

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032522\
 Data File : BN019167.D
 Acq On : 25 Mar 2022 21:45
 Operator : CG/JU
 Sample : N2090-13
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-57

Quant Time: Mar 26 04:22:48 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 25 19:03:12 2022
 Response via : Initial Calibration

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

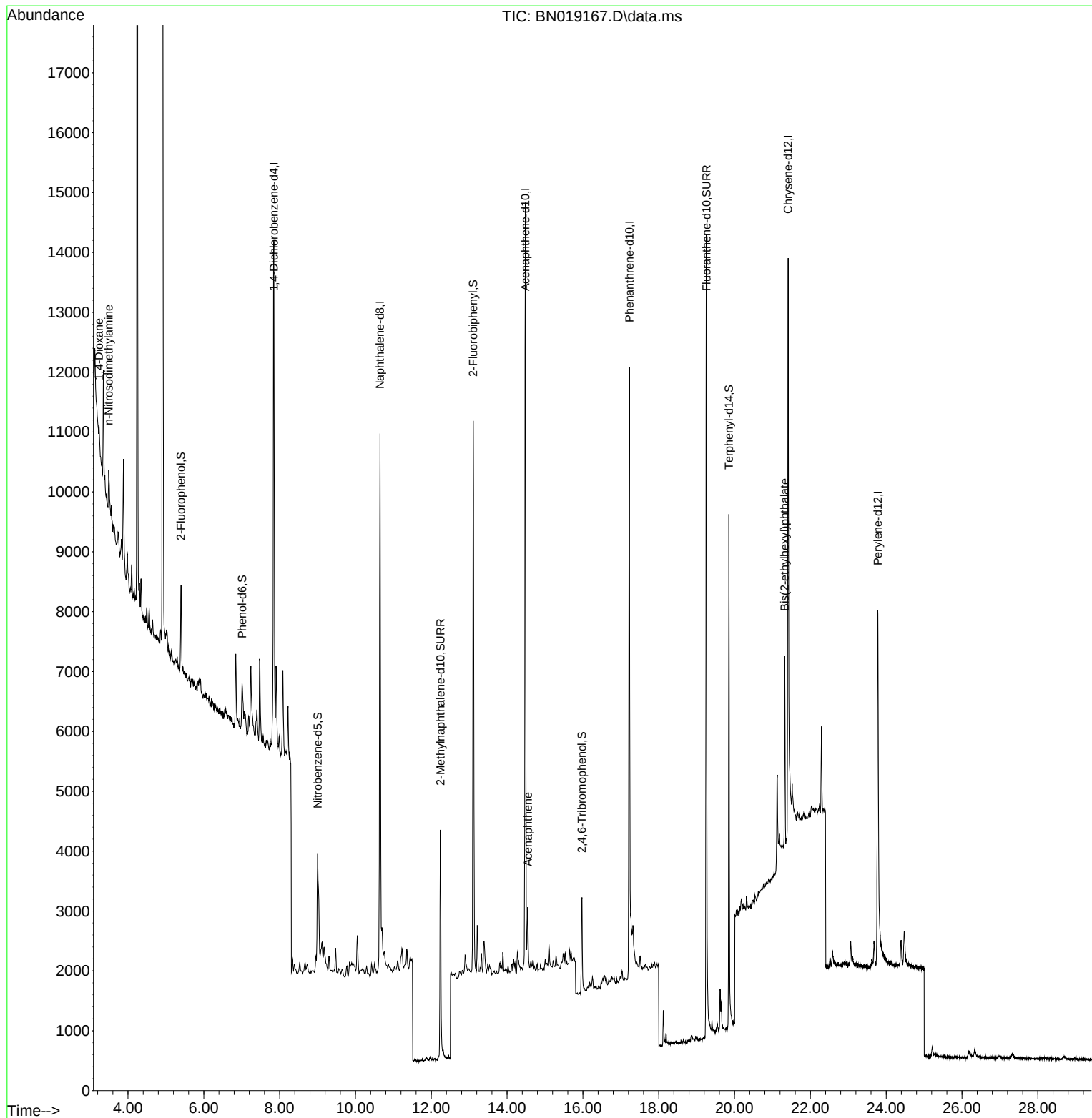
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.847	152	4437	0.400	ng	0.00
7) Naphthalene-d8	10.648	136	12703	0.400	ng	# 0.00
13) Acenaphthene-d10	14.484	164	7593	0.400	ng	0.00
19) Phenanthrene-d10	17.225	188	15169	0.400	ng	0.00
29) Chrysene-d12	21.413	240	12209	0.400	ng	# 0.00
35) Perylene-d12	23.779	264	10488	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	1248	0.119	ng	0.00
5) Phenol-d6	7.009	99	782	0.065	ng	0.00
8) Nitrobenzene-d5	9.003	82	2312	0.235	ng	0.01
11) 2-Methylnaphthalene-d10	12.242	152	5884	0.289	ng	0.00
14) 2,4,6-Tribromophenol	15.974	330	1057	0.286	ng	0.00
15) 2-Fluorobiphenyl	13.105	172	8929	0.280	ng	0.00
27) Fluoranthene-d10	19.257	212	16772	0.378	ng	0.00
31) Terphenyl-d14	19.851	244	9715	0.356	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.232	88	149	0.025	ng	# 77
3) n-Nitrosodimethylamine	3.492	42	193	0.029	ng	# 1
17) Acenaphthene	14.549	154	492	0.020	ng	93
34) Bis(2-ethylhexyl)phtha...	21.324	149	2896	0.121	ng	# 98

