

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122624\
 Data File : BN035847.D
 Acq On : 26 Dec 2024 11:20
 Operator : RC/JU
 Sample : P5376-15
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT162S1-20241219

Quant Time: Dec 27 00:40:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 19 23:06:19 2024
 Response via : Initial Calibration

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

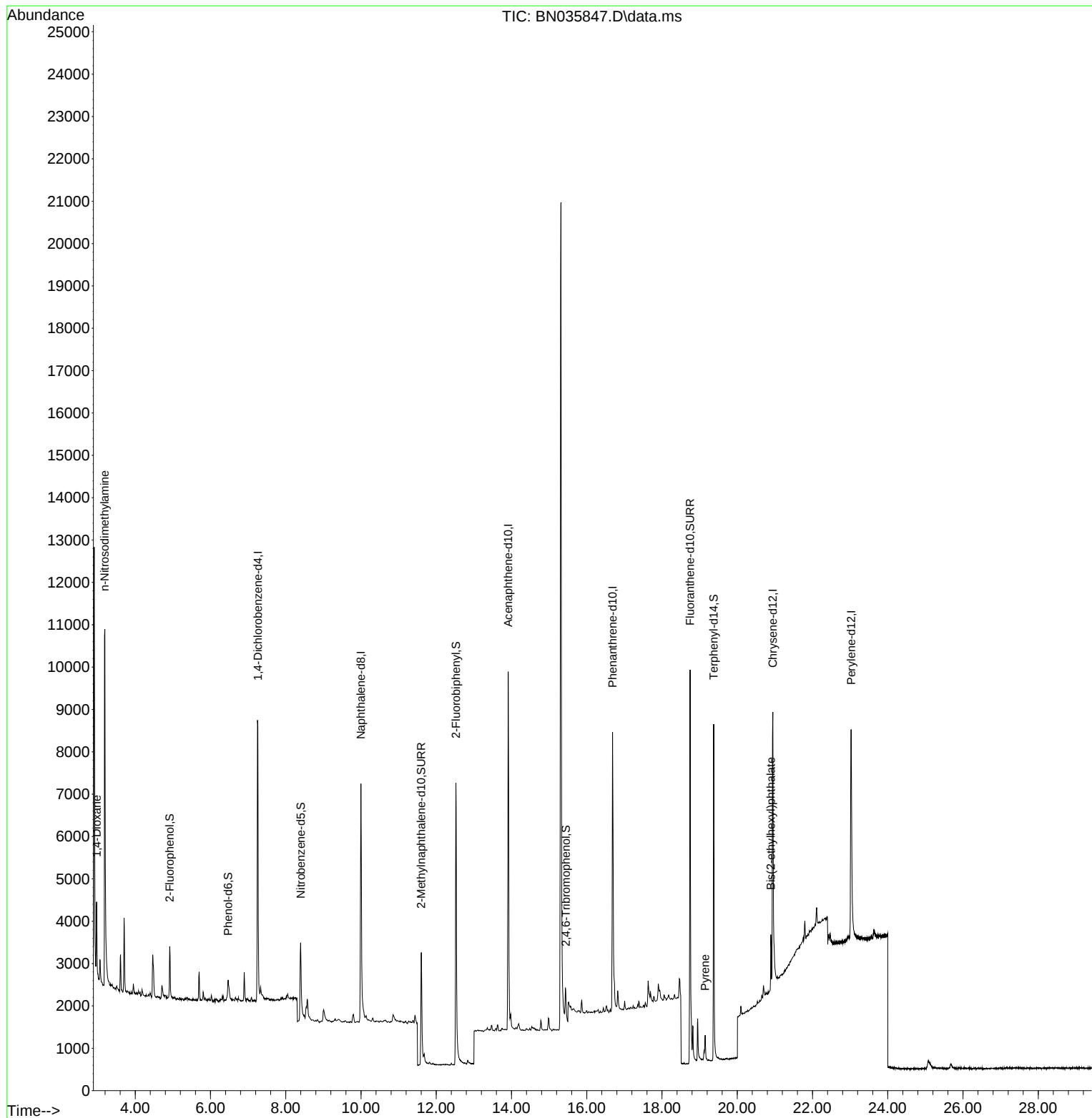
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.257	152	3703	0.400	ng	-0.01
7) Naphthalene-d8	9.999	136	8876	0.400	ng	#-0.02
13) Acenaphthene-d10	13.914	164	5154	0.400	ng	-0.02
19) Phenanthrene-d10	16.686	188	10596	0.400	ng	#-0.01
29) Chrysene-d12	20.947	240	8138	0.400	ng	0.00
35) Perylene-d12	23.026	264	8007	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	4.917	112	1078	0.116	ng	-0.02
5) Phenol-d6	6.470	99	611	0.055	ng	-0.02
8) Nitrobenzene-d5	8.397	82	3163	0.583	ng	-0.01
11) 2-Methylnaphthalene-d10	11.600	152	4895	0.352	ng	-0.02
14) 2,4,6-Tribromophenol	15.443	330	808	0.221	ng	-0.01
15) 2-Fluorobiphenyl	12.523	172	7648	0.393	ng	-0.02
27) Fluoranthene-d10	18.747	212	11741	0.391	ng	-0.01
31) Terphenyl-d14	19.375	244	8616	0.537	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.974	88	1214	0.343	ng	98
3) n-Nitrosodimethylamine	3.184	42	1981	0.672	ng	# 1
30) Pyrene	19.147	202	618	0.021	ng	97
34) Bis(2-ethylhexyl)phtha...	20.893	149	1284	0.114	ng	# 96

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122624\
Data File : BN035847.D
Acq On : 26 Dec 2024 11:20
Operator : RC/JU
Sample : P5376-15
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
TT162S1-20241219

