

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032122\
 Data File : BN019038.D
 Acq On : 22 Mar 2022 01:43
 Operator : CG/JU
 Sample : N2000-11
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE-134D3-20220315

Quant Time: Mar 22 05:18:54 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN031722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 17 13:18:23 2022
 Response via : Initial Calibration

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

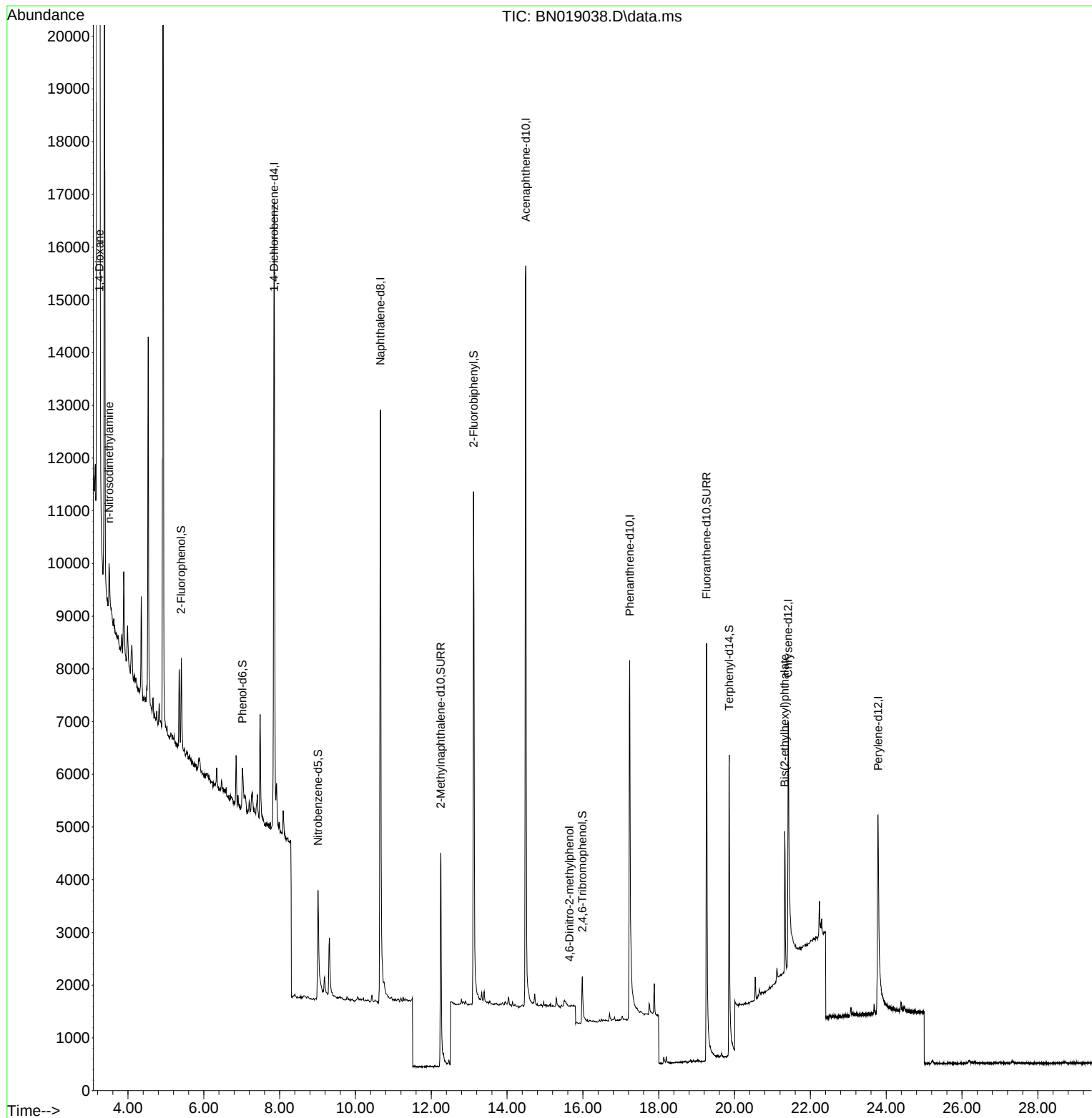
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	6310	0.400	ng	0.00
7) Naphthalene-d8	10.658	136	17300	0.400	ng	# 0.00
13) Acenaphthene-d10	14.495	164	9763	0.400	ng	0.00
19) Phenanthrene-d10	17.236	188	14704	0.400	ng	# 0.00
29) Chrysene-d12	21.413	240	8685	0.400	ng	# 0.00
35) Perylene-d12	23.785	264	8220	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.406	112	1587	0.112	ng	0.00
5) Phenol-d6	7.017	99	769	0.052	ng	0.00
8) Nitrobenzene-d5	9.014	82	2793	0.224	ng	0.00
11) 2-Methylnaphthalene-d10	12.250	152	6842	0.238	ng	0.00
14) 2,4,6-Tribromophenol	15.984	330	778	0.165	ng	0.00
15) 2-Fluorobiphenyl	13.116	172	9994	0.255	ng	-0.01
27) Fluoranthene-d10	19.261	212	11925	0.273	ng	0.00
31) Terphenyl-d14	19.860	244	8378	0.393	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.247	88	46932	6.018	ng	Qvalue 98
3) n-Nitrosodimethylamine	3.507	42	247	0.027	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.650	198	6	0.112	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.324	149	2781	0.157	ng	96

