

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033121\
 Data File : BN014150.D
 Acq On : 31 Mar 2021 19:28
 Operator : CG/JU
 Sample : M1842-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE104D2-20210323

Quant Time: Apr 01 01:24:59 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)

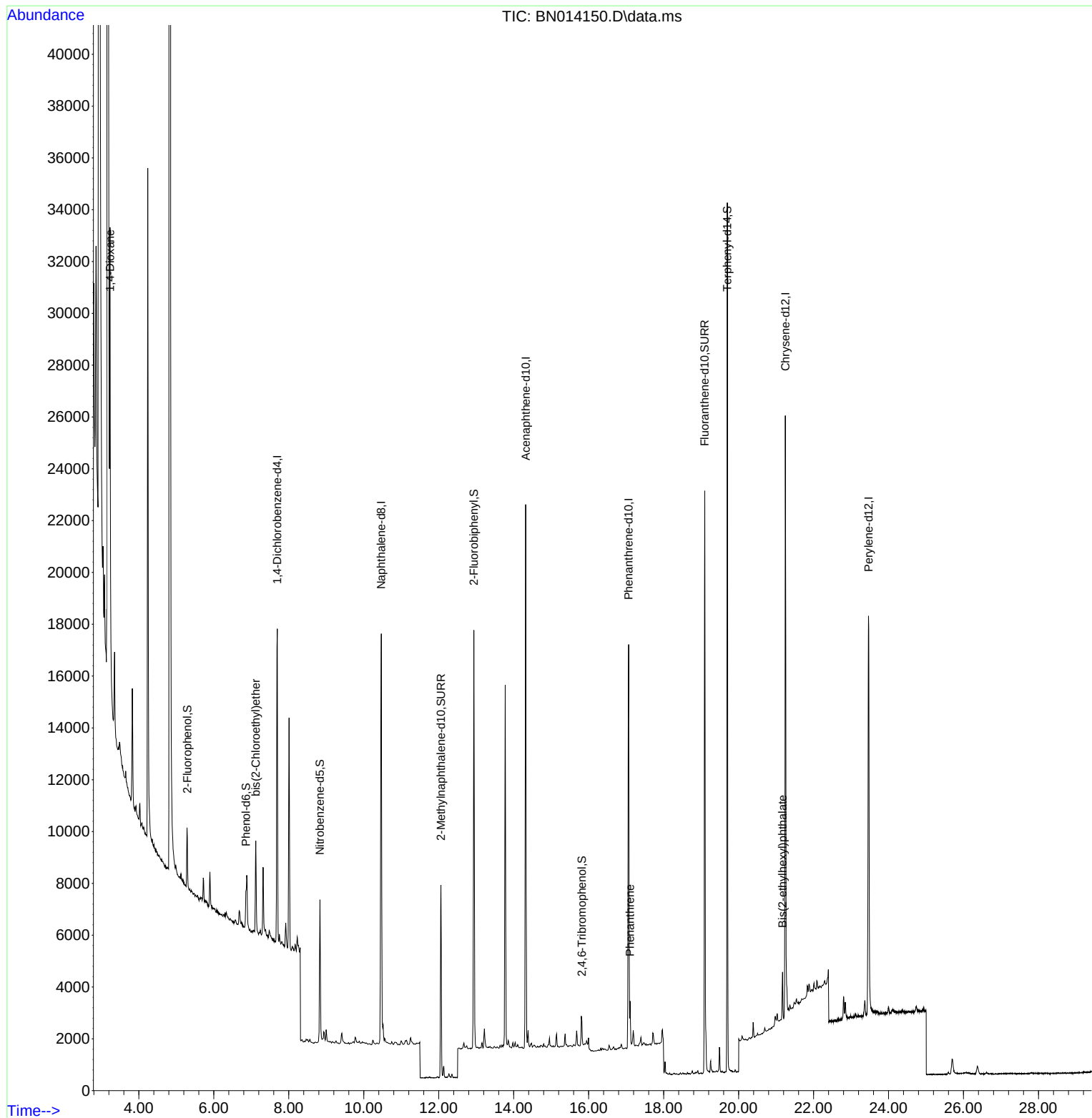
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.692	152	5878	0.40	ng	0.00
7) Naphthalene-d8	10.467	136	21403	0.40	ng	# 0.00
13) Acenaphthene-d10	14.321	164	11540	0.40	ng	0.00
19) Phenanthrene-d10	17.067	188	22875	0.40	ng	0.00
29) Chrysene-d12	21.247	240	21985	0.40	ng	0.00
36) Perylene-d12	23.466	264	21351	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.292	112	1728	0.11	ng	0.00
5) Phenol-d6	6.855	99	1183	0.06	ng	0.00
8) Nitrobenzene-d5	8.832	82	4381	0.30	ng	0.00
11) 2-Methylnaphthalene-d10	12.057	152	9751	0.30	ng	0.00
14) 2,4,6-Tribromophenol	15.818	330	934	0.25	ng	0.01
15) 2-Fluorobiphenyl	12.938	172	13361	0.31	ng	0.00
27) Fluoranthene-d10	19.096	212	25164	0.42	ng	0.00
31) Terphenyl-d14	19.697	244	31879	0.63	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.231	88	8870	1.17	ng	# 87
6) bis(2-Chloroethyl)ether	7.120	93	2797	0.18	ng	96
25) Phenanthrene	17.104	178	1681	0.03	ng	# 93
34) Bis(2-ethylhexyl)phtha...	21.173	149	1930	0.10	ng	96