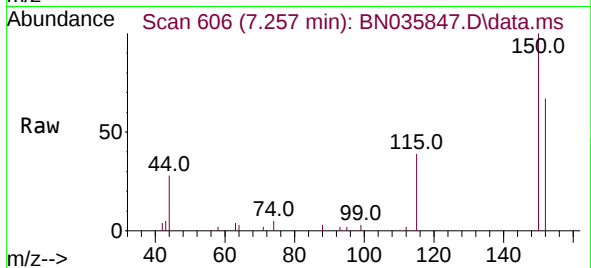
Quant Time: Dec 27 00:40:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 19 23:06:19 2024
Response via : Initial Calibration





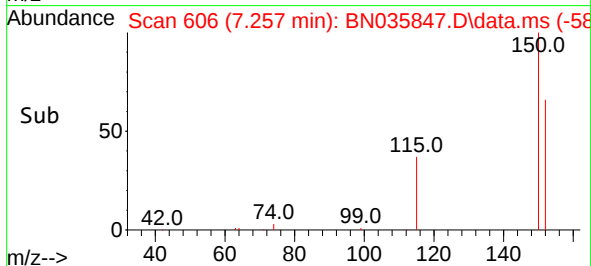
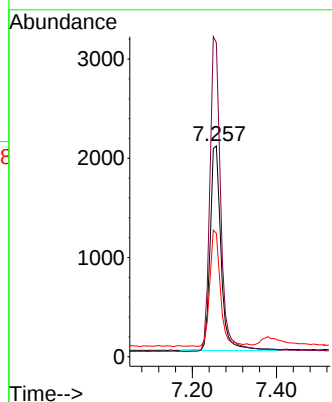
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.257 min Scan# 60
 Delta R.T. -0.015 min
 Lab File: BN035847.D
 Acq: 26 Dec 2024 11:20

Instrument :
 BNA_N
 ClientSampleId :
 TT162S1-20241219



Tgt Ion:152 Resp: 3703

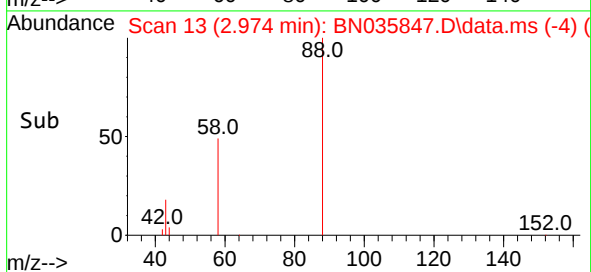
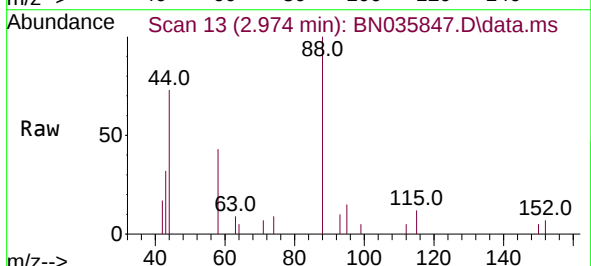
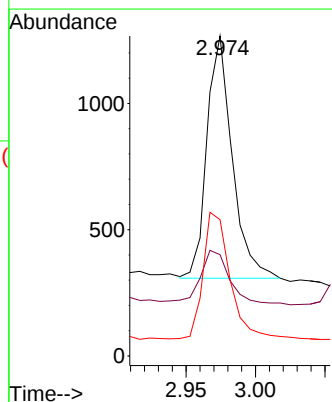
Ion	Ratio	Lower	Upper
152	100		
150	148.9	124.0	186.0
115	58.5	49.6	74.4



#2
 1,4-Dioxane
 Concen: 0.343 ng
 RT: 2.974 min Scan# 13
 Delta R.T. -0.008 min
 Lab File: BN035847.D
 Acq: 26 Dec 2024 11:20

Tgt Ion: 88 Resp: 1214

Ion	Ratio	Lower	Upper
88	100		
43	24.0	17.2	25.8
58	55.2	44.5	66.7

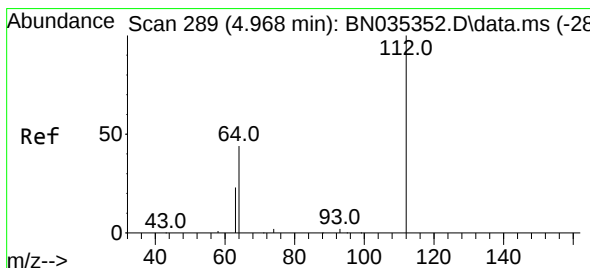
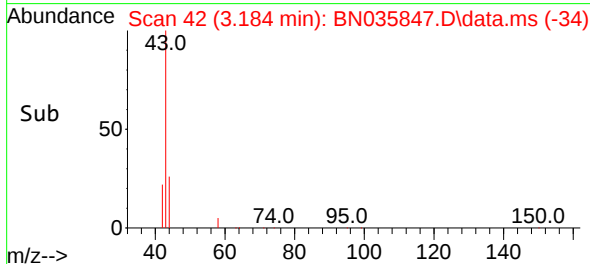
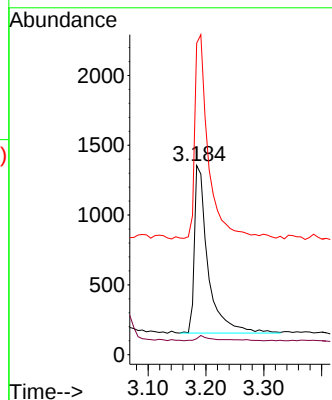
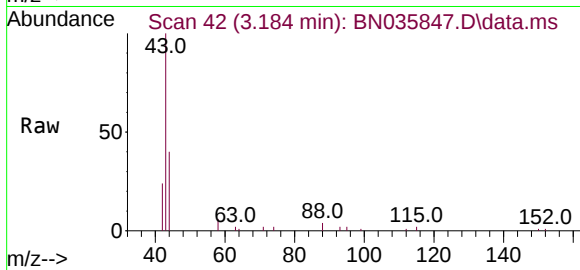




