

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121924\
 Data File : BN035742.D
 Acq On : 20 Dec 2024 15:18
 Operator : RC/JU
 Sample : P5281-01
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE114D1-20241212

Quant Time: Dec 20 17:13:08 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)

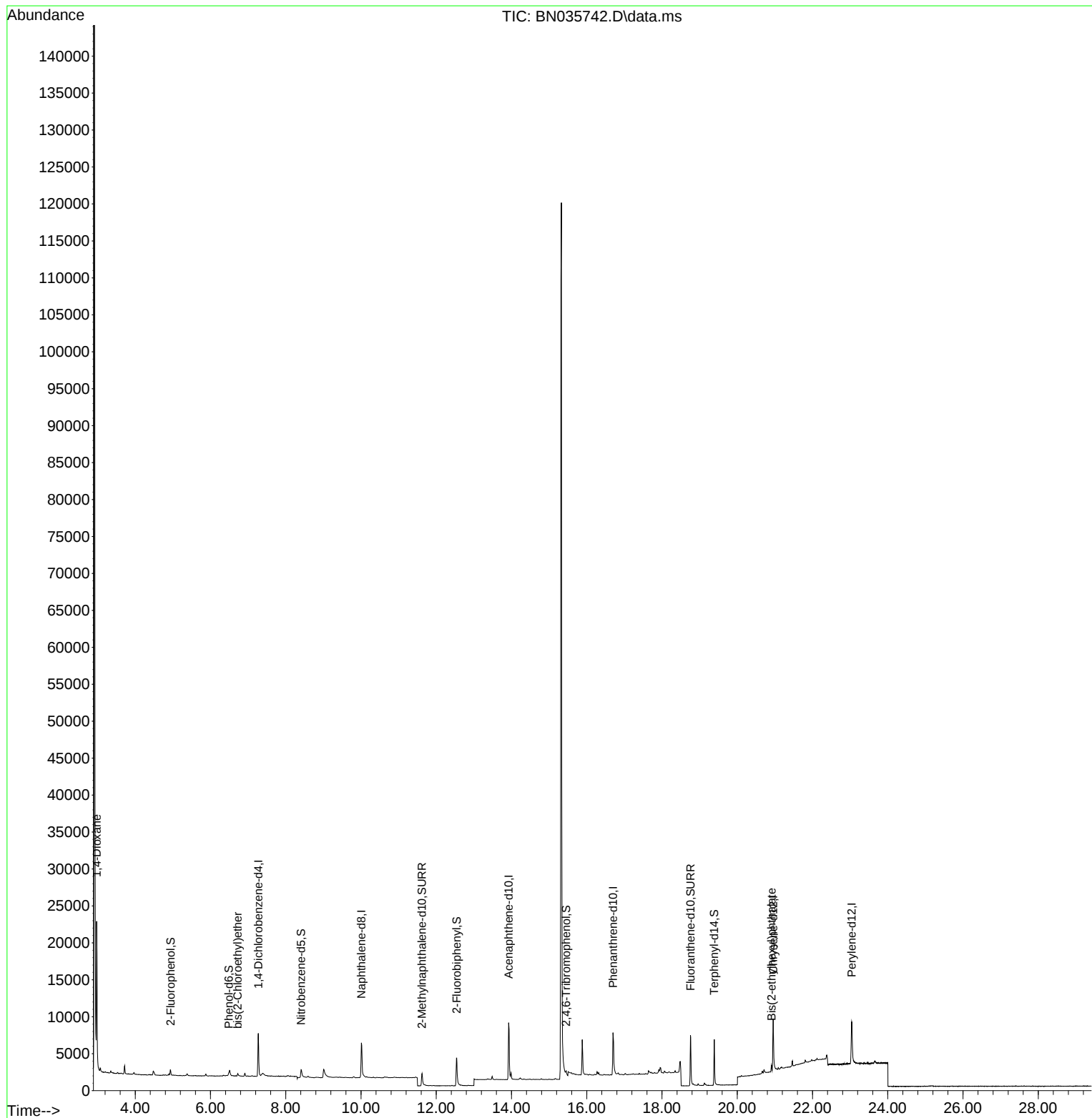
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.272	152	3072	0.400	ng	0.00
7) Naphthalene-d8	10.009	136	8100	0.400	ng	-0.01
13) Acenaphthene-d10	13.925	164	5112	0.400	ng	-0.01
19) Phenanthrene-d10	16.698	188	9978	0.400	ng	# 0.00
29) Chrysene-d12	20.956	240	8603	0.400	ng	0.00
35) Perylene-d12	23.041	264	8488	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.939	112	718	0.093	ng	0.00
5) Phenol-d6	6.484	99	450	0.049	ng	0.00
8) Nitrobenzene-d5	8.408	82	1766	0.357	ng	0.00
11) 2-Methylnaphthalene-d10	11.621	152	3379	0.267	ng	0.00
14) 2,4,6-Tribromophenol	15.453	330	542	0.149	ng	0.00
15) 2-Fluorobiphenyl	12.544	172	4845	0.251	ng	0.00
27) Fluoranthene-d10	18.757	212	9298	0.329	ng	0.00
31) Terphenyl-d14	19.389	244	7270	0.428	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.974	88	12247	4.170	ng	98
6) bis(2-Chloroethyl)ether	6.723	93	341	0.044	ng	98
34) Bis(2-ethylhexyl)phtha...	20.911	149	906	0.076	ng	# 95

