

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122324\
 Data File : BN035836.D
 Acq On : 25 Dec 2024 01:05
 Operator : RC/JU
 Sample : P5376-19
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT188S1-20241219

Quant Time: Dec 25 02:35:26 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)

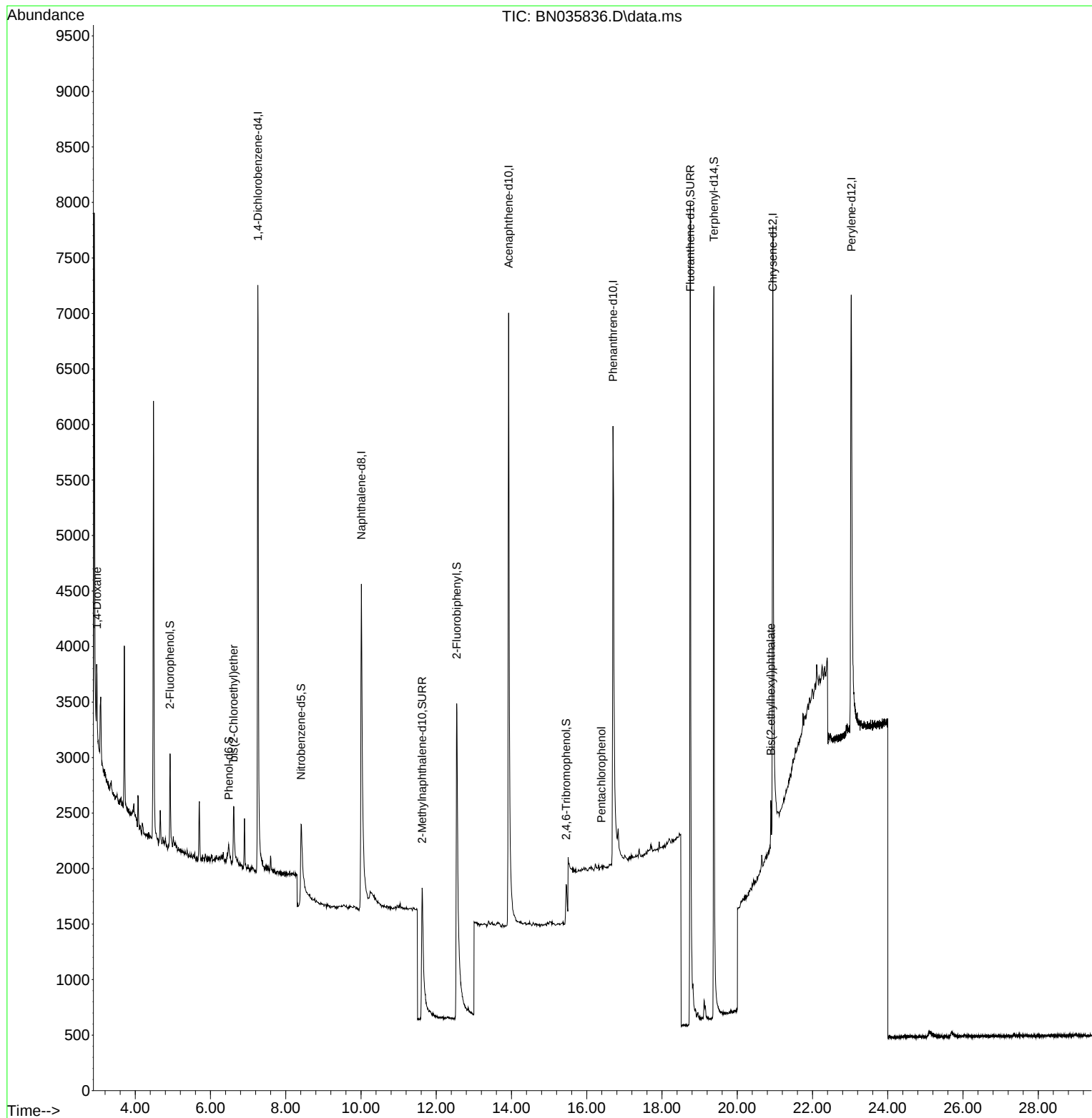
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.257	152	3201	0.400	ng	-0.01
7) Naphthalene-d8	10.009	136	7225	0.400	ng	-0.01
13) Acenaphthene-d10	13.925	164	4592	0.400	ng	-0.01
19) Phenanthrene-d10	16.698	188	9284	0.400	ng	# 0.00
29) Chrysene-d12	20.947	240	7823	0.400	ng	# 0.00
35) Perylene-d12	23.032	264	7346	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.925	112	813	0.101	ng	-0.01
5) Phenol-d6	6.485	99	377	0.039	ng	0.00
8) Nitrobenzene-d5	8.408	82	1818	0.412	ng	0.00
11) 2-Methylnaphthalene-d10	11.626	152	3842	0.340	ng	0.00
14) 2,4,6-Tribromophenol	15.453	330	593	0.182	ng	0.00
15) 2-Fluorobiphenyl	12.544	172	6127	0.353	ng	0.00
27) Fluoranthene-d10	18.752	212	11461	0.435	ng	0.00
31) Terphenyl-d14	19.379	244	8539	0.553	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.982	88	618	0.202	ng	# 77
6) bis(2-Chloroethyl)ether	6.615	93	1385	0.171	ng	# 31
24) Pentachlorophenol	16.388	266	60	0.022	ng	# 83
34) Bis(2-ethylhexyl)phtha...	20.893	149	434	0.040	ng	96

