

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032422\
 Data File : BN019132.D
 Acq On : 24 Mar 2022 18:44
 Operator : CG/JU
 Sample : N2075-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE104D2-20220321

Quant Time: Mar 25 04:29:37 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)

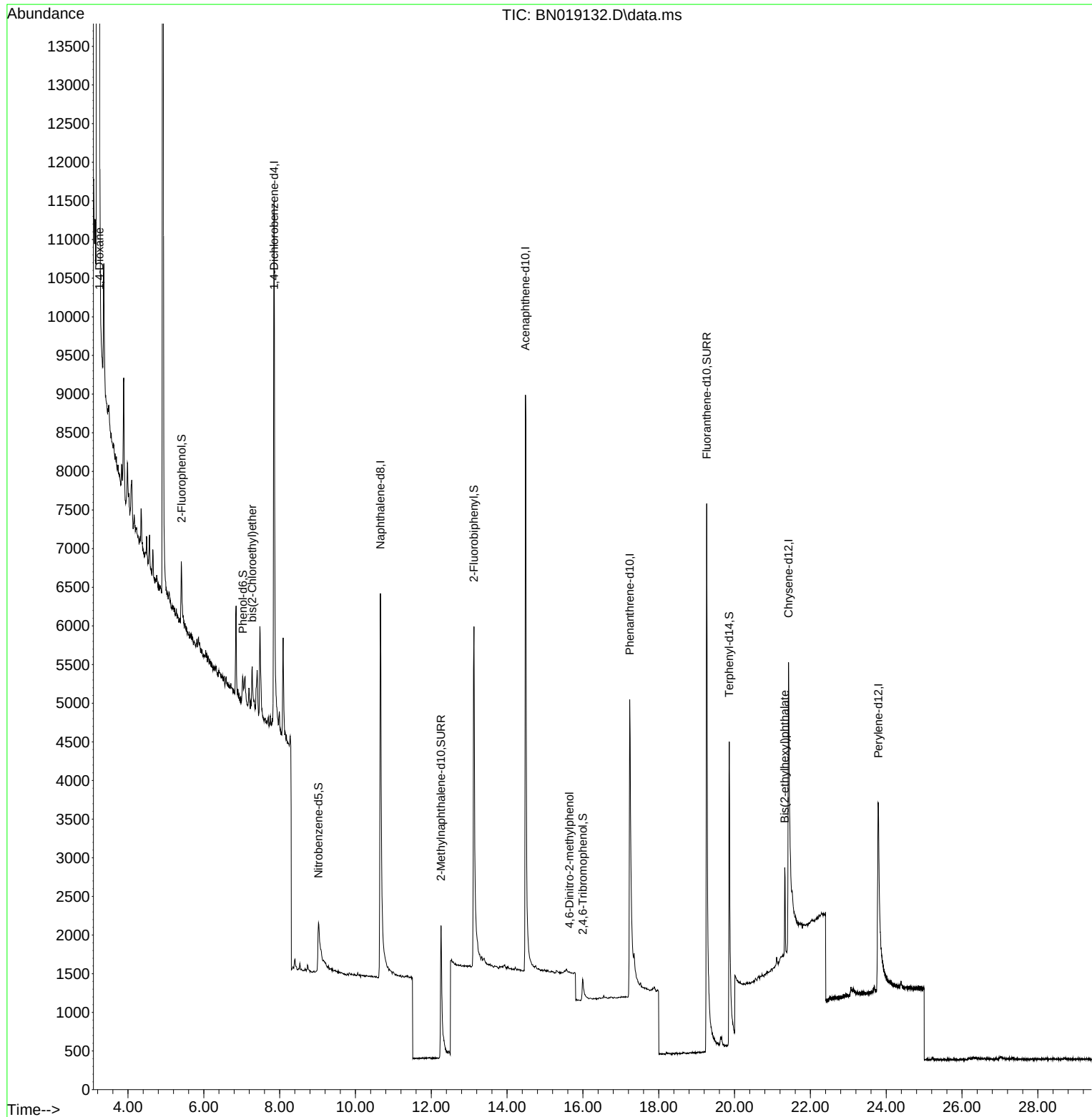
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.855	152	4200	0.400	ng	0.00
7) Naphthalene-d8	10.658	136	10396	0.400	ng	# 0.00
13) Acenaphthene-d10	14.485	164	6086	0.400	ng	-0.01
19) Phenanthrene-d10	17.236	188	11119	0.400	ng	0.00
29) Chrysene-d12	21.422	240	8620	0.400	ng	# 0.00
35) Perylene-d12	23.791	264	6776	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.413	112	867	0.092	ng	0.00
5) Phenol-d6	7.031	99	290	0.029	ng	0.02
8) Nitrobenzene-d5	9.025	82	1472	0.196	ng	0.01
11) 2-Methylnaphthalene-d10	12.257	152	4390	0.255	ng	0.00
14) 2,4,6-Tribromophenol	15.995	330	292	0.099	ng	0.01
15) 2-Fluorobiphenyl	13.127	172	5993	0.246	ng	0.00
27) Fluoranthene-d10	19.265	212	13368	0.405	ng	0.00
31) Terphenyl-d14	19.860	244	7675	0.363	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.247	88	4862	0.937	ng	# 95
6) bis(2-Chloroethyl)ether	7.277	93	605	0.052	ng	# 85
20) 4,6-Dinitro-2-methylph...	15.650	198	4	0.111	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.324	149	1205	0.068	ng	95