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

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RE114D1-20241212

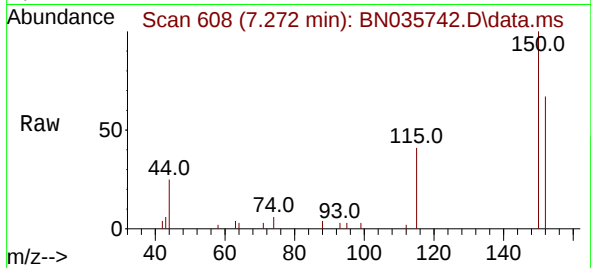
Quant Time: Dec 20 17:13:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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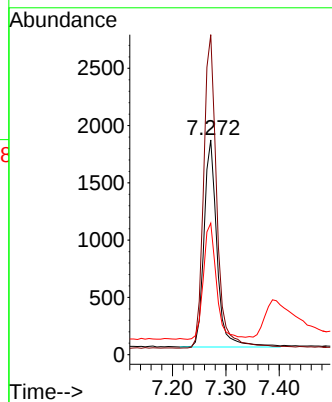
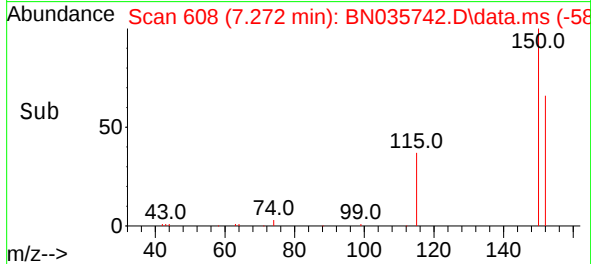


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.272 min Scan# 60
 Delta R.T. -0.000 min
 Lab File: BN035742.D
 Acq: 20 Dec 2024 15:18

Instrument :
 BNA_N
 ClientSampleId :
 RE114D1-20241212

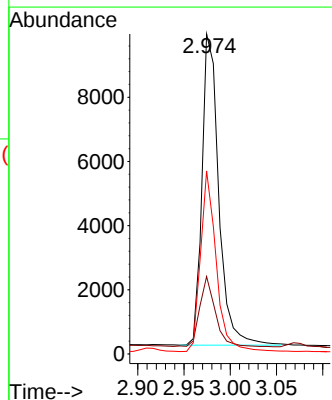
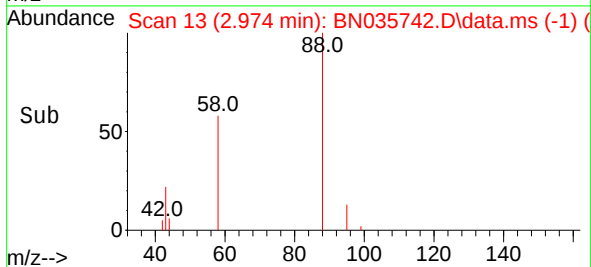
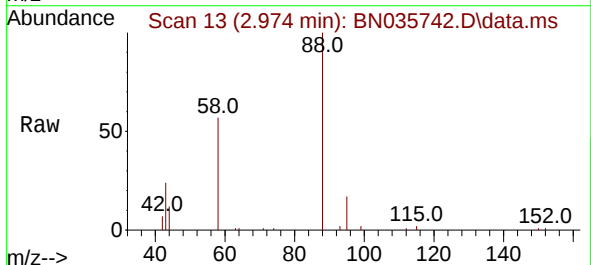


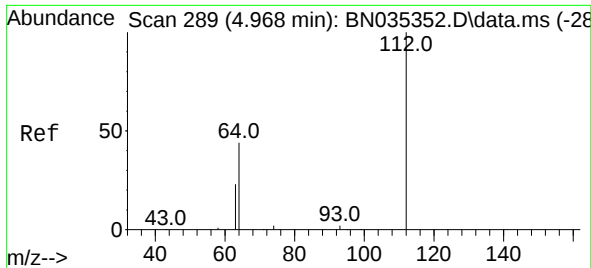
Tgt Ion:152 Resp: 3072
 Ion Ratio Lower Upper
 152 100
 150 149.0 124.0 186.0
 115 61.2 49.6 74.4



#2
 1,4-Dioxane
 Concen: 4.170 ng
 RT: 2.974 min Scan# 13
 Delta R.T. -0.007 min
 Lab File: BN035742.D
 Acq: 20 Dec 2024 15:18

Tgt Ion: 88 Resp: 12247
 Ion Ratio Lower Upper
 88 100
 43 21.0 17.2 25.8
 58 54.3 44.5 66.7

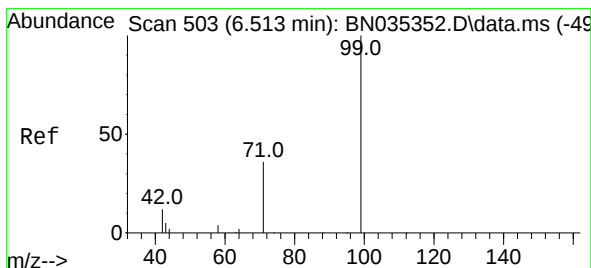
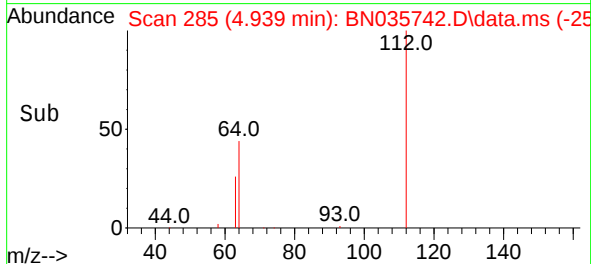
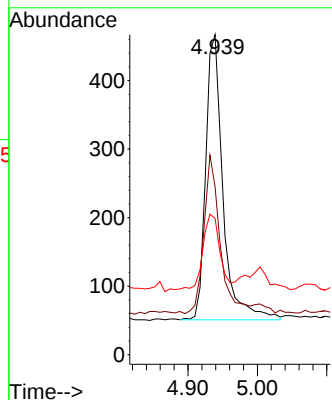
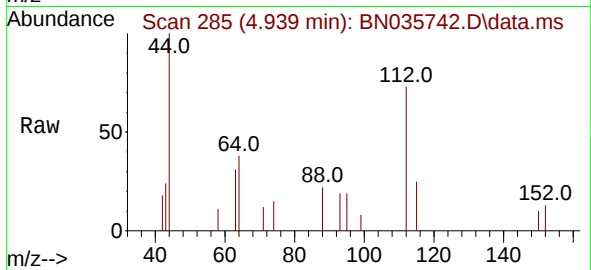




