

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032122\
 Data File : BN019042.D
 Acq On : 22 Mar 2022 04:06
 Operator : CG/JU
 Sample : N2000-20
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE-105D2-20220316

Quant Time: Mar 22 05:19:42 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)

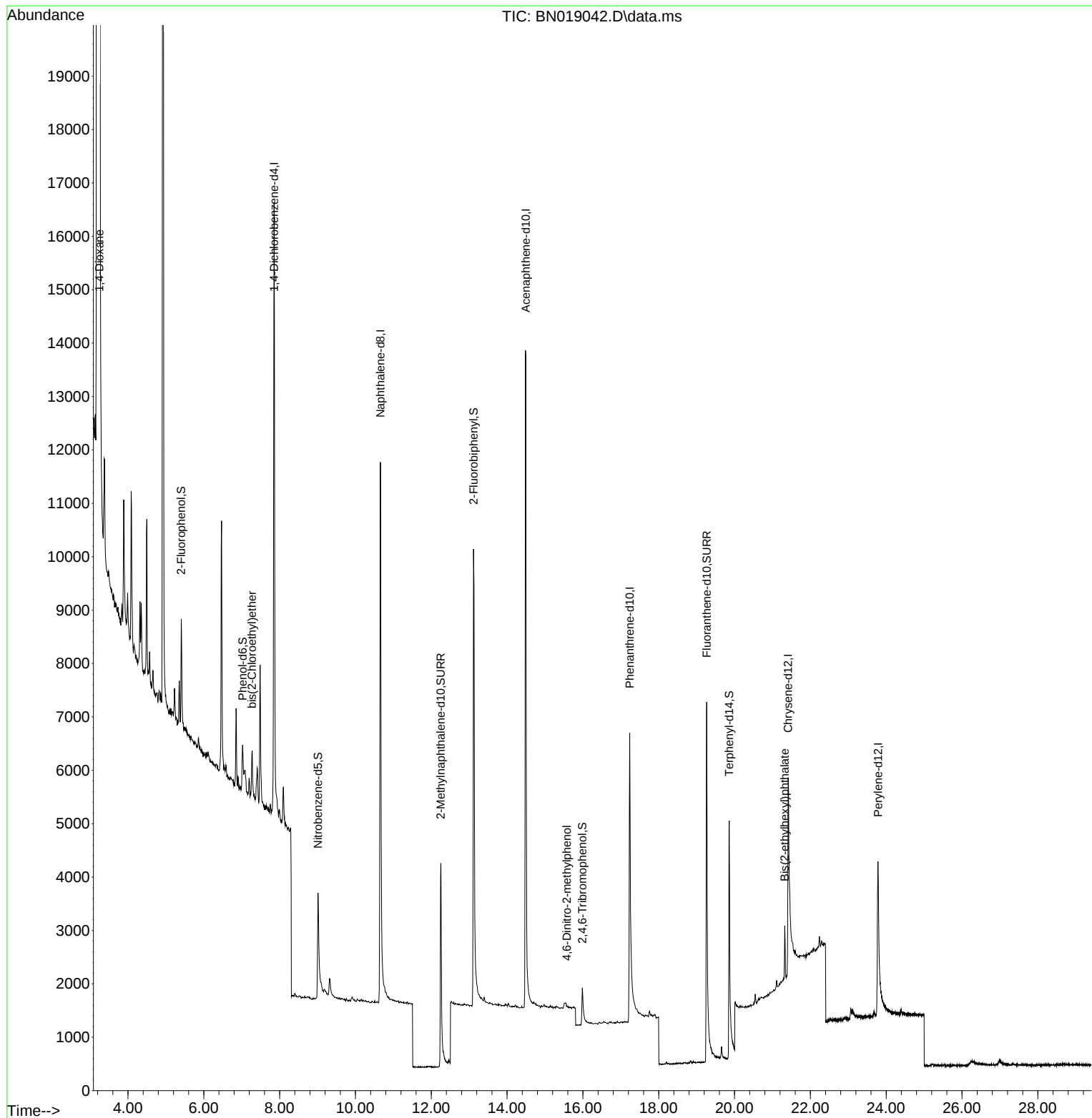
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	6083	0.400	ng	0.00
7) Naphthalene-d8	10.658	136	16468	0.400	ng	# 0.00
13) Acenaphthene-d10	14.495	164	9110	0.400	ng	0.00
19) Phenanthrene-d10	17.235	188	12946	0.400	ng	0.00
29) Chrysene-d12	21.413	240	7896	0.400	ng	# 0.00
35) Perylene-d12	23.784	264	6900	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.406	112	1813	0.133	ng	0.00
5) Phenol-d6	7.024	99	832	0.058	ng	0.01
8) Nitrobenzene-d5	9.014	82	2907	0.245	ng	0.00
11) 2-Methylnaphthalene-d10	12.249	152	7193	0.263	ng	0.00
14) 2,4,6-Tribromophenol	15.984	330	680	0.155	ng	0.00
15) 2-Fluorobiphenyl	13.116	172	10219	0.280	ng	-0.01
27) Fluoranthene-d10	19.265	212	11449	0.298	ng	0.00
31) Terphenyl-d14	19.859	244	8299	0.428	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.246	88	33977	4.519	ng	# 88
6) bis(2-Chloroethyl)ether	7.269	93	824	0.048	ng	96
20) 4,6-Dinitro-2-methylph...	15.575	198	4	0.111	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.324	149	996	0.062	ng	# 98