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

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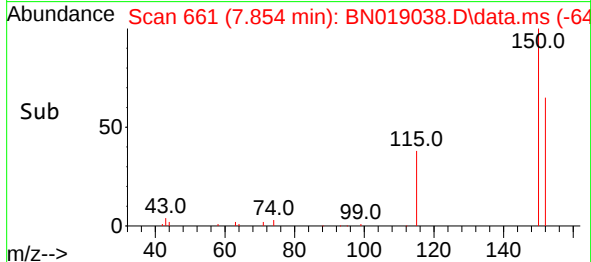
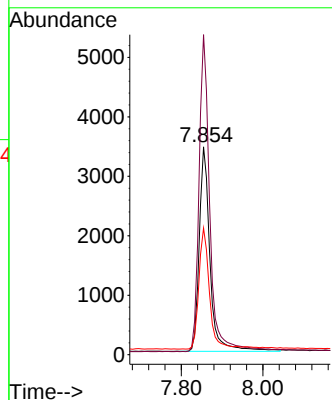
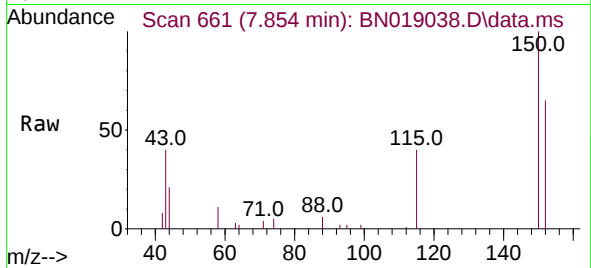




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.854 min Scan# 661
 Delta R.T. 0.000 min
 Lab File: BN019038.D
 Acq: 22 Mar 2022 01:43

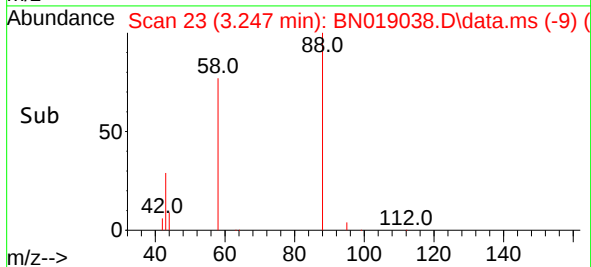
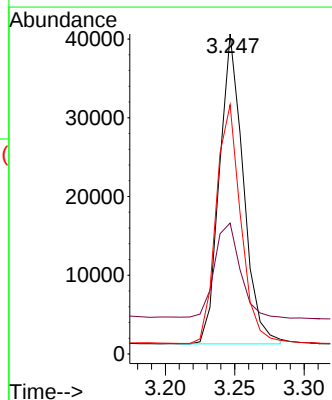
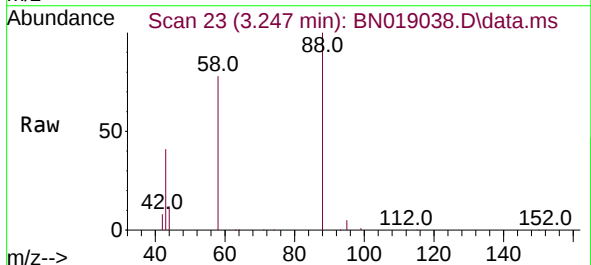
Instrument :
 BNA_N
 ClientSampleId :
 RE-134D3-20220315

Tgt Ion:152 Resp: 6310
 Ion Ratio Lower Upper
 152 100
 150 153.9 123.9 185.9
 115 60.9 48.2 72.4



#2
 1,4-Dioxane
 Concen: 6.018 ng
 RT: 3.247 min Scan# 23
 Delta R.T. -0.000 min
 Lab File: BN019038.D
 Acq: 22 Mar 2022 01:43

Tgt Ion: 88 Resp: 46932
 Ion Ratio Lower Upper
 88 100
 43 32.1 24.6 37.0
 58 79.7 65.4 98.2

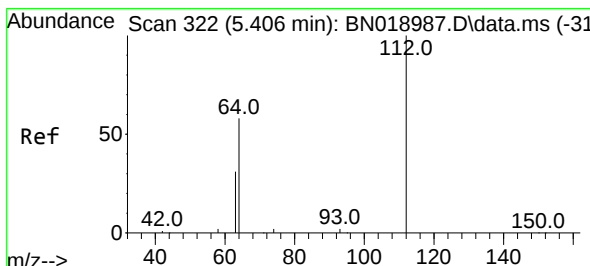
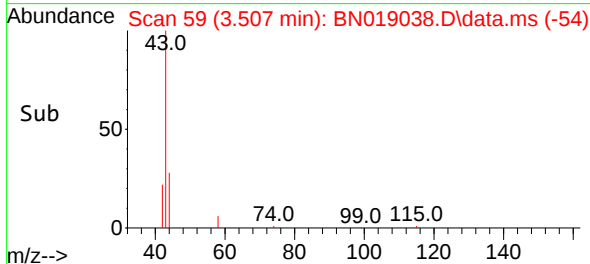
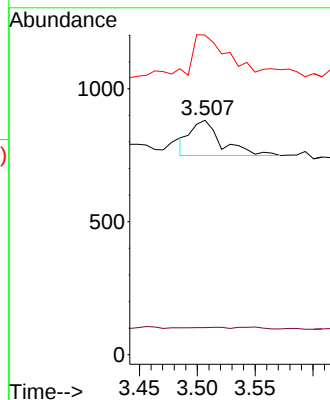
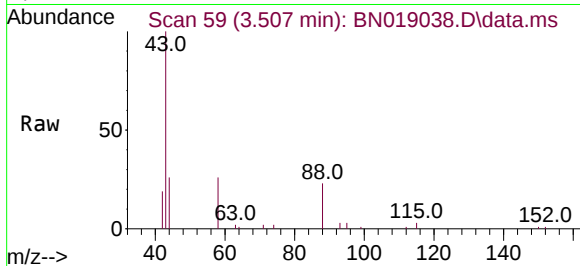




#3
n-Nitrosodimethylamine
Concen: 0.027 ng
RT: 3.507 min Scan# 51
Delta R.T. -0.065 min
Lab File: BN019038.D
Acq: 22 Mar 2022 01:43