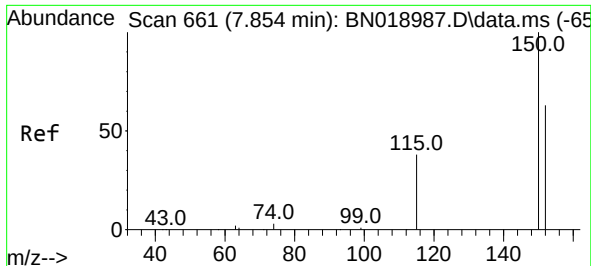
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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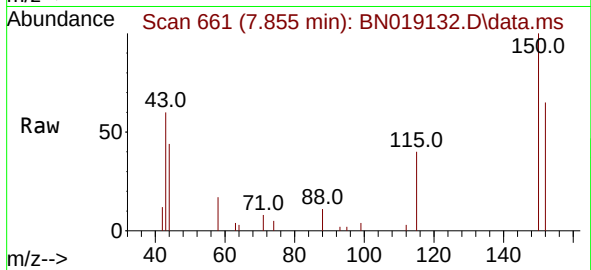
Quant Time: Mar 25 04:29:37 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN031722.M
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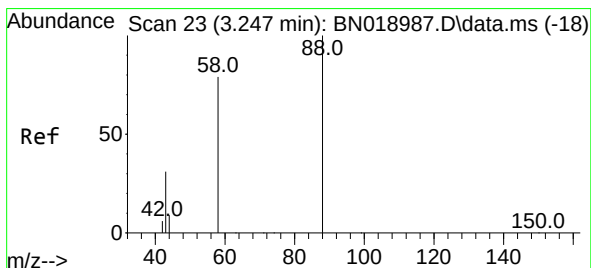
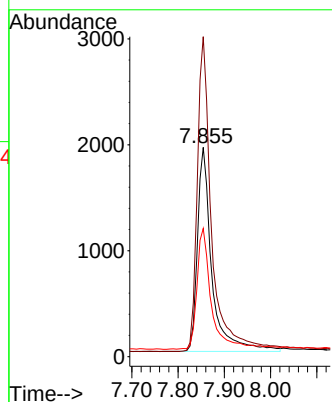
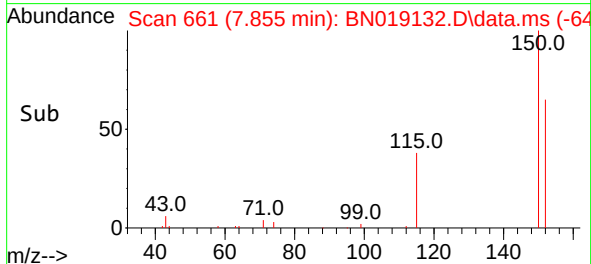


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.855 min Scan# 661
 Delta R.T. 0.001 min
 Lab File: BN019132.D
 Acq: 24 Mar 2022 18:44

Instrument :
 BNA_N
 ClientSampleId :
 RE104D2-20220321

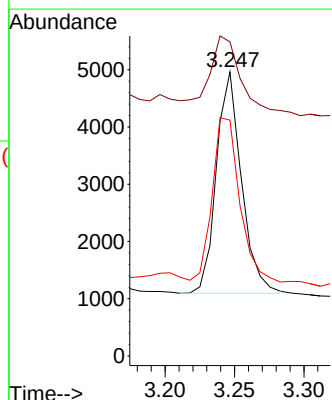
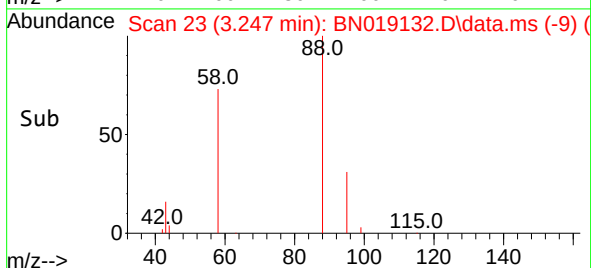
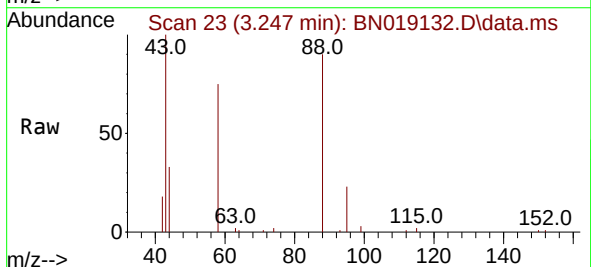


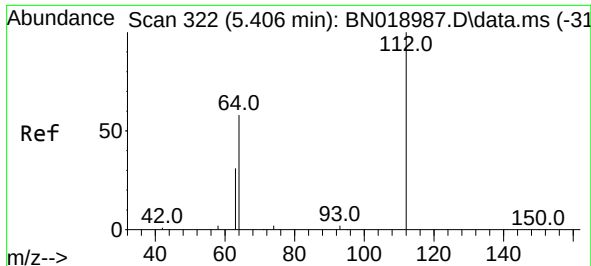
Tgt Ion:152 Resp: 4200
 Ion Ratio Lower Upper
 152 100
 150 153.0 123.9 185.9
 115 61.2 48.2 72.4



#2
 1,4-Dioxane
 Concen: 0.937 ng
 RT: 3.247 min Scan# 23
 Delta R.T. 0.000 min
 Lab File: BN019132.D
 Acq: 24 Mar 2022 18:44

Tgt Ion: 88 Resp: 4862
 Ion Ratio Lower Upper
 88 100
 43 39.6 24.6 37.0#
 58 81.0 65.4 98.2

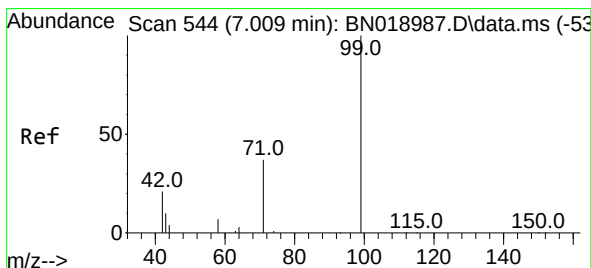
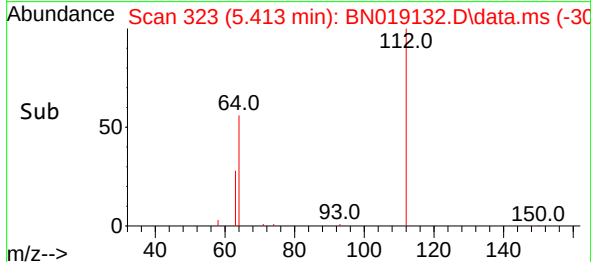
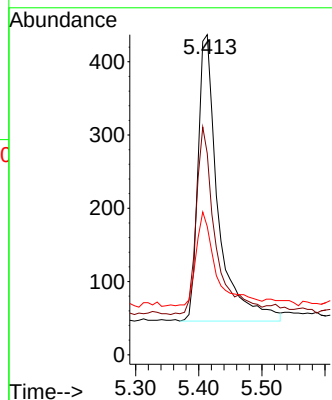
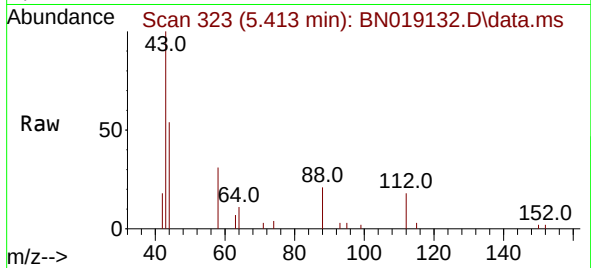




