

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032321\
 Data File : BN014043.D
 Acq On : 23 Mar 2021 15:29
 Operator : CG/JU
 Sample : M1735-16
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT101D2-20210316

Quant Time: Mar 23 16:00:19 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 23 11:06:27 2021
 Response via : Initial Calibration

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

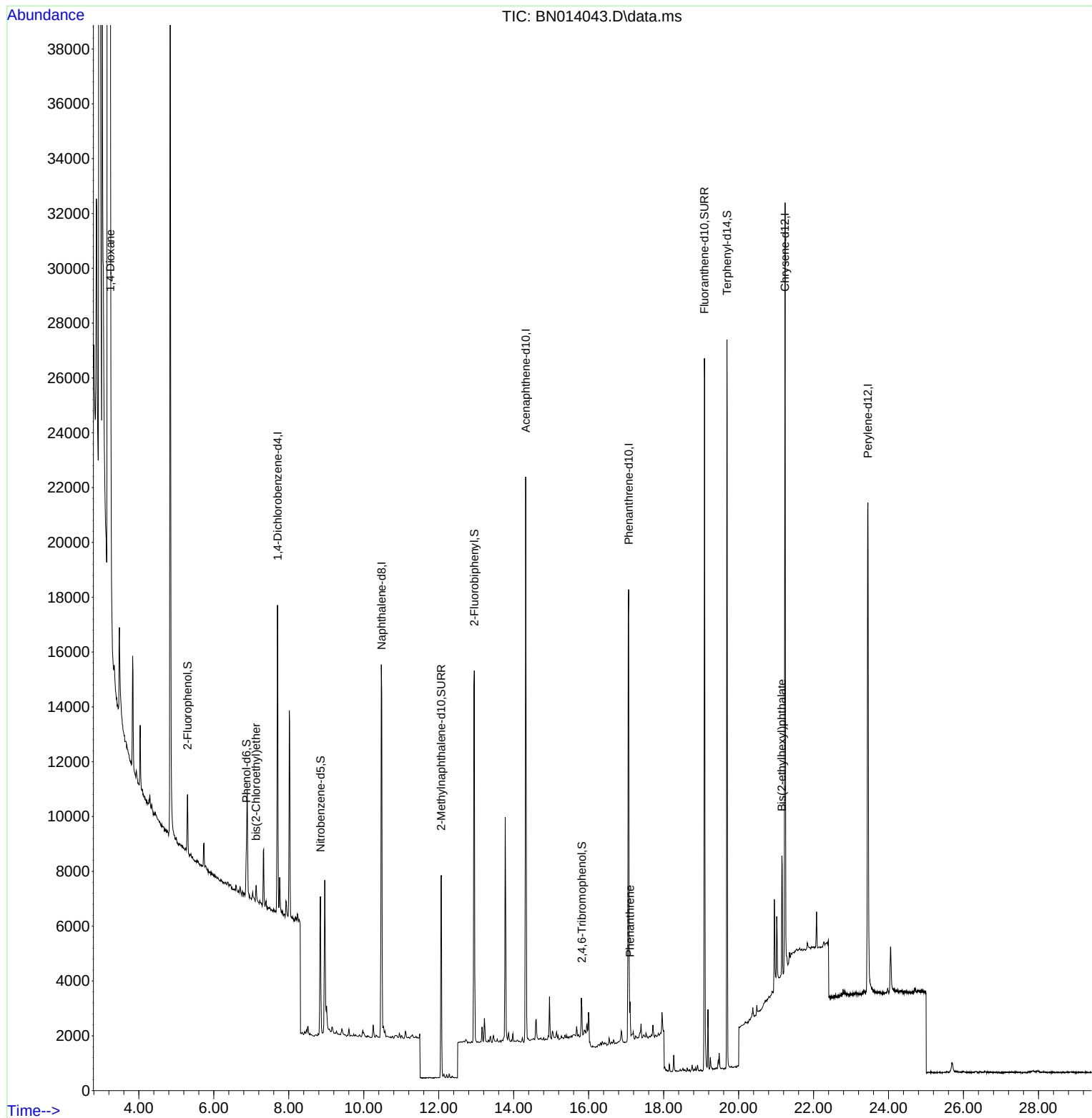
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.700	152	5106	0.40	ng	0.00
7) Naphthalene-d8	10.479	136	19570	0.40	ng	# 0.00
13) Acenaphthene-d10	14.320	164	11441	0.40	ng	0.00
19) Phenanthrene-d10	17.067	188	25389	0.40	ng	# 0.00
29) Chrysene-d12	21.239	240	25350	0.40	ng	# 0.00
36) Perylene-d12	23.448	264	23690	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.300	112	1718	0.15	ng	0.00
5) Phenol-d6	6.870	99	1252	0.08	ng	0.00
8) Nitrobenzene-d5	8.844	82	4247	0.33	ng	0.00
11) 2-Methylnaphthalene-d10	12.066	152	9953	0.33	ng	0.00
14) 2,4,6-Tribromophenol	15.817	330	1047	0.28	ng	0.00
15) 2-Fluorobiphenyl	12.950	172	13558	0.32	ng	0.00
27) Fluoranthene-d10	19.089	212	29454	0.42	ng	0.00
31) Terphenyl-d14	19.689	244	25579	0.46	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.238	88	13410	1.99	ng	# 88
6) bis(2-Chloroethyl)ether	7.128	93	459	0.03	ng	98
25) Phenanthrene	17.104	178	1447	0.02	ng	# 94
34) Bis(2-ethylhexyl)phtha...	21.154	149	4664	0.17	ng	98

