

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081622\
 Data File : BN021270.D
 Acq On : 17 Aug 2022 01:54
 Operator : CG/JU
 Sample : N4171-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP-303-20220810

Quant Time: Aug 17 05:17:43 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN081622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 16 09:19:59 2022
 Response via : Initial Calibration

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

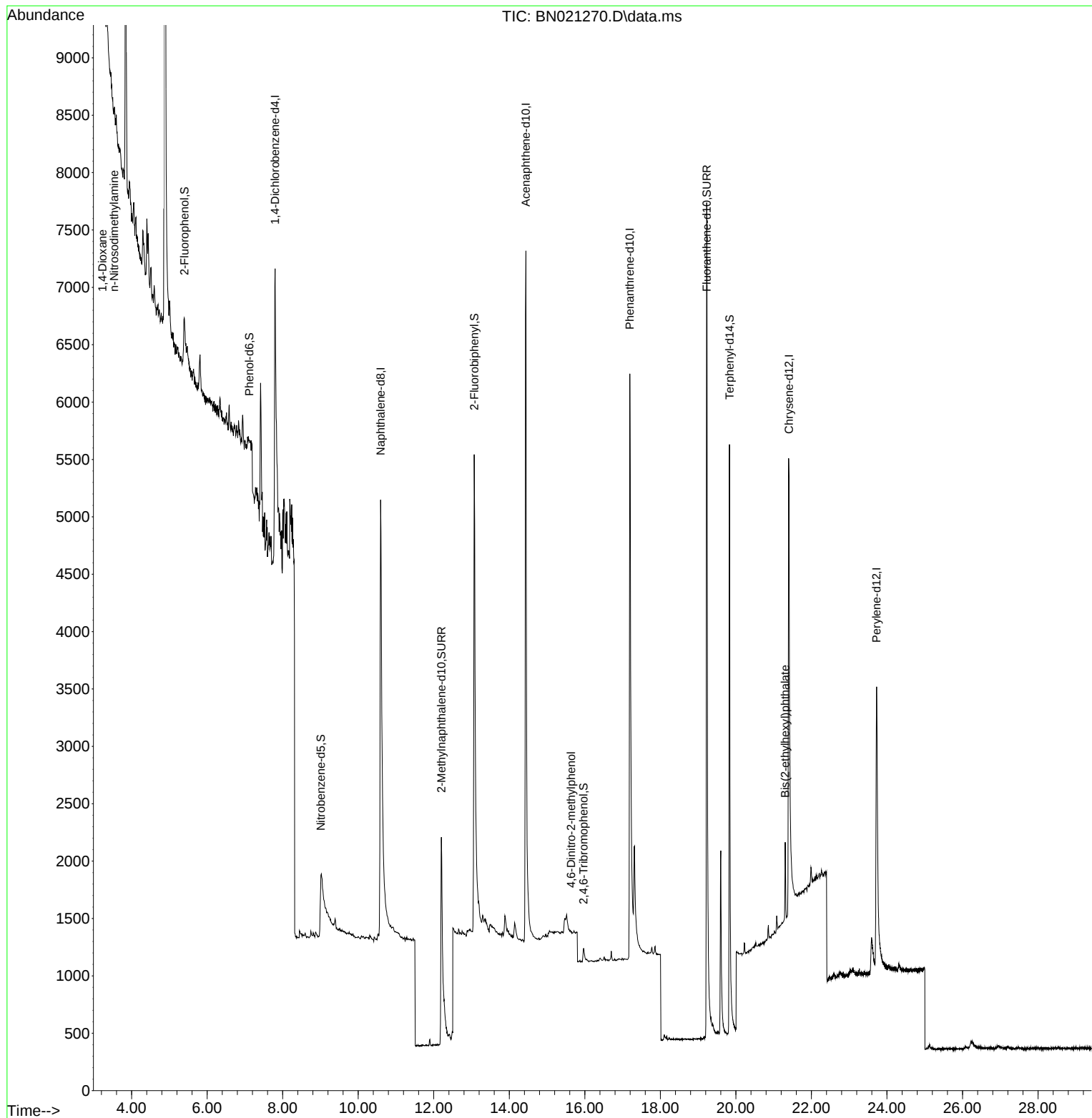
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	2716	0.400	ng	0.01
7) Naphthalene-d8	10.592	136	10385	0.400	ng	# 0.01
13) Acenaphthene-d10	14.439	164	5135	0.400	ng	0.01
19) Phenanthrene-d10	17.192	188	10995	0.400	ng	0.01
29) Chrysene-d12	21.404	240	6826	0.400	ng	0.02
35) Perylene-d12	23.726	264	5094	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.400	112	811	0.120	ng	0.02
5) Phenol-d6	7.112	99	187	0.024	ng	0.13
8) Nitrobenzene-d5	9.012	82	1403	0.276	ng	0.05
11) 2-Methylnaphthalene-d10	12.202	152	5268	0.291	ng	0.02
14) 2,4,6-Tribromophenol	15.962	330	111	0.066	ng	0.02
15) 2-Fluorobiphenyl	13.071	172	6184	0.303	ng	0.01
27) Fluoranthene-d10	19.227	212	11565	0.387	ng	0.00
31) Terphenyl-d14	19.830	244	7904	0.425	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.226	88	126	0.033	ng	# 13
3) n-Nitrosodimethylamine	3.537	42	38	0.222	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.637	198	1	0.254	ng	# 6
34) Bis(2-ethylhexyl)phtha...	21.305	149	695	0.046	ng	97

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081622\
Data File : BN021270.D
Acq On : 17 Aug 2022 01:54
Operator : CG/JU
Sample : N4171-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SP-303-20220810

