

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033121\
 Data File : BN014169.D
 Acq On : 01 Apr 2021 08:38
 Operator : CG/JU
 Sample : M1843-03
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW179D2-20210324

Quant Time: Apr 01 09:22:54 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)

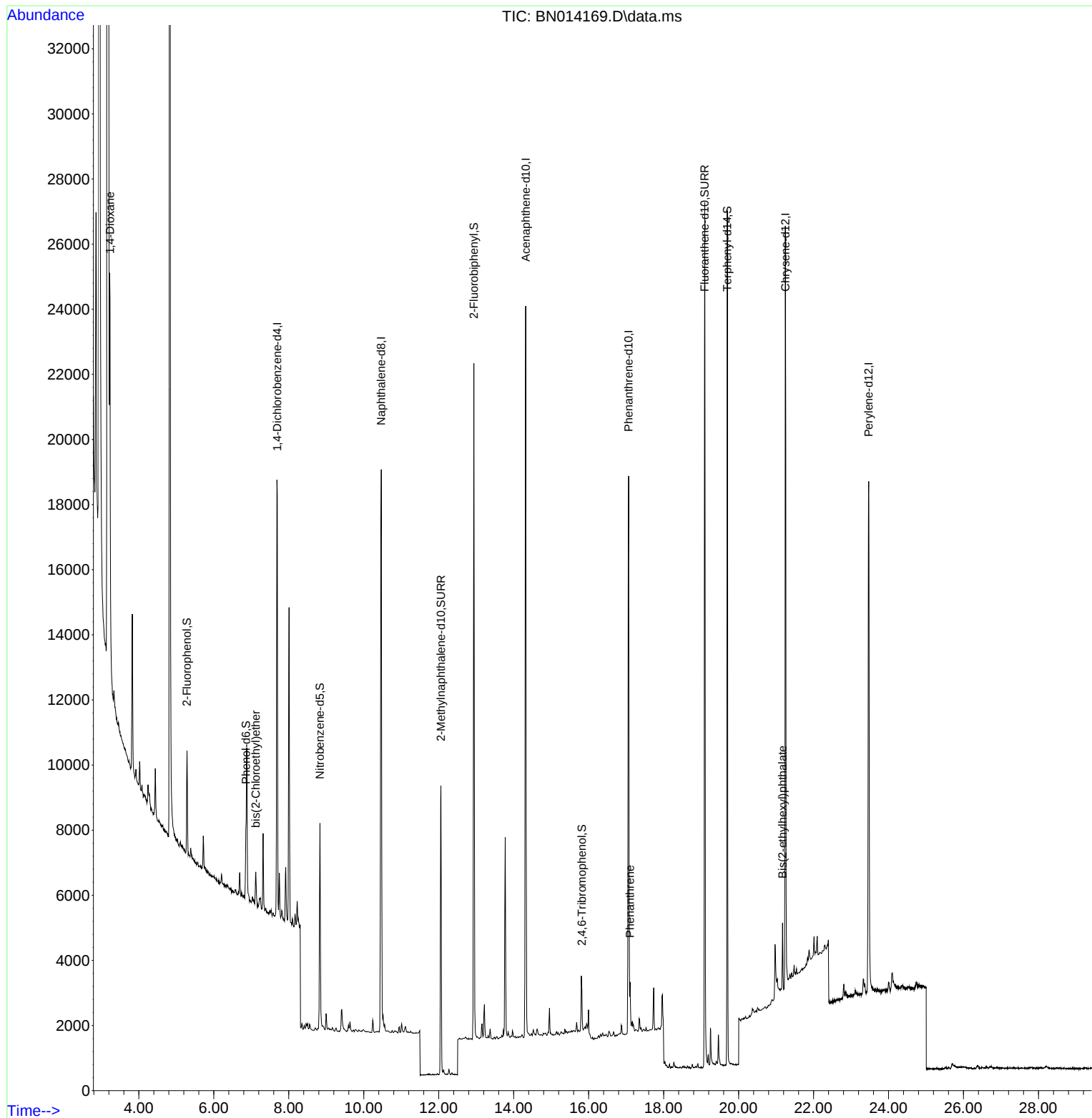
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.692	152	6568	0.40	ng	0.00
7) Naphthalene-d8	10.467	136	24542	0.40	ng	0.00
13) Acenaphthene-d10	14.321	164	13262	0.40	ng	0.00
19) Phenanthrene-d10	17.067	188	25630	0.40	ng	0.00
29) Chrysene-d12	21.247	240	22775	0.40	ng	# 0.00
36) Perylene-d12	23.469	264	21499	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.284	112	2350	0.14	ng	0.00
5) Phenol-d6	6.855	99	1710	0.08	ng	0.00
8) Nitrobenzene-d5	8.832	82	5192	0.31	ng	0.00
11) 2-Methylnaphthalene-d10	12.058	152	11903	0.32	ng	0.00
14) 2,4,6-Tribromophenol	15.818	330	1299	0.30	ng	0.01
15) 2-Fluorobiphenyl	12.938	172	17360	0.35	ng	0.00
27) Fluoranthene-d10	19.096	212	29883	0.45	ng	0.00
31) Terphenyl-d14	19.697	244	25713	0.49	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.231	88	5959	0.71	ng	# 86
6) bis(2-Chloroethyl)ether	7.121	93	832	0.05	ng	99
25) Phenanthrene	17.104	178	1447	0.02	ng	# 95
34) Bis(2-ethylhexyl)phtha...	21.173	149	1854	0.10	ng	# 96

