

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032122\
 Data File : BN019050.D
 Acq On : 22 Mar 2022 08:52
 Operator : CG/JU
 Sample : N2000-19
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE-105D1-20220316

Quant Time: Mar 22 09:19:38 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)

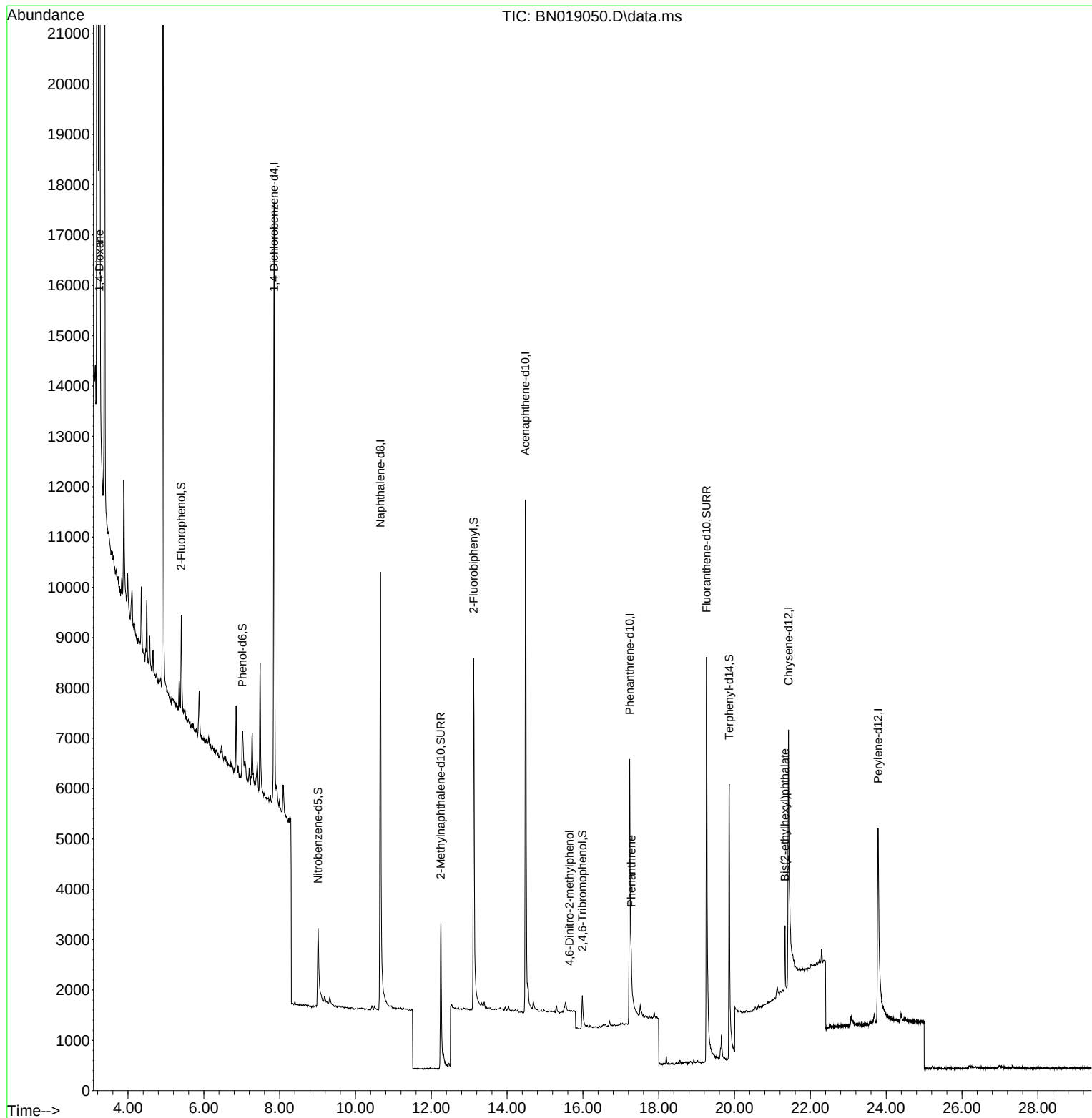
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	5964	0.400	ng	0.00
7) Naphthalene-d8	10.658	136	14242	0.400	ng	# 0.00
13) Acenaphthene-d10	14.484	164	7300	0.400	ng	-0.01
19) Phenanthrene-d10	17.236	188	12000	0.400	ng	0.00
29) Chrysene-d12	21.422	240	9601	0.400	ng	# 0.00
35) Perylene-d12	23.787	264	8844	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.406	112	1646	0.123	ng	0.00
5) Phenol-d6	7.017	99	802	0.057	ng	0.00
8) Nitrobenzene-d5	9.014	82	2317	0.226	ng	0.00
11) 2-Methylnaphthalene-d10	12.250	152	5379	0.228	ng	0.00
14) 2,4,6-Tribromophenol	15.984	330	574	0.163	ng	0.00
15) 2-Fluorobiphenyl	13.116	172	7772	0.266	ng	-0.01
27) Fluoranthene-d10	19.261	212	12445	0.349	ng	0.00
31) Terphenyl-d14	19.860	244	9181	0.389	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.247	88	26802	3.636	ng	Qvalue 97
20) 4,6-Dinitro-2-methylph...	15.650	198	2	0.110	ng	# 1
25) Phenanthrene	17.277	178	918	0.024	ng	# 96
34) Bis(2-ethylhexyl)phtha...	21.333	149	1329	0.068	ng	# 96