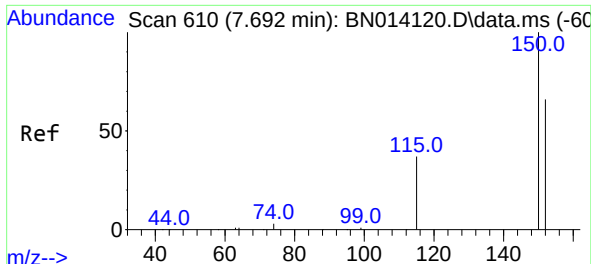
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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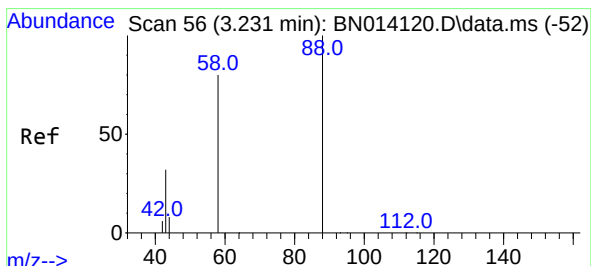
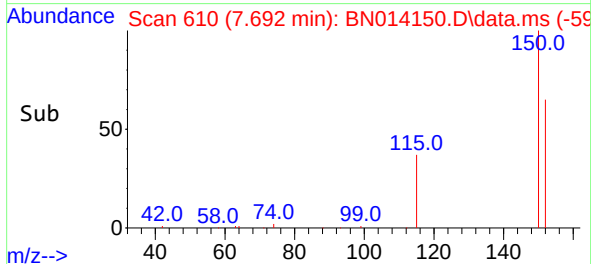
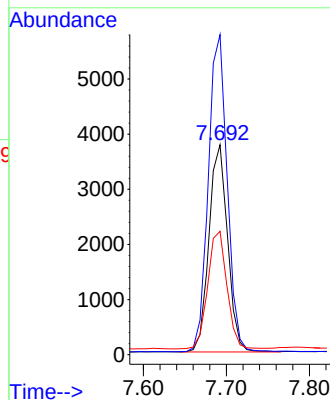
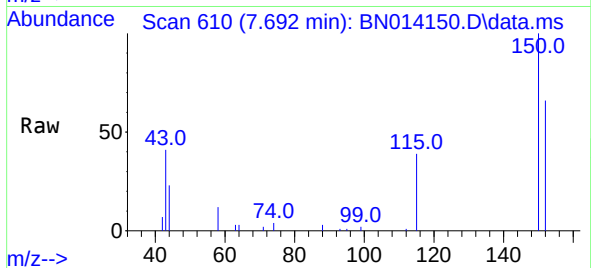


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.692 min Scan# 610
 Delta R.T. 0.008 min
 Lab File: BN014150.D
 Acq: 31 Mar 2021 19:28

Instrument :
 BNA_N
 ClientSampleId :
 RE104D2-20210323

Tgt Ion: 152 Resp: 5878

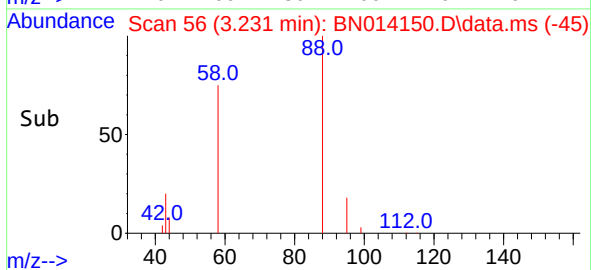
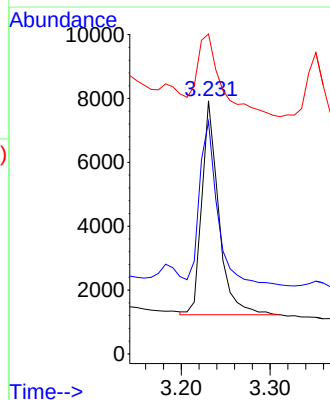
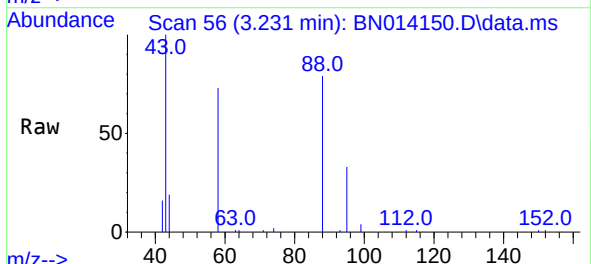
Ion	Ratio	Lower	Upper
152	100		
150	152.5	121.2	181.8
115	58.8	46.2	69.2

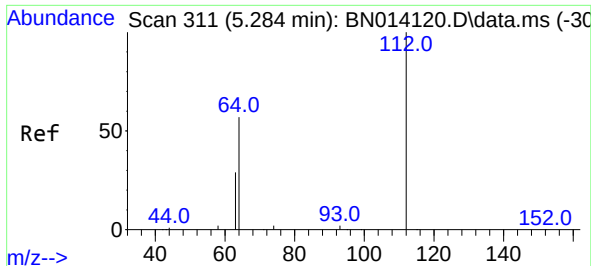


#2
 1,4-Dioxane
 Concen: 1.17 ng
 RT: 3.231 min Scan# 56
 Delta R.T. -0.008 min
 Lab File: BN014150.D
 Acq: 31 Mar 2021 19:28