#4
2-Fluorophenol
Concen: 0.092 ng
RT: 5.413 min Scan# 31
Delta R.T. 0.007 min
Lab File: BN019132.D
Acq: 24 Mar 2022 18:44

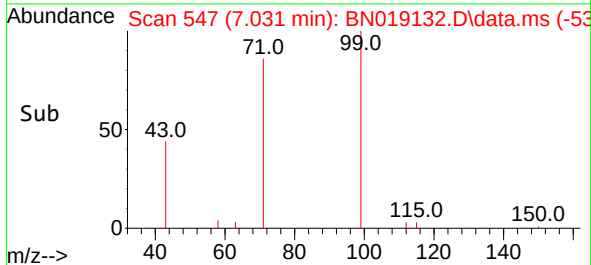
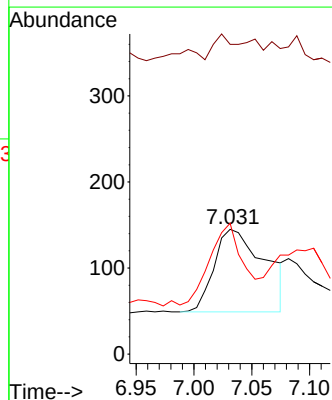
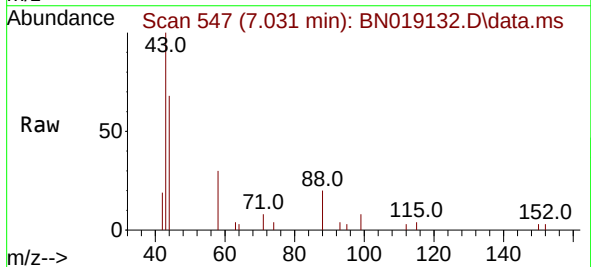
Instrument :
BNA_N
ClientSampleId :
RE104D2-20220321

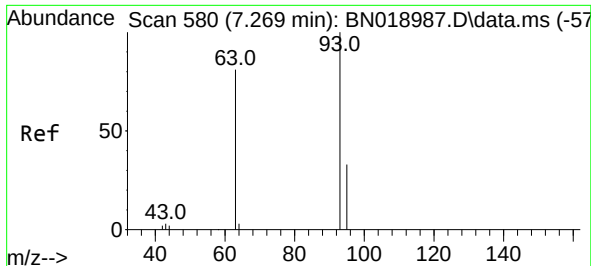
Tgt Ion:112 Resp: 867
Ion Ratio Lower Upper
112 100
64 62.6 47.8 71.8
63 32.3 25.7 38.5



#5
Phenol-d6
Concen: 0.029 ng
RT: 7.031 min Scan# 547
Delta R.T. 0.022 min
Lab File: BN019132.D
Acq: 24 Mar 2022 18:44

Tgt Ion: 99 Resp: 290
Ion Ratio Lower Upper
99 100
42 12.4 16.2 24.4#
71 67.2 27.7 41.5#

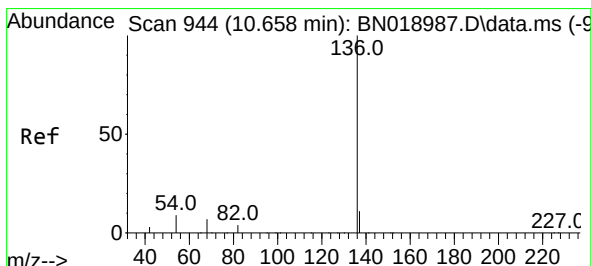
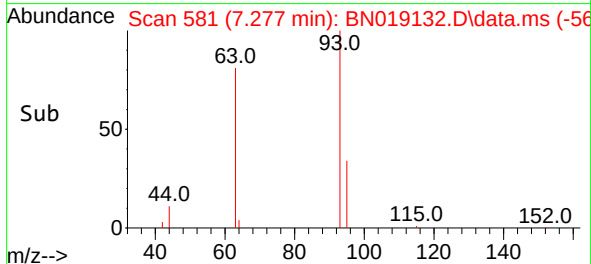
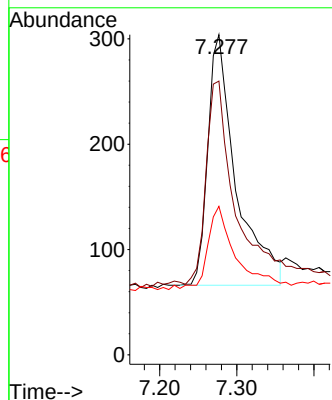
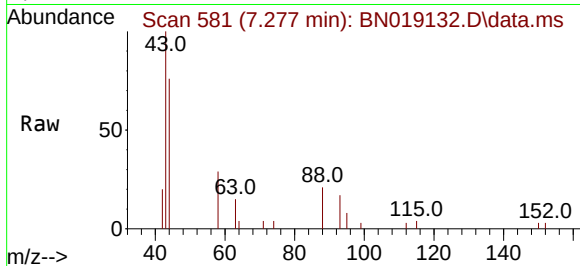