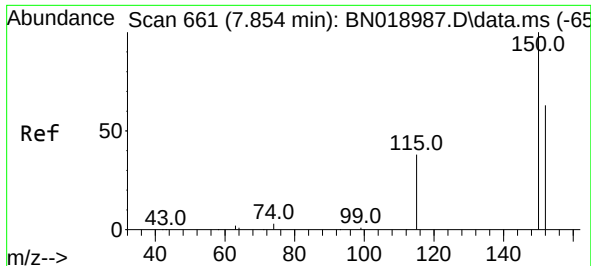
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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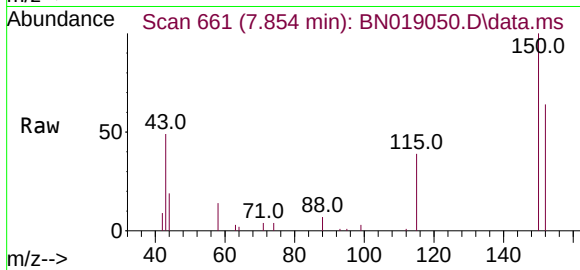
Quant Time: Mar 22 09:19:38 2022
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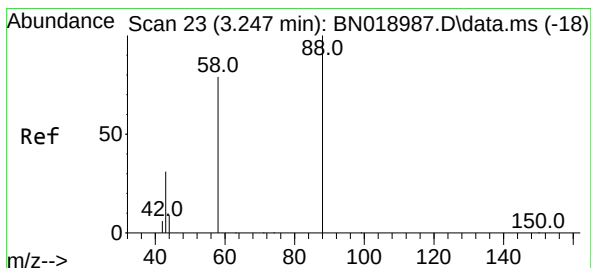
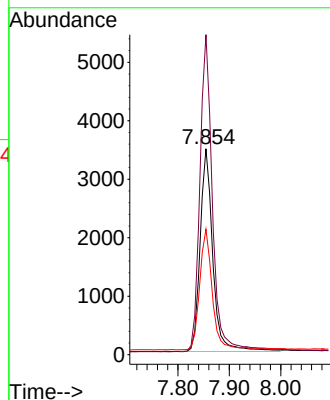
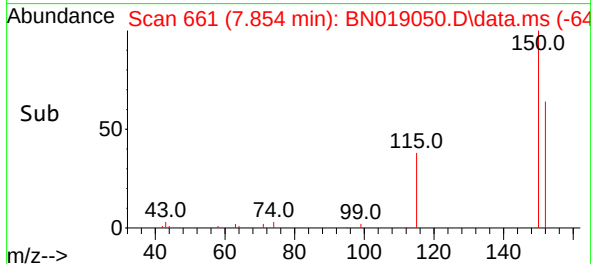
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.854 min Scan# 661
 Delta R.T. 0.000 min
 Lab File: BN019050.D
 Acq: 22 Mar 2022 08:52

Instrument :
 BNA_N
 ClientSampleId :
 RE-105D1-20220316

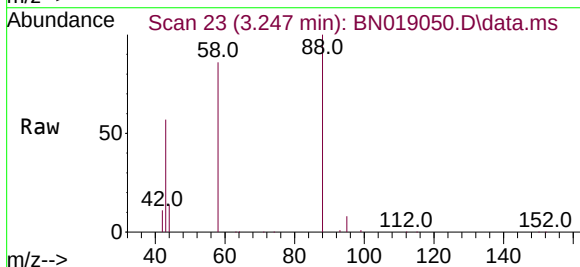


Tgt Ion:152 Resp: 5964

Ion	Ratio	Lower	Upper
152	100		
150	155.4	123.9	185.9
115	60.9	48.2	72.4

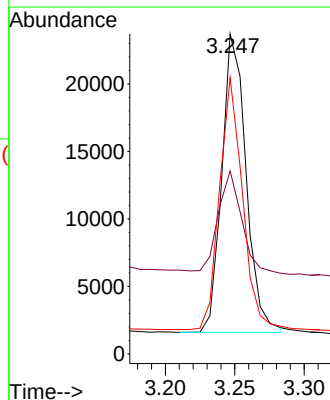
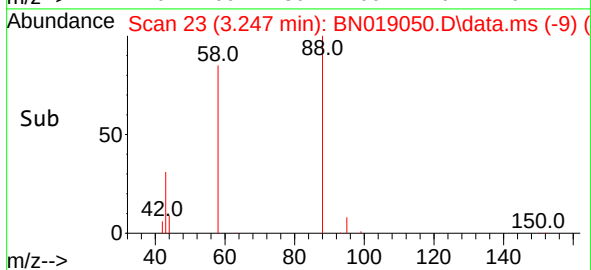


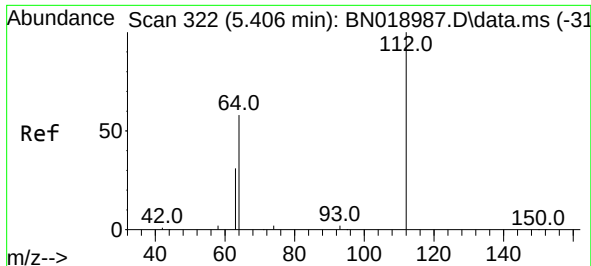
#2
 1,4-Dioxane
 Concen: 3.636 ng
 RT: 3.247 min Scan# 23
 Delta R.T. -0.000 min
 Lab File: BN019050.D
 Acq: 22 Mar 2022 08:52