Tgt Ion: 88 Resp: 8870

Ion	Ratio	Lower	Upper
88	100		
58	80.7	63.1	94.7
43	55.5	26.2	39.2

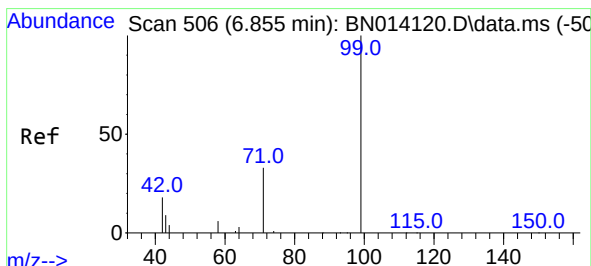
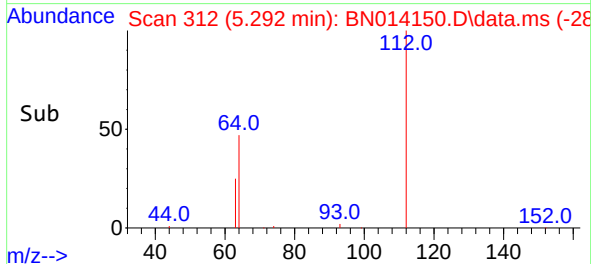
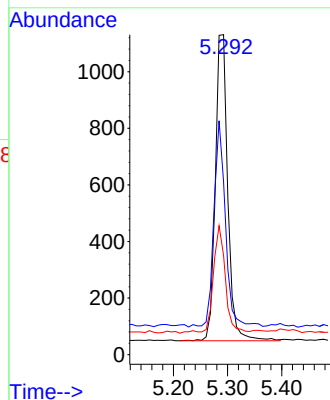
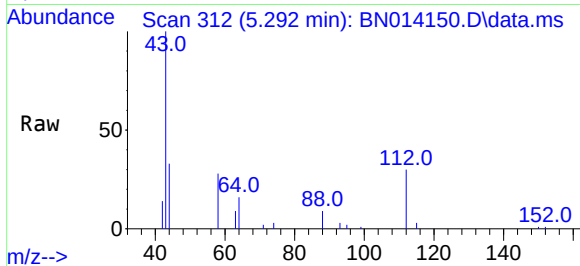




#4
2-Fluorophenol
Concen: 0.11 ng
RT: 5.292 min Scan# 312
Delta R.T. 0.008 min
Lab File: BN014150.D
Acq: 31 Mar 2021 19:28

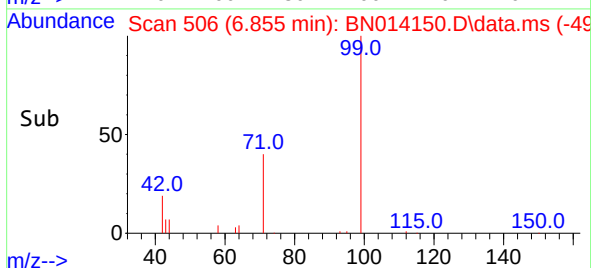
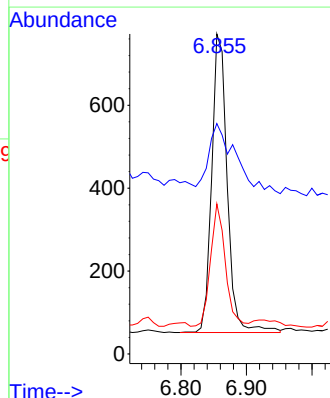
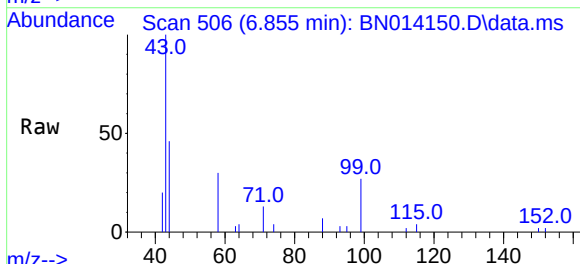
Instrument :
BNA_N
ClientSampleId :
RE104D2-20210323

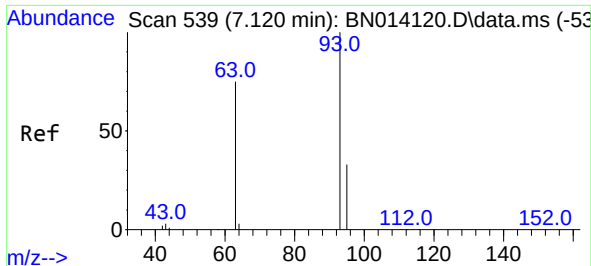
Tgt Ion:112 Resp: 1728
Ion Ratio Lower Upper
112 100
64 62.8 48.3 72.5
63 33.0 25.4 38.0



#5
Phenol-d6
Concen: 0.06 ng
RT: 6.855 min Scan# 506
Delta R.T. -0.000 min
Lab File: BN014150.D
Acq: 31 Mar 2021 19:28

Tgt Ion: 99 Resp: 1183
Ion Ratio Lower Upper
99 100
42 41.3 18.2 27.4#
71 39.4 26.7 40.1

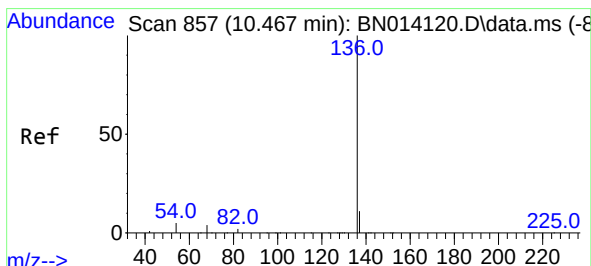
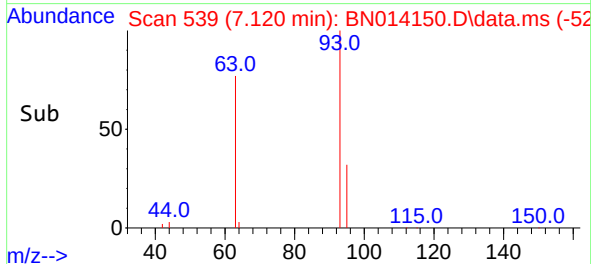
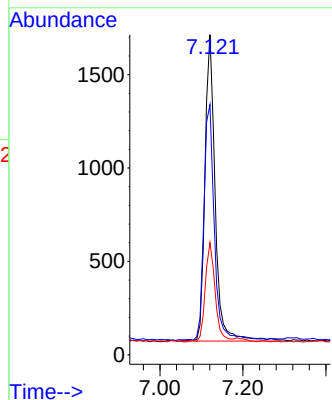
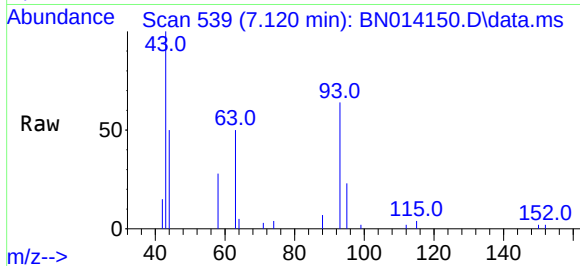