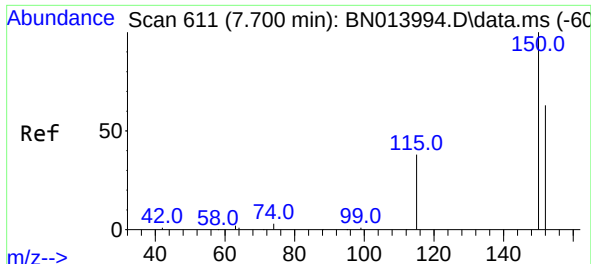
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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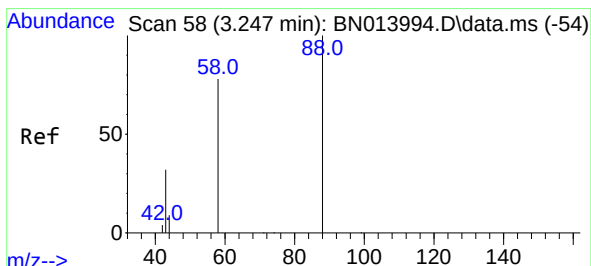
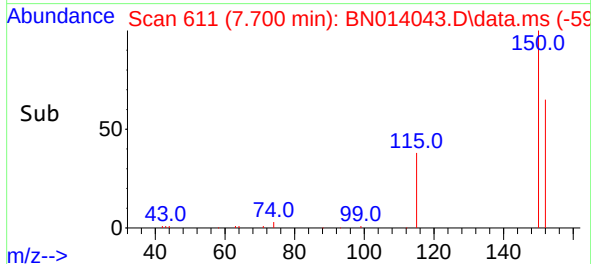
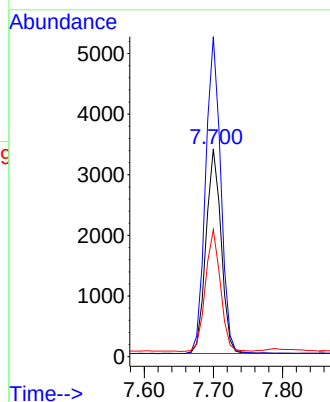
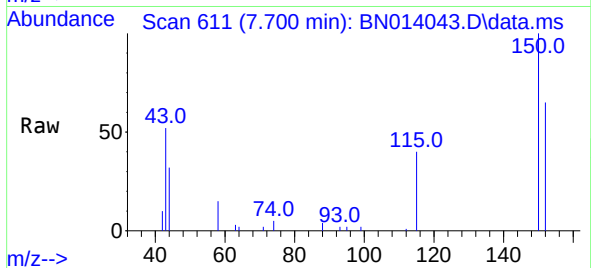


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.700 min Scan# 611
 Delta R.T. -0.000 min
 Lab File: BN014043.D
 Acq: 23 Mar 2021 15:29

Instrument :
 BNA_N
 ClientSampleId :
 TT101D2-20210316

Tgt Ion: 152 Resp: 5106

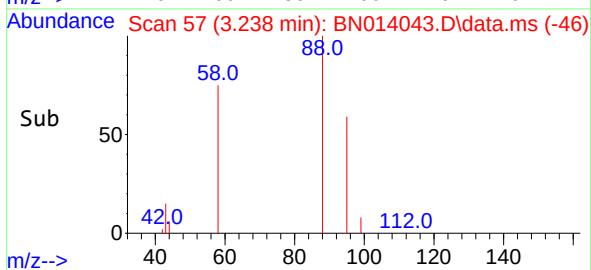
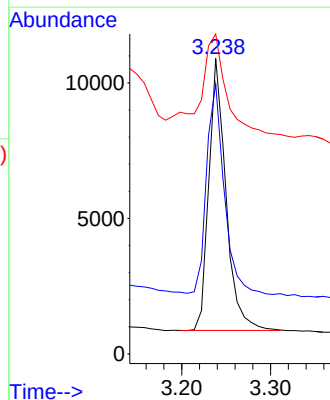
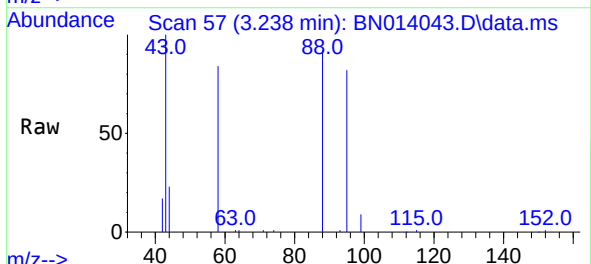
Ion	Ratio	Lower	Upper
152	100		
150	154.0	121.8	182.8
115	61.1	46.6	69.8

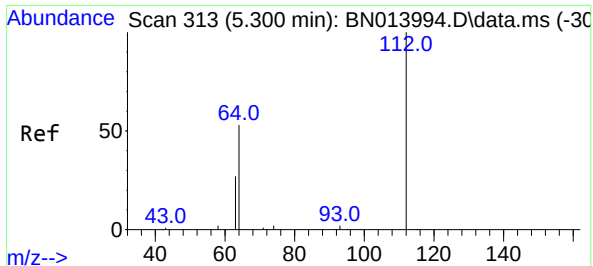


#2
 1,4-Dioxane
 Concen: 1.99 ng
 RT: 3.238 min Scan# 57
 Delta R.T. -0.008 min
 Lab File: BN014043.D
 Acq: 23 Mar 2021 15:29

