

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032122\
 Data File : BN019025.D
 Acq On : 21 Mar 2022 16:42
 Operator : CG/JU
 Sample : N2000-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE-132D6-20220315

Quant Time: Mar 22 02:30:55 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)

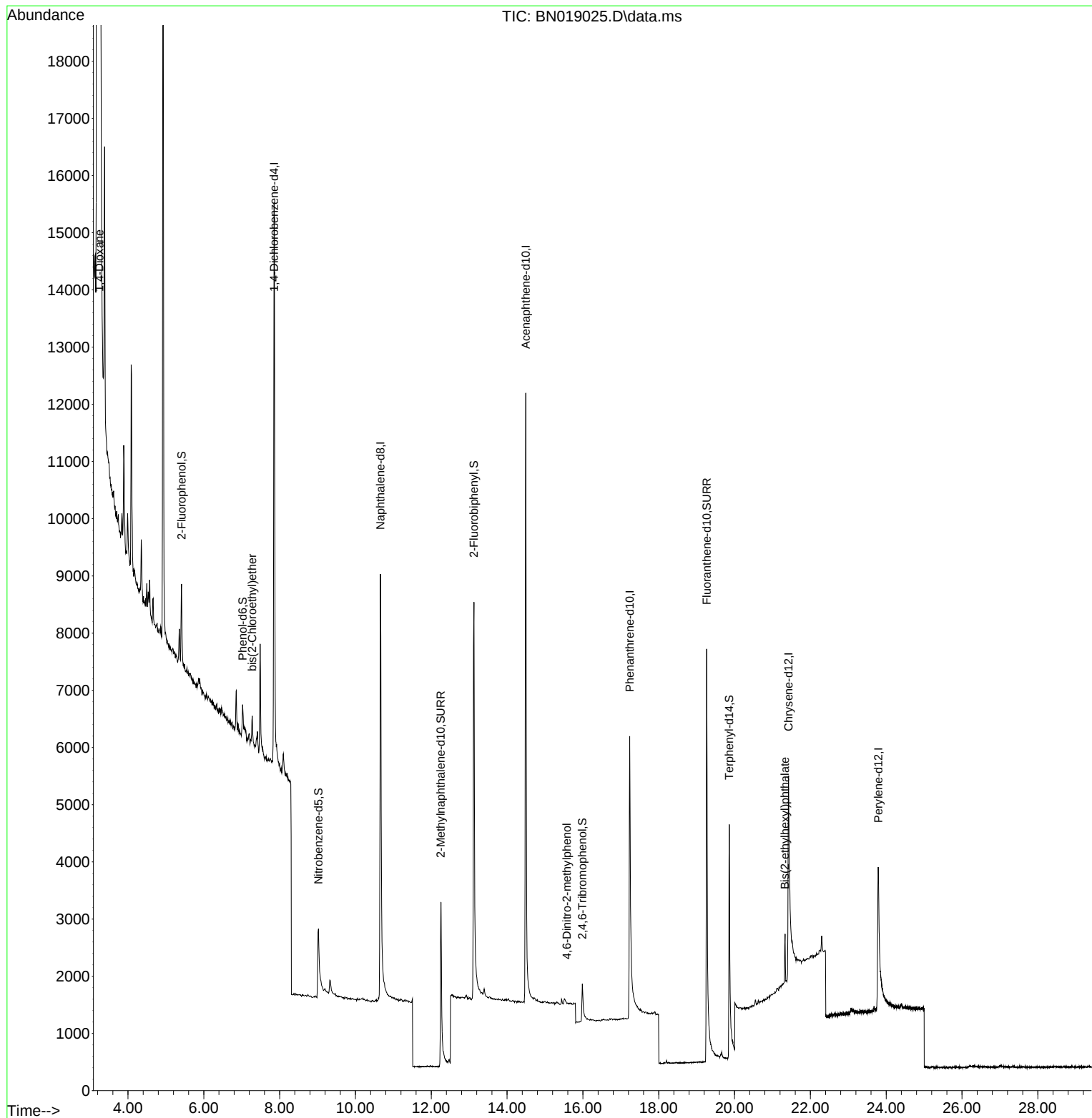
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	5506	0.400	ng	0.00
7) Naphthalene-d8	10.658	136	13376	0.400	ng	# 0.00
13) Acenaphthene-d10	14.495	164	7496	0.400	ng	0.00
19) Phenanthrene-d10	17.236	188	11972	0.400	ng	0.00
29) Chrysene-d12	21.422	240	8052	0.400	ng	# 0.00
35) Perylene-d12	23.790	264	6021	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.413	112	1348	0.109	ng	0.00
5) Phenol-d6	7.024	99	526	0.041	ng	0.01
8) Nitrobenzene-d5	9.025	82	2137	0.222	ng	0.01
11) 2-Methylnaphthalene-d10	12.253	152	5926	0.267	ng	0.00
14) 2,4,6-Tribromophenol	15.984	330	632	0.175	ng	0.00
15) 2-Fluorobiphenyl	13.127	172	8341	0.278	ng	0.00
27) Fluoranthene-d10	19.265	212	12372	0.348	ng	0.00
31) Terphenyl-d14	19.860	244	7454	0.377	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.247	88	29143	4.283	ng	# 82
6) bis(2-Chloroethyl)ether	7.277	93	482	0.031	ng	95
20) 4,6-Dinitro-2-methylph...	15.575	198	5	0.112	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.333	149	886	0.054	ng	97