#6
bis(2-Chloroethyl)ether
Concen: 0.052 ng
RT: 7.277 min Scan# 581
Delta R.T. 0.007 min
Lab File: BN019132.D
Acq: 24 Mar 2022 18:44

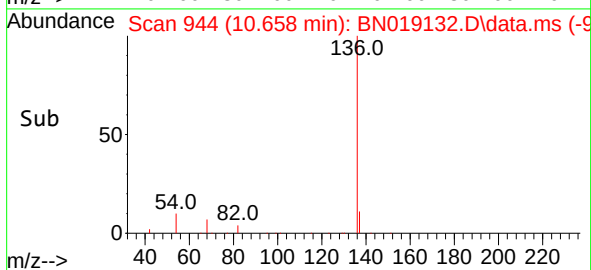
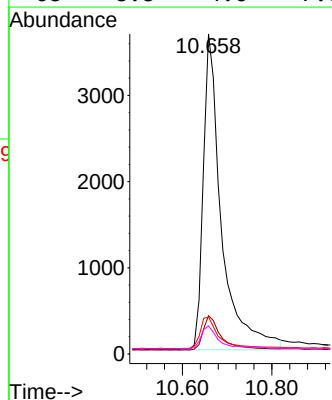
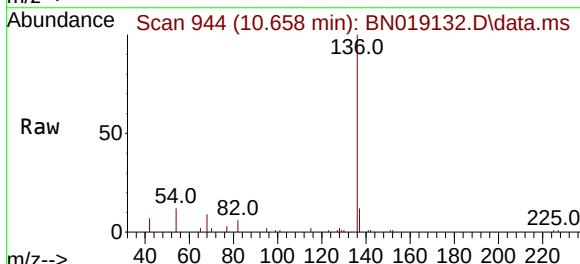
Instrument :
BNA_N
ClientSampleId :
RE104D2-20220321

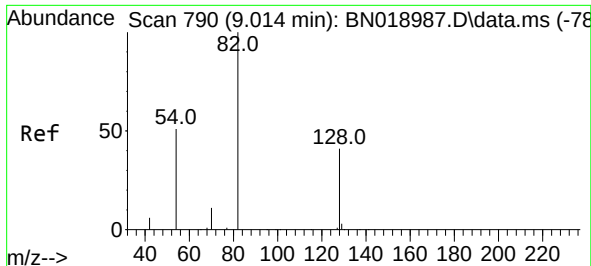
Tgt Ion: 93 Resp: 605
Ion Ratio Lower Upper
93 100
63 96.7 62.8 94.2#
95 34.2 26.2 39.4



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.658 min Scan# 944
Delta R.T. 0.000 min
Lab File: BN019132.D
Acq: 24 Mar 2022 18:44

Tgt Ion: 136 Resp: 10396
Ion Ratio Lower Upper
136 100
137 12.0 9.0 13.4
54 11.5 5.8 8.6#
68 8.8 4.6 7.0#

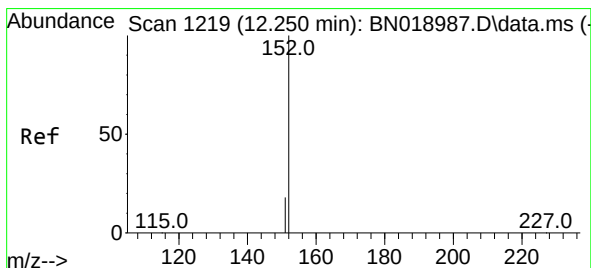
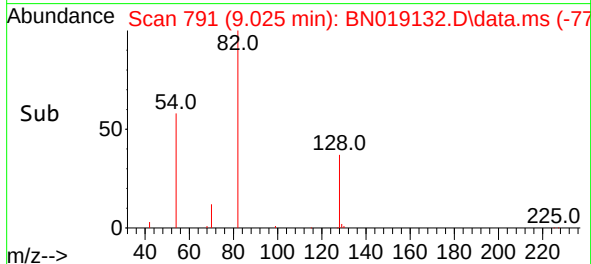
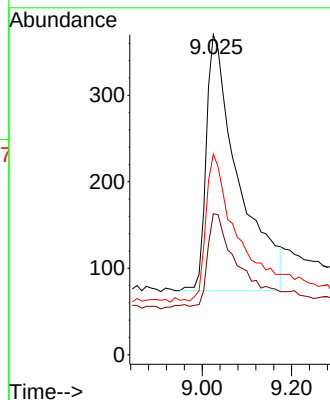
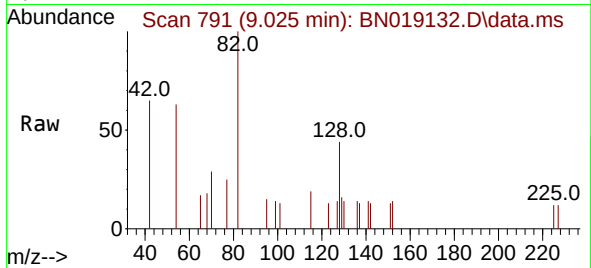




#8
 Nitrobenzene-d5
 Concen: 0.196 ng
 RT: 9.025 min Scan# 791
 Delta R.T. 0.011 min
 Lab File: BN019132.D
 Acq: 24 Mar 2022 18:44

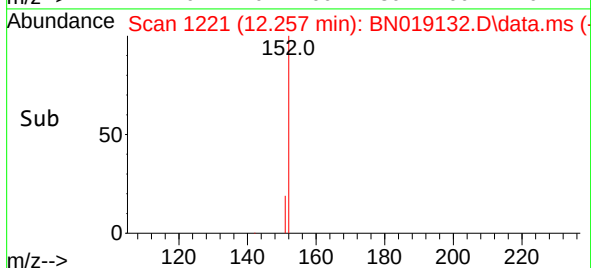
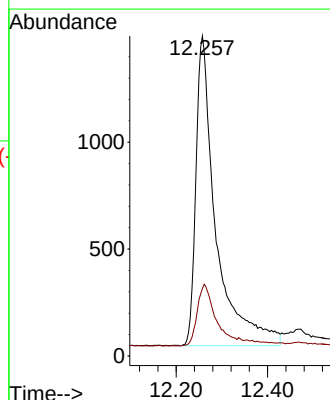
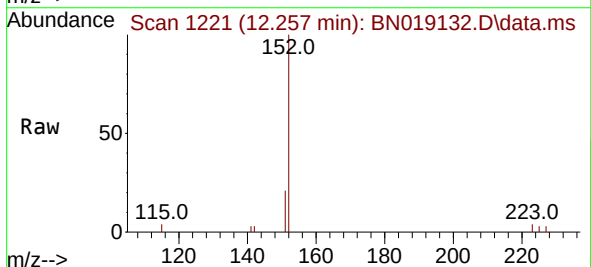
Instrument :
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 RE104D2-20220321