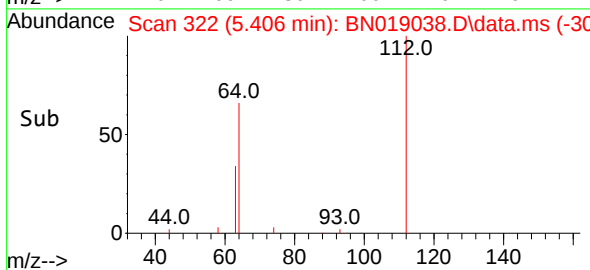
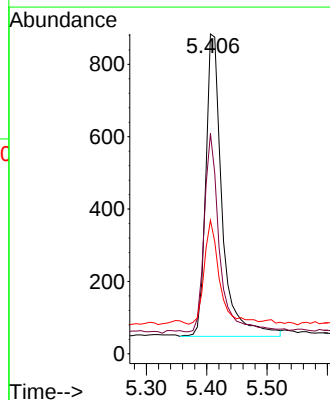
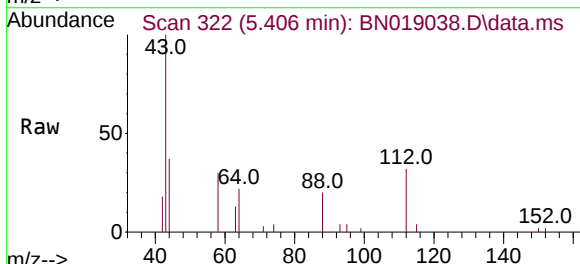
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ClientSampleId :
RE-134D3-20220315

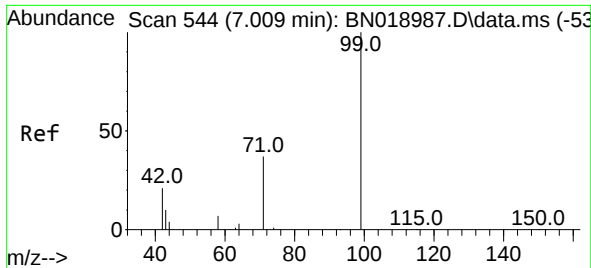
Tgt Ion: 42 Resp: 247
Ion Ratio Lower Upper
42 100
74 0.0 96.9 145.3#
44 125.1 7.3 10.9#



#4
2-Fluorophenol
Concen: 0.112 ng
RT: 5.406 min Scan# 322
Delta R.T. -0.000 min
Lab File: BN019038.D
Acq: 22 Mar 2022 01:43

Tgt Ion: 112 Resp: 1587
Ion Ratio Lower Upper
112 100
64 60.9 47.8 71.8
63 31.8 25.7 38.5

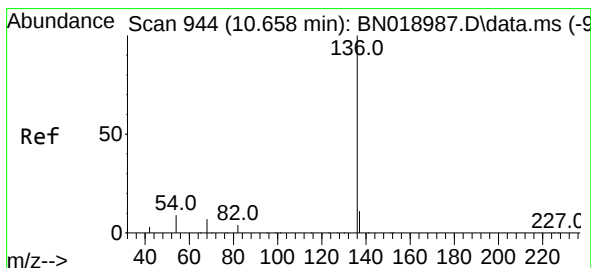
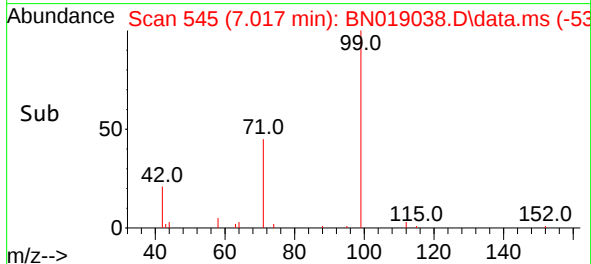
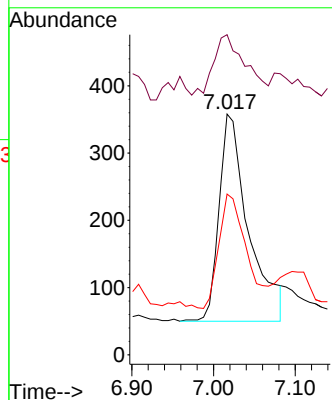
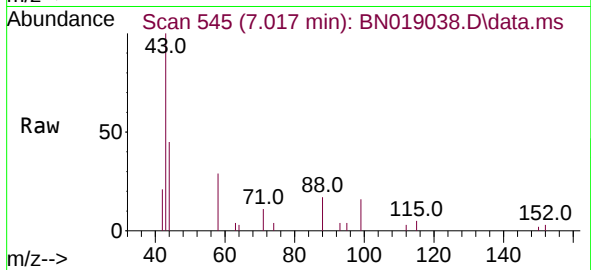




#5
Phenol-d6
Concen: 0.052 ng
RT: 7.017 min Scan# 544
Delta R.T. 0.007 min
Lab File: BN019038.D
Acq: 22 Mar 2022 01:43

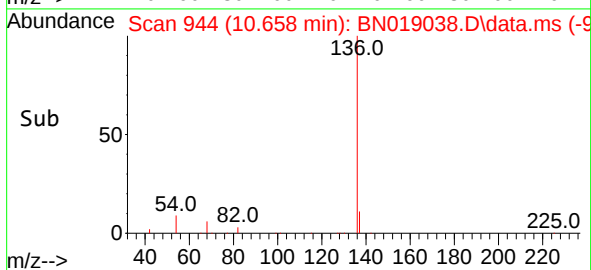
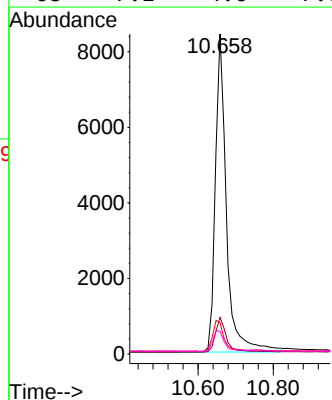
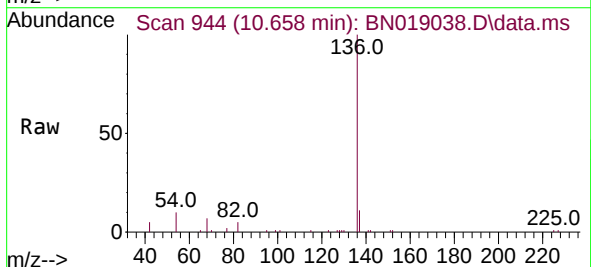
Instrument :
BNA_N
ClientSampleId :
RE-134D3-20220315