#3
 n-Nitrosodimethylamine
 Concen: 0.672 ng
 RT: 3.184 min Scan# 41
 Delta R.T. -0.094 min
 Lab File: BN035847.D
 Acq: 26 Dec 2024 11:20

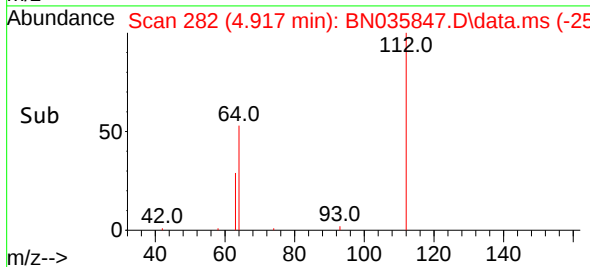
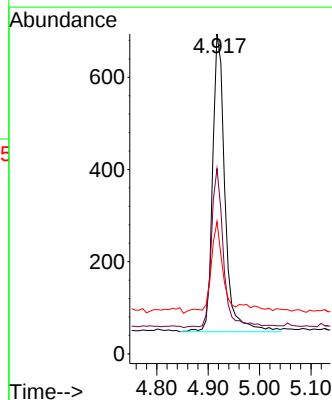
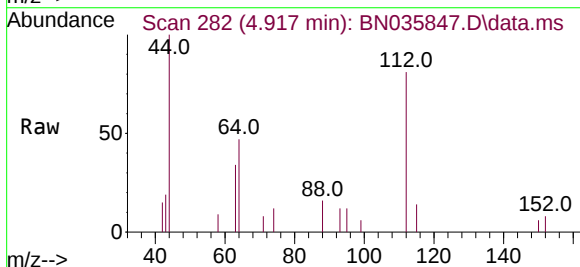
Instrument :
 BNA_N
 ClientSampleId :
 TT162S1-20241219

Tgt Ion: 42 Resp: 1981
 Ion Ratio Lower Upper
 42 100
 74 4.1 124.9 187.3#
 44 122.5 2.2 3.4#



#4
 2-Fluorophenol
 Concen: 0.116 ng
 RT: 4.917 min Scan# 282
 Delta R.T. -0.022 min
 Lab File: BN035847.D
 Acq: 26 Dec 2024 11:20

Tgt Ion: 112 Resp: 1078
 Ion Ratio Lower Upper
 112 100
 64 52.5 39.8 59.8
 63 29.4 21.0 31.6





#5

Phenol-d6

Concen: 0.055 ng

RT: 6.470 min Scan# 49

Delta R.T. -0.022 min

Lab File: BN035847.D

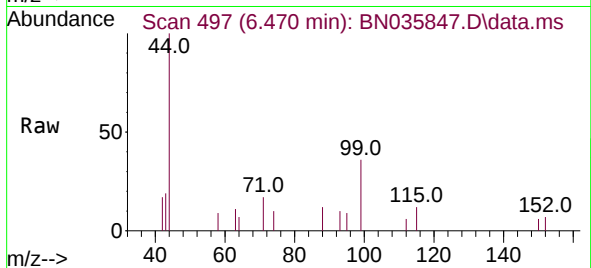
Acq: 26 Dec 2024 11:20

Instrument :

BNA_N

ClientSampleId :

TT162S1-20241219



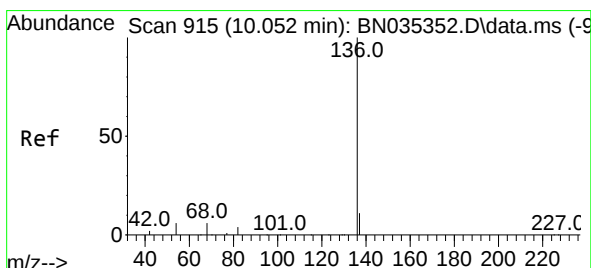
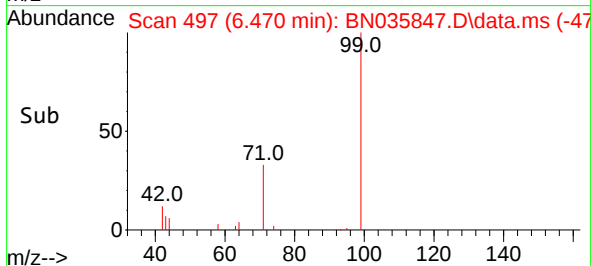
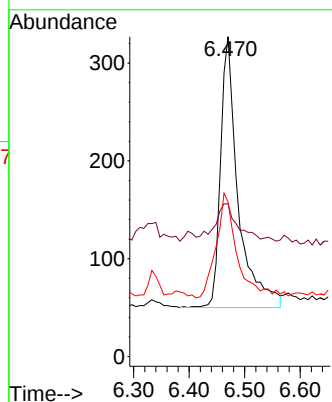
Tgt Ion: 99 Resp: 611