#6
bis(2-Chloroethyl)ether
Concen: 0.18 ng
RT: 7.120 min Scan# 539
Delta R.T. -0.000 min
Lab File: BN014150.D
Acq: 31 Mar 2021 19:28

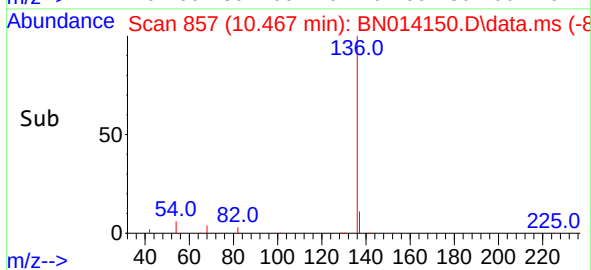
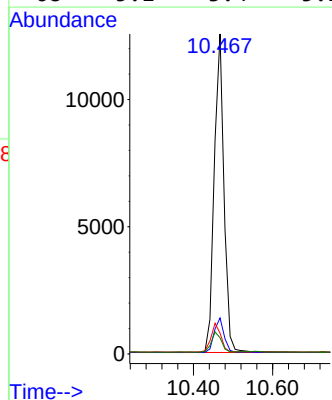
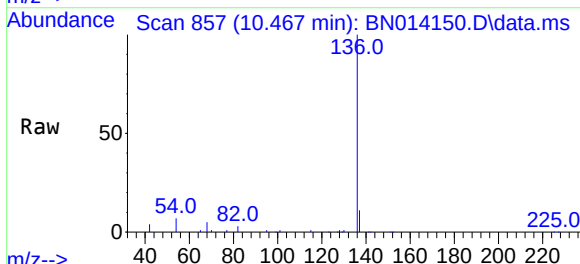
Instrument :
BNA_N
ClientSampleId :
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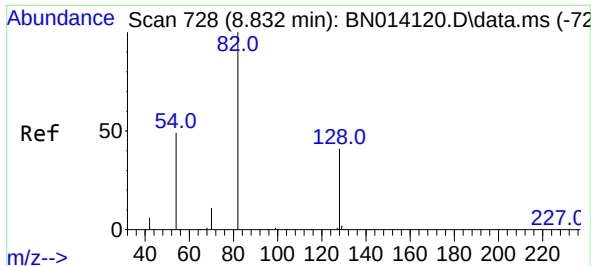
Tgt Ion: 93	Resp:	2797	
Ion	Ratio	Lower	Upper
93	100		
63	78.0	65.1	97.7
95	31.4	26.6	39.8



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.467 min Scan# 857
Delta R.T. -0.000 min
Lab File: BN014150.D
Acq: 31 Mar 2021 19:28

Tgt	Ion:136	Resp:	21403
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	6.5	4.3	6.5#
68	5.1	3.4	5.2

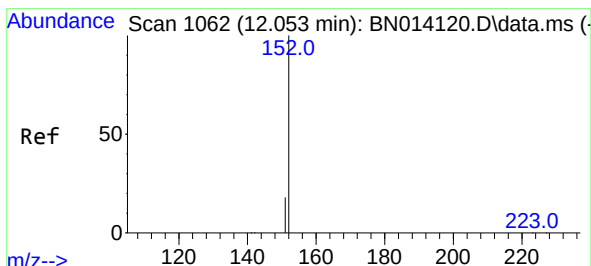
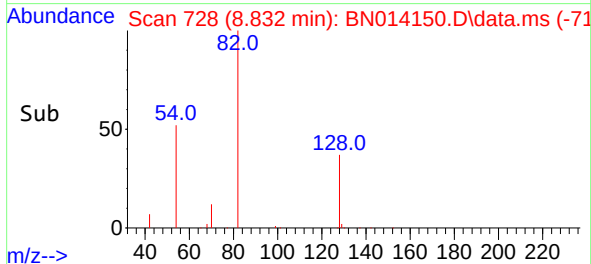
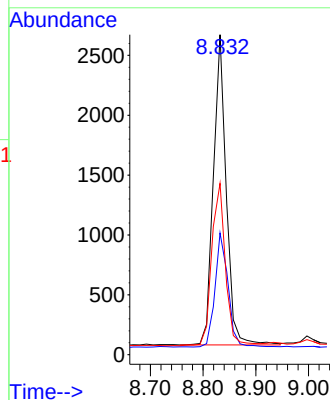
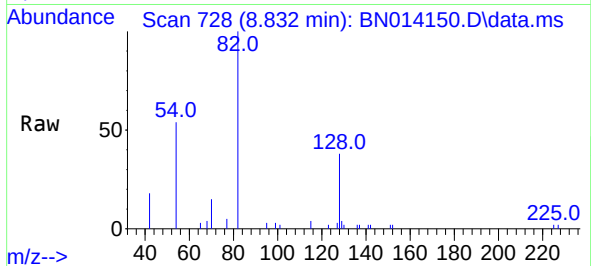




#8
Nitrobenzene-d5
Concen: 0.30 ng
RT: 8.832 min Scan# 728
Delta R.T. -0.000 min
Lab File: BN014150.D
Acq: 31 Mar 2021 19:28