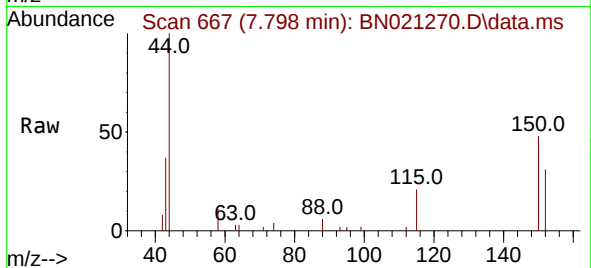
Quant Time: Aug 17 05:17:43 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN081622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 16 09:19:59 2022
Response via : Initial Calibration



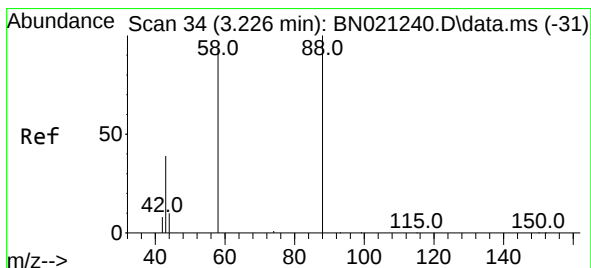
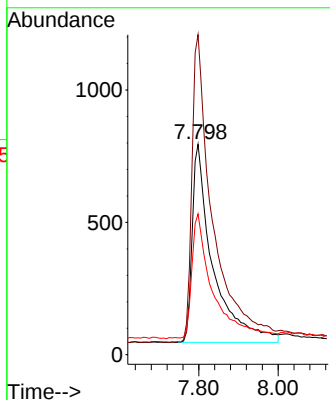
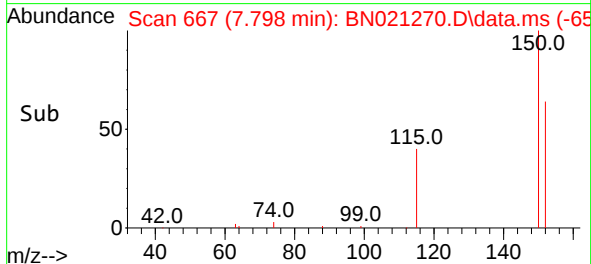


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.798 min Scan# 665
 Delta R.T. 0.015 min
 Lab File: BN021270.D
 Acq: 17 Aug 2022 01:54

Instrument :
 BNA_N
 ClientSampleId :
 SP-303-20220810

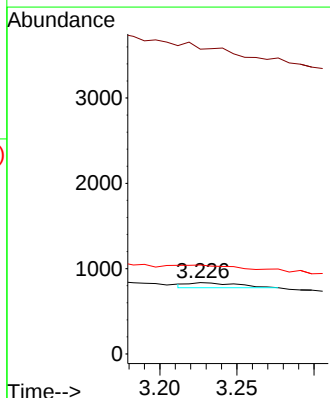
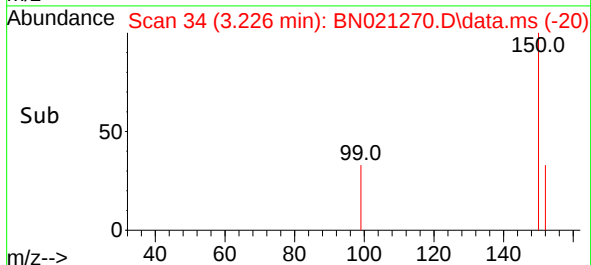
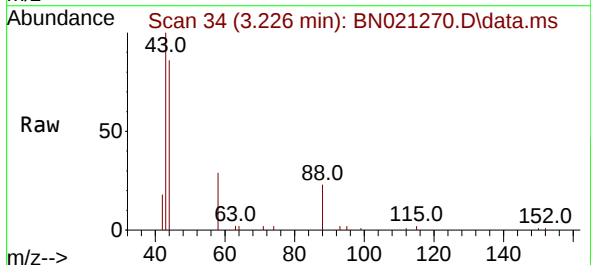


Tgt Ion:152 Resp: 2716
 Ion Ratio Lower Upper
 152 100
 150 152.1 123.1 184.7
 115 66.9 52.2 78.4



#2
 1,4-Dioxane
 Concen: 0.033 ng
 RT: 3.226 min Scan# 34
 Delta R.T. 0.000 min
 Lab File: BN021270.D
 Acq: 17 Aug 2022 01:54

Tgt Ion: 88 Resp: 126
 Ion Ratio Lower Upper
 88 100
 43 0.0 28.6 42.8#
 58 0.0 74.5 111.7#

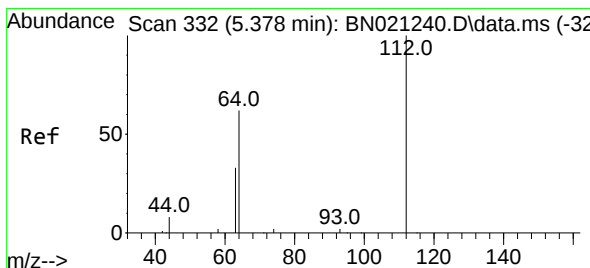
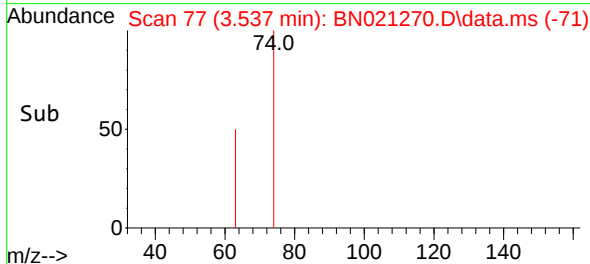
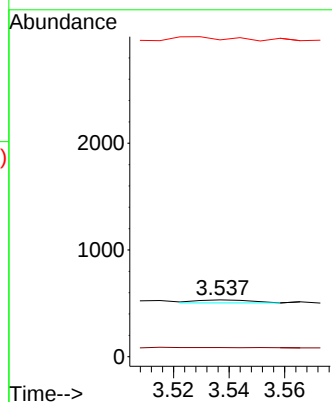
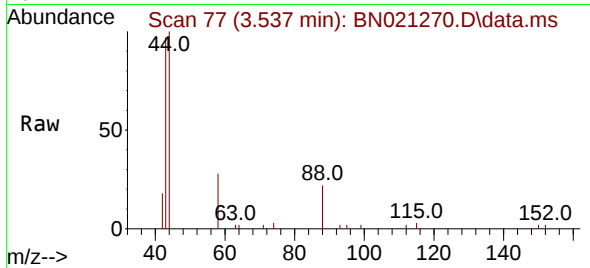




