

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033121\
 Data File : BN014167.D
 Acq On : 01 Apr 2021 07:27
 Operator : CG/JU
 Sample : M1843-04
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW179D-20210324

Quant Time: Apr 01 08:40:48 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)

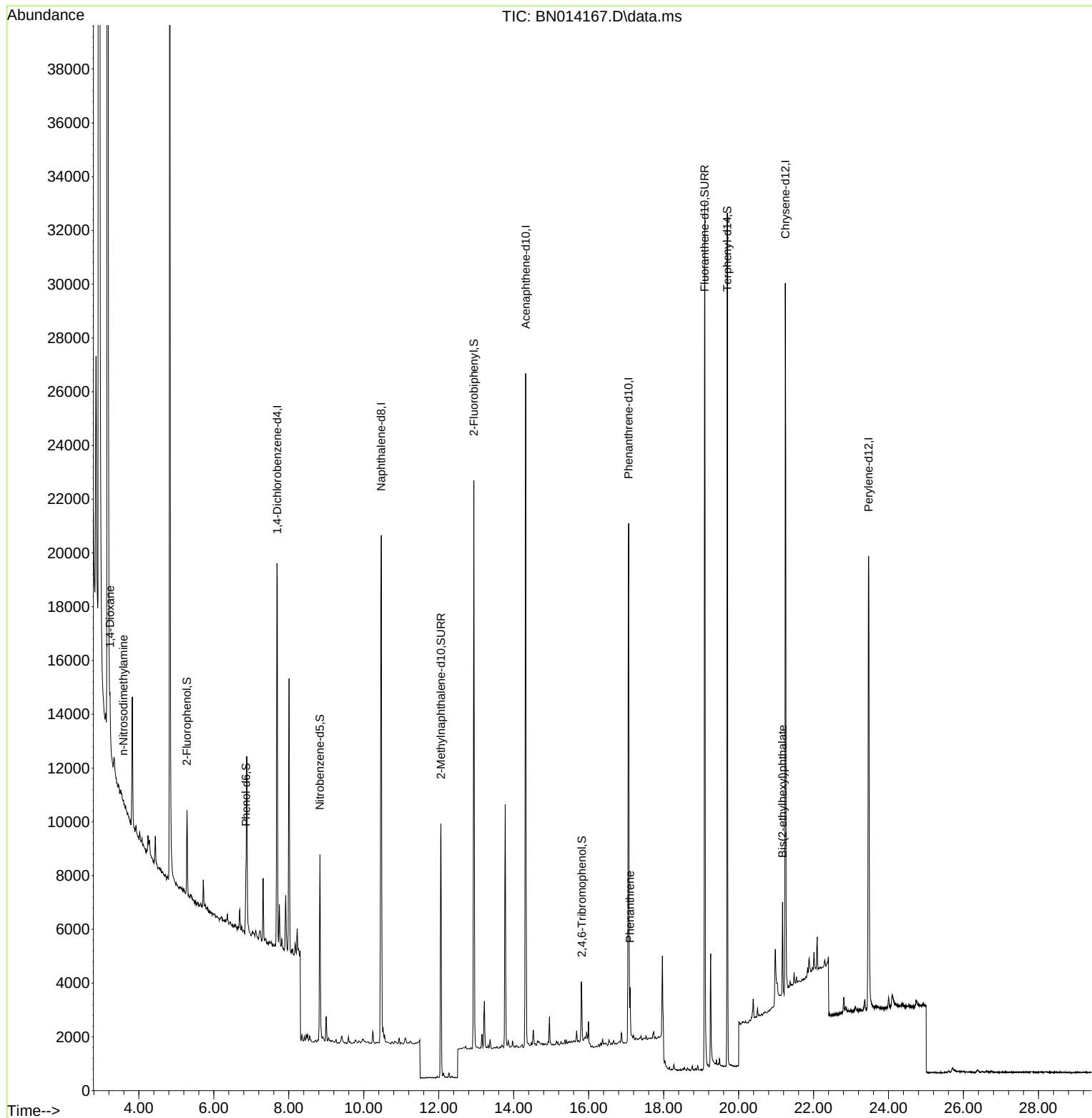
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.692	152	6982	0.40	ng	0.00
7) Naphthalene-d8	10.467	136	26023	0.40	ng	0.00
13) Acenaphthene-d10	14.321	164	14158	0.40	ng	0.00
19) Phenanthrene-d10	17.067	188	28228	0.40	ng	0.00
29) Chrysene-d12	21.247	240	26015	0.40	ng	# 0.00
36) Perylene-d12	23.469	264	23550	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.284	112	2356	0.13	ng	0.00
5) Phenol-d6	6.855	99	1761	0.08	ng	0.00
8) Nitrobenzene-d5	8.832	82	5505	0.31	ng	0.00
11) 2-Methylnaphthalene-d10	12.057	152	12830	0.32	ng	0.00
14) 2,4,6-Tribromophenol	15.818	330	1608	0.35	ng	0.01
15) 2-Fluorobiphenyl	12.938	172	17466	0.33	ng	0.00
27) Fluoranthene-d10	19.096	212	36443	0.49	ng	0.00
31) Terphenyl-d14	19.697	244	31291	0.52	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.231	88	1093	0.12	ng	# 39
3) n-Nitrosodimethylamine	3.593	42	164	0.02	ng	# 3
25) Phenanthrene	17.103	178	1976	0.03	ng	# 92
34) Bis(2-ethylhexyl)phtha...	21.173	149	3182	0.14	ng	98