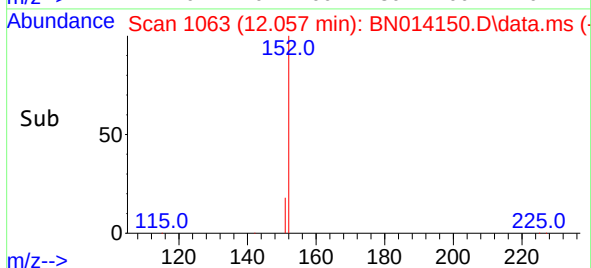
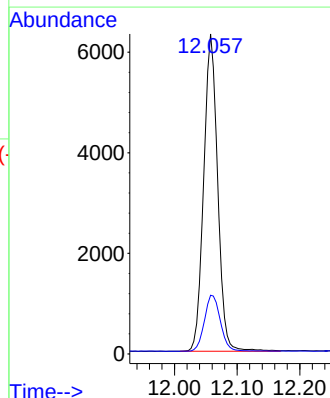
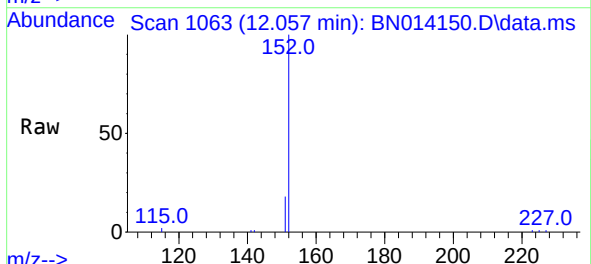
Instrument :
BNA_N
ClientSampleId :
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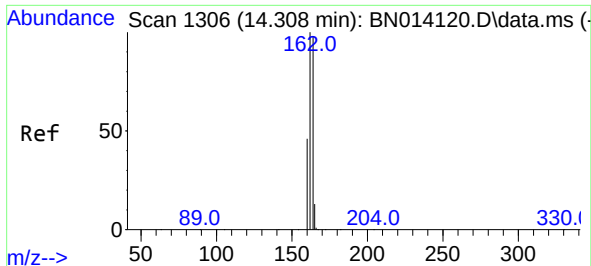
Tgt Ion:	82	Resp:	4381
Ion	Ratio	Lower	Upper
82	100		
128	38.0	33.5	50.3
54	53.6	40.3	60.5



#11
2-Methylnaphthalene-d10
Concen: 0.30 ng
RT: 12.057 min Scan# 1063
Delta R.T. 0.004 min
Lab File: BN014150.D
Acq: 31 Mar 2021 19:28

Tgt Ion:	152	Resp:	9751
Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.1	24.1

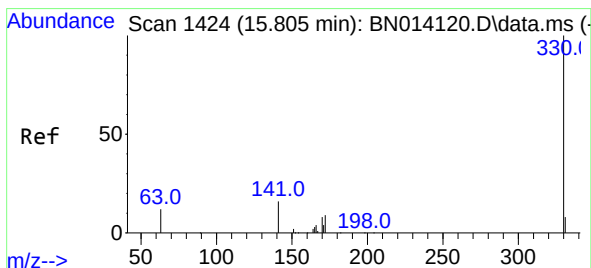
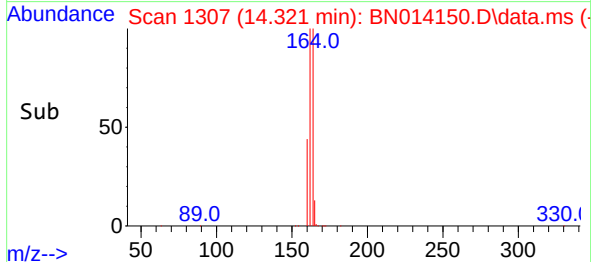
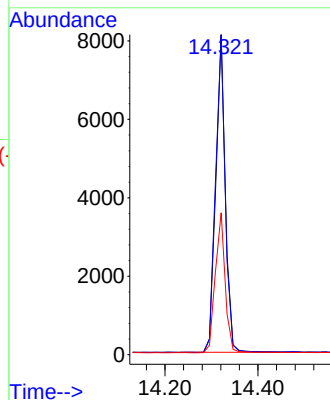
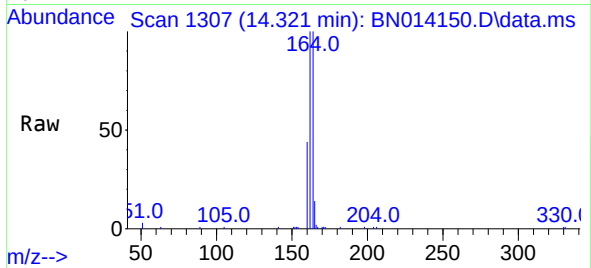




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.321 min Scan# 1307
Delta R.T. -0.000 min
Lab File: BN014150.D
Acq: 31 Mar 2021 19:28

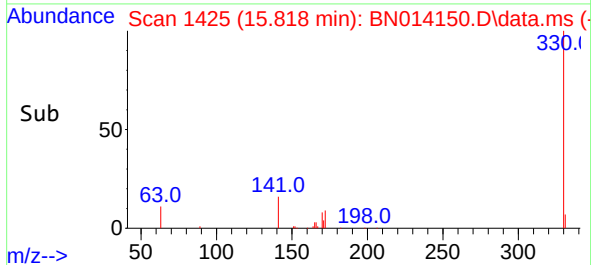
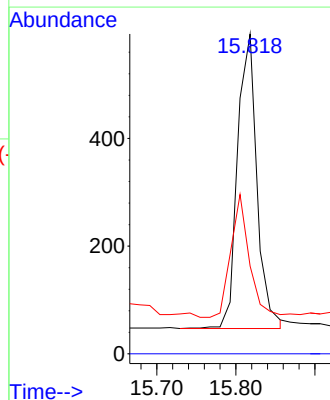
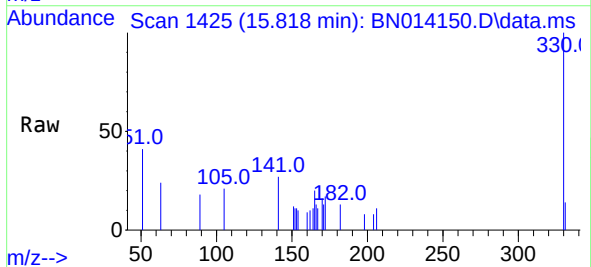
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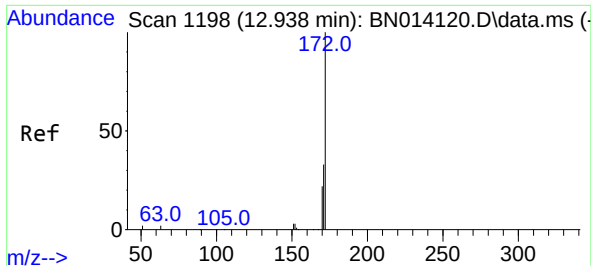
Tgt Ion:164 Resp: 11540
Ion Ratio Lower Upper
164 100
162 100.0 81.4 122.2
160 44.4 37.5 56.3