#3
n-Nitrosodimethylamine
Concen: 0.222 ng
RT: 3.537 min Scan# 71
Delta R.T. -0.057 min
Lab File: BN021270.D
Acq: 17 Aug 2022 01:54

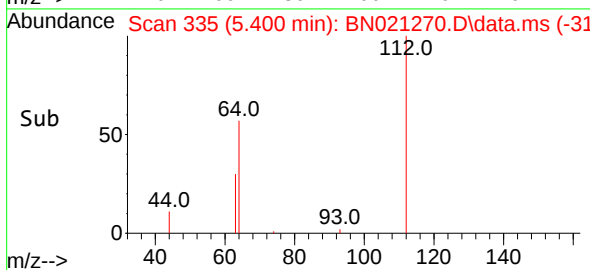
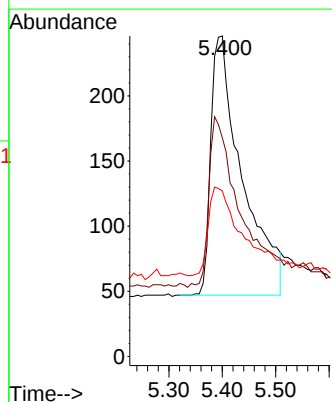
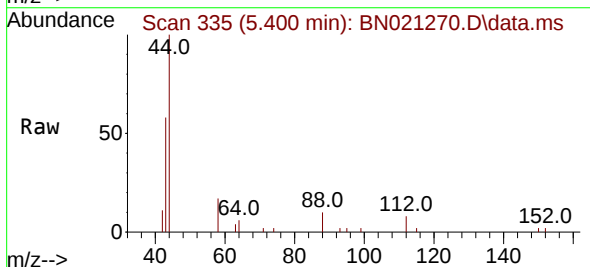
Instrument :
BNA_N
ClientSampleId :
SP-303-20220810

Tgt Ion: 42 Resp: 38
Ion Ratio Lower Upper
42 100
74 0.0 82.4 123.6#
44 402.6 2.7 4.1#



#4
2-Fluorophenol
Concen: 0.120 ng
RT: 5.400 min Scan# 335
Delta R.T. 0.022 min
Lab File: BN021270.D
Acq: 17 Aug 2022 01:54

Tgt Ion: 112 Resp: 811
Ion Ratio Lower Upper
112 100
64 66.1 52.0 78.0
63 36.9 27.5 41.3

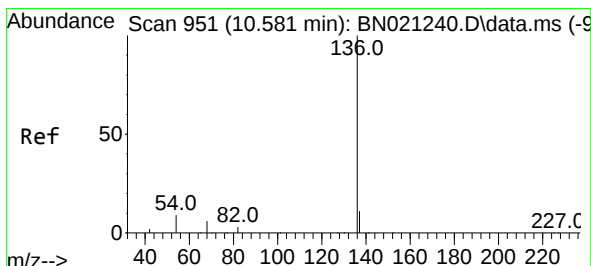
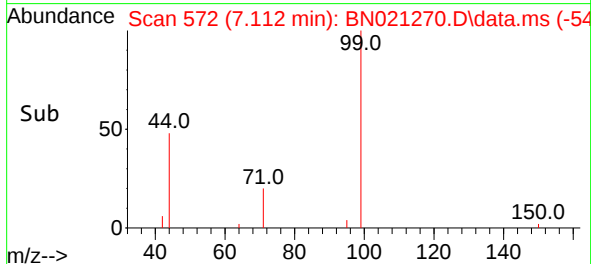
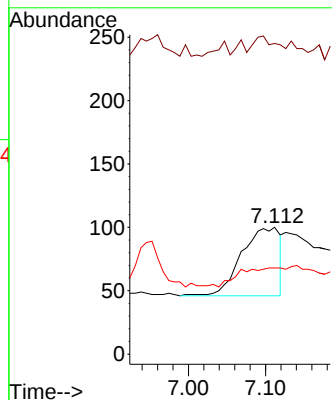
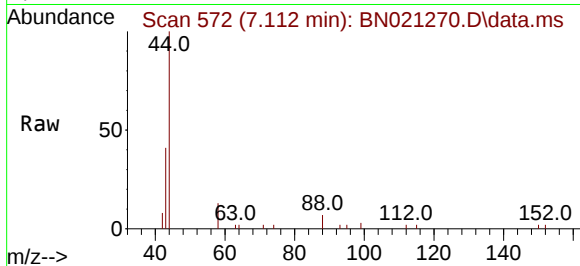




#5
Phenol-d6
Concen: 0.024 ng
RT: 7.112 min Scan# 51
Delta R.T. 0.130 min
Lab File: BN021270.D
Acq: 17 Aug 2022 01:54

