

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032221\
 Data File : BN014016.D
 Acq On : 22 Mar 2021 17:07
 Operator : CG/JU
 Sample : M1736-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP02-20210317

Quant Time: Mar 22 17:39:54 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)

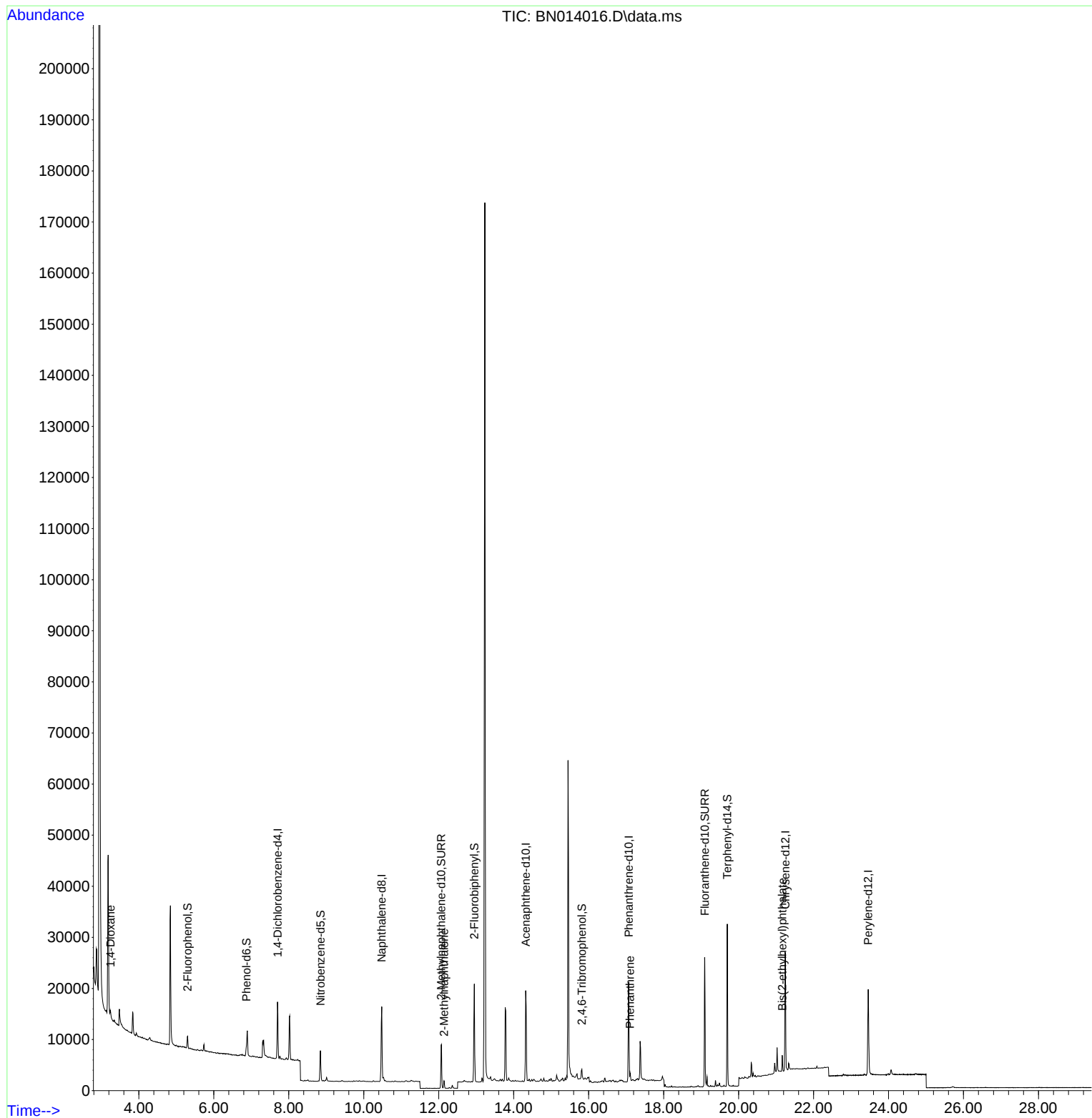
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.700	152	5241	0.40	ng	0.00
7) Naphthalene-d8	10.480	136	19652	0.40	ng	0.00
13) Acenaphthene-d10	14.321	164	11063	0.40	ng	-0.01
19) Phenanthrene-d10	17.068	188	24679	0.40	ng	# 0.00
29) Chrysene-d12	21.250	240	25359	0.40	ng	# 0.00
36) Perylene-d12	23.458	264	22905	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.300	112	1863	0.15	ng	0.00
5) Phenol-d6	6.871	99	1356	0.09	ng	0.00
8) Nitrobenzene-d5	8.845	82	4747	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.066	152	11392	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.818	330	1456	0.40	ng	0.00
15) 2-Fluorobiphenyl	12.951	172	16139	0.39	ng	0.00
27) Fluoranthene-d10	19.099	212	28882	0.42	ng	0.00
31) Terphenyl-d14	19.700	244	31824	0.57	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.247	88	976	0.14	ng	# 64
12) 2-Methylnaphthalene	12.142	142	1028	0.03	ng	# 92
25) Phenanthrene	17.104	178	1800	0.03	ng	# 92
34) Bis(2-ethylhexyl)phtha...	21.165	149	2629	0.10	ng	97