Tgt Ion: 88 Resp: 26802

Ion	Ratio	Lower	Upper
88	100		
43	33.3	24.6	37.0
58	79.8	65.4	98.2

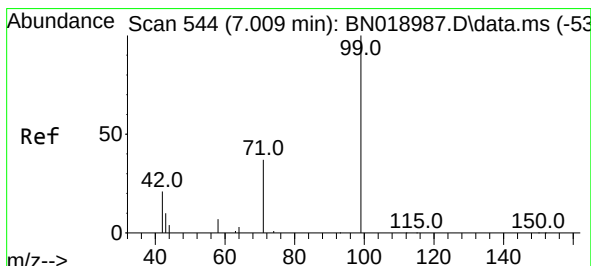
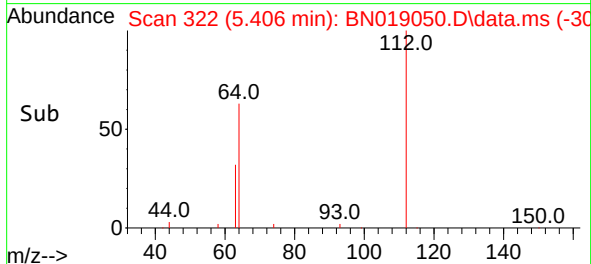
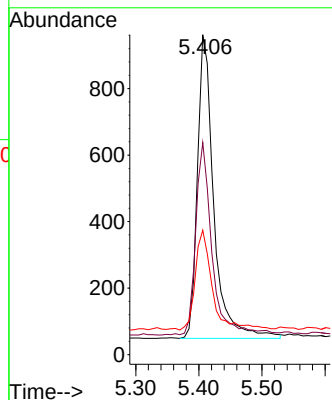
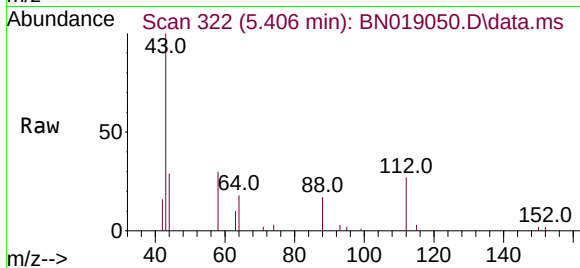




#4
2-Fluorophenol
Concen: 0.123 ng
RT: 5.406 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN019050.D
Acq: 22 Mar 2022 08:52

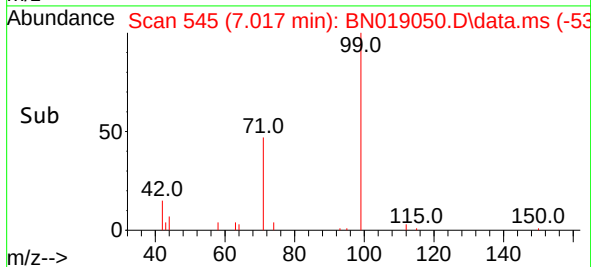
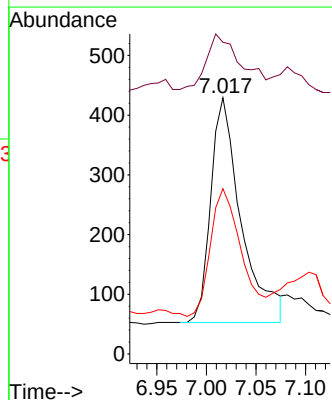
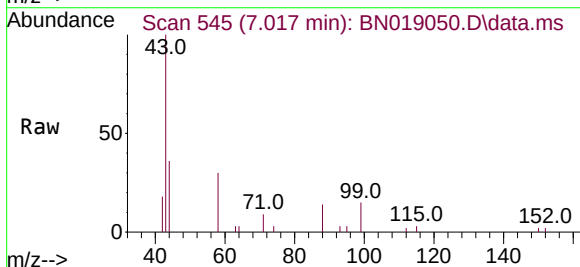
Instrument :
BNA_N
ClientSampleId :
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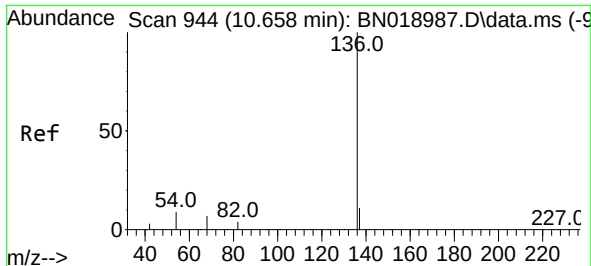
Tgt Ion:112 Resp: 1646
Ion Ratio Lower Upper
112 100
64 63.3 47.8 71.8
63 33.4 25.7 38.5



#5
Phenol-d6
Concen: 0.057 ng
RT: 7.017 min Scan# 545
Delta R.T. 0.007 min
Lab File: BN019050.D
Acq: 22 Mar 2022 08:52

Tgt Ion: 99 Resp: 802
Ion Ratio Lower Upper
99 100
42 27.6 16.2 24.4#
71 57.5 27.7 41.5#

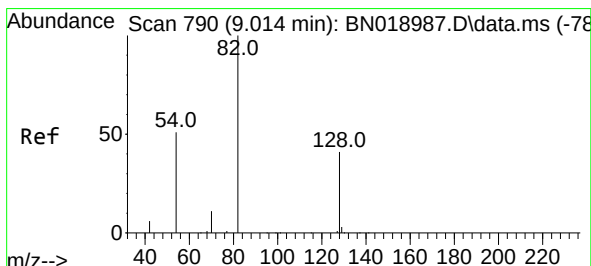
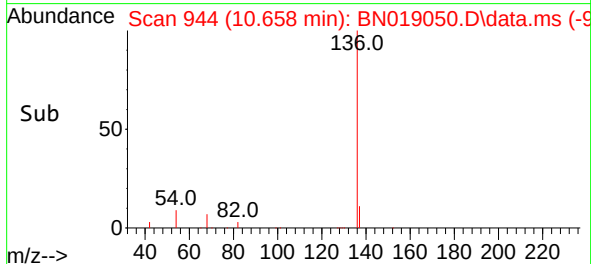
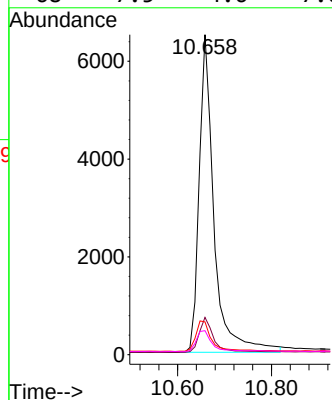
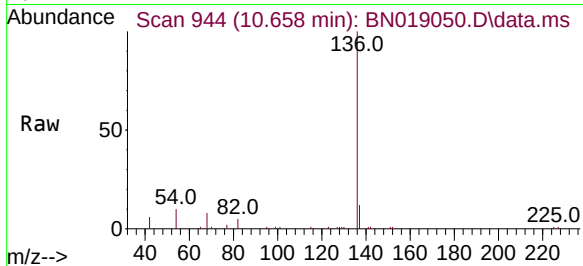