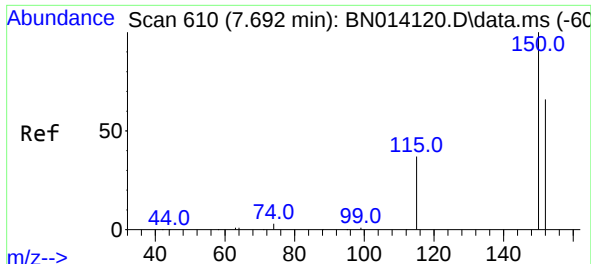
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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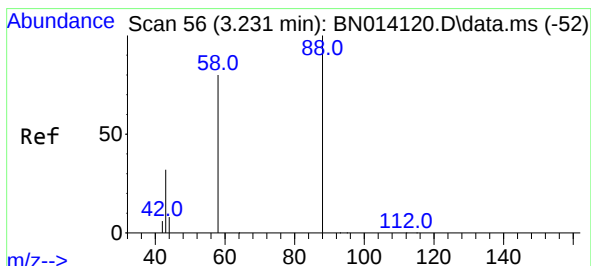
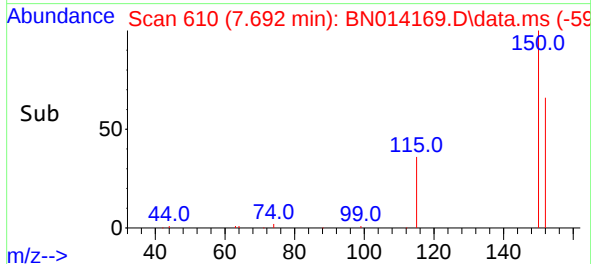
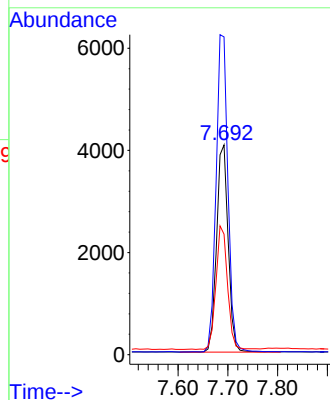
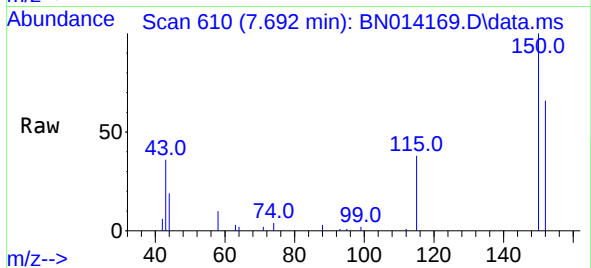


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.692 min Scan# 610
 Delta R.T. 0.008 min
 Lab File: BN014169.D
 Acq: 01 Apr 2021 08:38

Instrument :
 BNA_N
 ClientSampleId :
 MW179D2-20210324

Tgt Ion: 152 Resp: 6568

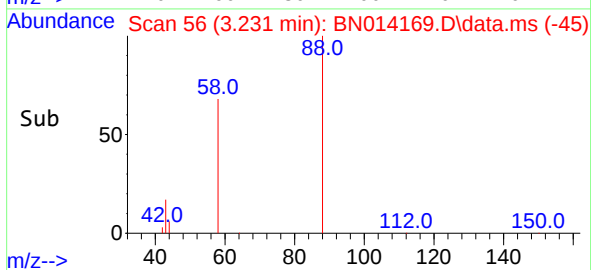
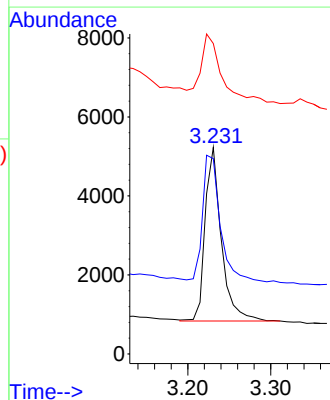
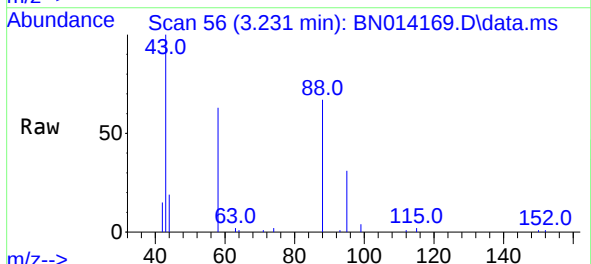
Ion	Ratio	Lower	Upper
152	100		
150	151.4	121.2	181.8
115	57.4	46.2	69.2

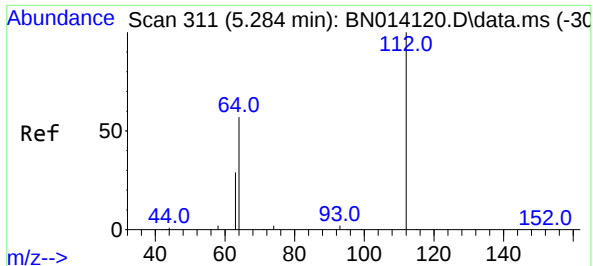


#2
 1,4-Dioxane
 Concen: 0.71 ng
 RT: 3.231 min Scan# 56
 Delta R.T. -0.008 min
 Lab File: BN014169.D
 Acq: 01 Apr 2021 08:38