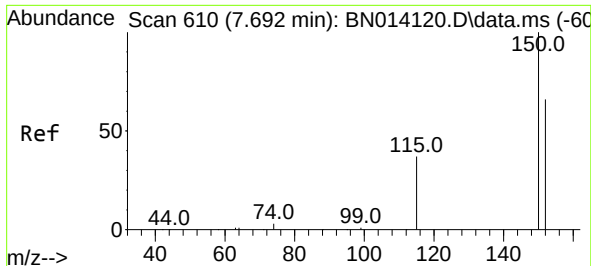
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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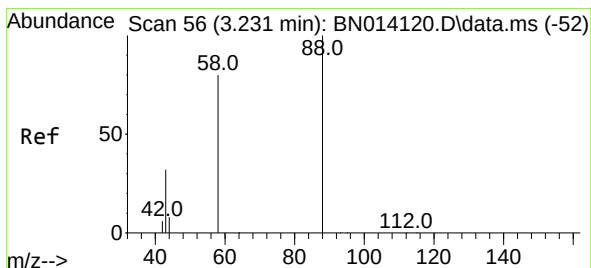
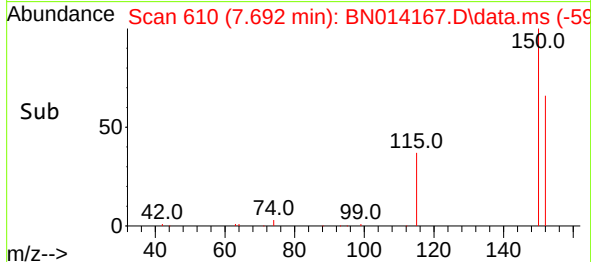
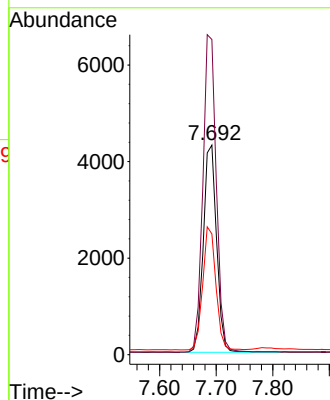
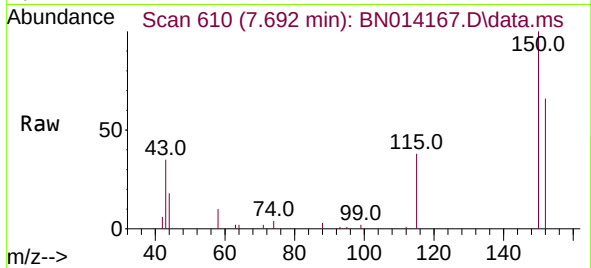




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.692 min Scan# 610
 Delta R.T. 0.008 min
 Lab File: BN014167.D
 Acq: 01 Apr 2021 07:27

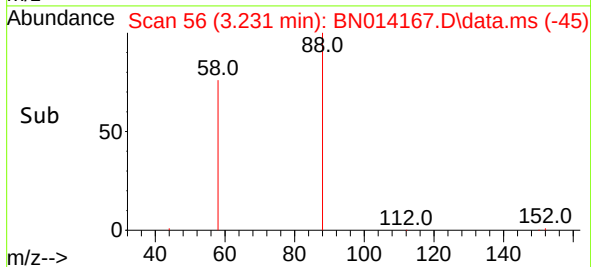
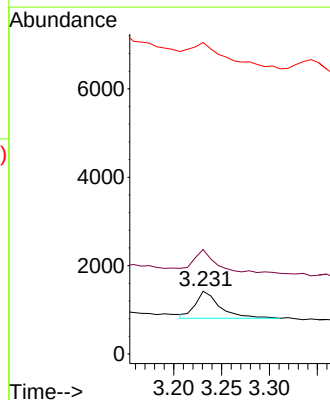
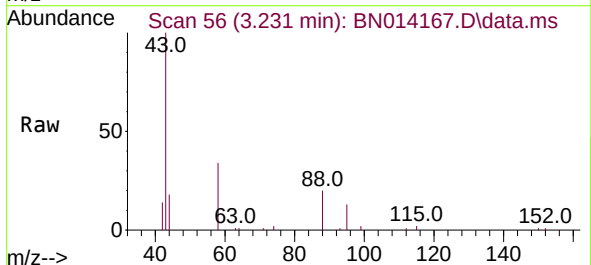
Instrument :
 BNA_N
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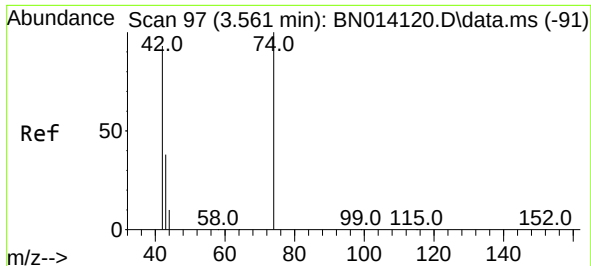
Tgt Ion:152 Resp: 6982
 Ion Ratio Lower Upper
 152 100
 150 150.4 121.2 181.8
 115 57.7 46.2 69.2



#2
 1,4-Dioxane
 Concen: 0.12 ng
 RT: 3.231 min Scan# 56
 Delta R.T. -0.008 min
 Lab File: BN014167.D
 Acq: 01 Apr 2021 07:27

Tgt Ion: 88 Resp: 1093
 Ion Ratio Lower Upper
 88 100
 58 81.6 63.1 94.7
 43 144.9 26.2 39.2#