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

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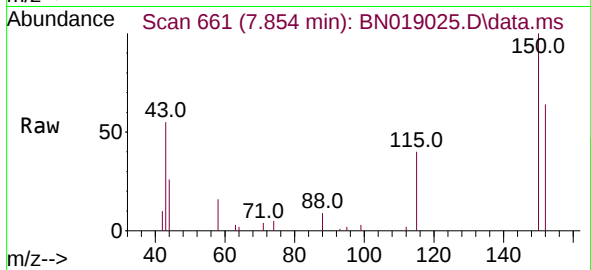
Quant Time: Mar 22 02:30:55 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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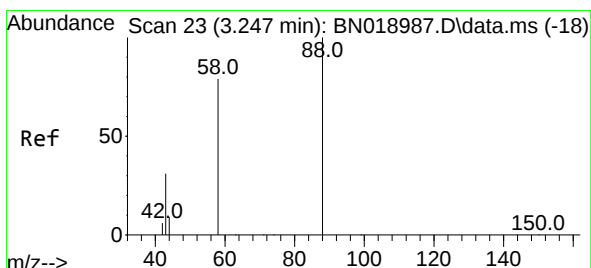
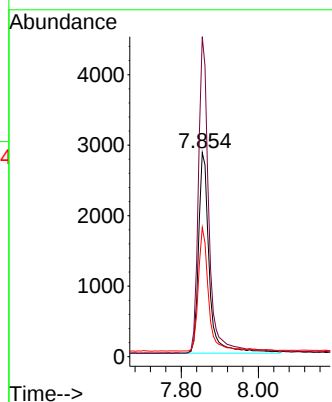
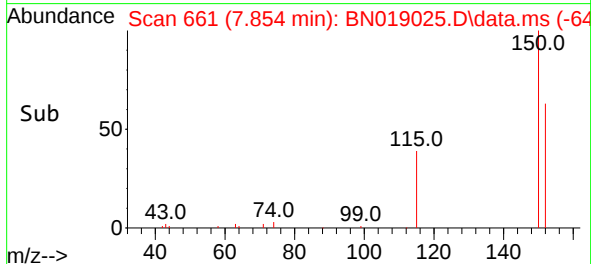


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.854 min Scan# 661
 Delta R.T. 0.000 min
 Lab File: BN019025.D
 Acq: 21 Mar 2022 16:42

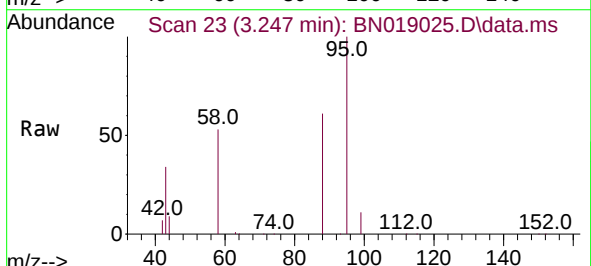
Instrument :
 BNA_N
 ClientSampleId :
 RE-132D6-20220315



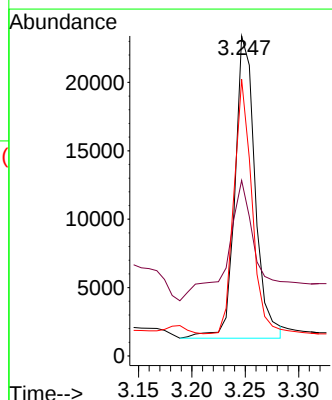
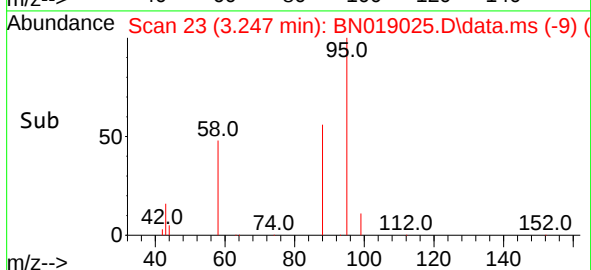
Tgt Ion:152 Resp: 5506
 Ion Ratio Lower Upper
 152 100
 150 156.9 123.9 185.9
 115 63.4 48.2 72.4



#2
 1,4-Dioxane
 Concen: 4.283 ng
 RT: 3.247 min Scan# 23
 Delta R.T. -0.000 min
 Lab File: BN019025.D
 Acq: 21 Mar 2022 16:42



Tgt Ion: 88 Resp: 29143
 Ion Ratio Lower Upper
 88 100
 43 54.7 24.6 37.0#
 58 74.6 65.4 98.2





#4

2-Fluorophenol

Concen: 0.109 ng

RT: 5.413 min Scan# 31

Delta R.T. 0.007 min

Lab File: BN019025.D

Acq: 21 Mar 2022 16:42

Instrument :

BNA_N

ClientSampleId :

RE-132D6-20220315

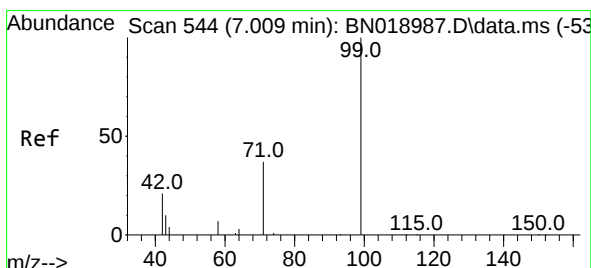
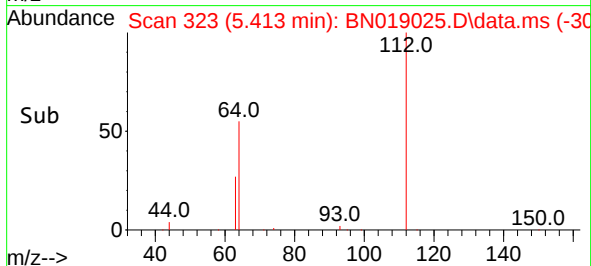
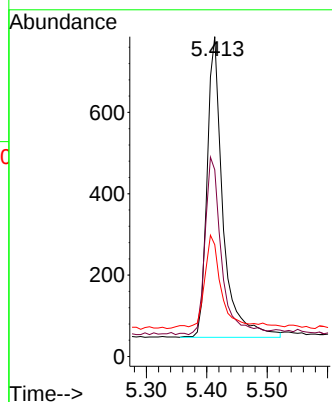
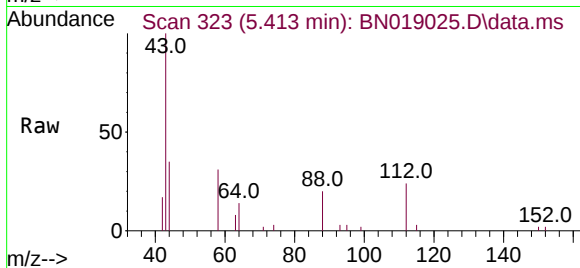
Tgt Ion:112 Resp: 1348

