

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011325\
 Data File : BN035916.D
 Acq On : 13 Jan 2025 11:20
 Operator : RC/JU
 Sample : Q1040-01DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jan 13 11:52:48 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN010225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 02 15:39:17 2025
 Response via : Initial Calibration

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

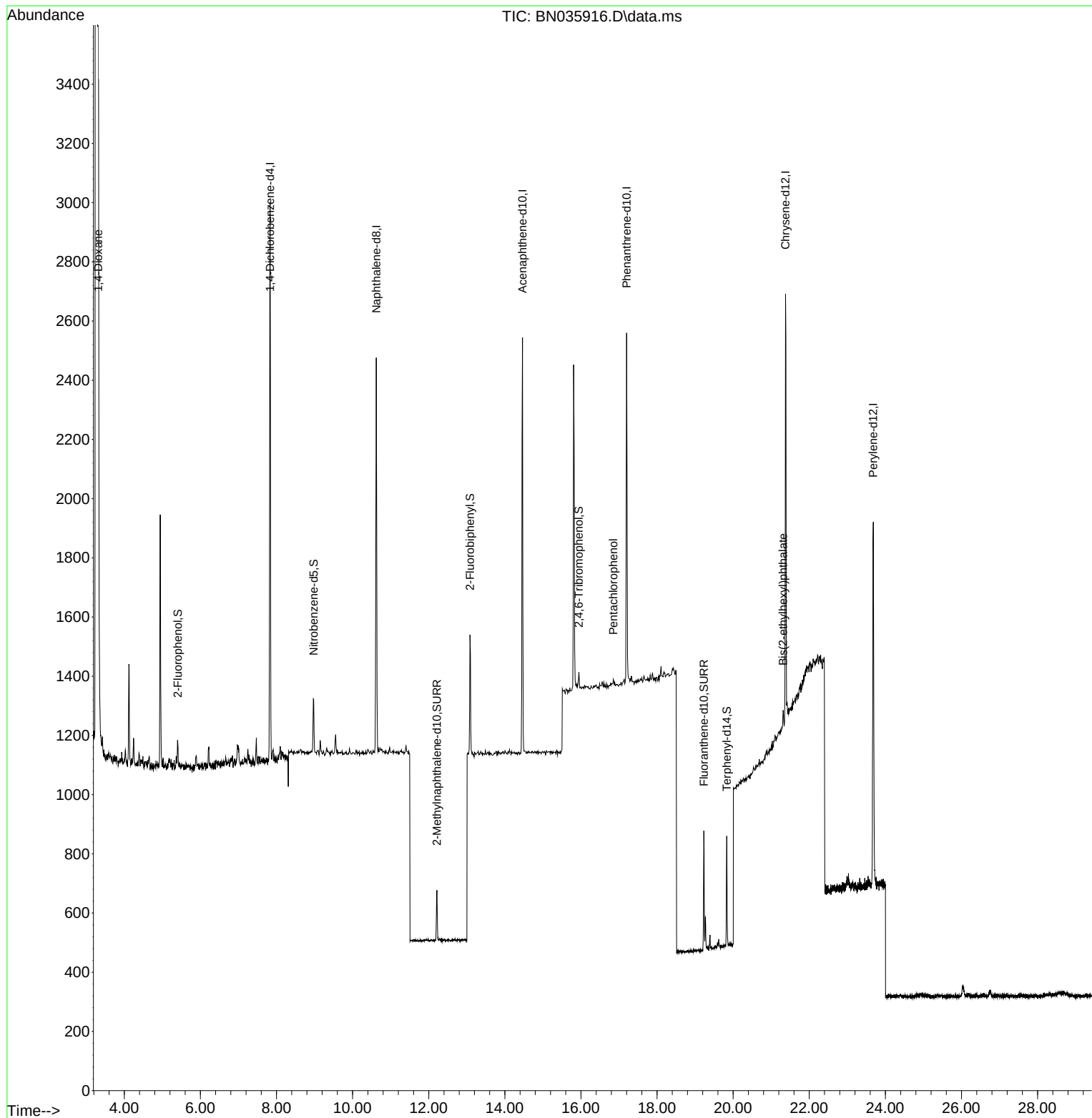
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.832	152	870	0.400	ng	0.00
7) Naphthalene-d8	10.622	136	1614	0.400	ng	0.00
13) Acenaphthene-d10	14.463	164	789	0.400	ng	0.00
19) Phenanthrene-d10	17.199	188	1568	0.400	ng	#-0.01
29) Chrysene-d12	21.376	240	1407	0.400	ng	# 0.00
35) Perylene-d12	23.681	264	1618	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.405	112	74	0.035	ng	0.00
5) Phenol-d6	6.979	99	49	0.018	ng	0.00
8) Nitrobenzene-d5	8.977	82	151	0.118	ng	0.00
11) 2-Methylnaphthalene-d10	12.213	152	217	0.100	ng	0.00
14) 2,4,6-Tribromophenol	15.945	330	28	0.074	ng	-0.01
15) 2-Fluorobiphenyl	13.084	172	347	0.100	ng	0.00
27) Fluoranthene-d10	19.230	212	426	0.109	ng	0.00
31) Terphenyl-d14	19.829	244	345	0.123	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.318	88	1746	2.021	ng	96
24) Pentachlorophenol	16.851	266	14	0.027	ng	# 28
34) Bis(2-ethylhexyl)phtha...	21.313	149	77	0.038	ng	# 69

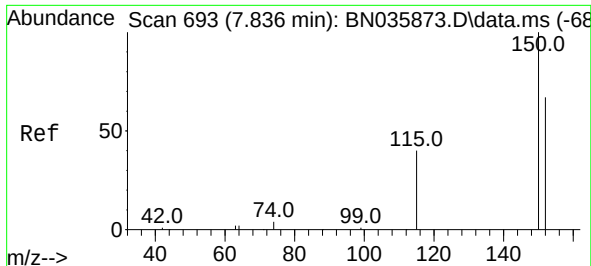
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011325\
Data File : BN035916.D
Acq On : 13 Jan 2025 11:20
Operator : RC/JU
Sample : Q1040-01DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