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.658 min Scan# 944
Delta R.T. -0.000 min
Lab File: BN019050.D
Acq: 22 Mar 2022 08:52

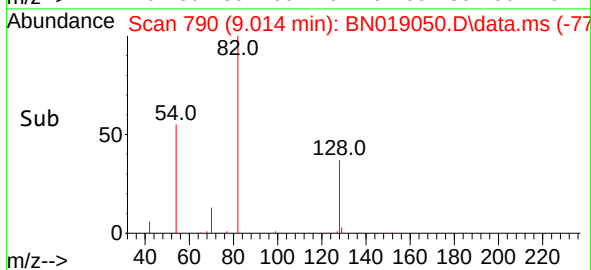
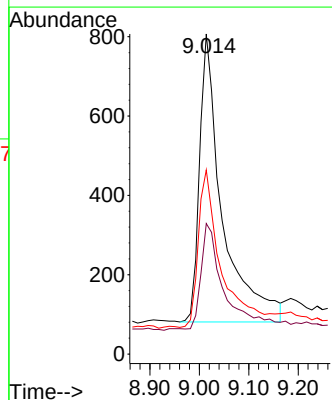
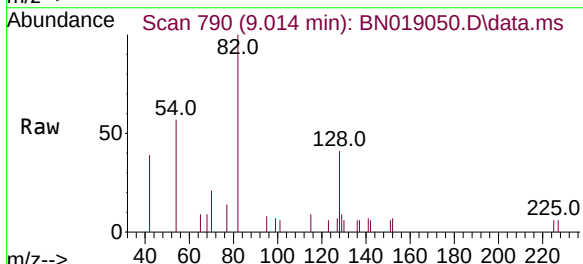
Instrument :
BNA_N
ClientSampleId :
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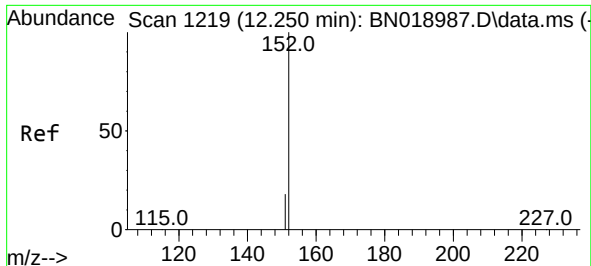
Tgt Ion:	136	Resp:	14242
Ion Ratio	Lower	Upper	
136	100		
137	11.6	9.0	13.4
54	10.3	5.8	8.6#
68	7.5	4.6	7.0#



#8
Nitrobenzene-d5
Concen: 0.226 ng
RT: 9.014 min Scan# 790
Delta R.T. -0.000 min
Lab File: BN019050.D
Acq: 22 Mar 2022 08:52

Tgt Ion:	82	Resp:	2317
Ion Ratio	Lower	Upper	
82	100		
128	40.8	33.0	49.6
54	57.5	42.5	63.7

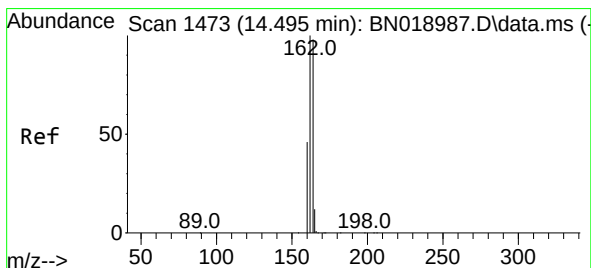
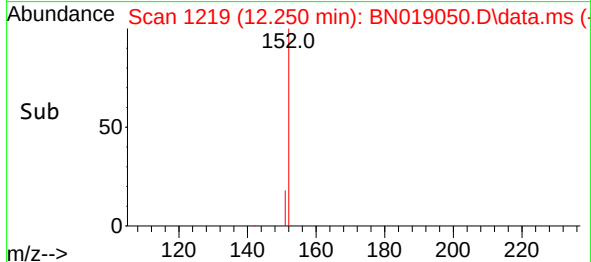
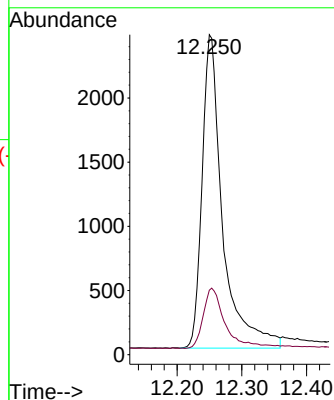
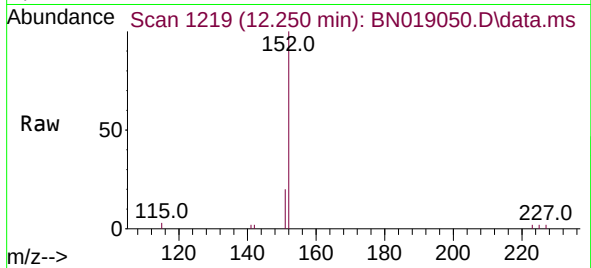




#11
2-Methylnaphthalene-d10
Concen: 0.228 ng
RT: 12.250 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN019050.D
Acq: 22 Mar 2022 08:52

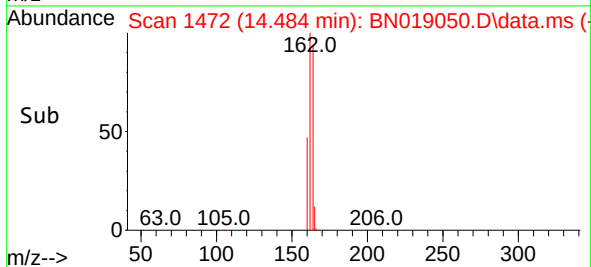
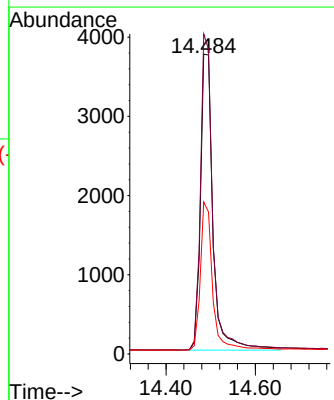
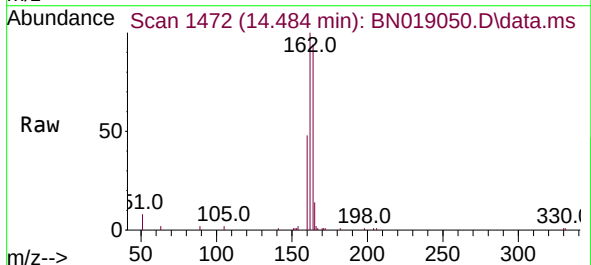
Instrument :
BNA_N
ClientSampleId :
RE-105D1-20220316