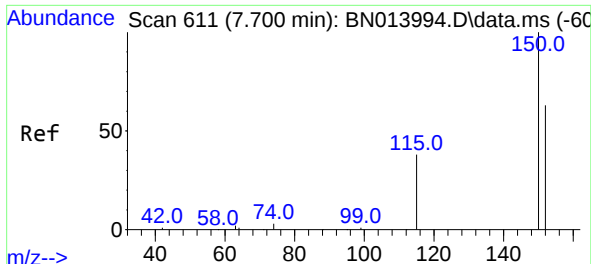
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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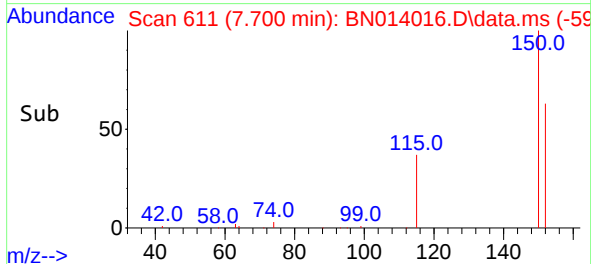
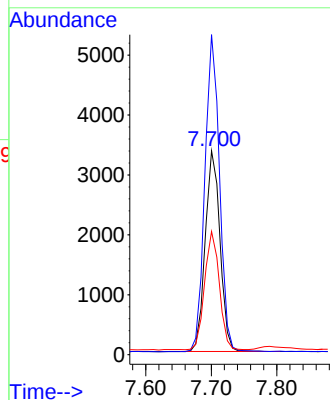
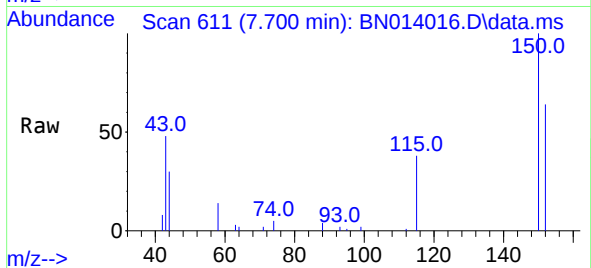


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.700 min Scan# 611
 Delta R.T. 0.000 min
 Lab File: BN014016.D
 Acq: 22 Mar 2021 17:07

Instrument :
 BNA_N
 ClientSampleId :
 DUP02-20210317

Tgt Ion:152 Resp: 5241

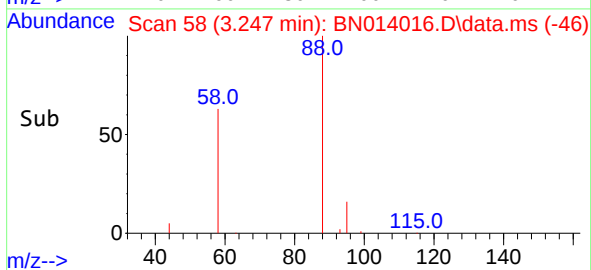
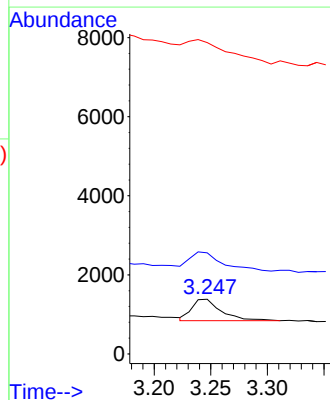
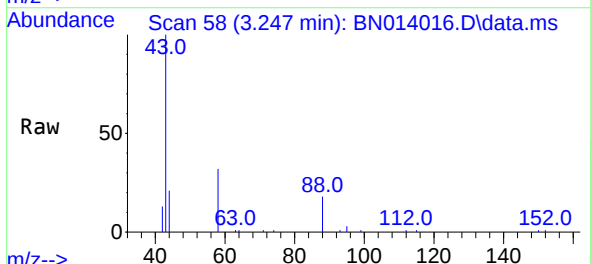
Ion	Ratio	Lower	Upper
152	100		
150	156.9	121.8	182.8
115	60.4	46.6	69.8

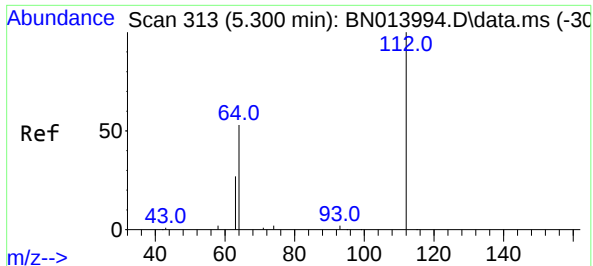


#2
 1,4-Dioxane
 Concen: 0.14 ng
 RT: 3.247 min Scan# 58
 Delta R.T. 0.000 min
 Lab File: BN014016.D
 Acq: 22 Mar 2021 17:07

Tgt Ion: 88 Resp: 976

Ion	Ratio	Lower	Upper
88	100		
58	103.8	64.6	96.8#
43	0.0	26.6	40.0#



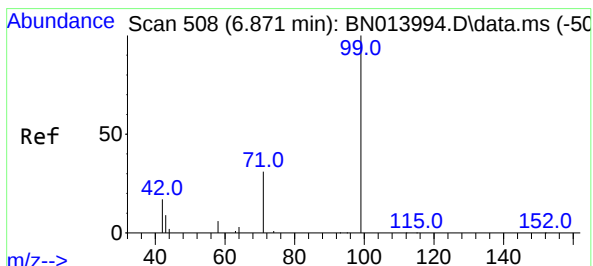
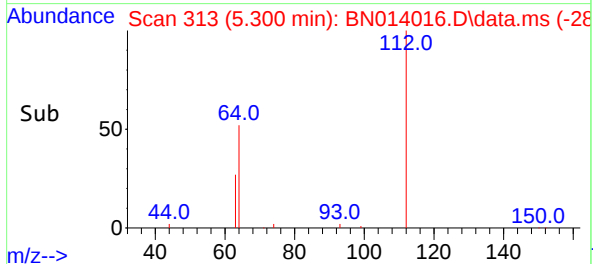
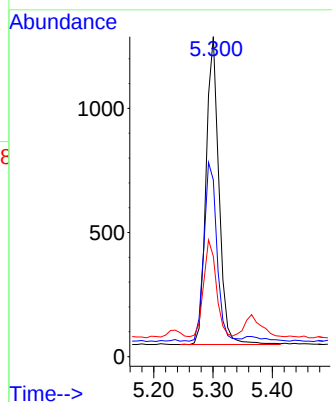
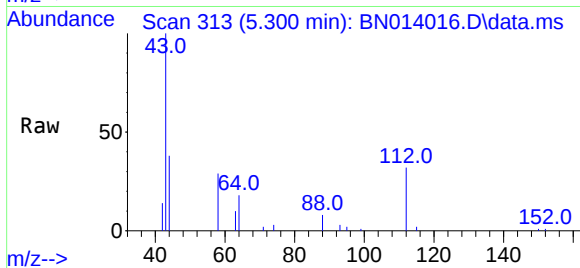