#14
2,4,6-Tribromophenol
Concen: 0.25 ng
RT: 15.818 min Scan# 1425
Delta R.T. 0.013 min
Lab File: BN014150.D
Acq: 31 Mar 2021 19:28

Tgt Ion:330 Resp: 934
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 39.7 31.2 46.8

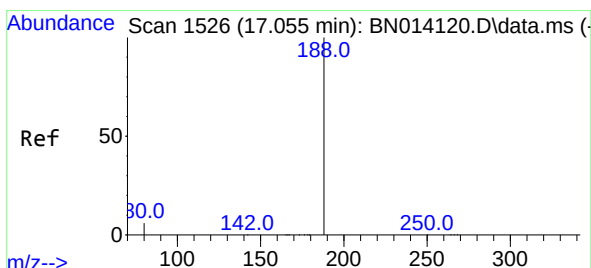
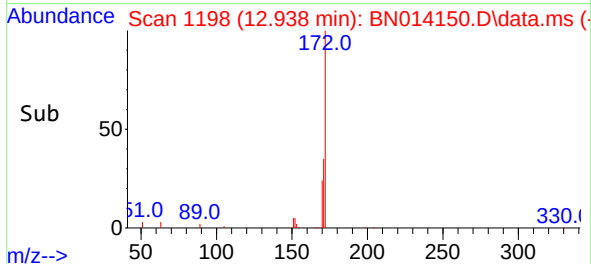
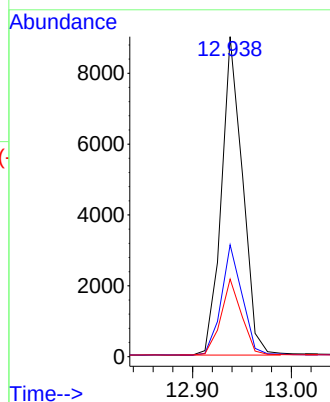
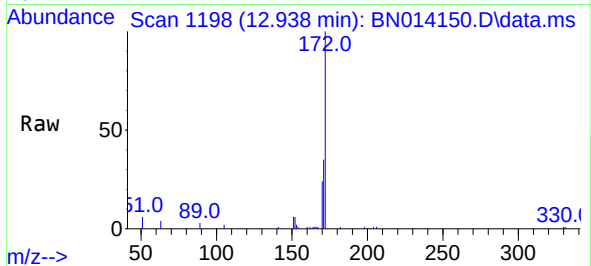




#15
2-Fluorobiphenyl
Concen: 0.31 ng
RT: 12.938 min Scan# 1198
Delta R.T. -0.000 min
Lab File: BN014150.D
Acq: 31 Mar 2021 19:28

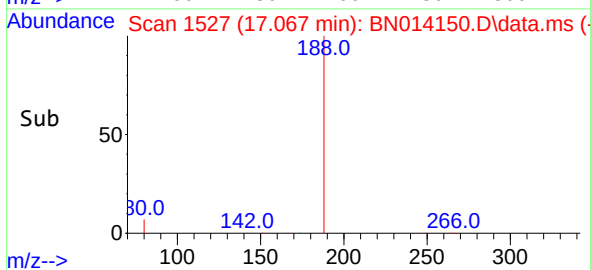
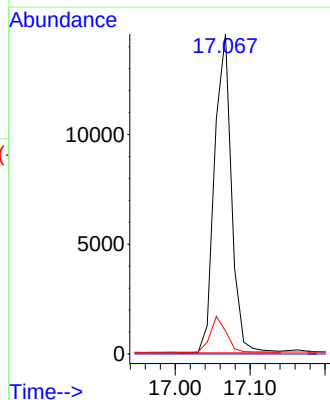
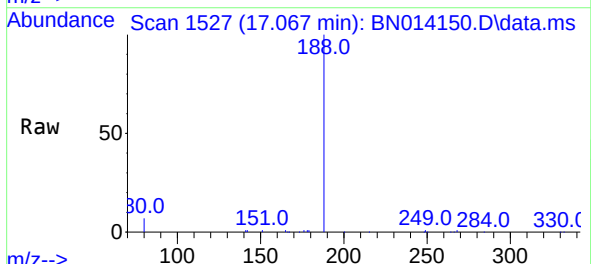
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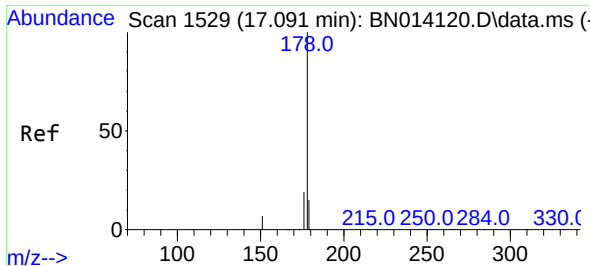
Tgt Ion:	172	Resp:	13361
Ion	Ratio	Lower	Upper
172	100		
171	34.9	26.9	40.3
170	24.3	17.8	26.8



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.067 min Scan# 1527
Delta R.T. -0.000 min
Lab File: BN014150.D
Acq: 31 Mar 2021 19:28

Tgt Ion:	188	Resp:	22875
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.2	5.2	7.8