Tgt Ion: 88 Resp: 5959

Ion	Ratio	Lower	Upper
88	100		
58	81.9	63.1	94.7
43	54.3	26.2	39.2

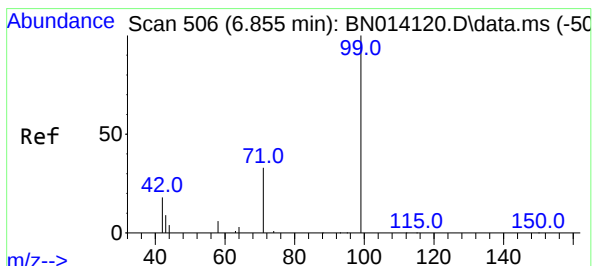
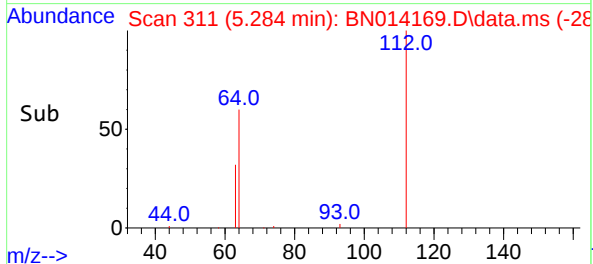
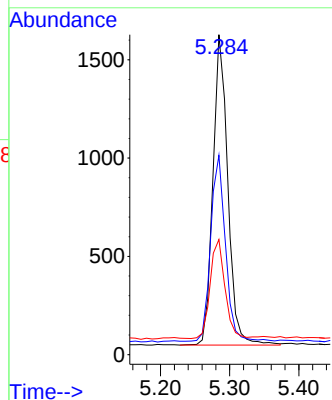
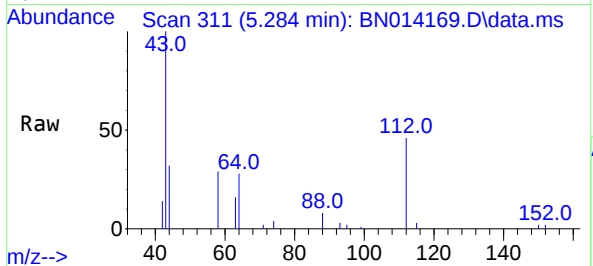




#4
2-Fluorophenol
Concen: 0.14 ng
RT: 5.284 min Scan# 311
Delta R.T. -0.000 min
Lab File: BN014169.D
Acq: 01 Apr 2021 08:38

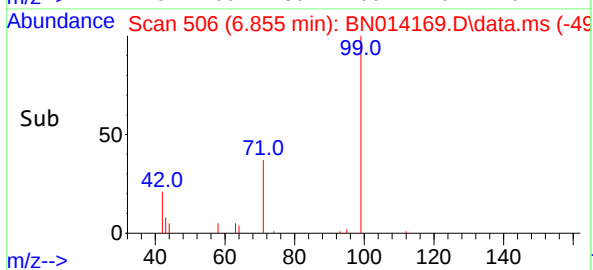
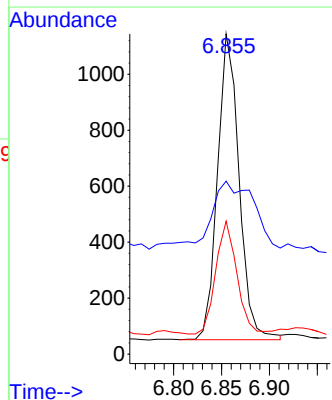
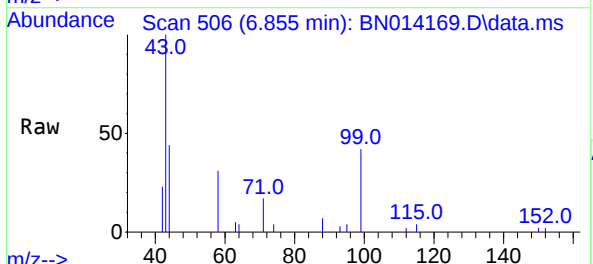
Instrument :
BNA_N
ClientSampleId :
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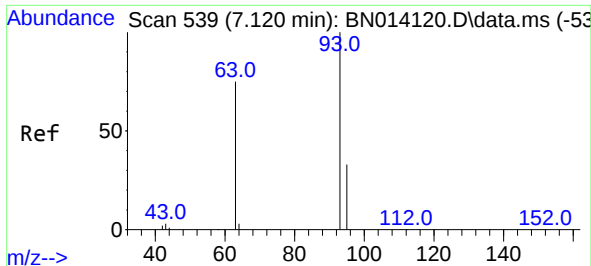
Tgt Ion: 112 Resp: 2350
Ion Ratio Lower Upper
112 100
64 59.5 48.3 72.5
63 32.0 25.4 38.0



#5
Phenol-d6
Concen: 0.08 ng
RT: 6.855 min Scan# 506
Delta R.T. -0.000 min
Lab File: BN014169.D
Acq: 01 Apr 2021 08:38

Tgt Ion: 99 Resp: 1710
Ion Ratio Lower Upper
99 100
42 44.8 18.2 27.4#
71 37.1 26.7 40.1

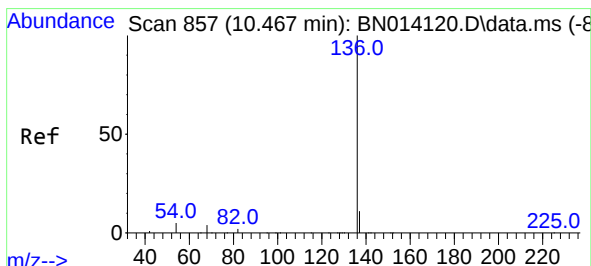
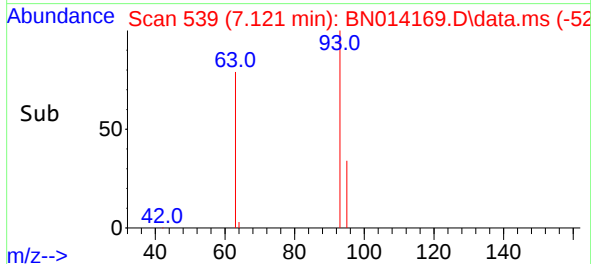
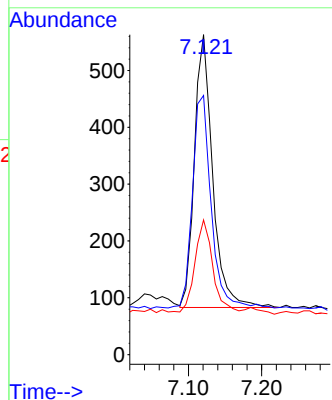
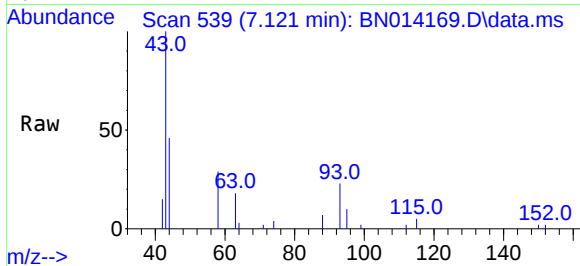