#4
2-Fluorophenol
Concen: 0.093 ng
RT: 4.939 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN035742.D
Acq: 20 Dec 2024 15:18

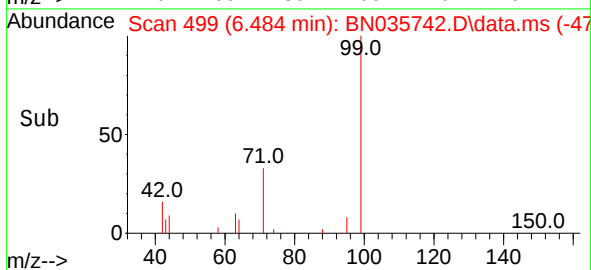
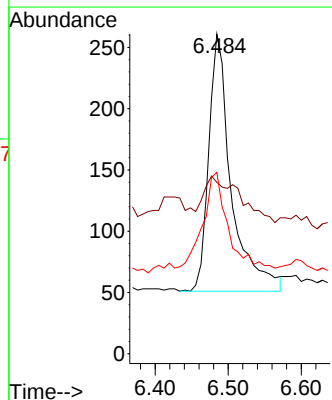
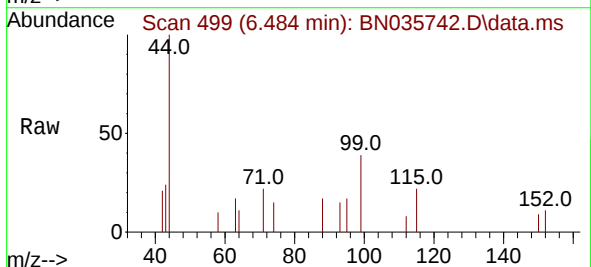
Instrument :
BNA_N
ClientSampleId :
RE114D1-20241212

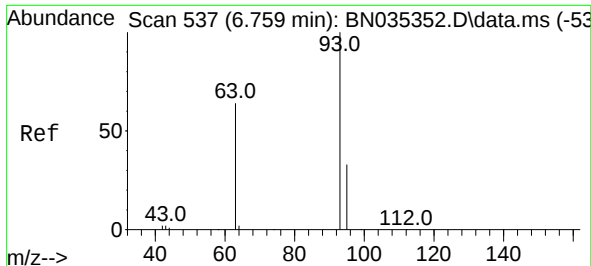
Tgt Ion:112 Resp: 718
Ion Ratio Lower Upper
112 100
64 52.1 39.8 59.8
63 25.9 21.0 31.6



#5
Phenol-d6
Concen: 0.049 ng
RT: 6.484 min Scan# 499
Delta R.T. -0.007 min
Lab File: BN035742.D
Acq: 20 Dec 2024 15:18

Tgt Ion: 99 Resp: 450
Ion Ratio Lower Upper
99 100
42 28.4 11.4 17.2#
71 44.2 29.3 43.9#

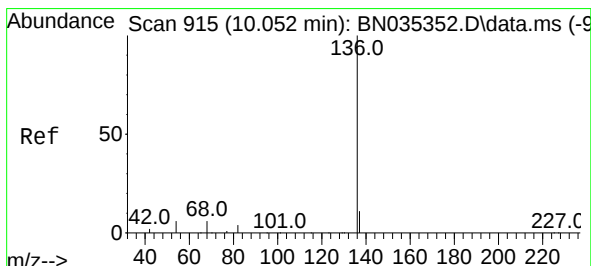
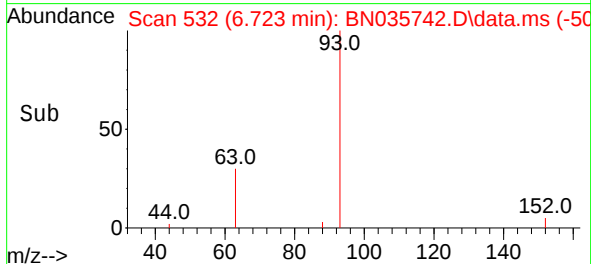
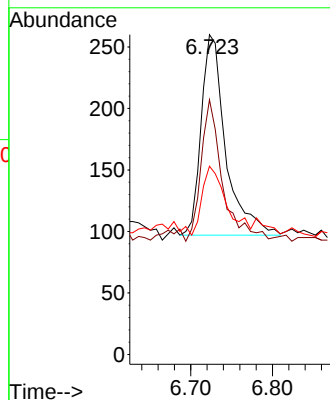
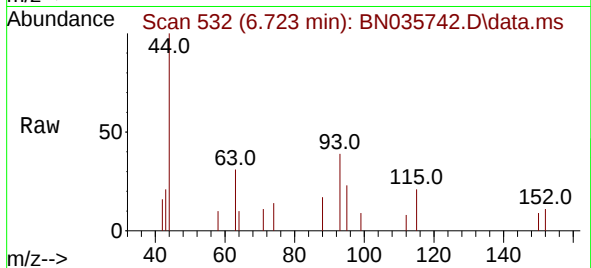