#4
2-Fluorophenol
Concen: 0.15 ng
RT: 5.300 min Scan# 313
Delta R.T. 0.000 min
Lab File: BN014016.D
Acq: 22 Mar 2021 17:07

Instrument :
BNA_N
ClientSampleId :
DUP02-20210317

Tgt Ion: 112 Resp: 1863

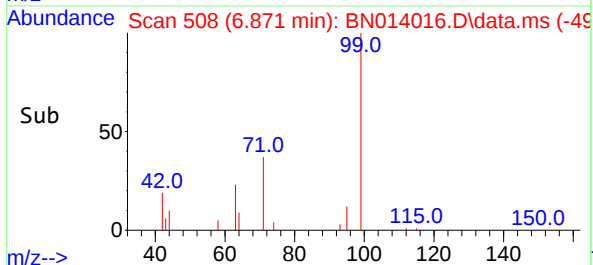
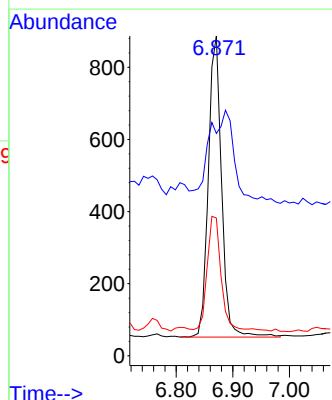
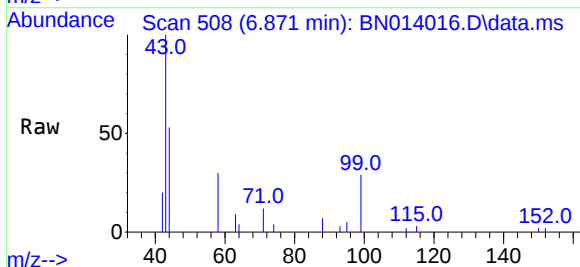
Ion	Ratio	Lower	Upper
112	100		
64	58.6	44.3	66.5
63	31.3	23.0	34.6

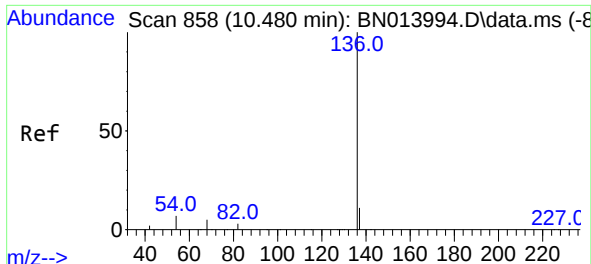


#5
Phenol-d6
Concen: 0.09 ng
RT: 6.871 min Scan# 508
Delta R.T. 0.000 min
Lab File: BN014016.D
Acq: 22 Mar 2021 17:07

Tgt Ion: 99 Resp: 1356

Ion	Ratio	Lower	Upper
99	100		
42	0.0	15.2	22.8#
71	40.3	26.1	39.1#

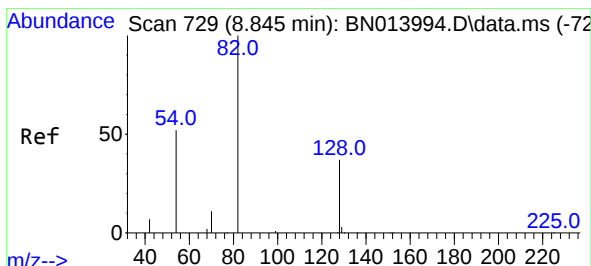
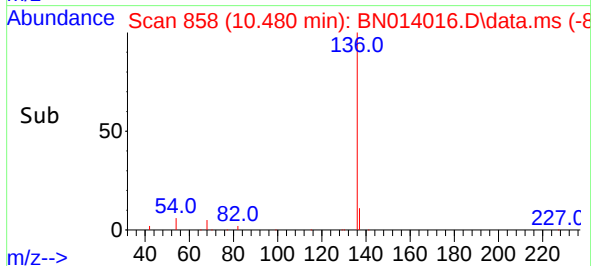
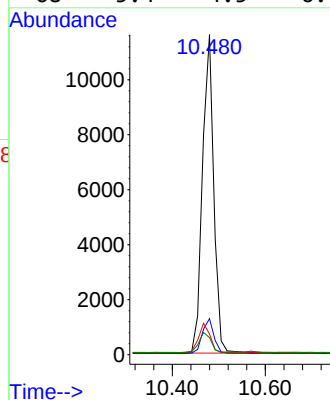
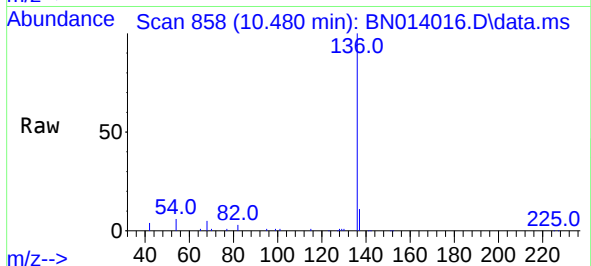




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.480 min Scan# 858
Delta R.T. 0.000 min
Lab File: BN014016.D
Acq: 22 Mar 2021 17:07