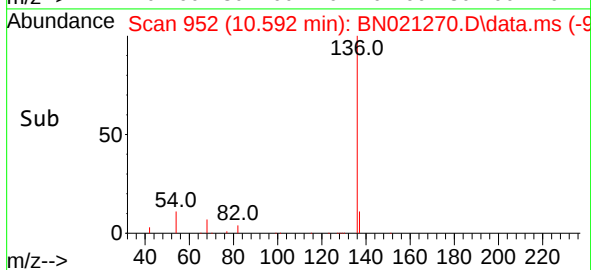
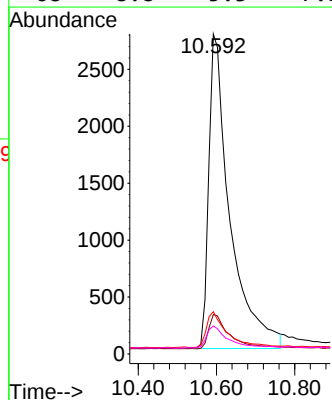
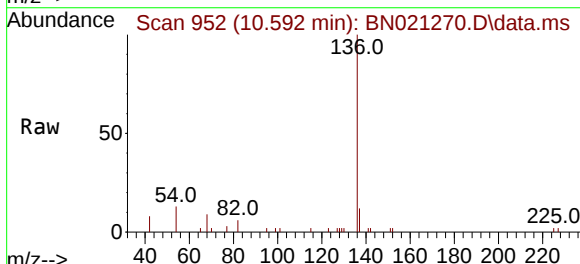
Instrument :
BNA_N
ClientSampleId :
SP-303-20220810

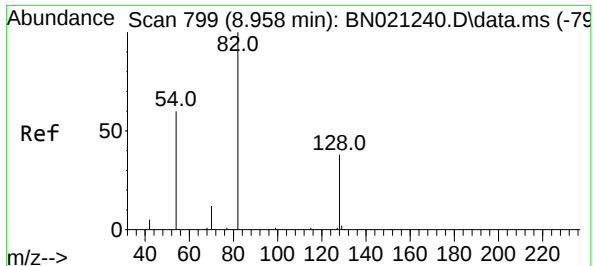
Tgt Ion: 99 Resp: 187
Ion Ratio Lower Upper
99 100
42 11.8 19.1 28.7#
71 9.1 28.9 43.3#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.592 min Scan# 952
Delta R.T. 0.011 min
Lab File: BN021270.D
Acq: 17 Aug 2022 01:54

Tgt Ion: 136 Resp: 10385
Ion Ratio Lower Upper
136 100
137 12.3 9.6 14.4
54 13.2 8.2 12.2#
68 8.8 5.3 7.9#

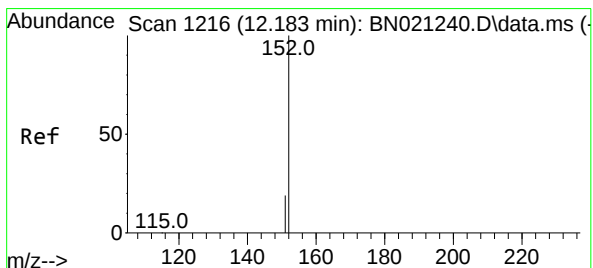
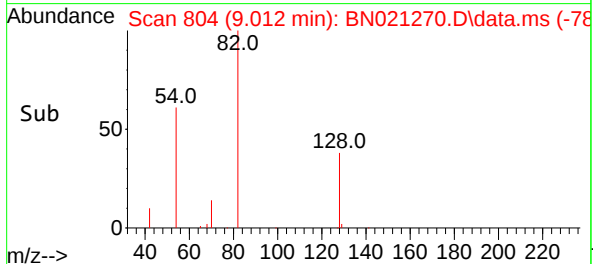
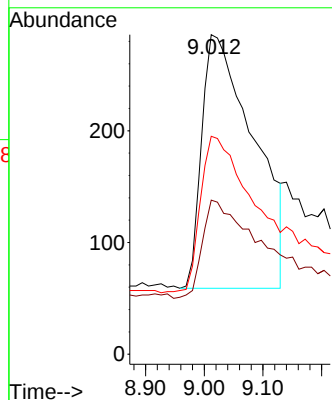
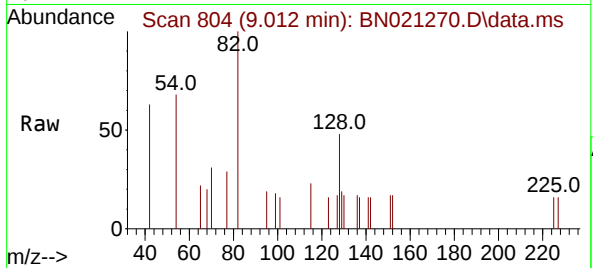




#8
Nitrobenzene-d5
Concen: 0.276 ng
RT: 9.012 min Scan# 804
Delta R.T. 0.054 min
Lab File: BN021270.D
Acq: 17 Aug 2022 01:54

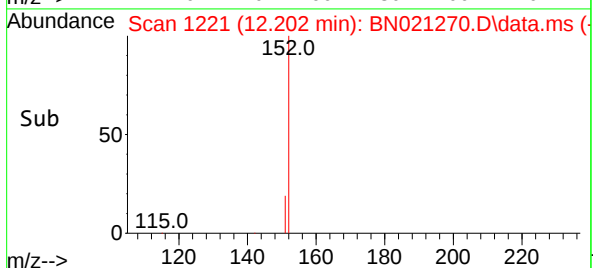
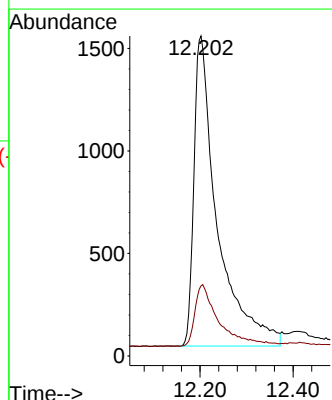
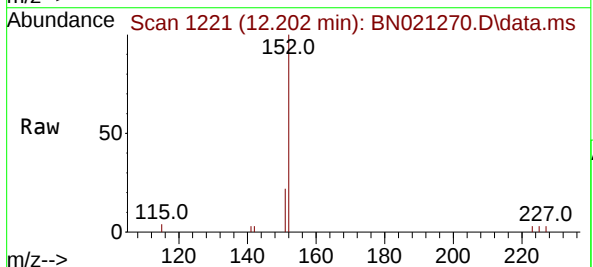
Instrument :
BNA_N
ClientSampleId :
SP-303-20220810

