

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032221\
 Data File : BN014022.D
 Acq On : 22 Mar 2021 20:42
 Operator : CG/JU
 Sample : M1735-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE134D1-20210315

Quant Time: Mar 23 00:21:13 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)

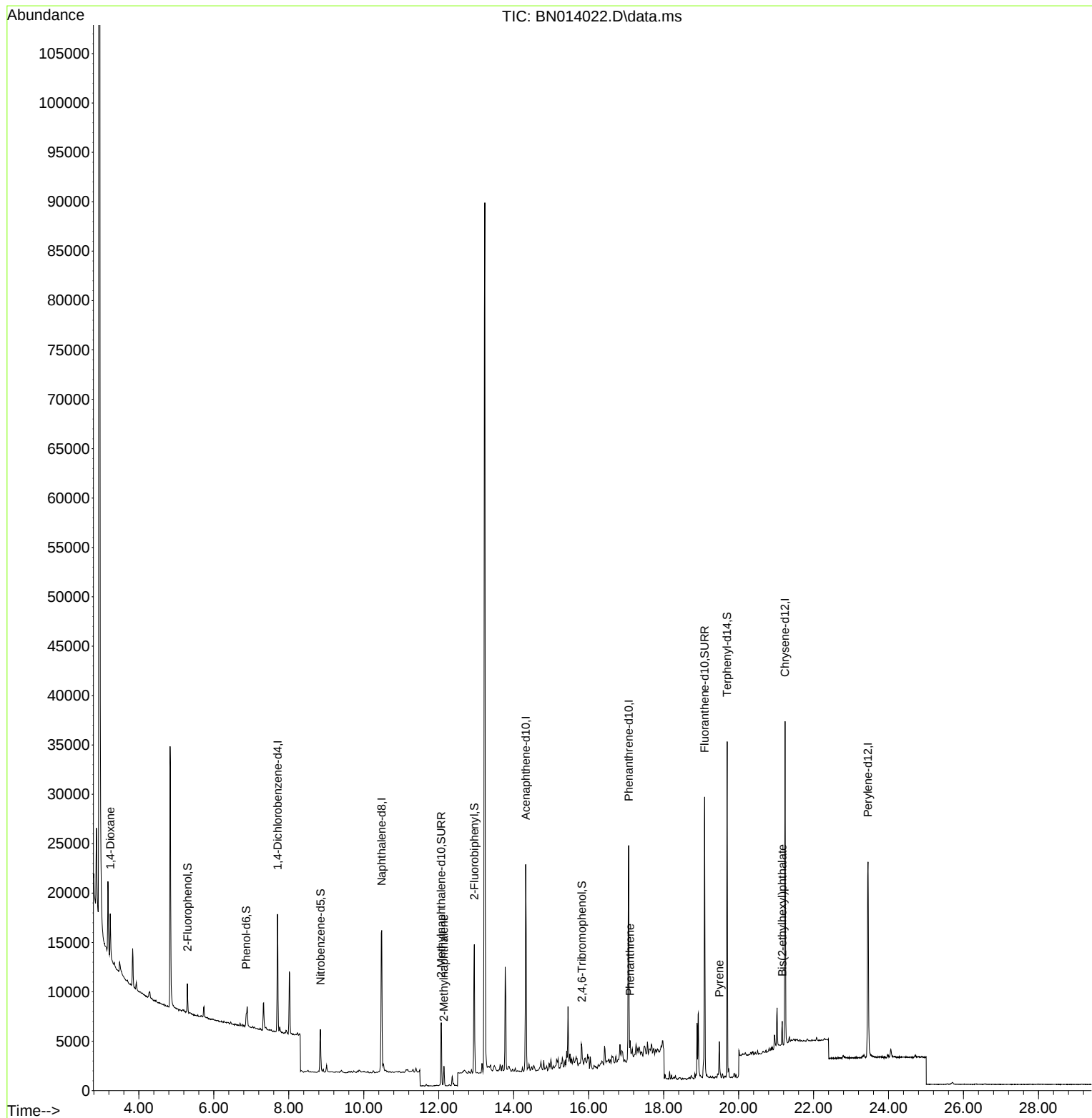
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.700	152	5468	0.40	ng	0.00
7) Naphthalene-d8	10.479	136	20961	0.40	ng	# 0.00
13) Acenaphthene-d10	14.321	164	12212	0.40	ng	-0.01
19) Phenanthrene-d10	17.067	188	29290	0.40	ng	# 0.00
29) Chrysene-d12	21.239	240	30095	0.40	ng	-0.01
36) Perylene-d12	23.451	264	27146	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.300	112	1379	0.11	ng	0.00
5) Phenol-d6	6.863	99	992	0.06	ng	0.00
8) Nitrobenzene-d5	8.845	82	3557	0.26	ng	0.00
11) 2-Methylnaphthalene-d10	12.066	152	8554	0.26	ng	0.00
14) 2,4,6-Tribromophenol	15.818	330	1298	0.33	ng	0.00
15) 2-Fluorobiphenyl	12.950	172	11753	0.26	ng	0.00
27) Fluoranthene-d10	19.094	212	29815	0.37	ng	0.00
31) Terphenyl-d14	19.695	244	31016	0.47	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.239	88	2885	0.40	ng	# 77
12) 2-Methylnaphthalene	12.137	142	1421	0.04	ng	# 92
25) Phenanthrene	17.104	178	2162	0.03	ng	# 80
30) Pyrene	19.486	202	3560	0.04	ng	# 92
34) Bis(2-ethylhexyl)phtha...	21.165	149	2380	0.07	ng	# 98