Ion Ratio Lower Upper

112 100

64 59.3 47.8 71.8

63 32.3 25.7 38.5



#5

Phenol-d6

Concen: 0.041 ng

RT: 7.024 min Scan# 546

Delta R.T. 0.014 min

Lab File: BN019025.D

Acq: 21 Mar 2022 16:42

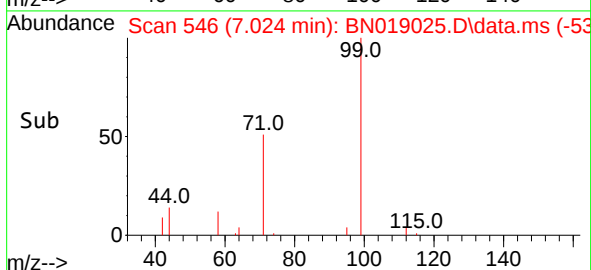
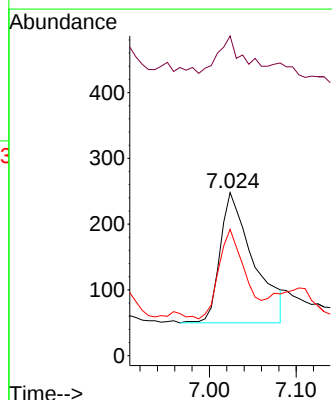
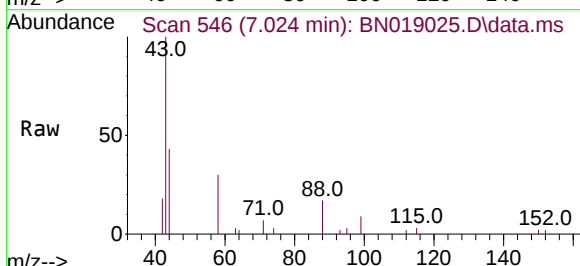
Tgt Ion: 99 Resp: 526

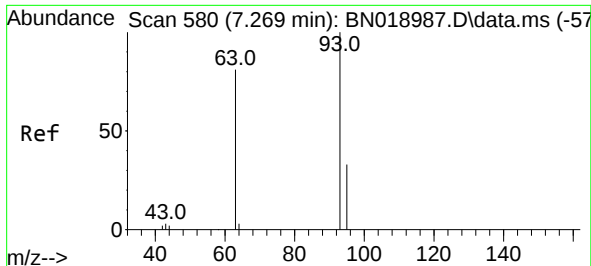
Ion Ratio Lower Upper

99 100

42 21.3 16.2 24.4

71 53.6 27.7 41.5#

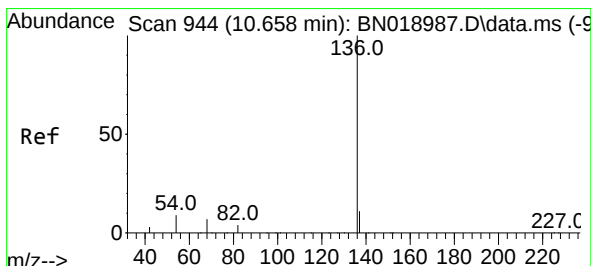
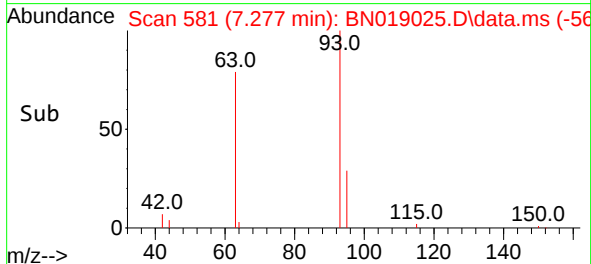
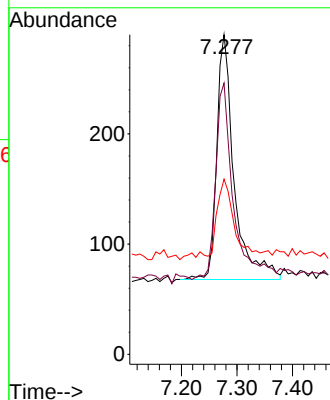
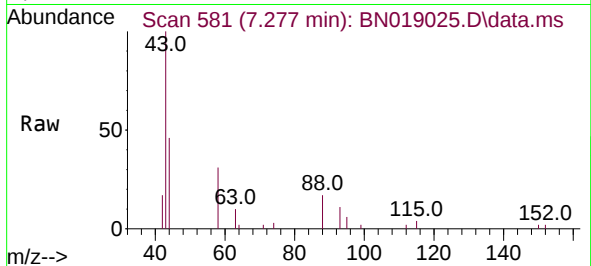




#6
bis(2-Chloroethyl)ether
Concen: 0.031 ng
RT: 7.277 min Scan# 580
Delta R.T. 0.007 min
Lab File: BN019025.D
Acq: 21 Mar 2022 16:42