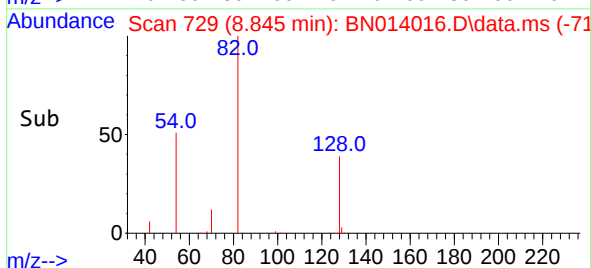
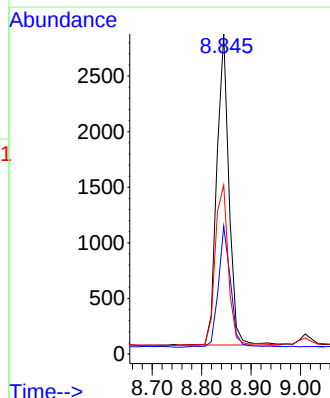
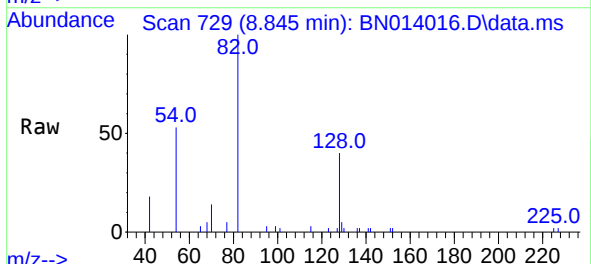
Instrument :
BNA_N
ClientSampleId :
DUP02-20210317

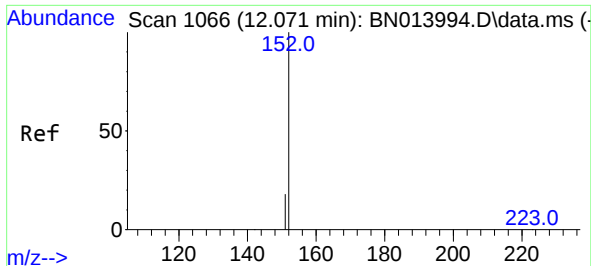
Tgt Ion:	136	Resp:	19652
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.0	13.6
54	6.5	6.4	9.6
68	5.4	4.5	6.7



#8
Nitrobenzene-d5
Concen: 0.36 ng
RT: 8.845 min Scan# 729
Delta R.T. 0.000 min
Lab File: BN014016.D
Acq: 22 Mar 2021 17:07

Tgt Ion:	82	Resp:	4747
Ion Ratio	Lower	Upper	
82	100		
128	40.0	39.2	58.8
54	52.8	40.1	60.1

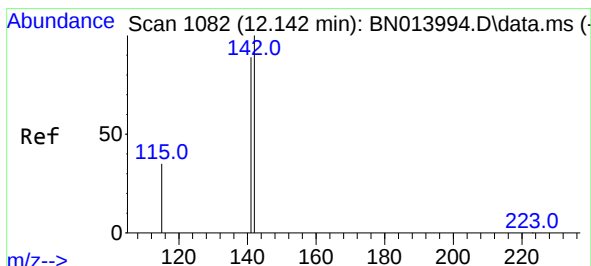
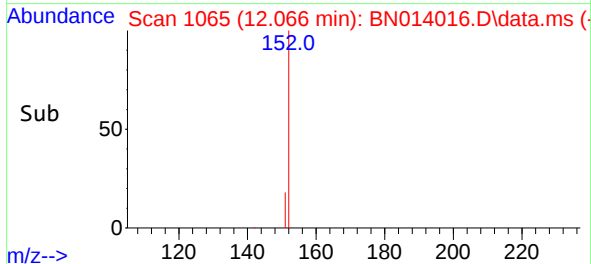
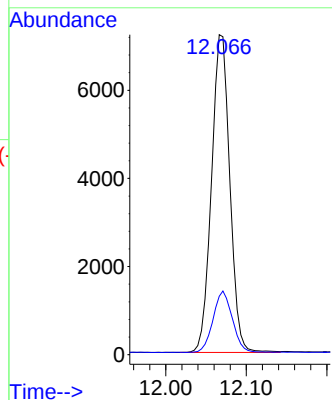
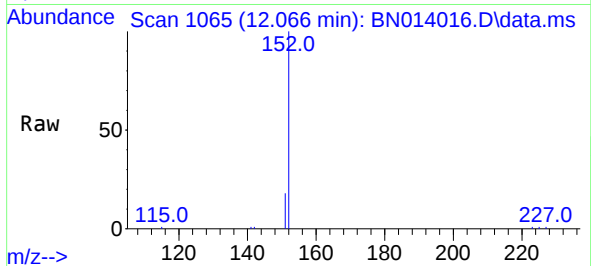




#11
2-Methylnaphthalene-d10
Concen: 0.37 ng
RT: 12.066 min Scan# 1065
Delta R.T. -0.004 min
Lab File: BN014016.D
Acq: 22 Mar 2021 17:07

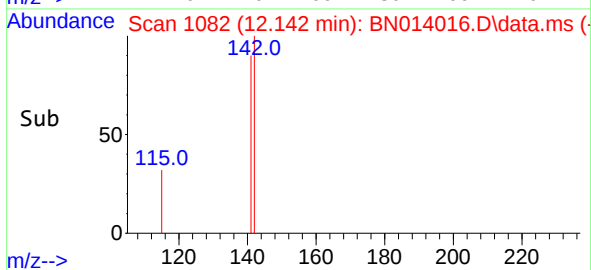
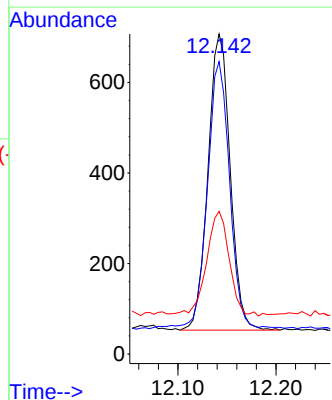
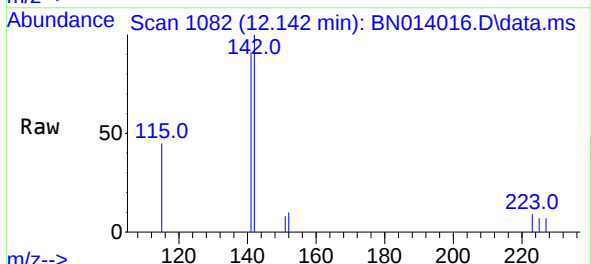
Instrument :
BNA_N
ClientSampleId :
DUP02-20210317