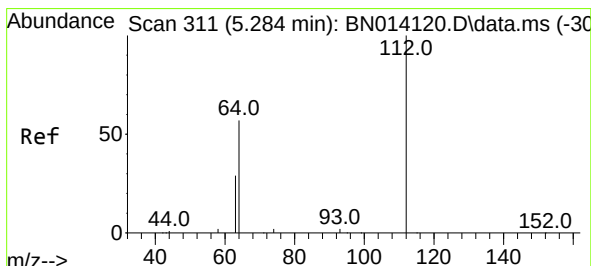
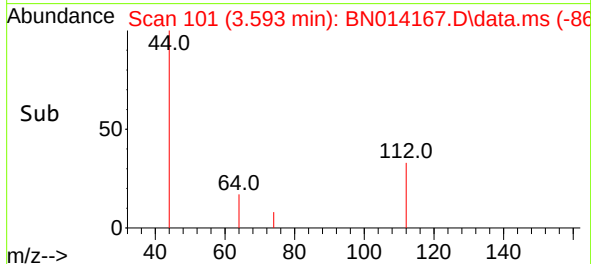
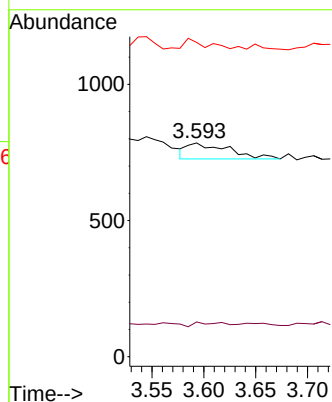
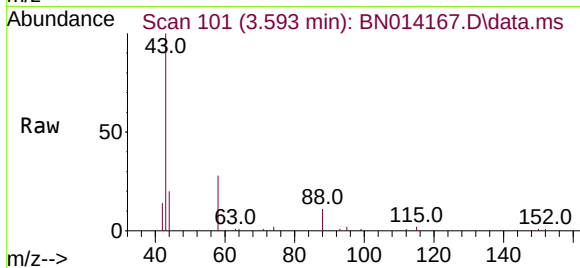




#3
n-Nitrosodimethylamine
Concen: 0.02 ng
RT: 3.593 min Scan# 101
Delta R.T. 0.024 min
Lab File: BN014167.D
Acq: 01 Apr 2021 07:27

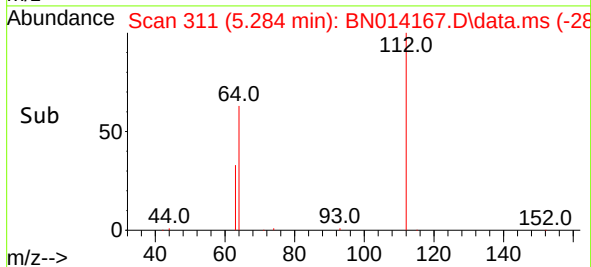
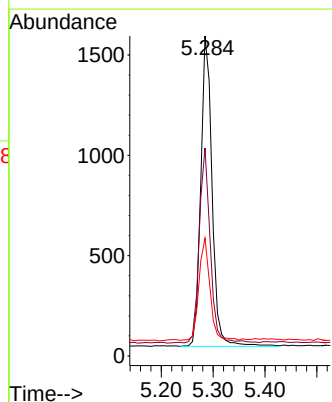
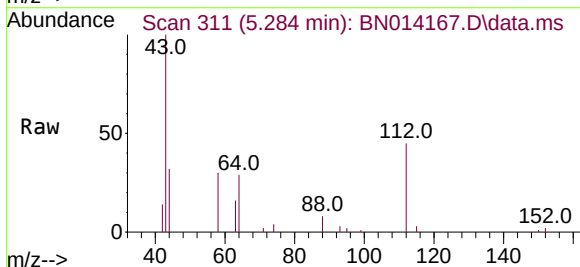
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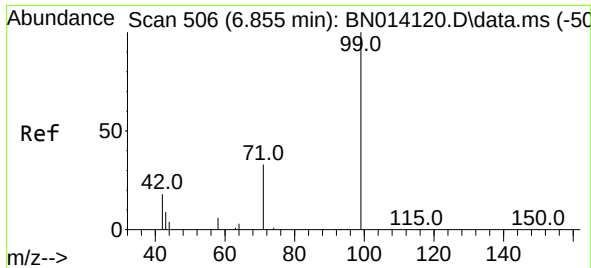
Tgt Ion: 42 Resp: 164
Ion Ratio Lower Upper
42 100
74 11.6 94.6 141.8#
44 39.0 4.2 6.2#



#4
2-Fluorophenol
Concen: 0.13 ng
RT: 5.284 min Scan# 311
Delta R.T. -0.000 min
Lab File: BN014167.D
Acq: 01 Apr 2021 07:27

Tgt Ion: 112 Resp: 2356
Ion Ratio Lower Upper
112 100
64 61.5 48.3 72.5
63 32.0 25.4 38.0

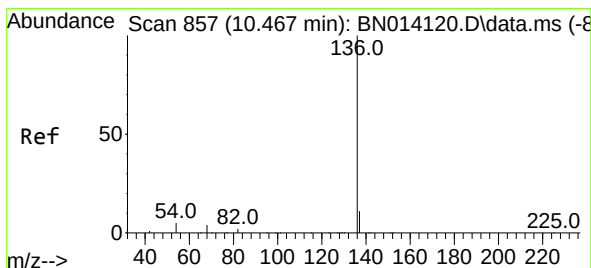
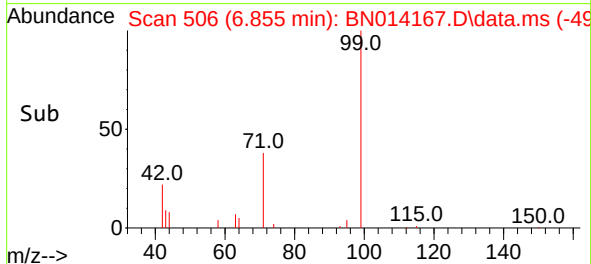
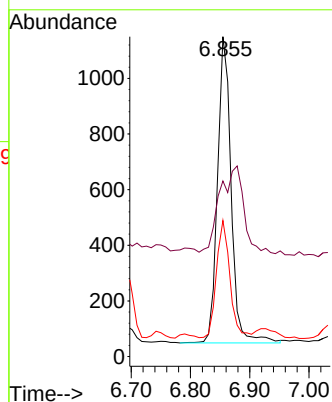
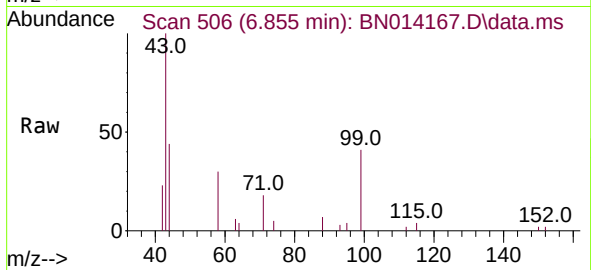