Ion Ratio Lower Upper

99 100

42 20.9 11.4 17.2#

71 46.6 29.3 43.9#



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 9.999 min Scan# 910

Delta R.T. -0.021 min

Lab File: BN035847.D

Acq: 26 Dec 2024 11:20

Tgt Ion: 136 Resp: 8876

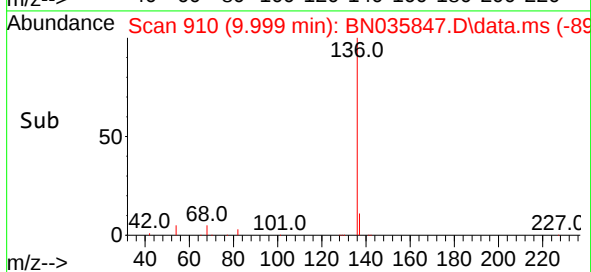
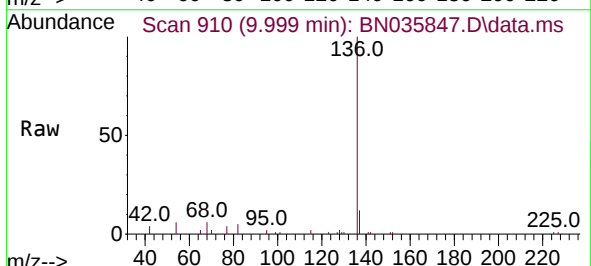
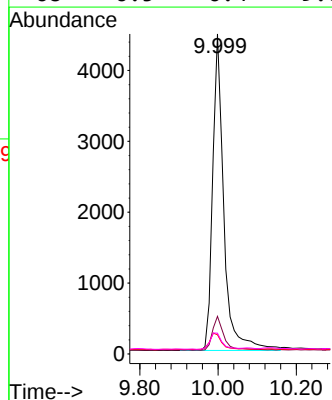
Ion Ratio Lower Upper

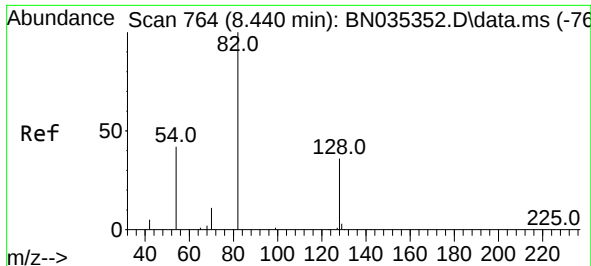
136 100

137 11.7 10.2 15.2

54 6.0 6.1 9.1#

68 6.5 6.4 9.6

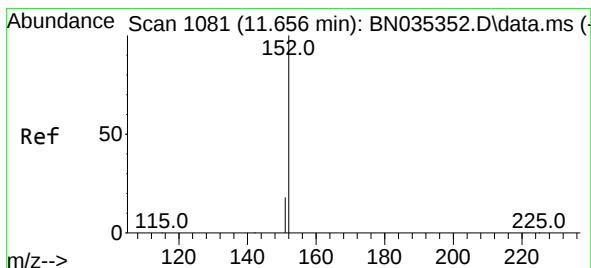
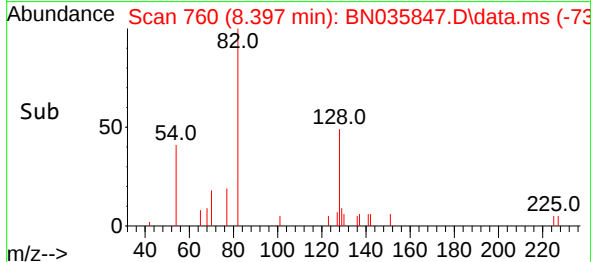
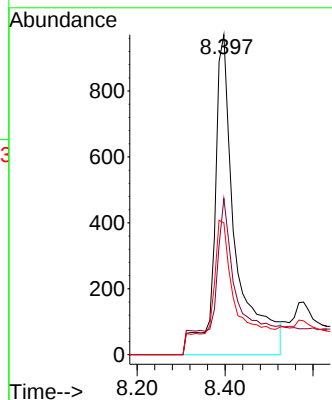
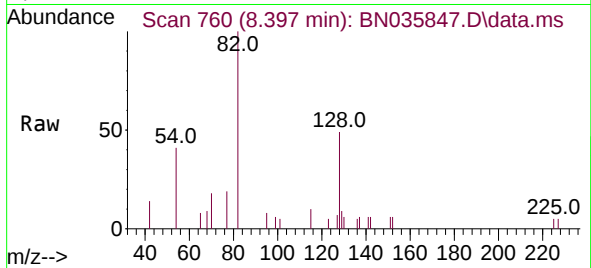




#8
Nitrobenzene-d5
Concen: 0.583 ng
RT: 8.397 min Scan# 760
Delta R.T. -0.011 min
Lab File: BN035847.D
Acq: 26 Dec 2024 11:20

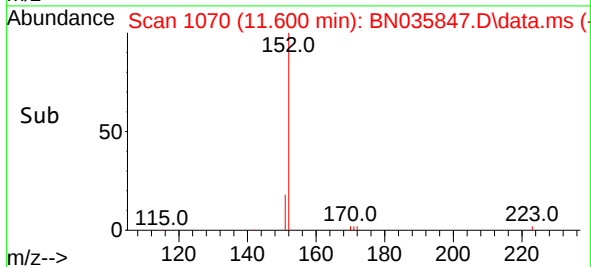
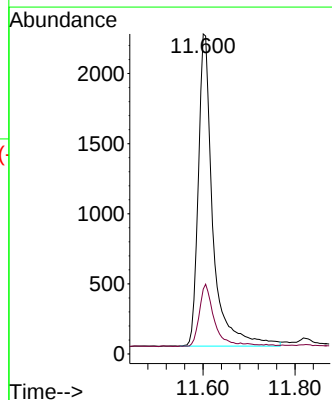
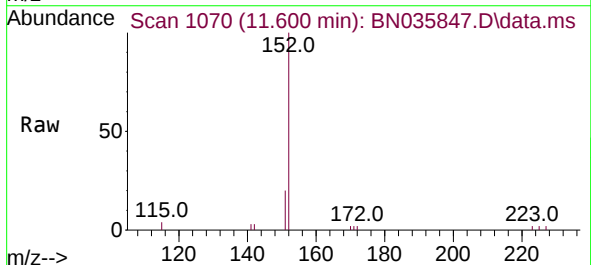
Instrument :
BNA_N
ClientSampleId :
TT162S1-20241219