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

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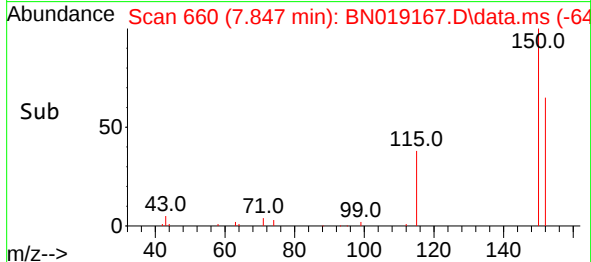
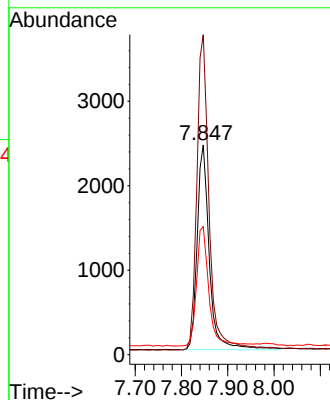
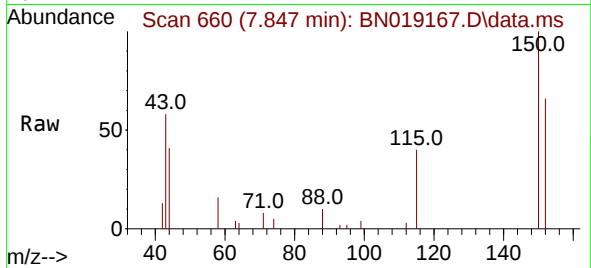




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.847 min Scan# 60
 Delta R.T. 0.000 min
 Lab File: BN019167.D
 Acq: 25 Mar 2022 21:45

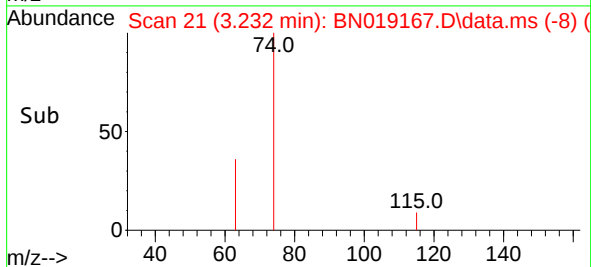
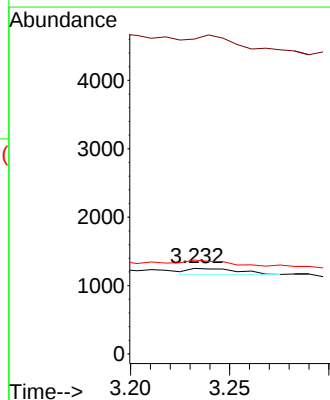
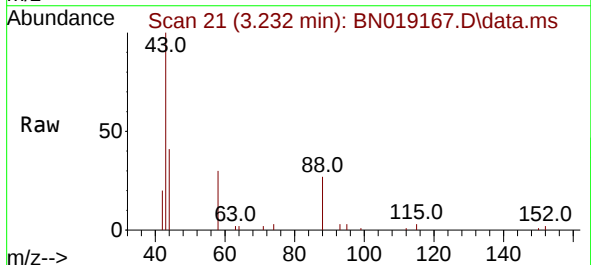
Instrument :
 BNA_N
 ClientSampleId :
 MW-57

Tgt Ion: 152 Resp: 4437
 Ion Ratio Lower Upper
 152 100
 150 152.6 123.9 185.9
 115 61.0 48.2 72.4



#2
 1,4-Dioxane
 Concen: 0.025 ng
 RT: 3.232 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BN019167.D
 Acq: 25 Mar 2022 21:45

Tgt Ion: 88 Resp: 149
 Ion Ratio Lower Upper
 88 100
 43 0.0 24.6 37.0#
 58 91.3 65.4 98.2

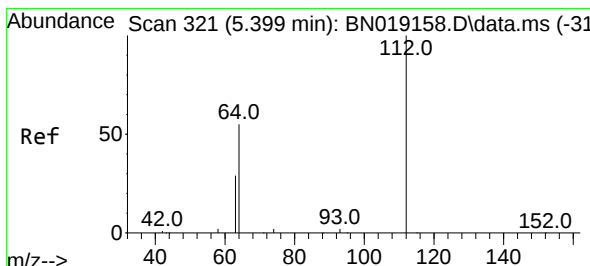
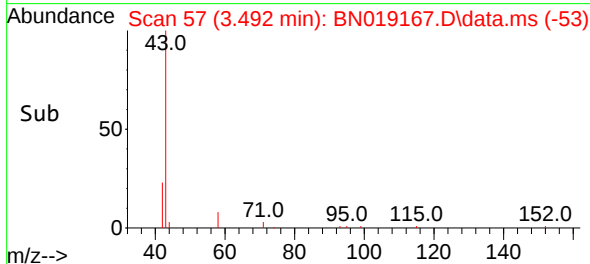
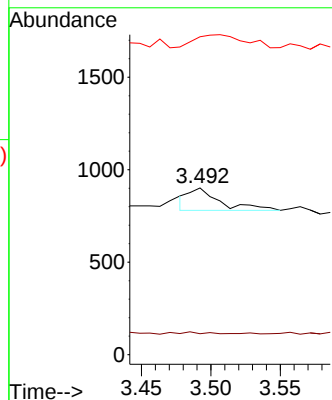
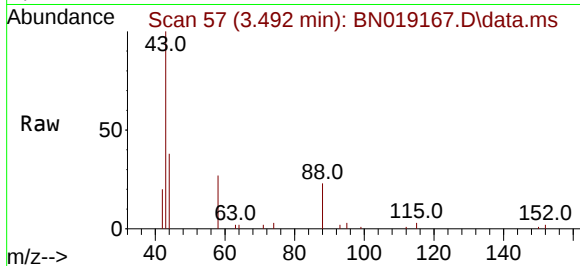