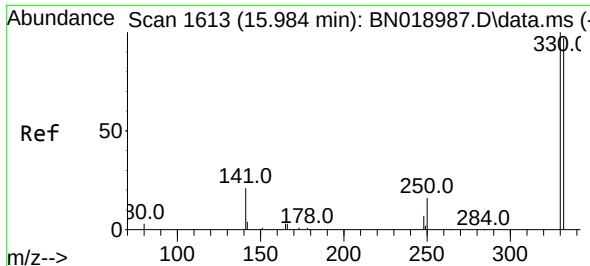
Tgt Ion:152 Resp: 5379
Ion Ratio Lower Upper
152 100
151 21.8 16.5 24.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.484 min Scan# 1472
Delta R.T. -0.011 min
Lab File: BN019050.D
Acq: 22 Mar 2022 08:52

Tgt Ion:164 Resp: 7300
Ion Ratio Lower Upper
164 100
162 106.7 85.2 127.8
160 50.7 41.5 62.3

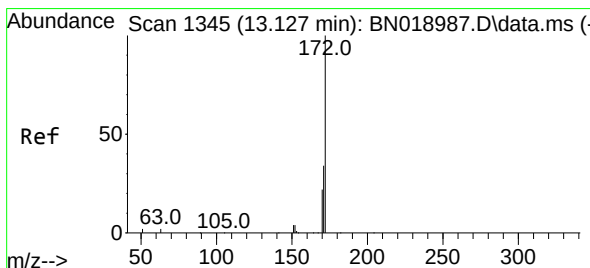
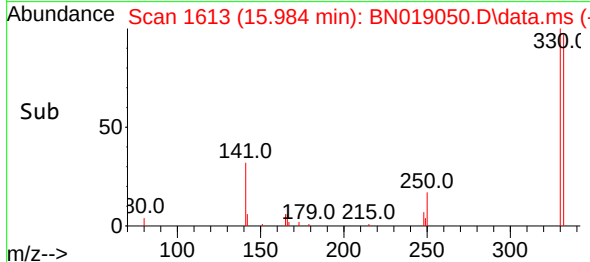
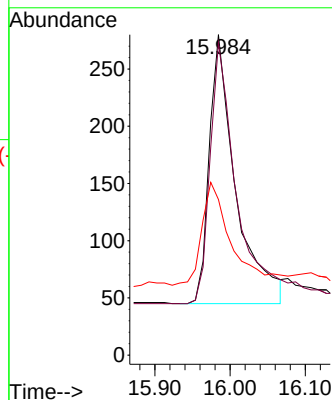
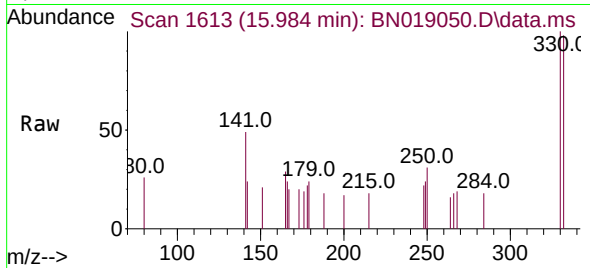




#14
2,4,6-Tribromophenol
Concen: 0.163 ng
RT: 15.984 min Scan# 1613
Delta R.T. -0.000 min
Lab File: BN019050.D
Acq: 22 Mar 2022 08:52

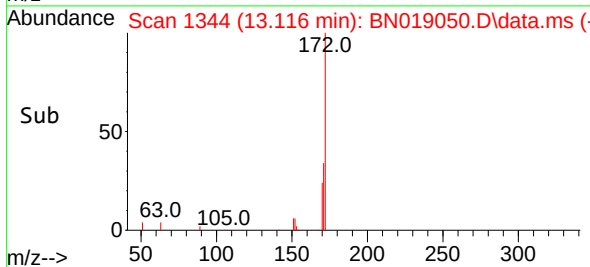
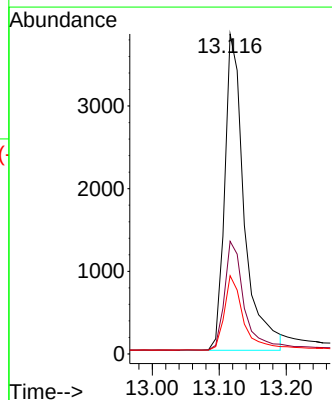
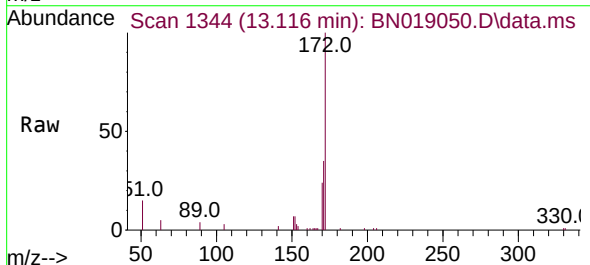
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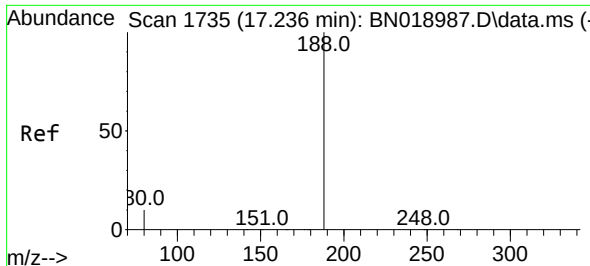
Tgt Ion:330 Resp: 574
Ion Ratio Lower Upper
330 100
332 99.1 76.8 115.2
141 43.6 32.2 48.2