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

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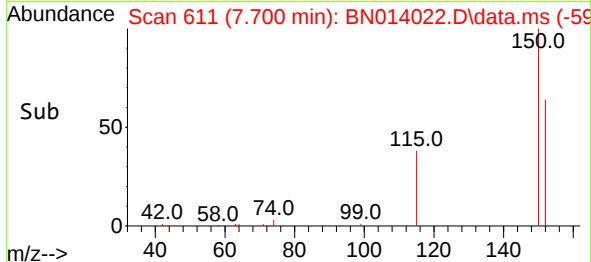
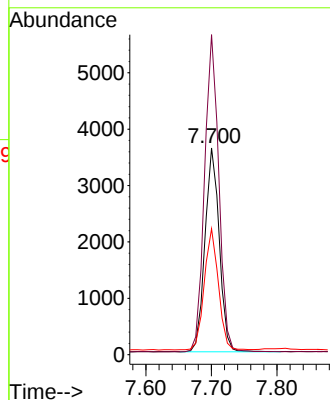
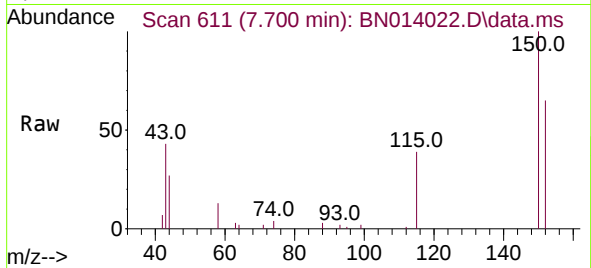




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.700 min Scan# 611
 Delta R.T. 0.000 min
 Lab File: BN014022.D
 Acq: 22 Mar 2021 20:42

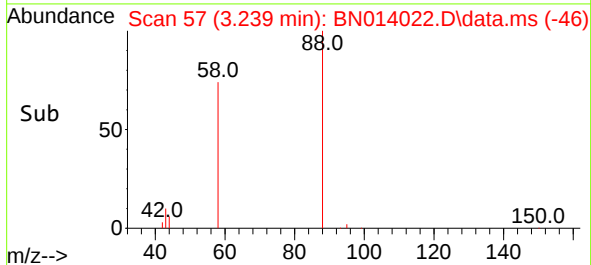
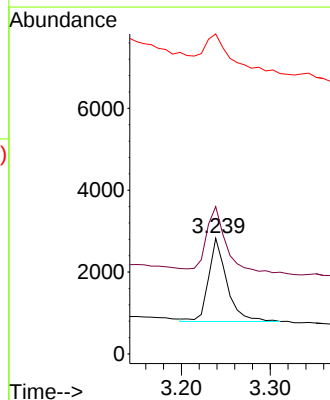
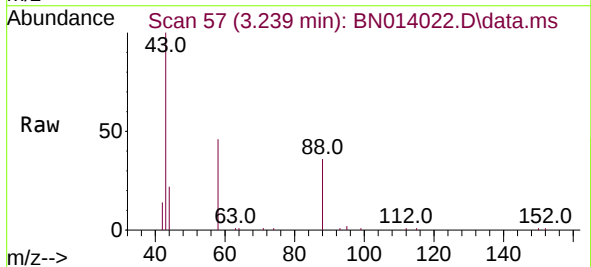
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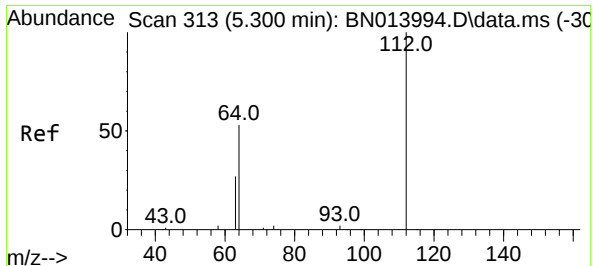
Tgt Ion:152 Resp: 5468
 Ion Ratio Lower Upper
 152 100
 150 154.8 121.8 182.8
 115 60.9 46.6 69.8



#2
 1,4-Dioxane
 Concen: 0.40 ng
 RT: 3.239 min Scan# 57
 Delta R.T. -0.008 min
 Lab File: BN014022.D
 Acq: 22 Mar 2021 20:42

Tgt Ion: 88 Resp: 2885
 Ion Ratio Lower Upper
 88 100
 58 84.6 64.6 96.8
 43 71.2 26.6 40.0#

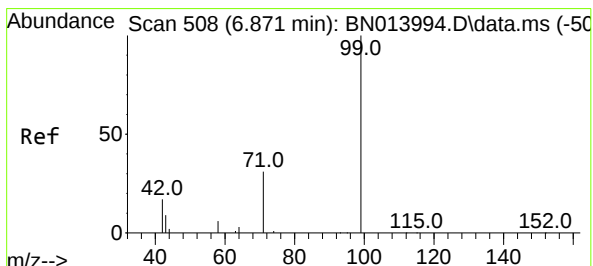
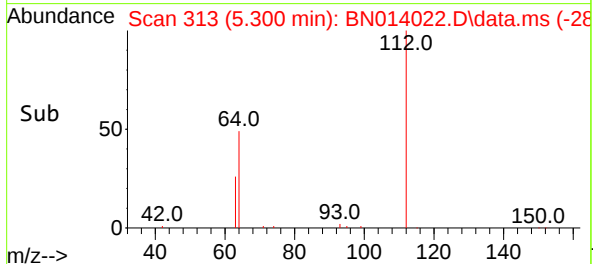
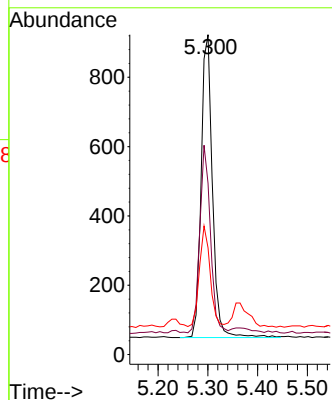
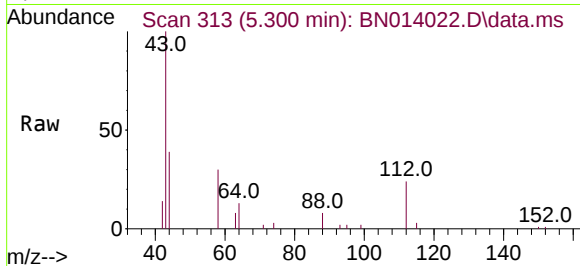




#4
2-Fluorophenol
Concen: 0.11 ng
RT: 5.300 min Scan# 313
Delta R.T. -0.000 min
Lab File: BN014022.D
Acq: 22 Mar 2021 20:42