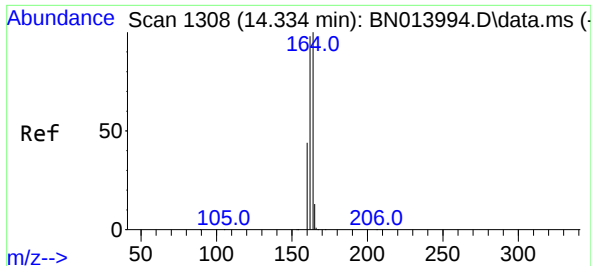
Tgt Ion:152 Resp: 11392
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.2



#12
2-Methylnaphthalene
Concen: 0.03 ng
RT: 12.142 min Scan# 1082
Delta R.T. 0.000 min
Lab File: BN014016.D
Acq: 22 Mar 2021 17:07

Tgt Ion:142 Resp: 1028
Ion Ratio Lower Upper
142 100
141 91.4 70.5 105.7
115 44.6 27.4 41.0#

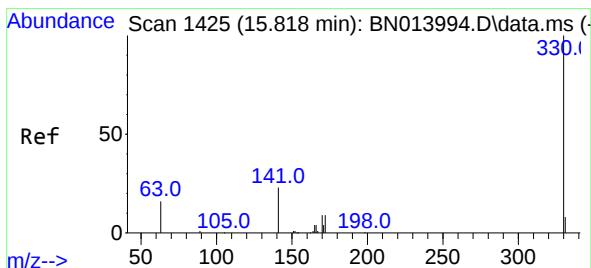
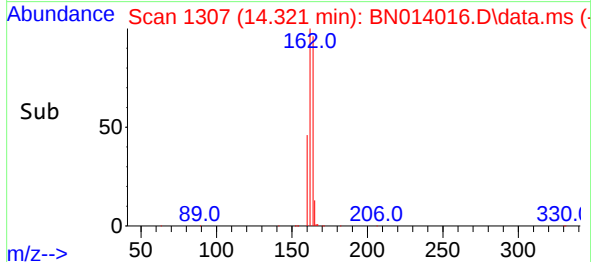
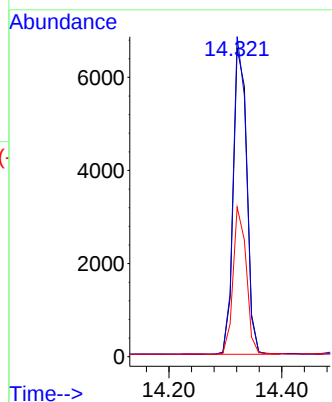
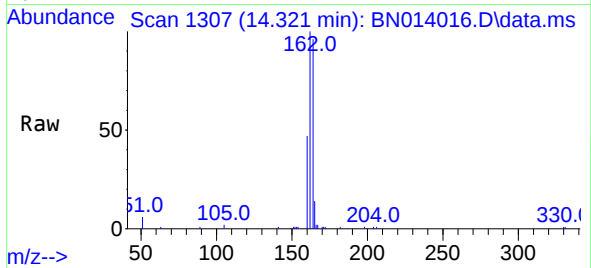




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.321 min Scan# 1307
Delta R.T. -0.013 min
Lab File: BN014016.D
Acq: 22 Mar 2021 17:07

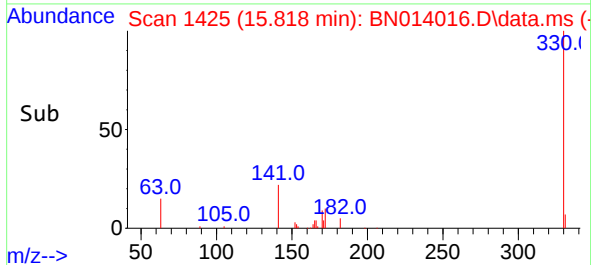
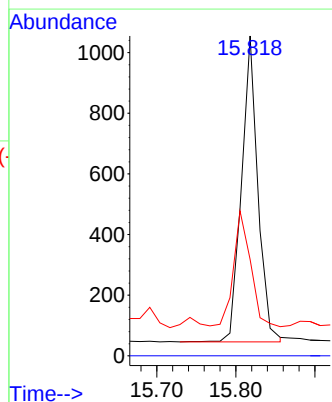
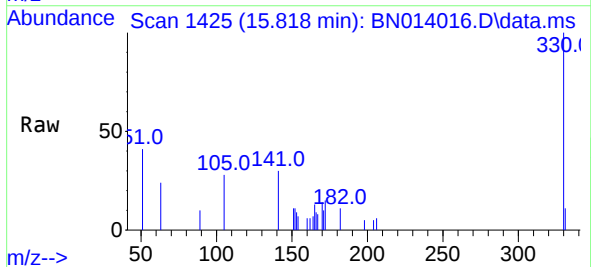
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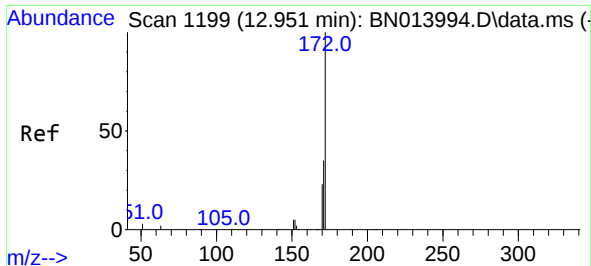
Tgt Ion:164 Resp: 11063
Ion Ratio Lower Upper
164 100
162 103.7 79.6 119.4
160 48.5 36.0 54.0