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

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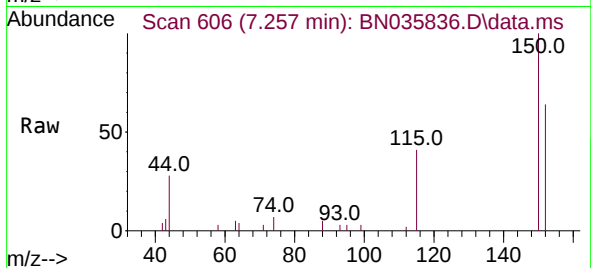
Quant Time: Dec 25 02:35:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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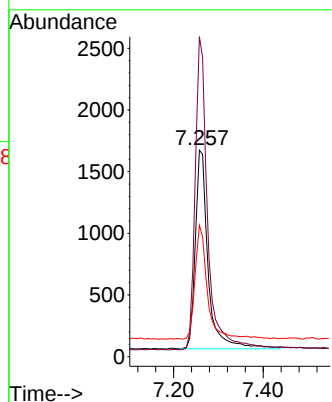
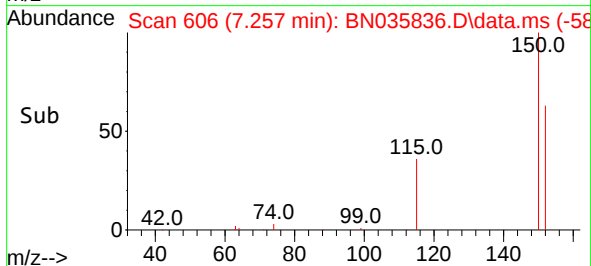


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.257 min Scan# 60
 Delta R.T. -0.015 min
 Lab File: BN035836.D
 Acq: 25 Dec 2024 01:05

Instrument :
 BNA_N
 ClientSampleId :
 TT188S1-20241219

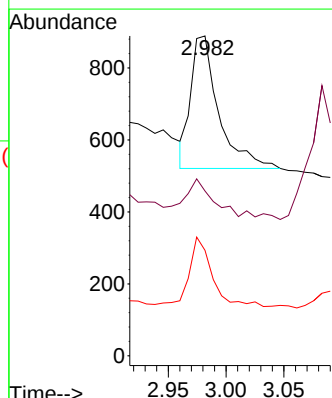
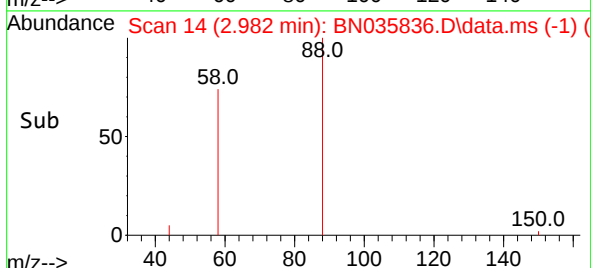
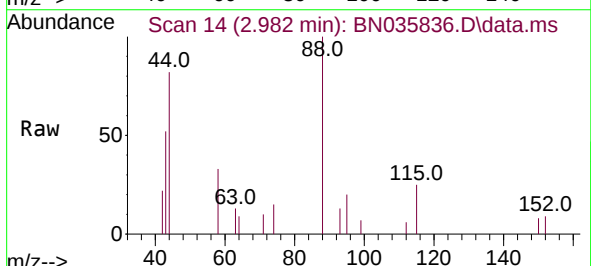


Tgt Ion:152 Resp: 3201
 Ion Ratio Lower Upper
 152 100
 150 155.1 124.0 186.0
 115 63.7 49.6 74.4



#2
 1,4-Dioxane
 Concen: 0.202 ng
 RT: 2.982 min Scan# 14
 Delta R.T. 0.000 min
 Lab File: BN035836.D
 Acq: 25 Dec 2024 01:05

Tgt Ion: 88 Resp: 618
 Ion Ratio Lower Upper
 88 100
 43 37.4 17.2 25.8#
 58 42.2 44.5 66.7#

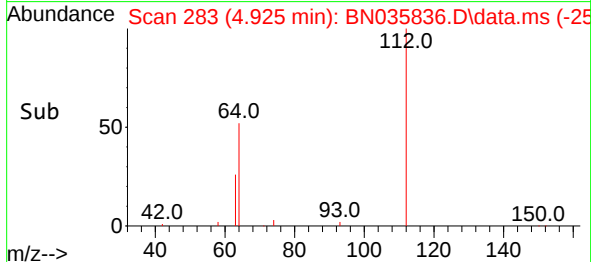
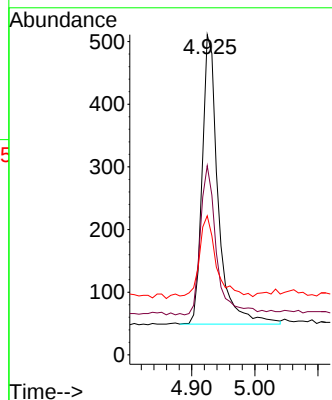
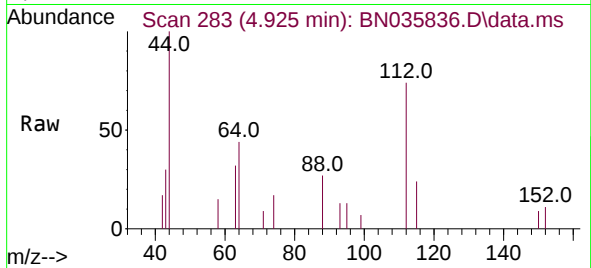




#4
2-Fluorophenol
Concen: 0.101 ng
RT: 4.925 min Scan# 21
Delta R.T. -0.014 min
Lab File: BN035836.D
Acq: 25 Dec 2024 01:05