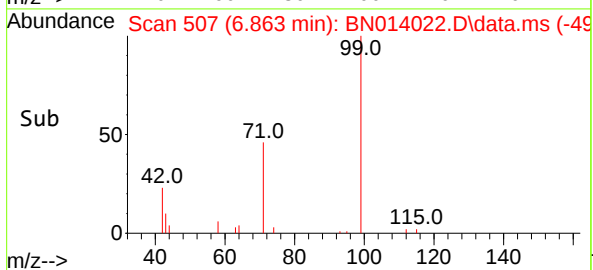
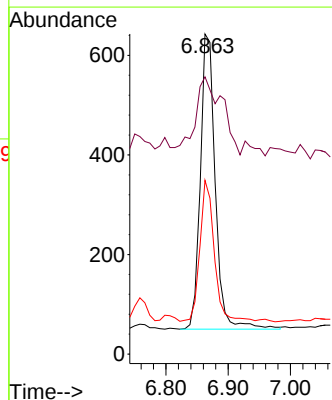
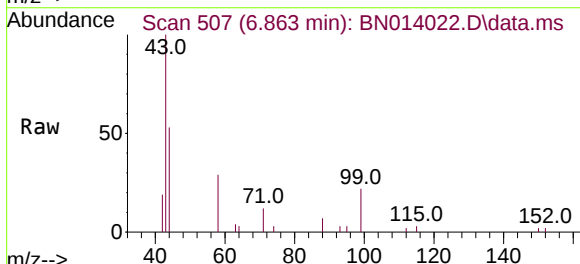
Instrument :
BNA_N
ClientSampleId :
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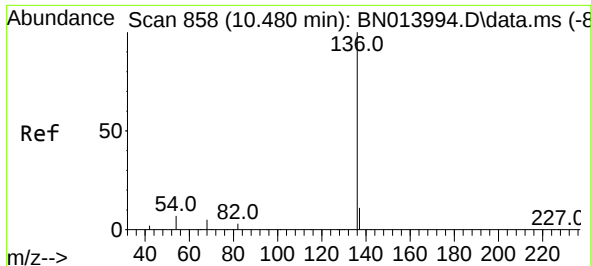
Tgt Ion:	112	Resp:	1379
Ion	Ratio	Lower	Upper
112	100		
64	58.3	44.3	66.5
63	32.1	23.0	34.6



#5
Phenol-d6
Concen: 0.06 ng
RT: 6.863 min Scan# 507
Delta R.T. -0.008 min
Lab File: BN014022.D
Acq: 22 Mar 2021 20:42

Tgt Ion:	99	Resp:	992
Ion	Ratio	Lower	Upper
99	100		
42	47.4	15.2	22.8#
71	45.3	26.1	39.1#

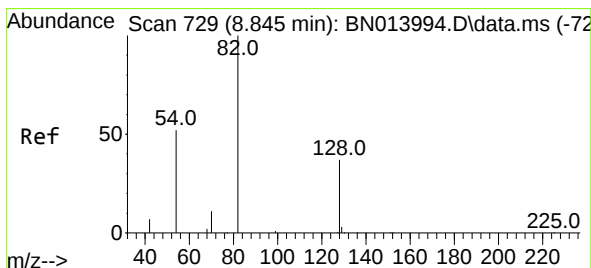
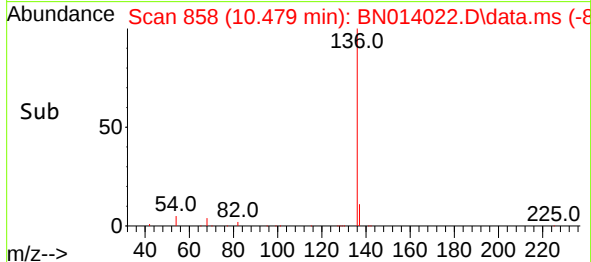
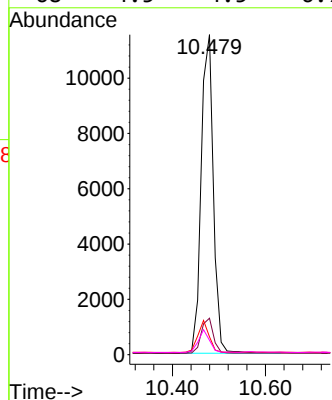
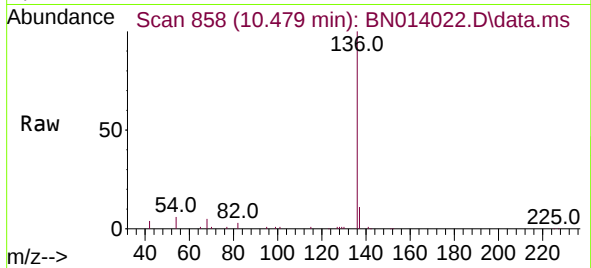




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.479 min Scan# 858
Delta R.T. -0.000 min
Lab File: BN014022.D
Acq: 22 Mar 2021 20:42

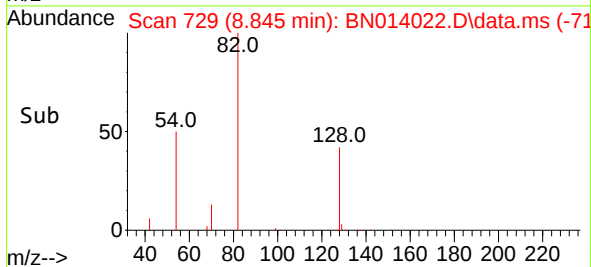
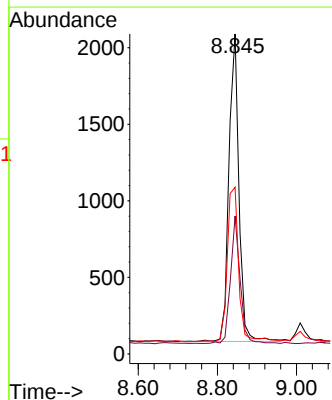
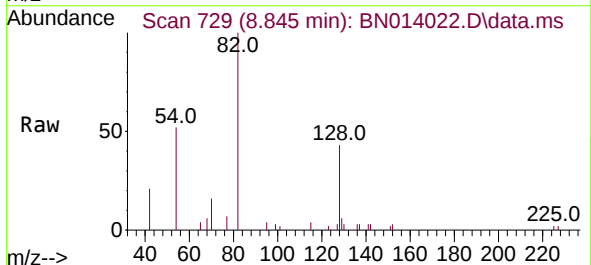
Instrument :
BNA_N
ClientSampleId :
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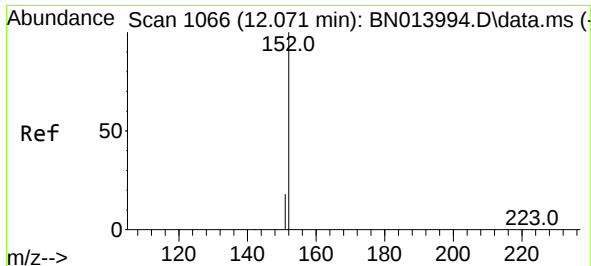
Tgt Ion:	136	Resp:	20961
Ion Ratio	Lower	Upper	
136	100		
137	11.4	9.0	13.6
54	5.6	6.4	9.6#
68	4.5	4.5	6.7