#6
bis(2-Chloroethyl)ether
Concen: 0.05 ng
RT: 7.121 min Scan# 539
Delta R.T. -0.000 min
Lab File: BN014169.D
Acq: 01 Apr 2021 08:38

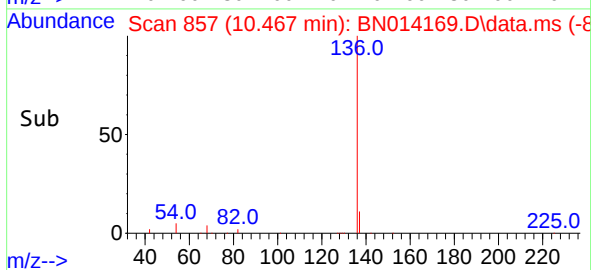
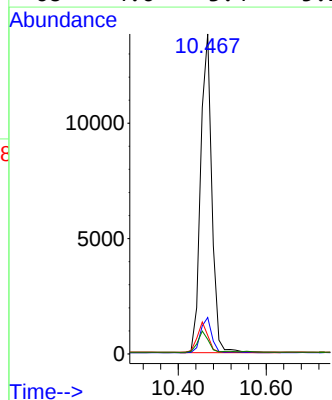
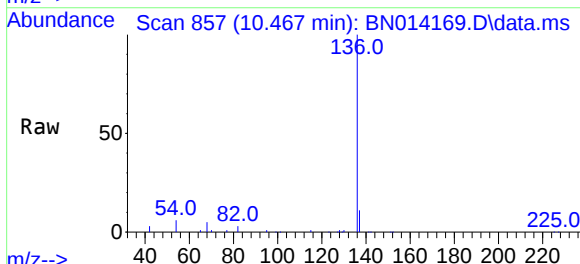
Instrument :
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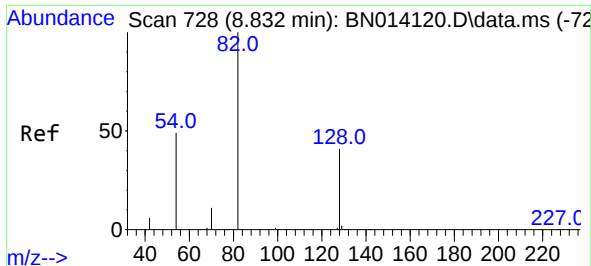
Tgt Ion: 93 Resp: 832
Ion Ratio Lower Upper
93 100
63 80.0 65.1 97.7
95 32.8 26.6 39.8



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.467 min Scan# 857
Delta R.T. -0.000 min
Lab File: BN014169.D
Acq: 01 Apr 2021 08:38

Tgt Ion: 136 Resp: 24542
Ion Ratio Lower Upper
136 100
137 11.4 9.1 13.7
54 5.8 4.3 6.5
68 4.6 3.4 5.2

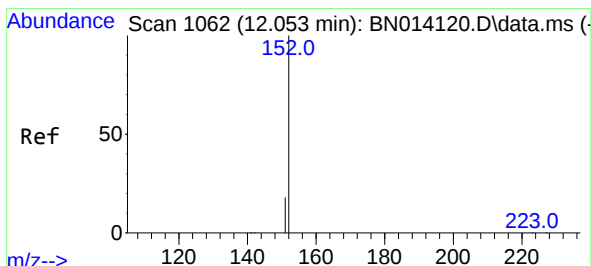
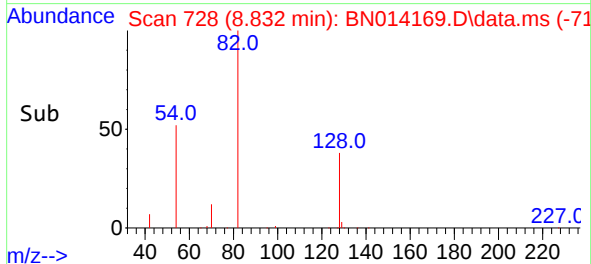
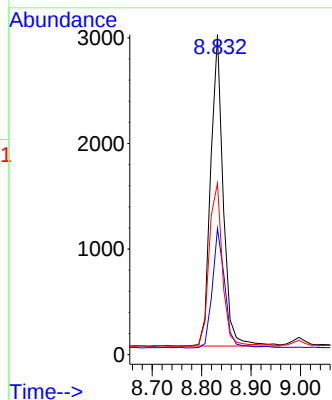
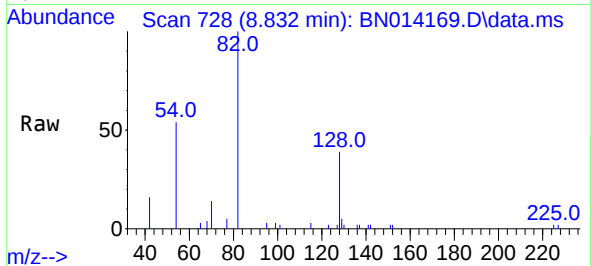




#8
Nitrobenzene-d5
Concen: 0.31 ng
RT: 8.832 min Scan# 728
Delta R.T. -0.000 min
Lab File: BN014169.D
Acq: 01 Apr 2021 08:38