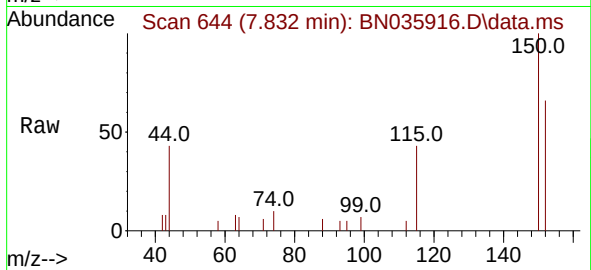
Quant Time: Jan 13 11:52:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN010225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 02 15:39:17 2025
Response via : Initial Calibration



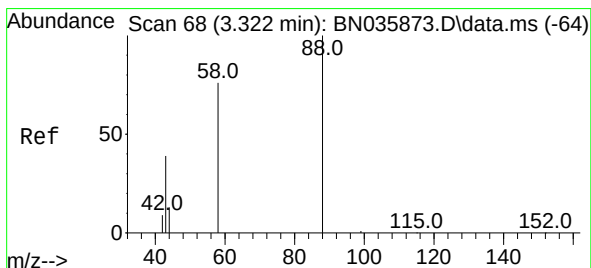
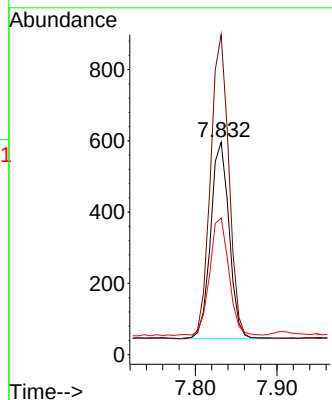
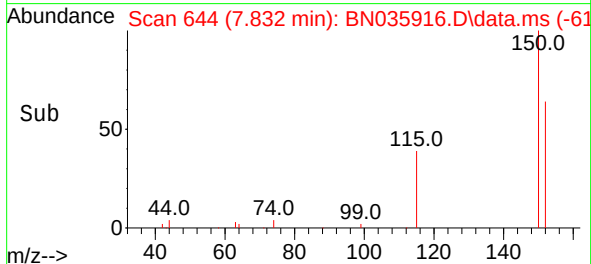


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.832 min Scan# 64
 Delta R.T. -0.004 min
 Lab File: BN035916.D
 Acq: 13 Jan 2025 11:20

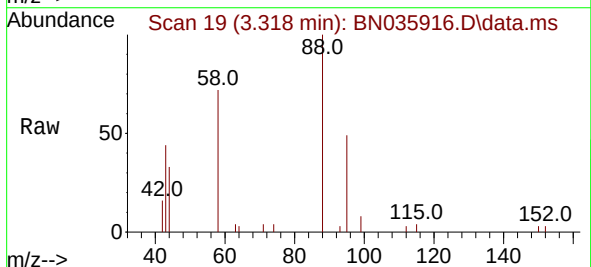
Instrument :
 BNA_N
 ClientSampleId :



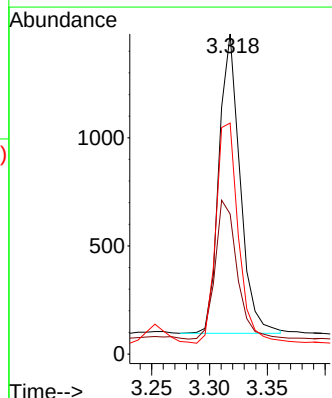
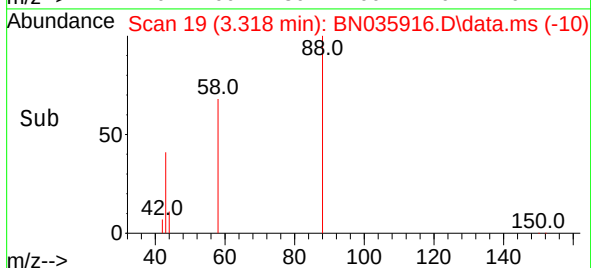
Tgt Ion:152 Resp: 870
 Ion Ratio Lower Upper
 152 100
 150 150.7 117.8 176.6
 115 64.4 51.0 76.4

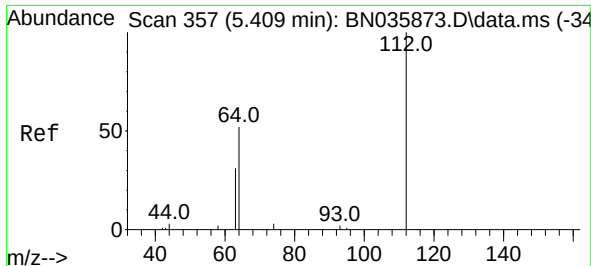


#2
 1,4-Dioxane
 Concen: 2.021 ng
 RT: 3.318 min Scan# 19
 Delta R.T. -0.004 min
 Lab File: BN035916.D
 Acq: 13 Jan 2025 11:20



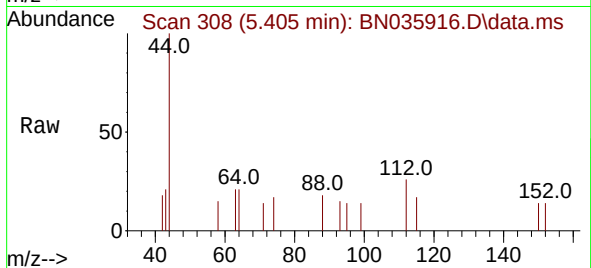
Tgt Ion: 88 Resp: 1746
 Ion Ratio Lower Upper
 88 100
 43 48.7 32.7 49.1
 58 78.8 63.0 94.4