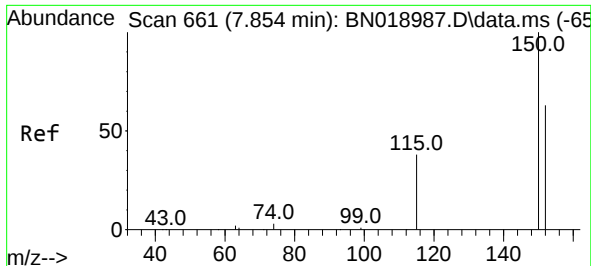
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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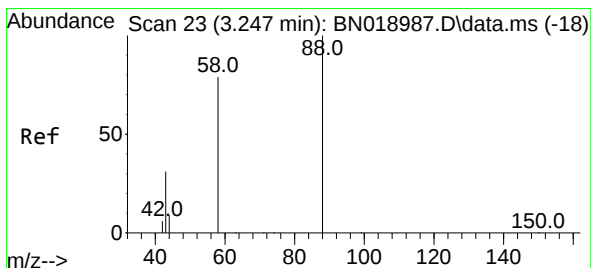
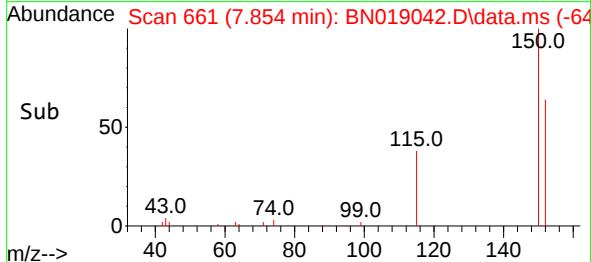
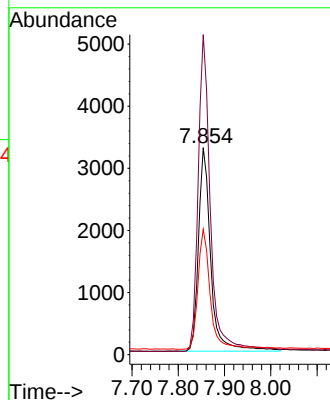
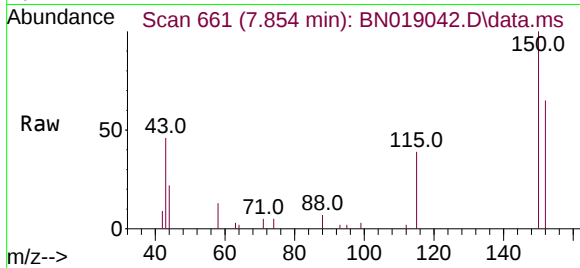




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.854 min Scan# 661
 Delta R.T. 0.000 min
 Lab File: BN019042.D
 Acq: 22 Mar 2022 04:06

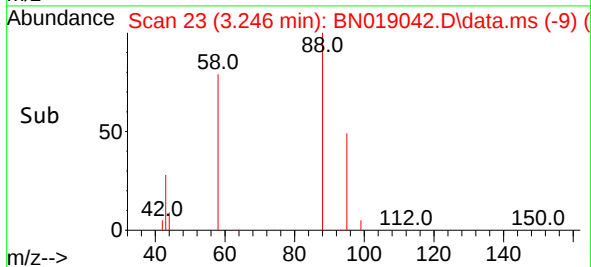
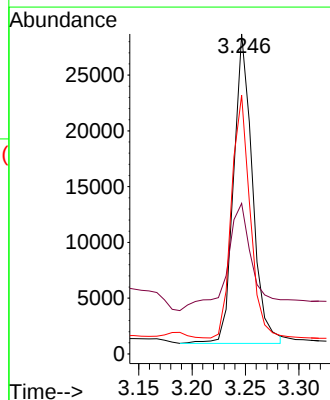
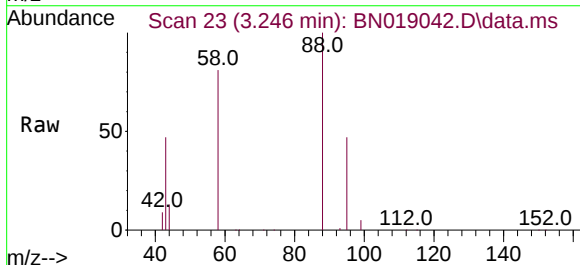
Instrument :
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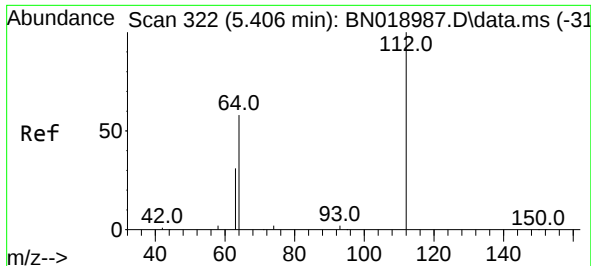
Tgt Ion:152 Resp: 6083
 Ion Ratio Lower Upper
 152 100
 150 154.5 123.9 185.9
 115 60.6 48.2 72.4



#2
 1,4-Dioxane
 Concen: 4.519 ng
 RT: 3.246 min Scan# 23
 Delta R.T. -0.000 min
 Lab File: BN019042.D
 Acq: 22 Mar 2022 04:06

Tgt Ion: 88 Resp: 33977
 Ion Ratio Lower Upper
 88 100
 43 46.6 24.6 37.0#
 58 77.2 65.4 98.2

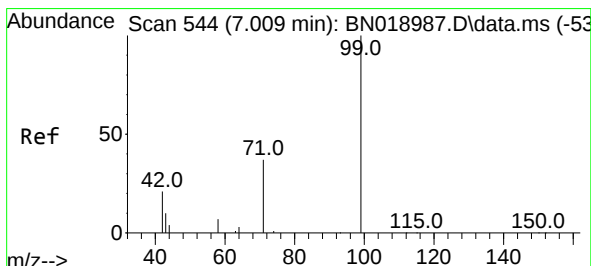
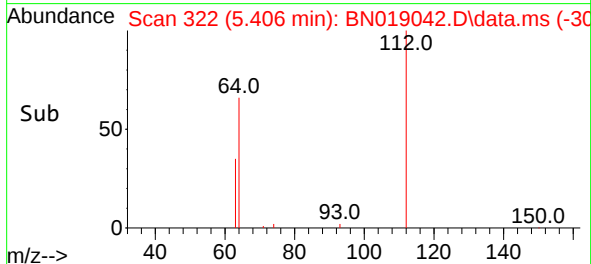
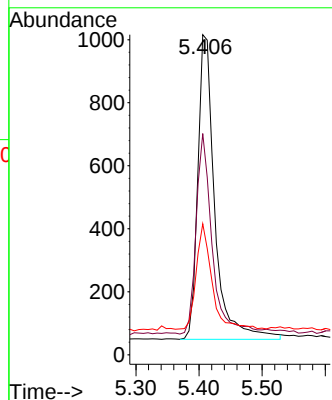
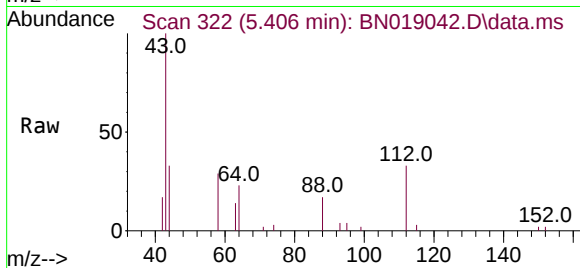




