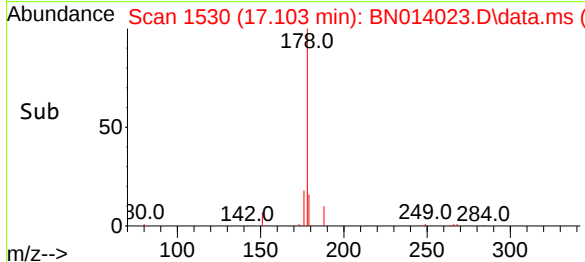
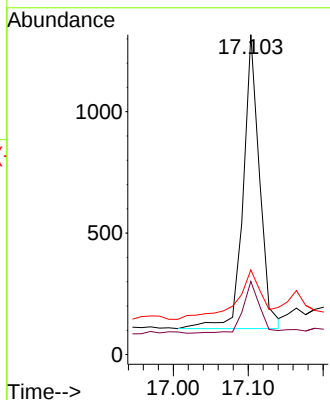
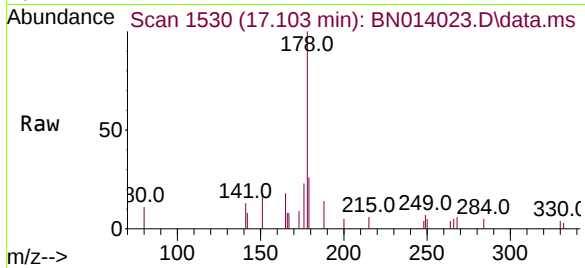




#25
Phenanthrene
Concen: 0.02 ng
RT: 17.103 min Scan# 1530
Delta R.T. -0.001 min
Lab File: BN014023.D
Acq: 22 Mar 2021 21:18

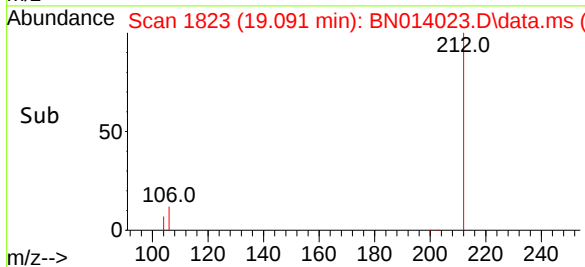
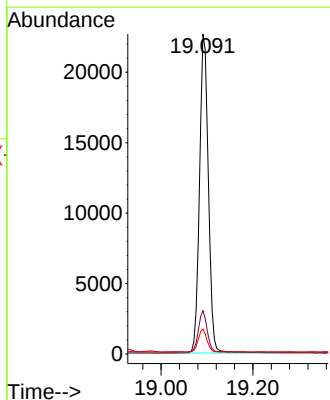
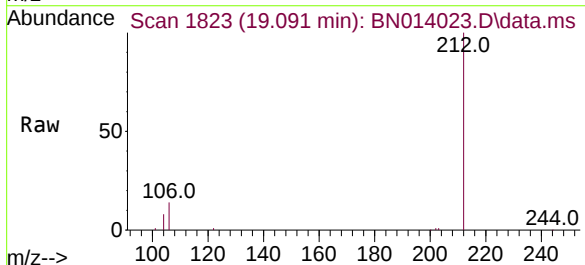
Instrument :
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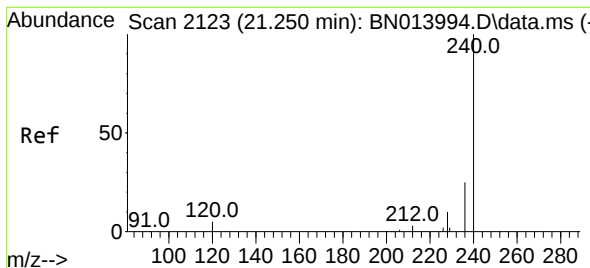
Tgt Ion:178 Resp: 1837
Ion Ratio Lower Upper
178 100
176 17.5 15.0 22.4
179 25.3 12.3 18.5#