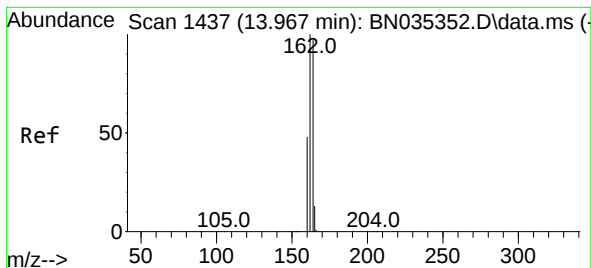
Tgt Ion: 82 Resp: 3163
Ion Ratio Lower Upper
82 100
128 48.8 33.4 50.0
54 41.2 36.7 55.1



#11
2-Methylnaphthalene-d10
Concen: 0.352 ng
RT: 11.600 min Scan# 1070
Delta R.T. -0.020 min
Lab File: BN035847.D
Acq: 26 Dec 2024 11:20

Tgt Ion: 152 Resp: 4895
Ion Ratio Lower Upper
152 100
151 19.7 16.6 25.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 13.914 min Scan# 14

Delta R.T. -0.021 min

Lab File: BN035847.D

Acq: 26 Dec 2024 11:20

Instrument :

BNA_N

ClientSampleId :

TT162S1-20241219

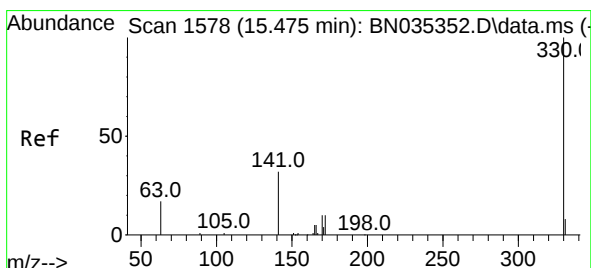
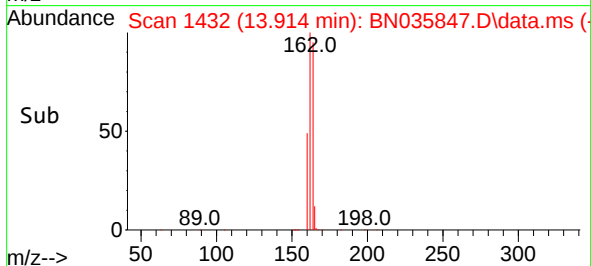
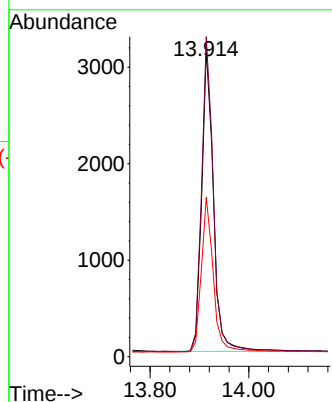
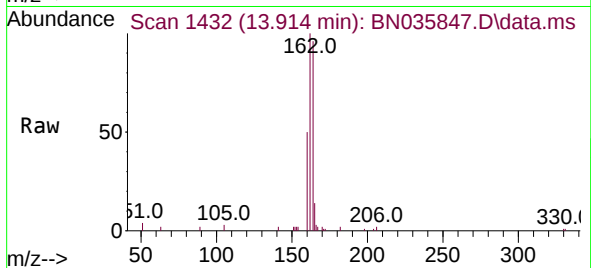
Tgt Ion:164 Resp: 5154

Ion Ratio Lower Upper

164 100

162 104.4 82.2 123.2

160 52.0 40.1 60.1



#14

2,4,6-Tribromophenol

Concen: 0.221 ng

RT: 15.443 min Scan# 1575

Delta R.T. -0.011 min

Lab File: BN035847.D

Acq: 26 Dec 2024 11:20

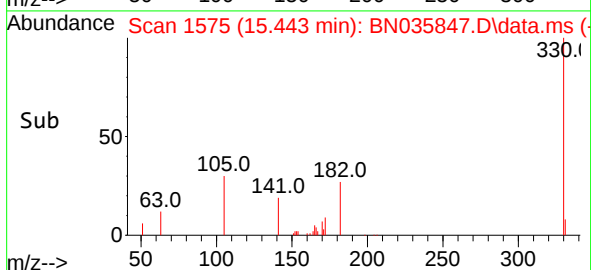
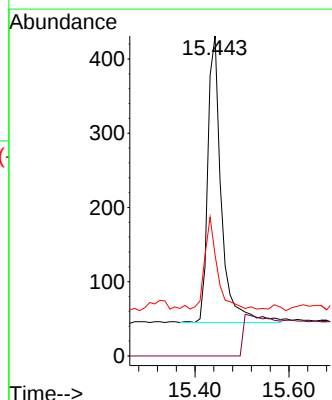
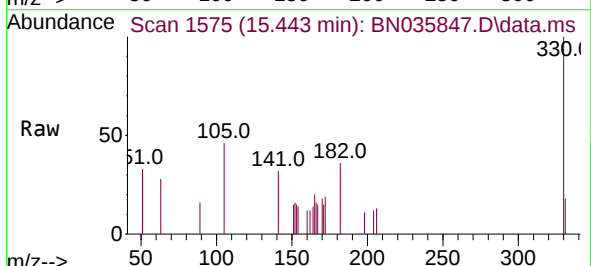
Tgt Ion:330 Resp: 808

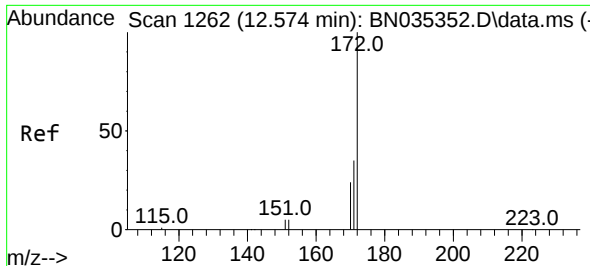
Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 28.6 26.6 40.0