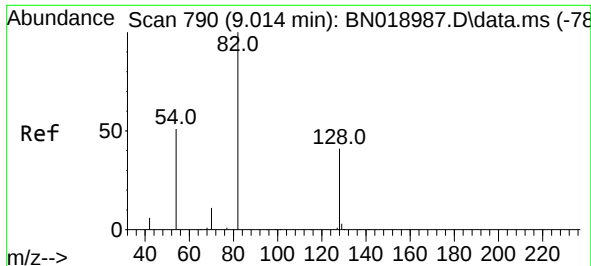
Tgt Ion: 99 Resp: 769
Ion Ratio Lower Upper
99 100
42 31.2 16.2 24.4#
71 52.0 27.7 41.5#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.658 min Scan# 944
Delta R.T. -0.000 min
Lab File: BN019038.D
Acq: 22 Mar 2022 01:43

Tgt Ion: 136 Resp: 17300
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.4
54 9.7 5.8 8.6#
68 7.1 4.6 7.0#

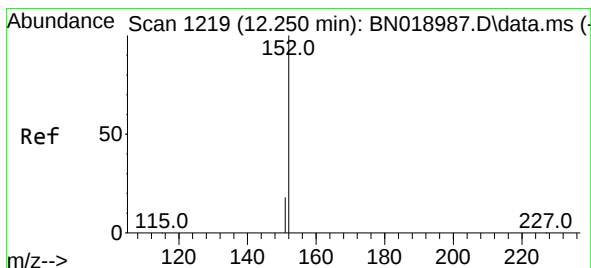
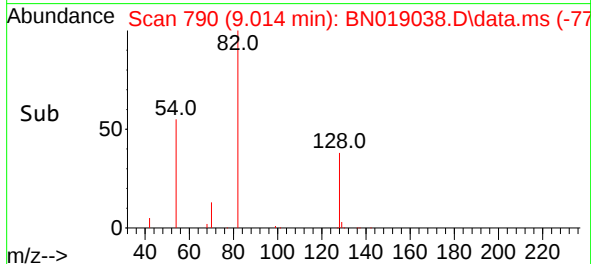
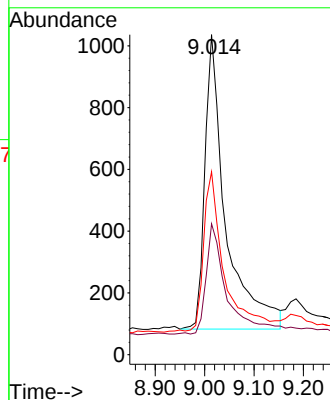
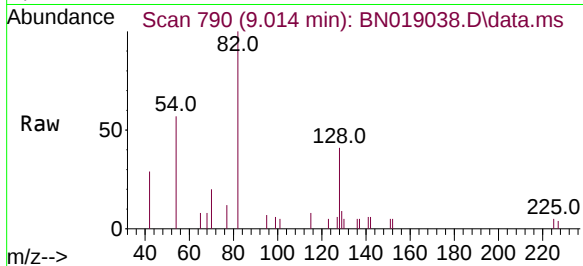




#8
Nitrobenzene-d5
Concen: 0.224 ng
RT: 9.014 min Scan# 790
Delta R.T. -0.000 min
Lab File: BN019038.D
Acq: 22 Mar 2022 01:43

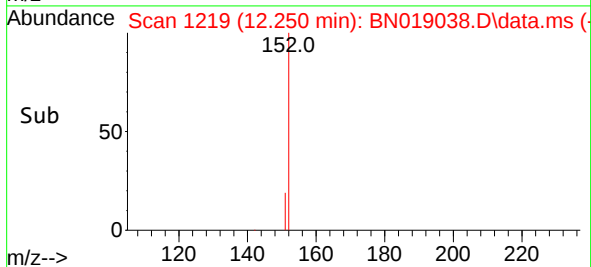
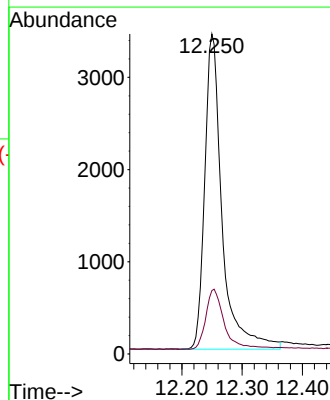
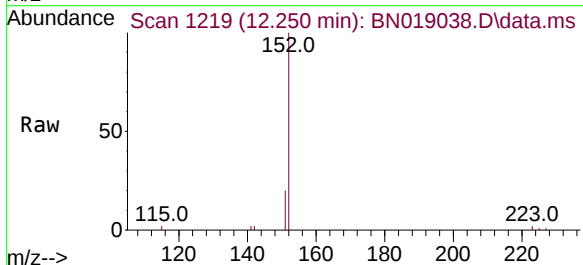
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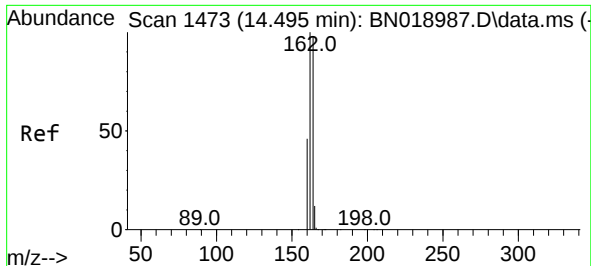
Tgt Ion: 82 Resp: 2793
Ion Ratio Lower Upper
82 100
128 40.9 33.0 49.6
54 57.1 42.5 63.7