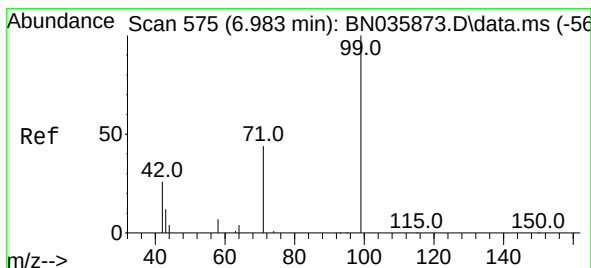
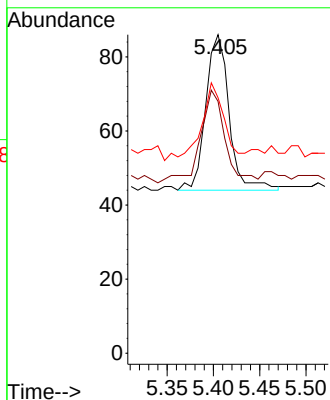
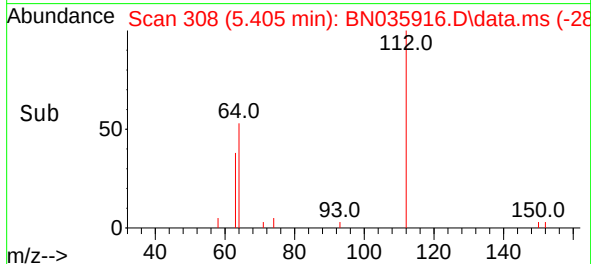


#4
2-Fluorophenol
Concen: 0.035 ng
RT: 5.405 min Scan# 308
Delta R.T. -0.004 min
Lab File: BN035916.D
Acq: 13 Jan 2025 11:20

Instrument :
BNA_N
ClientSampleId :

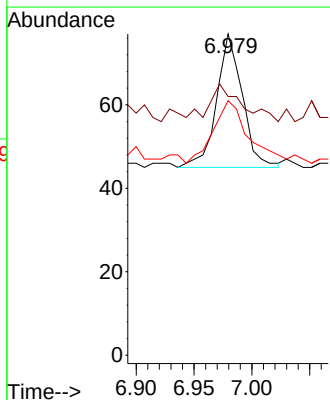
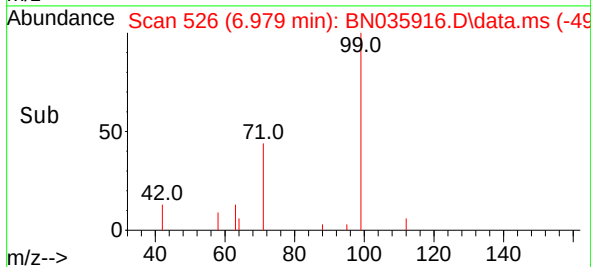
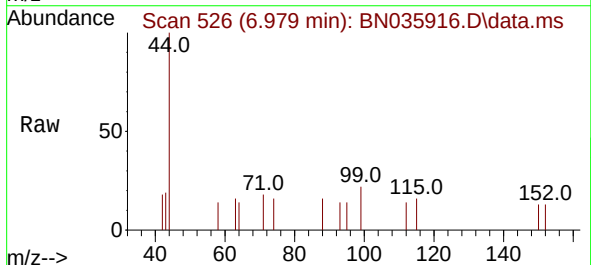


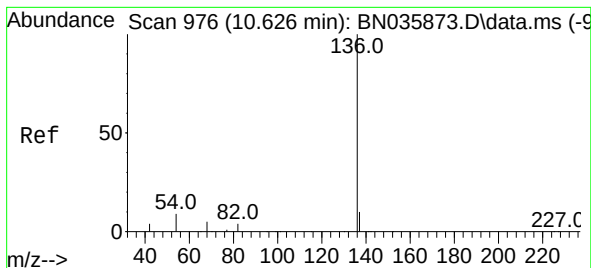
Tgt Ion:	112	Resp:	74
Ion	Ratio	Lower	Upper
112	100		
64	62.2	48.2	72.2
63	41.9	30.0	45.0



#5
Phenol-d6
Concen: 0.018 ng
RT: 6.979 min Scan# 526
Delta R.T. -0.004 min
Lab File: BN035916.D
Acq: 13 Jan 2025 11:20

Tgt Ion:	99	Resp:	49
Ion	Ratio	Lower	Upper
99	100		
42	40.8	23.5	35.3#
71	67.3	35.5	53.3#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.622 min Scan# 91

Delta R.T. -0.004 min

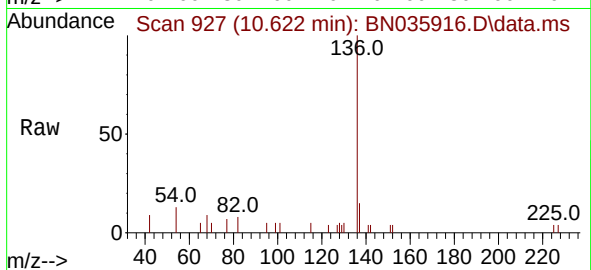
Lab File: BN035916.D

Acq: 13 Jan 2025 11:20

Instrument :

BNA_N

ClientSampleId :