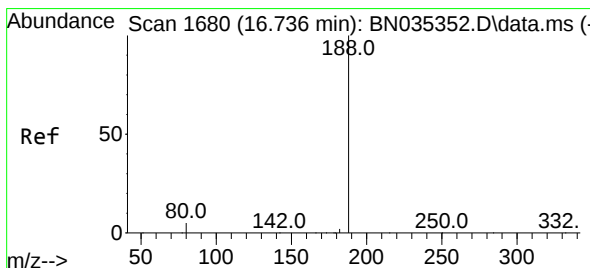
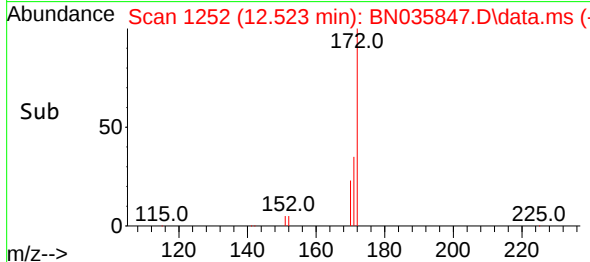
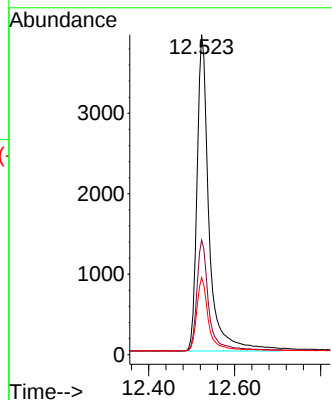
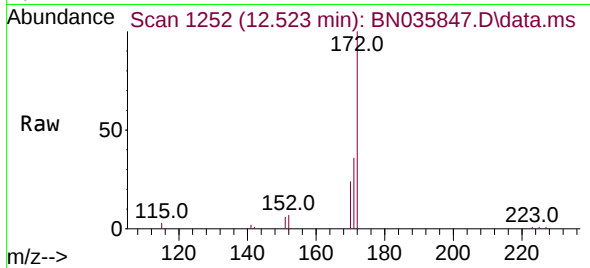




#15
2-Fluorobiphenyl
Concen: 0.393 ng
RT: 12.523 min Scan# 11
Delta R.T. -0.020 min
Lab File: BN035847.D
Acq: 26 Dec 2024 11:20

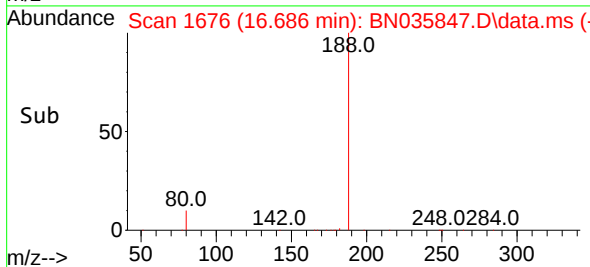
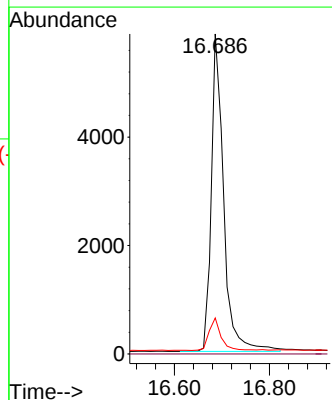
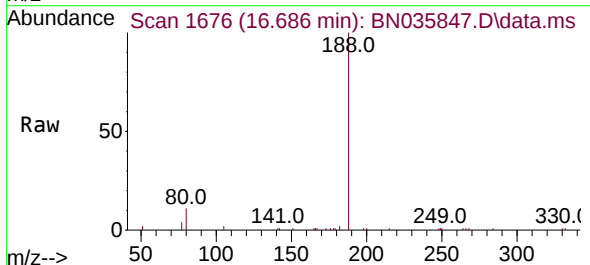
Instrument :
BNA_N
ClientSampleId :
TT162S1-20241219

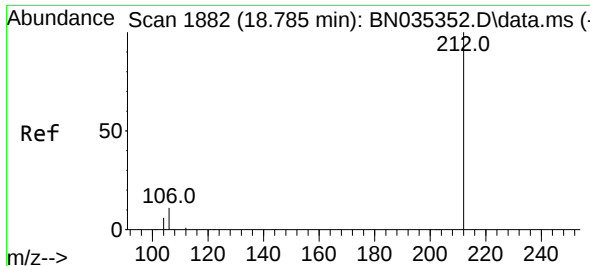
Tgt Ion:172	Resp:	7648
Ion	Ratio	Lower Upper
172	100	
171	35.8	29.0 43.4
170	24.1	19.8 29.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.686 min Scan# 1676
Delta R.T. -0.013 min
Lab File: BN035847.D
Acq: 26 Dec 2024 11:20

Tgt Ion:188	Resp:	10596
Ion	Ratio	Lower Upper
188	100	
94	0.0	0.0 0.0
80	11.2	4.6 6.8

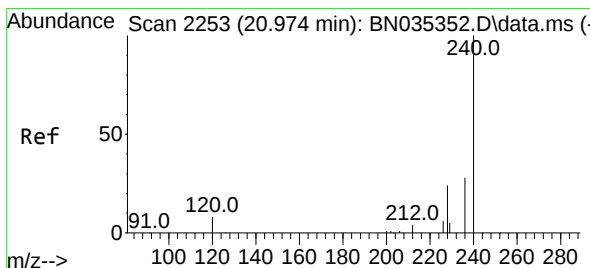
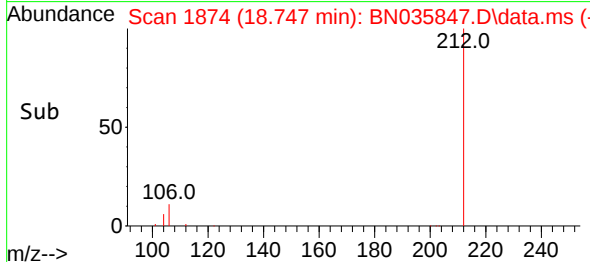
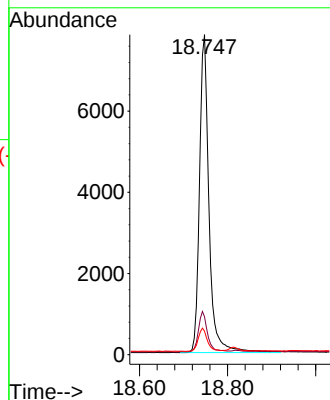
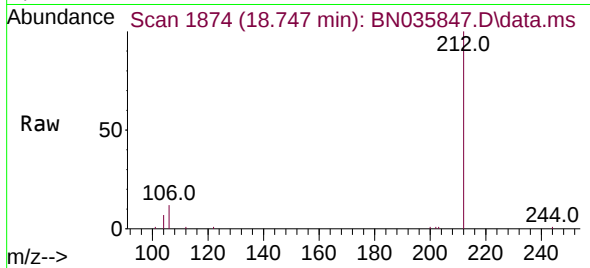