#6
bis(2-Chloroethyl)ether
Concen: 0.044 ng
RT: 6.723 min Scan# 537
Delta R.T. -0.007 min
Lab File: BN035742.D
Acq: 20 Dec 2024 15:18

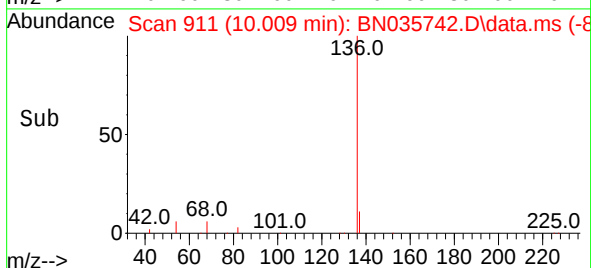
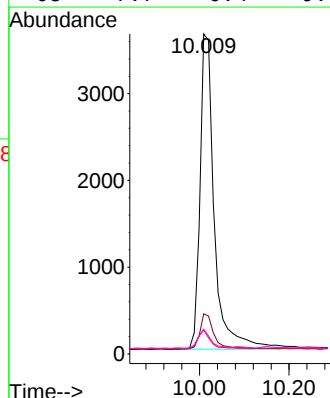
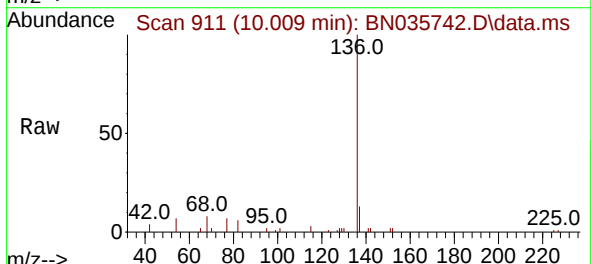
Instrument :
BNA_N
ClientSampleId :
RE114D1-20241212

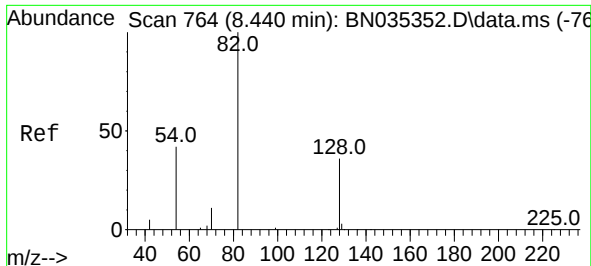
Tgt Ion: 93	Resp:	341
Ion	Ratio	Lower Upper
93	100	
63	62.2	50.4 75.6
95	33.4	25.7 38.5



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.009 min Scan# 911
Delta R.T. -0.011 min
Lab File: BN035742.D
Acq: 20 Dec 2024 15:18

Tgt Ion: 136	Resp:	8100
Ion	Ratio	Lower Upper
136	100	
137	12.5	10.2 15.2
54	7.4	6.1 9.1
68	7.7	6.4 9.6

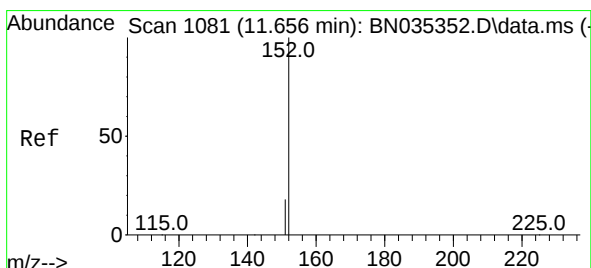
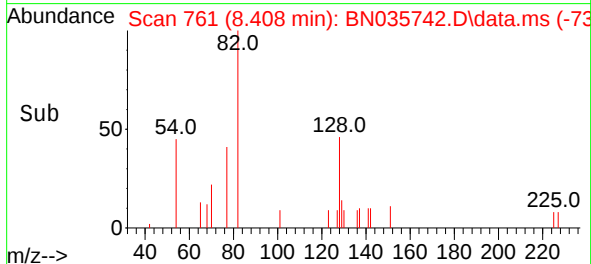
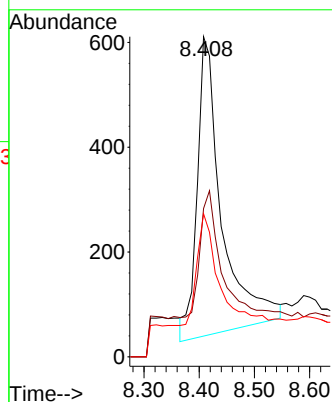
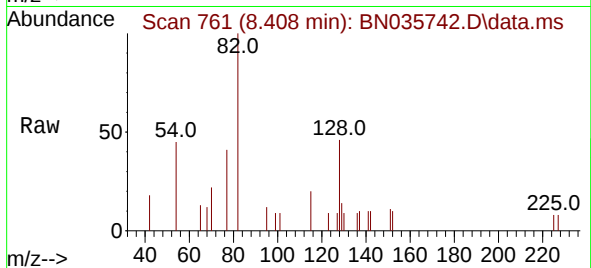




#8
Nitrobenzene-d5
Concen: 0.357 ng
RT: 8.408 min Scan# 71
Delta R.T. -0.000 min
Lab File: BN035742.D
Acq: 20 Dec 2024 15:18