#15
2-Fluorobiphenyl
Concen: 0.266 ng
RT: 13.116 min Scan# 1344
Delta R.T. -0.011 min
Lab File: BN019050.D
Acq: 22 Mar 2022 08:52

Tgt Ion:172 Resp: 7772
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.2
170 24.5 18.7 28.1

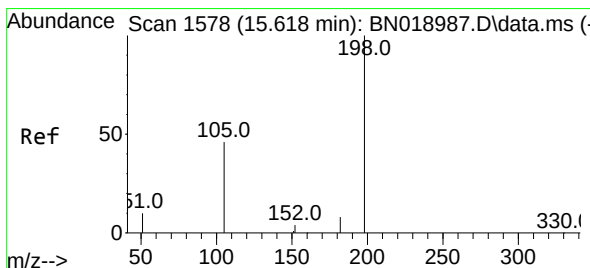
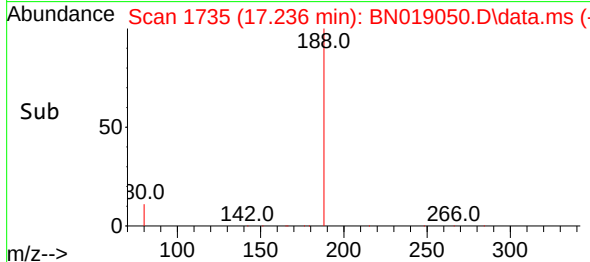
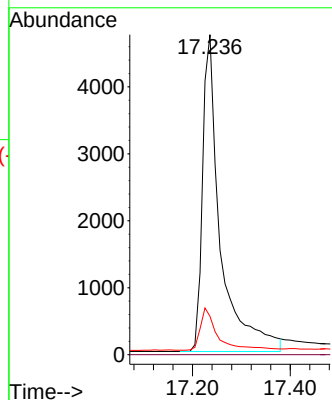
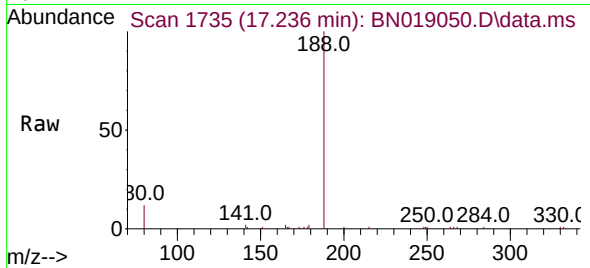




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.236 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN019050.D
Acq: 22 Mar 2022 08:52

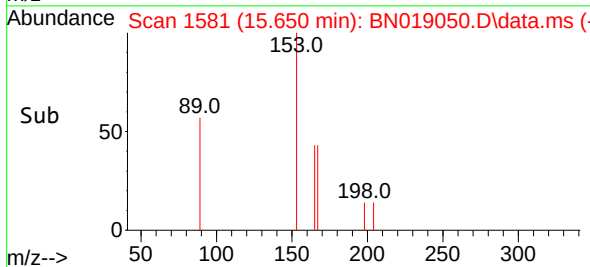
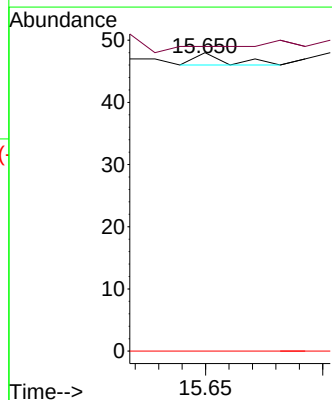
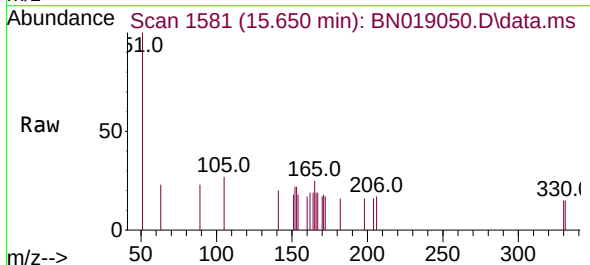
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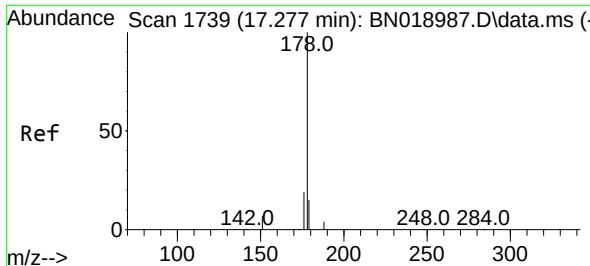
Tgt Ion:188 Resp: 12000
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.0 11.8 17.8



#20
4,6-Dinitro-2-methylphenol
Concen: 0.110 ng
RT: 15.650 min Scan# 1581
Delta R.T. 0.032 min
Lab File: BN019050.D
Acq: 22 Mar 2022 08:52

Tgt Ion:198 Resp: 2
Ion Ratio Lower Upper
198 100
182 102.1 13.0 19.4#
77 0.0 0.0 0.0