#27
Fluoranthene-d10
Concen: 0.391 ng
RT: 18.747 min Scan# 11
Delta R.T. -0.014 min
Lab File: BN035847.D
Acq: 26 Dec 2024 11:20

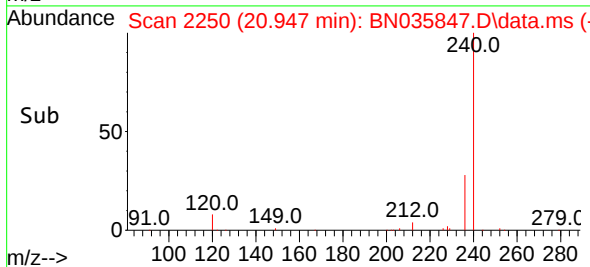
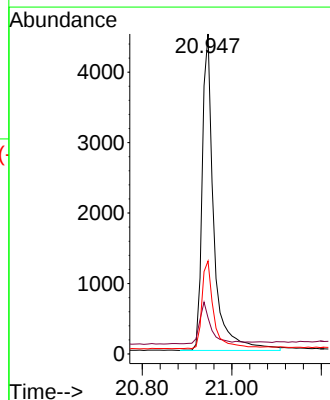
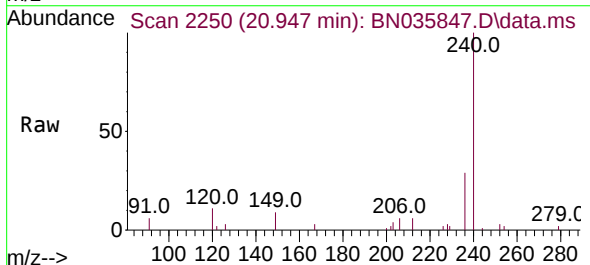
Instrument :
BNA_N
ClientSampleId :
TT162S1-20241219

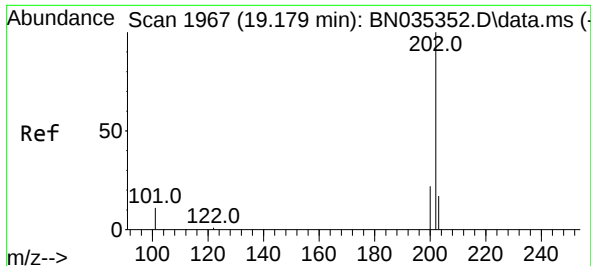
Tgt Ion:	212	Resp:	11741
Ion Ratio	Lower	Upper	
212	100		
106	11.9	9.2	13.8
104	6.9	5.3	7.9



#29
Chrysene-d12
Concen: 0.400 ng
RT: 20.947 min Scan# 2250
Delta R.T. -0.009 min
Lab File: BN035847.D
Acq: 26 Dec 2024 11:20

Tgt Ion:	240	Resp:	8138
Ion Ratio	Lower	Upper	
240	100		
120	11.3	7.9	11.9
236	29.1	22.9	34.3

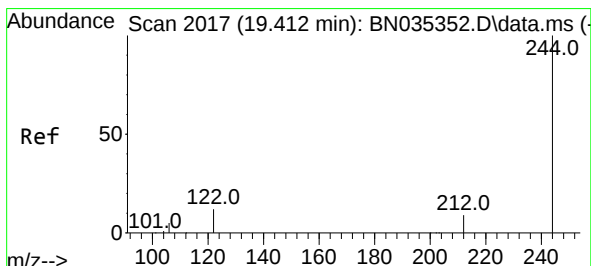
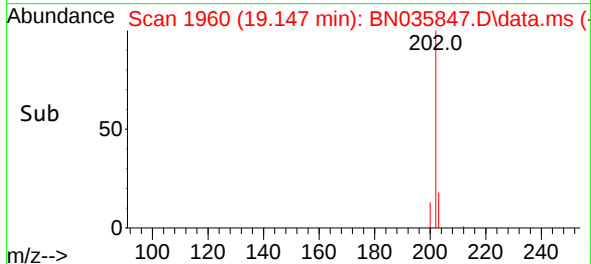
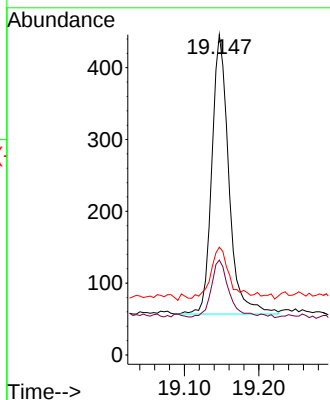
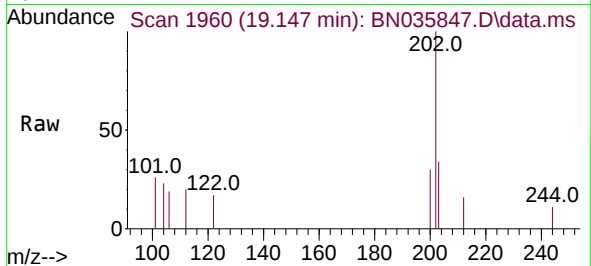