#8
Nitrobenzene-d5
Concen: 0.26 ng
RT: 8.845 min Scan# 729
Delta R.T. -0.000 min
Lab File: BN014022.D
Acq: 22 Mar 2021 20:42

Tgt Ion:	82	Resp:	3557
Ion Ratio	Lower	Upper	
82	100		
128	43.1	39.2	58.8
54	52.1	40.1	60.1

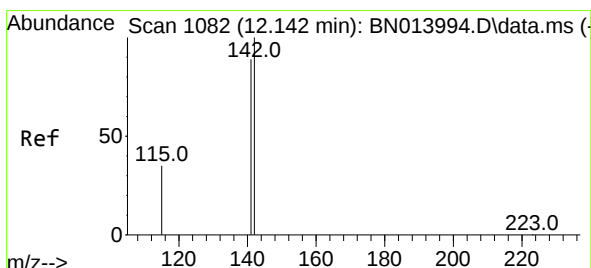
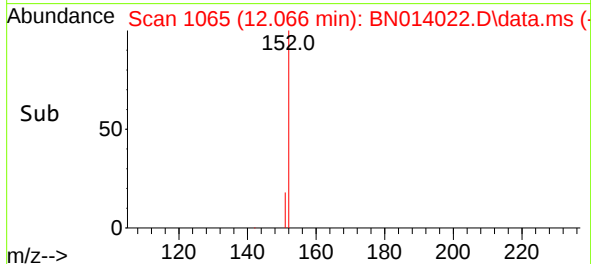
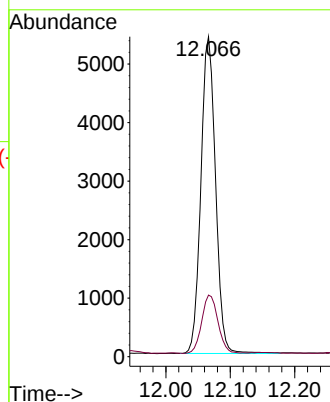
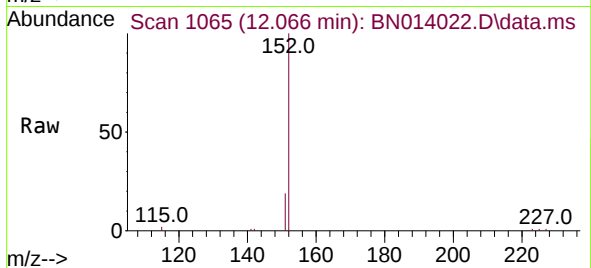




#11
2-Methylnaphthalene-d10
Concen: 0.26 ng
RT: 12.066 min Scan# 1065
Delta R.T. -0.005 min
Lab File: BN014022.D
Acq: 22 Mar 2021 20:42

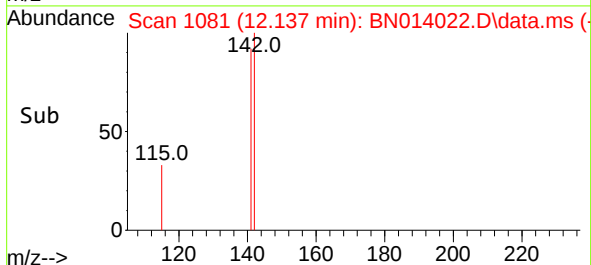
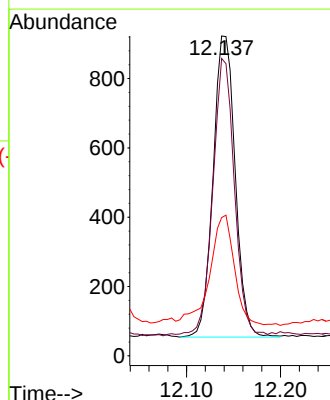
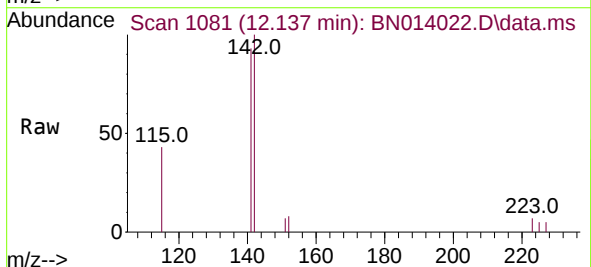
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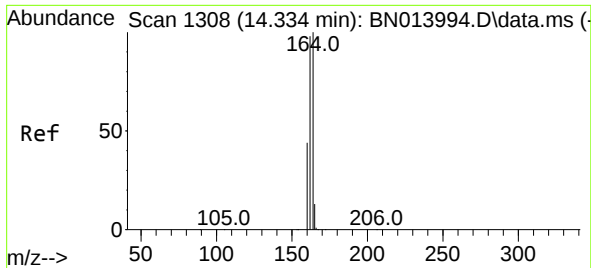
Tgt Ion:152 Resp: 8554
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.2



#12
2-Methylnaphthalene
Concen: 0.04 ng
RT: 12.137 min Scan# 1081
Delta R.T. -0.005 min
Lab File: BN014022.D
Acq: 22 Mar 2021 20:42

Tgt Ion:142 Resp: 1421
Ion Ratio Lower Upper
142 100
141 93.0 70.5 105.7
115 43.2 27.4 41.0#