#5
Phenol-d6
Concen: 0.08 ng
RT: 6.855 min Scan# 506
Delta R.T. -0.000 min
Lab File: BN014167.D
Acq: 01 Apr 2021 07:27

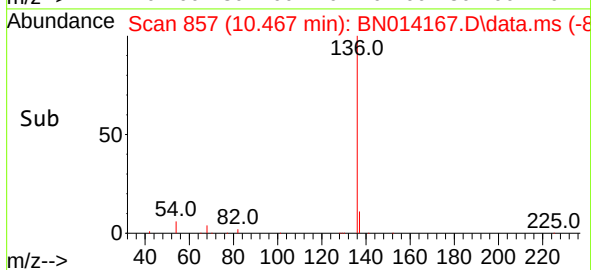
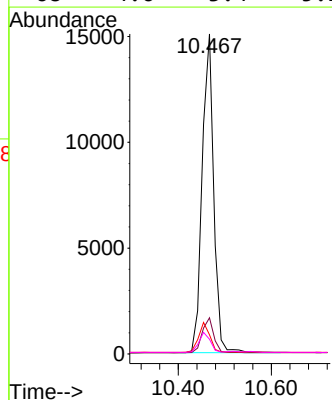
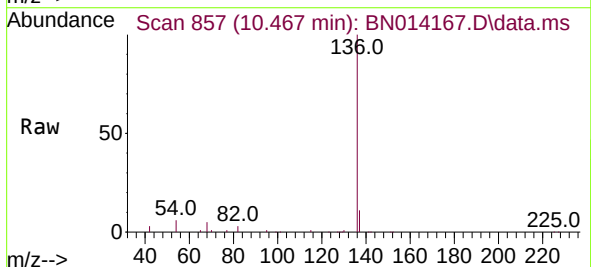
Instrument :
BNA_N
ClientSampleId :
MW179D-20210324

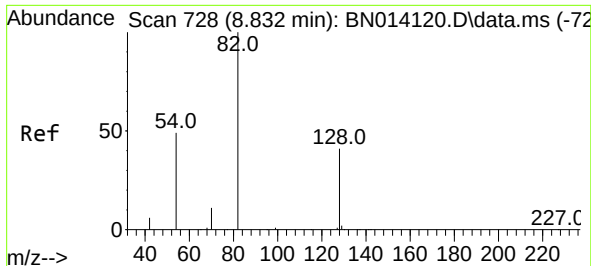
Tgt Ion: 99 Resp: 1761
Ion Ratio Lower Upper
99 100
42 0.0 18.2 27.4#
71 37.9 26.7 40.1



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.467 min Scan# 857
Delta R.T. -0.000 min
Lab File: BN014167.D
Acq: 01 Apr 2021 07:27

Tgt Ion: 136 Resp: 26023
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 6.0 4.3 6.5
68 4.6 3.4 5.2

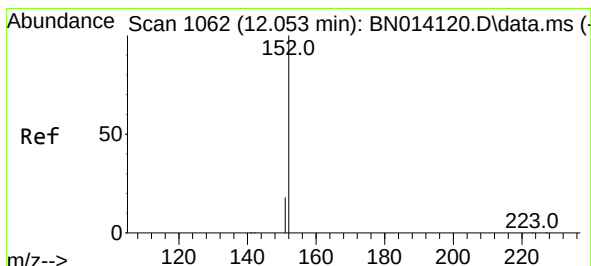
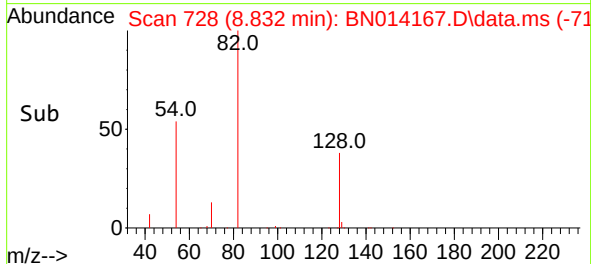
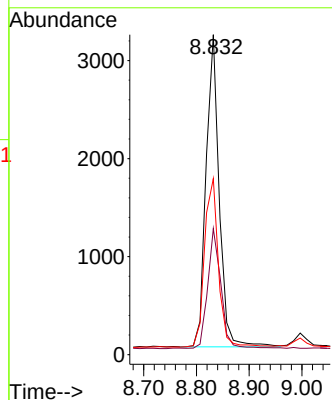
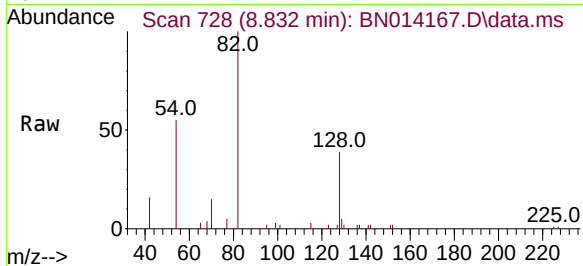




#8
Nitrobenzene-d5
Concen: 0.31 ng
RT: 8.832 min Scan# 728
Delta R.T. -0.000 min
Lab File: BN014167.D
Acq: 01 Apr 2021 07:27