#4
2-Fluorophenol
Concen: 0.133 ng
RT: 5.406 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN019042.D
Acq: 22 Mar 2022 04:06

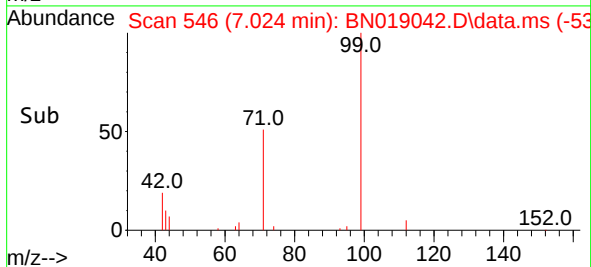
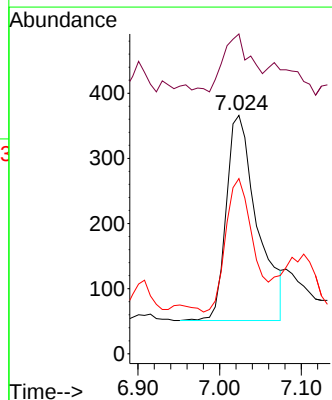
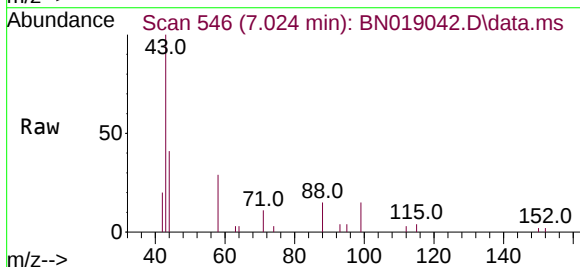
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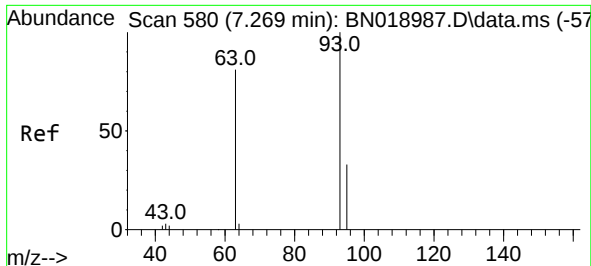
Tgt Ion:112 Resp: 1813
Ion Ratio Lower Upper
112 100
64 62.9 47.8 71.8
63 31.7 25.7 38.5



#5
Phenol-d6
Concen: 0.058 ng
RT: 7.024 min Scan# 546
Delta R.T. 0.014 min
Lab File: BN019042.D
Acq: 22 Mar 2022 04:06

Tgt Ion: 99 Resp: 832
Ion Ratio Lower Upper
99 100
42 22.2 16.2 24.4
71 57.3 27.7 41.5#

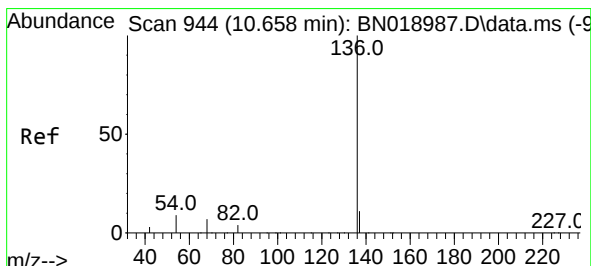
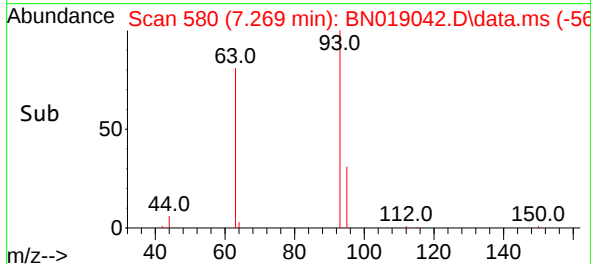
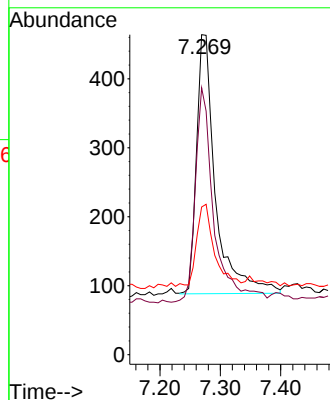
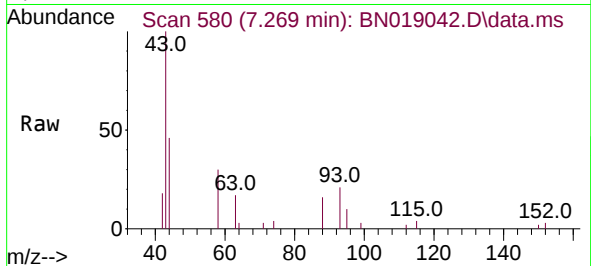