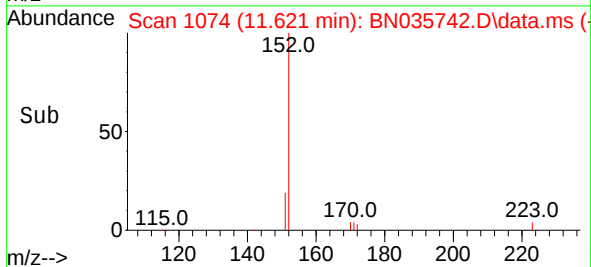
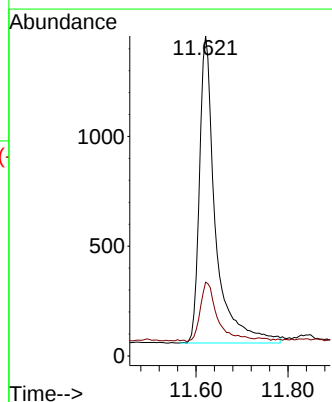
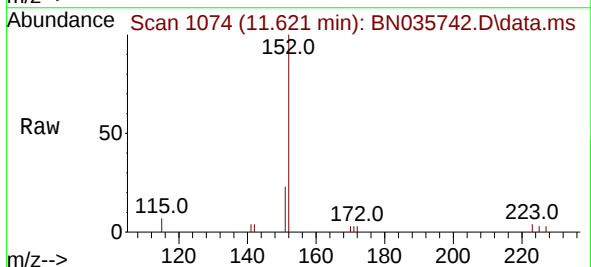
Instrument :
BNA_N
ClientSampleId :
RE114D1-20241212

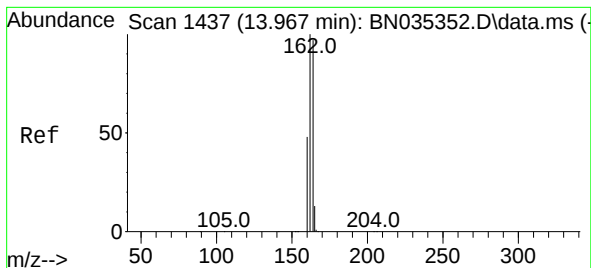
Tgt Ion: 82 Resp: 1766
Ion Ratio Lower Upper
82 100
128 46.3 33.4 50.0
54 44.7 36.7 55.1



#11
2-Methylnaphthalene-d10
Concen: 0.267 ng
RT: 11.621 min Scan# 1074
Delta R.T. -0.000 min
Lab File: BN035742.D
Acq: 20 Dec 2024 15:18

Tgt Ion: 152 Resp: 3379
Ion Ratio Lower Upper
152 100
151 21.4 16.6 25.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 13.925 min Scan# 1433

Delta R.T. -0.011 min

Lab File: BN035742.D

Acq: 20 Dec 2024 15:18

Instrument :

BNA_N

ClientSampleId :

RE114D1-20241212

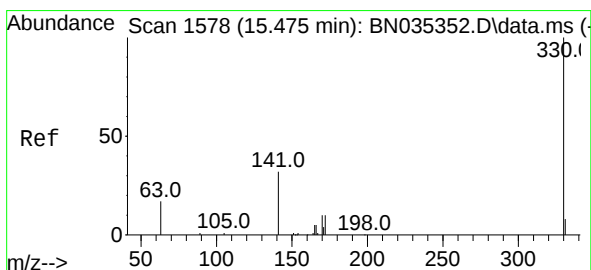
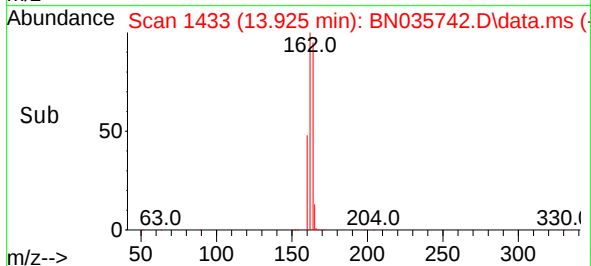
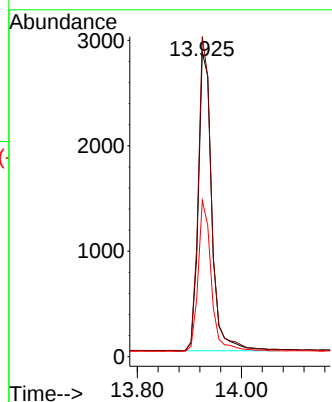
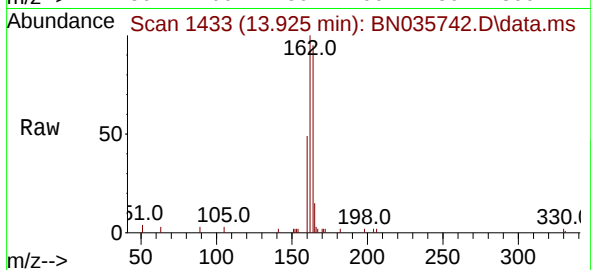
Tgt Ion:164 Resp: 5112