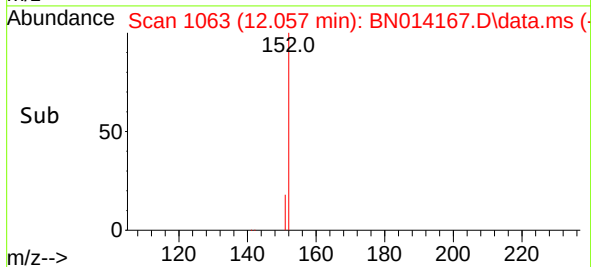
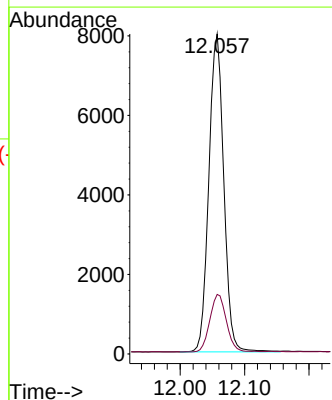
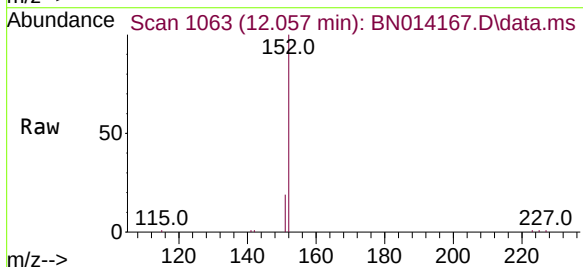
Instrument :
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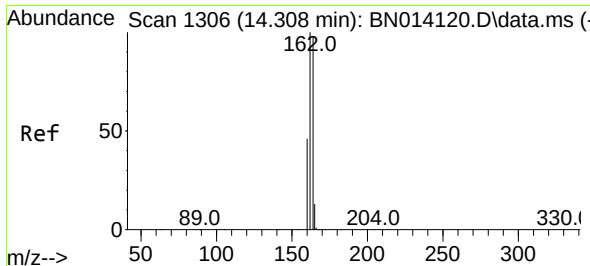
Tgt Ion:	82	Resp:	5505
Ion	Ratio	Lower	Upper
82	100		
128	39.4	33.5	50.3
54	55.0	40.3	60.5



#11
2-Methylnaphthalene-d10
Concen: 0.32 ng
RT: 12.057 min Scan# 1063
Delta R.T. 0.004 min
Lab File: BN014167.D
Acq: 01 Apr 2021 07:27

Tgt Ion:	152	Resp:	12830
Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.1	24.1

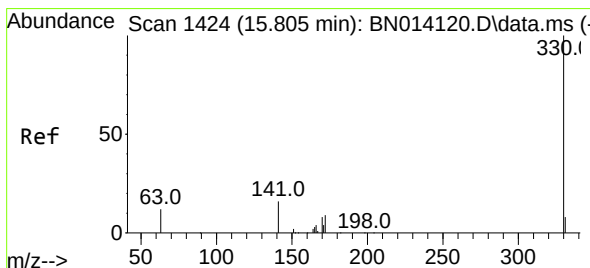
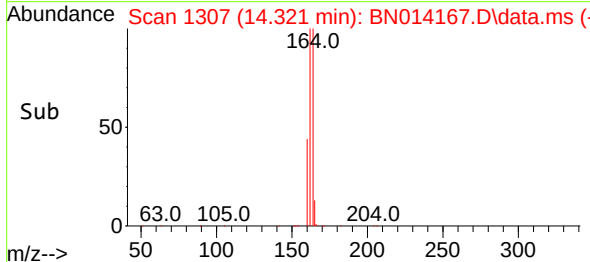
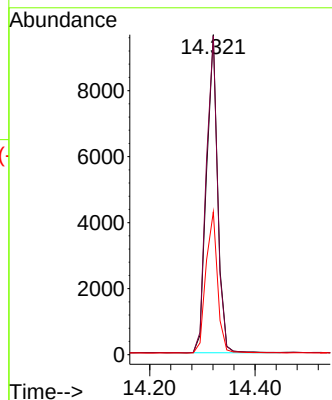
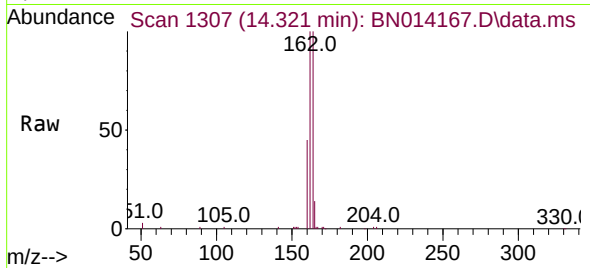




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.321 min Scan# 1307
Delta R.T. -0.000 min
Lab File: BN014167.D
Acq: 01 Apr 2021 07:27

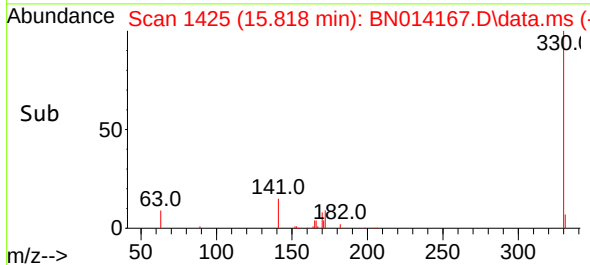
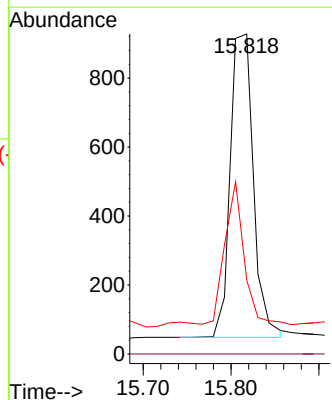
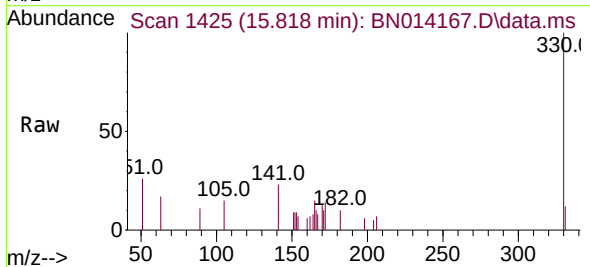
Instrument :
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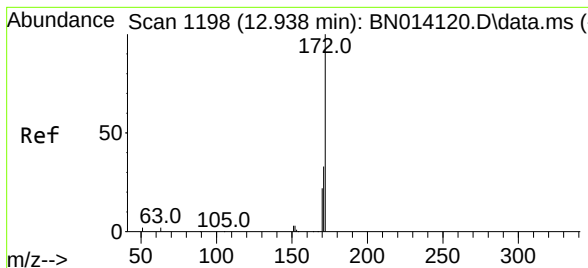
Tgt Ion:164 Resp: 14158
Ion Ratio Lower Upper
164 100
162 99.6 81.4 122.2
160 44.6 37.5 56.3