#30
Pyrene
Concen: 0.021 ng
RT: 19.147 min Scan# 1967
Delta R.T. -0.014 min
Lab File: BN035847.D
Acq: 26 Dec 2024 11:20

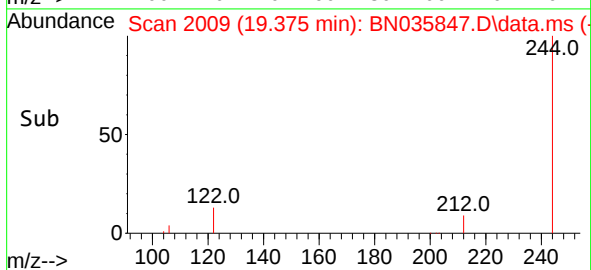
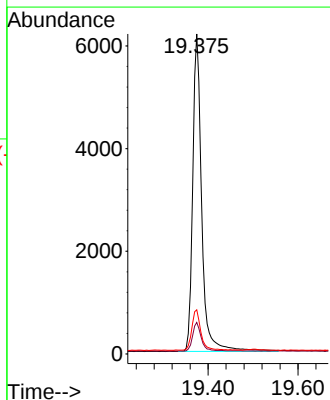
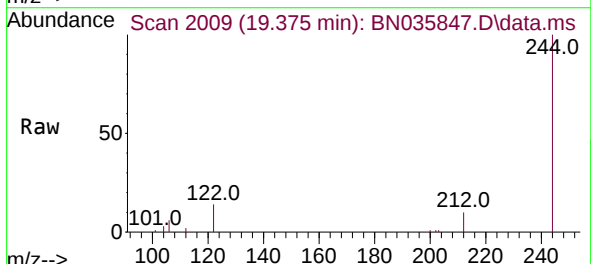
Instrument :
BNA_N
ClientSampleId :
TT162S1-20241219

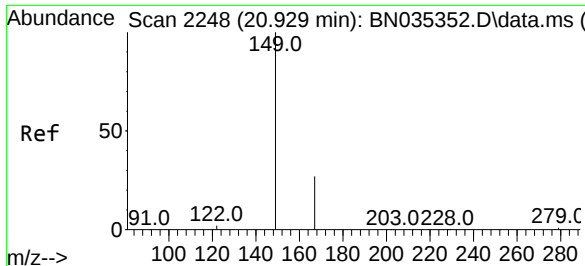
Tgt Ion:202 Resp: 618
Ion Ratio Lower Upper
202 100
200 20.7 17.0 25.4
203 20.2 14.3 21.5



#31
Terphenyl-d14
Concen: 0.537 ng
RT: 19.375 min Scan# 2009
Delta R.T. -0.014 min
Lab File: BN035847.D
Acq: 26 Dec 2024 11:20

Tgt Ion:244 Resp: 8616
Ion Ratio Lower Upper
244 100
212 9.8 8.1 12.1
122 13.8 10.3 15.5

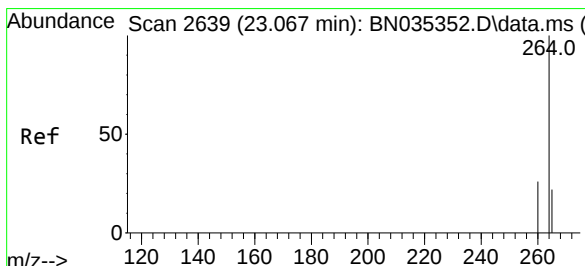
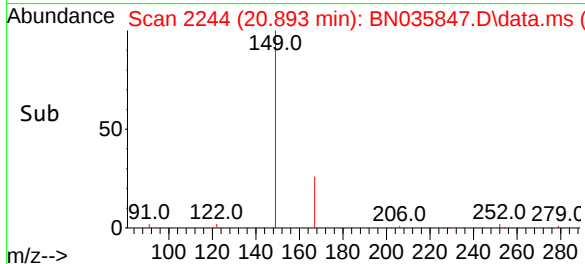
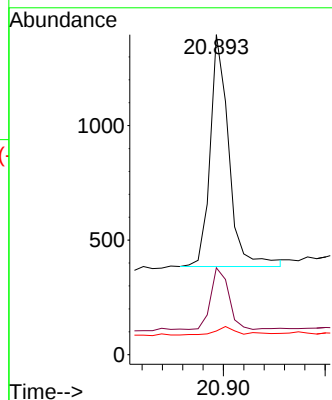
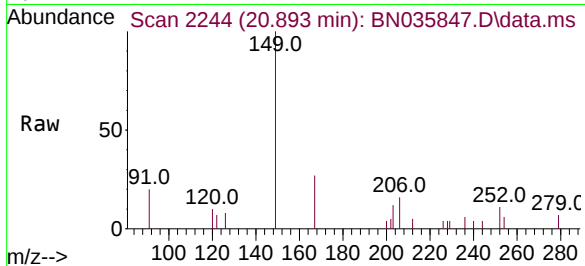




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.114 ng
RT: 20.893 min Scan# 21
Delta R.T. -0.018 min
Lab File: BN035847.D
Acq: 26 Dec 2024 11:20

Instrument :
BNA_N
ClientSampleId :
TT162S1-20241219

Tgt Ion:149 Resp: 1284
Ion Ratio Lower Upper
149 100
167 25.5 22.2 33.4
279 4.3 2.7 4.1#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.026 min Scan# 2625
Delta R.T. -0.015 min
Lab File: BN035847.D
Acq: 26 Dec 2024 11:20

Tgt Ion:264 Resp: 8007
Ion Ratio Lower Upper
264 100
260 27.2 21.4 32.2
265 85.5 40.2 60.4#