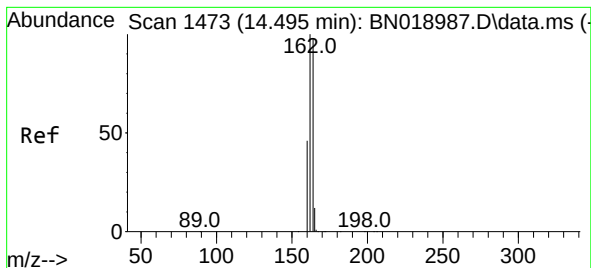
Tgt Ion: 82 Resp: 1472
 Ion Ratio Lower Upper
 82 100
 128 44.1 33.0 49.6
 54 62.7 42.5 63.7



#11
 2-Methylnaphthalene-d10
 Concen: 0.255 ng
 RT: 12.257 min Scan# 1221
 Delta R.T. 0.008 min
 Lab File: BN019132.D
 Acq: 24 Mar 2022 18:44

Tgt Ion: 152 Resp: 4390
 Ion Ratio Lower Upper
 152 100
 151 18.4 16.5 24.7





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.485 min Scan# 14

Delta R.T. -0.011 min

Lab File: BN019132.D

Acq: 24 Mar 2022 18:44

Instrument :

BNA_N

ClientSampleId :

RE104D2-20220321

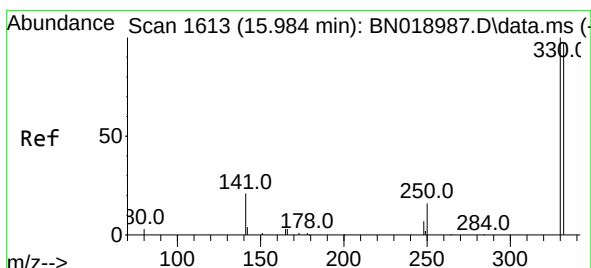
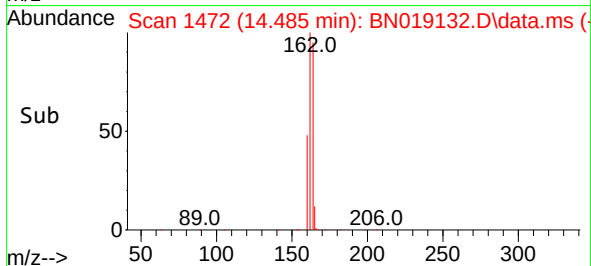
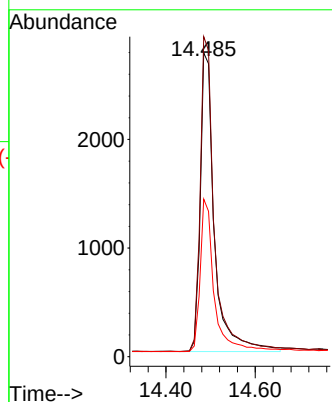
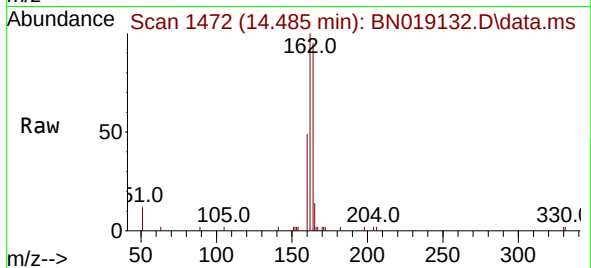
Tgt Ion:164 Resp: 6086

Ion Ratio Lower Upper

164 100

162 105.3 85.2 127.8

160 51.9 41.5 62.3



#14

2,4,6-Tribromophenol

Concen: 0.099 ng

RT: 15.995 min Scan# 1614

Delta R.T. 0.010 min

Lab File: BN019132.D

Acq: 24 Mar 2022 18:44

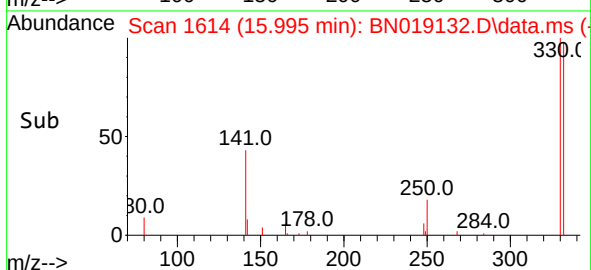
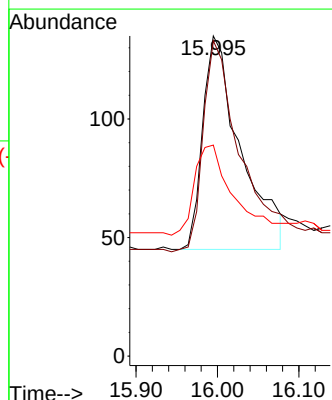
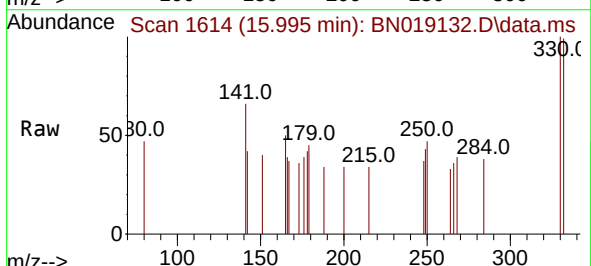
Tgt Ion:330 Resp: 292