#3
n-Nitrosodimethylamine
Concen: 0.029 ng
RT: 3.492 min Scan# 51
Delta R.T. -0.072 min
Lab File: BN019167.D
Acq: 25 Mar 2022 21:45

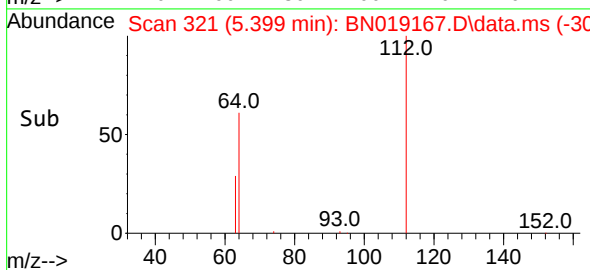
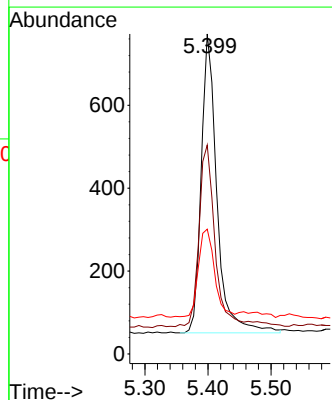
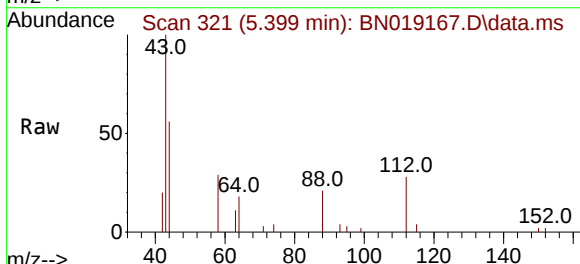
Instrument :
BNA_N
ClientSampleId :
MW-57

Tgt Ion: 42 Resp: 193
Ion Ratio Lower Upper
42 100
74 0.0 96.9 145.3#
44 87.6 7.3 10.9#



#4
2-Fluorophenol
Concen: 0.119 ng
RT: 5.399 min Scan# 321
Delta R.T. -0.000 min
Lab File: BN019167.D
Acq: 25 Mar 2022 21:45

Tgt Ion: 112 Resp: 1248
Ion Ratio Lower Upper
112 100
64 62.8 47.8 71.8
63 30.2 25.7 38.5

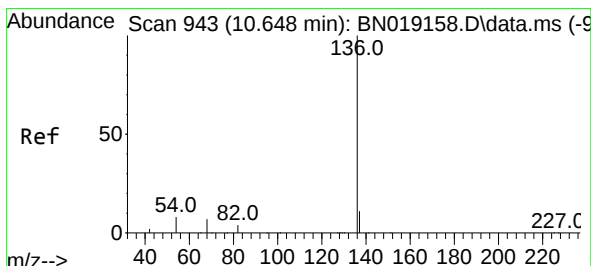
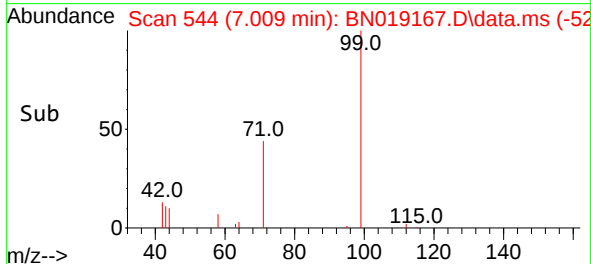
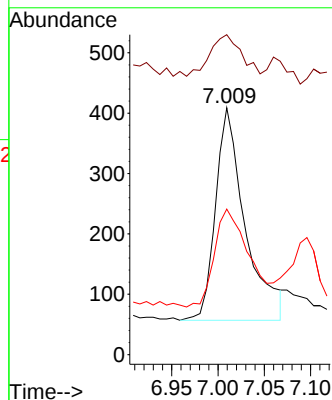
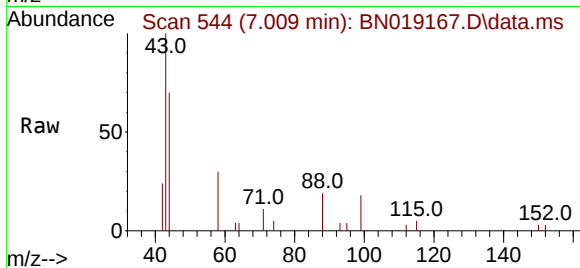




#5
Phenol-d6
Concen: 0.065 ng
RT: 7.009 min Scan# 543
Delta R.T. 0.007 min
Lab File: BN019167.D
Acq: 25 Mar 2022 21:45

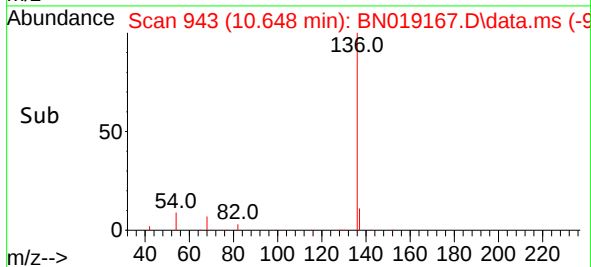
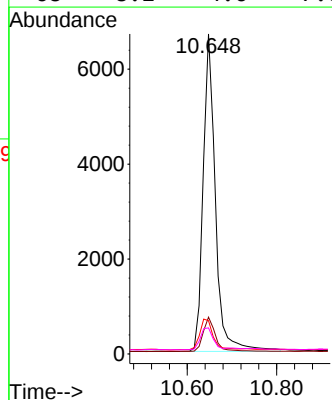
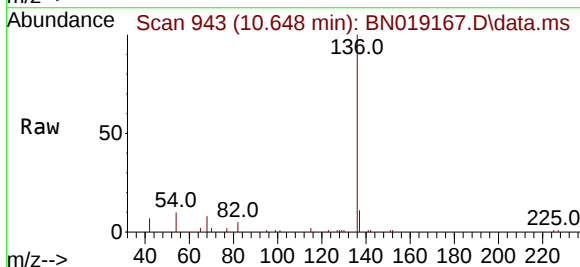
Instrument :
BNA_N
ClientSampleId :
MW-57