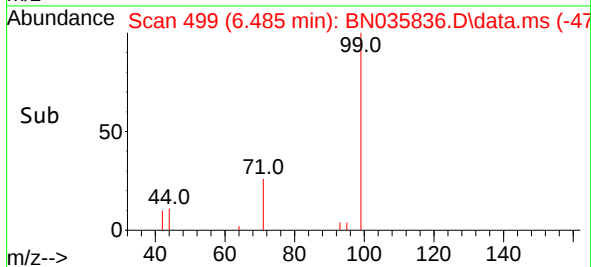
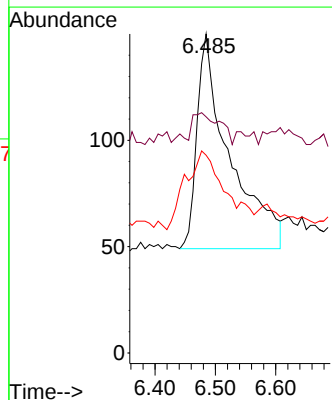
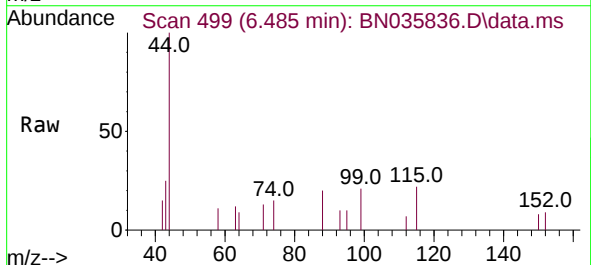
Instrument :
BNA_N
ClientSampleId :
TT188S1-20241219

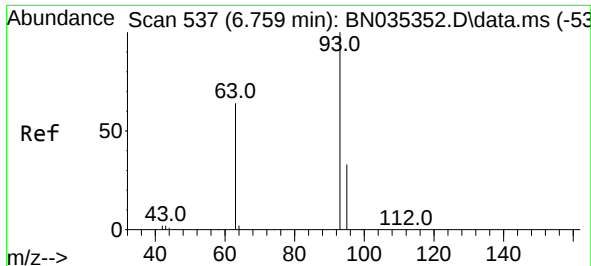
Tgt Ion:112 Resp: 813
Ion Ratio Lower Upper
112 100
64 52.9 39.8 59.8
63 29.0 21.0 31.6



#5
Phenol-d6
Concen: 0.039 ng
RT: 6.485 min Scan# 499
Delta R.T. -0.007 min
Lab File: BN035836.D
Acq: 25 Dec 2024 01:05

Tgt Ion: 99 Resp: 377
Ion Ratio Lower Upper
99 100
42 13.8 11.4 17.2
71 45.1 29.3 43.9#

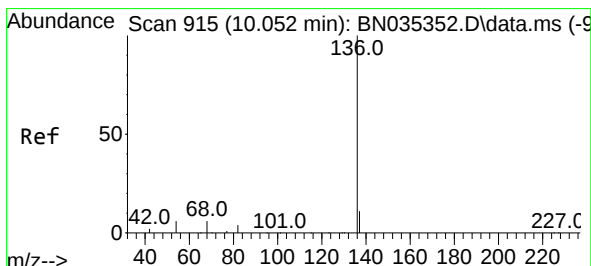
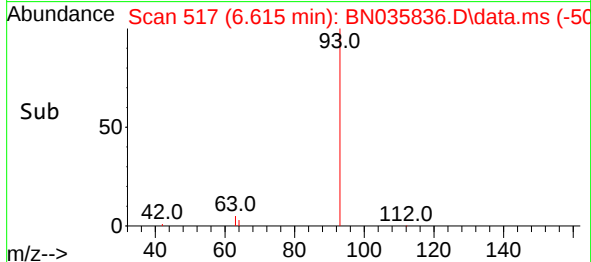
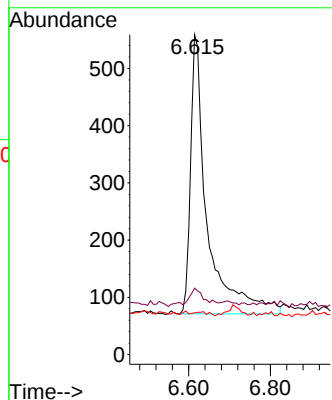
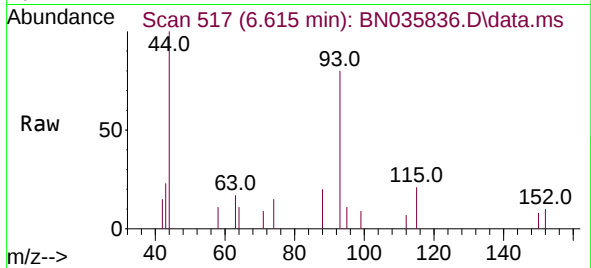




#6
bis(2-Chloroethyl)ether
Concen: 0.171 ng
RT: 6.615 min Scan# 517
Delta R.T. -0.116 min
Lab File: BN035836.D
Acq: 25 Dec 2024 01:05

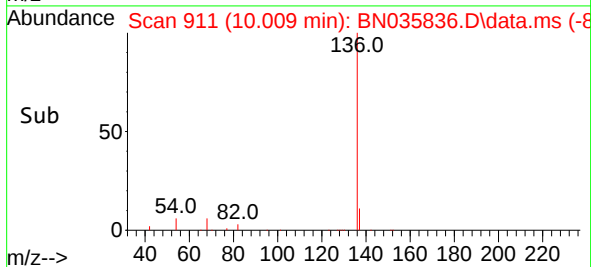
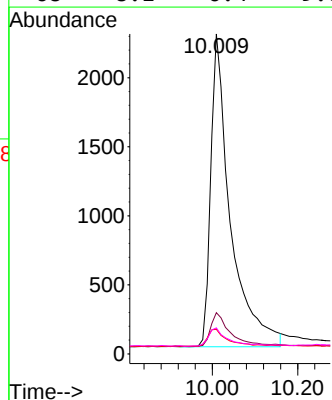
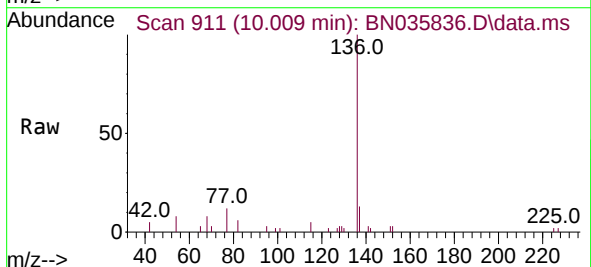
Instrument :
BNA_N
ClientSampleId :
TT188S1-20241219