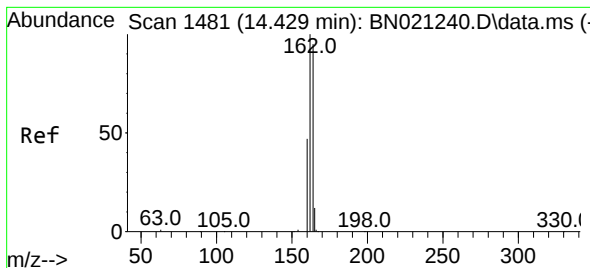
Tgt Ion: 82 Resp: 1403
Ion Ratio Lower Upper
82 100
128 48.3 33.6 50.4
54 68.2 50.2 75.2



#11
2-Methylnaphthalene-d10
Concen: 0.291 ng
RT: 12.202 min Scan# 1221
Delta R.T. 0.019 min
Lab File: BN021270.D
Acq: 17 Aug 2022 01:54

Tgt Ion: 152 Resp: 5268
Ion Ratio Lower Upper
152 100
151 20.1 15.8 23.8





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.439 min Scan# 1481

Delta R.T. 0.011 min

Lab File: BN021270.D

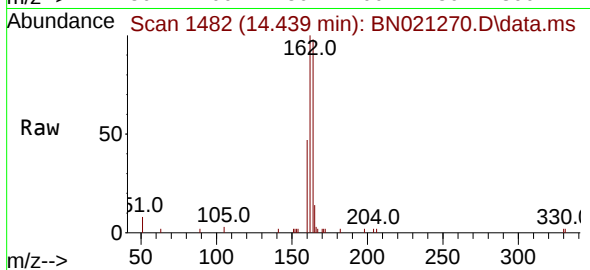
Acq: 17 Aug 2022 01:54

Instrument :

BNA_N

ClientSampleId :

SP-303-20220810



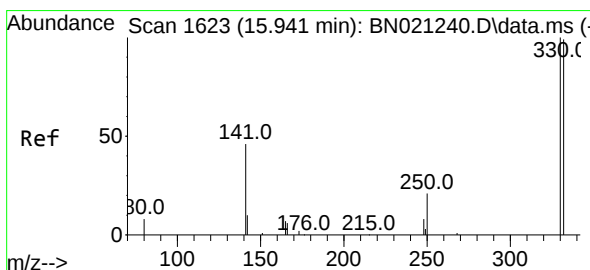
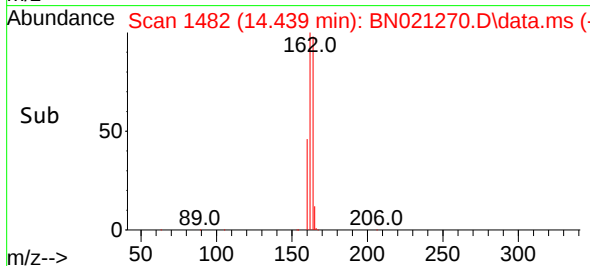
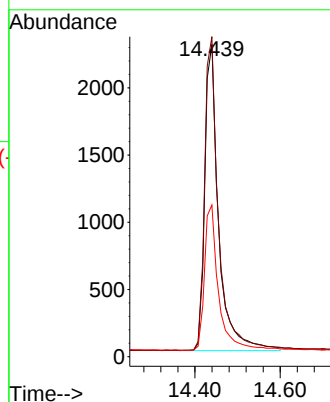
Tgt Ion:164 Resp: 5135

Ion Ratio Lower Upper

164 100

162 102.5 83.8 125.6

160 48.6 39.8 59.6



#14

2,4,6-Tribromophenol

Concen: 0.066 ng

RT: 15.962 min Scan# 1625

Delta R.T. 0.021 min

Lab File: BN021270.D

Acq: 17 Aug 2022 01:54

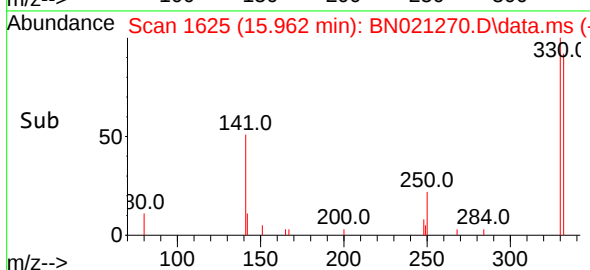
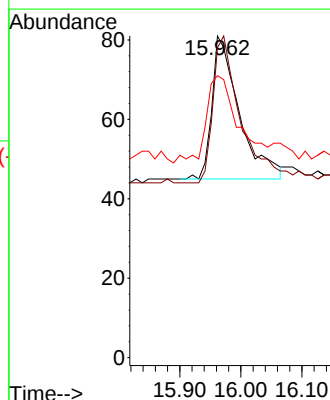
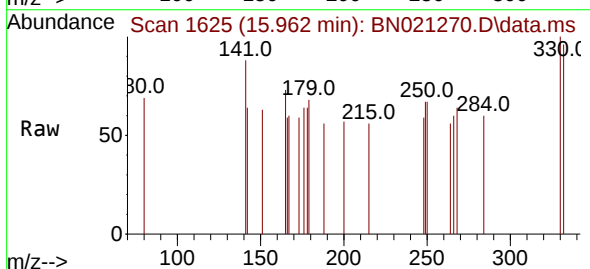
Tgt Ion:330 Resp: 111