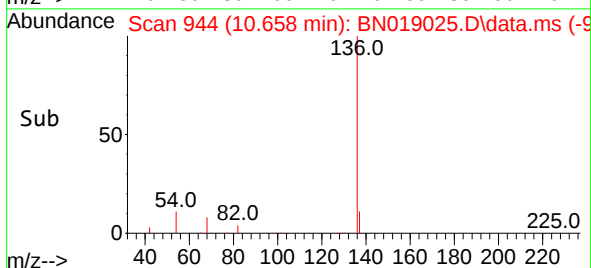
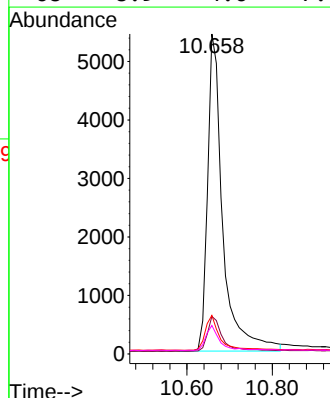
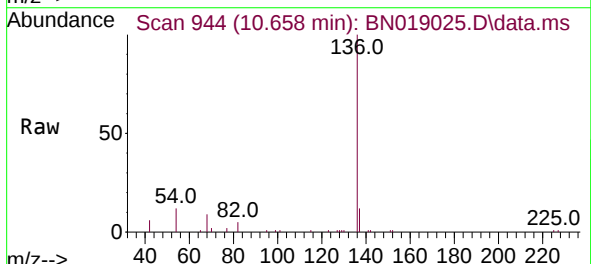
Instrument :
BNA_N
ClientSampleId :
RE-132D6-20220315

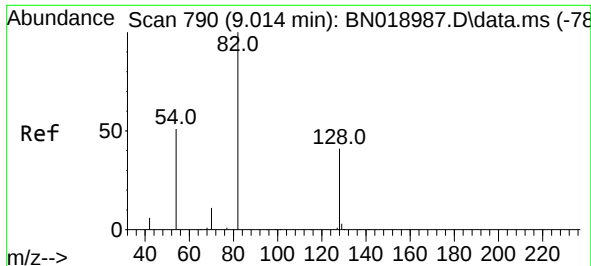
Tgt Ion: 93 Resp: 482
Ion Ratio Lower Upper
93 100
63 83.8 62.8 94.2
95 30.7 26.2 39.4



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.658 min Scan# 944
Delta R.T. -0.000 min
Lab File: BN019025.D
Acq: 21 Mar 2022 16:42

Tgt Ion: 136 Resp: 13376
Ion Ratio Lower Upper
136 100
137 11.7 9.0 13.4
54 12.1 5.8 8.6#
68 8.9 4.6 7.0#

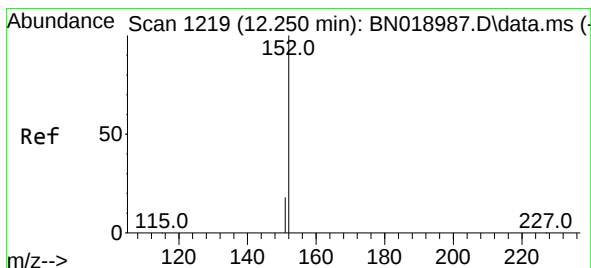
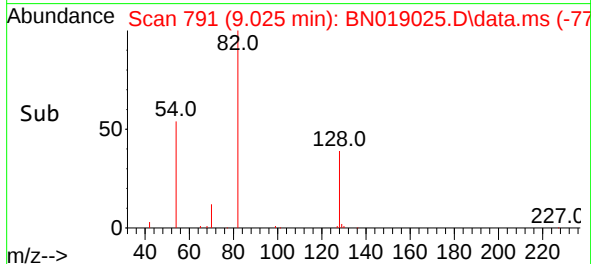
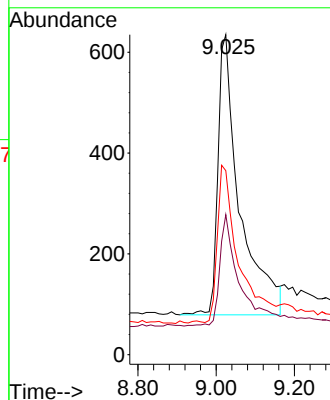
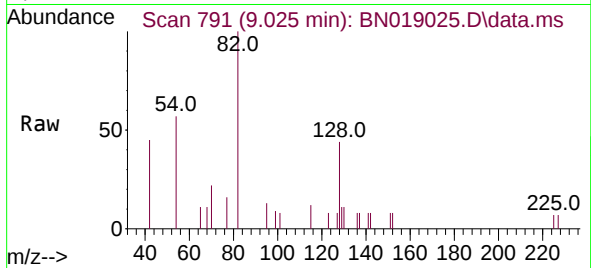




#8
 Nitrobenzene-d5
 Concen: 0.222 ng
 RT: 9.025 min Scan# 791
 Delta R.T. 0.011 min
 Lab File: BN019025.D
 Acq: 21 Mar 2022 16:42

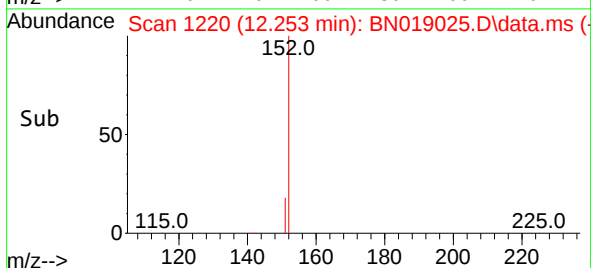
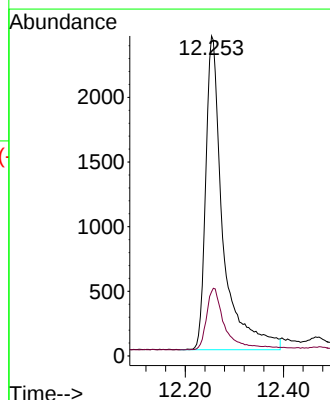
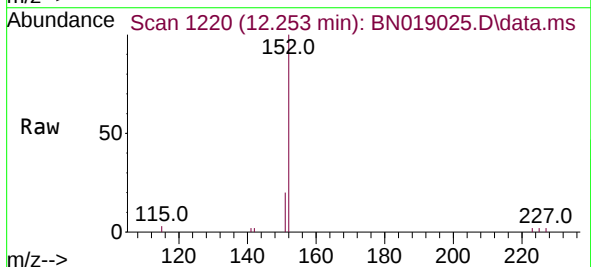
Instrument :
 BNA_N
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 RE-132D6-20220315

