

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042222\
 Data File : BN019530.D
 Acq On : 22 Apr 2022 21:14
 Operator : CG/JU
 Sample : N2531-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP-100-20220421

Quant Time: Apr 23 05:32:02 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN042122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 20 17:50:10 2022
 Response via : Initial Calibration

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

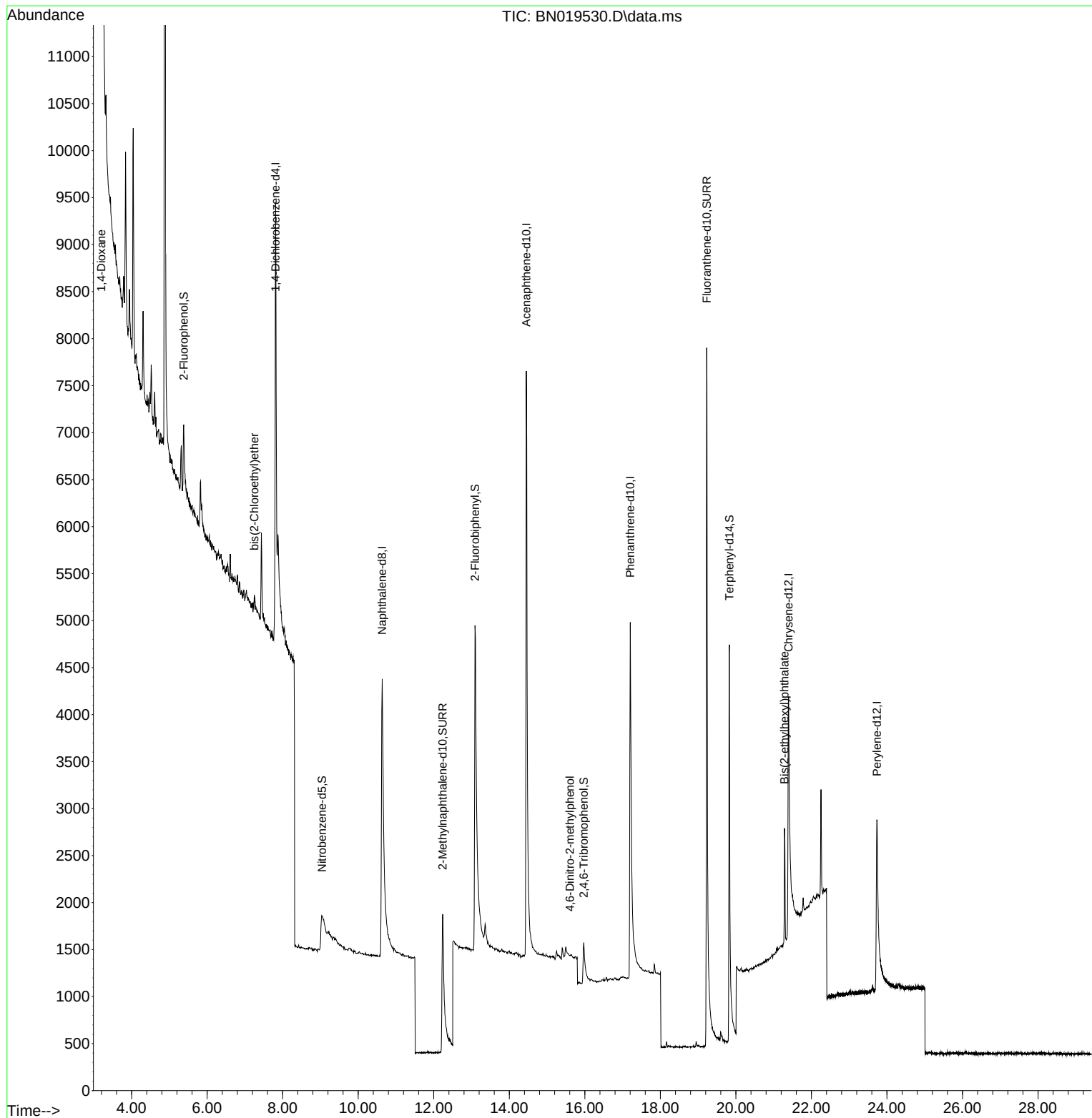
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.812	152	3881	0.400	ng	0.00
7) Naphthalene-d8	10.635	136	9202	0.400	ng	# 0.02
13) Acenaphthene-d10	14.450	164	5756	0.400	ng	0.00
19) Phenanthrene-d10	17.203	188	10333	0.400	ng	0.00
29) Chrysene-d12	21.395	240	6274	0.400	ng	# 0.01
35) Perylene-d12	23.734	264	4837	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.378	112	1030	0.124	ng	0.00
5) Phenol-d6	7.047	99	114	0.012	ng	0.07
8) Nitrobenzene-d5	9.044	82	1322	0.198	ng	0.06
11) 2-Methylnaphthalene-d10	12.236	152	5094	0.341	ng	0.03
14) 2,4,6-Tribromophenol	15.972	330	505	0.196	ng	0.03
15) 2-Fluorobiphenyl	13.092	172	6402	0.279	ng	0.00
27) Fluoranthene-d10	19.227	212	13480	0.446	ng	0.00
31) Terphenyl-d14	19.826	244	7584	0.535	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.197	88	25935	5.078	ng	# 89
6) bis(2-Chloroethyl)ether	7.249	93	227	0.023	ng	# 93
20) 4,6-Dinitro-2-methylph...	15.605	198	4	0.127	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.288	149	1295	0.113	ng	# 95