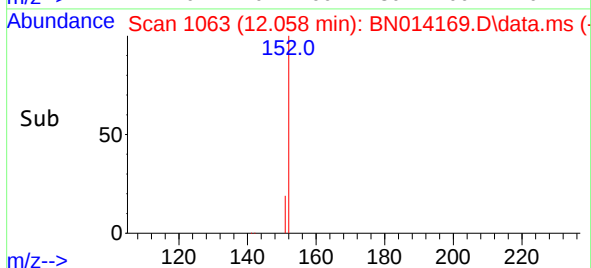
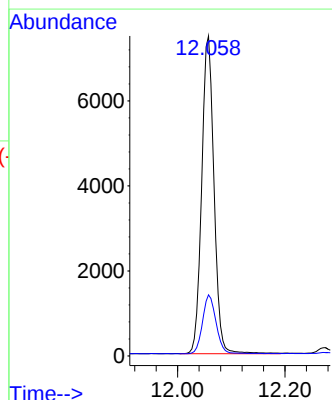
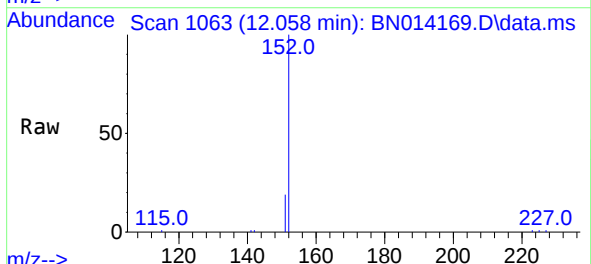
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ClientSampleId :
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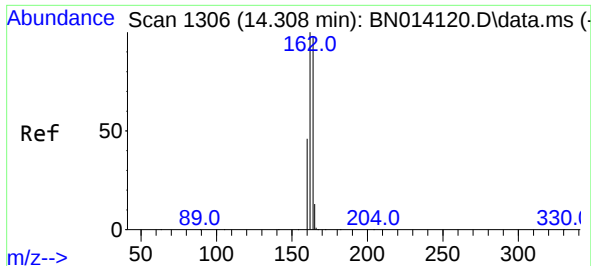
Tgt Ion: 82 Resp: 5192
Ion Ratio Lower Upper
82 100
128 39.5 33.5 50.3
54 53.6 40.3 60.5



#11
2-Methylnaphthalene-d10
Concen: 0.32 ng
RT: 12.058 min Scan# 1063
Delta R.T. 0.004 min
Lab File: BN014169.D
Acq: 01 Apr 2021 08:38

Tgt Ion: 152 Resp: 11903
Ion Ratio Lower Upper
152 100
151 20.3 16.1 24.1

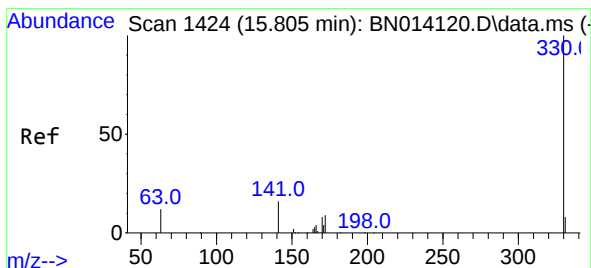
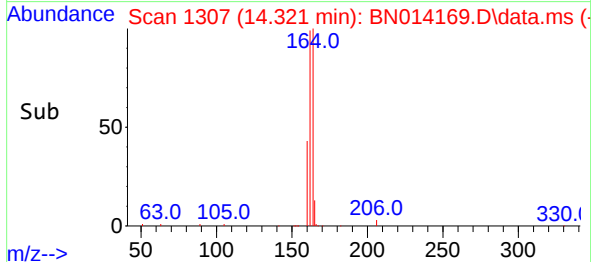
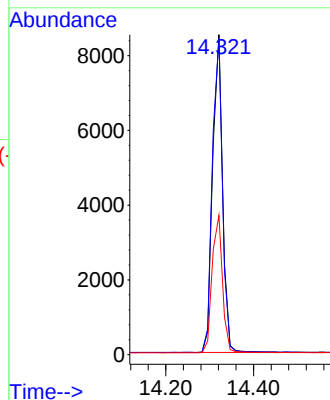
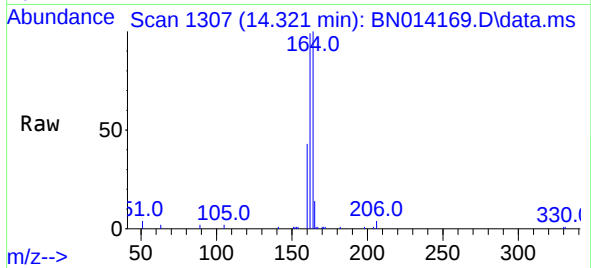




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.321 min Scan# 1307
Delta R.T. -0.000 min
Lab File: BN014169.D
Acq: 01 Apr 2021 08:38

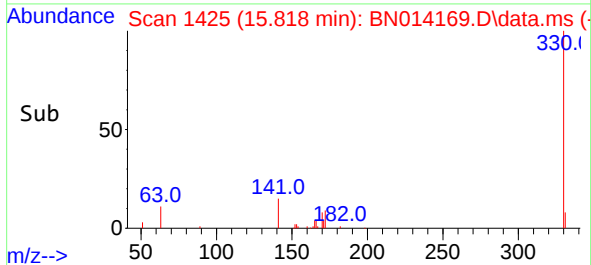
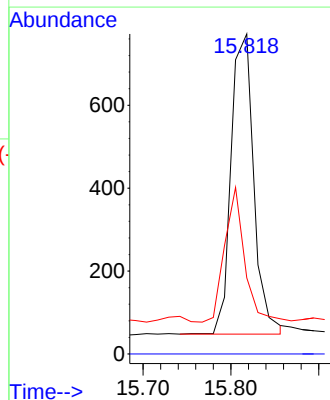
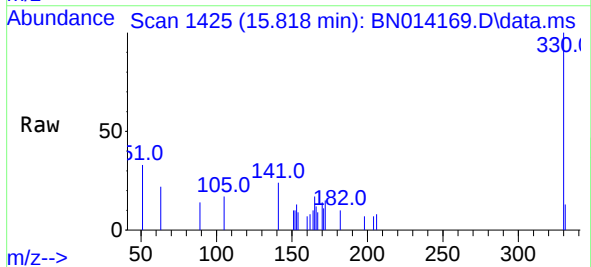
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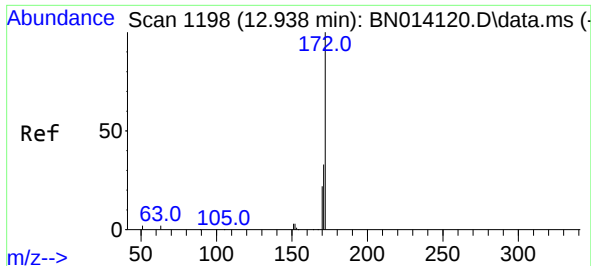
Tgt Ion:164 Resp: 13262
Ion Ratio Lower Upper
164 100
162 98.8 81.4 122.2
160 43.5 37.5 56.3