#27
Fluoranthene-d10
Concen: 0.38 ng
RT: 19.091 min Scan# 1823
Delta R.T. -0.008 min
Lab File: BN014023.D
Acq: 22 Mar 2021 21:18

Tgt Ion:212 Resp: 30293
Ion Ratio Lower Upper
212 100
106 12.6 9.7 14.5
104 7.1 5.5 8.3





#29

Chrysene-d12

Concen: 0.40 ng

RT: 21.237 min Scan# 2123

Delta R.T. -0.013 min

Lab File: BN014023.D

Acq: 22 Mar 2021 21:18

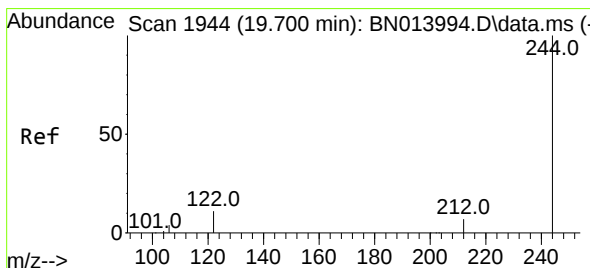
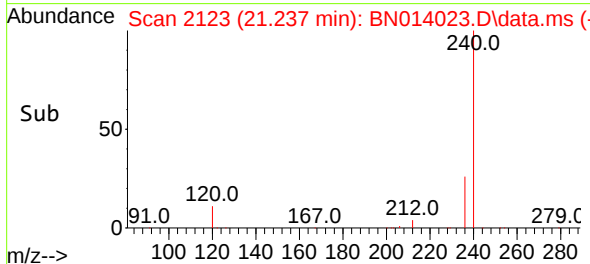
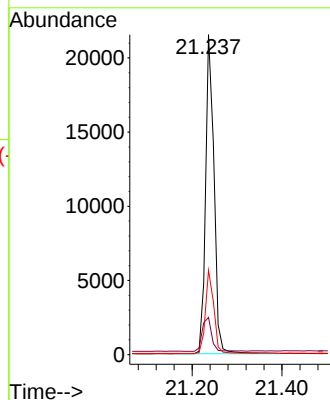
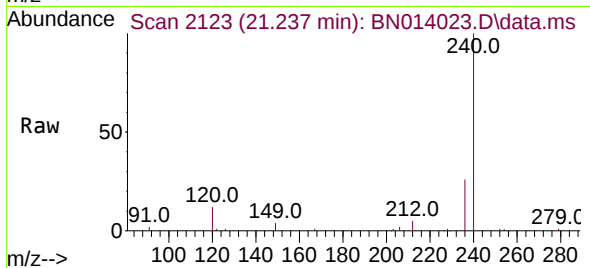
Tgt Ion:240 Resp: 27987

Ion Ratio Lower Upper

240 100

120 11.7 10.2 15.4

236 26.4 21.3 31.9



#31

Terphenyl-d14

Concen: 0.41 ng

RT: 19.692 min Scan# 1944

Delta R.T. -0.008 min

Lab File: BN014023.D

Acq: 22 Mar 2021 21:18

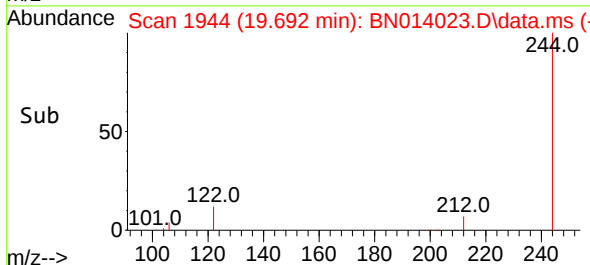
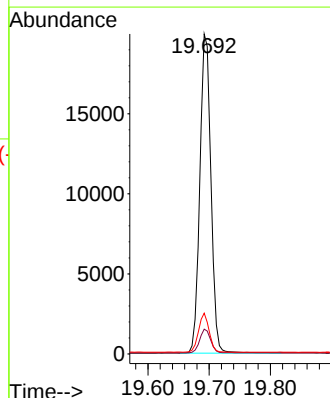
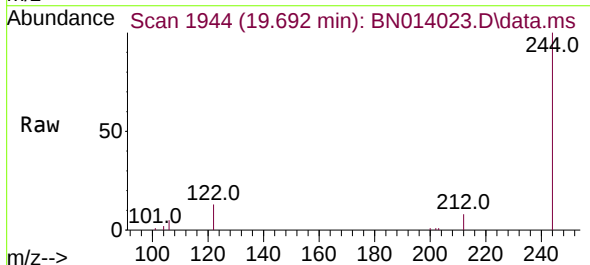
Tgt Ion:244 Resp: 24986