#6
bis(2-Chloroethyl)ether
Concen: 0.048 ng
RT: 7.269 min Scan# 580
Delta R.T. -0.000 min
Lab File: BN019042.D
Acq: 22 Mar 2022 04:06

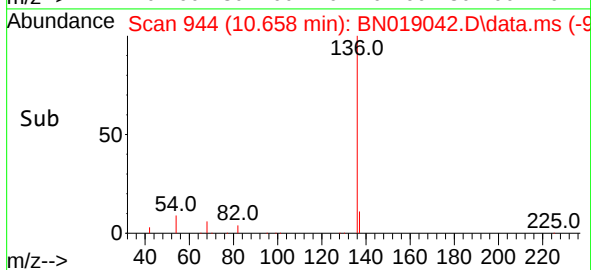
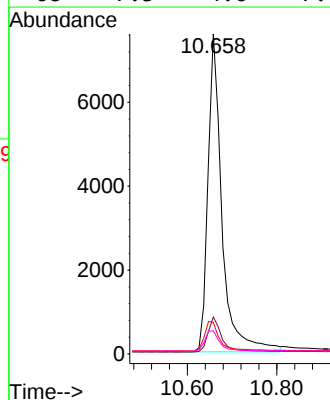
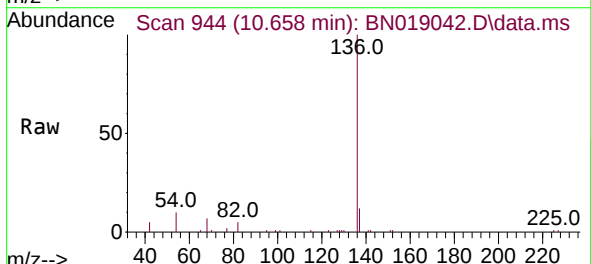
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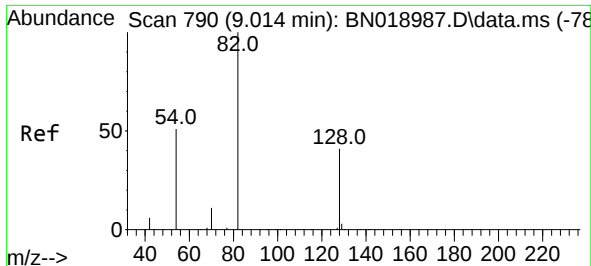
Tgt Ion:	93	Resp:	824
Ion	Ratio	Lower	Upper
93	100		
63	80.9	62.8	94.2
95	29.2	26.2	39.4



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.658 min Scan# 944
Delta R.T. -0.000 min
Lab File: BN019042.D
Acq: 22 Mar 2022 04:06

Tgt Ion:	136	Resp:	16468
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.0	13.4
54	9.9	5.8	8.6#
68	7.3	4.6	7.0#

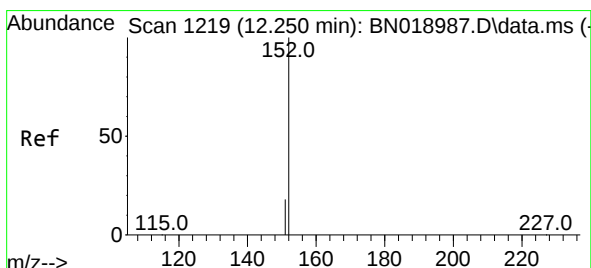
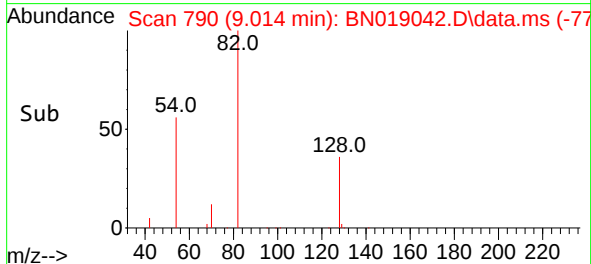
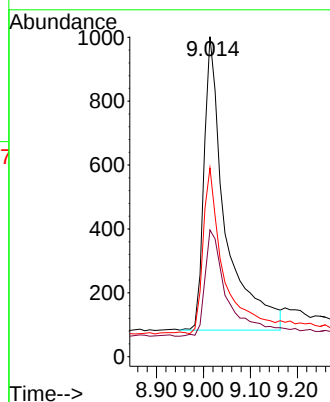
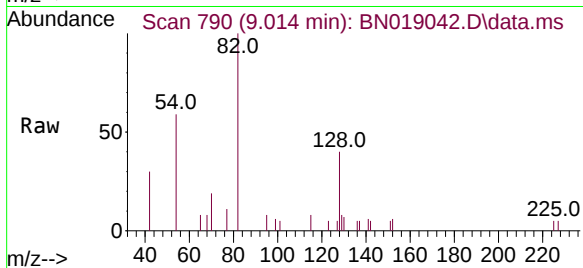




#8
 Nitrobenzene-d5
 Concen: 0.245 ng
 RT: 9.014 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: BN019042.D
 Acq: 22 Mar 2022 04:06