#14
2,4,6-Tribromophenol
Concen: 0.40 ng
RT: 15.818 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BN014016.D
Acq: 22 Mar 2021 17:07

Tgt Ion:330 Resp: 1456
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 39.1 26.8 40.2

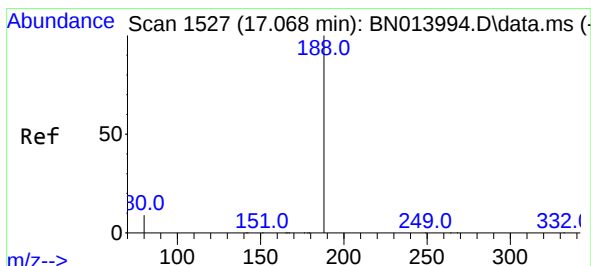
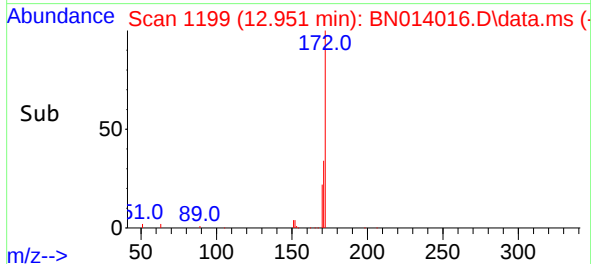
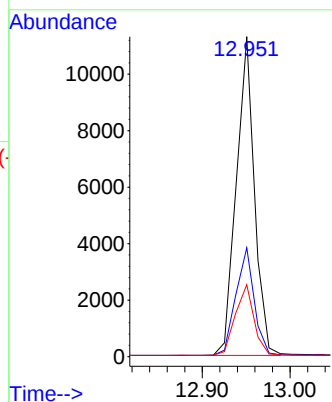
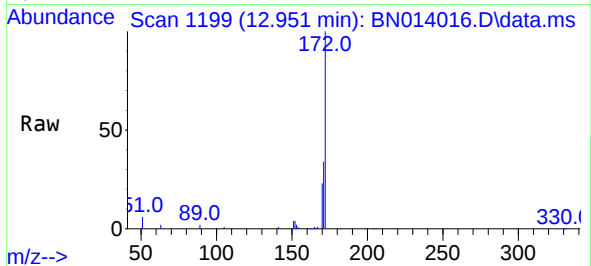




#15
2-Fluorobiphenyl
Concen: 0.39 ng
RT: 12.951 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BN014016.D
Acq: 22 Mar 2021 17:07

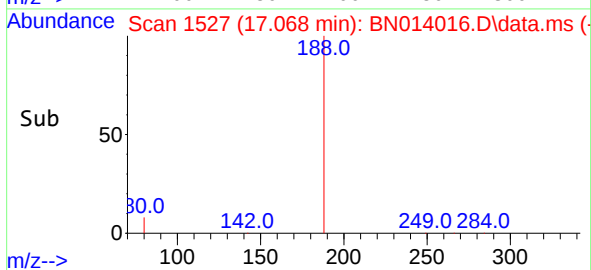
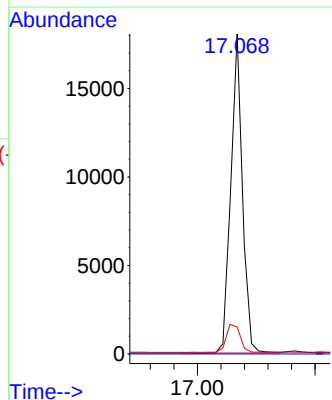
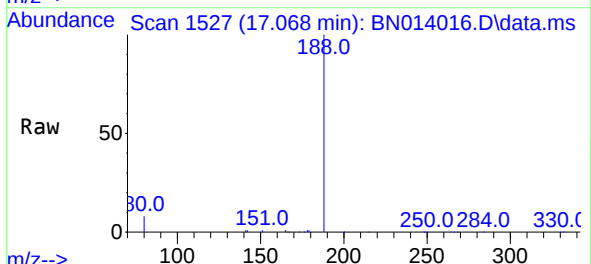
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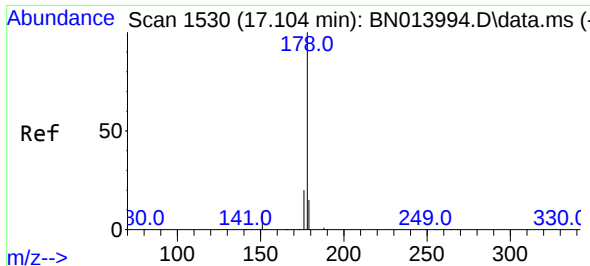
Tgt Ion:	172	Resp:	16139
Ion	Ratio	Lower	Upper
172	100		
171	34.1	28.6	42.8
170	22.5	18.9	28.3



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.068 min Scan# 1527
Delta R.T. 0.000 min
Lab File: BN014016.D
Acq: 22 Mar 2021 17:07

Tgt Ion:	188	Resp:	24679
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.5	9.0	13.6