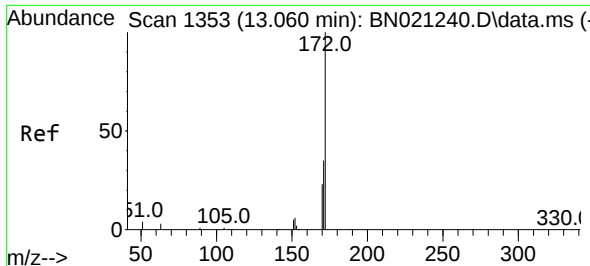
Ion Ratio Lower Upper

330 100

332 103.6 78.1 117.1

141 73.0 45.4 68.0#

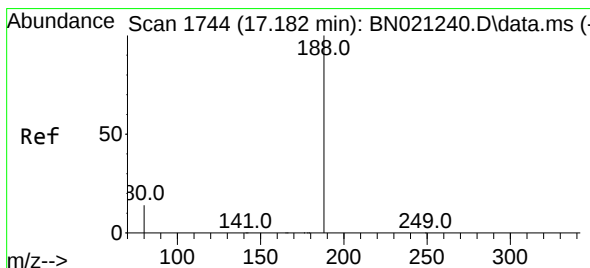
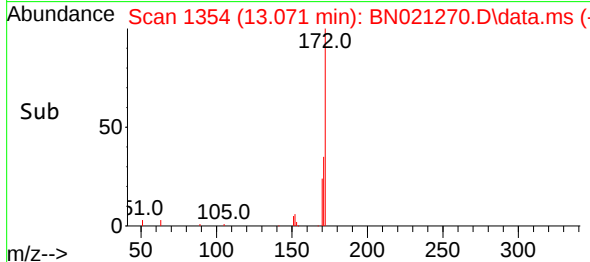
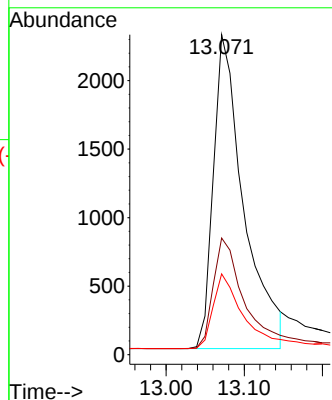
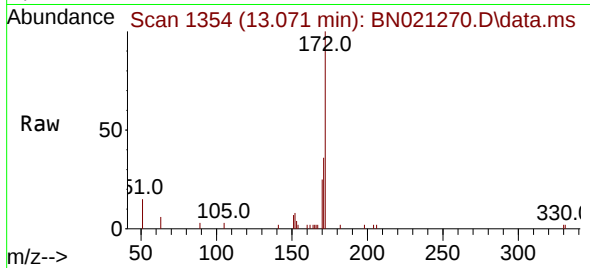




#15
2-Fluorobiphenyl
Concen: 0.303 ng
RT: 13.071 min Scan# 11
Delta R.T. 0.011 min
Lab File: BN021270.D
Acq: 17 Aug 2022 01:54

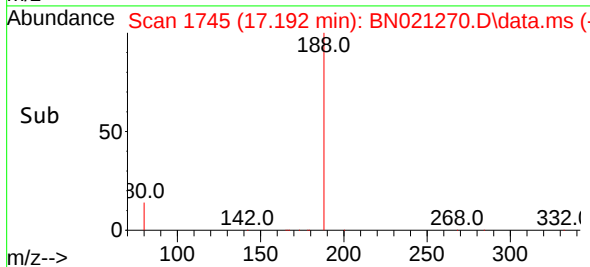
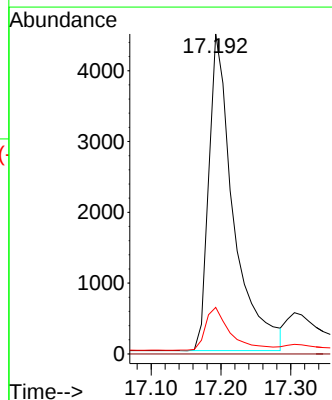
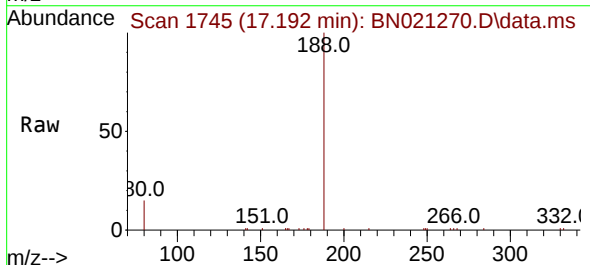
Instrument :
BNA_N
ClientSampleId :
SP-303-20220810

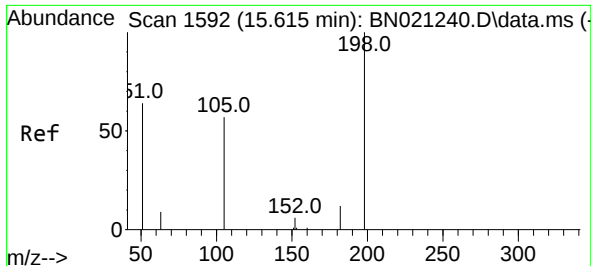
Tgt Ion:	172	Resp:	6184
Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.4	42.6
170	25.3	19.0	28.6



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.192 min Scan# 1745
Delta R.T. 0.010 min
Lab File: BN021270.D
Acq: 17 Aug 2022 01:54

Tgt Ion:	188	Resp:	10995
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.6	11.8	17.6





#20

4,6-Dinitro-2-methylphenol

Concen: 0.254 ng

RT: 15.637 min Scan# 1

Delta R.T. 0.022 min

Lab File: BN021270.D

Acq: 17 Aug 2022 01:54

Instrument :

BNA_N

ClientSampleId :