#14
2,4,6-Tribromophenol
Concen: 0.35 ng
RT: 15.818 min Scan# 1425
Delta R.T. 0.012 min
Lab File: BN014167.D
Acq: 01 Apr 2021 07:27

Tgt Ion:330 Resp: 1608
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 38.7 31.2 46.8

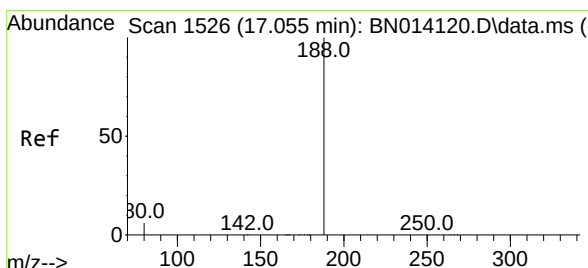
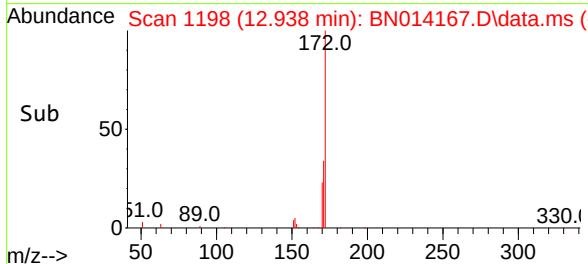
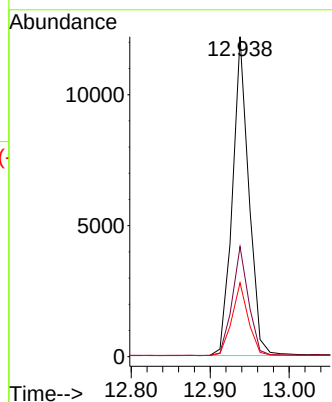
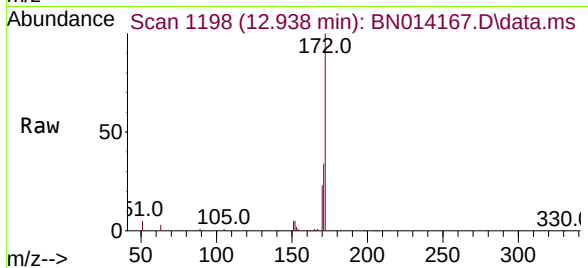




#15
2-Fluorobiphenyl
Concen: 0.33 ng
RT: 12.938 min Scan# 1198
Delta R.T. -0.000 min
Lab File: BN014167.D
Acq: 01 Apr 2021 07:27

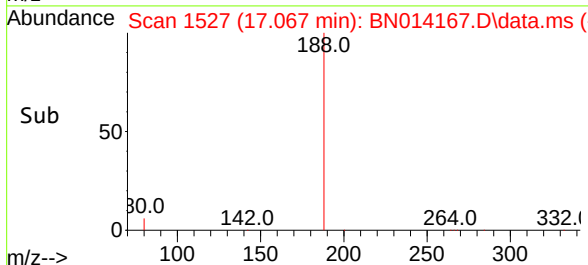
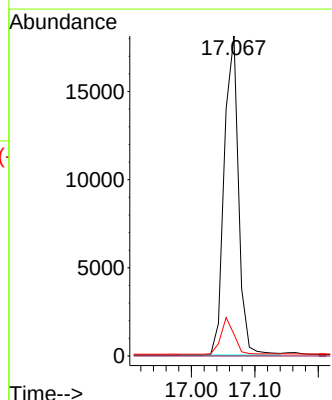
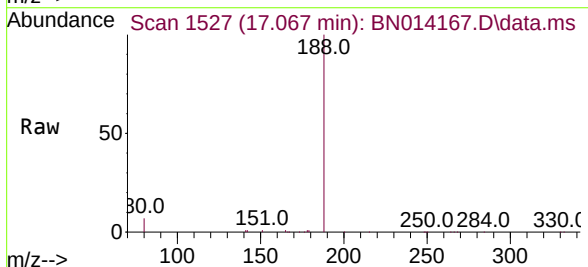
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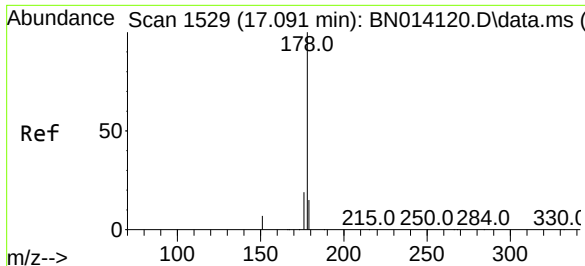
Tgt Ion:	172	Resp:	17466
Ion Ratio	Lower	Upper	
172	100		
171	34.4	26.9	40.3
170	23.1	17.8	26.8



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.067 min Scan# 1527
Delta R.T. -0.000 min
Lab File: BN014167.D
Acq: 01 Apr 2021 07:27

Tgt Ion:	188	Resp:	28228
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	6.8	5.2	7.8