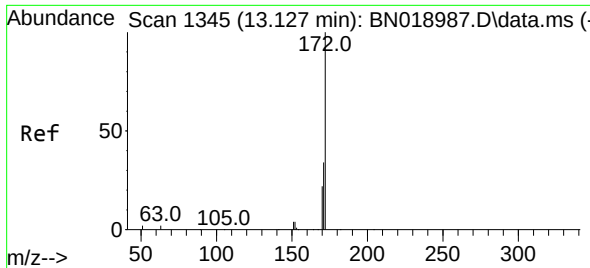
Ion Ratio Lower Upper

330 100

332 97.6 76.8 115.2

141 42.5 32.2 48.2

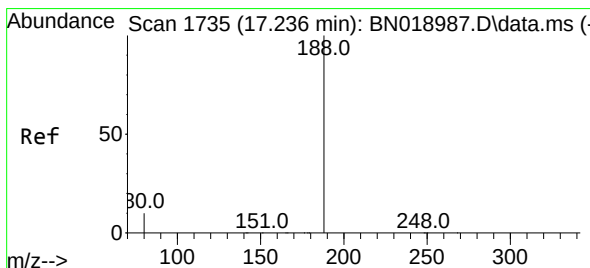
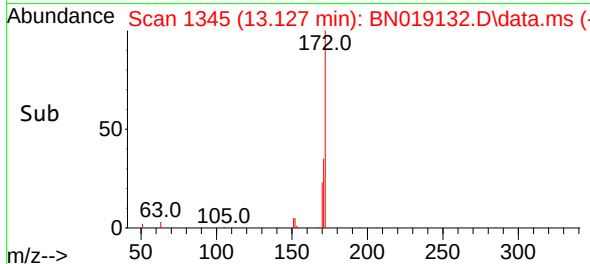
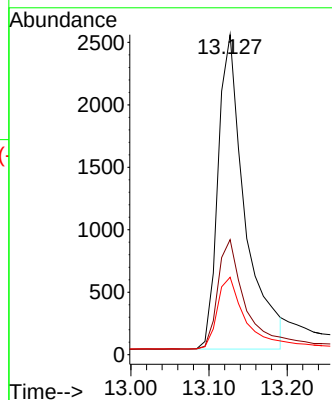
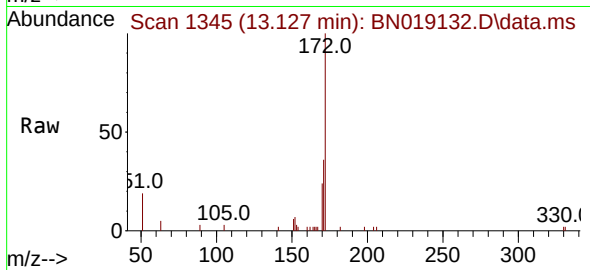




#15
2-Fluorobiphenyl
Concen: 0.246 ng
RT: 13.127 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN019132.D
Acq: 24 Mar 2022 18:44

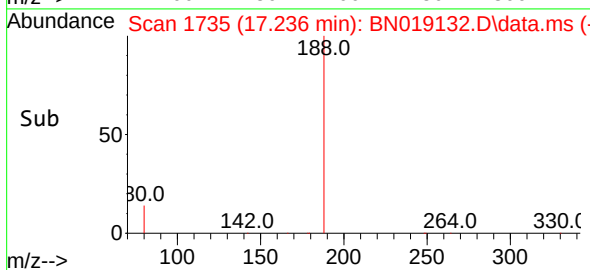
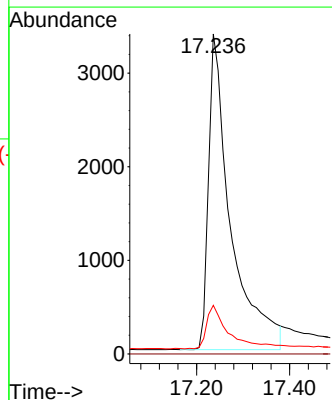
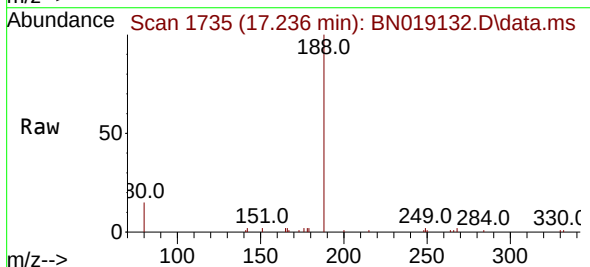
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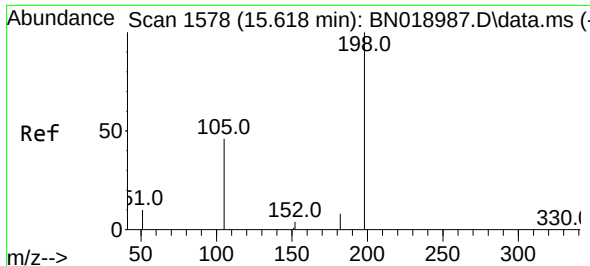
Tgt Ion:172 Resp: 5993
Ion Ratio Lower Upper
172 100
171 35.9 28.2 42.2
170 24.2 18.7 28.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.236 min Scan# 1735
Delta R.T. -0.000 min
Lab File: BN019132.D
Acq: 24 Mar 2022 18:44

Tgt Ion:188 Resp: 11119
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.2 11.8 17.8