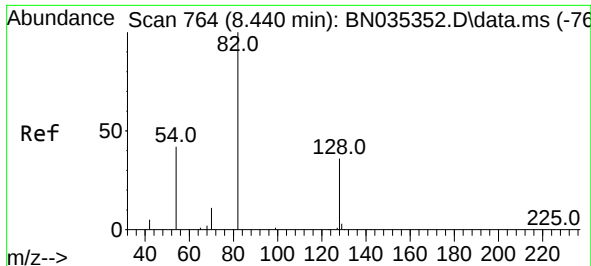
Tgt Ion: 93 Resp: 1385
Ion Ratio Lower Upper
93 100
63 5.2 50.4 75.6#
95 0.0 25.7 38.5#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.009 min Scan# 911
Delta R.T. -0.011 min
Lab File: BN035836.D
Acq: 25 Dec 2024 01:05

Tgt Ion: 136 Resp: 7225
Ion Ratio Lower Upper
136 100
137 12.9 10.2 15.2
54 7.7 6.1 9.1
68 8.1 6.4 9.6

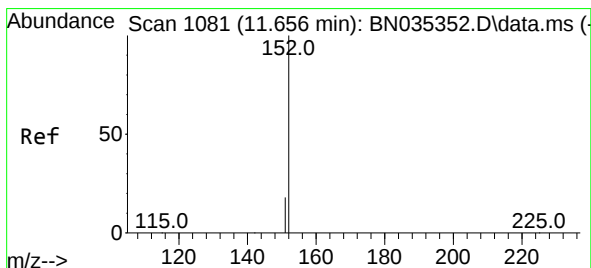
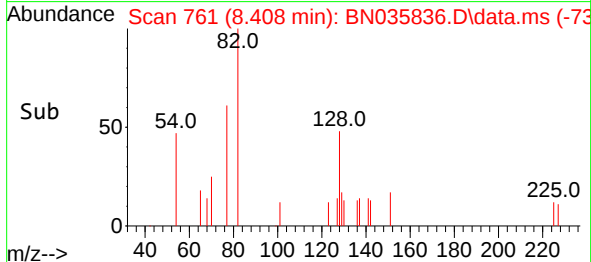
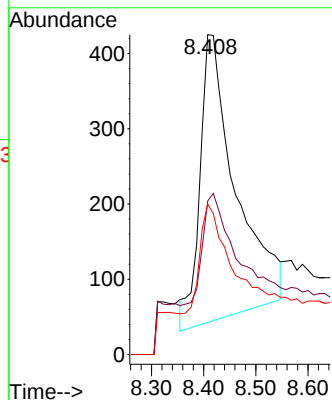
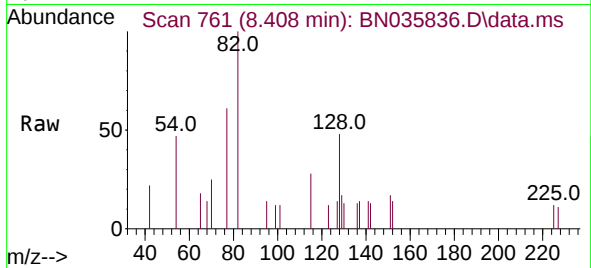




#8
 Nitrobenzene-d5
 Concen: 0.412 ng
 RT: 8.408 min Scan# 764
 Delta R.T. 0.000 min
 Lab File: BN035836.D
 Acq: 25 Dec 2024 01:05

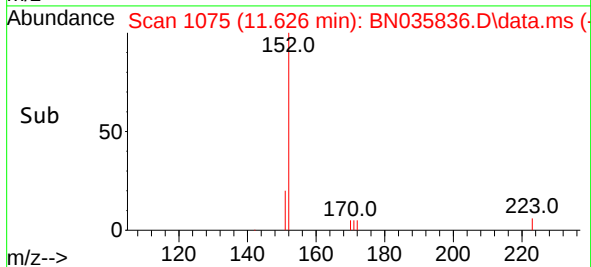
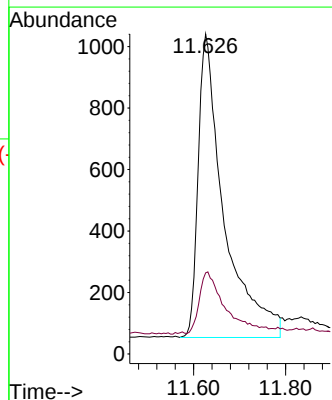
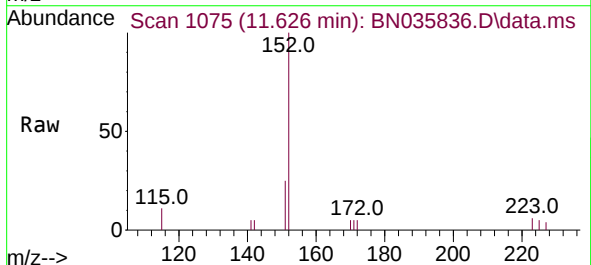
Instrument :
 BNA_N
 ClientSampleId :
 TT188S1-20241219