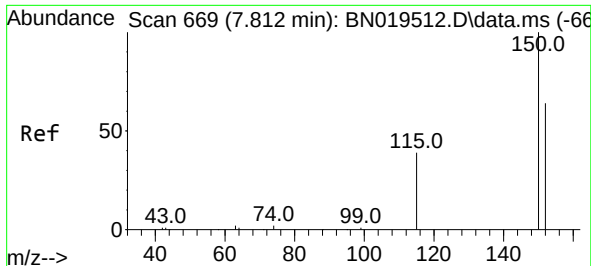
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BN019530.D
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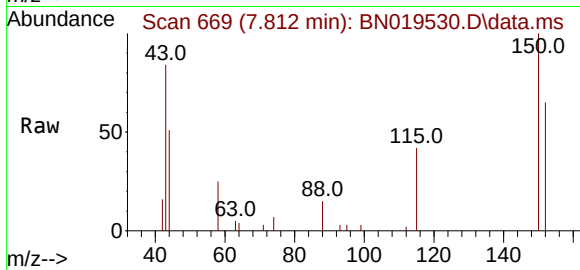
Quant Time: Apr 23 05:32:02 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN042122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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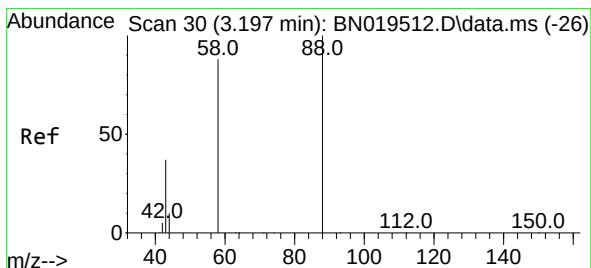
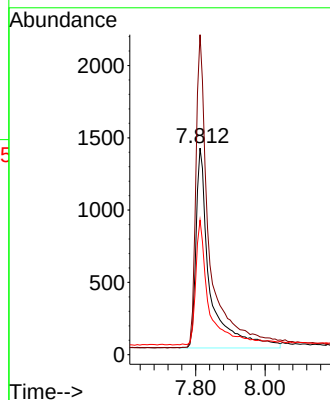
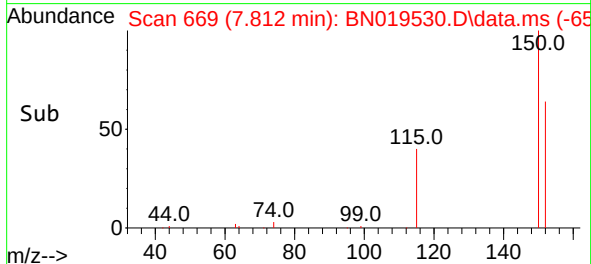


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.812 min Scan# 669
 Delta R.T. 0.000 min
 Lab File: BN019530.D
 Acq: 22 Apr 2022 21:14

Instrument :
 BNA_N
 ClientSampleId :
 SP-100-20220421

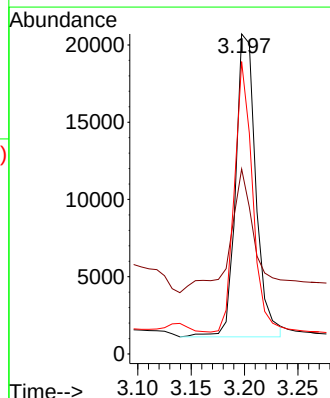
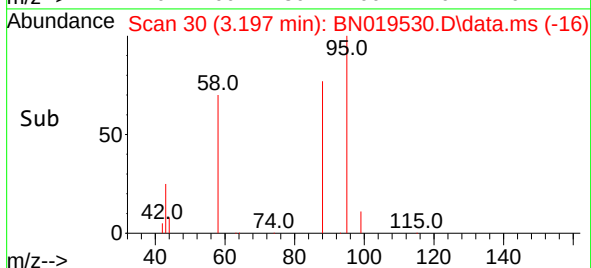
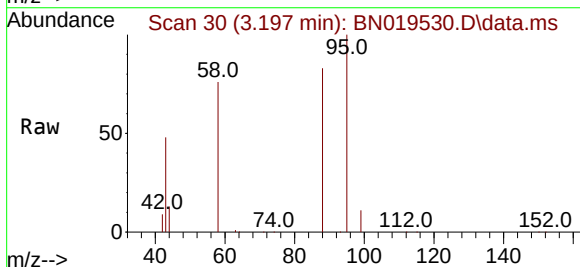


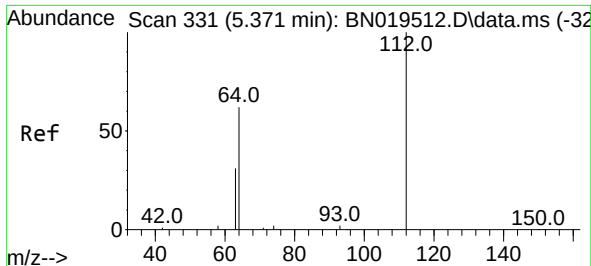
Tgt Ion:152 Resp: 3881
 Ion Ratio Lower Upper
 152 100
 150 154.9 123.9 185.9
 115 65.2 48.2 72.4



#2
 1,4-Dioxane
 Concen: 5.078 ng
 RT: 3.197 min Scan# 30
 Delta R.T. 0.000 min
 Lab File: BN019530.D
 Acq: 22 Apr 2022 21:14

Tgt Ion: 88 Resp: 25935
 Ion Ratio Lower Upper
 88 100
 43 48.5 24.6 37.0#
 58 79.4 65.4 98.2