#14
2,4,6-Tribromophenol
Concen: 0.30 ng
RT: 15.818 min Scan# 1425
Delta R.T. 0.013 min
Lab File: BN014169.D
Acq: 01 Apr 2021 08:38

Tgt Ion:330 Resp: 1299
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 39.4 31.2 46.8

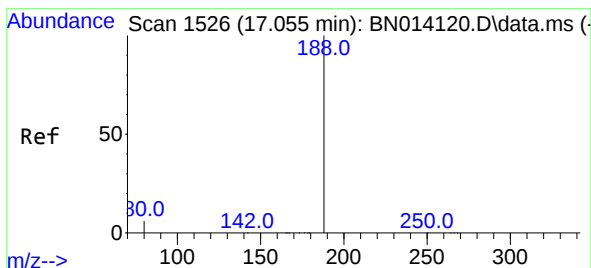
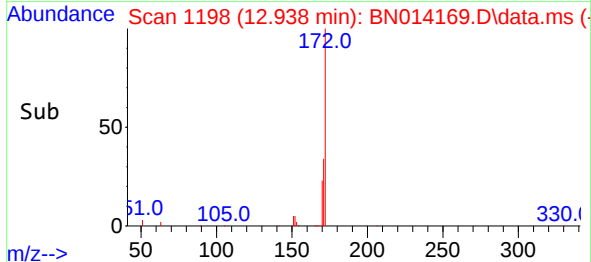
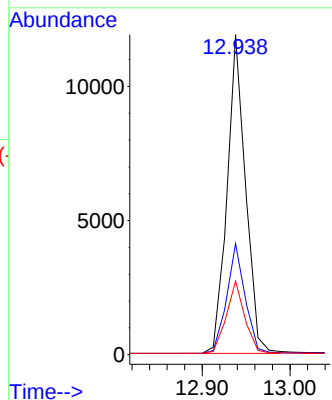
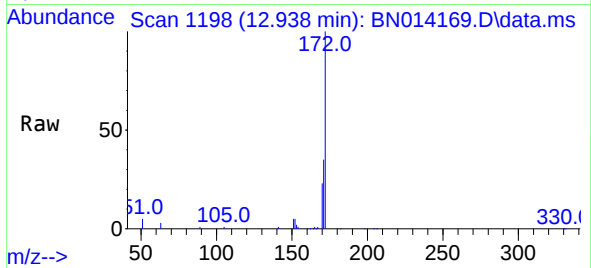




#15
2-Fluorobiphenyl
Concen: 0.35 ng
RT: 12.938 min Scan# 1198
Delta R.T. -0.000 min
Lab File: BN014169.D
Acq: 01 Apr 2021 08:38

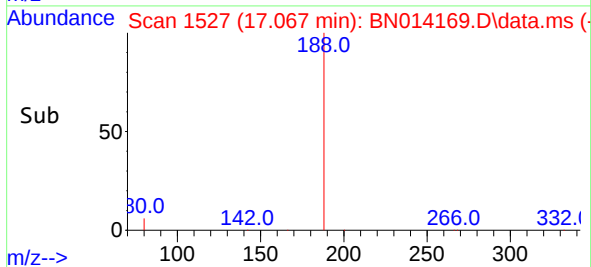
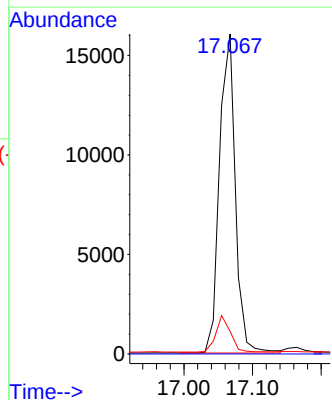
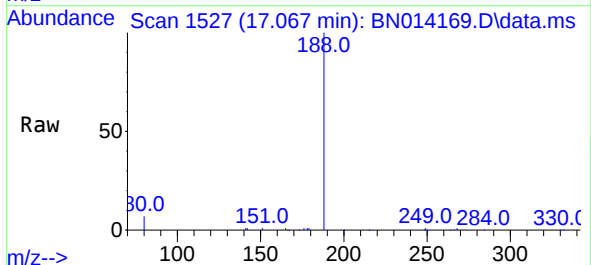
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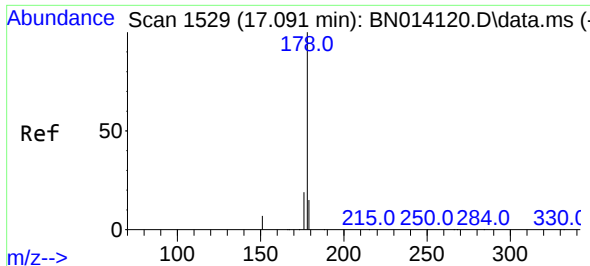
Tgt Ion:	172	Resp:	17360
Ion	Ratio	Lower	Upper
172	100		
171	34.7	26.9	40.3
170	23.0	17.8	26.8



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.067 min Scan# 1527
Delta R.T. -0.000 min
Lab File: BN014169.D
Acq: 01 Apr 2021 08:38

Tgt Ion:	188	Resp:	25630
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.1	5.2	7.8