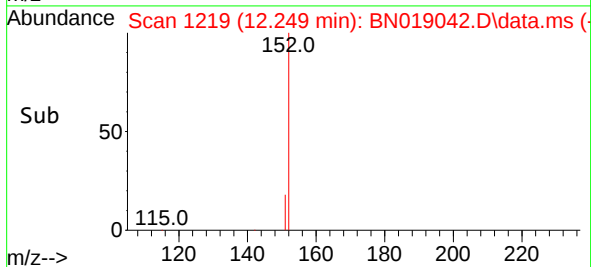
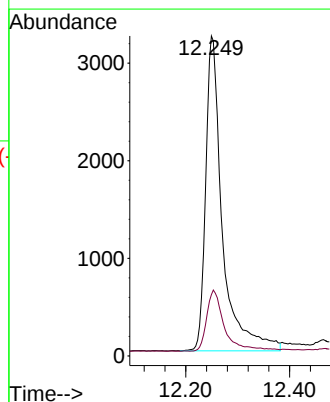
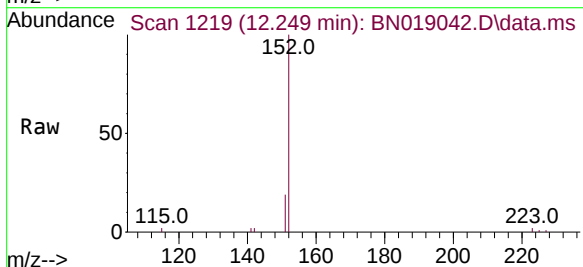
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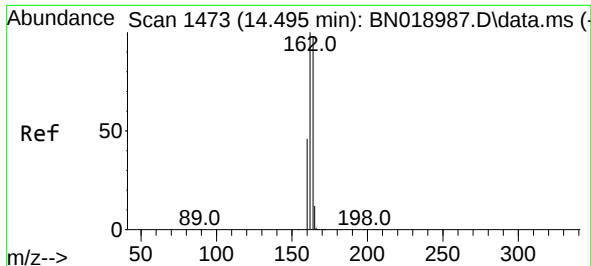
Tgt Ion:	82	Resp:	2907
Ion	Ratio	Lower	Upper
82	100		
128	39.6	33.0	49.6
54	59.0	42.5	63.7



#11
 2-Methylnaphthalene-d10
 Concen: 0.263 ng
 RT: 12.249 min Scan# 1219
 Delta R.T. -0.000 min
 Lab File: BN019042.D
 Acq: 22 Mar 2022 04:06

Tgt Ion:	152	Resp:	7193
Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.5	24.7

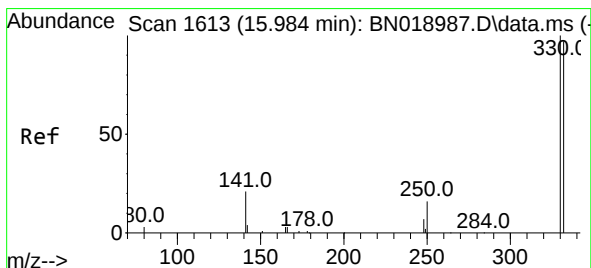
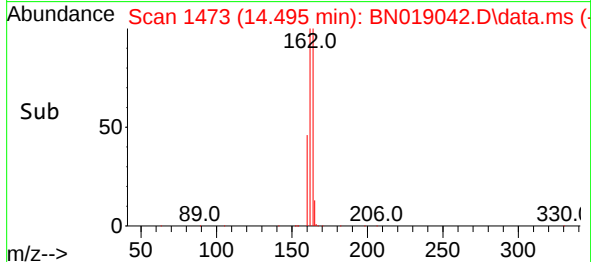
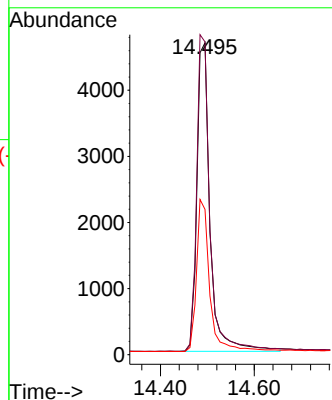
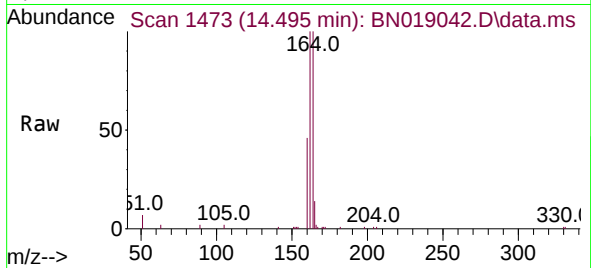




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.495 min Scan# 1473
Delta R.T. -0.000 min
Lab File: BN019042.D
Acq: 22 Mar 2022 04:06

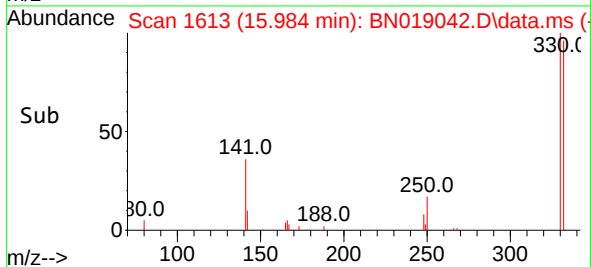
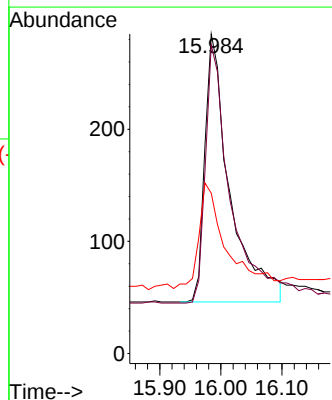
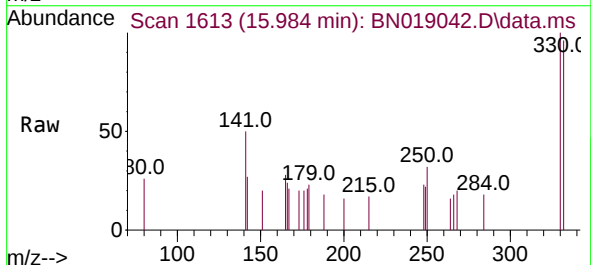
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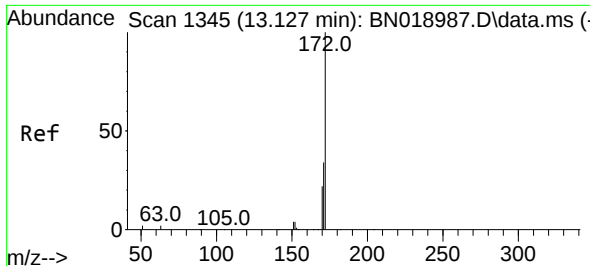
Tgt Ion:164 Resp: 9110
Ion Ratio Lower Upper
164 100
162 100.3 85.2 127.8
160 46.6 41.5 62.3