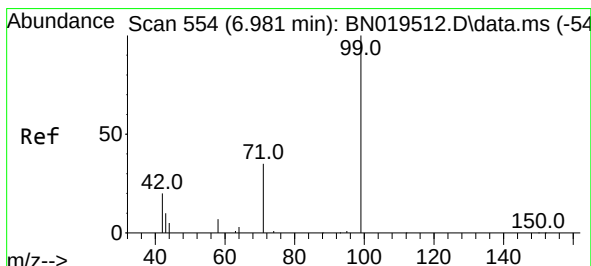
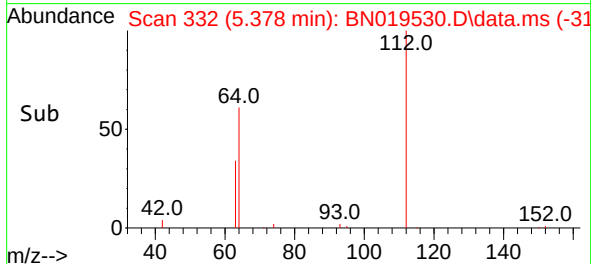
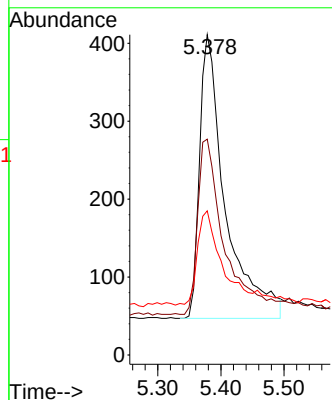
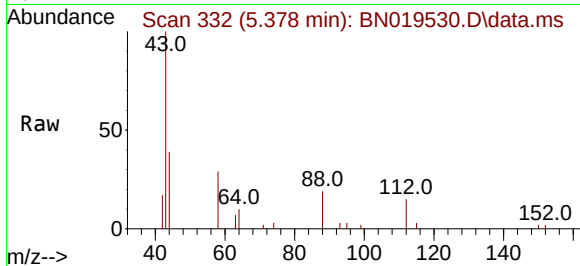




#4
2-Fluorophenol
Concen: 0.124 ng
RT: 5.378 min Scan# 31
Delta R.T. 0.007 min
Lab File: BN019530.D
Acq: 22 Apr 2022 21:14

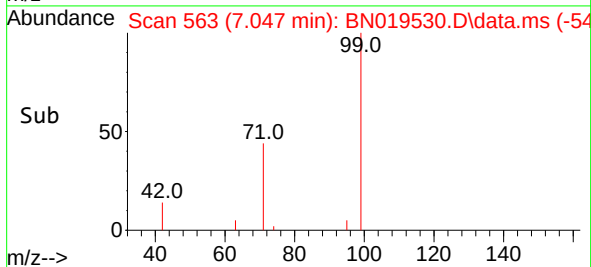
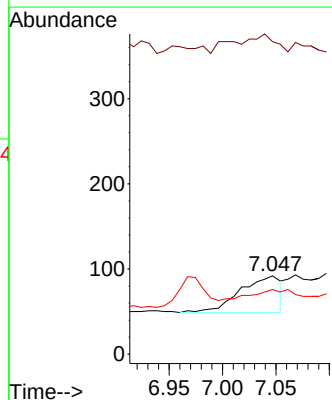
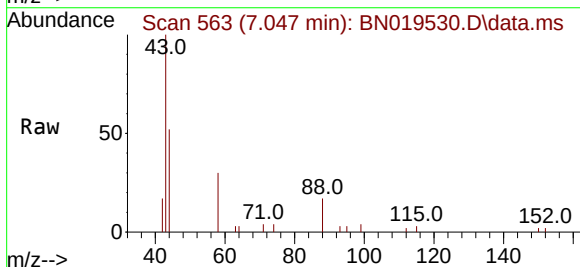
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BNA_N
ClientSampleId :
SP-100-20220421

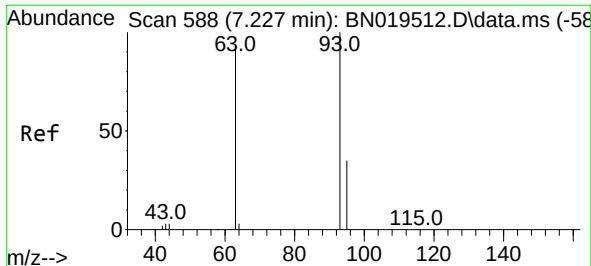
Tgt Ion: 112 Resp: 1030
Ion Ratio Lower Upper
112 100
64 64.0 47.8 71.8
63 34.1 25.7 38.5



#5
Phenol-d6
Concen: 0.012 ng
RT: 7.047 min Scan# 563
Delta R.T. 0.065 min
Lab File: BN019530.D
Acq: 22 Apr 2022 21:14

Tgt Ion: 99 Resp: 114
Ion Ratio Lower Upper
99 100
42 13.2 16.2 24.4#
71 14.9 27.7 41.5#

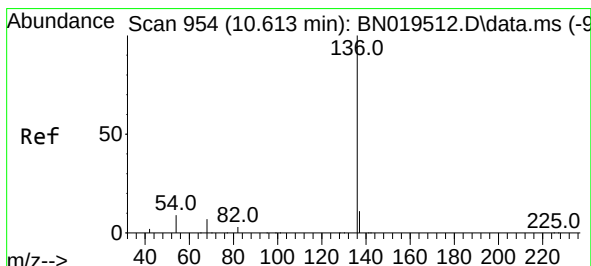
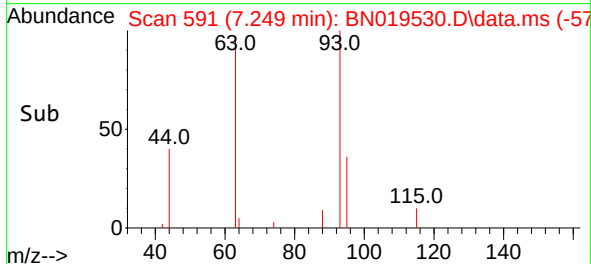
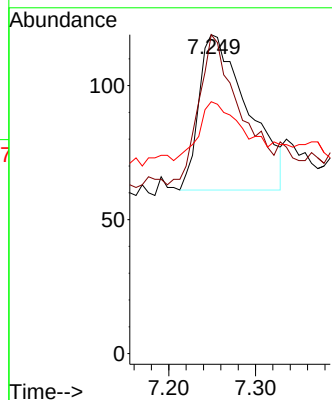
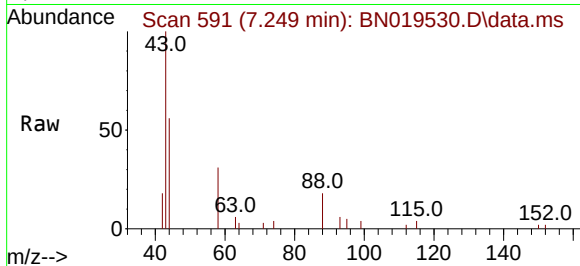