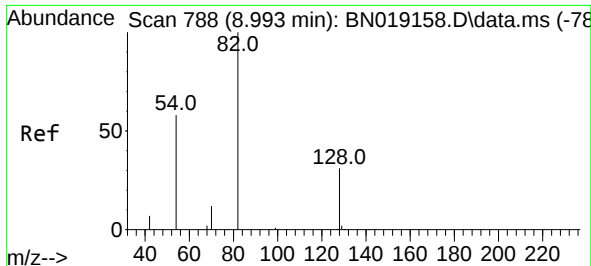
Tgt Ion: 99 Resp: 782
Ion Ratio Lower Upper
99 100
42 20.6 16.2 24.4
71 52.6 27.7 41.5#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.648 min Scan# 943
Delta R.T. -0.000 min
Lab File: BN019167.D
Acq: 25 Mar 2022 21:45

Tgt Ion: 136 Resp: 12703
Ion Ratio Lower Upper
136 100
137 11.5 9.0 13.4
54 10.4 5.8 8.6#
68 8.2 4.6 7.0#

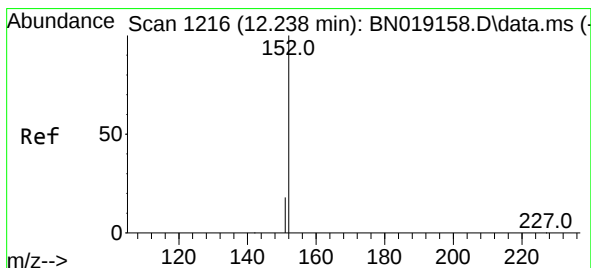
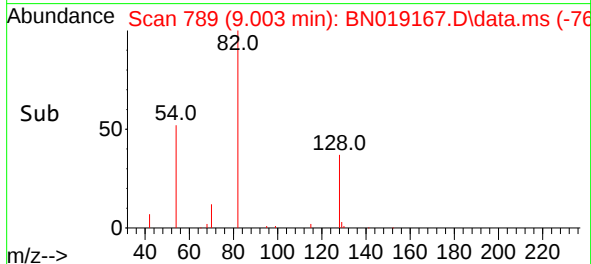
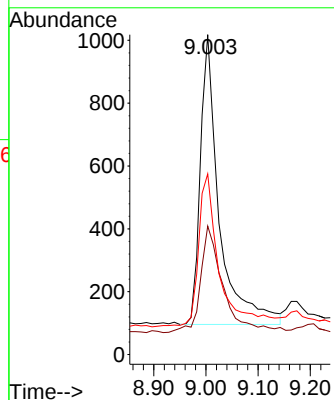
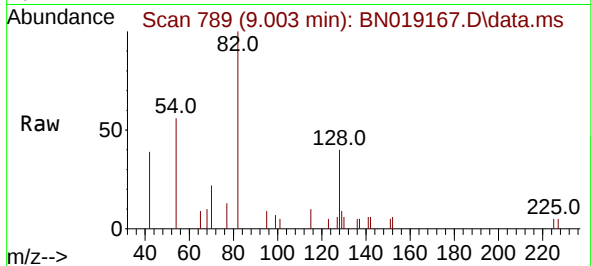




#8
Nitrobenzene-d5
Concen: 0.235 ng
RT: 9.003 min Scan# 71
Delta R.T. 0.011 min
Lab File: BN019167.D
Acq: 25 Mar 2022 21:45

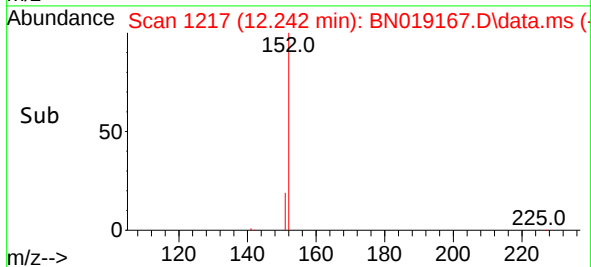
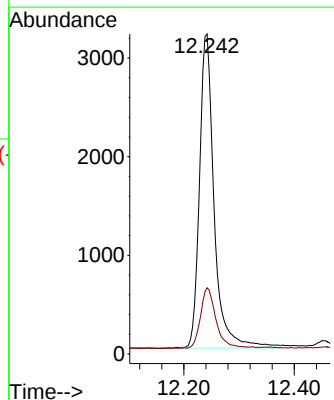
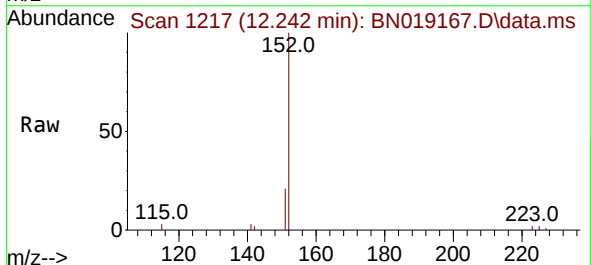
Instrument :
BNA_N
ClientSampleId :
MW-57