#11
2-Methylnaphthalene-d10
Concen: 0.238 ng
RT: 12.250 min Scan# 1219
Delta R.T. -0.000 min
Lab File: BN019038.D
Acq: 22 Mar 2022 01:43

Tgt Ion: 152 Resp: 6842
Ion Ratio Lower Upper
152 100
151 20.5 16.5 24.7

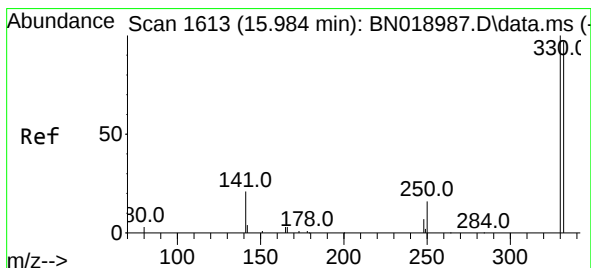
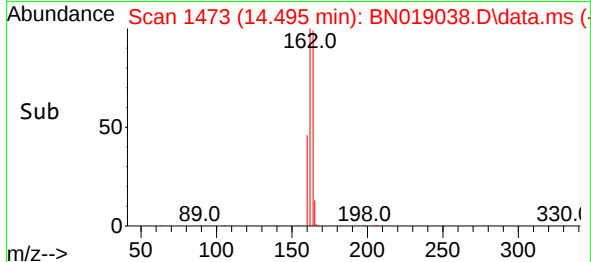
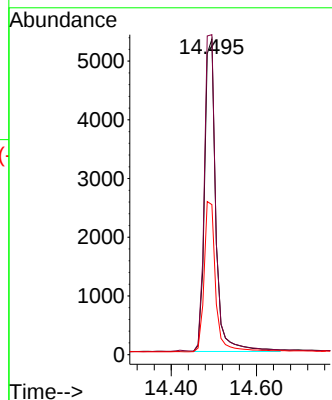
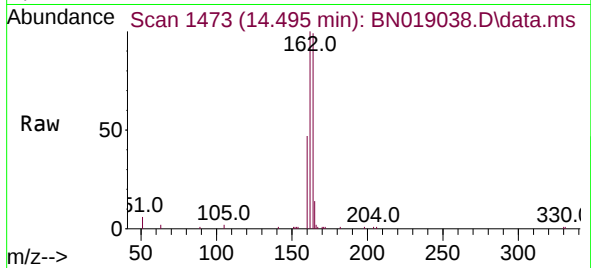




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.495 min Scan# 1473
Delta R.T. -0.000 min
Lab File: BN019038.D
Acq: 22 Mar 2022 01:43

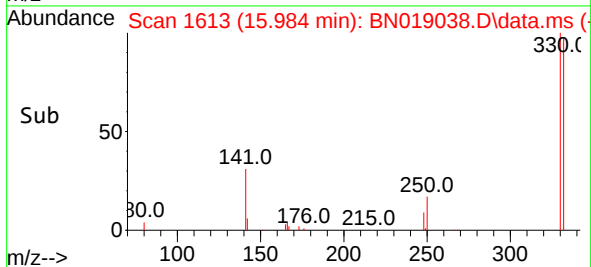
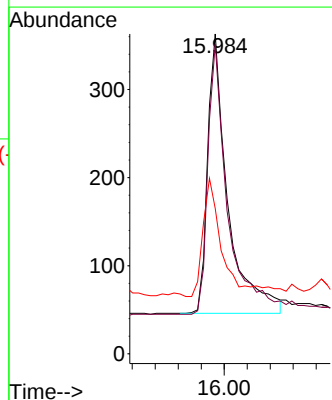
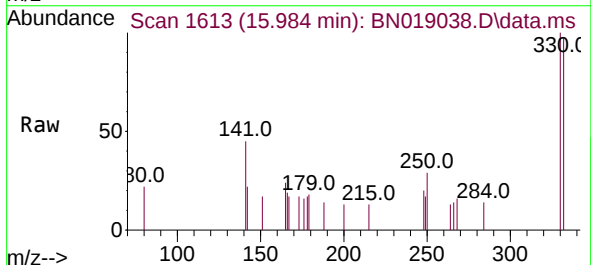
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RE-134D3-20220315

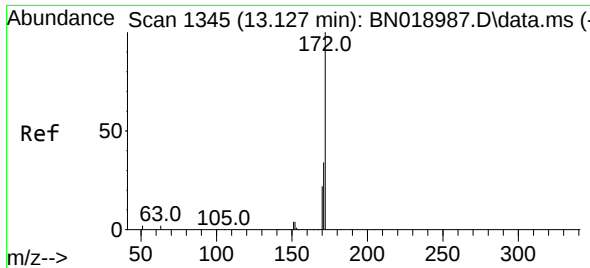
Tgt Ion:164 Resp: 9763
Ion Ratio Lower Upper
164 100
162 101.4 85.2 127.8
160 47.6 41.5 62.3



#14
2,4,6-Tribromophenol
Concen: 0.165 ng
RT: 15.984 min Scan# 1613
Delta R.T. 0.000 min
Lab File: BN019038.D
Acq: 22 Mar 2022 01:43

Tgt Ion:330 Resp: 778
Ion Ratio Lower Upper
330 100
332 93.7 76.8 115.2
141 41.3 32.2 48.2