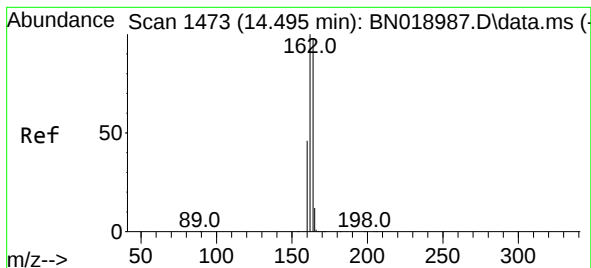
Tgt Ion: 82 Resp: 2137
 Ion Ratio Lower Upper
 82 100
 128 43.8 33.0 49.6
 54 57.5 42.5 63.7



#11
 2-Methylnaphthalene-d10
 Concen: 0.267 ng
 RT: 12.253 min Scan# 1220
 Delta R.T. 0.004 min
 Lab File: BN019025.D
 Acq: 21 Mar 2022 16:42

Tgt Ion: 152 Resp: 5926
 Ion Ratio Lower Upper
 152 100
 151 20.3 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: BN019025.D

Acq: 21 Mar 2022 16:42

Instrument :

BNA_N

ClientSampleId :

RE-132D6-20220315

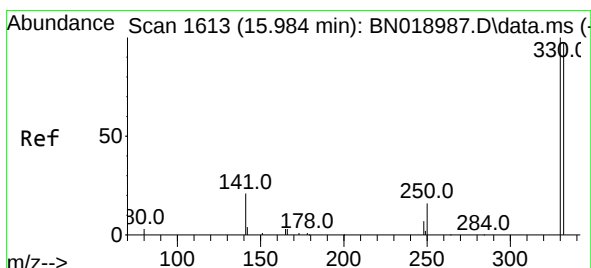
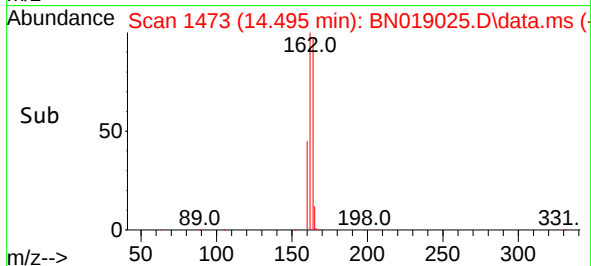
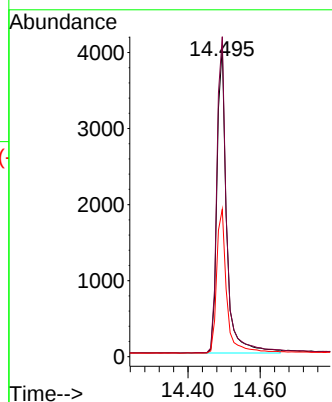
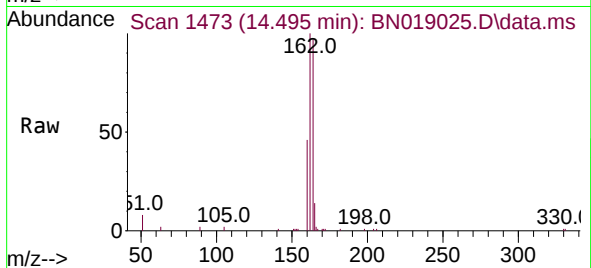
Tgt Ion:164 Resp: 7496

Ion Ratio Lower Upper

164 100

162 103.3 85.2 127.8

160 47.6 41.5 62.3



#14

2,4,6-Tribromophenol

Concen: 0.175 ng

RT: 15.984 min Scan# 1613

Delta R.T. -0.000 min

Lab File: BN019025.D

Acq: 21 Mar 2022 16:42

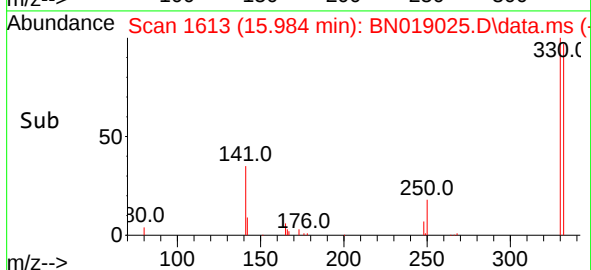
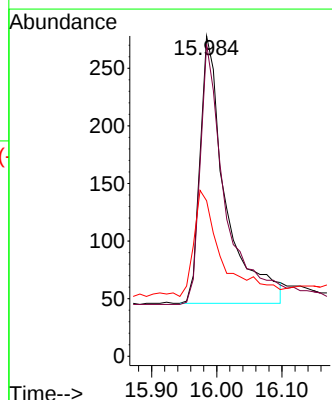
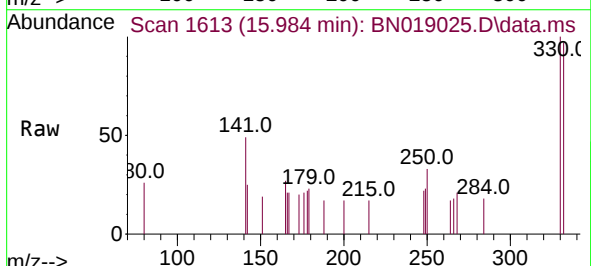
Tgt Ion:330 Resp: 632