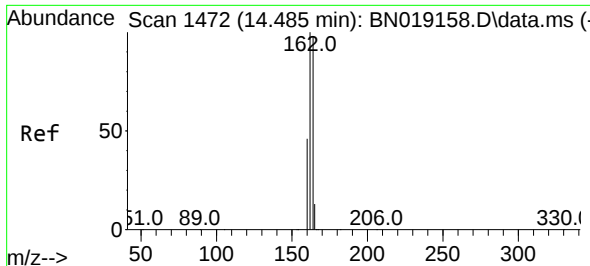
Tgt Ion:	82	Resp:	2312
Ion	Ratio	Lower	Upper
82	100		
128	40.2	33.0	49.6
54	56.5	42.5	63.7



#11
2-Methylnaphthalene-d10
Concen: 0.289 ng
RT: 12.242 min Scan# 1217
Delta R.T. 0.004 min
Lab File: BN019167.D
Acq: 25 Mar 2022 21:45

Tgt Ion:	152	Resp:	5884
Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.5	24.7

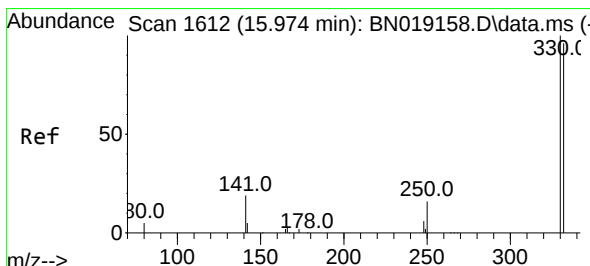
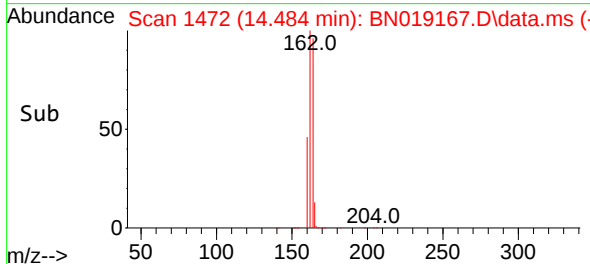
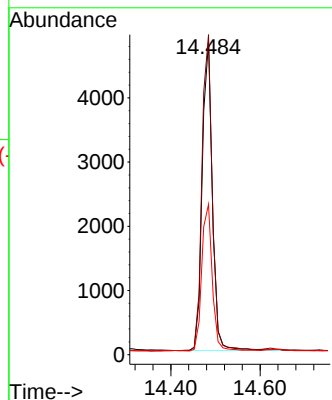
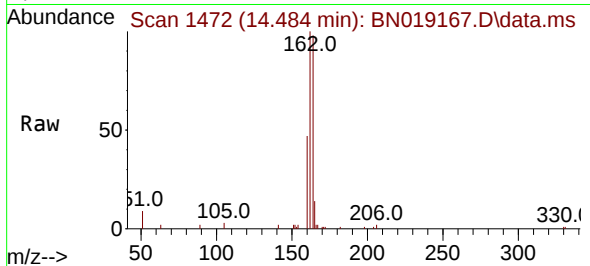




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.484 min Scan# 1472
Delta R.T. -0.000 min
Lab File: BN019167.D
Acq: 25 Mar 2022 21:45

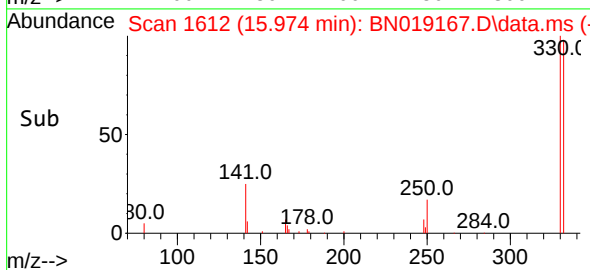
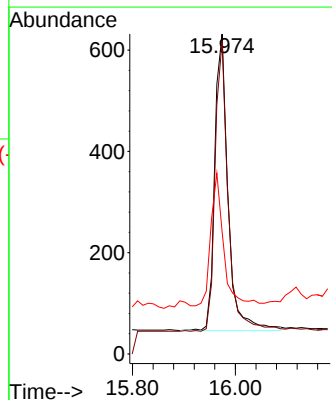
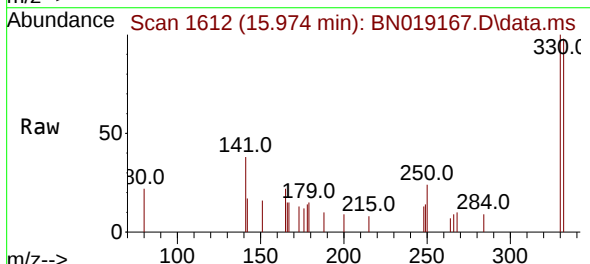
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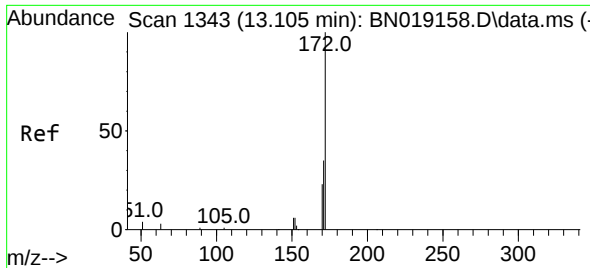
Tgt Ion:164 Resp: 7593
Ion Ratio Lower Upper
164 100
162 102.2 85.2 127.8
160 48.1 41.5 62.3



#14
2,4,6-Tribromophenol
Concen: 0.286 ng
RT: 15.974 min Scan# 1612
Delta R.T. -0.000 min
Lab File: BN019167.D
Acq: 25 Mar 2022 21:45

Tgt Ion:330 Resp: 1057
Ion Ratio Lower Upper
330 100
332 95.0 76.8 115.2
141 43.0 32.2 48.2