Tgt Ion: 88 Resp: 13410

Ion	Ratio	Lower	Upper
88	100		
58	80.1	64.6	96.8
43	56.5	26.6	40.0



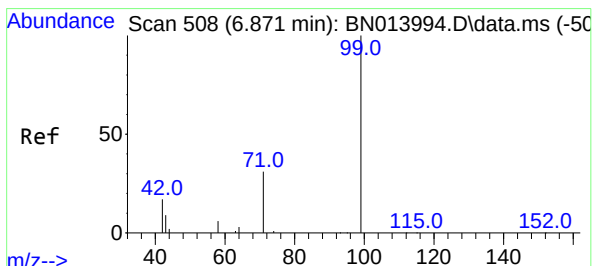
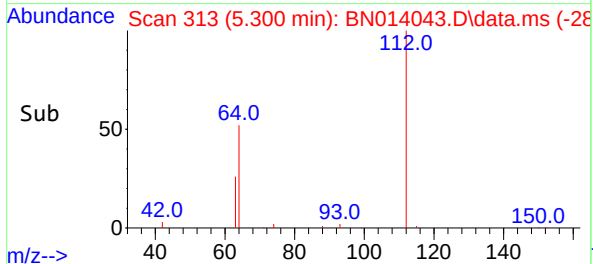
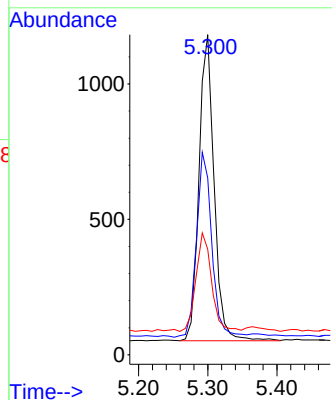
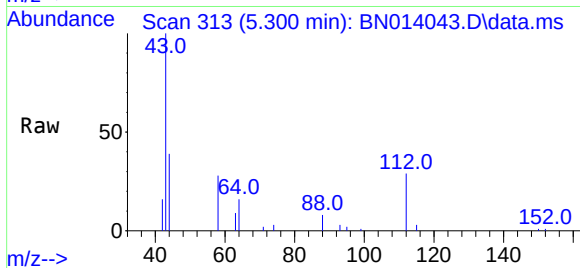


#4
2-Fluorophenol
Concen: 0.15 ng
RT: 5.300 min Scan# 313
Delta R.T. 0.008 min
Lab File: BN014043.D
Acq: 23 Mar 2021 15:29

Instrument :
BNA_N
ClientSampleId :
TT101D2-20210316

Tgt Ion: 112 Resp: 1718

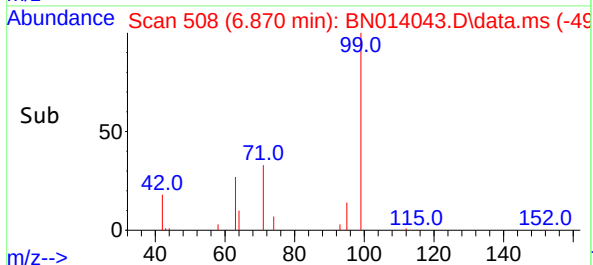
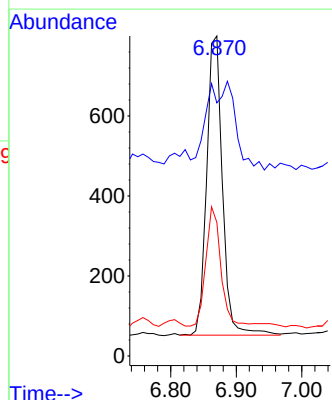
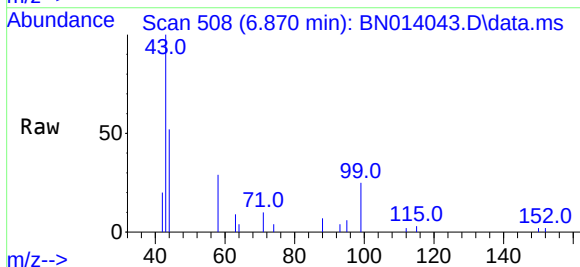
Ion	Ratio	Lower	Upper
112	100		
64	61.1	44.3	66.5
63	33.5	23.0	34.6

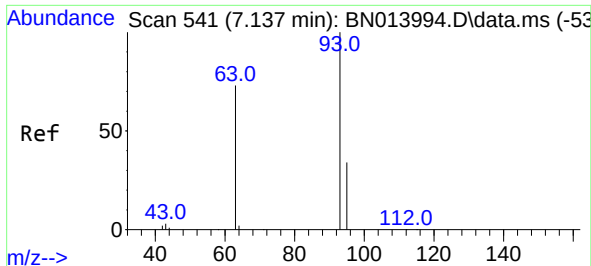


#5
Phenol-d6
Concen: 0.08 ng
RT: 6.870 min Scan# 508
Delta R.T. 0.008 min
Lab File: BN014043.D
Acq: 23 Mar 2021 15:29

Tgt Ion: 99 Resp: 1252

Ion	Ratio	Lower	Upper
99	100		
42	0.0	15.2	22.8#
71	37.5	26.1	39.1

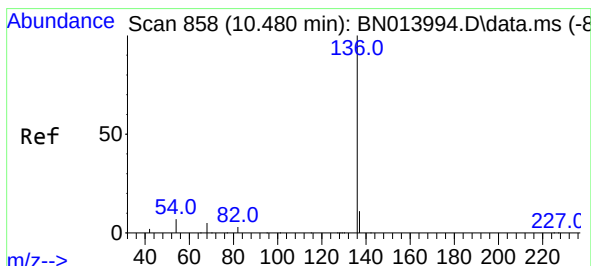
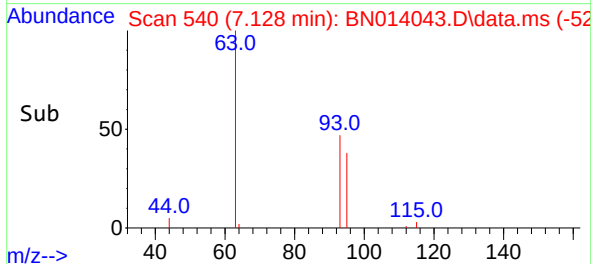
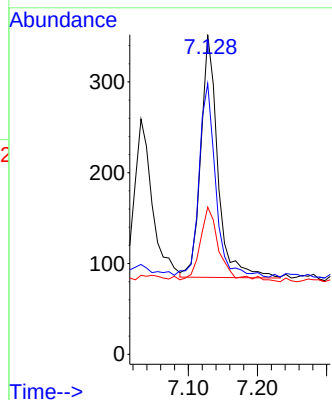
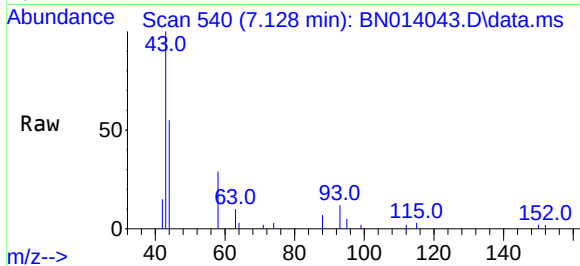