#6
bis(2-Chloroethyl)ether
Concen: 0.023 ng
RT: 7.249 min Scan# 591
Delta R.T. 0.022 min
Lab File: BN019530.D
Acq: 22 Apr 2022 21:14

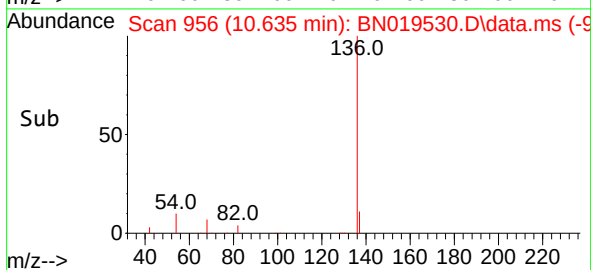
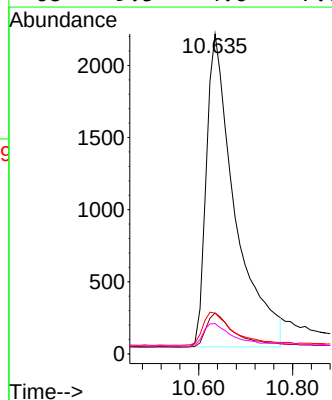
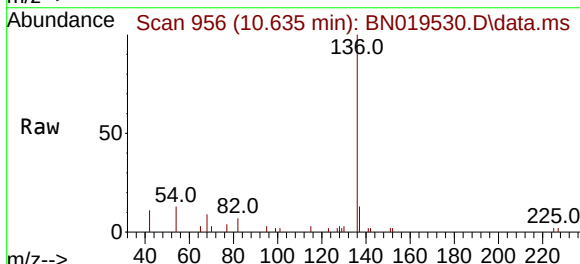
Instrument :
BNA_N
ClientSampleId :
SP-100-20220421

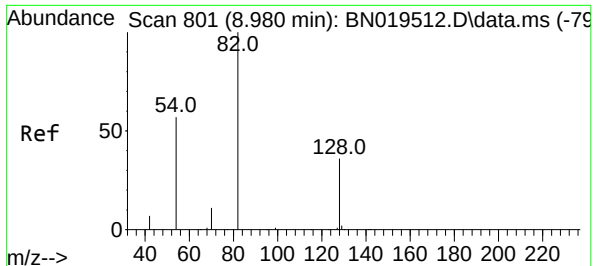
Tgt Ion: 93 Resp: 227
Ion Ratio Lower Upper
93 100
63 82.4 62.8 94.2
95 40.1 26.2 39.4#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.635 min Scan# 956
Delta R.T. 0.022 min
Lab File: BN019530.D
Acq: 22 Apr 2022 21:14

Tgt Ion: 136 Resp: 9202
Ion Ratio Lower Upper
136 100
137 12.8 9.0 13.4
54 12.7 5.8 8.6#
68 9.5 4.6 7.0#

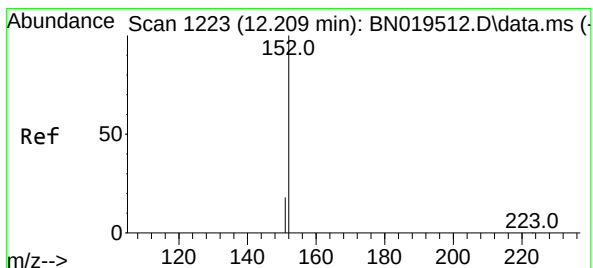
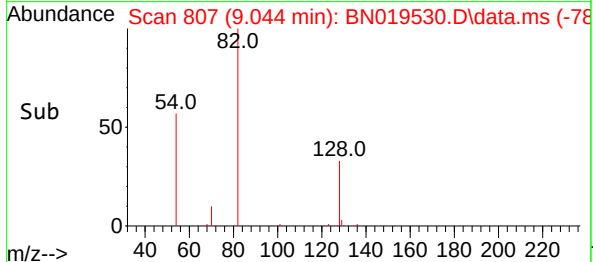
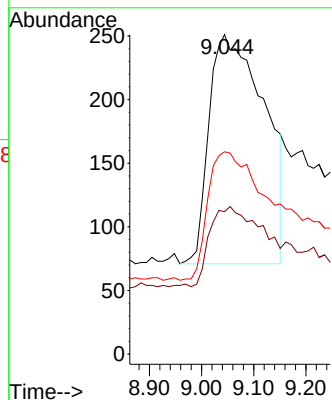
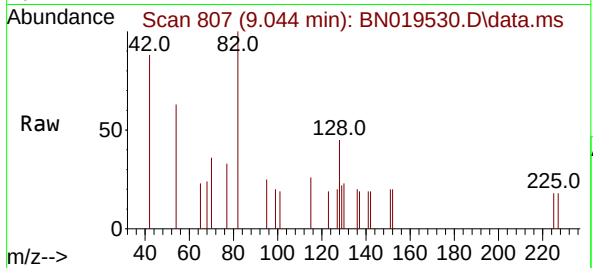




#8
Nitrobenzene-d5
Concen: 0.198 ng
RT: 9.044 min Scan# 801
Delta R.T. 0.064 min
Lab File: BN019530.D
Acq: 22 Apr 2022 21:14