Ion Ratio Lower Upper

164 100

162 105.1 82.2 123.2

160 51.3 40.1 60.1



#14

2,4,6-Tribromophenol

Concen: 0.149 ng

RT: 15.453 min Scan# 1576

Delta R.T. -0.000 min

Lab File: BN035742.D

Acq: 20 Dec 2024 15:18

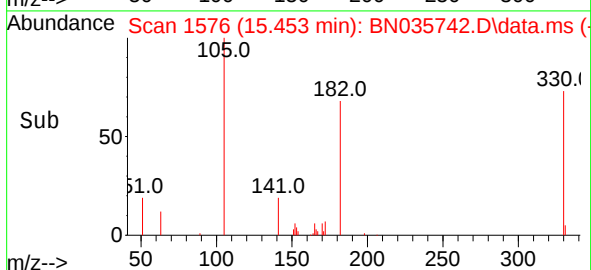
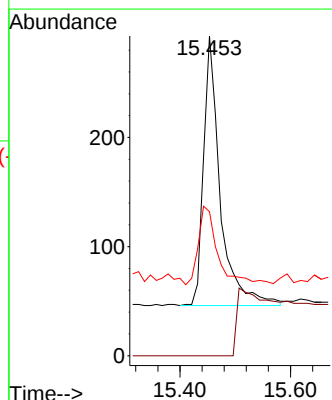
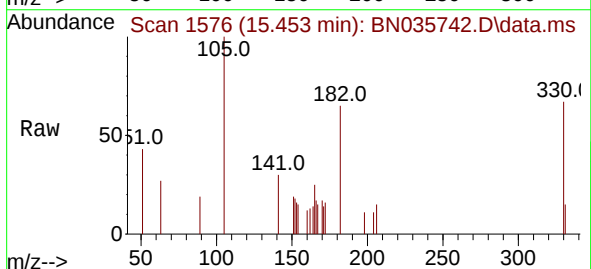
Tgt Ion:330 Resp: 542

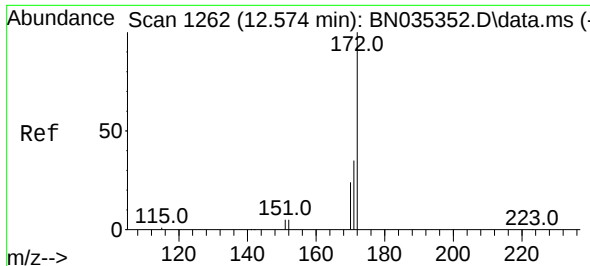
Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 33.9 26.6 40.0





#15

2-Fluorobiphenyl

Concen: 0.251 ng

RT: 12.544 min Scan# 1677

Delta R.T. -0.000 min

Lab File: BN035742.D

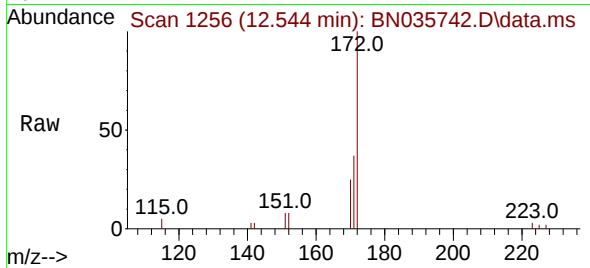
Acq: 20 Dec 2024 15:18

Instrument :

BNA_N

ClientSampleId :

RE114D1-20241212



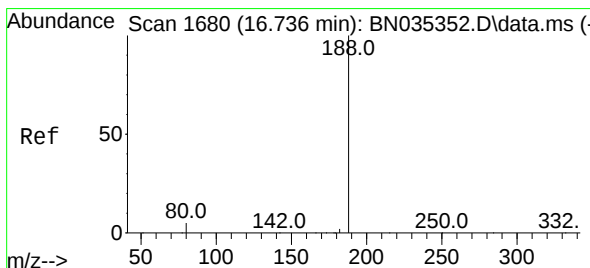
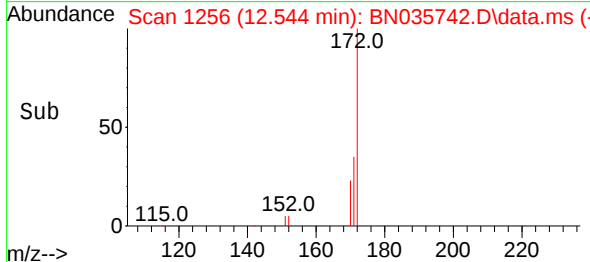
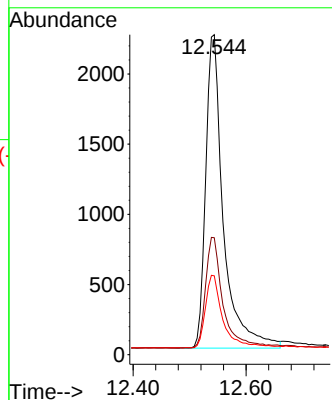
Tgt Ion:172 Resp: 4845

Ion Ratio Lower Upper

172 100

171 36.6 29.0 43.4

170 24.6 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: BN035742.D

Acq: 20 Dec 2024 15:18

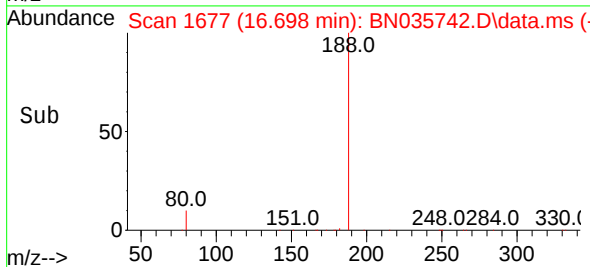
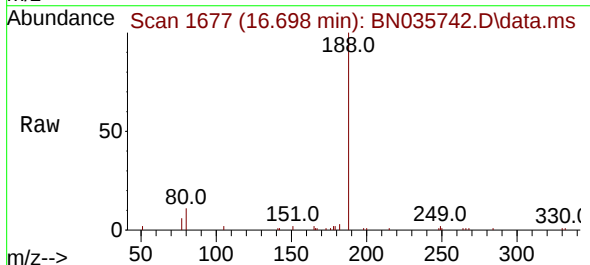
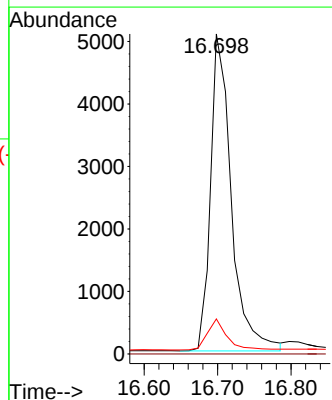
Tgt Ion:188 Resp: 9978