#6
bis(2-Chloroethyl)ether
Concen: 0.03 ng
RT: 7.128 min Scan# 540
Delta R.T. 0.000 min
Lab File: BN014043.D
Acq: 23 Mar 2021 15:29

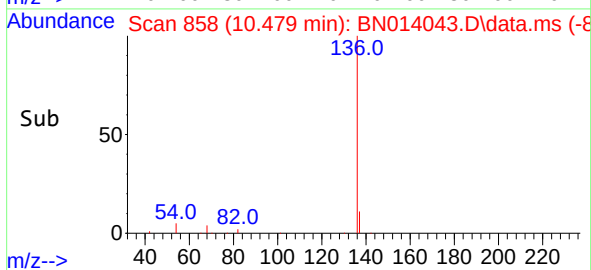
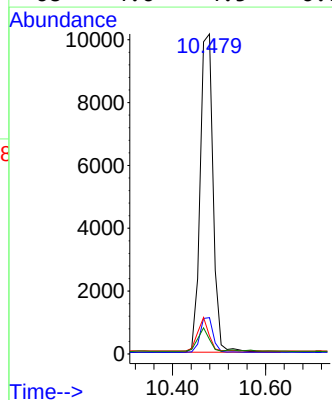
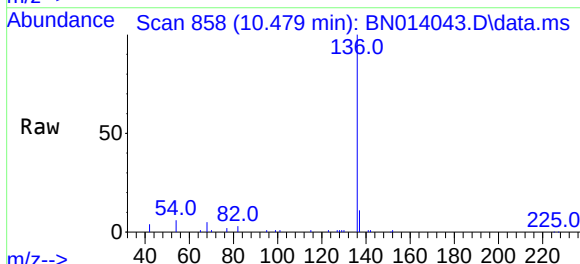
Instrument :
BNA_N
ClientSampleId :
TT101D2-20210316

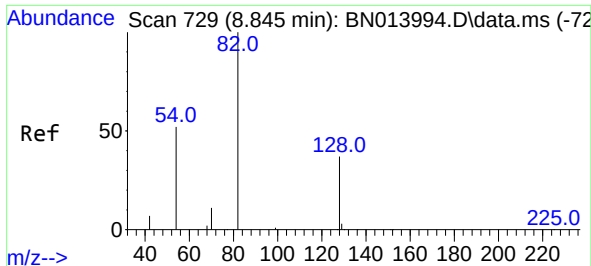
Tgt Ion:	93	Resp:	459
Ion	Ratio	Lower	Upper
93	100		
63	78.0	60.8	91.2
95	31.2	26.0	39.0



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.479 min Scan# 858
Delta R.T. 0.000 min
Lab File: BN014043.D
Acq: 23 Mar 2021 15:29

Tgt Ion:	136	Resp:	19570
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.6
54	5.7	6.4	9.6#
68	4.6	4.5	6.7

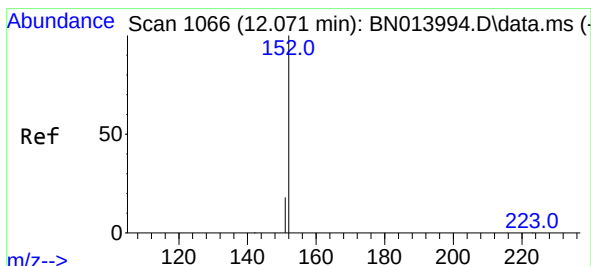
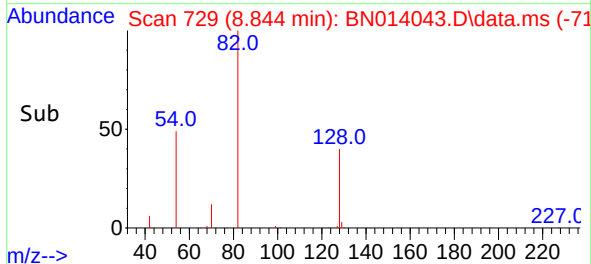
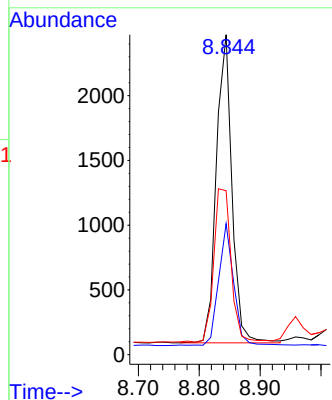
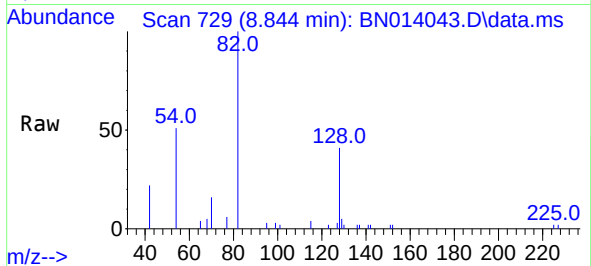




#8
Nitrobenzene-d5
Concen: 0.33 ng
RT: 8.844 min Scan# 729
Delta R.T. 0.000 min
Lab File: BN014043.D
Acq: 23 Mar 2021 15:29