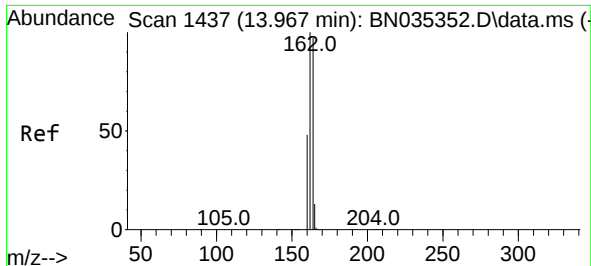
Tgt Ion:	82	Resp:	1818
Ion	Ratio	Lower	Upper
82	100		
128	48.0	33.4	50.0
54	47.1	36.7	55.1



#11
 2-Methylnaphthalene-d10
 Concen: 0.340 ng
 RT: 11.626 min Scan# 1075
 Delta R.T. 0.005 min
 Lab File: BN035836.D
 Acq: 25 Dec 2024 01:05

Tgt Ion:	152	Resp:	3842
Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.6	25.0

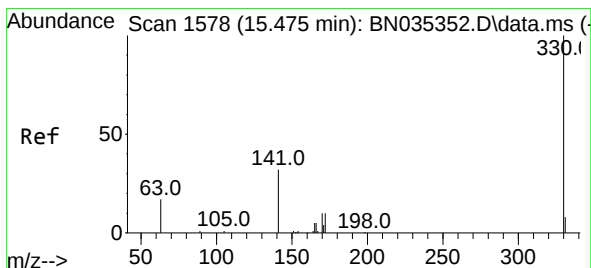
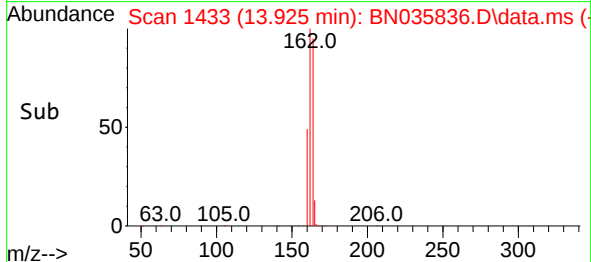
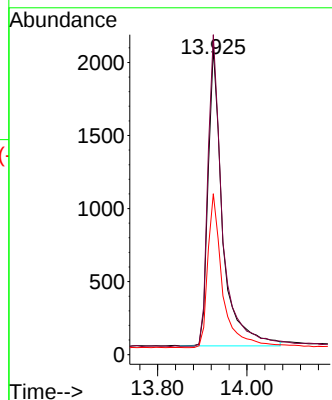
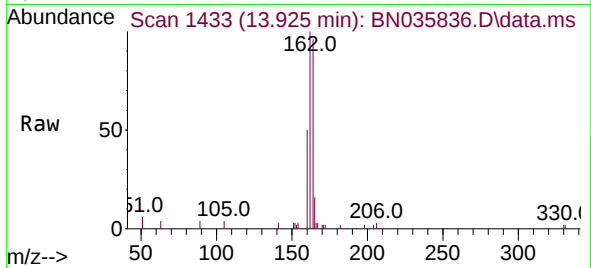




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.925 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN035836.D
Acq: 25 Dec 2024 01:05

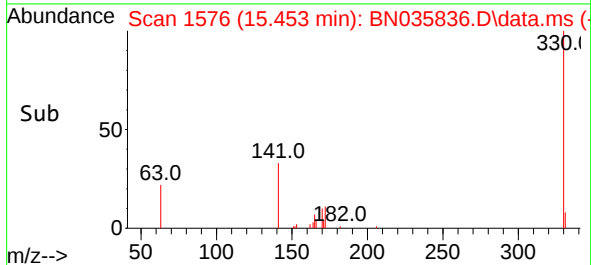
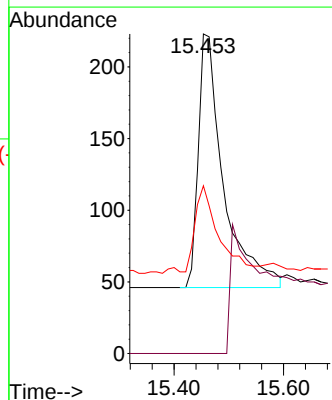
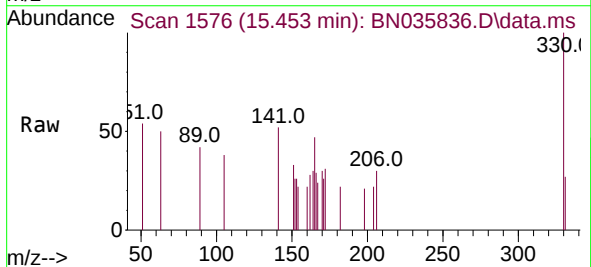
Instrument :
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ClientSampleId :
TT188S1-20241219

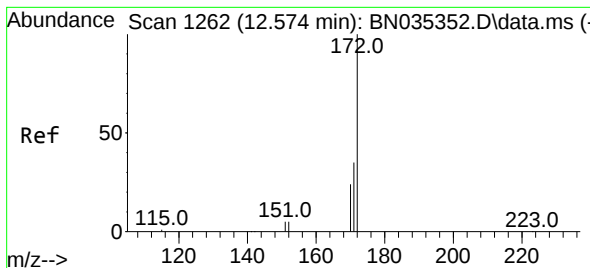
Tgt Ion:164 Resp: 4592
Ion Ratio Lower Upper
164 100
162 104.5 82.2 123.2
160 52.5 40.1 60.1



#14
2,4,6-Tribromophenol
Concen: 0.182 ng
RT: 15.453 min Scan# 1576
Delta R.T. 0.000 min
Lab File: BN035836.D
Acq: 25 Dec 2024 01:05

Tgt Ion:330 Resp: 593
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 32.2 26.6 40.0





#15

2-Fluorobiphenyl

Concen: 0.353 ng

RT: 12.544 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN035836.D

Acq: 25 Dec 2024 01:05

Instrument :