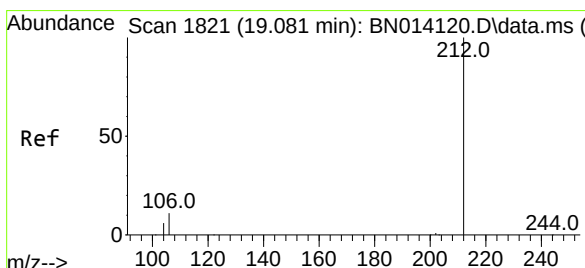
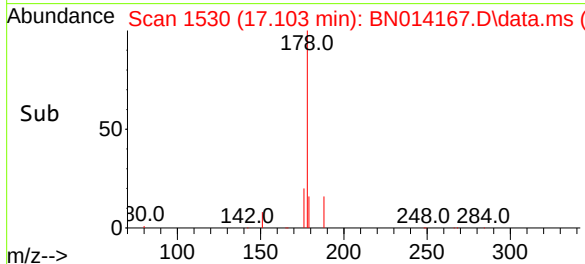
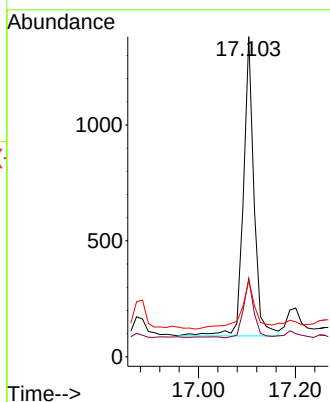
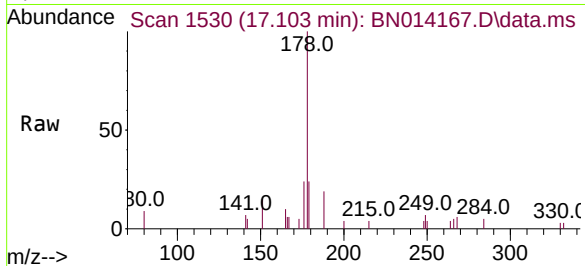




#25
Phenanthrene
Concen: 0.03 ng
RT: 17.103 min Scan# 1530
Delta R.T. -0.000 min
Lab File: BN014167.D
Acq: 01 Apr 2021 07:27

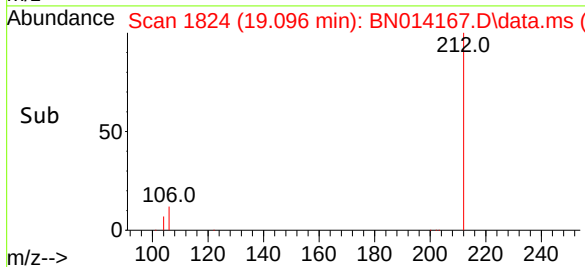
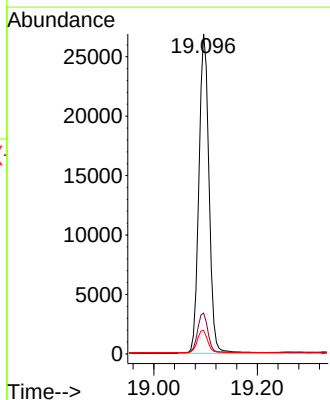
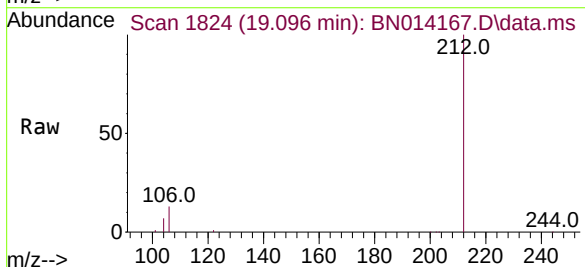
Instrument :
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MW179D-20210324

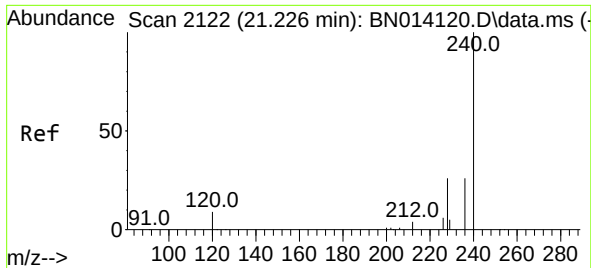
Tgt Ion:	178	Resp:	1976
Ion Ratio	Lower	Upper	
178	100		
176	19.3	15.0	22.6
179	22.0	12.4	18.6#



#27
Fluoranthene-d10
Concen: 0.49 ng
RT: 19.096 min Scan# 1824
Delta R.T. -0.000 min
Lab File: BN014167.D
Acq: 01 Apr 2021 07:27

Tgt Ion:	212	Resp:	36443
Ion Ratio	Lower	Upper	
212	100		
106	13.1	10.1	15.1
104	7.3	5.5	8.3

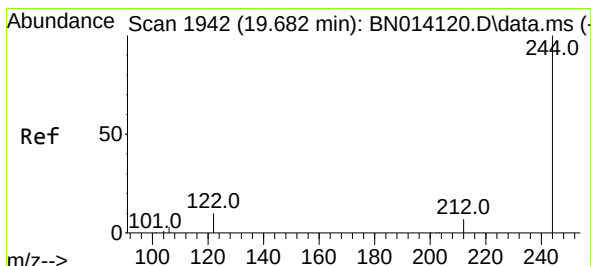
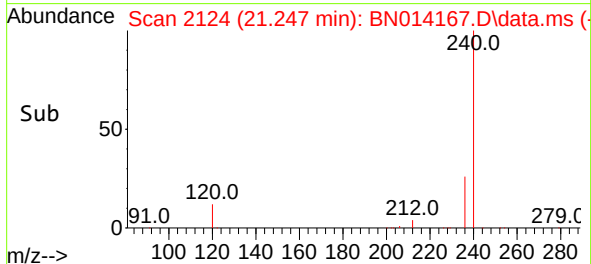
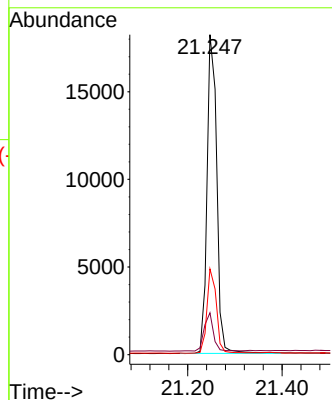
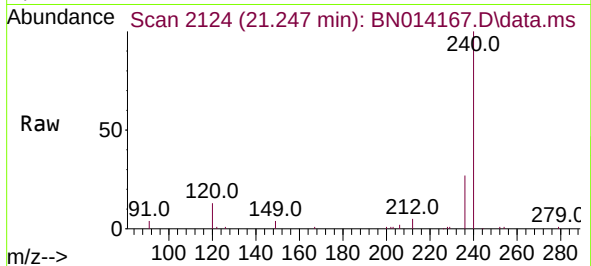