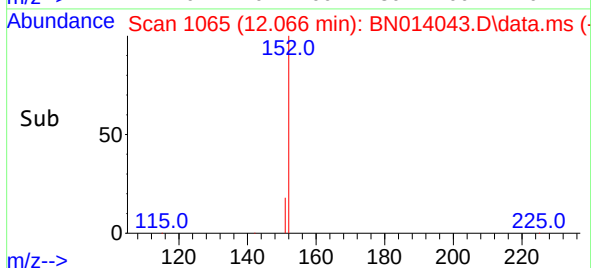
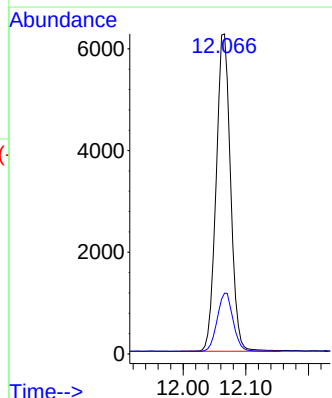
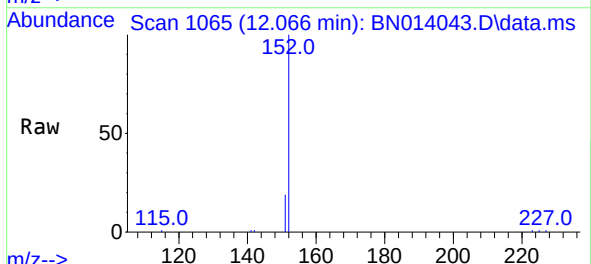
Instrument :
BNA_N
ClientSampleId :
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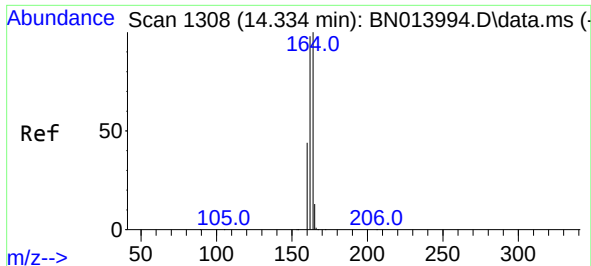
Tgt Ion: 82 Resp: 4247
Ion Ratio Lower Upper
82 100
128 41.0 39.2 58.8
54 51.3 40.1 60.1



#11
2-Methylnaphthalene-d10
Concen: 0.33 ng
RT: 12.066 min Scan# 1065
Delta R.T. 0.000 min
Lab File: BN014043.D
Acq: 23 Mar 2021 15:29

Tgt Ion: 152 Resp: 9953
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.2

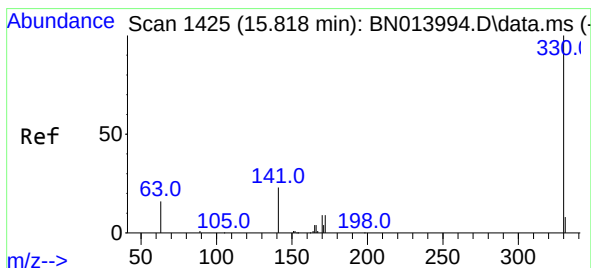
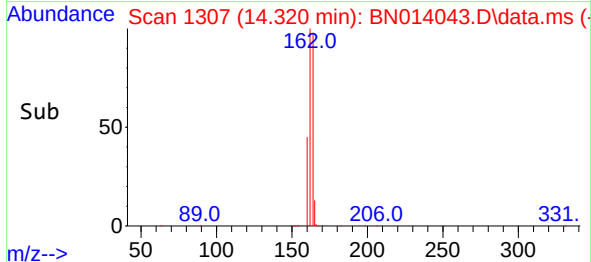
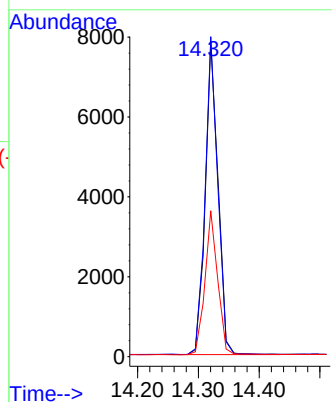
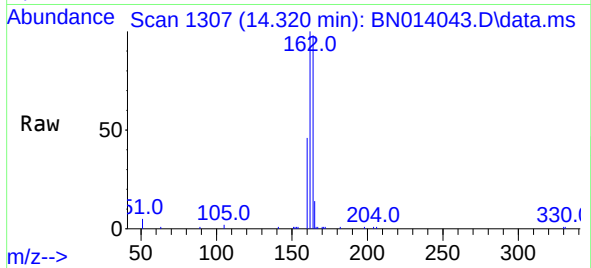




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.320 min Scan# 1307
Delta R.T. 0.000 min
Lab File: BN014043.D
Acq: 23 Mar 2021 15:29

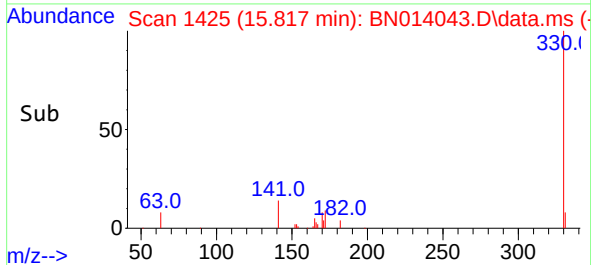
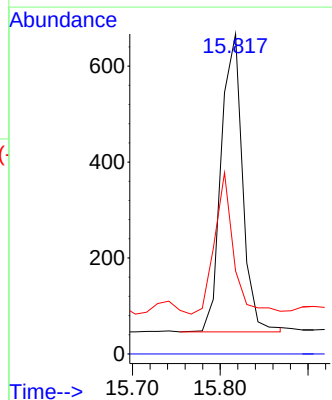
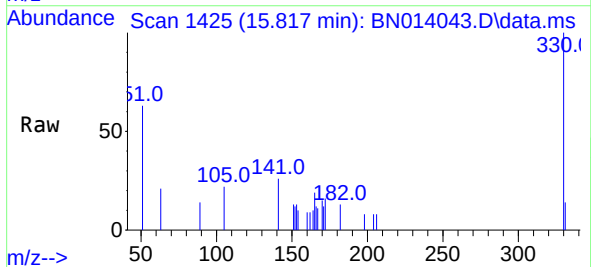
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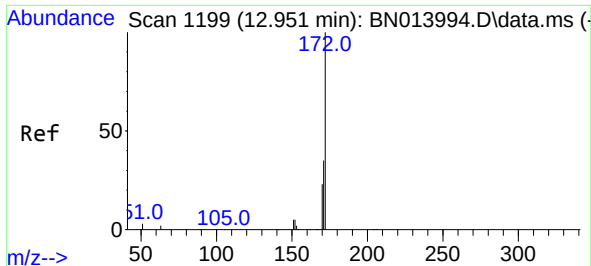
Tgt Ion:164 Resp: 11441
Ion Ratio Lower Upper
164 100
162 101.6 79.6 119.4
160 46.4 36.0 54.0