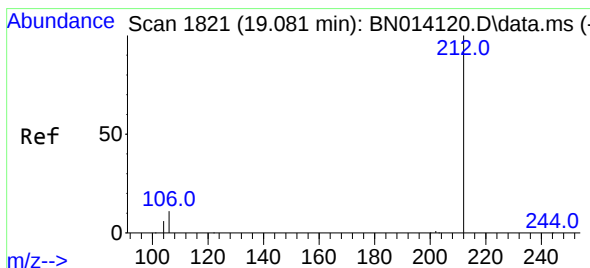
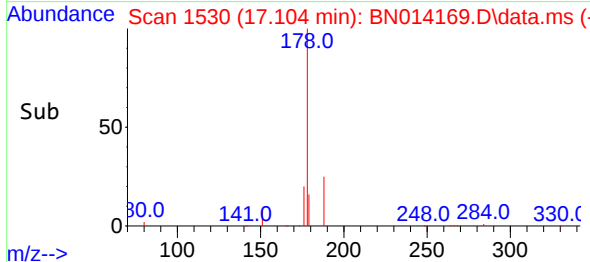
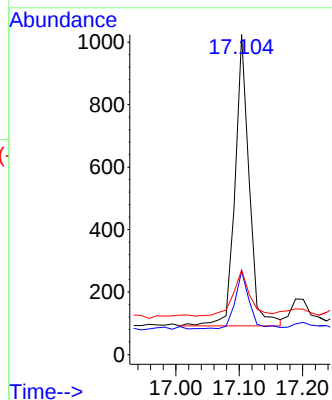
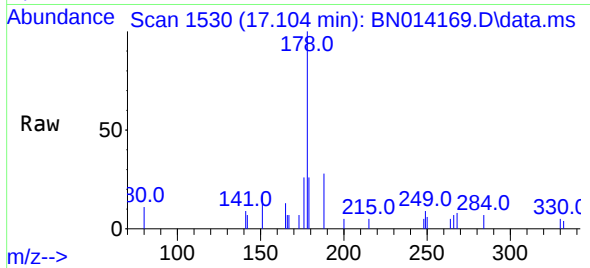




#25
Phenanthrene
Concen: 0.02 ng
RT: 17.104 min Scan# 1530
Delta R.T. -0.000 min
Lab File: BN014169.D
Acq: 01 Apr 2021 08:38

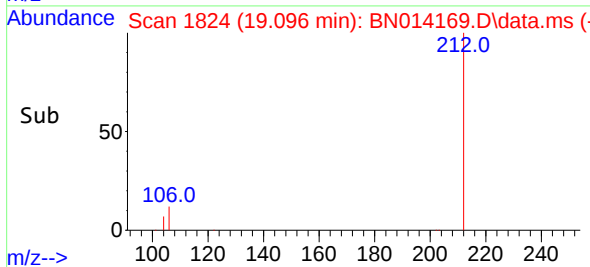
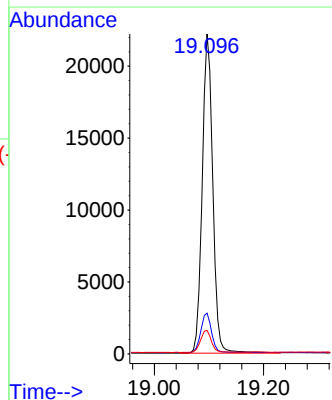
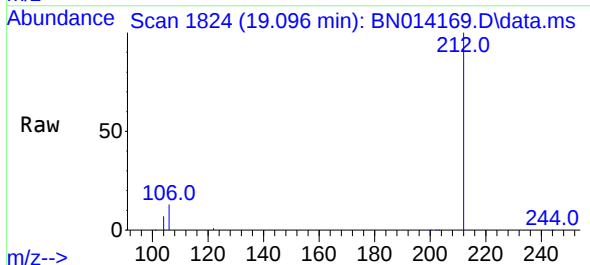
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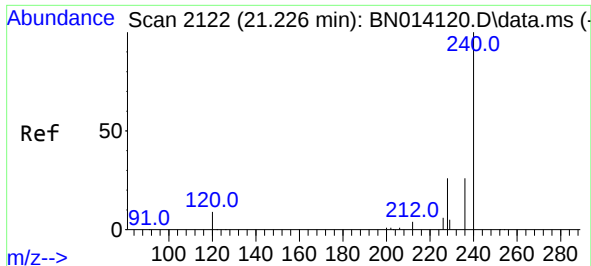
Tgt Ion:178 Resp: 1447
Ion Ratio Lower Upper
178 100
176 19.7 15.0 22.6
179 18.8 12.4 18.6#



#27
Fluoranthene-d10
Concen: 0.45 ng
RT: 19.096 min Scan# 1824
Delta R.T. -0.000 min
Lab File: BN014169.D
Acq: 01 Apr 2021 08:38

Tgt Ion:212 Resp: 29883
Ion Ratio Lower Upper
212 100
106 12.6 10.1 15.1
104 7.1 5.5 8.3

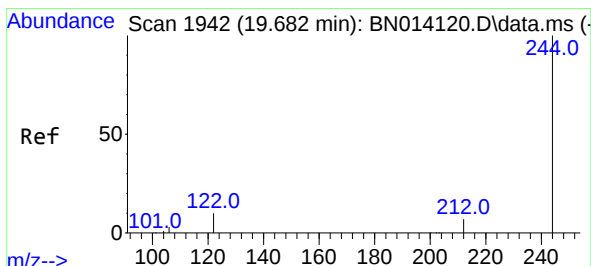
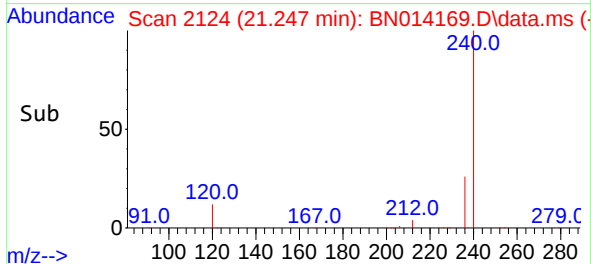
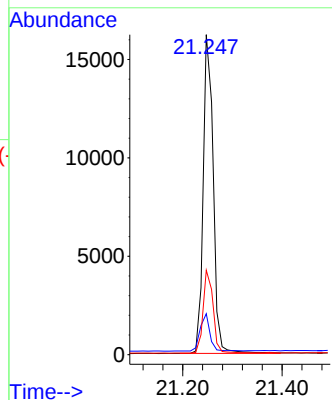
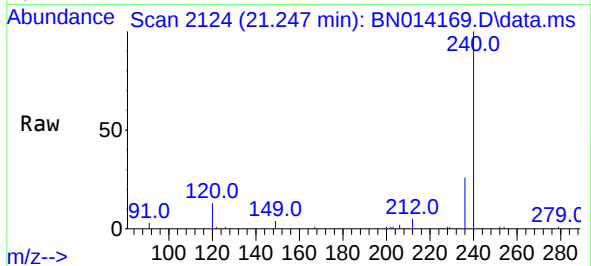