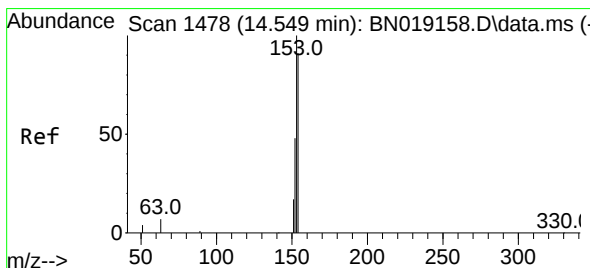
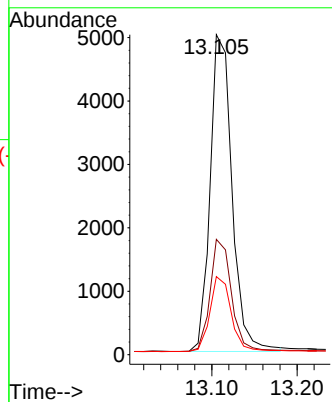
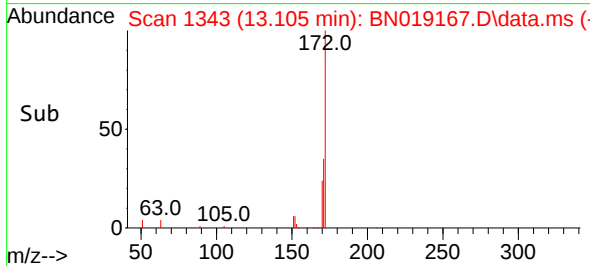
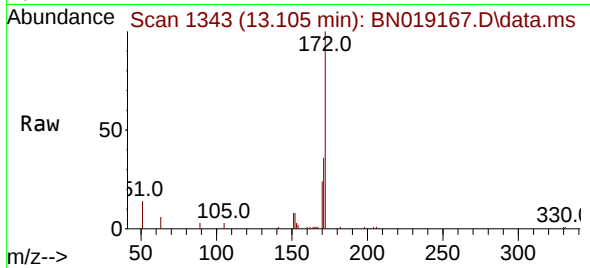




#15
2-Fluorobiphenyl
Concen: 0.280 ng
RT: 13.105 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN019167.D
Acq: 25 Mar 2022 21:45

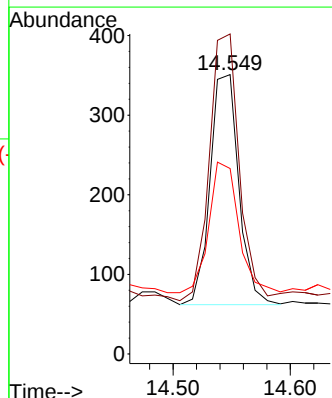
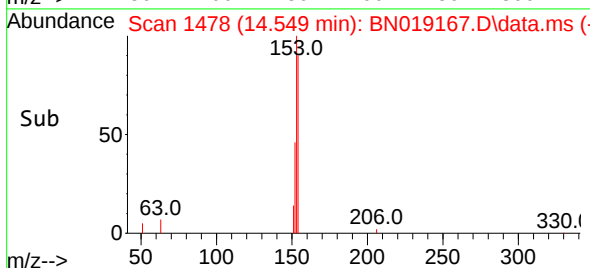
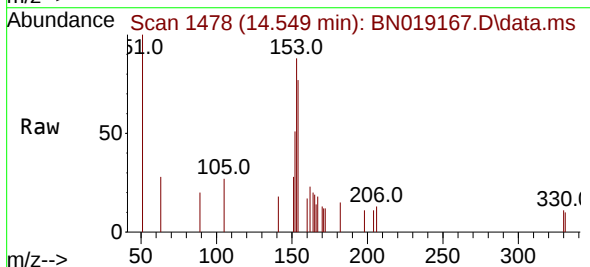
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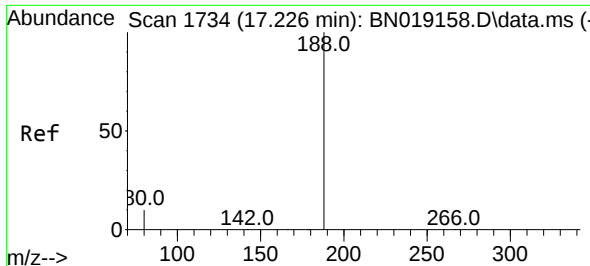
Tgt Ion:	172	Resp:	8929
Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.2	42.2
170	24.4	18.7	28.1



#17
Acenaphthene
Concen: 0.020 ng
RT: 14.549 min Scan# 1478
Delta R.T. -0.000 min
Lab File: BN019167.D
Acq: 25 Mar 2022 21:45

Tgt Ion:	154	Resp:	492
Ion	Ratio	Lower	Upper
154	100		
153	121.1	89.7	134.5
152	58.3	44.7	67.1