#14
2,4,6-Tribromophenol
Concen: 0.28 ng
RT: 15.817 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BN014043.D
Acq: 23 Mar 2021 15:29

Tgt Ion:330 Resp: 1047
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 42.6 26.8 40.2#

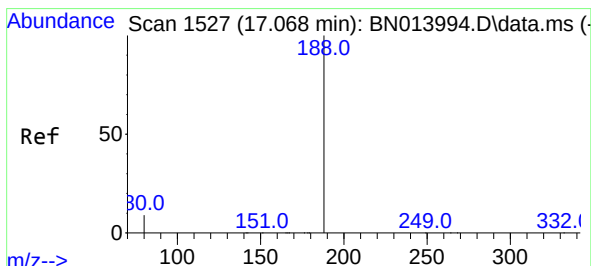
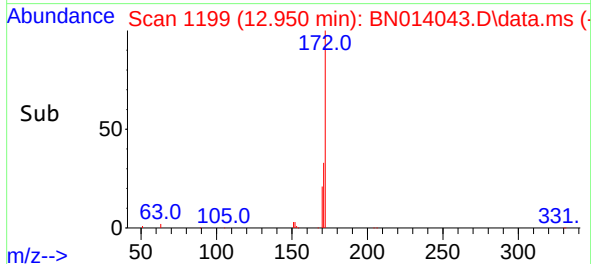
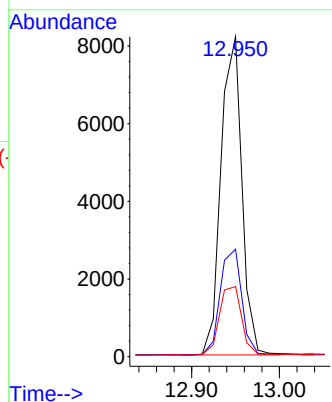
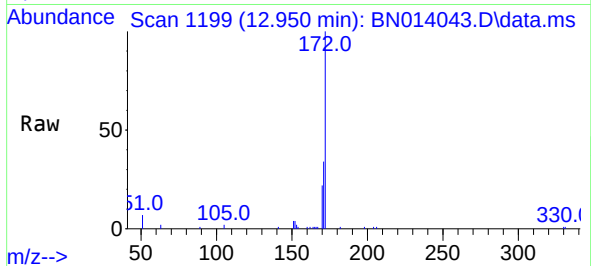




#15
2-Fluorobiphenyl
Concen: 0.32 ng
RT: 12.950 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BN014043.D
Acq: 23 Mar 2021 15:29

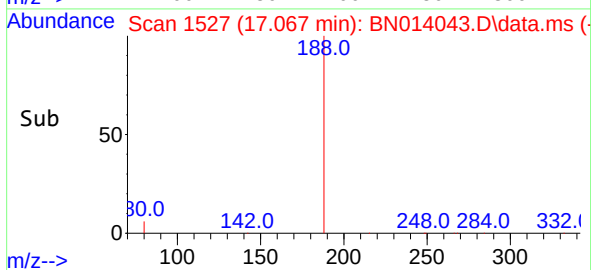
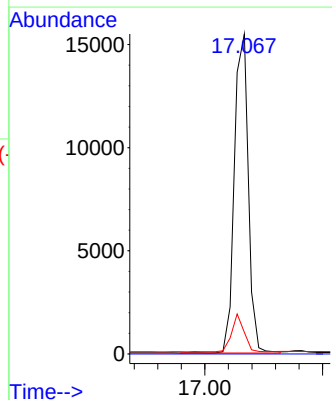
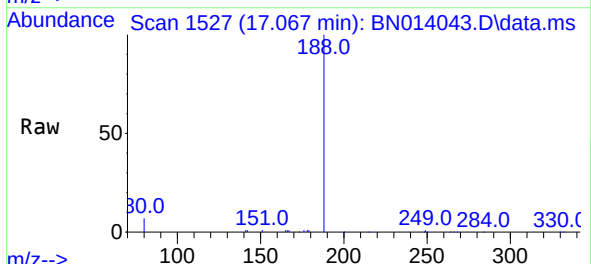
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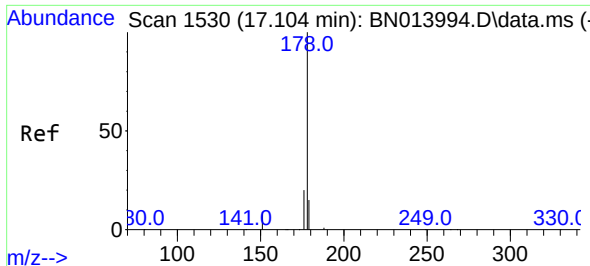
Tgt Ion:	172	Resp:	13558
Ion	Ratio	Lower	Upper
172	100		
171	33.6	28.6	42.8
170	21.9	18.9	28.3



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.067 min Scan# 1527
Delta R.T. 0.000 min
Lab File: BN014043.D
Acq: 23 Mar 2021 15:29

Tgt Ion:	188	Resp:	25389
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.8	9.0	13.6