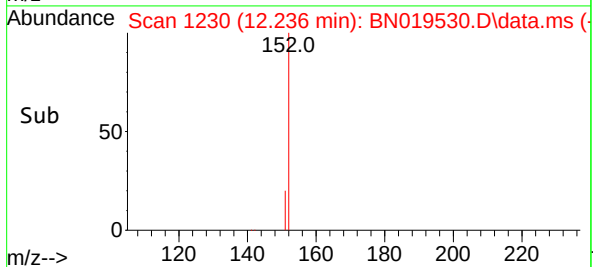
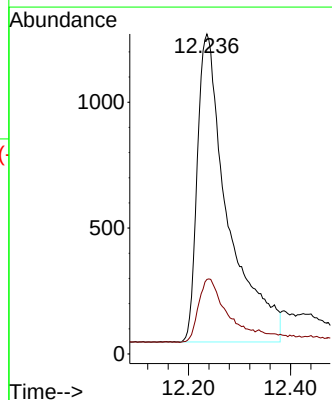
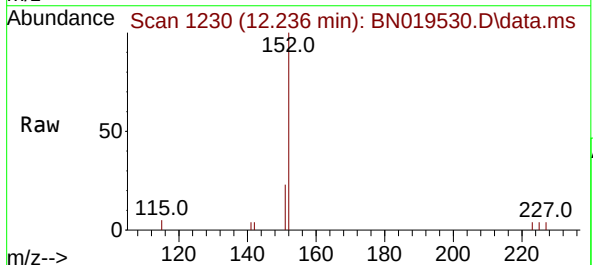
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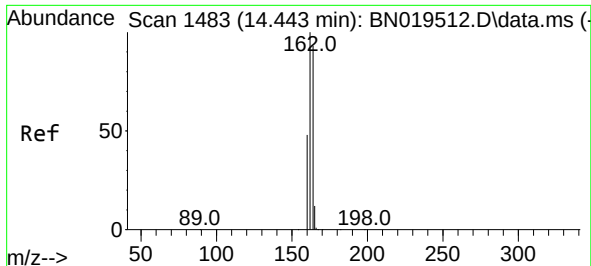
Tgt Ion: 82 Resp: 1322
Ion Ratio Lower Upper
82 100
128 44.6 33.0 49.6
54 63.3 42.5 63.7



#11
2-Methylnaphthalene-d10
Concen: 0.341 ng
RT: 12.236 min Scan# 1230
Delta R.T. 0.027 min
Lab File: BN019530.D
Acq: 22 Apr 2022 21:14

Tgt Ion: 152 Resp: 5094
Ion Ratio Lower Upper
152 100
151 19.2 16.5 24.7

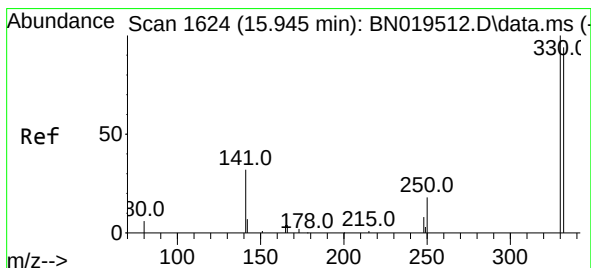
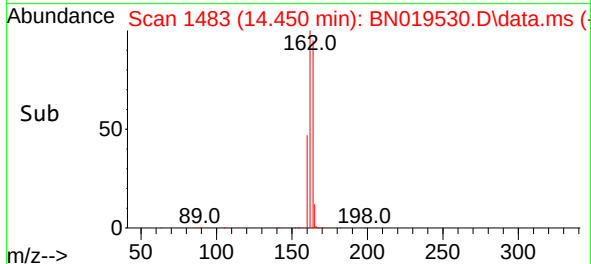
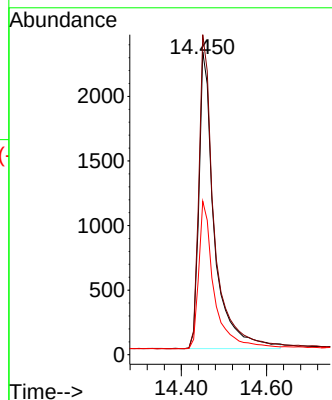
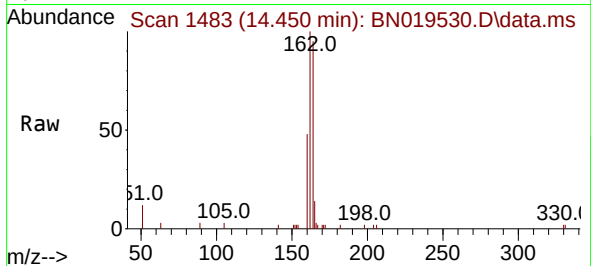




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.450 min Scan# 1483
Delta R.T. 0.007 min
Lab File: BN019530.D
Acq: 22 Apr 2022 21:14

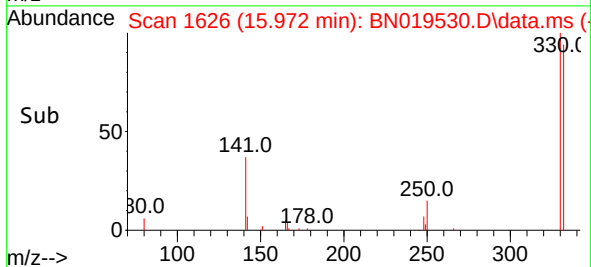
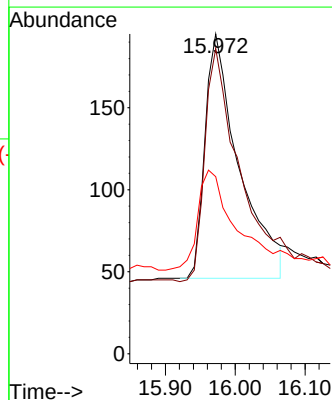
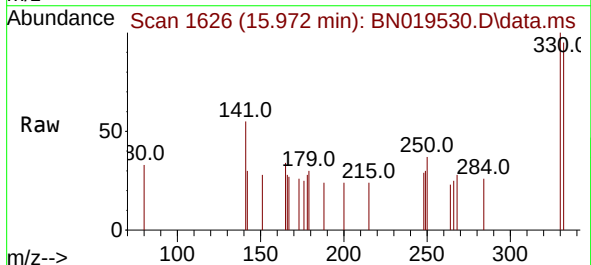
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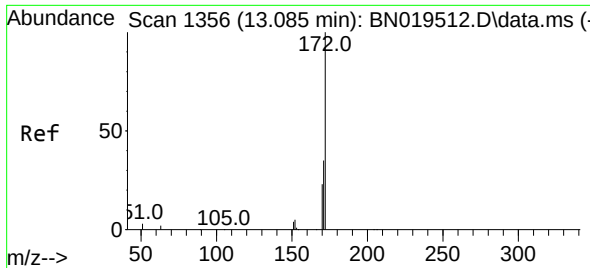
Tgt Ion:	164	Resp:	5756
Ion Ratio	Lower	Upper	
164	100		
162	105.6	85.2	127.8
160	50.6	41.5	62.3