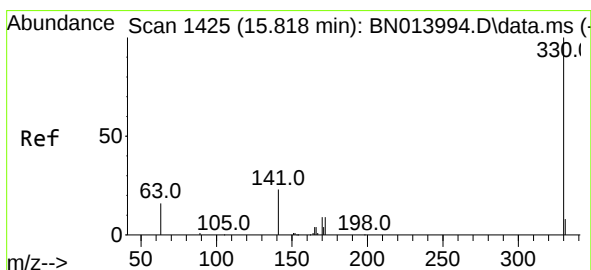
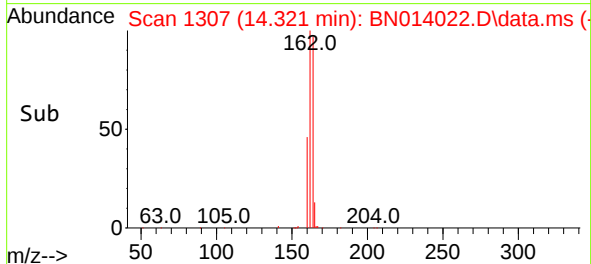
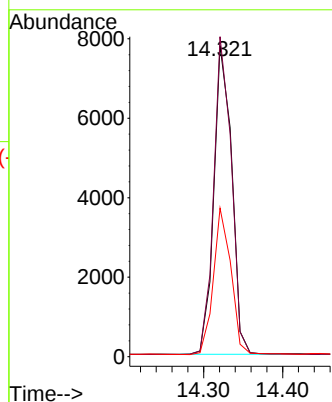
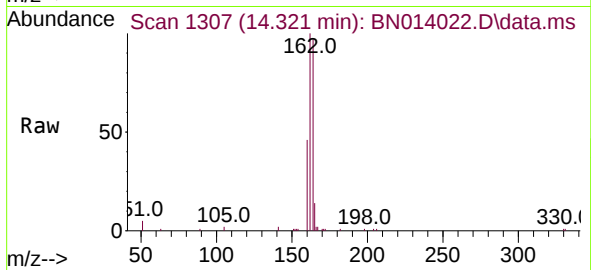




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.321 min Scan# 1307
Delta R.T. -0.013 min
Lab File: BN014022.D
Acq: 22 Mar 2021 20:42

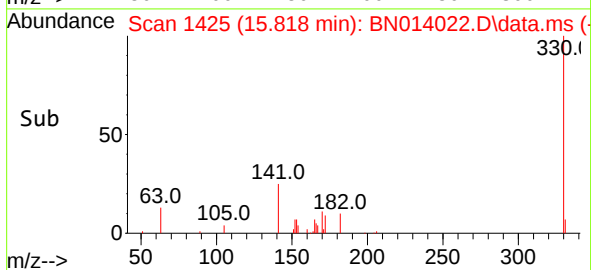
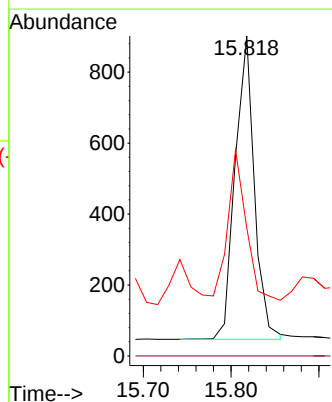
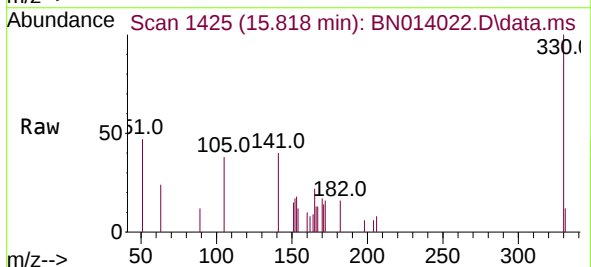
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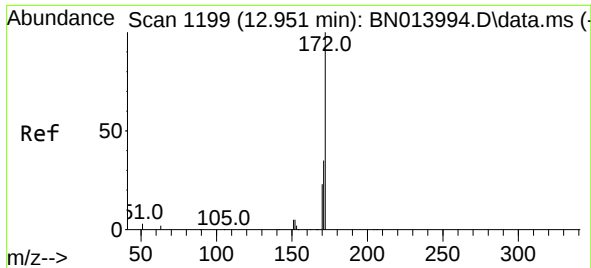
Tgt Ion:164	Resp:	12212
Ion Ratio	Lower	Upper
164	100	
162	102.8	79.6 119.4
160	47.7	36.0 54.0



#14
2,4,6-Tribromophenol
Concen: 0.33 ng
RT: 15.818 min Scan# 1425
Delta R.T. -0.000 min
Lab File: BN014022.D
Acq: 22 Mar 2021 20:42

Tgt Ion:330	Resp:	1298
Ion Ratio	Lower	Upper
330	100	
332	0.0	0.0 0.0
141	46.6	26.8 40.2#

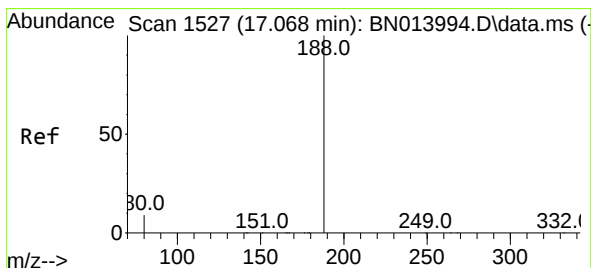
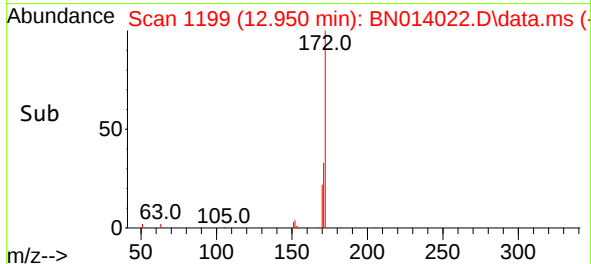
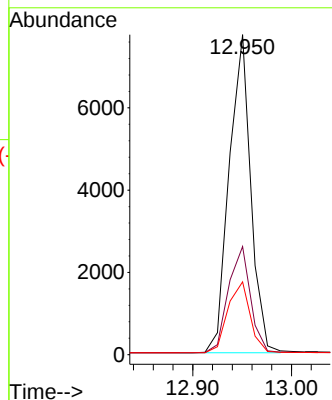
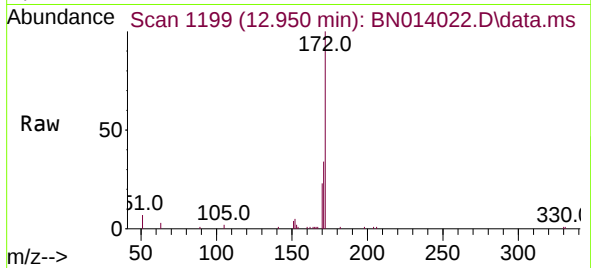