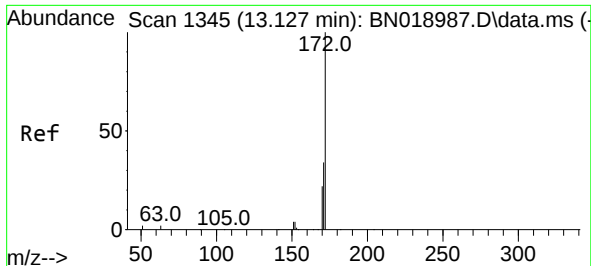
Ion Ratio Lower Upper

330 100

332 96.7 76.8 115.2

141 40.2 32.2 48.2

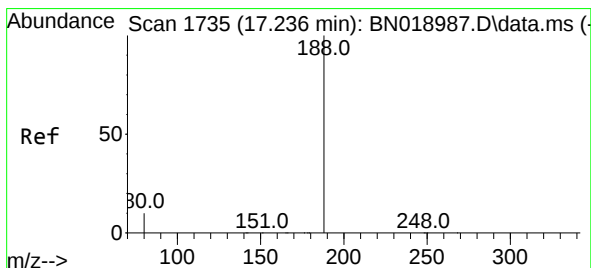
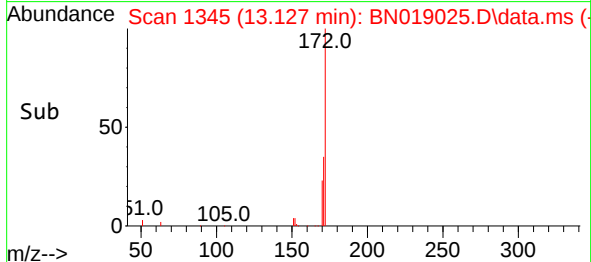
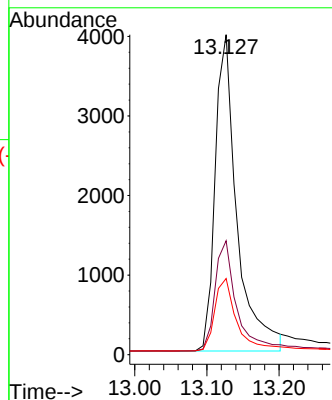
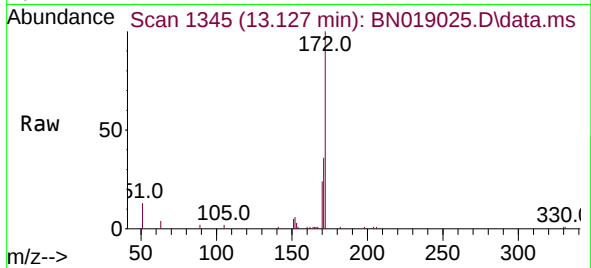




#15
2-Fluorobiphenyl
Concen: 0.278 ng
RT: 13.127 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN019025.D
Acq: 21 Mar 2022 16:42

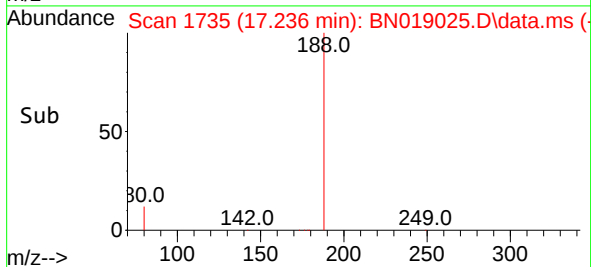
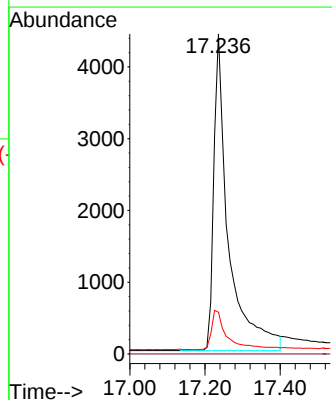
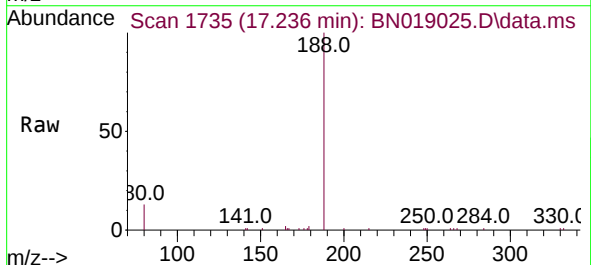
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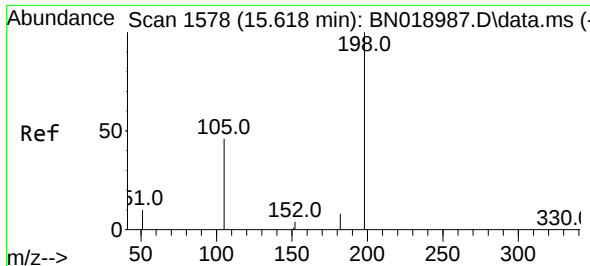
Tgt Ion:172 Resp: 8341
Ion Ratio Lower Upper
172 100
171 35.6 28.2 42.2
170 23.8 18.7 28.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.236 min Scan# 1735
Delta R.T. -0.000 min
Lab File: BN019025.D
Acq: 21 Mar 2022 16:42

Tgt Ion:188 Resp: 11972
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.0 11.8 17.8