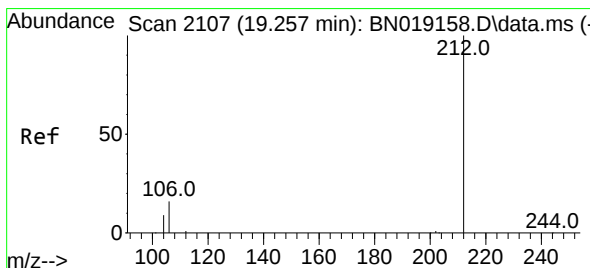
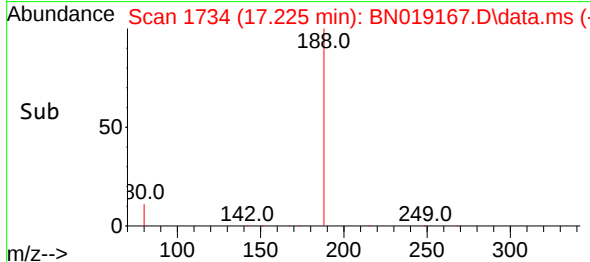
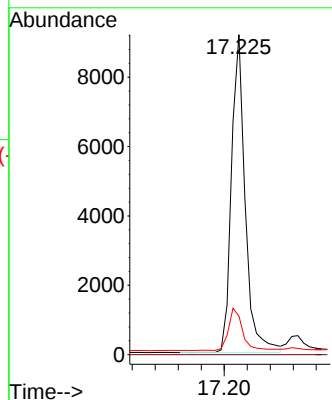
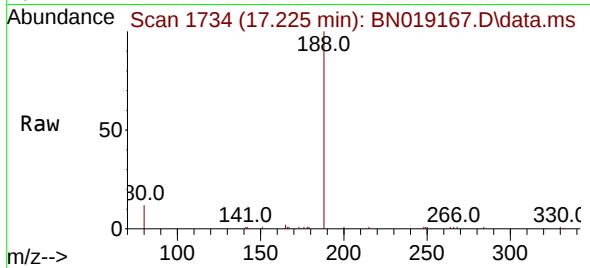




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.225 min Scan# 1734
Delta R.T. -0.000 min
Lab File: BN019167.D
Acq: 25 Mar 2022 21:45

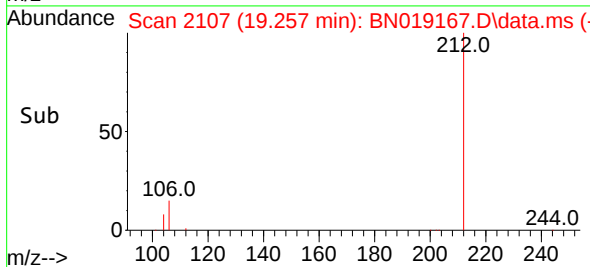
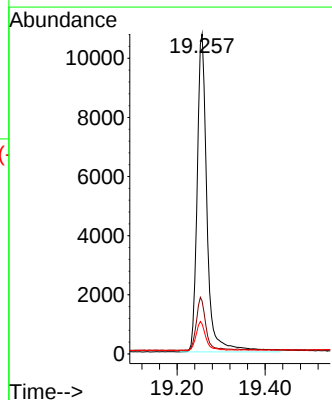
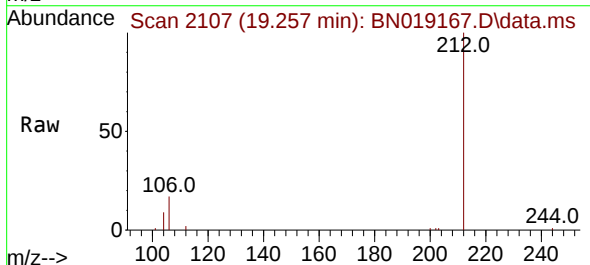
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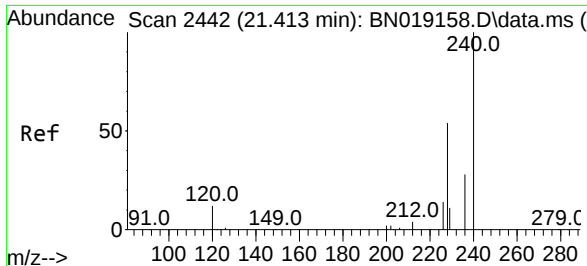
Tgt Ion:188 Resp: 15169
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.1 11.8 17.8



#27
Fluoranthene-d10
Concen: 0.378 ng
RT: 19.257 min Scan# 2107
Delta R.T. -0.000 min
Lab File: BN019167.D
Acq: 25 Mar 2022 21:45

Tgt Ion:212 Resp: 16772
Ion Ratio Lower Upper
212 100
106 16.0 12.7 19.1
104 8.9 7.1 10.7

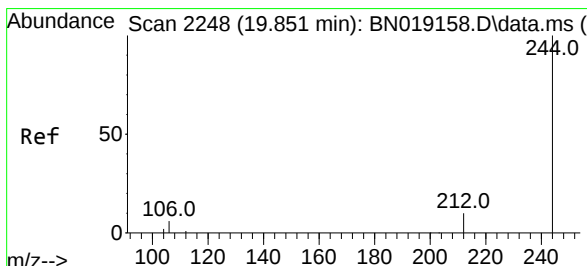
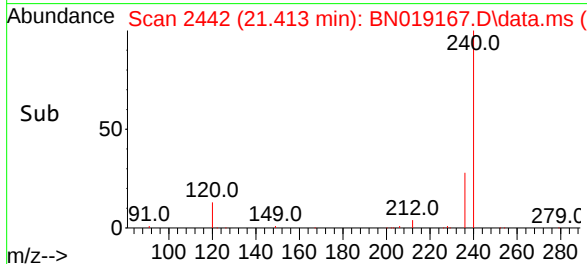
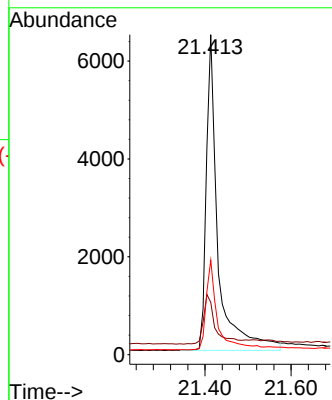
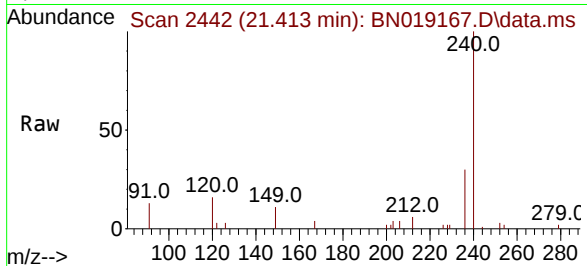