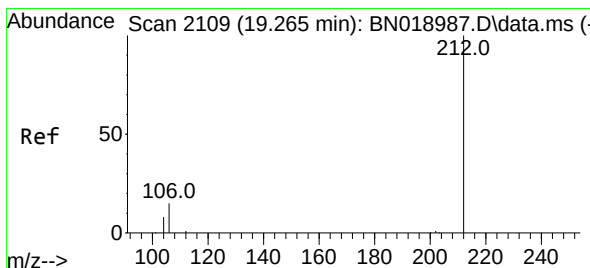
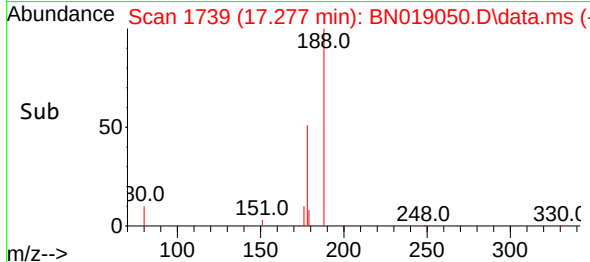
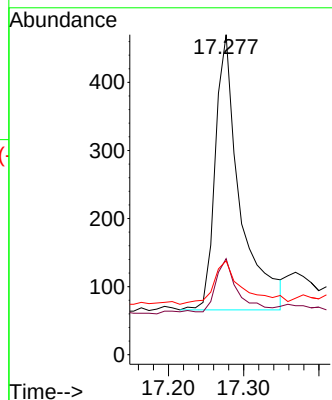
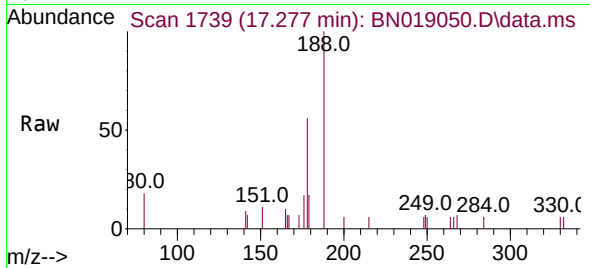




#25
Phenanthrene
Concen: 0.024 ng
RT: 17.277 min Scan# 1739
Delta R.T. -0.000 min
Lab File: BN019050.D
Acq: 22 Mar 2022 08:52

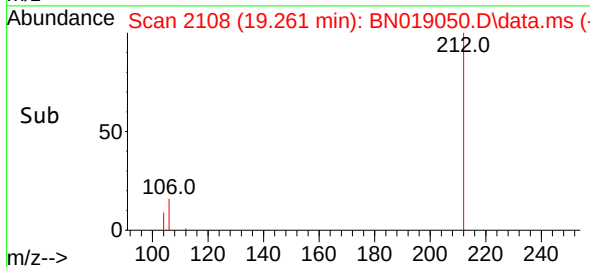
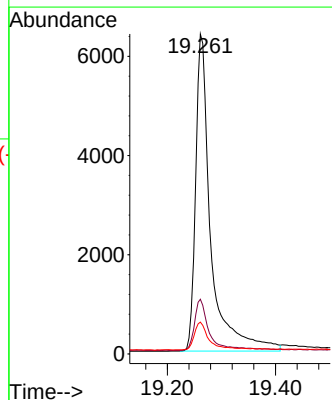
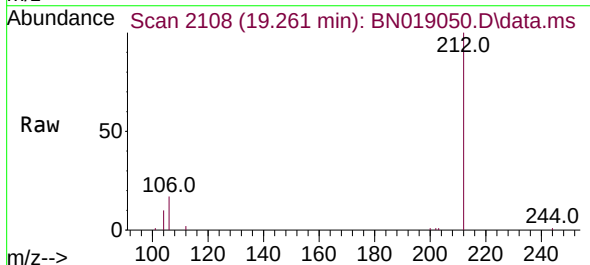
Instrument :
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RE-105D1-20220316

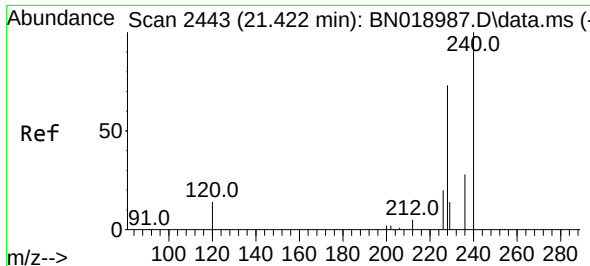
Tgt Ion:178 Resp: 918
Ion Ratio Lower Upper
178 100
176 18.5 15.4 23.0
179 18.6 12.2 18.2#



#27
Fluoranthene-d10
Concen: 0.349 ng
RT: 19.261 min Scan# 2108
Delta R.T. -0.004 min
Lab File: BN019050.D
Acq: 22 Mar 2022 08:52

Tgt Ion:212 Resp: 12445
Ion Ratio Lower Upper
212 100
106 15.9 12.7 19.1
104 8.5 7.1 10.7

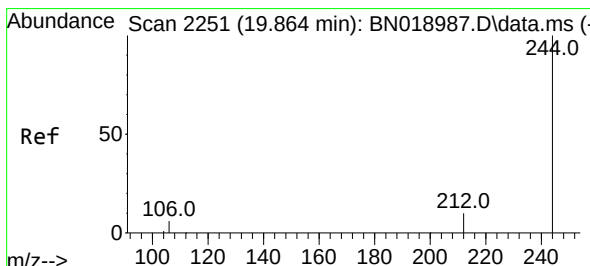
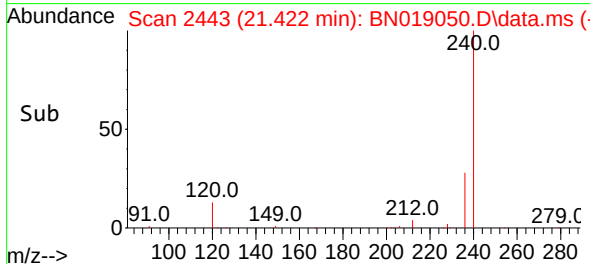
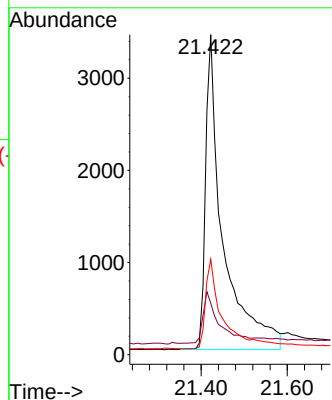
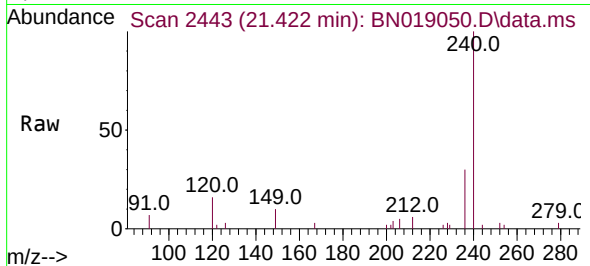