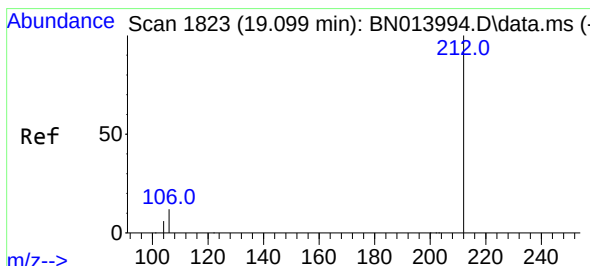
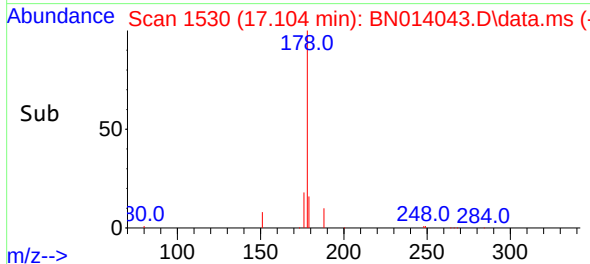
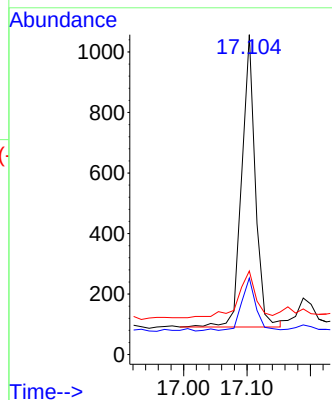
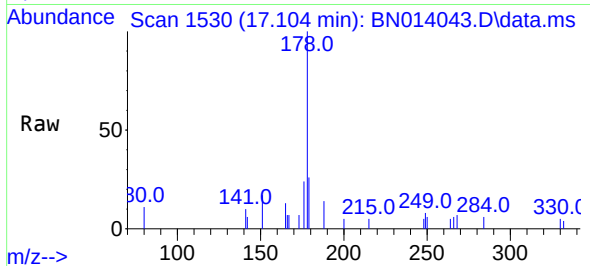




#25
Phenanthrene
Concen: 0.02 ng
RT: 17.104 min Scan# 1530
Delta R.T. 0.000 min
Lab File: BN014043.D
Acq: 23 Mar 2021 15:29

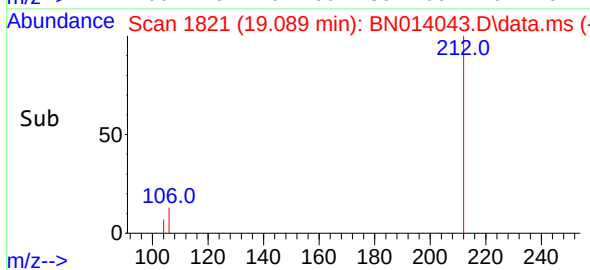
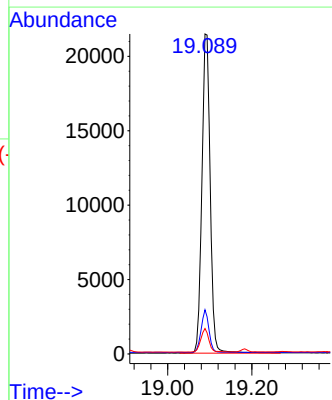
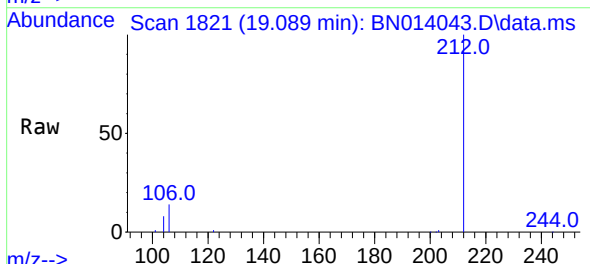
Instrument :
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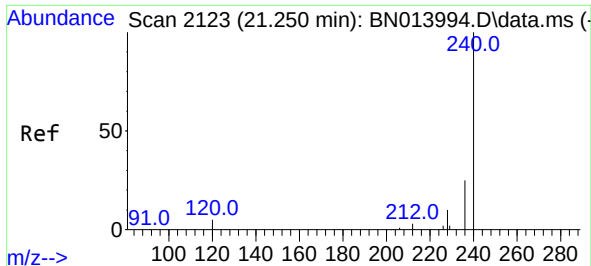
Tgt Ion:	178	Resp:	1447
Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.0	22.4
179	20.3	12.3	18.5



#27
Fluoranthene-d10
Concen: 0.42 ng
RT: 19.089 min Scan# 1821
Delta R.T. 0.000 min
Lab File: BN014043.D
Acq: 23 Mar 2021 15:29

Tgt Ion:	212	Resp:	29454
Ion	Ratio	Lower	Upper
212	100		
106	12.6	9.7	14.5
104	7.1	5.5	8.3

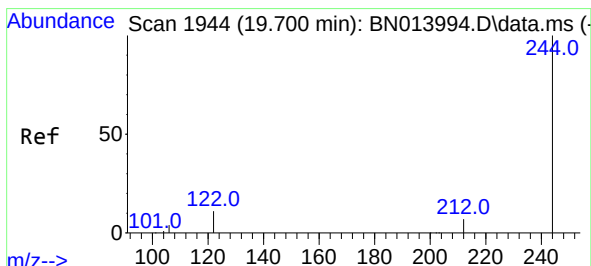
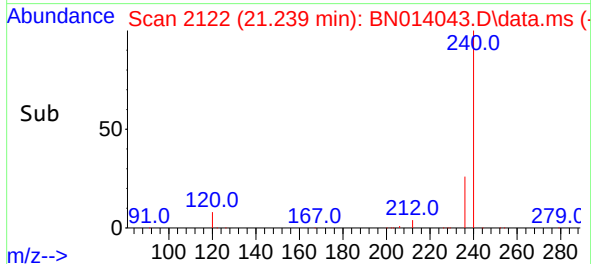
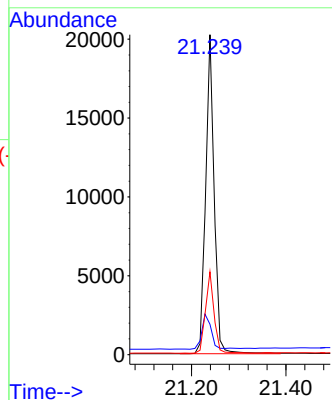
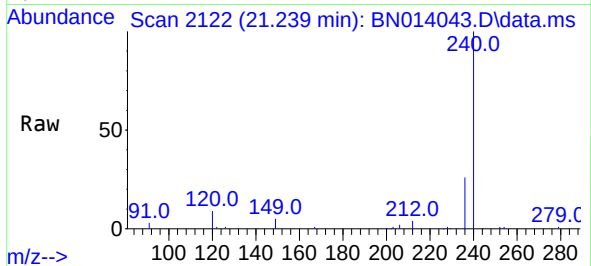