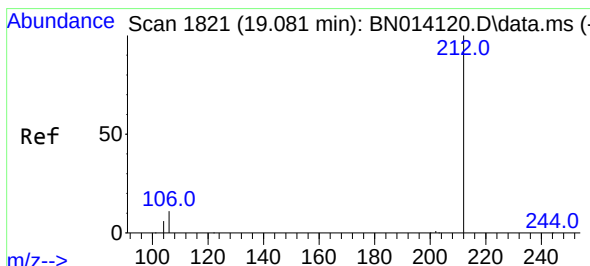
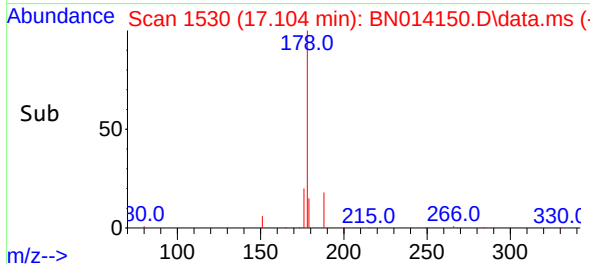
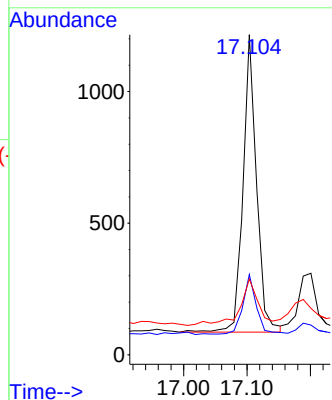
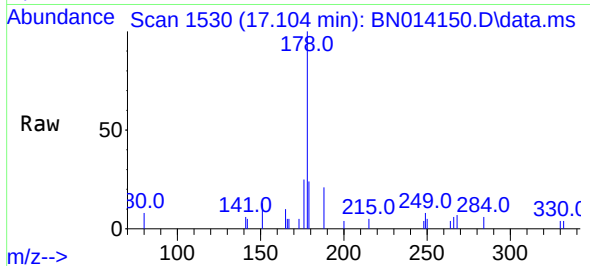


#25
Phenanthrene
Concen: 0.03 ng
RT: 17.104 min Scan# 1530
Delta R.T. -0.000 min
Lab File: BN014150.D
Acq: 31 Mar 2021 19:28

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Tgt Ion:178 Resp: 1681

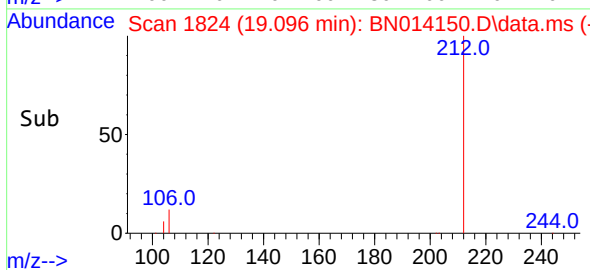
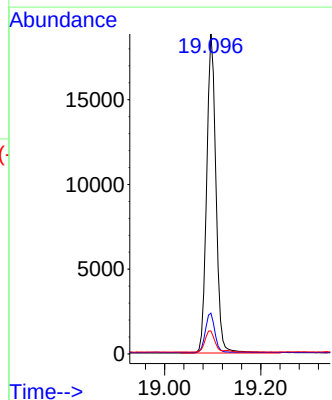
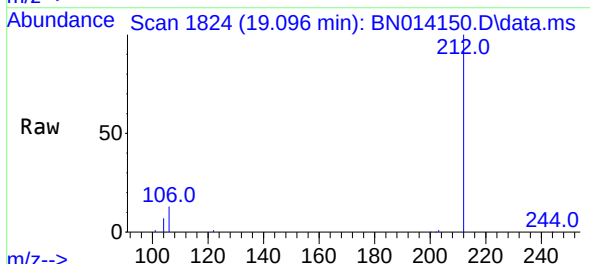
Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.0	22.6
179	20.9	12.4	18.6#

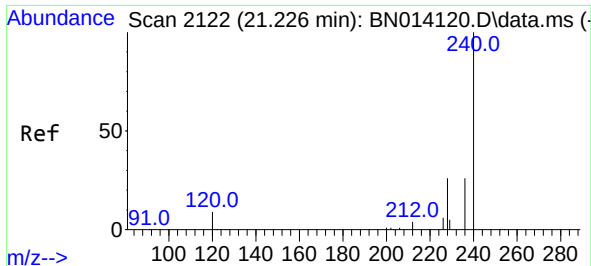


#27
Fluoranthene-d10
Concen: 0.42 ng
RT: 19.096 min Scan# 1824
Delta R.T. -0.000 min
Lab File: BN014150.D
Acq: 31 Mar 2021 19:28

Tgt Ion:212 Resp: 25164

Ion	Ratio	Lower	Upper
212	100		
106	12.6	10.1	15.1
104	6.9	5.5	8.3

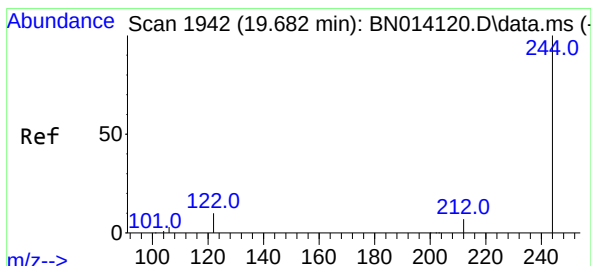
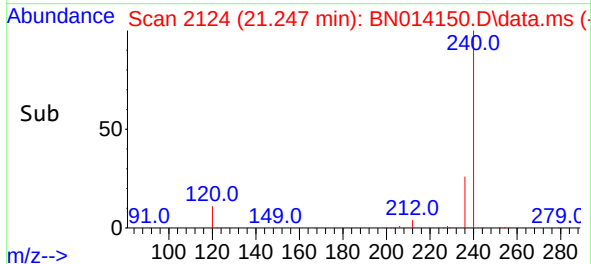
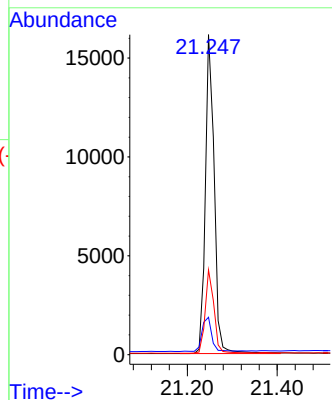
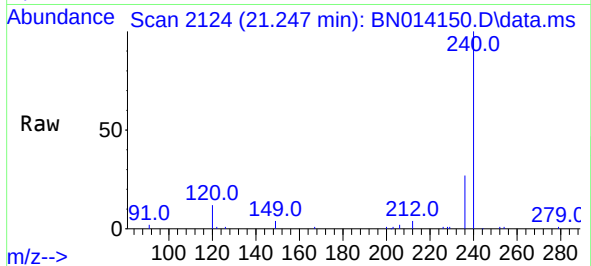