BNA_N

ClientSampleId :

TT188S1-20241219

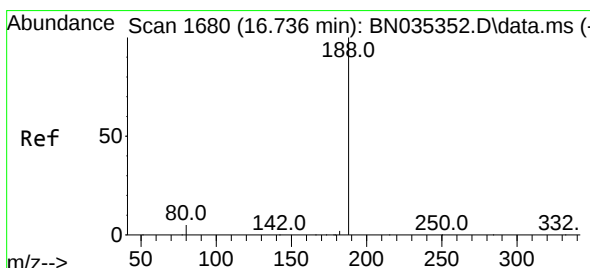
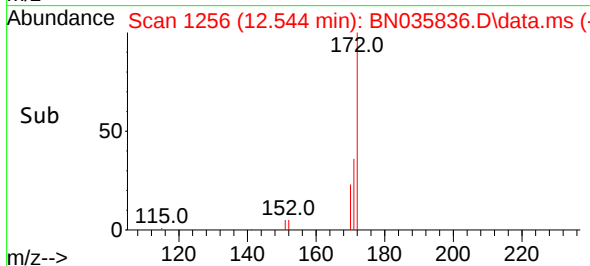
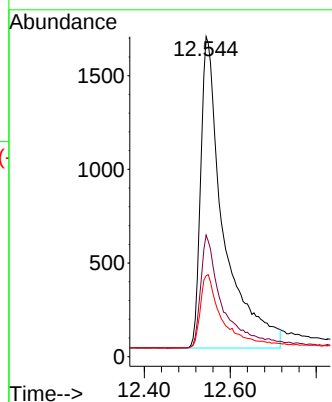
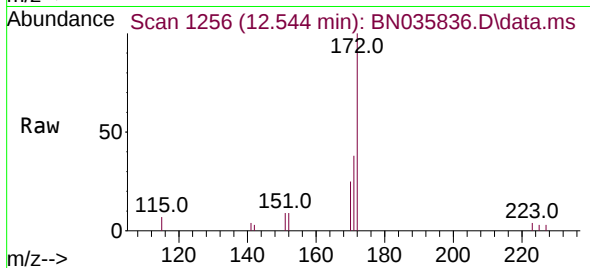
Tgt Ion:172 Resp: 6127

Ion Ratio Lower Upper

172 100

171 38.0 29.0 43.4

170 25.3 19.8 29.8



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.698 min Scan# 1677

Delta R.T. 0.000 min

Lab File: BN035836.D

Acq: 25 Dec 2024 01:05

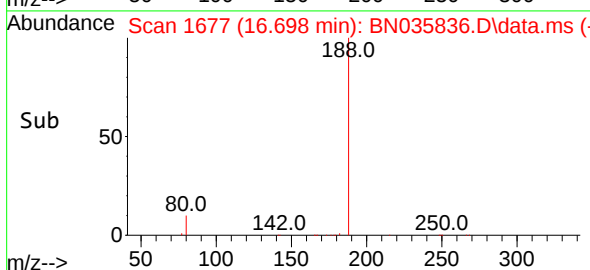
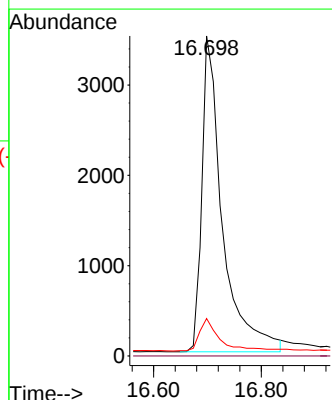
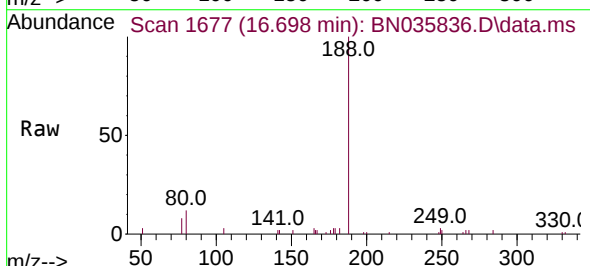
Tgt Ion:188 Resp: 9284

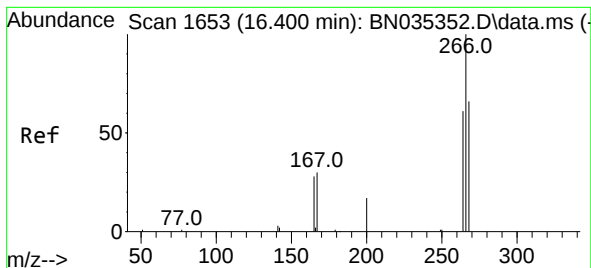
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.7 4.6 6.8#





#24

Pentachlorophenol

Concen: 0.022 ng

RT: 16.388 min Scan# 1

Delta R.T. 0.012 min

Lab File: BN035836.D

Acq: 25 Dec 2024 01:05

Instrument :

BNA_N

ClientSampleId :