#15
2-Fluorobiphenyl
Concen: 0.26 ng
RT: 12.950 min Scan# 1199
Delta R.T. -0.000 min
Lab File: BN014022.D
Acq: 22 Mar 2021 20:42

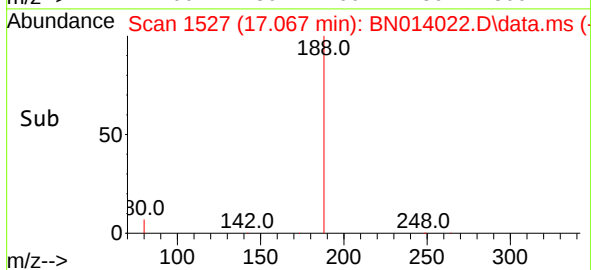
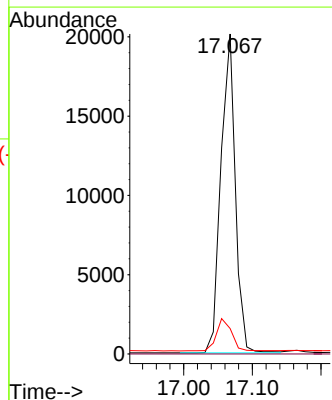
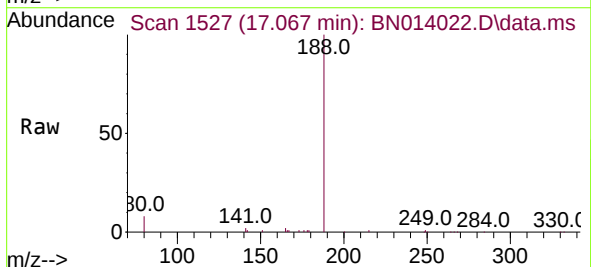
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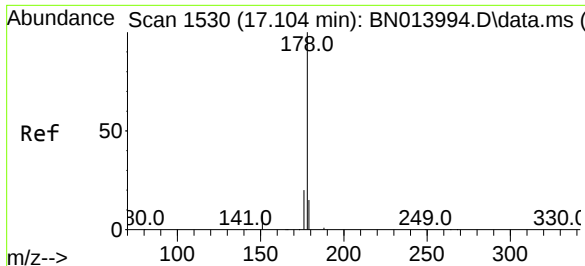
Tgt Ion:	172	Resp:	11753
Ion	Ratio	Lower	Upper
172	100		
171	33.8	28.6	42.8
170	22.8	18.9	28.3



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.067 min Scan# 1527
Delta R.T. -0.000 min
Lab File: BN014022.D
Acq: 22 Mar 2021 20:42

Tgt Ion:	188	Resp:	29290
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.0	9.0	13.6

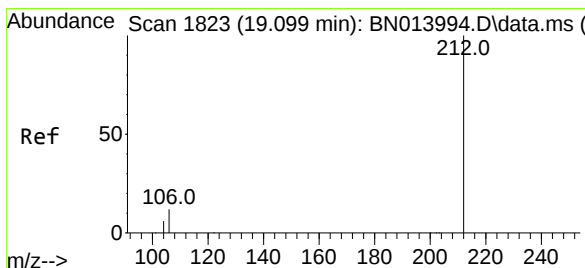
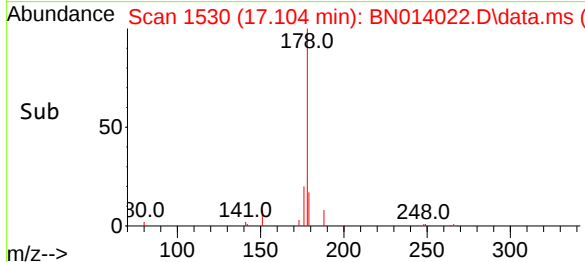
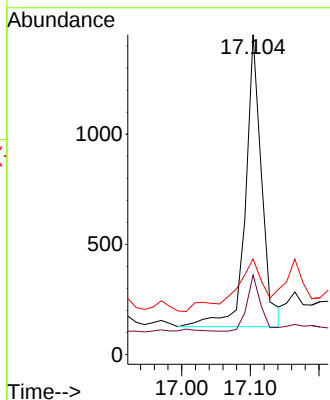
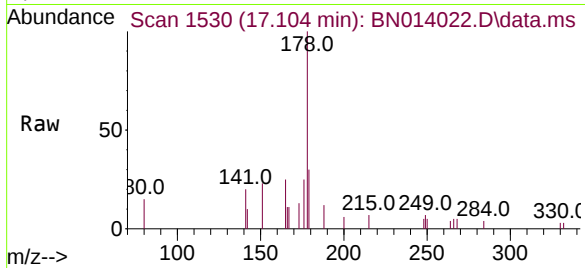




#25
Phenanthrene
Concen: 0.03 ng
RT: 17.104 min Scan# 1530
Delta R.T. -0.000 min
Lab File: BN014022.D
Acq: 22 Mar 2021 20:42