Tgt Ion:136 Resp: 1614

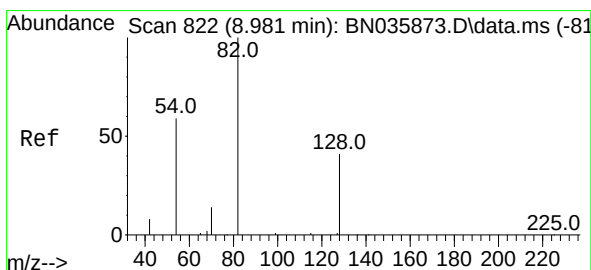
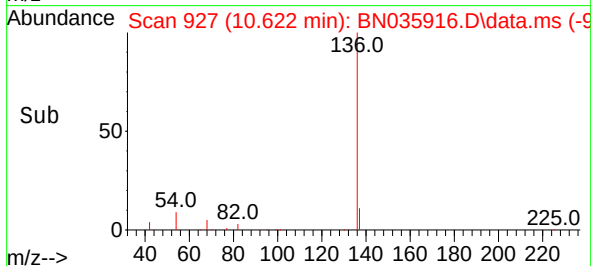
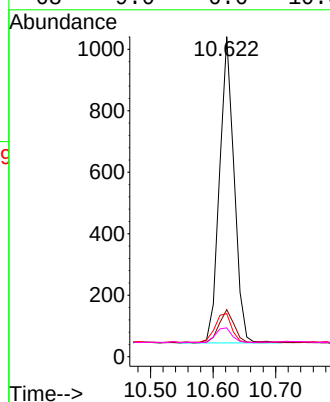
Ion Ratio Lower Upper

136 100

137 14.7 10.6 15.8

54 13.4 9.8 14.6

68 9.0 6.6 10.0



#8

Nitrobenzene-d5

Concen: 0.118 ng

RT: 8.977 min Scan# 773

Delta R.T. -0.004 min

Lab File: BN035916.D

Acq: 13 Jan 2025 11:20

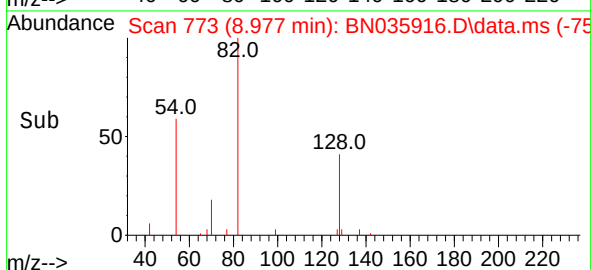
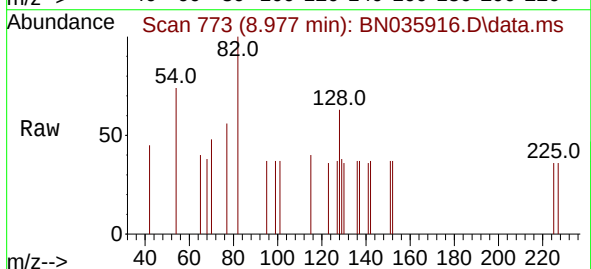
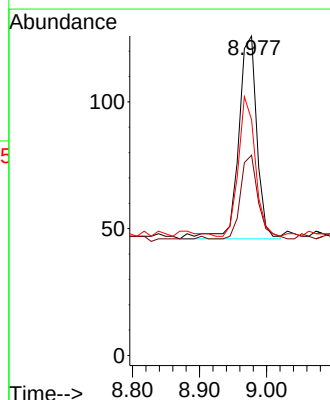
Tgt Ion: 82 Resp: 151

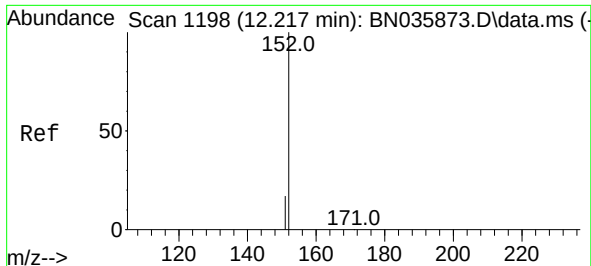
Ion Ratio Lower Upper

82 100

128 62.7 36.9 55.3#

54 73.8 50.4 75.6

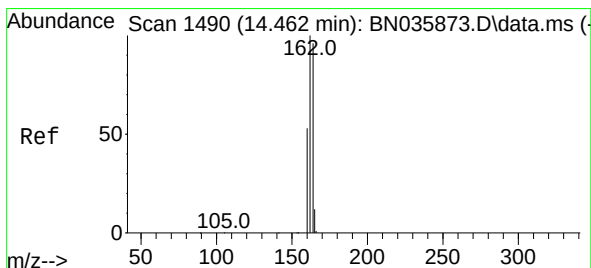
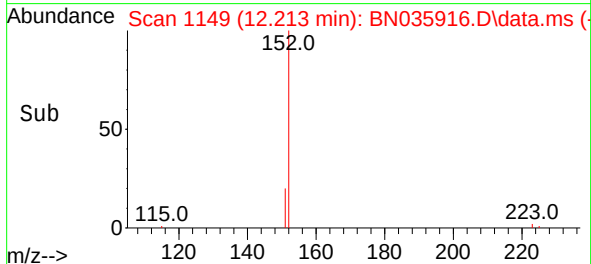
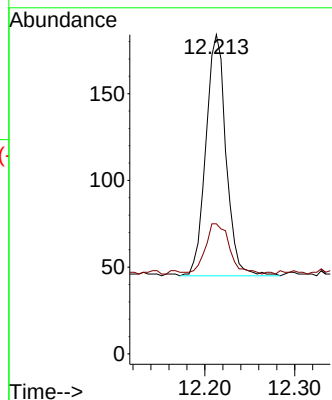
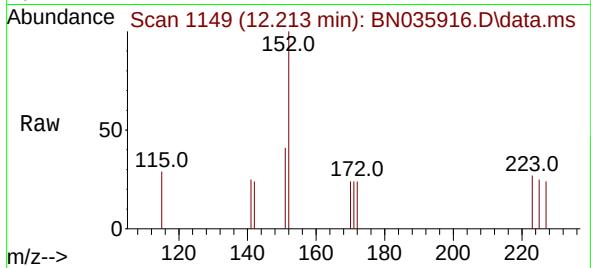