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.422 min Scan# 2443
Delta R.T. -0.000 min
Lab File: BN019050.D
Acq: 22 Mar 2022 08:52

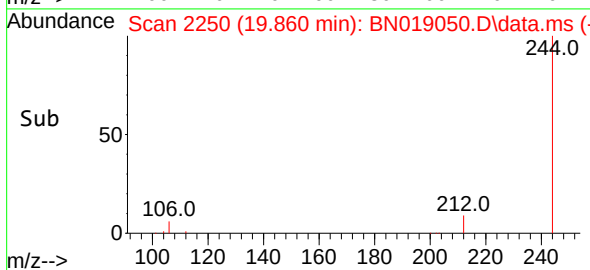
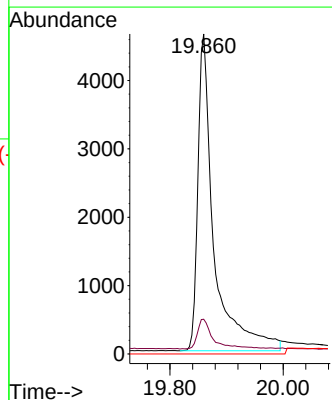
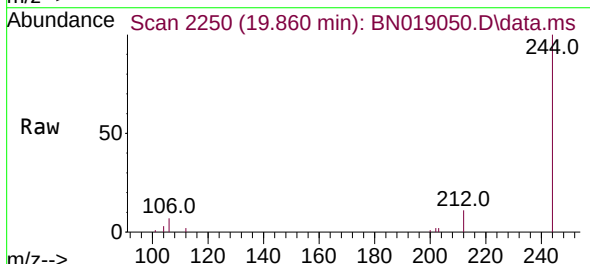
Instrument :
BNA_N
ClientSampleId :
RE-105D1-20220316

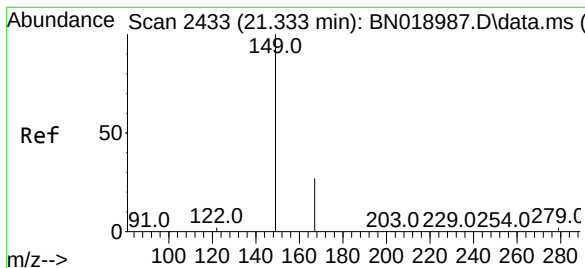
Tgt Ion:240 Resp: 9601
Ion Ratio Lower Upper
240 100
120 16.1 8.5 12.7#
236 29.8 22.4 33.6



#31
Terphenyl-d14
Concen: 0.389 ng
RT: 19.860 min Scan# 2250
Delta R.T. -0.004 min
Lab File: BN019050.D
Acq: 22 Mar 2022 08:52

Tgt Ion:244 Resp: 9181
Ion Ratio Lower Upper
244 100
212 10.9 8.2 12.4
122 0.0 0.0 0.0

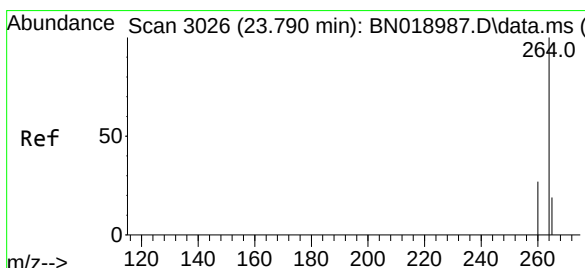
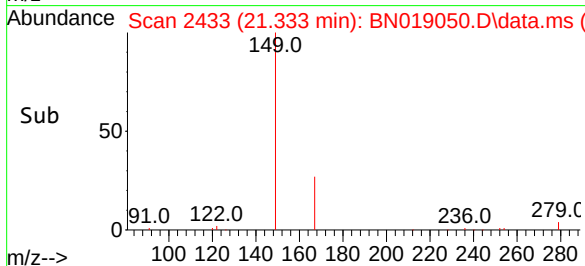
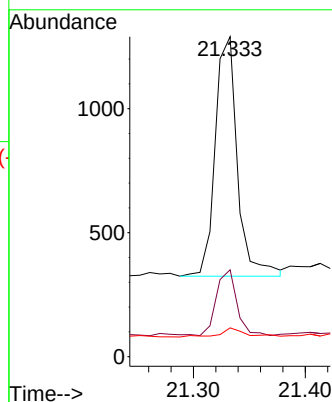
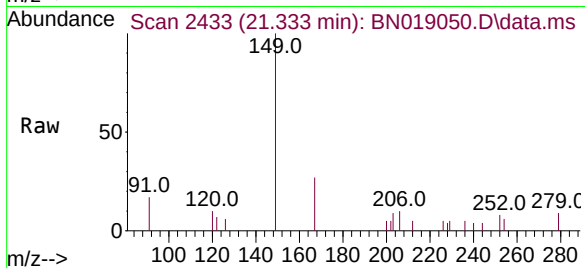




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.068 ng
 RT: 21.333 min Scan# 2433
 Delta R.T. -0.000 min
 Lab File: BN019050.D
 Acq: 22 Mar 2022 08:52

Instrument :
 BNA_N
 ClientSampleId :
 RE-105D1-20220316

Tgt Ion:149 Resp: 1329
 Ion Ratio Lower Upper
 149 100
 167 25.5 21.8 32.8
 279 4.4 2.0 3.0#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.787 min Scan# 3025
 Delta R.T. -0.003 min
 Lab File: BN019050.D
 Acq: 22 Mar 2022 08:52

Tgt Ion:264 Resp: 8844
 Ion Ratio Lower Upper
 264 100
 260 27.9 22.4 33.6
 265 41.5 25.3 37.9#