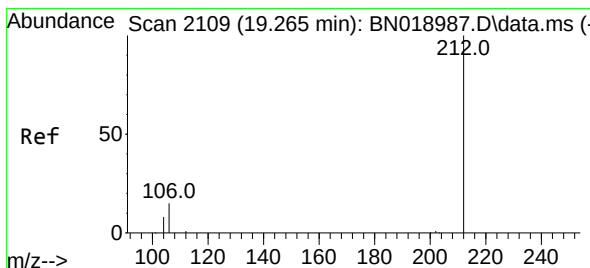
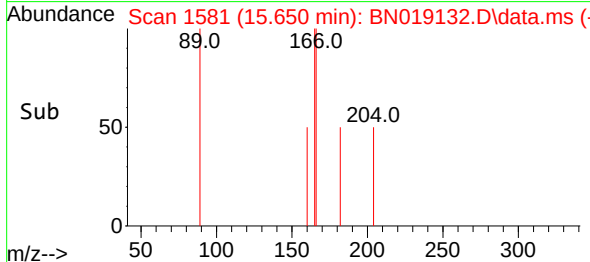
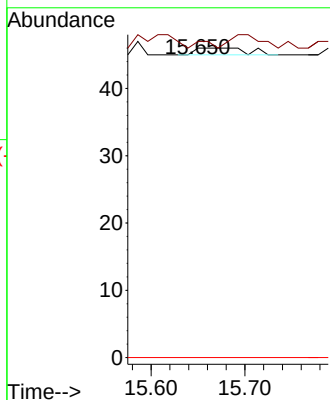
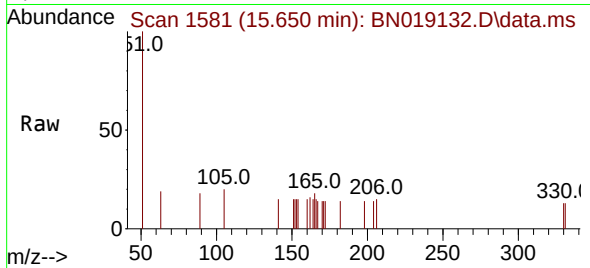




#20
4,6-Dinitro-2-methylphenol
Concen: 0.111 ng
RT: 15.650 min Scan# 11
Delta R.T. 0.032 min
Lab File: BN019132.D
Acq: 24 Mar 2022 18:44

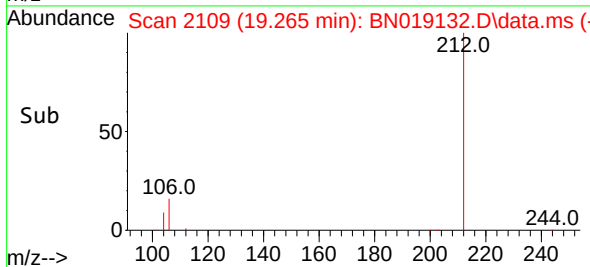
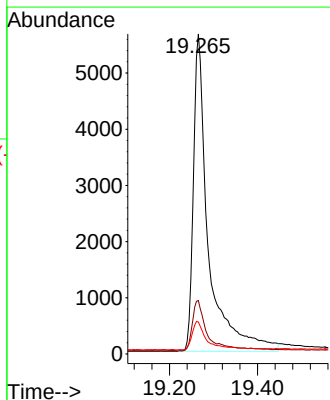
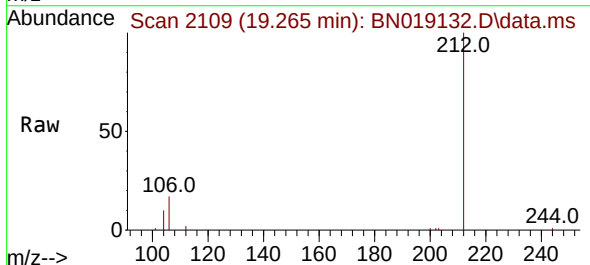
Instrument :
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RE104D2-20220321

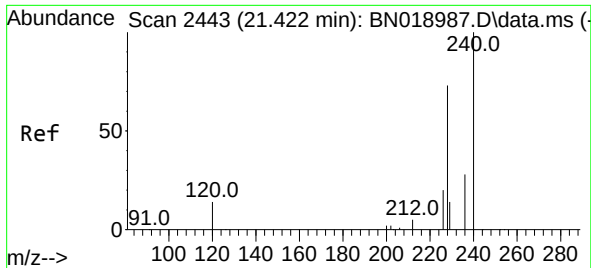
Tgt Ion:198 Resp: 4
Ion Ratio Lower Upper
198 100
182 102.2 13.0 19.4#
77 0.0 0.0 0.0



#27
Fluoranthene-d10
Concen: 0.405 ng
RT: 19.265 min Scan# 2109
Delta R.T. 0.000 min
Lab File: BN019132.D
Acq: 24 Mar 2022 18:44

Tgt Ion:212 Resp: 13368
Ion Ratio Lower Upper
212 100
106 15.5 12.7 19.1
104 9.0 7.1 10.7

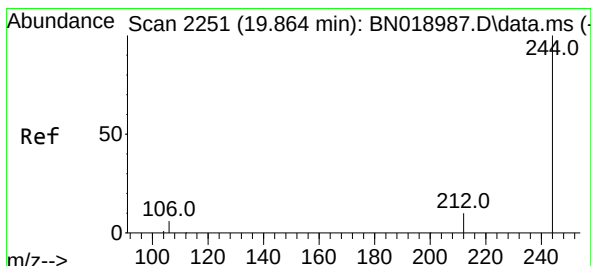
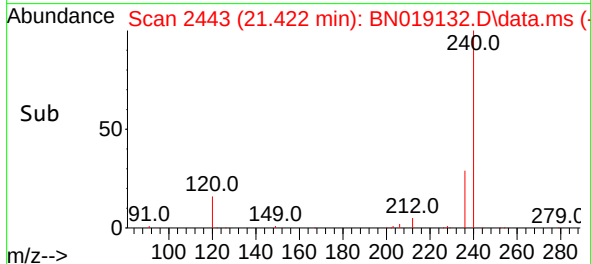
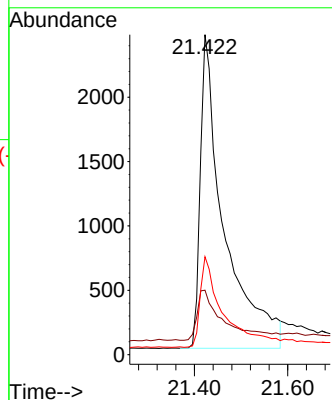
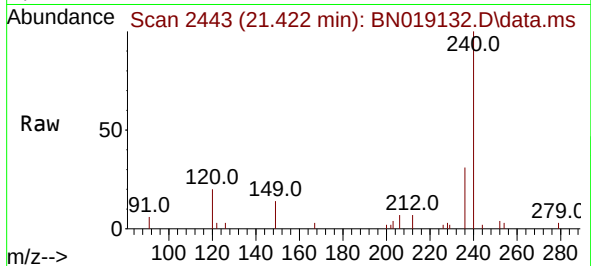