TT188S1-20241219

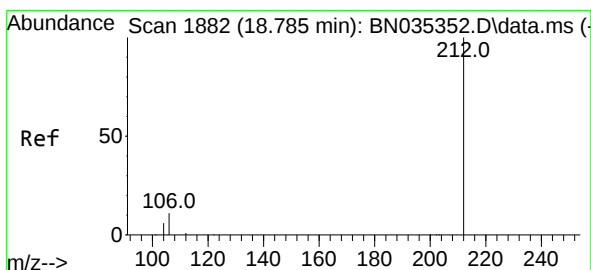
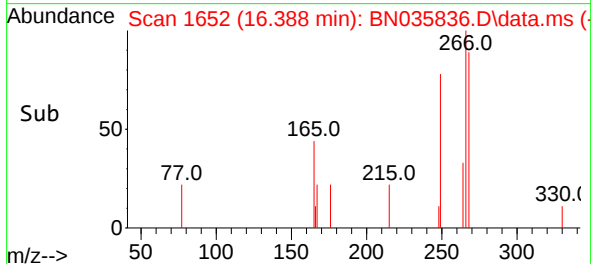
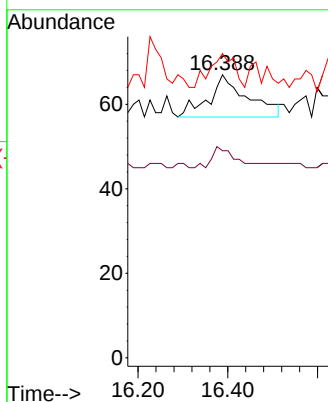
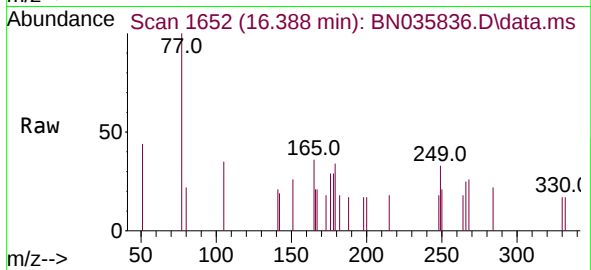
Tgt Ion:266 Resp: 60

Ion Ratio Lower Upper

266 100

264 33.3 42.3 63.5#

268 50.0 43.3 64.9



#27

Fluoranthene-d10

Concen: 0.435 ng

RT: 18.752 min Scan# 1875

Delta R.T. -0.009 min

Lab File: BN035836.D

Acq: 25 Dec 2024 01:05

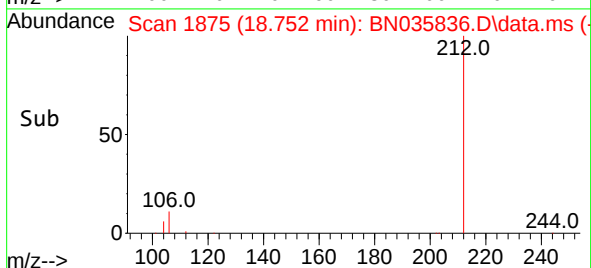
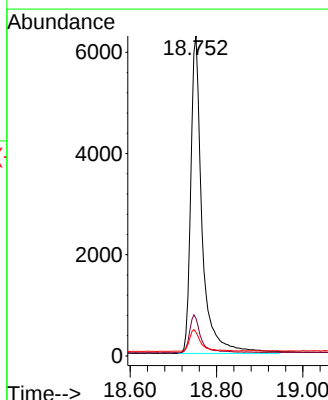
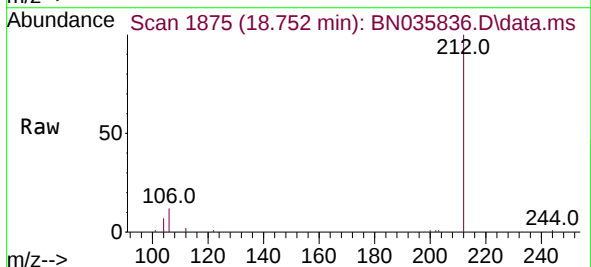
Tgt Ion:212 Resp: 11461

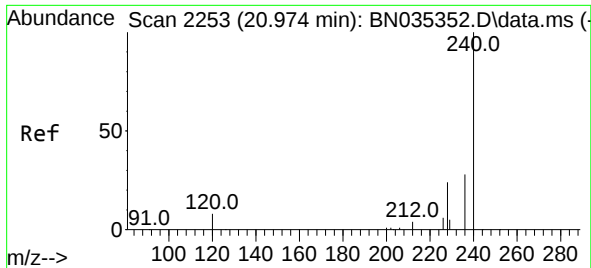
Ion Ratio Lower Upper

212 100

106 11.9 9.2 13.8

104 6.4 5.3 7.9

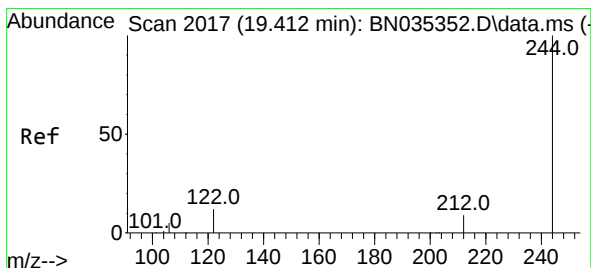
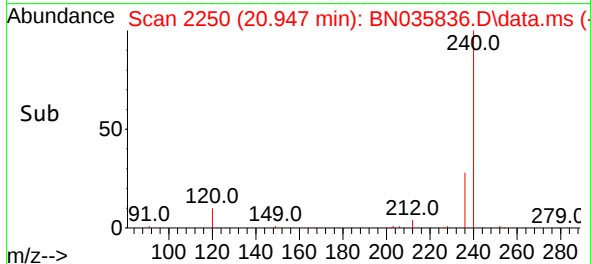
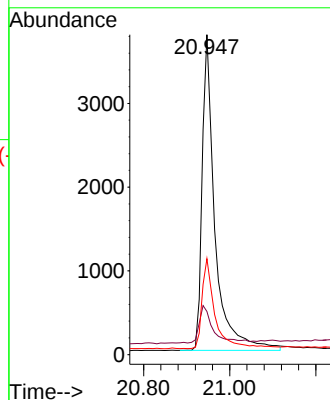
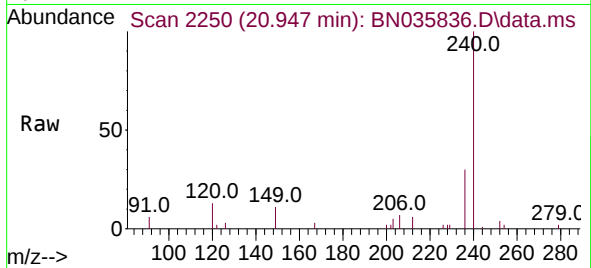