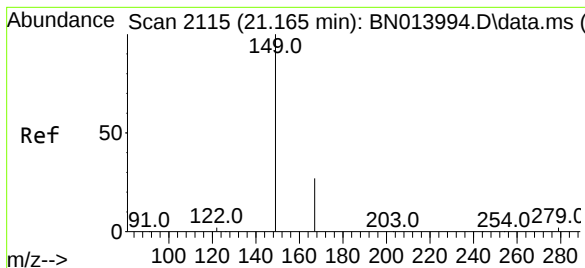
Ion Ratio Lower Upper

244 100

212 7.7 6.1 9.1

122 12.7 9.8 14.8

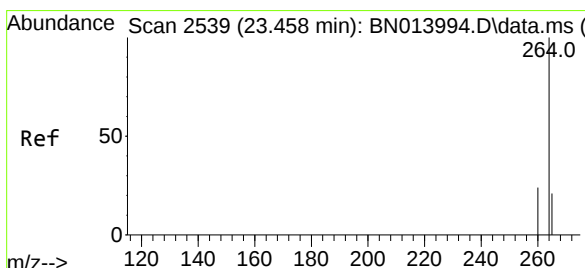
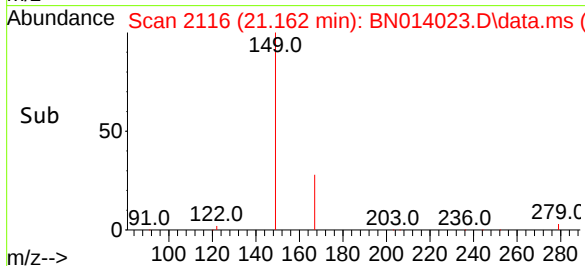
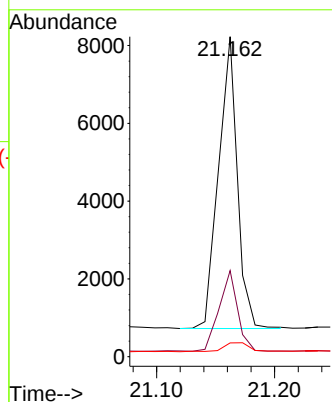
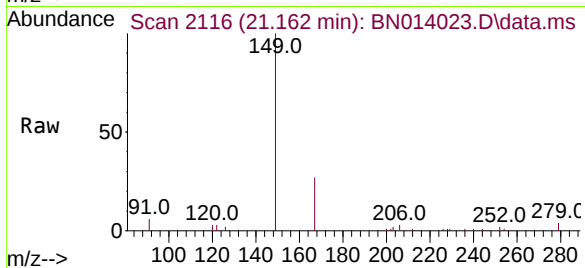




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.28 ng
 RT: 21.162 min Scan# 2116
 Delta R.T. -0.003 min
 Lab File: BN014023.D
 Acq: 22 Mar 2021 21:18

Instrument :
 BNA_N
 ClientSampleId :
 RE131D1-20210317

Tgt Ion:	149	Resp:	8286
Ion Ratio	Lower	Upper	
149	100		
167	27.4	22.1	33.1
279	4.3	3.5	5.3



#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.449 min Scan# 2538
 Delta R.T. -0.010 min
 Lab File: BN014023.D
 Acq: 22 Mar 2021 21:18

Tgt Ion:	264	Resp:	25582
Ion Ratio	Lower	Upper	
264	100		
260	24.8	19.3	28.9
265	32.4	66.2	99.4#