#11
2-Methylnaphthalene-d10
Concen: 0.100 ng
RT: 12.213 min Scan# 1198
Delta R.T. -0.004 min
Lab File: BN035916.D
Acq: 13 Jan 2025 11:20

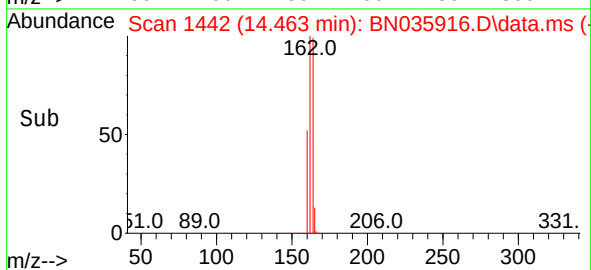
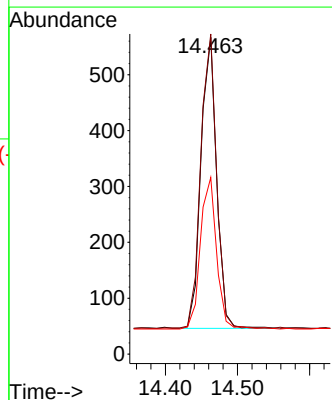
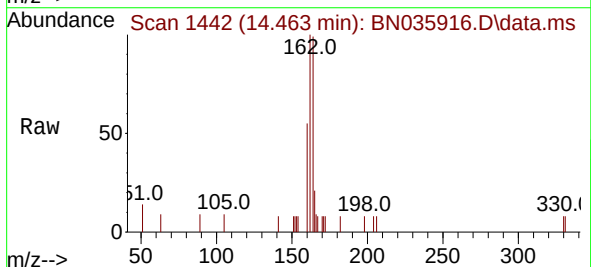
Instrument :
BNA_N
ClientSampleId :

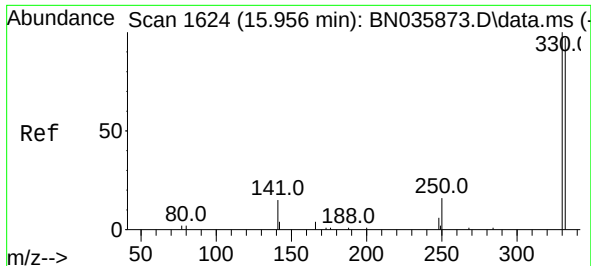
Tgt Ion:152 Resp: 217
Ion Ratio Lower Upper
152 100
151 24.9 17.0 25.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.463 min Scan# 1442
Delta R.T. 0.001 min
Lab File: BN035916.D
Acq: 13 Jan 2025 11:20

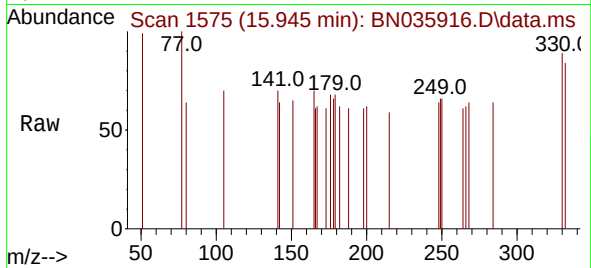
Tgt Ion:164 Resp: 789
Ion Ratio Lower Upper
164 100
162 101.1 83.1 124.7
160 55.7 46.0 69.0



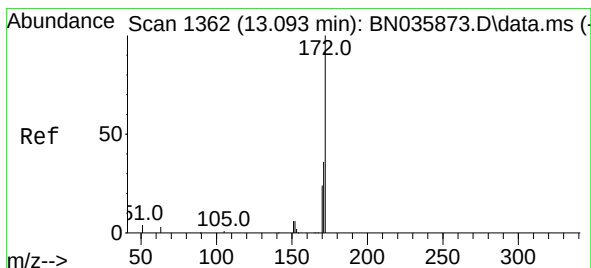
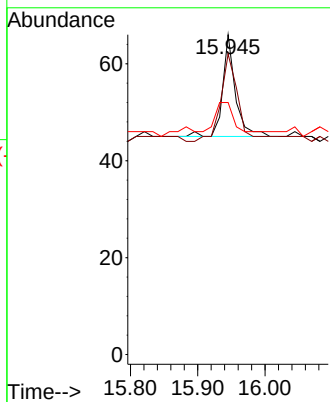
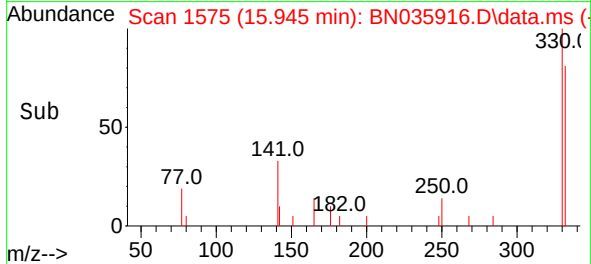


#14
2,4,6-Tribromophenol
Concen: 0.074 ng
RT: 15.945 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN035916.D
Acq: 13 Jan 2025 11:20

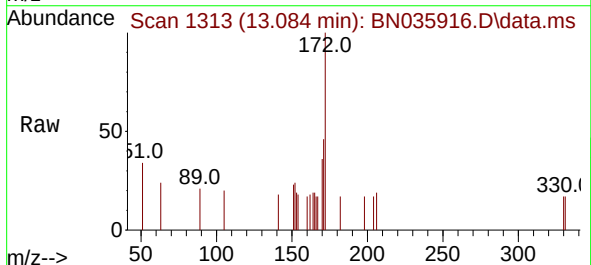
Instrument :
BNA_N
ClientSampleId :