#14
2,4,6-Tribromophenol
Concen: 0.196 ng
RT: 15.972 min Scan# 1626
Delta R.T. 0.027 min
Lab File: BN019530.D
Acq: 22 Apr 2022 21:14

Tgt Ion:	330	Resp:	505
Ion Ratio	Lower	Upper	
330	100		
332	95.2	76.8	115.2
141	44.8	32.2	48.2

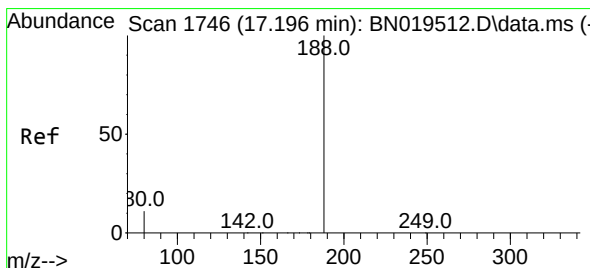
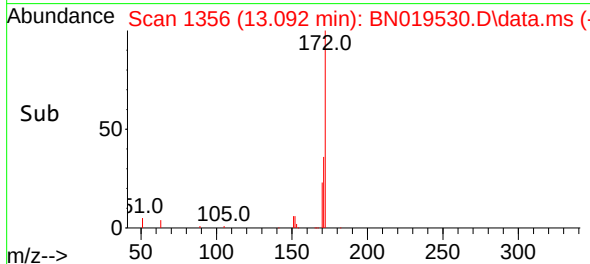
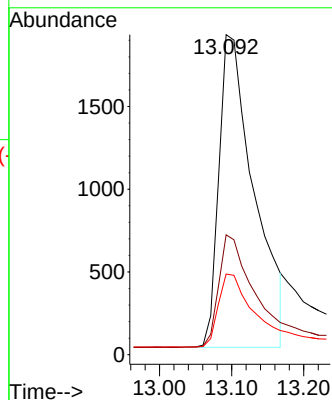
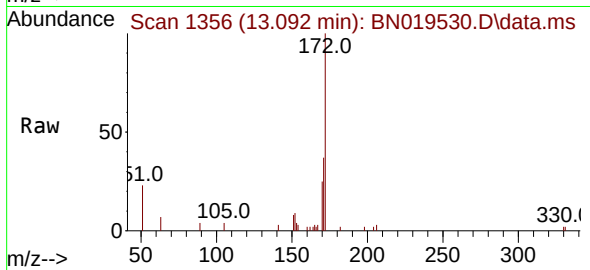




#15
2-Fluorobiphenyl
Concen: 0.279 ng
RT: 13.092 min Scan# 1356
Delta R.T. 0.007 min
Lab File: BN019530.D
Acq: 22 Apr 2022 21:14

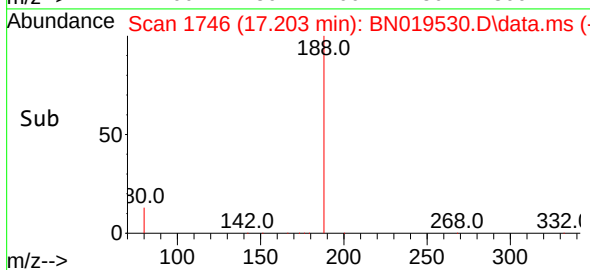
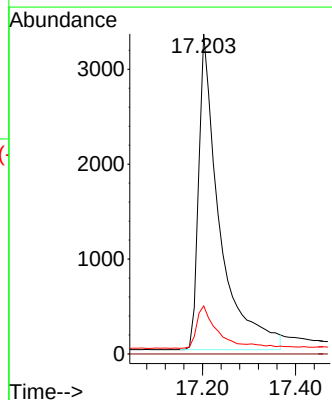
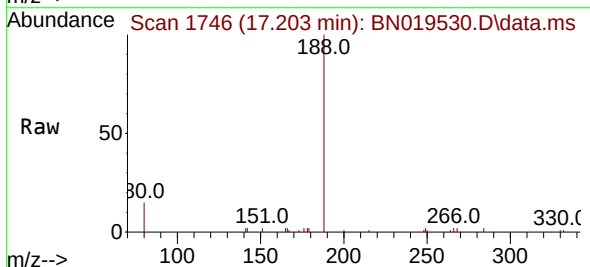
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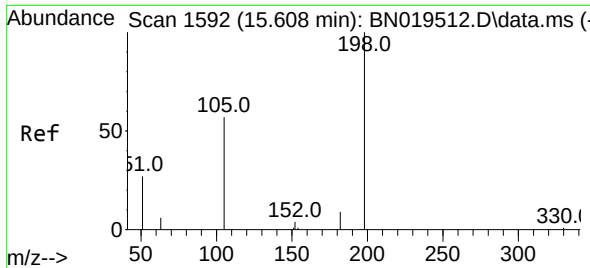
Tgt Ion:172 Resp: 6402
Ion Ratio Lower Upper
172 100
171 37.4 28.2 42.2
170 25.2 18.7 28.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.203 min Scan# 1746
Delta R.T. 0.007 min
Lab File: BN019530.D
Acq: 22 Apr 2022 21:14

Tgt Ion:188 Resp: 10333
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.0 11.8 17.8