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.239 min Scan# 2122
Delta R.T. 0.000 min
Lab File: BN014043.D
Acq: 23 Mar 2021 15:29

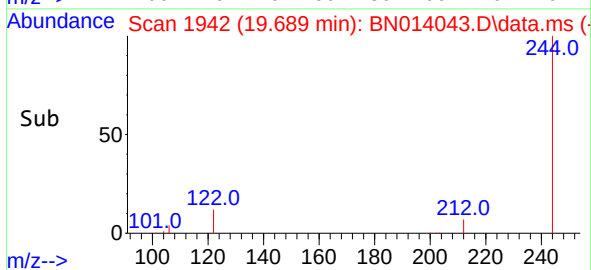
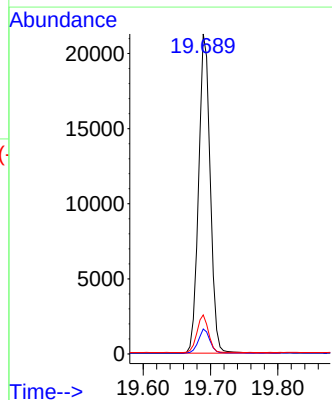
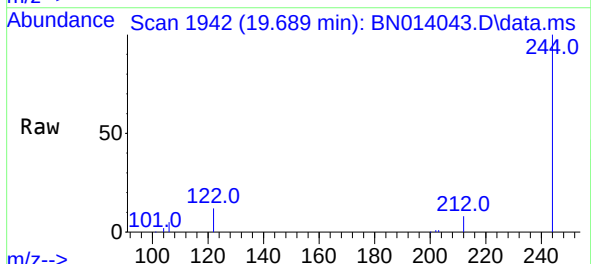
Instrument :
BNA_N
ClientSampleId :
TT101D2-20210316

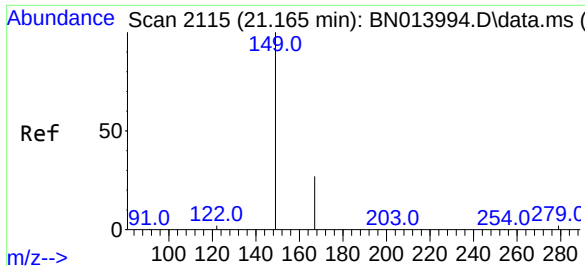
Tgt Ion:240 Resp: 25350
Ion Ratio Lower Upper
240 100
120 9.5 10.2 15.4#
236 25.9 21.3 31.9



#31
Terphenyl-d14
Concen: 0.46 ng
RT: 19.689 min Scan# 1942
Delta R.T. 0.000 min
Lab File: BN014043.D
Acq: 23 Mar 2021 15:29

Tgt Ion:244 Resp: 25579
Ion Ratio Lower Upper
244 100
212 7.8 6.1 9.1
122 12.2 9.8 14.8



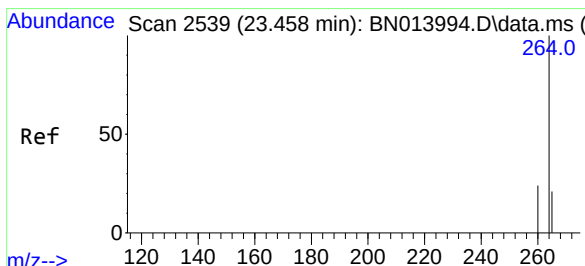
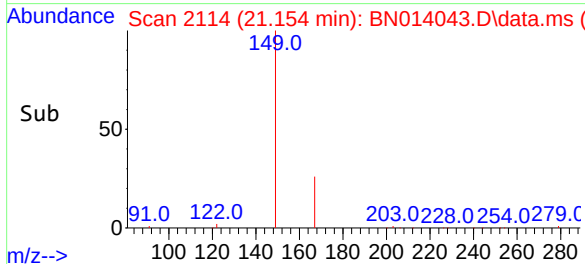
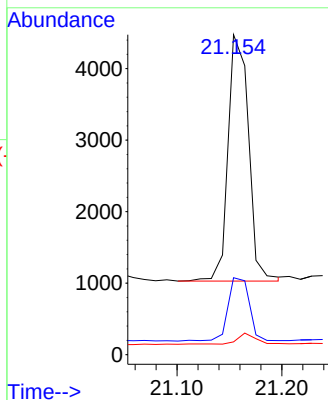
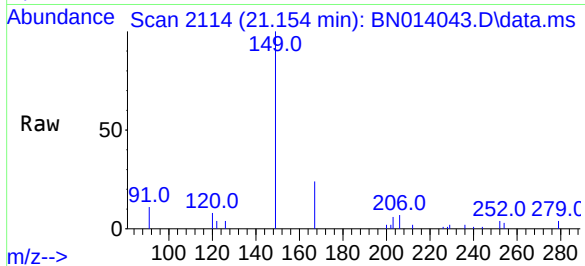


#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.17 ng
 RT: 21.154 min Scan# 2114
 Delta R.T. 0.000 min
 Lab File: BN014043.D
 Acq: 23 Mar 2021 15:29

Instrument :
 BNA_N
 ClientSampleId :
 TT101D2-20210316

Tgt Ion:149 Resp: 4664

Ion	Ratio	Lower	Upper
149	100		
167	26.7	22.1	33.1
279	4.7	3.5	5.3



#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.448 min Scan# 2536
 Delta R.T. 0.000 min
 Lab File: BN014043.D
 Acq: 23 Mar 2021 15:29

Tgt Ion:264 Resp: 23690

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.3	28.9
265	34.7	66.2	99.4#