#14
2,4,6-Tribromophenol
Concen: 0.155 ng
RT: 15.984 min Scan# 1613
Delta R.T. -0.000 min
Lab File: BN019042.D
Acq: 22 Mar 2022 04:06

Tgt Ion:330 Resp: 680
Ion Ratio Lower Upper
330 100
332 97.1 76.8 115.2
141 42.8 32.2 48.2

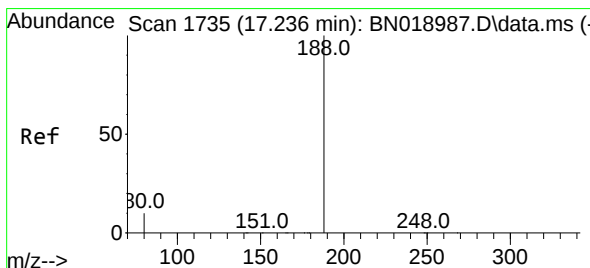
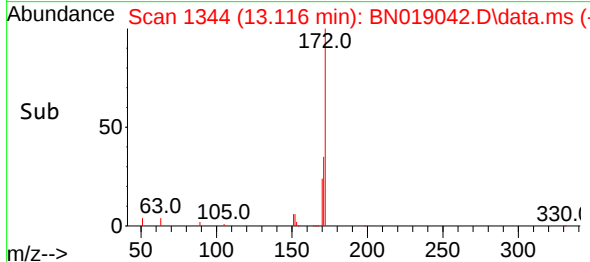
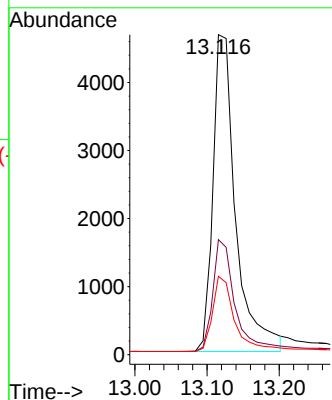
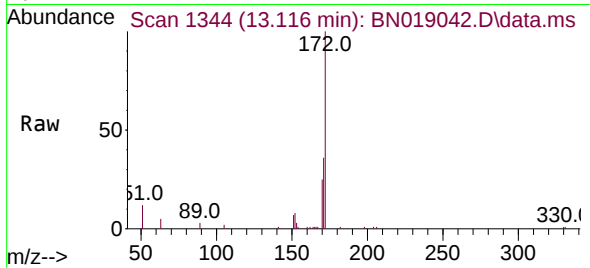




#15
2-Fluorobiphenyl
Concen: 0.280 ng
RT: 13.116 min Scan# 1344
Delta R.T. -0.011 min
Lab File: BN019042.D
Acq: 22 Mar 2022 04:06

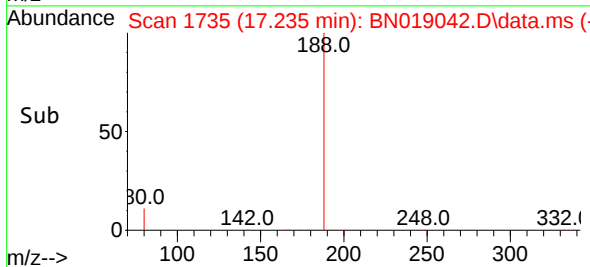
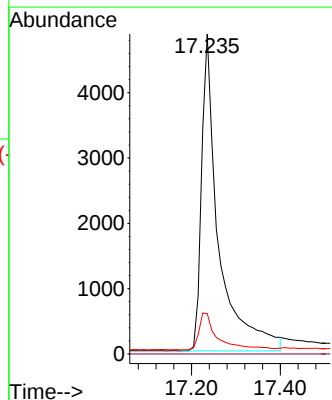
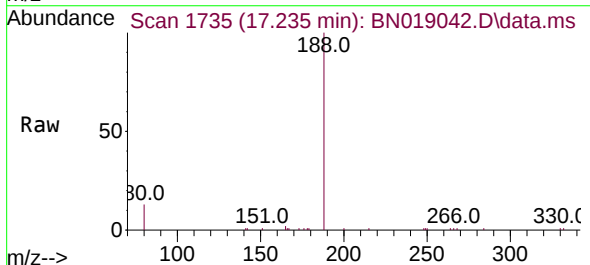
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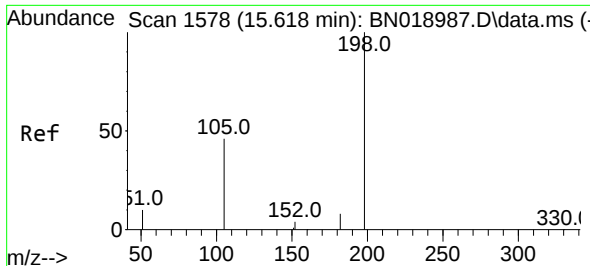
Tgt Ion:172 Resp: 10219
Ion Ratio Lower Upper
172 100
171 36.0 28.2 42.2
170 24.5 18.7 28.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.235 min Scan# 1735
Delta R.T. -0.001 min
Lab File: BN019042.D
Acq: 22 Mar 2022 04:06

Tgt Ion:188 Resp: 12946
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.6 11.8 17.8