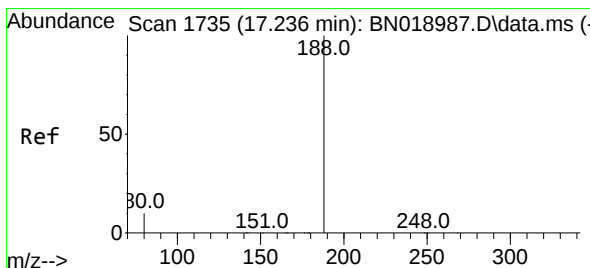
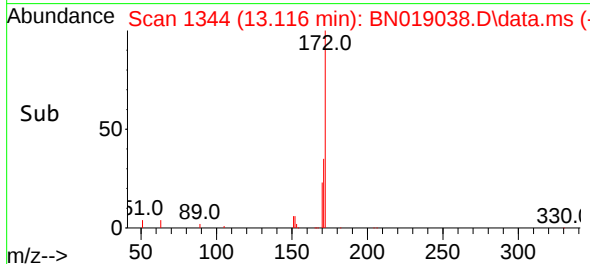
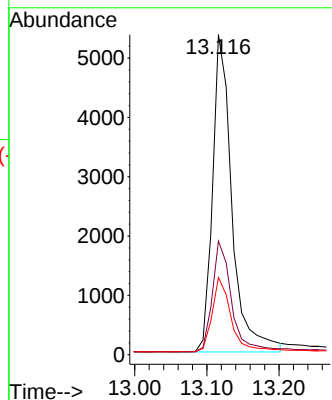
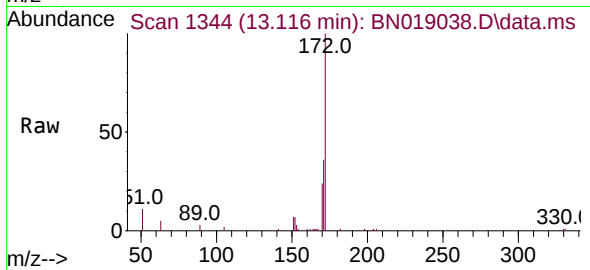




#15
2-Fluorobiphenyl
Concen: 0.255 ng
RT: 13.116 min Scan# 1344
Delta R.T. -0.011 min
Lab File: BN019038.D
Acq: 22 Mar 2022 01:43

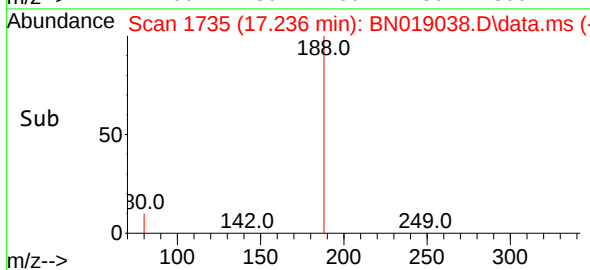
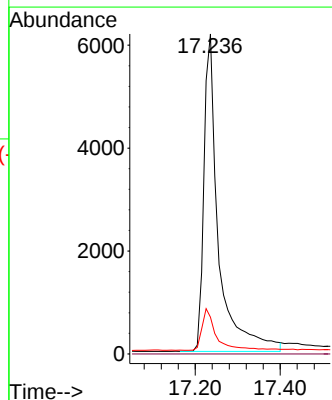
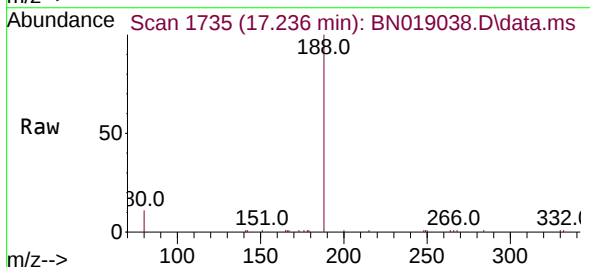
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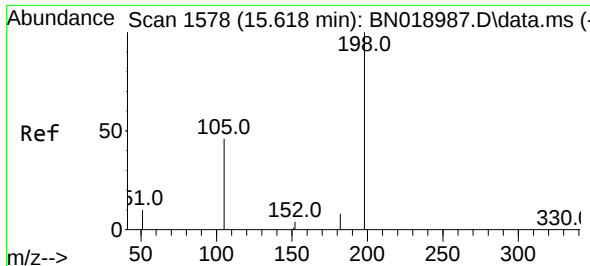
Tgt Ion:172 Resp: 9994
Ion Ratio Lower Upper
172 100
171 35.5 28.2 42.2
170 24.1 18.7 28.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.236 min Scan# 1735
Delta R.T. -0.000 min
Lab File: BN019038.D
Acq: 22 Mar 2022 01:43

Tgt Ion:188 Resp: 14704
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.5 11.8 17.8#

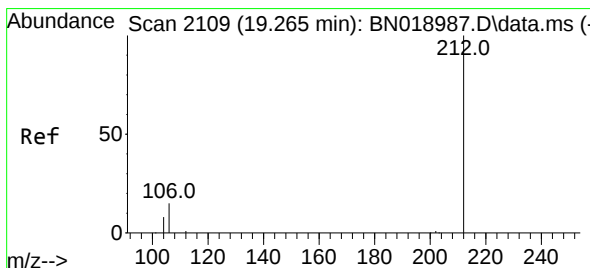
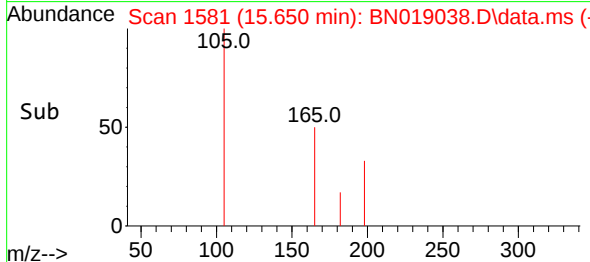
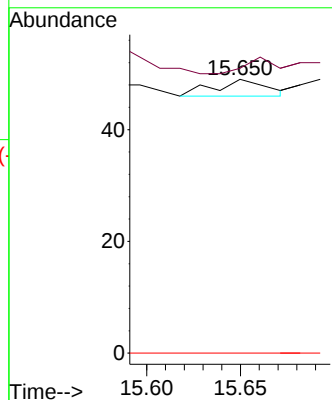
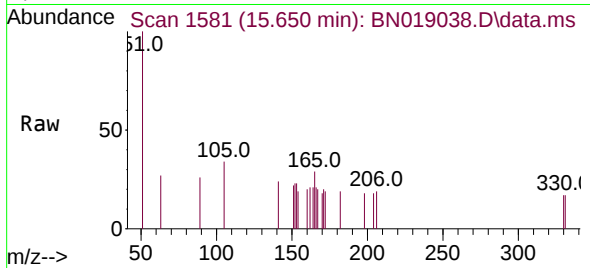