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.247 min Scan# 2124
Delta R.T. -0.000 min
Lab File: BN014150.D
Acq: 31 Mar 2021 19:28

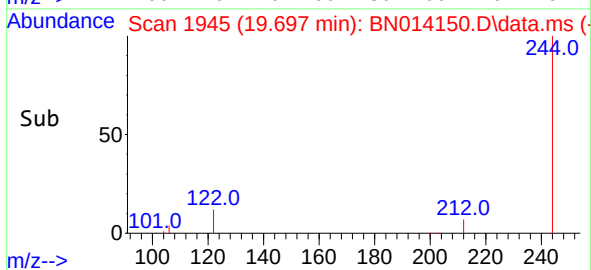
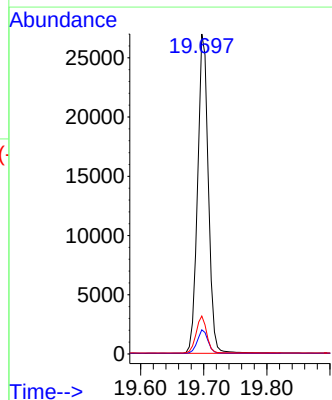
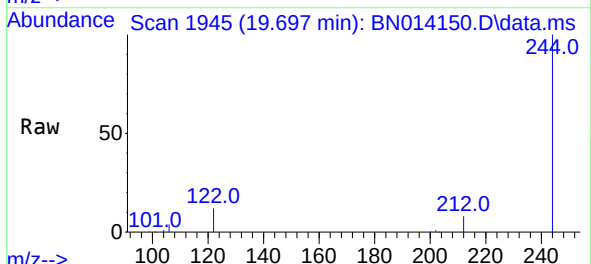
Instrument :
BNA_N
ClientSampleId :
RE104D2-20210323

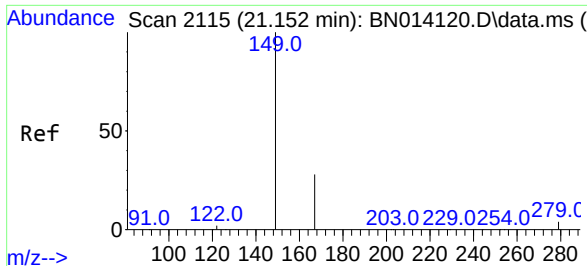
Tgt Ion:240 Resp: 21985
Ion Ratio Lower Upper
240 100
120 11.7 8.4 12.6
236 26.5 21.0 31.6



#31
Terphenyl-d14
Concen: 0.63 ng
RT: 19.697 min Scan# 1945
Delta R.T. -0.000 min
Lab File: BN014150.D
Acq: 31 Mar 2021 19:28

Tgt Ion:244 Resp: 31879
Ion Ratio Lower Upper
244 100
212 7.5 6.0 9.0
122 11.9 8.6 13.0

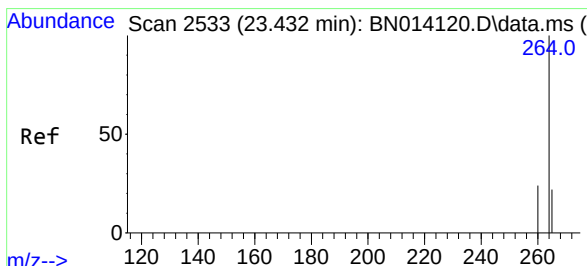
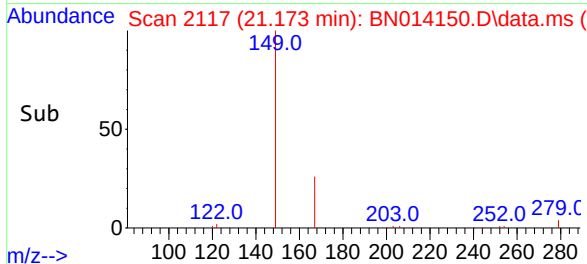
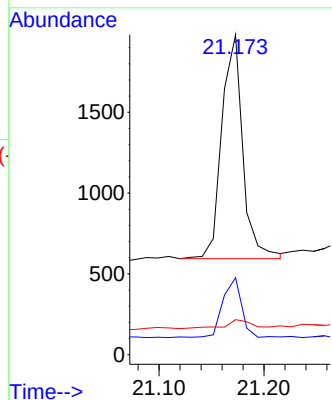
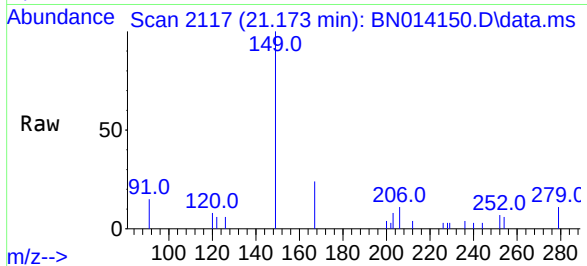




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.10 ng
RT: 21.173 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BN014150.D
Acq: 31 Mar 2021 19:28

Instrument :
BNA_N
ClientSampleId :
RE104D2-20210323

Tgt Ion:149 Resp: 1930
Ion Ratio Lower Upper
149 100
167 24.2 21.4 32.2
279 5.0 3.5 5.3



#36
Perylene-d12
Concen: 0.40 ng
RT: 23.466 min Scan# 2543
Delta R.T. -0.000 min
Lab File: BN014150.D
Acq: 31 Mar 2021 19:28

Tgt Ion:264 Resp: 21351
Ion Ratio Lower Upper
264 100
260 24.6 19.8 29.8
265 33.7 30.7 46.1