SP-303-20220810

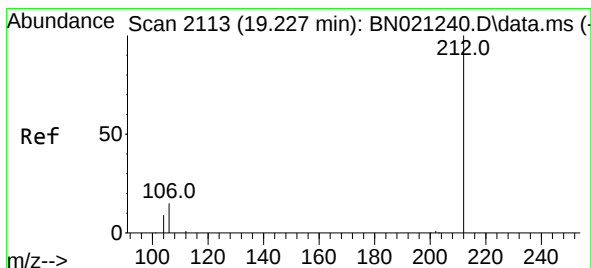
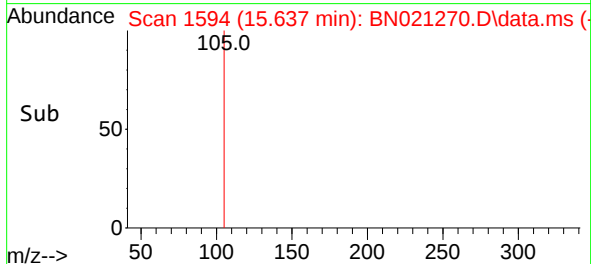
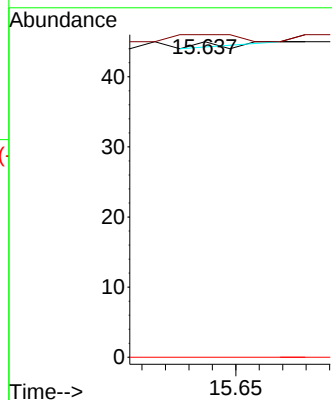
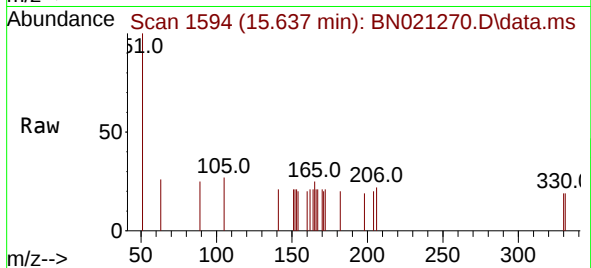
Tgt Ion:198 Resp: 1

Ion Ratio Lower Upper

198 100

182 102.2 33.9 50.9#

77 0.0 0.0 0.0



#27

Fluoranthene-d10

Concen: 0.387 ng

RT: 19.227 min Scan# 2113

Delta R.T. 0.000 min

Lab File: BN021270.D

Acq: 17 Aug 2022 01:54

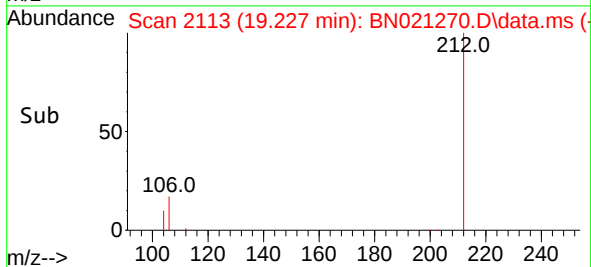
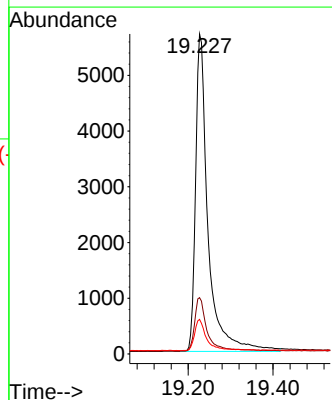
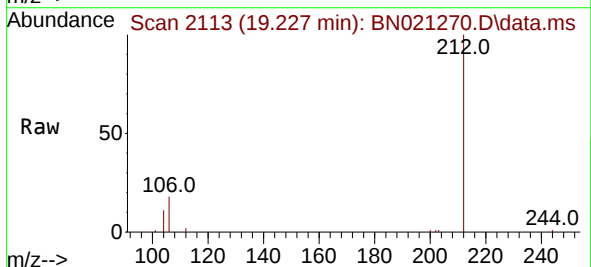
Tgt Ion:212 Resp: 11565

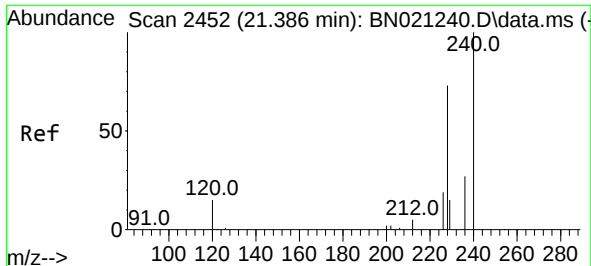
Ion Ratio Lower Upper

212 100

106 17.0 12.6 18.8

104 9.6 7.2 10.8

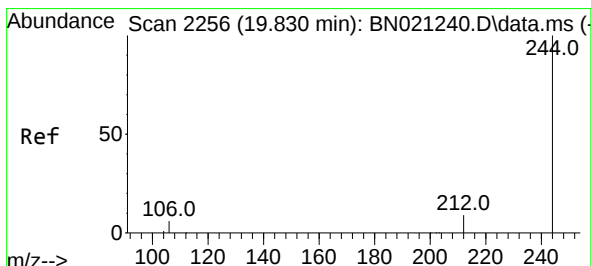
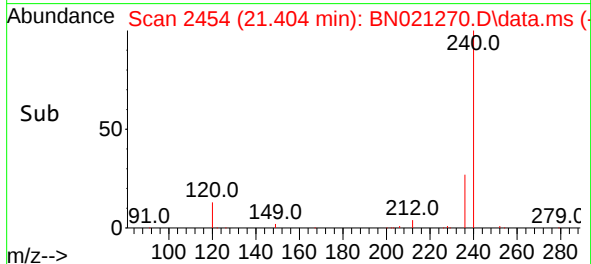
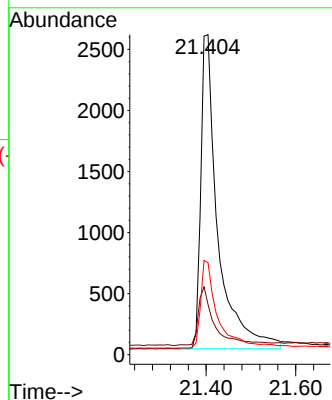
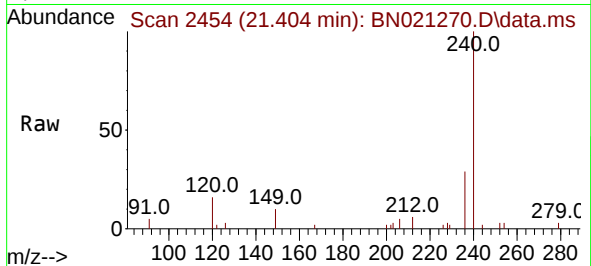