#20
4,6-Dinitro-2-methylphenol
Concen: 0.112 ng
RT: 15.650 min Scan# 11
Delta R.T. 0.032 min
Lab File: BN019038.D
Acq: 22 Mar 2022 01:43

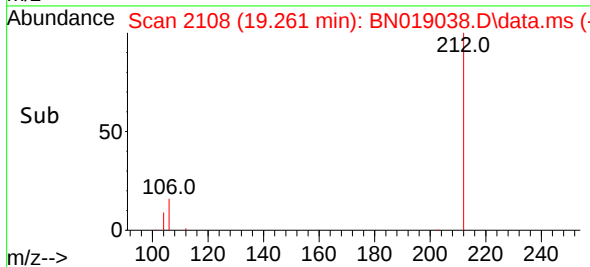
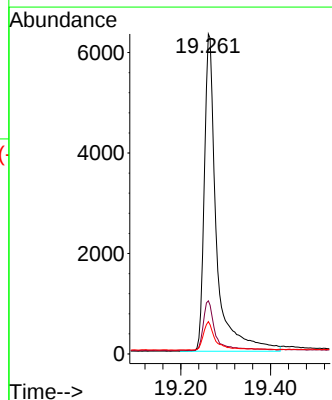
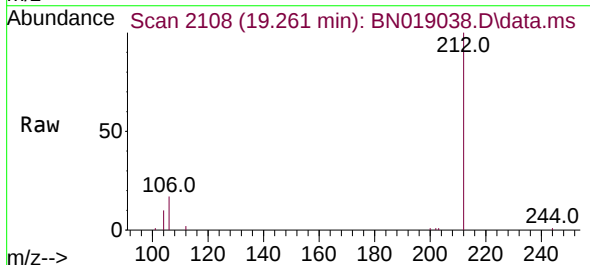
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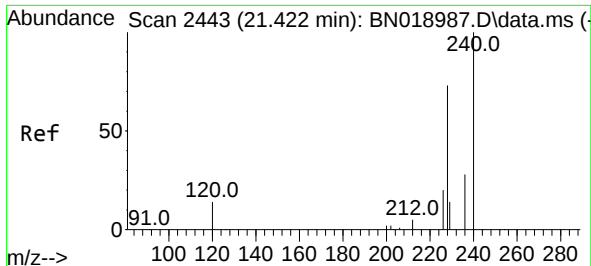
Tgt Ion:198 Resp: 6
Ion Ratio Lower Upper
198 100
182 104.1 13.0 19.4#
77 0.0 0.0 0.0



#27
Fluoranthene-d10
Concen: 0.273 ng
RT: 19.261 min Scan# 2108
Delta R.T. -0.004 min
Lab File: BN019038.D
Acq: 22 Mar 2022 01:43

Tgt Ion:212 Resp: 11925
Ion Ratio Lower Upper
212 100
106 15.0 12.7 19.1
104 8.5 7.1 10.7

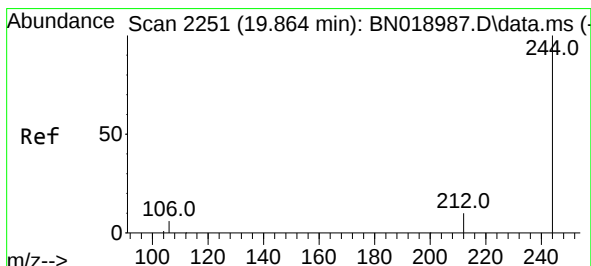
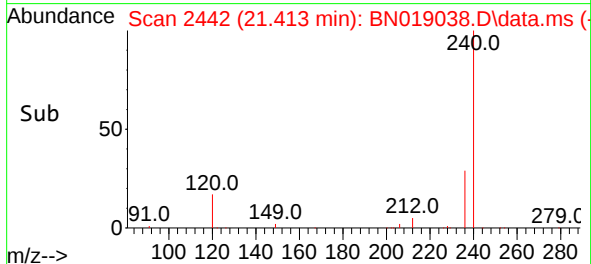
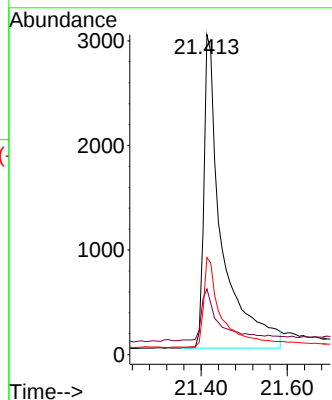
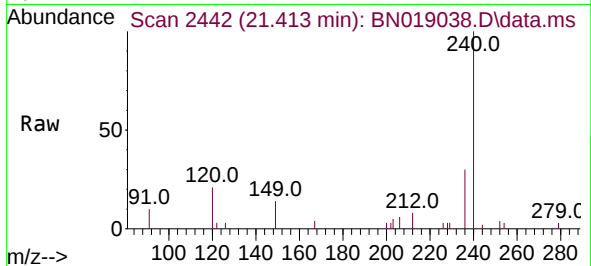