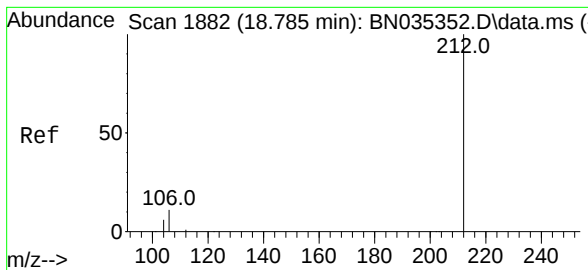
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.9 4.6 6.8#

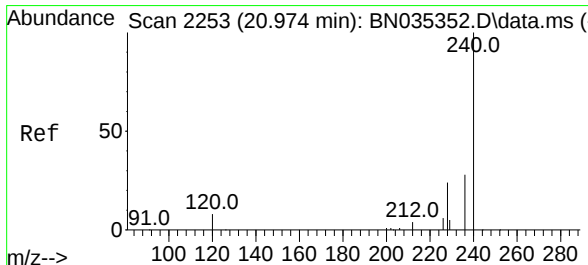
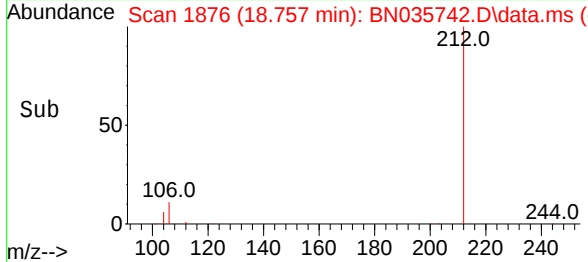
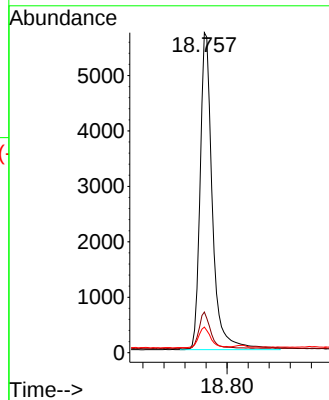
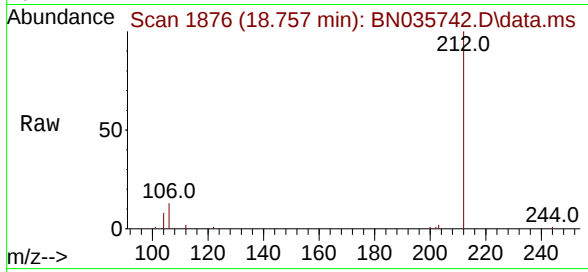




#27
Fluoranthene-d10
Concen: 0.329 ng
RT: 18.757 min Scan# 1876
Delta R.T. -0.005 min
Lab File: BN035742.D
Acq: 20 Dec 2024 15:18

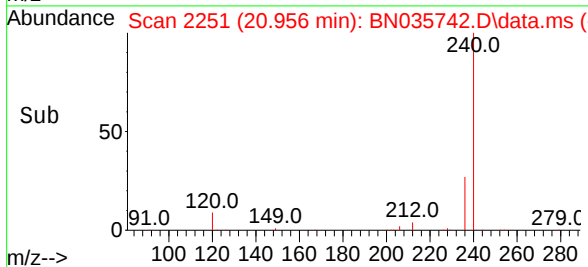
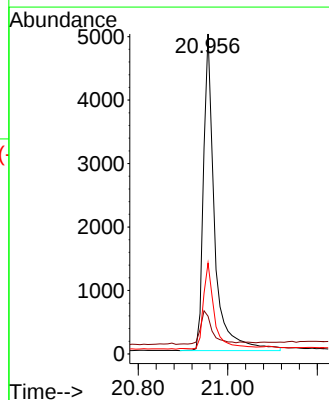
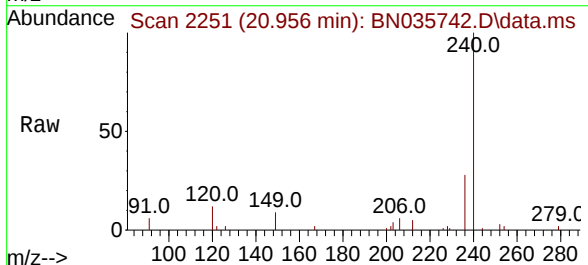
Instrument :
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RE114D1-20241212

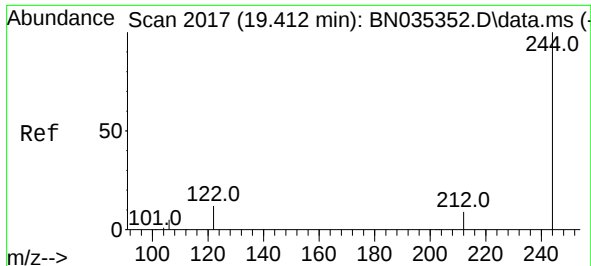
Tgt Ion:212 Resp: 9298
Ion Ratio Lower Upper
212 100
106 11.4 9.2 13.8
104 6.5 5.3 7.9



#29
Chrysene-d12
Concen: 0.400 ng
RT: 20.956 min Scan# 2251
Delta R.T. -0.000 min
Lab File: BN035742.D
Acq: 20 Dec 2024 15:18

Tgt Ion:240 Resp: 8603
Ion Ratio Lower Upper
240 100
120 11.8 7.9 11.9
236 28.4 22.9 34.3