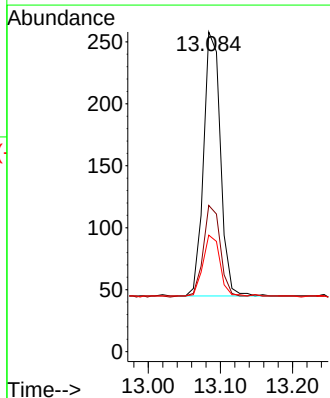
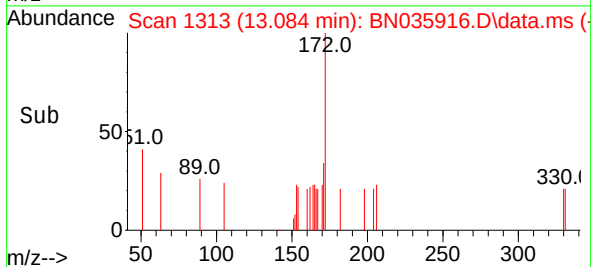
Tgt Ion:330 Resp: 28
Ion Ratio Lower Upper
330 100
332 110.7 77.2 115.8
141 46.4 31.6 47.4

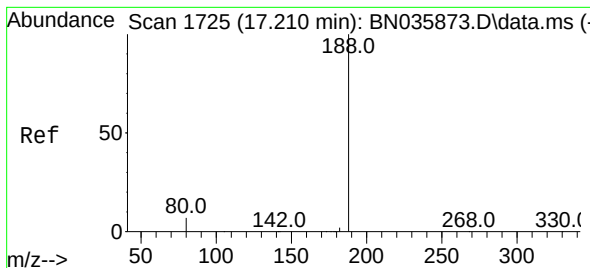


#15
2-Fluorobiphenyl
Concen: 0.100 ng
RT: 13.084 min Scan# 1313
Delta R.T. -0.010 min
Lab File: BN035916.D
Acq: 13 Jan 2025 11:20



Tgt Ion:172 Resp: 347
Ion Ratio Lower Upper
172 100
171 45.7 30.5 45.7#
170 36.4 20.8 31.2#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.199 min Scan# 1

Delta R.T. -0.011 min

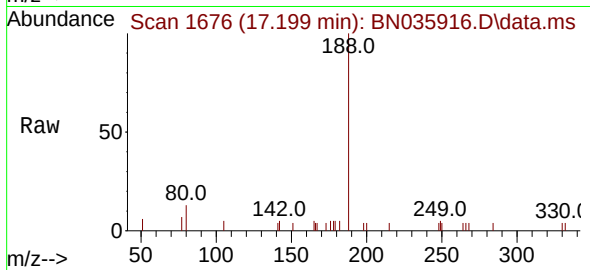
Lab File: BN035916.D

Acq: 13 Jan 2025 11:20

Instrument :

BNA_N

ClientSampleId :



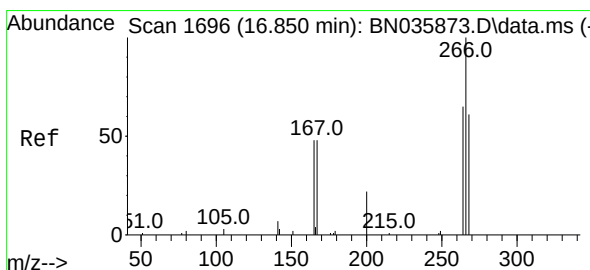
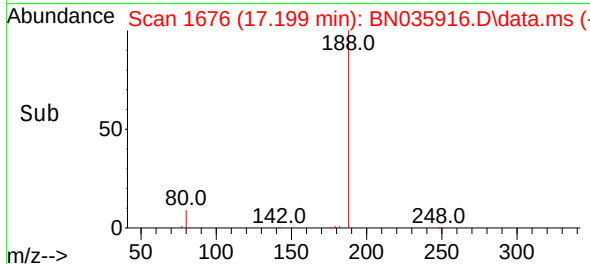
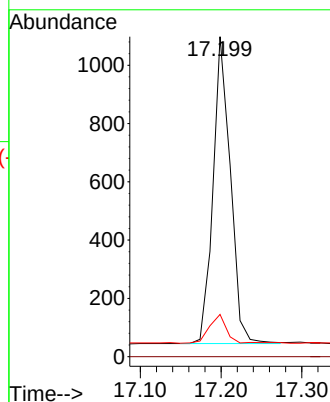
Tgt Ion:188 Resp: 1568

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.2 7.3 10.9#



#24

Pentachlorophenol

Concen: 0.027 ng

RT: 16.851 min Scan# 1648

Delta R.T. 0.001 min

Lab File: BN035916.D

Acq: 13 Jan 2025 11:20

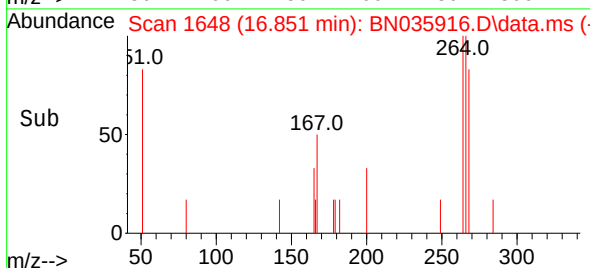
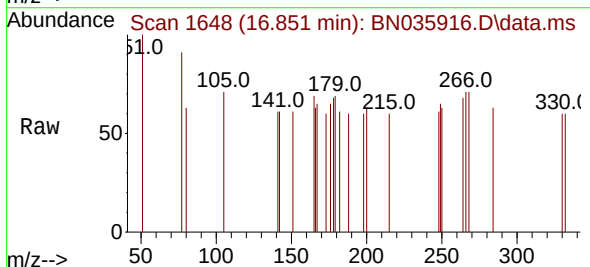
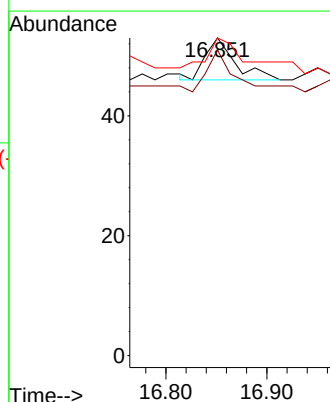
Tgt Ion:266 Resp: 14