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.413 min Scan# 2443
Delta R.T. -0.009 min
Lab File: BN019038.D
Acq: 22 Mar 2022 01:43

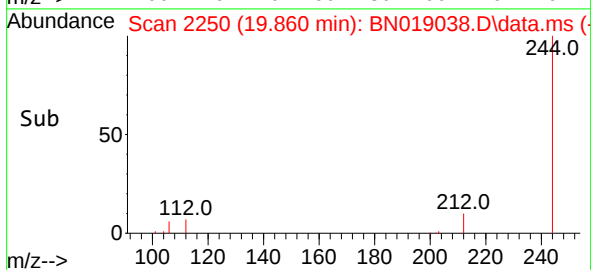
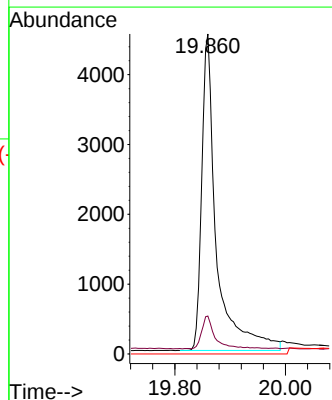
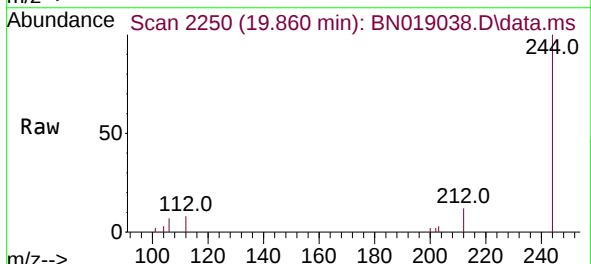
Instrument :
BNA_N
ClientSampleId :
RE-134D3-20220315

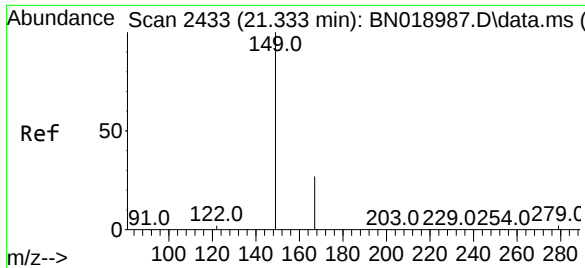
Tgt Ion:240 Resp: 8685
Ion Ratio Lower Upper
240 100
120 20.5 8.5 12.7#
236 30.4 22.4 33.6



#31
Terphenyl-d14
Concen: 0.393 ng
RT: 19.860 min Scan# 2250
Delta R.T. -0.004 min
Lab File: BN019038.D
Acq: 22 Mar 2022 01:43

Tgt Ion:244 Resp: 8378
Ion Ratio Lower Upper
244 100
212 11.8 8.2 12.4
122 0.0 0.0 0.0

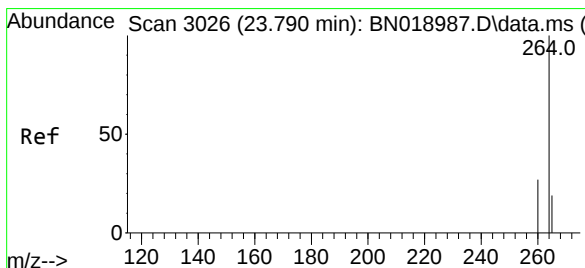
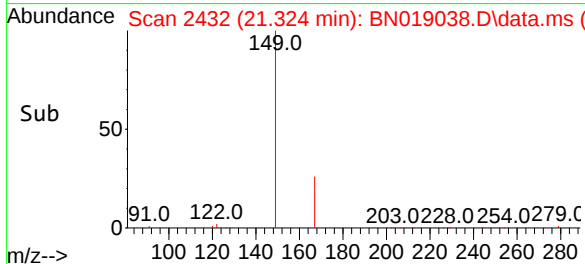
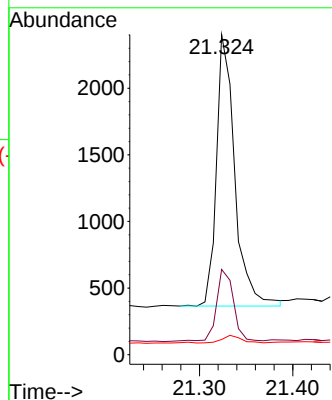
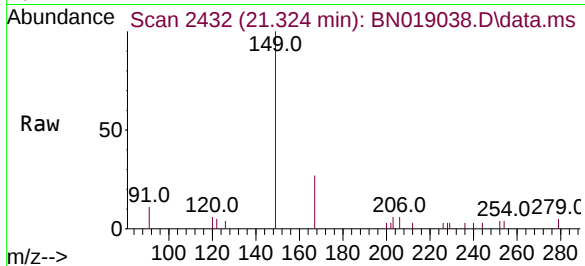




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.157 ng
 RT: 21.324 min Scan# 2432
 Delta R.T. -0.009 min
 Lab File: BN019038.D
 Acq: 22 Mar 2022 01:43

Instrument :
 BNA_N
 ClientSampleId :
 RE-134D3-20220315

Tgt Ion:	149	Resp:	2781
Ion	Ratio	Lower	Upper
149	100		
167	25.0	21.8	32.8
279	2.9	2.0	3.0



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.785 min Scan# 3024
 Delta R.T. -0.006 min
 Lab File: BN019038.D
 Acq: 22 Mar 2022 01:43

Tgt Ion:	264	Resp:	8220
Ion	Ratio	Lower	Upper
264	100		
260	28.4	22.4	33.6
265	43.4	25.3	37.9