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.404 min Scan# 2454
Delta R.T. 0.018 min
Lab File: BN021270.D
Acq: 17 Aug 2022 01:54

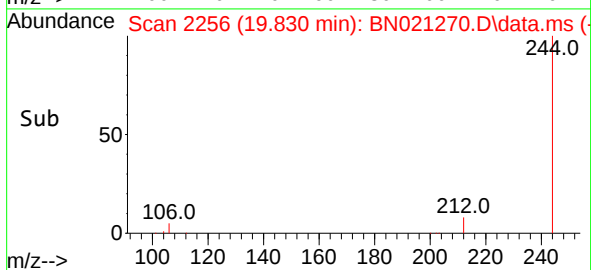
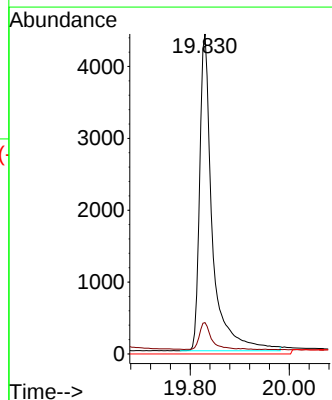
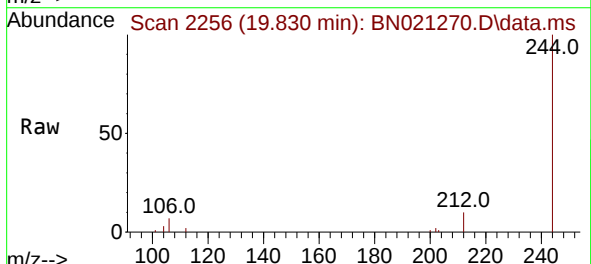
Instrument :
BNA_N
ClientSampleId :
SP-303-20220810

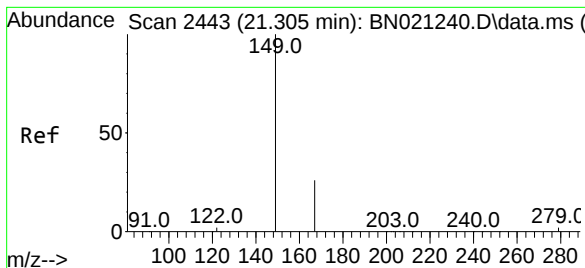
Tgt Ion:240 Resp: 6826
Ion Ratio Lower Upper
240 100
120 15.7 13.4 20.2
236 28.7 22.6 33.8



#31
Terphenyl-d14
Concen: 0.425 ng
RT: 19.830 min Scan# 2256
Delta R.T. 0.000 min
Lab File: BN021270.D
Acq: 17 Aug 2022 01:54

Tgt Ion:244 Resp: 7904
Ion Ratio Lower Upper
244 100
212 9.8 8.3 12.5
122 0.0 0.0 0.0

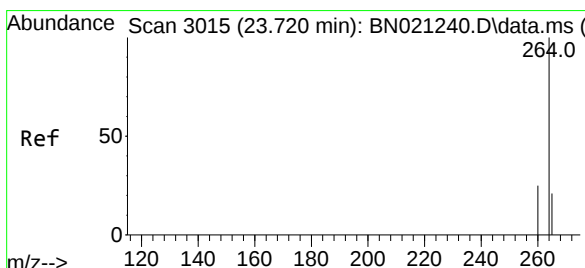
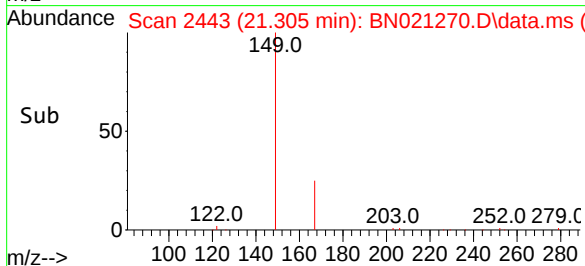
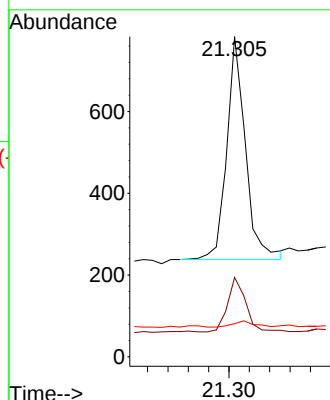
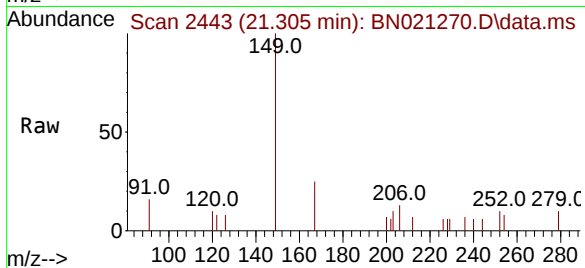




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.046 ng
 RT: 21.305 min Scan# 2443
 Delta R.T. 0.000 min
 Lab File: BN021270.D
 Acq: 17 Aug 2022 01:54

Instrument :
 BNA_N
 ClientSampleId :
 SP-303-20220810

Tgt Ion:	149	Resp:	695
Ion Ratio	Lower	Upper	
149	100		
167	23.9	20.6	31.0
279	2.9	2.4	3.6



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.726 min Scan# 3017
 Delta R.T. 0.006 min
 Lab File: BN021270.D
 Acq: 17 Aug 2022 01:54

Tgt Ion:	264	Resp:	5094
Ion Ratio	Lower	Upper	
264	100		
260	27.4	21.4	32.2
265	46.4	34.3	51.5