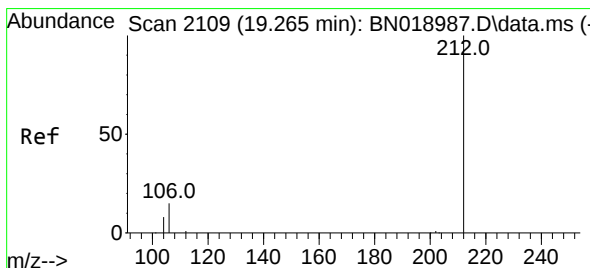
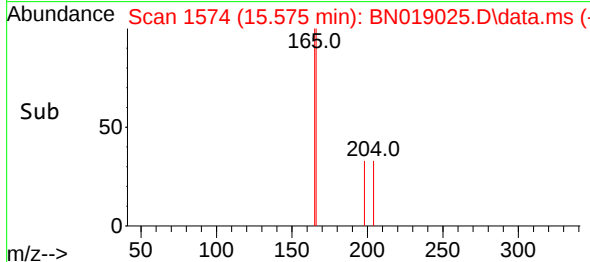
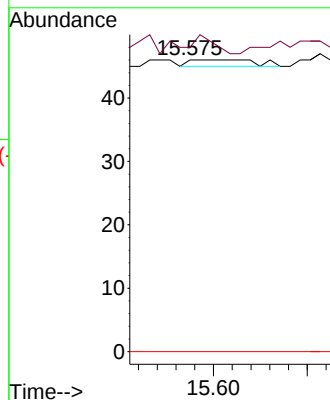
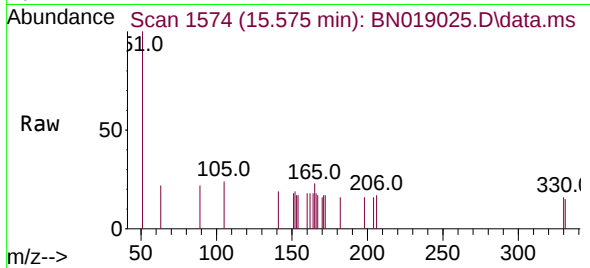




#20
4,6-Dinitro-2-methylphenol
Concen: 0.112 ng
RT: 15.575 min Scan# 11
Delta R.T. -0.043 min
Lab File: BN019025.D
Acq: 21 Mar 2022 16:42

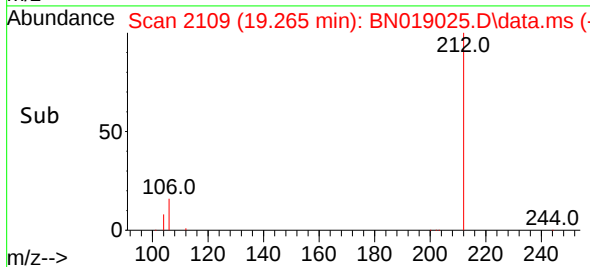
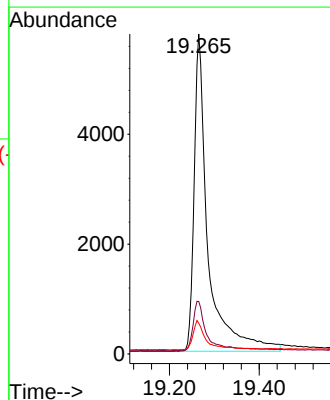
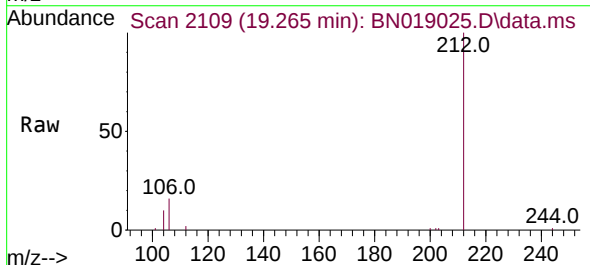
Instrument :
BNA_N
ClientSampleId :
RE-132D6-20220315

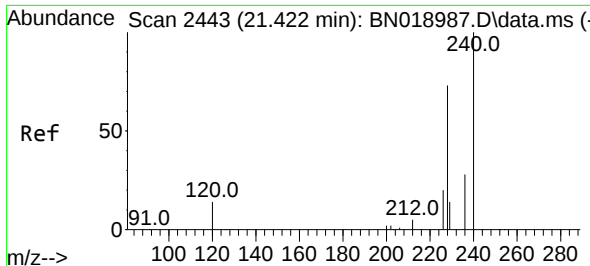
Tgt Ion:198 Resp: 5
Ion Ratio Lower Upper
198 100
182 104.3 13.0 19.4#
77 0.0 0.0 0.0



#27
Fluoranthene-d10
Concen: 0.348 ng
RT: 19.265 min Scan# 2109
Delta R.T. -0.000 min
Lab File: BN019025.D
Acq: 21 Mar 2022 16:42

Tgt Ion:212 Resp: 12372
Ion Ratio Lower Upper
212 100
106 14.1 12.7 19.1
104 8.4 7.1 10.7

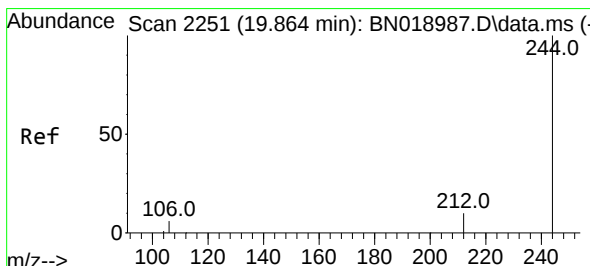
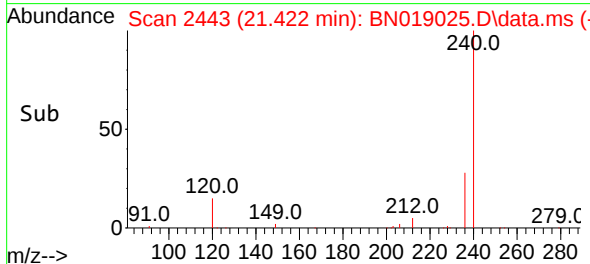
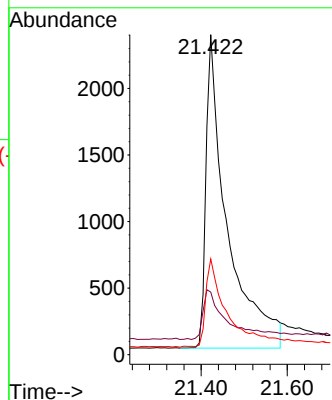
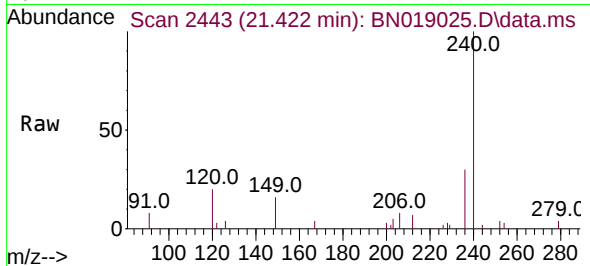