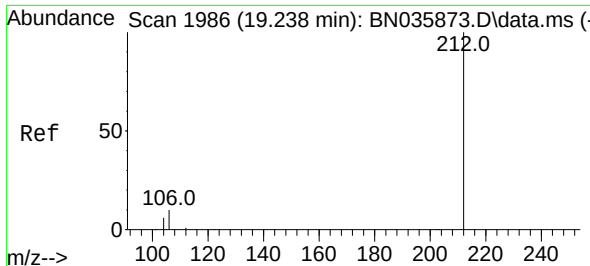
Ion Ratio Lower Upper

266 100

264 100.0 49.9 74.9#

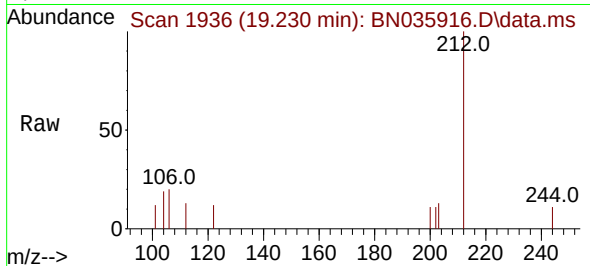
268 135.7 50.2 75.2#



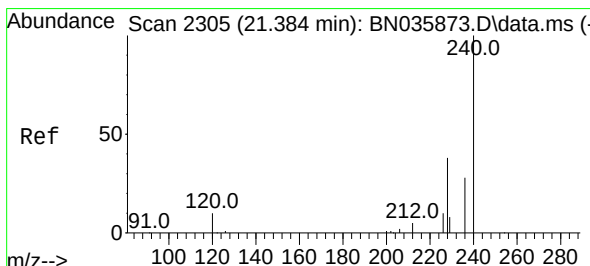
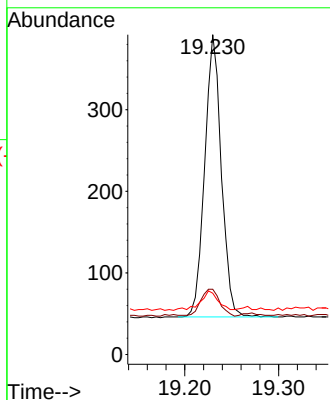
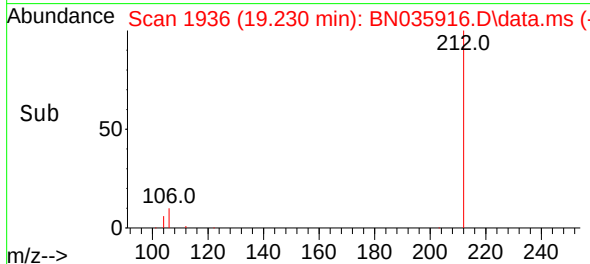


#27
Fluoranthene-d10
Concen: 0.109 ng
RT: 19.230 min Scan# 1936
Delta R.T. -0.008 min
Lab File: BN035916.D
Acq: 13 Jan 2025 11:20

Instrument :
BNA_N
ClientSampleId :

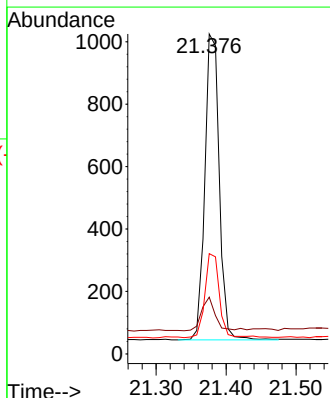
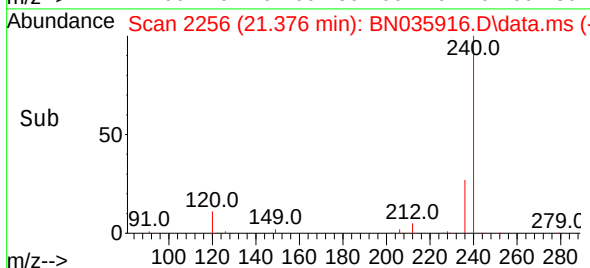
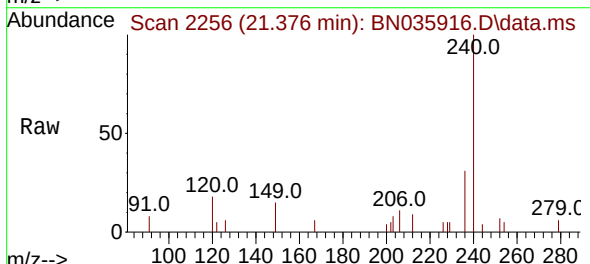


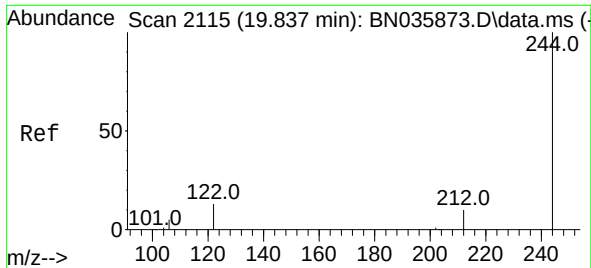
Tgt Ion:212 Resp: 426
Ion Ratio Lower Upper
212 100
106 10.8 9.0 13.6
104 7.3 5.4 8.2



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.376 min Scan# 2256
Delta R.T. -0.008 min
Lab File: BN035916.D
Acq: 13 Jan 2025 11:20