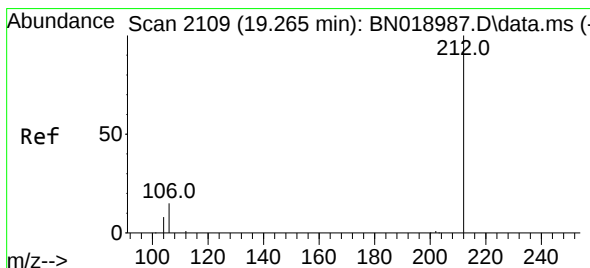
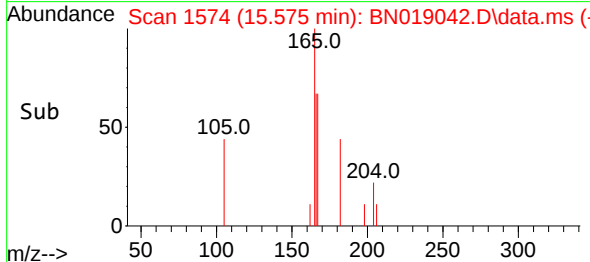
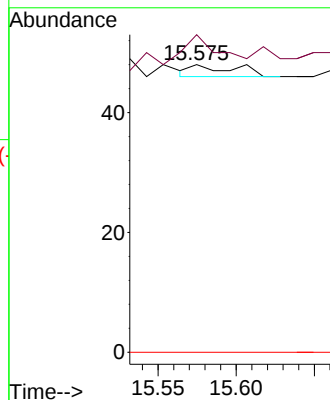
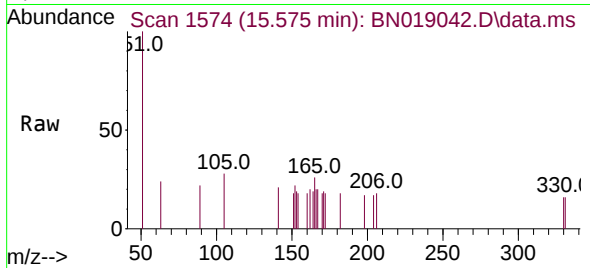




#20
4,6-Dinitro-2-methylphenol
Concen: 0.111 ng
RT: 15.575 min Scan# 11
Delta R.T. -0.043 min
Lab File: BN019042.D
Acq: 22 Mar 2022 04:06

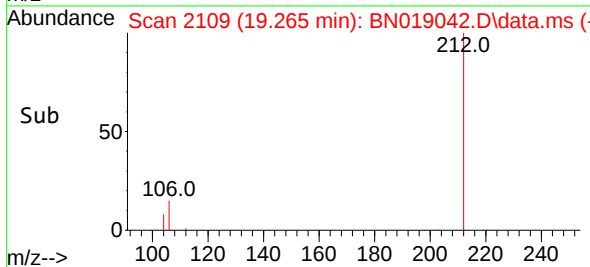
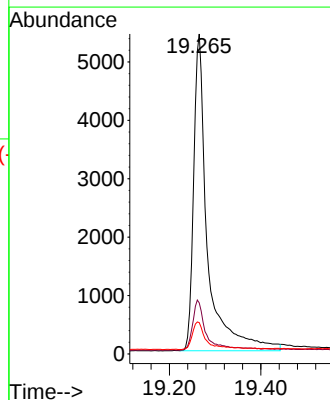
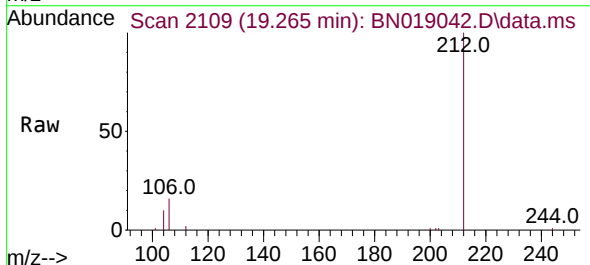
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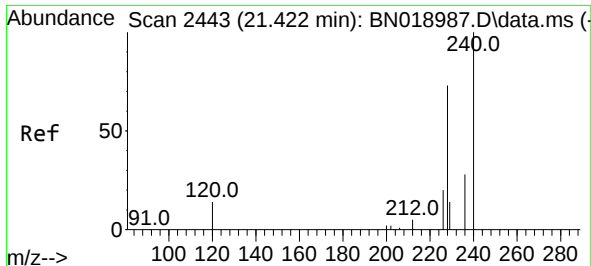
Tgt Ion:198 Resp: 4
Ion Ratio Lower Upper
198 100
182 110.4 13.0 19.4#
77 0.0 0.0 0.0



#27
Fluoranthene-d10
Concen: 0.298 ng
RT: 19.265 min Scan# 2109
Delta R.T. -0.000 min
Lab File: BN019042.D
Acq: 22 Mar 2022 04:06

Tgt Ion:212 Resp: 11449
Ion Ratio Lower Upper
212 100
106 15.7 12.7 19.1
104 8.9 7.1 10.7

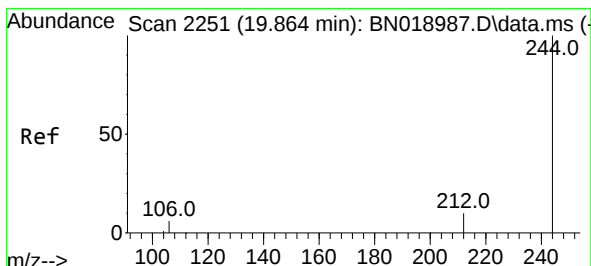
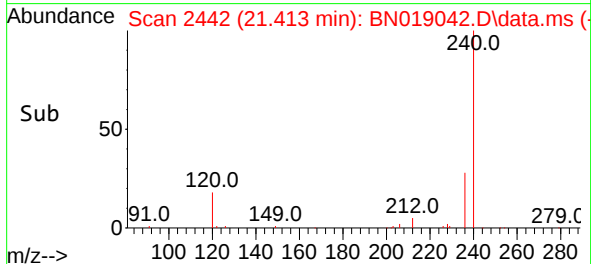
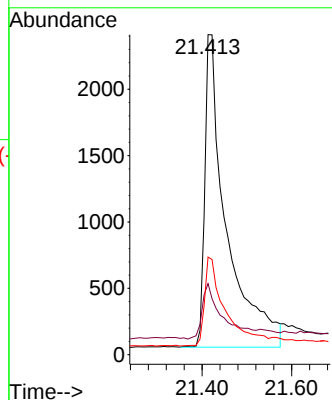
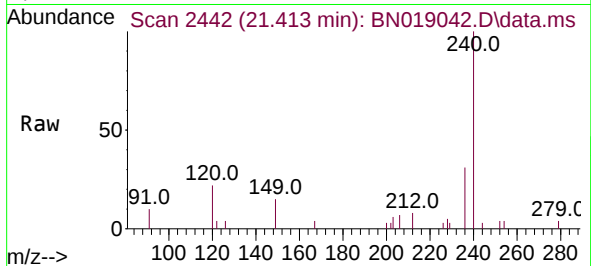