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.422 min Scan# 2443
Delta R.T. 0.000 min
Lab File: BN019132.D
Acq: 24 Mar 2022 18:44

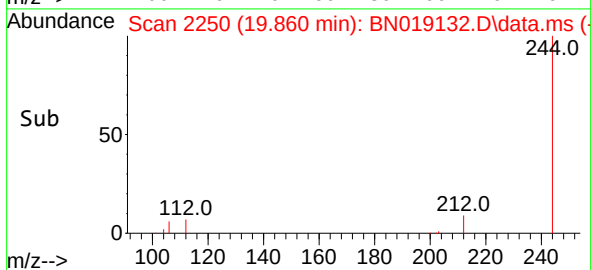
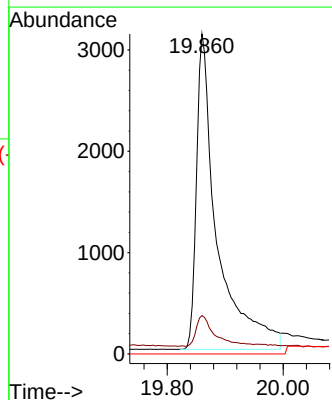
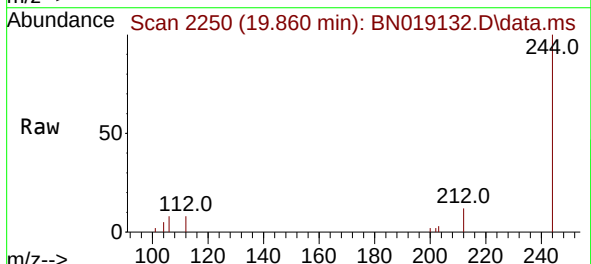
Instrument :
BNA_N
ClientSampleId :
RE104D2-20220321

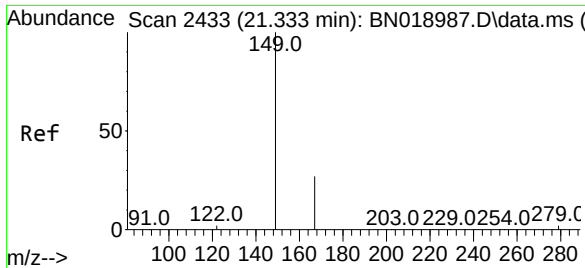
Tgt Ion:240 Resp: 8620
Ion Ratio Lower Upper
240 100
120 20.2 8.5 12.7#
236 30.6 22.4 33.6



#31
Terphenyl-d14
Concen: 0.363 ng
RT: 19.860 min Scan# 2250
Delta R.T. -0.004 min
Lab File: BN019132.D
Acq: 24 Mar 2022 18:44

Tgt Ion:244 Resp: 7675
Ion Ratio Lower Upper
244 100
212 12.0 8.2 12.4
122 0.0 0.0 0.0

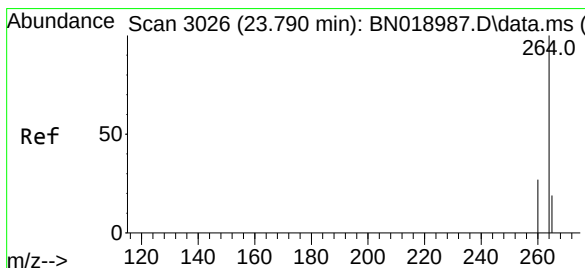
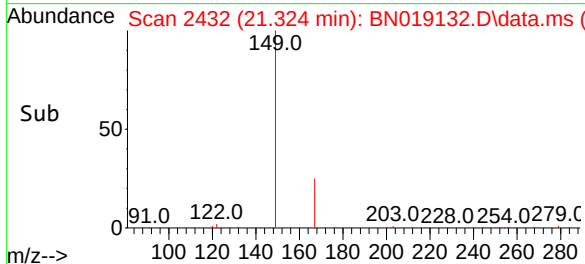
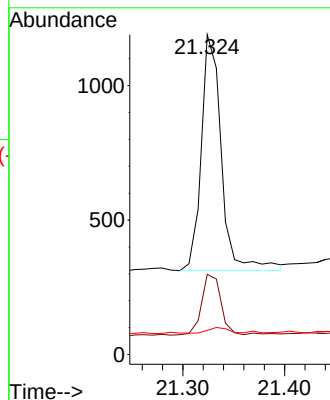
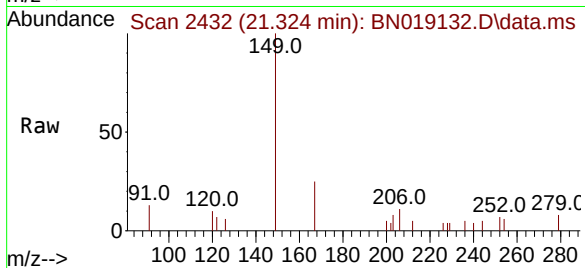




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.068 ng
 RT: 21.324 min Scan# 2432
 Delta R.T. -0.009 min
 Lab File: BN019132.D
 Acq: 24 Mar 2022 18:44

Instrument :
 BNA_N
 ClientSampleId :
 RE104D2-20220321

Tgt Ion:	149	Resp:	1205
Ion Ratio	Lower	Upper	
149	100		
167	24.7	21.8	32.8
279	2.3	2.0	3.0



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.791 min Scan# 3026
 Delta R.T. 0.000 min
 Lab File: BN019132.D
 Acq: 24 Mar 2022 18:44

Tgt Ion:	264	Resp:	6776
Ion Ratio	Lower	Upper	
264	100		
260	28.5	22.4	33.6
265	52.7	25.3	37.9