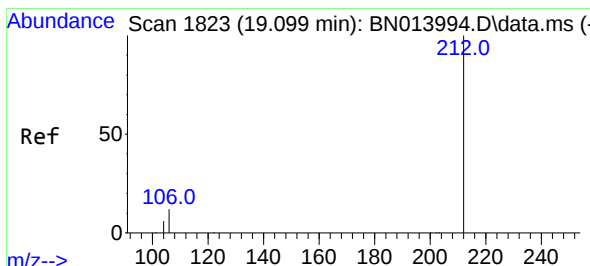
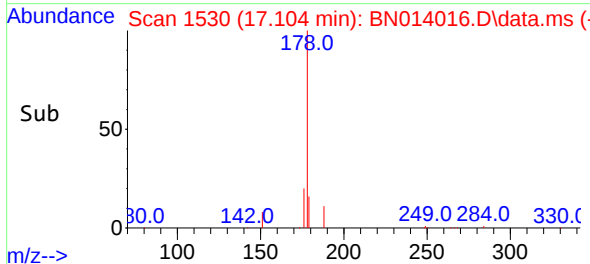
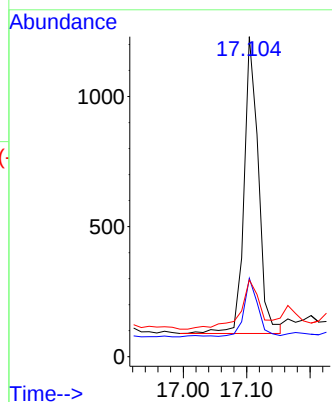
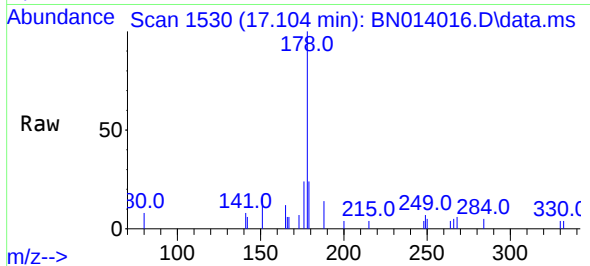




#25
Phenanthrene
Concen: 0.03 ng
RT: 17.104 min Scan# 1530
Delta R.T. 0.000 min
Lab File: BN014016.D
Acq: 22 Mar 2021 17:07

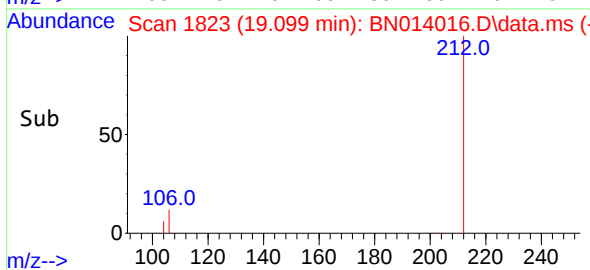
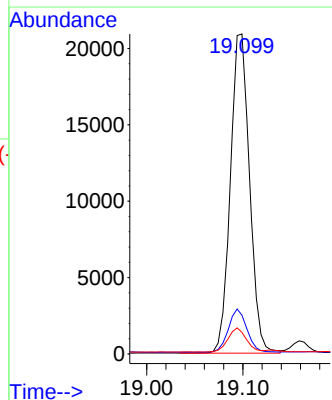
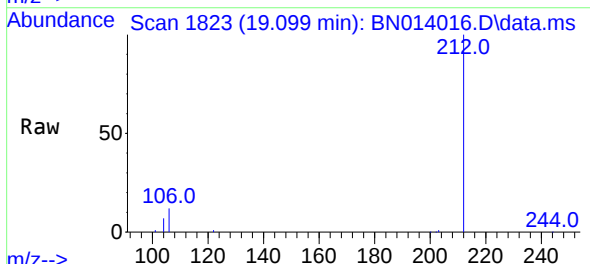
Instrument :
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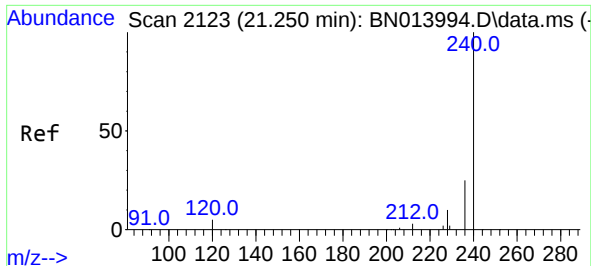
Tgt Ion:	178	Resp:	1800
Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.4
179	22.6	12.3	18.5#



#27
Fluoranthene-d10
Concen: 0.42 ng
RT: 19.099 min Scan# 1823
Delta R.T. 0.000 min
Lab File: BN014016.D
Acq: 22 Mar 2021 17:07

Tgt Ion:	212	Resp:	28882
Ion	Ratio	Lower	Upper
212	100		
106	13.1	9.7	14.5
104	7.3	5.5	8.3

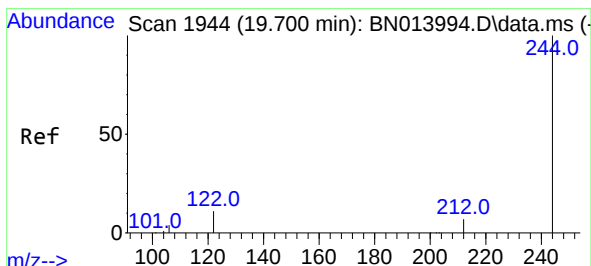
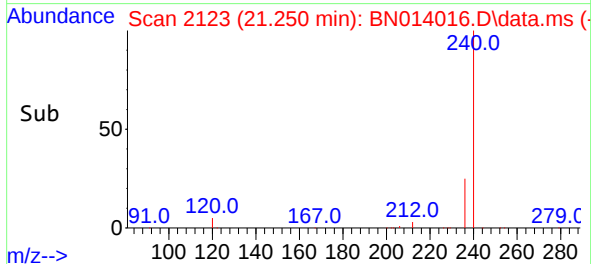
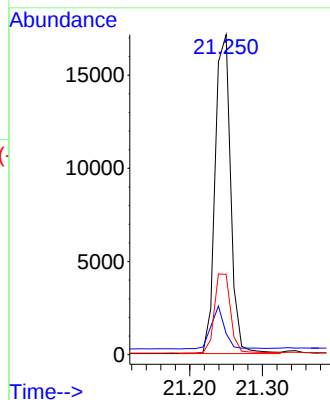
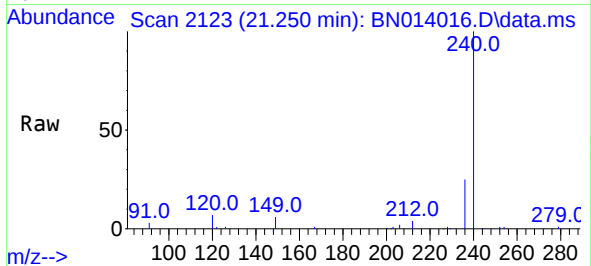