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.413 min Scan# 2443
Delta R.T. -0.009 min
Lab File: BN019042.D
Acq: 22 Mar 2022 04:06

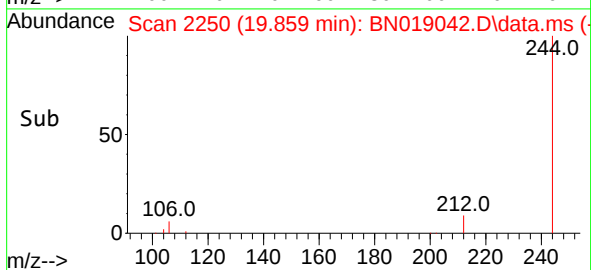
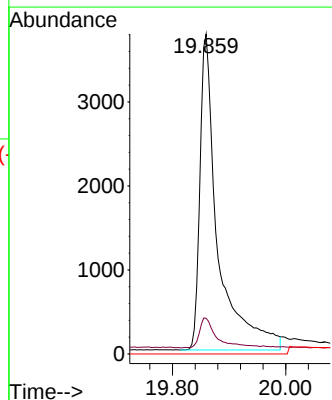
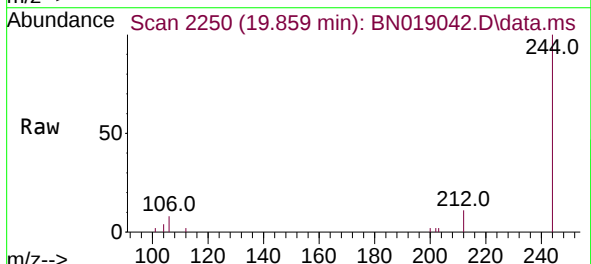
Instrument :
BNA_N
ClientSampleId :
RE-105D2-20220316

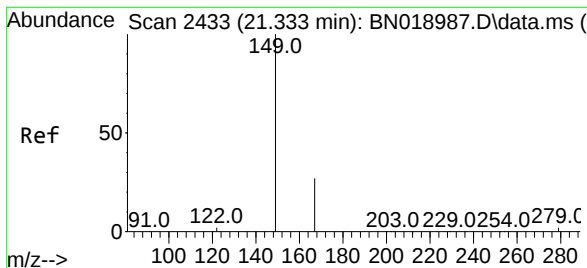
Tgt Ion:240 Resp: 7896
Ion Ratio Lower Upper
240 100
120 22.2 8.5 12.7#
236 30.5 22.4 33.6



#31
Terphenyl-d14
Concen: 0.428 ng
RT: 19.859 min Scan# 2250
Delta R.T. -0.005 min
Lab File: BN019042.D
Acq: 22 Mar 2022 04:06

Tgt Ion:244 Resp: 8299
Ion Ratio Lower Upper
244 100
212 11.2 8.2 12.4
122 0.0 0.0 0.0

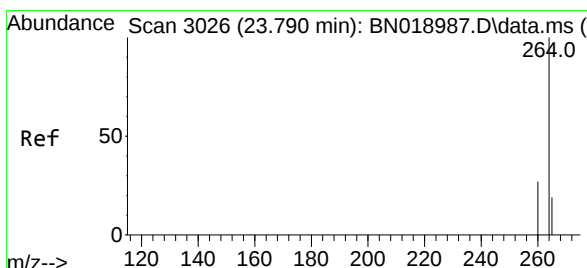
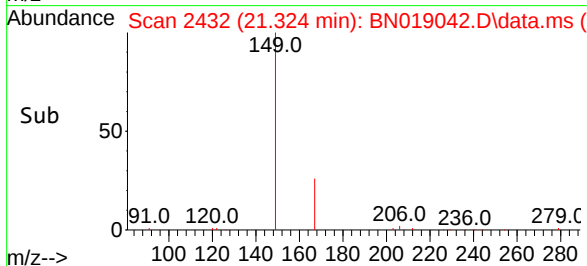
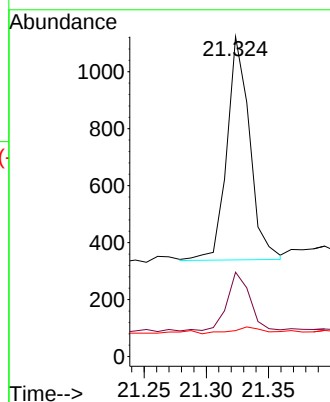
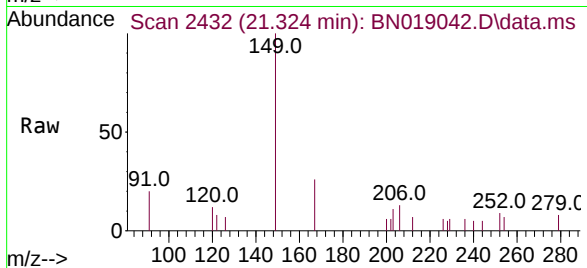




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.062 ng
RT: 21.324 min Scan# 2432
Delta R.T. -0.009 min
Lab File: BN019042.D
Acq: 22 Mar 2022 04:06

Instrument :
BNA_N
ClientSampleId :
RE-105D2-20220316

Tgt Ion:149 Resp: 996
Ion Ratio Lower Upper
149 100
167 28.0 21.8 32.8
279 4.4 2.0 3.0#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.784 min Scan# 3024
Delta R.T. -0.006 min
Lab File: BN019042.D
Acq: 22 Mar 2022 04:06

Tgt Ion:264 Resp: 6900
Ion Ratio Lower Upper
264 100
260 29.3 22.4 33.6
265 50.2 25.3 37.9#