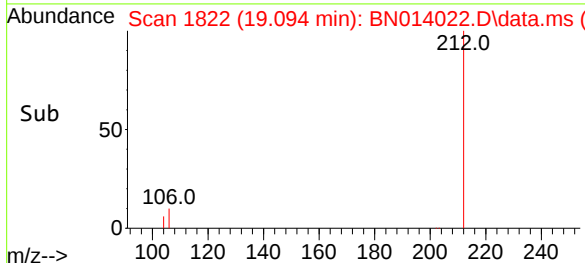
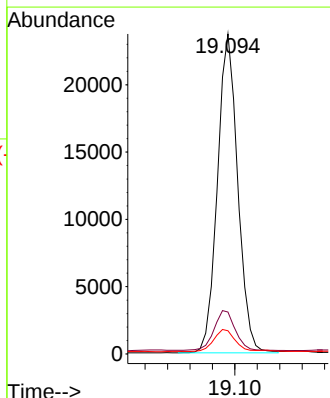
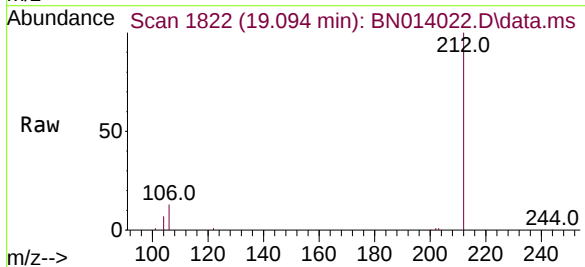
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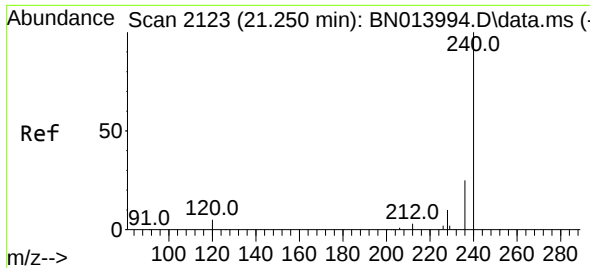
Tgt Ion:178 Resp: 2162
Ion Ratio Lower Upper
178 100
176 16.6 15.0 22.4
179 31.1 12.3 18.5#



#27
Fluoranthene-d10
Concen: 0.37 ng
RT: 19.094 min Scan# 1822
Delta R.T. -0.005 min
Lab File: BN014022.D
Acq: 22 Mar 2021 20:42

Tgt Ion:212 Resp: 29815
Ion Ratio Lower Upper
212 100
106 13.1 9.7 14.5
104 7.2 5.5 8.3

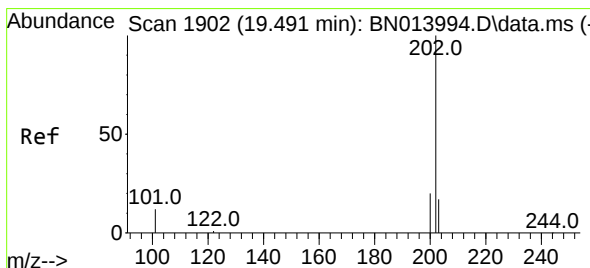
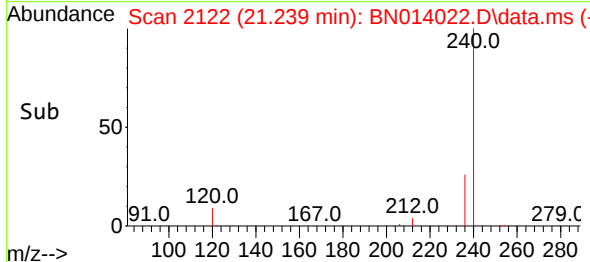
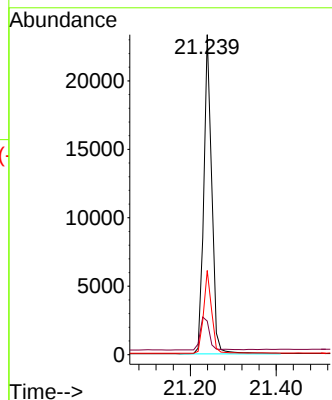
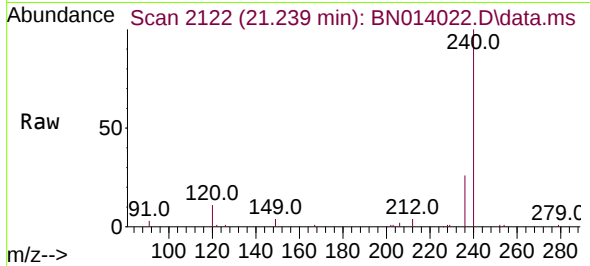




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.239 min Scan# 2122
Delta R.T. -0.011 min
Lab File: BN014022.D
Acq: 22 Mar 2021 20:42

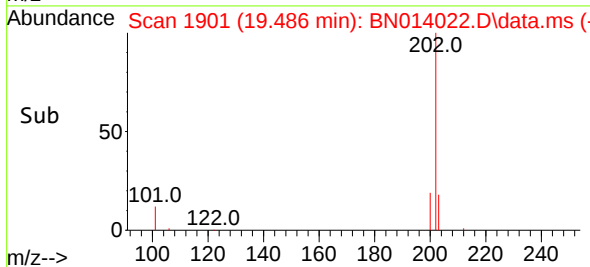
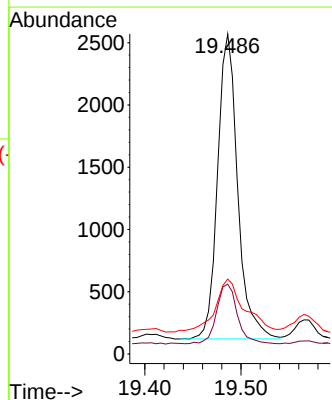
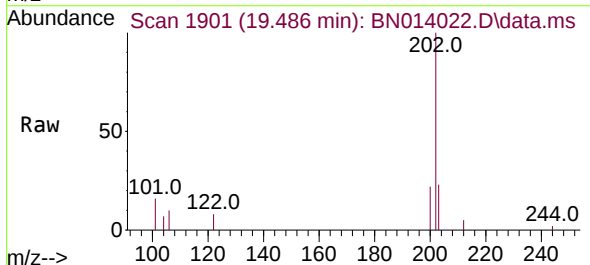
Instrument :
BNA_N
ClientSampleId :
RE134D1-20210315

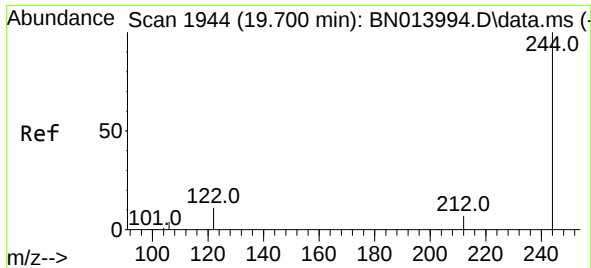
Tgt Ion:240 Resp: 30095
Ion Ratio Lower Upper
240 100
120 10.5 10.2 15.4
236 26.3 21.3 31.9