#29
Chrysene-d12
Concen: 0.400 ng
RT: 20.947 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN035836.D
Acq: 25 Dec 2024 01:05

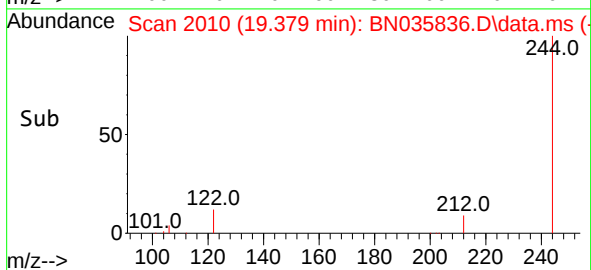
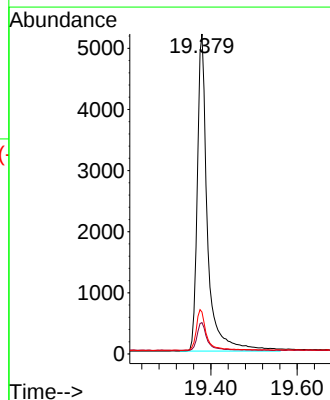
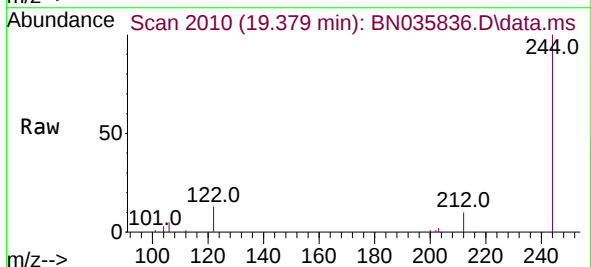
Instrument :
BNA_N
ClientSampleId :
TT188S1-20241219

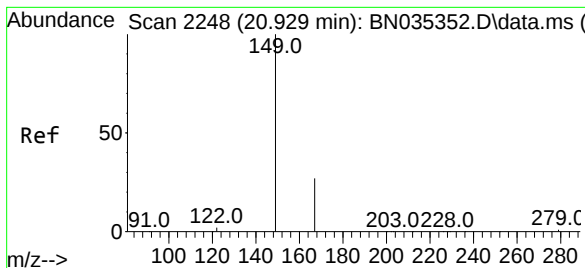
Tgt Ion:240 Resp: 7823
Ion Ratio Lower Upper
240 100
120 13.5 7.9 11.9#
236 30.0 22.9 34.3



#31
Terphenyl-d14
Concen: 0.553 ng
RT: 19.379 min Scan# 2010
Delta R.T. -0.009 min
Lab File: BN035836.D
Acq: 25 Dec 2024 01:05

Tgt Ion:244 Resp: 8539
Ion Ratio Lower Upper
244 100
212 9.8 8.1 12.1
122 13.1 10.3 15.5

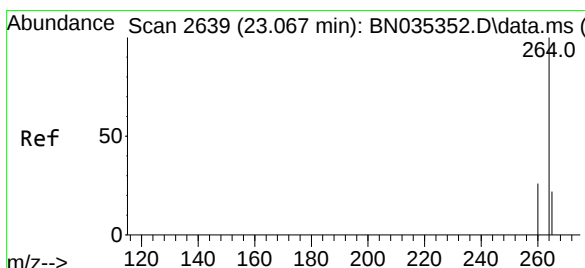
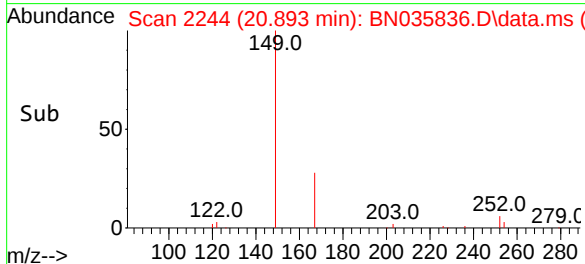
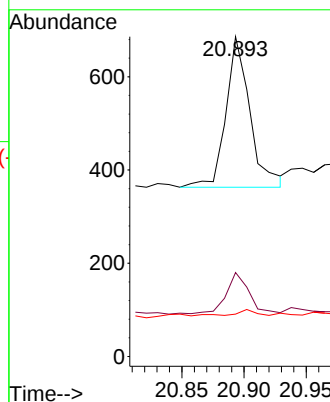
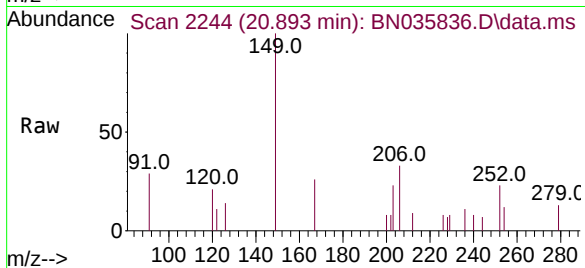




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.040 ng
 RT: 20.893 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BN035836.D
 Acq: 25 Dec 2024 01:05

Instrument :
 BNA_N
 ClientSampleId :
 TT188S1-20241219

Tgt Ion:149 Resp: 434
 Ion Ratio Lower Upper
 149 100
 167 25.3 22.2 33.4
 279 3.9 2.7 4.1



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.032 min Scan# 2627
 Delta R.T. -0.009 min
 Lab File: BN035836.D
 Acq: 25 Dec 2024 01:05

Tgt Ion:264 Resp: 7346
 Ion Ratio Lower Upper
 264 100
 260 27.5 21.4 32.2
 265 94.9 40.2 60.4#