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.247 min Scan# 2124
Delta R.T. -0.000 min
Lab File: BN014169.D
Acq: 01 Apr 2021 08:38

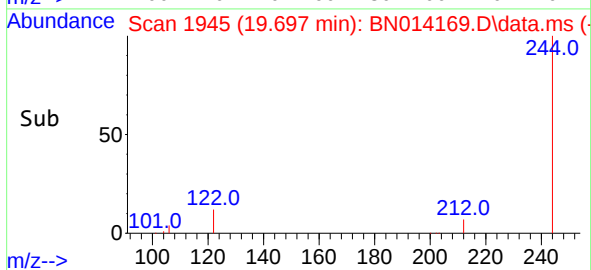
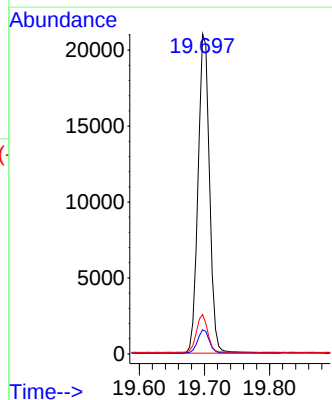
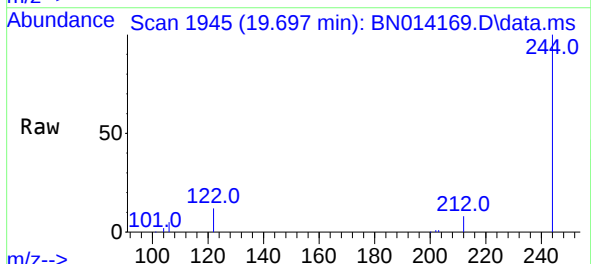
Instrument :
BNA_N
ClientSampleId :
MW179D2-20210324

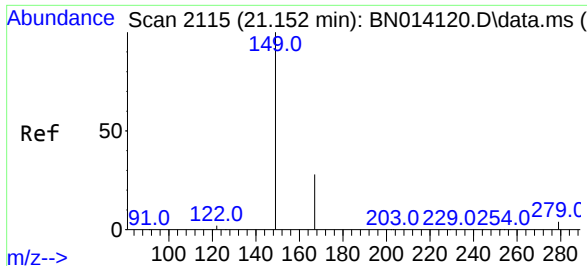
Tgt Ion:240 Resp: 22775
Ion Ratio Lower Upper
240 100
120 12.8 8.4 12.6#
236 26.4 21.0 31.6



#31
Terphenyl-d14
Concen: 0.49 ng
RT: 19.697 min Scan# 1945
Delta R.T. -0.000 min
Lab File: BN014169.D
Acq: 01 Apr 2021 08:38

Tgt Ion:244 Resp: 25713
Ion Ratio Lower Upper
244 100
212 7.5 6.0 9.0
122 12.3 8.6 13.0

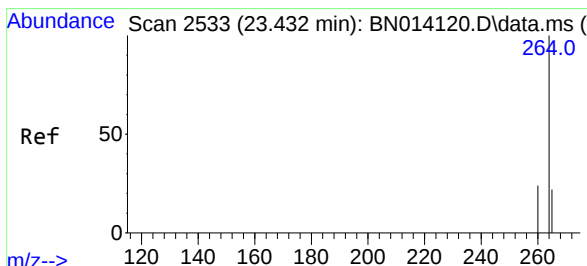
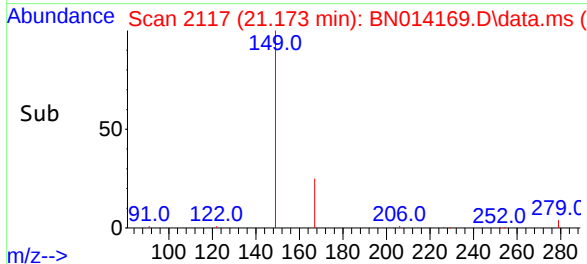
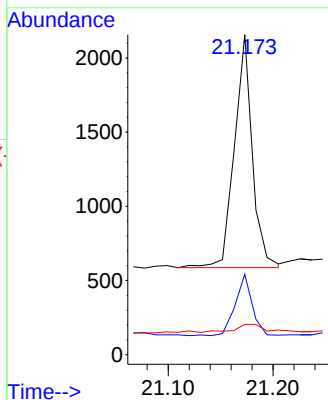
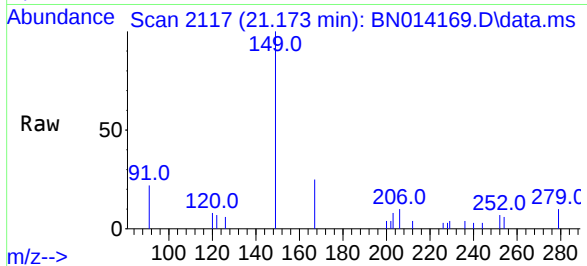




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.10 ng
 RT: 21.173 min Scan# 2117
 Delta R.T. -0.000 min
 Lab File: BN014169.D
 Acq: 01 Apr 2021 08:38

Instrument :
 BNA_N
 ClientSampleId :
 MW179D2-20210324

Tgt Ion:149 Resp: 1854
 Ion Ratio Lower Upper
 149 100
 167 24.9 21.4 32.2
 279 6.1 3.5 5.3#



#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.469 min Scan# 2544
 Delta R.T. 0.003 min
 Lab File: BN014169.D
 Acq: 01 Apr 2021 08:38

Tgt Ion:264 Resp: 21499
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.8 29.8
 265 32.8 30.7 46.1