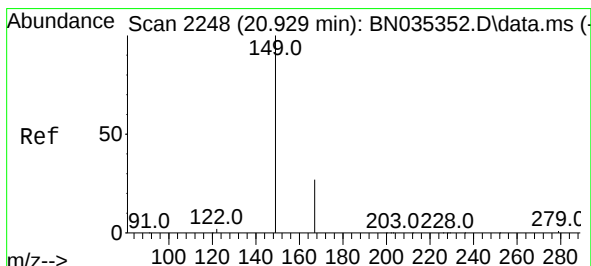
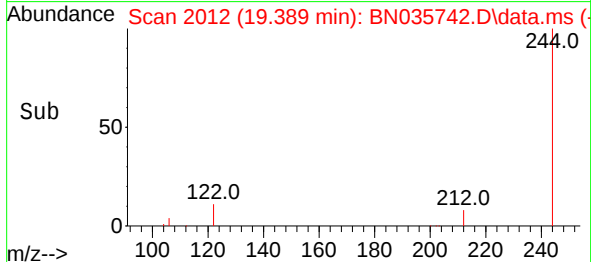
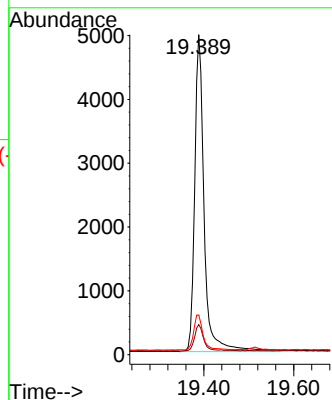
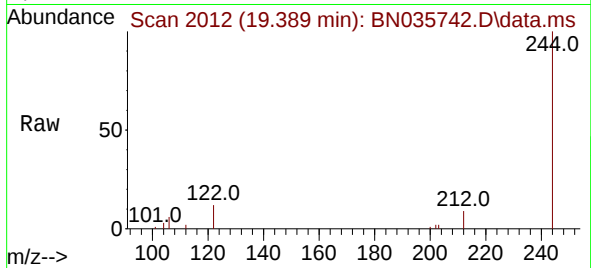




#31
 Terphenyl-d14
 Concen: 0.428 ng
 RT: 19.389 min Scan# 2017
 Delta R.T. -0.000 min
 Lab File: BN035742.D
 Acq: 20 Dec 2024 15:18

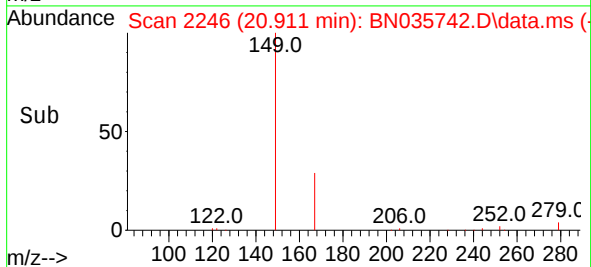
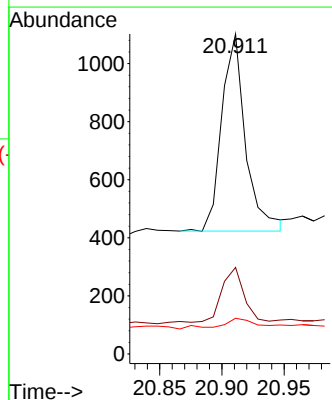
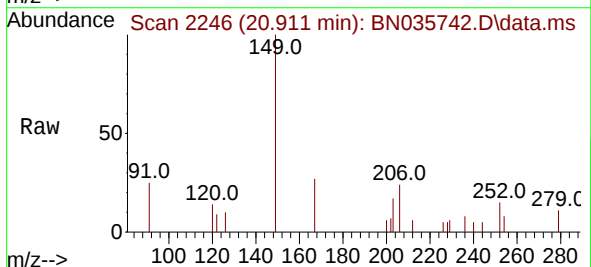
Instrument :
 BNA_N
 ClientSampleId :
 RE114D1-20241212

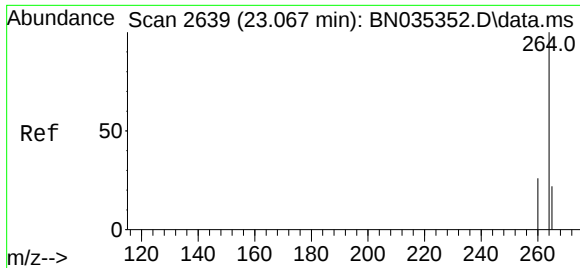
Tgt Ion:244 Resp: 7270
 Ion Ratio Lower Upper
 244 100
 212 9.4 8.1 12.1
 122 12.4 10.3 15.5



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.076 ng
 RT: 20.911 min Scan# 2246
 Delta R.T. -0.000 min
 Lab File: BN035742.D
 Acq: 20 Dec 2024 15:18

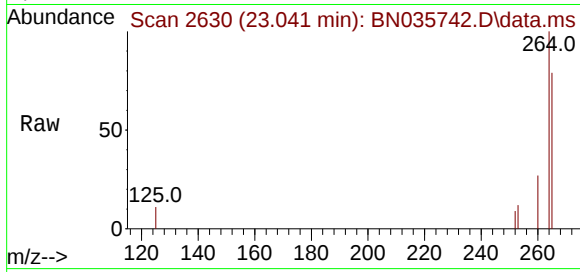
Tgt Ion:149 Resp: 906
 Ion Ratio Lower Upper
 149 100
 167 25.8 22.2 33.4
 279 7.8 2.7 4.1#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.041 min Scan# 20
Delta R.T. -0.000 min
Lab File: BN035742.D
Acq: 20 Dec 2024 15:18

Instrument :
BNA_N
ClientSampleId :
RE114D1-20241212



Tgt Ion:264 Resp: 8488
Ion Ratio Lower Upper
264 100
260 26.7 21.4 32.2
265 78.9 40.2 60.4#