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.250 min Scan# 2123
Delta R.T. 0.000 min
Lab File: BN014016.D
Acq: 22 Mar 2021 17:07

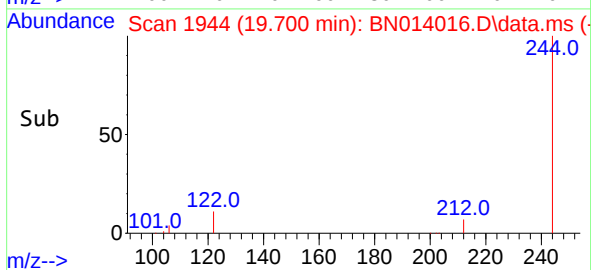
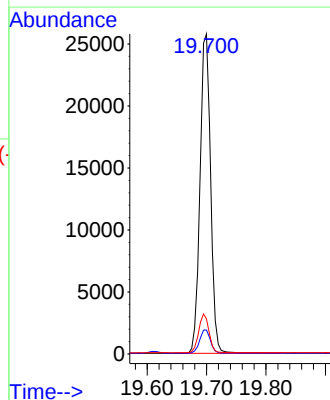
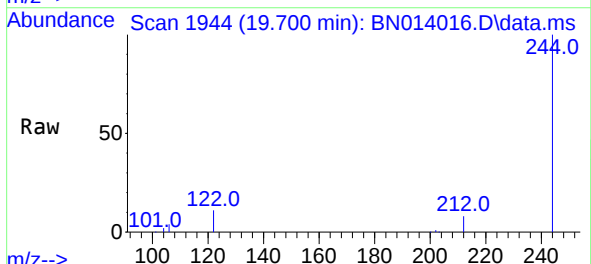
Instrument :
BNA_N
ClientSampleId :
DUP02-20210317

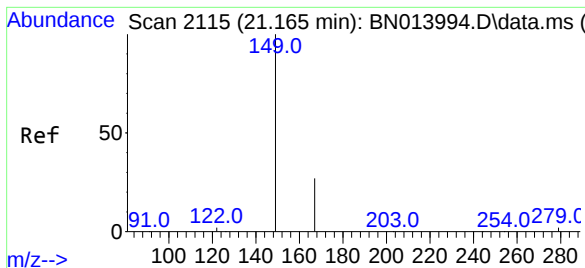
Tgt Ion:240 Resp: 25359
Ion Ratio Lower Upper
240 100
120 6.6 10.2 15.4#
236 25.1 21.3 31.9



#31
Terphenyl-d14
Concen: 0.57 ng
RT: 19.700 min Scan# 1944
Delta R.T. 0.000 min
Lab File: BN014016.D
Acq: 22 Mar 2021 17:07

Tgt Ion:244 Resp: 31824
Ion Ratio Lower Upper
244 100
212 7.5 6.1 9.1
122 10.9 9.8 14.8



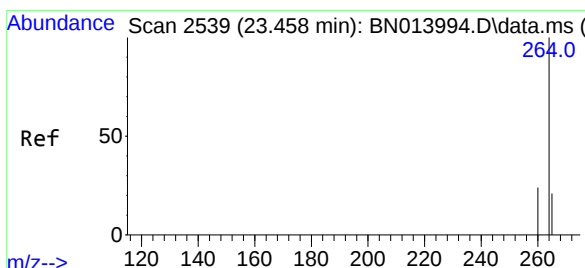
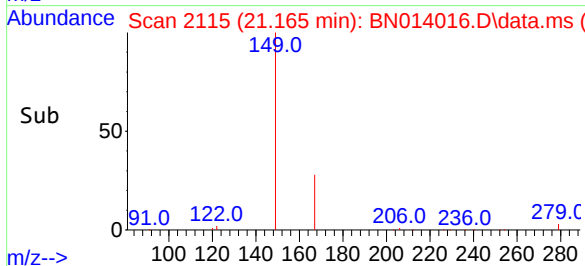
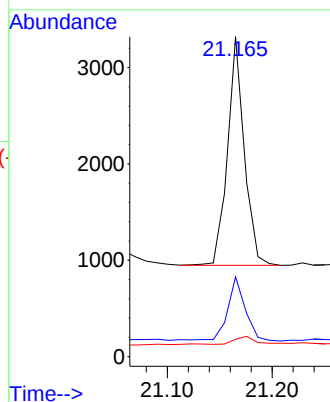
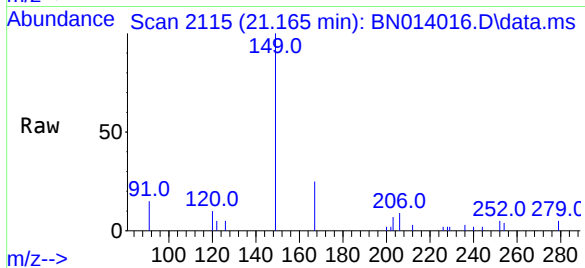


#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.10 ng
 RT: 21.165 min Scan# 2115
 Delta R.T. 0.000 min
 Lab File: BN014016.D
 Acq: 22 Mar 2021 17:07

Instrument :
 BNA_N
 ClientSampleId :
 DUP02-20210317

Tgt Ion:149 Resp: 2629

Ion	Ratio	Lower	Upper
149	100		
167	29.3	22.1	33.1
279	4.5	3.5	5.3



#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.458 min Scan# 2539
 Delta R.T. 0.000 min
 Lab File: BN014016.D
 Acq: 22 Mar 2021 17:07

Tgt Ion:264 Resp: 22905

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.3	28.9
265	33.9	66.2	99.4