#30
Pyrene
Concen: 0.04 ng
RT: 19.486 min Scan# 1901
Delta R.T. -0.005 min
Lab File: BN014022.D
Acq: 22 Mar 2021 20:42

Tgt Ion:202 Resp: 3560
Ion Ratio Lower Upper
202 100
200 20.5 16.3 24.5
203 25.0 14.0 21.0#

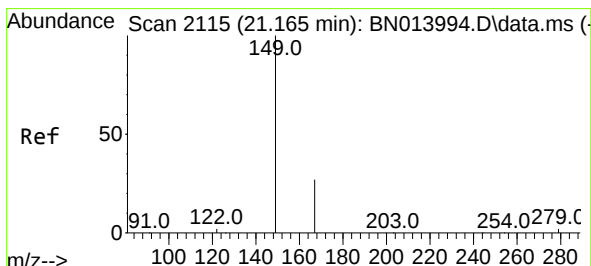
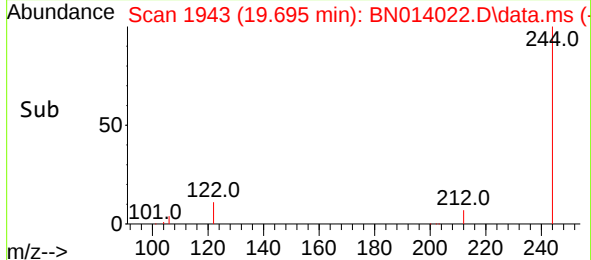
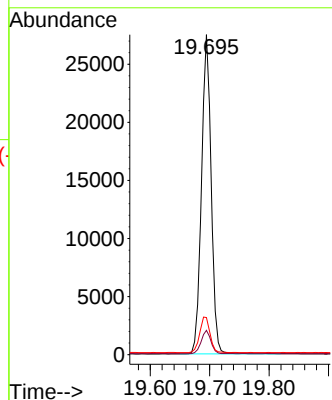
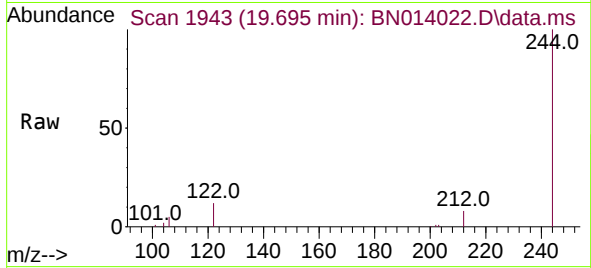




#31
Terphenyl-d14
Concen: 0.47 ng
RT: 19.695 min Scan# 1943
Delta R.T. -0.005 min
Lab File: BN014022.D
Acq: 22 Mar 2021 20:42

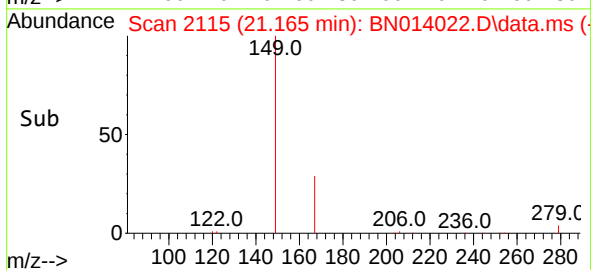
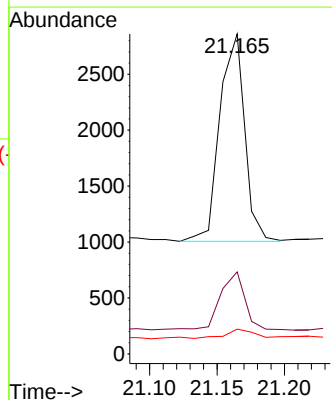
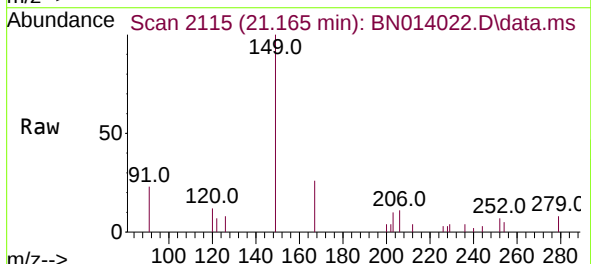
Instrument :
BNA_N
ClientSampleId :
RE134D1-20210315

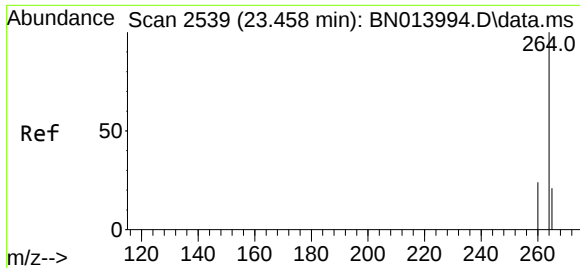
Tgt Ion:244 Resp: 31016
Ion Ratio Lower Upper
244 100
212 7.6 6.1 9.1
122 11.6 9.8 14.8



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.07 ng
RT: 21.165 min Scan# 2115
Delta R.T. -0.000 min
Lab File: BN014022.D
Acq: 22 Mar 2021 20:42

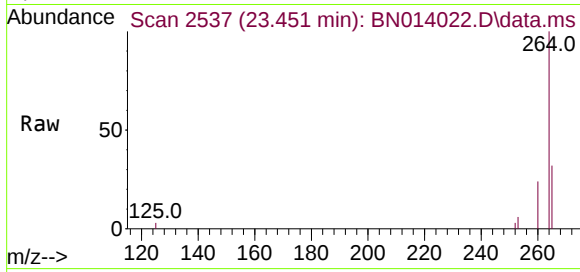
Tgt Ion:149 Resp: 2380
Ion Ratio Lower Upper
149 100
167 28.1 22.1 33.1
279 6.5 3.5 5.3#





#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.451 min Scan# 2537
 Delta R.T. -0.007 min
 Lab File: BN014022.D
 Acq: 22 Mar 2021 20:42

Instrument :
 BNA_N
 ClientSampleId :
 RE134D1-20210315



Tgt Ion:	264	Resp:	27146
Ion Ratio	Lower	Upper	
264	100		
260	24.2	19.3	28.9
265	32.4	66.2	99.4#