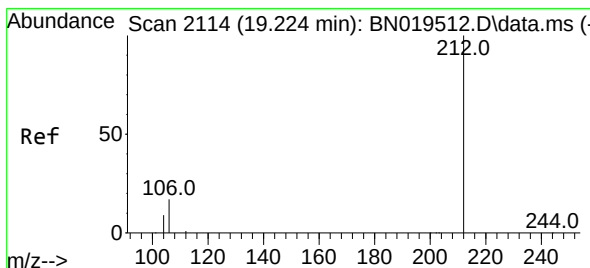
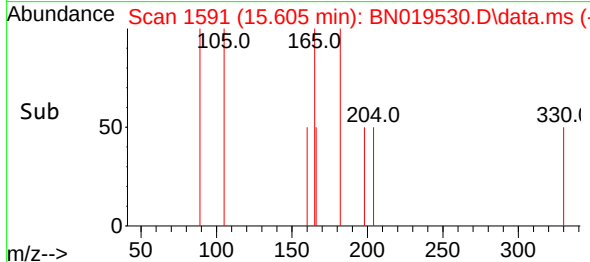
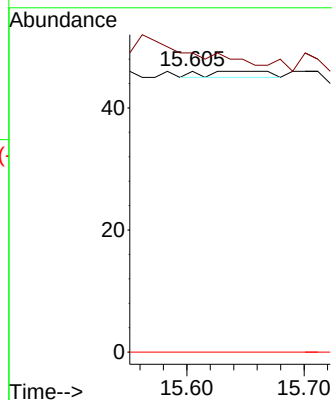
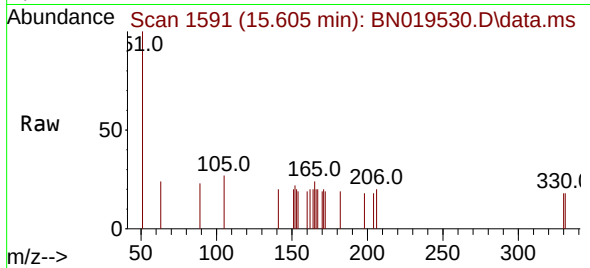




#20
4,6-Dinitro-2-methylphenol
Concen: 0.127 ng
RT: 15.605 min Scan# 11
Delta R.T. -0.003 min
Lab File: BN019530.D
Acq: 22 Apr 2022 21:14

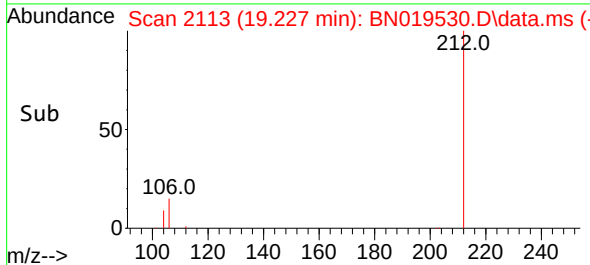
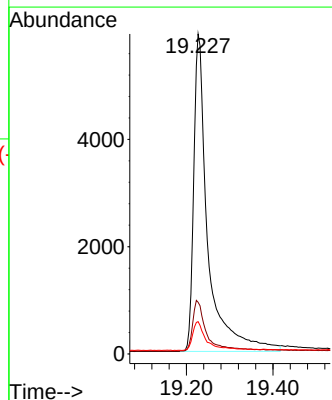
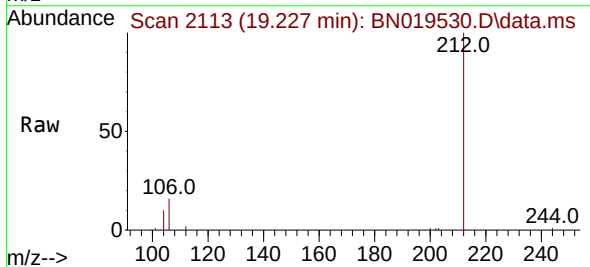
Instrument :
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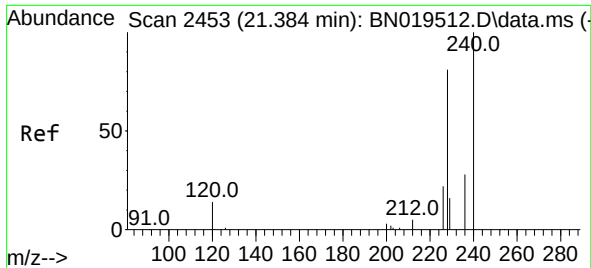
Tgt Ion:198 Resp: 4
Ion Ratio Lower Upper
198 100
182 106.5 13.0 19.4#
77 0.0 0.0 0.0



#27
Fluoranthene-d10
Concen: 0.446 ng
RT: 19.227 min Scan# 2113
Delta R.T. 0.002 min
Lab File: BN019530.D
Acq: 22 Apr 2022 21:14

Tgt Ion:212 Resp: 13480
Ion Ratio Lower Upper
212 100
106 15.6 12.7 19.1
104 9.1 7.1 10.7





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.395 min Scan# 2453

Delta R.T. 0.011 min

Lab File: BN019530.D

Acq: 22 Apr 2022 21:14

Instrument :

BNA_N

ClientSampleId :

SP-100-20220421

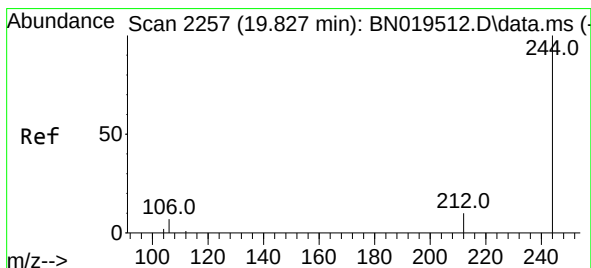
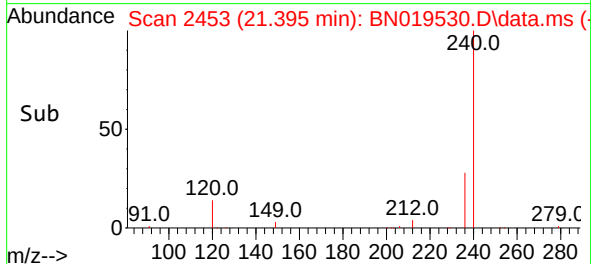
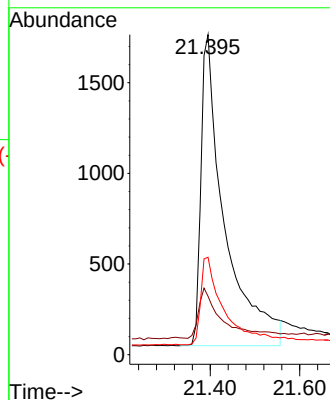
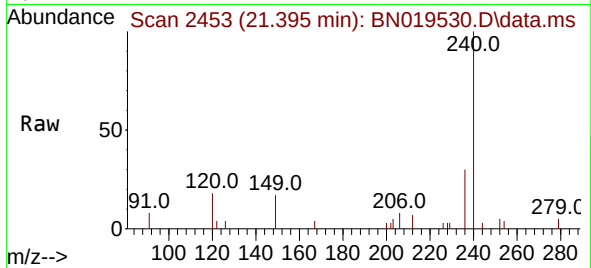
Tgt Ion:240 Resp: 6274