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.413 min Scan# 2442
Delta R.T. -0.000 min
Lab File: BN019167.D
Acq: 25 Mar 2022 21:45

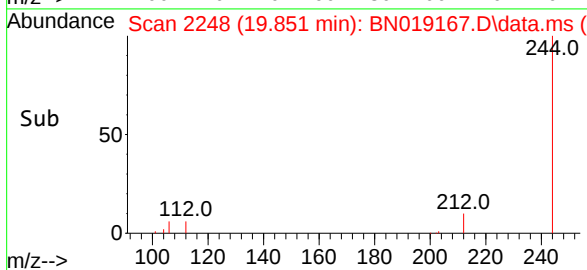
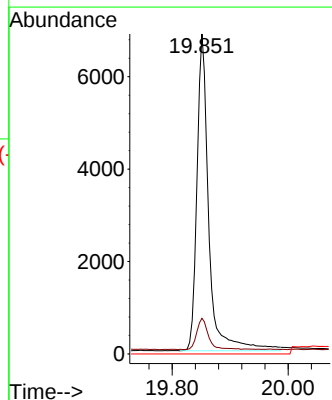
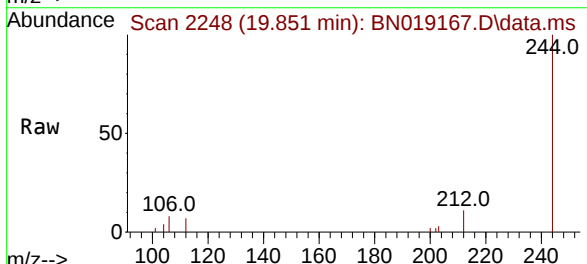
Instrument :
BNA_N
ClientSampleId :
MW-57

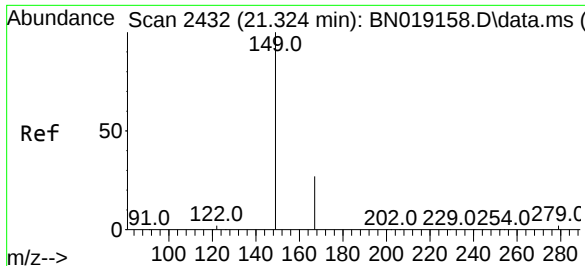
Tgt Ion:240 Resp: 12209
Ion Ratio Lower Upper
240 100
120 16.4 8.5 12.7#
236 29.5 22.4 33.6



#31
Terphenyl-d14
Concen: 0.356 ng
RT: 19.851 min Scan# 2248
Delta R.T. -0.000 min
Lab File: BN019167.D
Acq: 25 Mar 2022 21:45

Tgt Ion:244 Resp: 9715
Ion Ratio Lower Upper
244 100
212 11.1 8.2 12.4
122 0.0 0.0 0.0

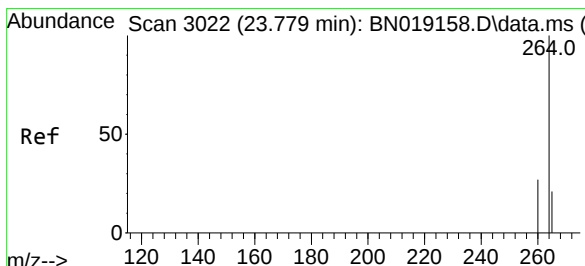
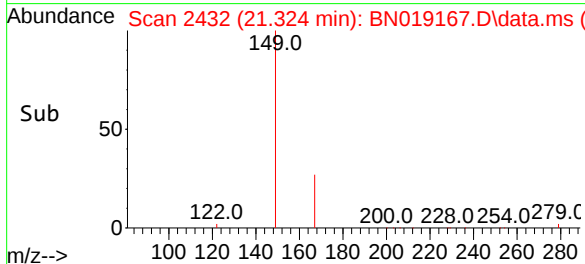
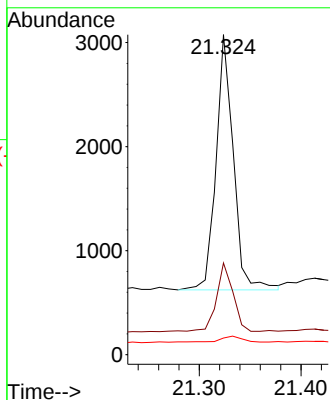
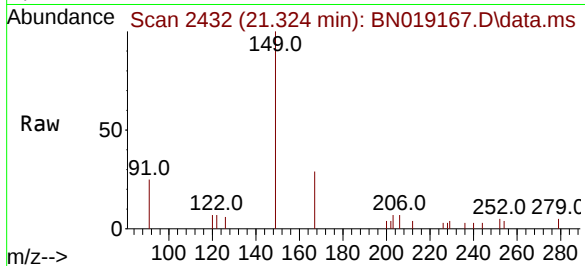




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.121 ng
 RT: 21.324 min Scan# 2432
 Delta R.T. -0.000 min
 Lab File: BN019167.D
 Acq: 25 Mar 2022 21:45

Instrument :
 BNA_N
 ClientSampleId :
 MW-57

Tgt Ion:149 Resp: 2896
 Ion Ratio Lower Upper
 149 100
 167 26.2 21.8 32.8
 279 4.4 2.0 3.0#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.779 min Scan# 3022
 Delta R.T. -0.000 min
 Lab File: BN019167.D
 Acq: 25 Mar 2022 21:45

Tgt Ion:264 Resp: 10488
 Ion Ratio Lower Upper
 264 100
 260 28.2 22.4 33.6
 265 42.5 25.3 37.9#