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.247 min Scan# 2124
Delta R.T. -0.000 min
Lab File: BN014167.D
Acq: 01 Apr 2021 07:27

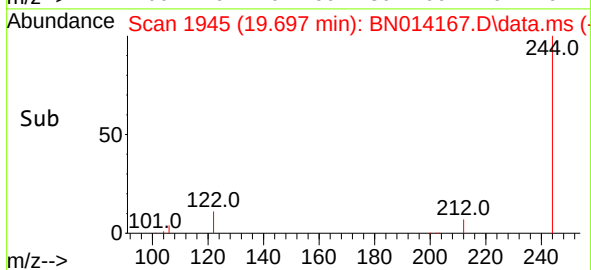
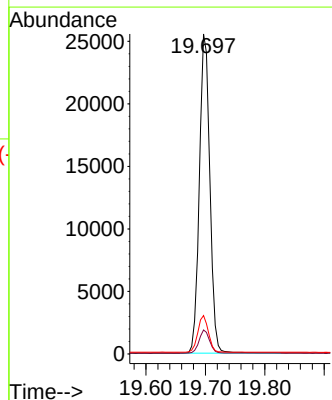
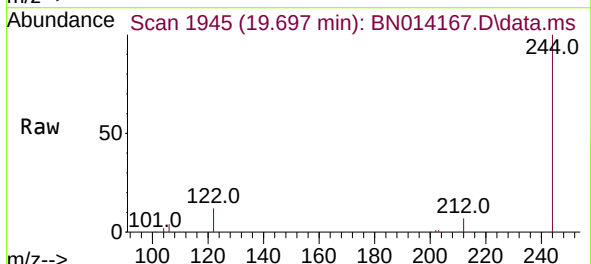
Instrument :
BNA_N
ClientSampleId :
MW179D-20210324

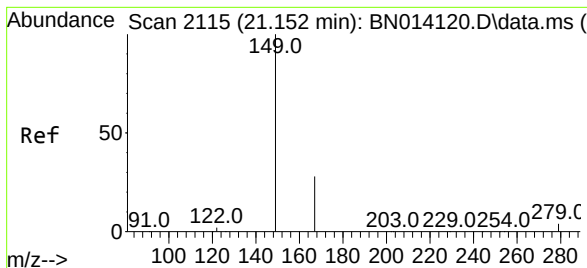
Tgt Ion:240 Resp: 26015
Ion Ratio Lower Upper
240 100
120 13.1 8.4 12.6#
236 26.8 21.0 31.6



#31
Terphenyl-d14
Concen: 0.52 ng
RT: 19.697 min Scan# 1945
Delta R.T. -0.000 min
Lab File: BN014167.D
Acq: 01 Apr 2021 07:27

Tgt Ion:244 Resp: 31291
Ion Ratio Lower Upper
244 100
212 7.5 6.0 9.0
122 12.0 8.6 13.0

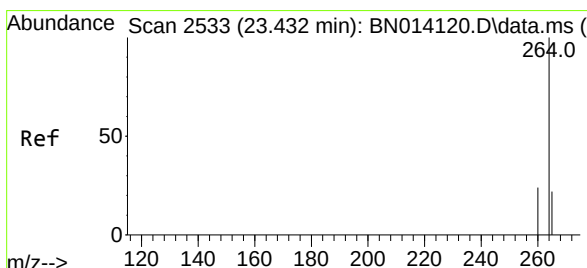
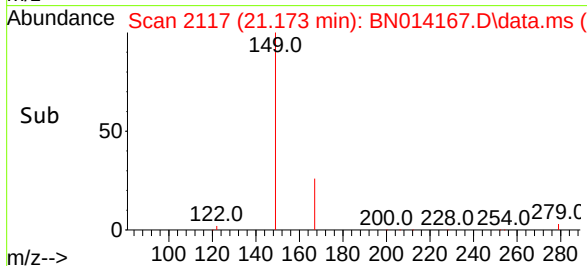
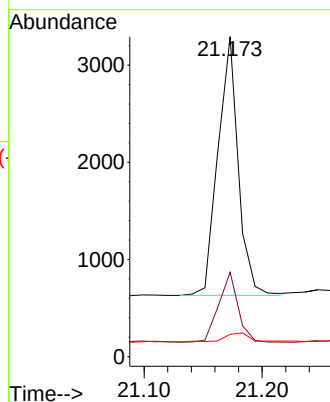
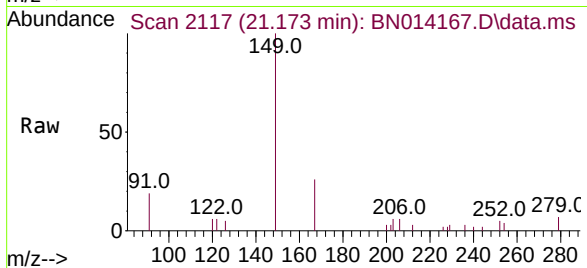




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.14 ng
 RT: 21.173 min Scan# 2117
 Delta R.T. -0.000 min
 Lab File: BN014167.D
 Acq: 01 Apr 2021 07:27

Instrument :
 BNA_N
 ClientSampleId :
 MW179D-20210324

Tgt Ion:149 Resp: 3182
 Ion Ratio Lower Upper
 149 100
 167 25.9 21.4 32.2
 279 4.4 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: BN014167.D
 Acq: 01 Apr 2021 07:27

Tgt Ion:264 Resp: 23550
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.8 29.8
 265 32.5 30.7 46.1