Ion Ratio Lower Upper

240 100

120 18.2 8.5 12.7#

236 30.4 22.4 33.6



#31

Terphenyl-d14

Concen: 0.535 ng

RT: 19.826 min Scan# 2255

Delta R.T. -0.002 min

Lab File: BN019530.D

Acq: 22 Apr 2022 21:14

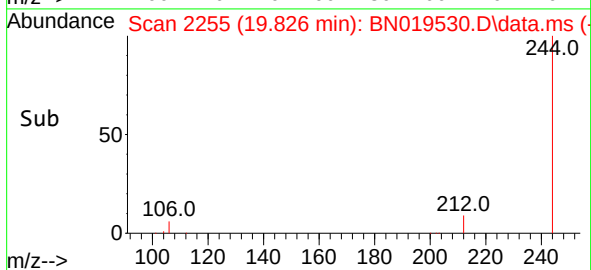
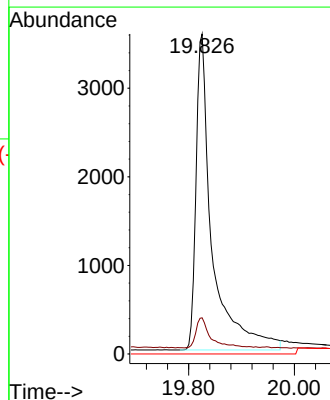
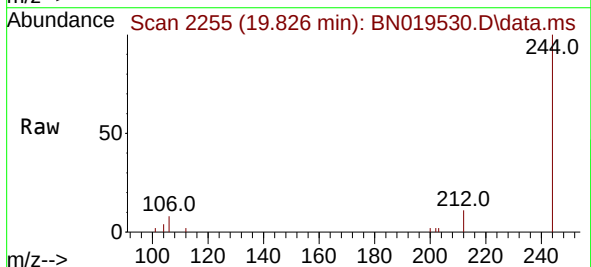
Tgt Ion:244 Resp: 7584

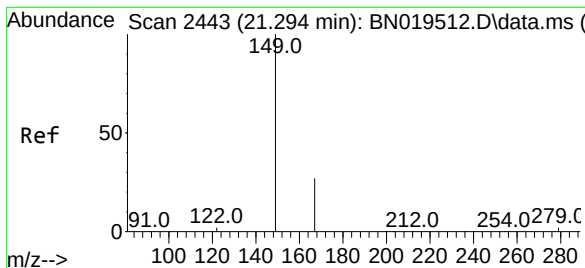
Ion Ratio Lower Upper

244 100

212 11.3 8.2 12.4

122 0.0 0.0 0.0

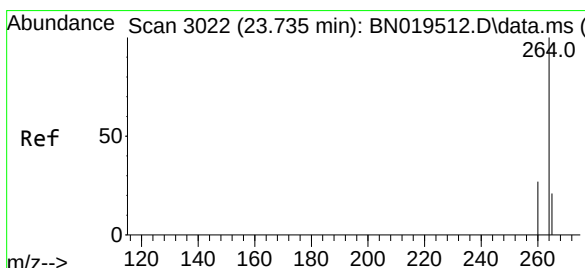
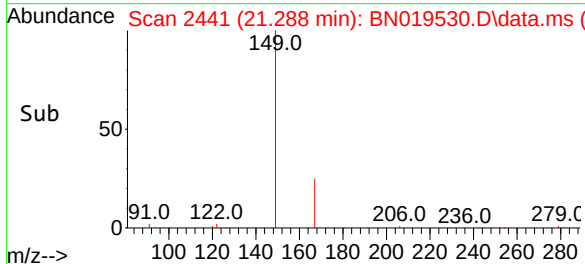
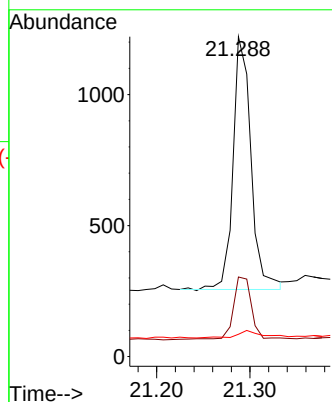
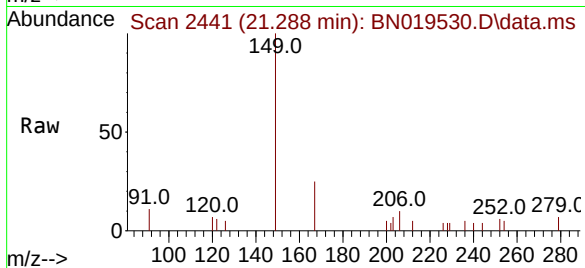




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.113 ng
 RT: 21.288 min Scan# 2441
 Delta R.T. -0.006 min
 Lab File: BN019530.D
 Acq: 22 Apr 2022 21:14

Instrument :
 BNA_N
 ClientSampleId :
 SP-100-20220421

Tgt Ion:149 Resp: 1295
 Ion Ratio Lower Upper
 149 100
 167 24.8 21.8 32.8
 279 4.9 2.0 3.0#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.734 min Scan# 3020
 Delta R.T. -0.000 min
 Lab File: BN019530.D
 Acq: 22 Apr 2022 21:14

Tgt Ion:264 Resp: 4837
 Ion Ratio Lower Upper
 264 100
 260 29.0 22.4 33.6
 265 56.3 25.3 37.9#