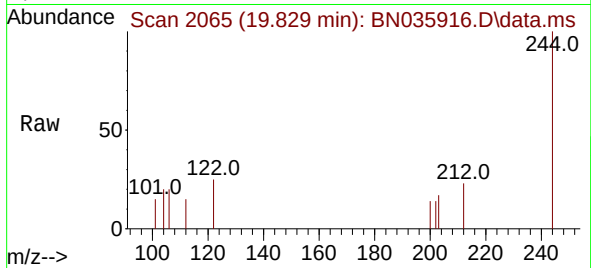
Tgt Ion:240 Resp: 1407
Ion Ratio Lower Upper
240 100
120 17.8 11.1 16.7#
236 31.3 24.6 36.8



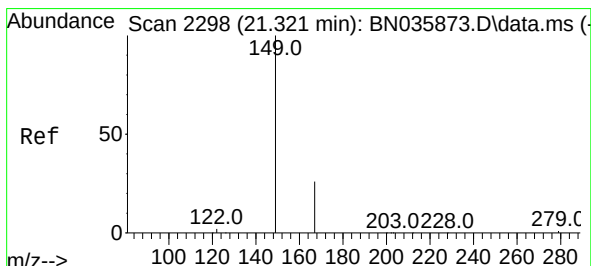
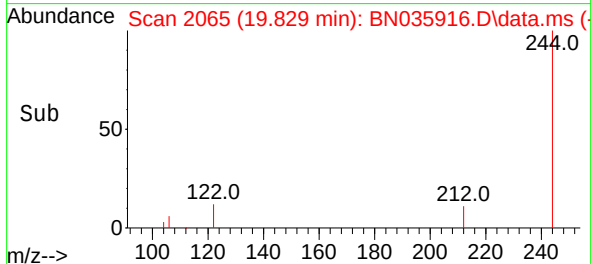
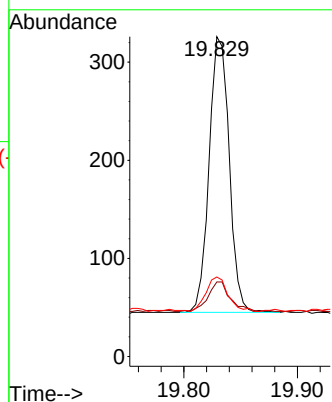


#31
 Terphenyl-d14
 Concen: 0.123 ng
 RT: 19.829 min Scan# 2065
 Delta R.T. -0.008 min
 Lab File: BN035916.D
 Acq: 13 Jan 2025 11:20

Instrument :
 BNA_N
 ClientSampleId :

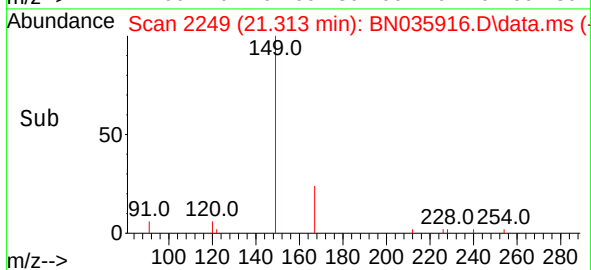
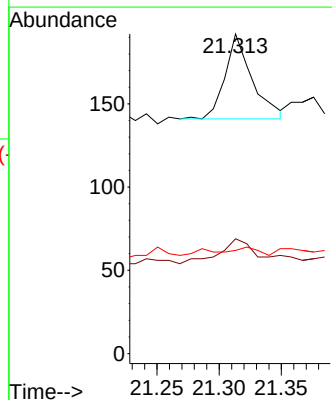
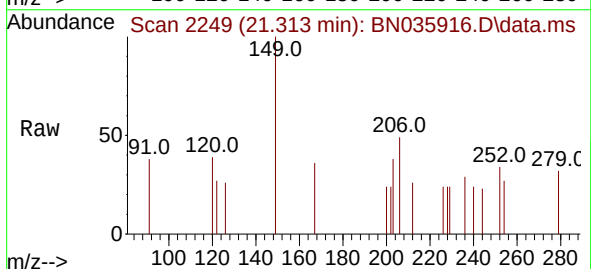


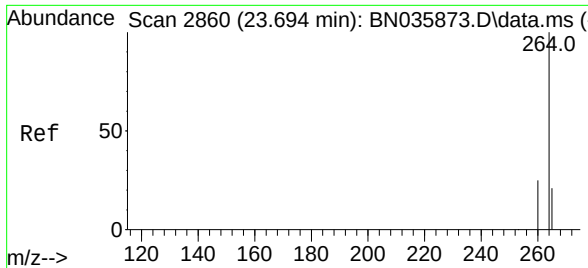
Tgt Ion:244 Resp: 345
 Ion Ratio Lower Upper
 244 100
 212 23.3 10.1 15.1#
 122 24.8 12.2 18.4#



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.038 ng
 RT: 21.313 min Scan# 2249
 Delta R.T. -0.008 min
 Lab File: BN035916.D
 Acq: 13 Jan 2025 11:20

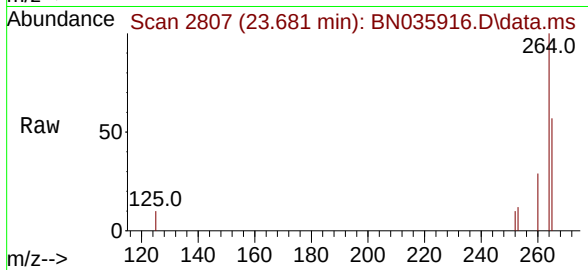
Tgt Ion:149 Resp: 77
 Ion Ratio Lower Upper
 149 100
 167 44.2 21.4 32.0#
 279 7.8 3.0 4.6#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.681 min Scan# 21
Delta R.T. -0.013 min
Lab File: BN035916.D
Acq: 13 Jan 2025 11:20

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:264 Resp: 1618
Ion Ratio Lower Upper
264 100
260 29.2 21.7 32.5
265 57.5 33.9 50.9#