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.422 min Scan# 2443
Delta R.T. -0.000 min
Lab File: BN019025.D
Acq: 21 Mar 2022 16:42

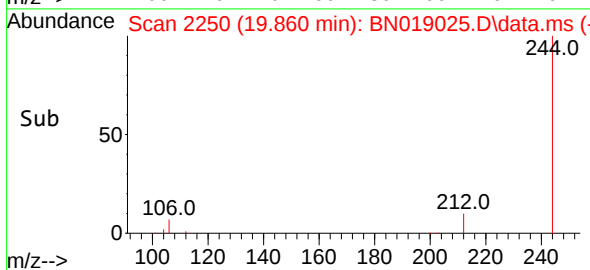
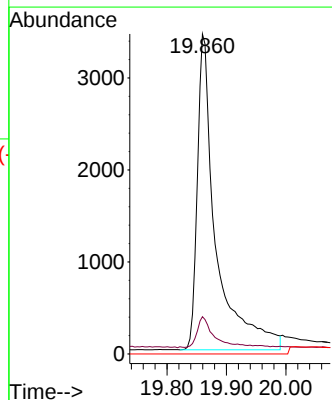
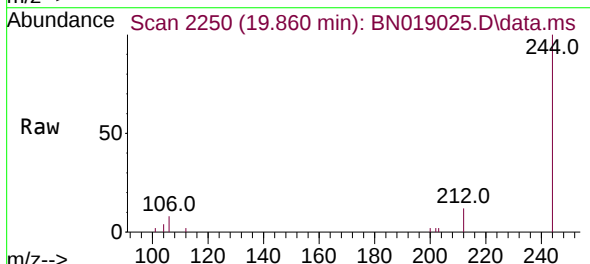
Instrument :
BNA_N
ClientSampleId :
RE-132D6-20220315

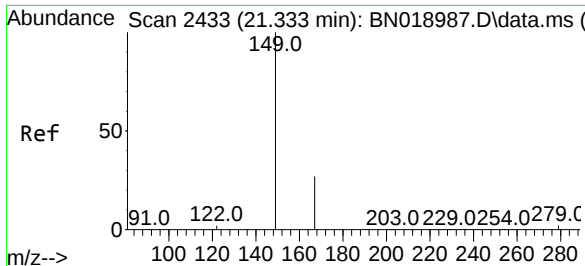
Tgt Ion:240 Resp: 8052
Ion Ratio Lower Upper
240 100
120 19.6 8.5 12.7#
236 29.9 22.4 33.6



#31
Terphenyl-d14
Concen: 0.377 ng
RT: 19.860 min Scan# 2250
Delta R.T. -0.004 min
Lab File: BN019025.D
Acq: 21 Mar 2022 16:42

Tgt Ion:244 Resp: 7454
Ion Ratio Lower Upper
244 100
212 11.7 8.2 12.4
122 0.0 0.0 0.0

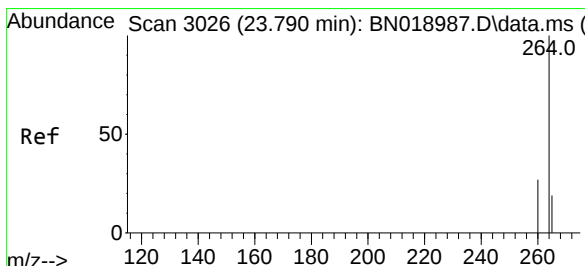
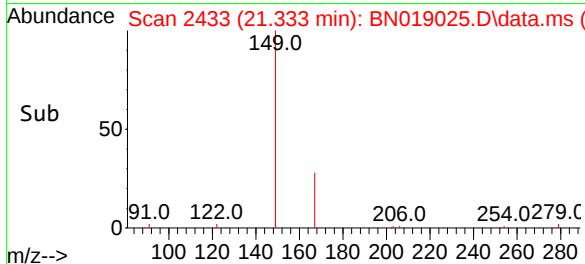
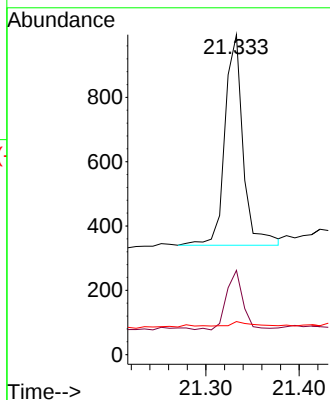
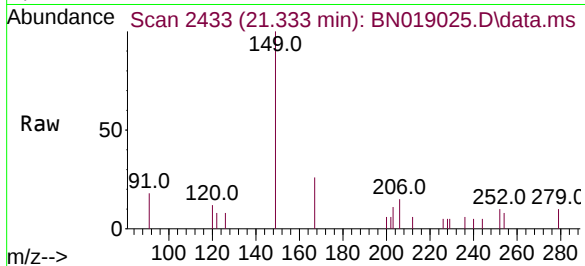




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.054 ng
 RT: 21.333 min Scan# 2433
 Delta R.T. -0.000 min
 Lab File: BN019025.D
 Acq: 21 Mar 2022 16:42

Instrument :
 BNA_N
 ClientSampleId :
 RE-132D6-20220315

Tgt Ion:	149	Resp:	886
Ion Ratio	Lower	Upper	
149	100		
167	25.4	21.8	32.8
279	2.4	2.0	3.0



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.790 min Scan# 3026
 Delta R.T. -0.000 min
 Lab File: BN019025.D
 Acq: 21 Mar 2022 16:42

Tgt Ion:	264	Resp:	6021
Ion Ratio	Lower	Upper	
264	100		
260	28.4	22.4	33.6
265	56.5	25.3	37.9

