

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100824\
 Data File : BN034475.D
 Acq On : 08 Oct 2024 17:24
 Operator : RC/JU
 Sample : P4226-06
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT149S1-20240924

Quant Time: Oct 08 18:06:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 26 14:44:02 2024
 Response via : Initial Calibration

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

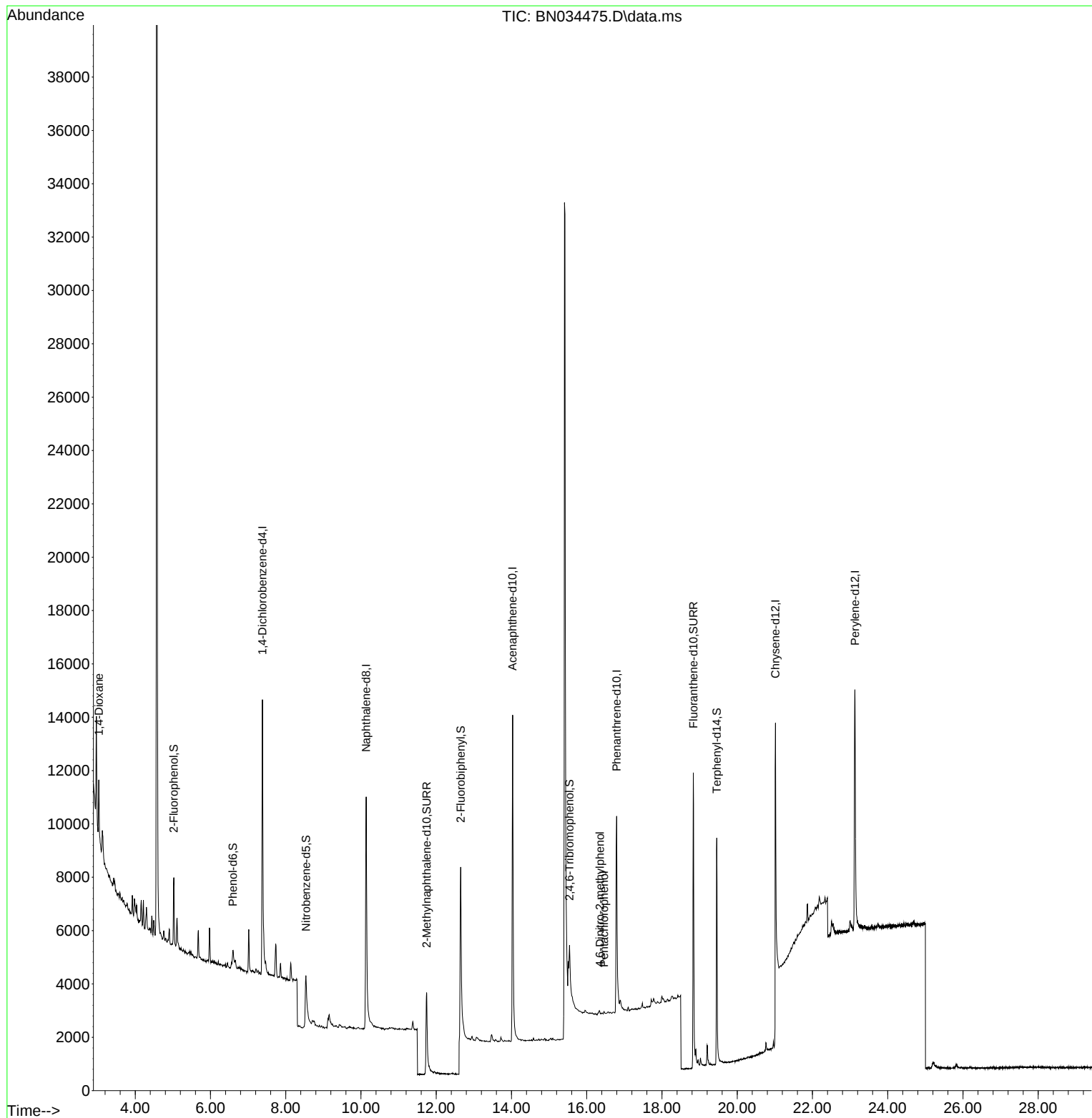
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.380	152	5649	0.400	ng	-0.01
7) Naphthalene-d8	10.137	136	15544	0.400	ng	-0.01
13) Acenaphthene-d10	14.030	164	8475	0.400	ng	-0.02
19) Phenanthrene-d10	16.796	188	13867	0.400	ng	0.00
29) Chrysene-d12	21.017	240	11007	0.400	ng	0.00
35) Perylene-d12	23.127	264	12641	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.025	112	2146	0.134	ng	0.00
5) Phenol-d6	6.593	99	948	0.051	ng	0.00
8) Nitrobenzene-d5	8.536	82	2991	0.252	ng	0.00
11) 2-Methylnaphthalene-d10	11.742	152	6422	0.280	ng	-0.01
14) 2,4,6-Tribromophenol	15.542	330	1220	0.318	ng	0.00
15) 2-Fluorobiphenyl	12.651	172	8973	0.260	ng	0.00
27) Fluoranthene-d10	18.834	212	14166	0.405	ng	-0.01
31) Terphenyl-d14	19.456	244	9719	0.442	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.032	88	1435	0.203	ng	# 47
20) 4,6-Dinitro-2-methylph...	16.349	198	7	0.140	ng	# 1
24) Pentachlorophenol	16.461	266	71	0.025	ng	# 70

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

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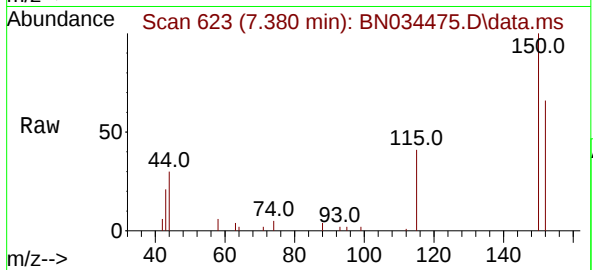
Quant Time: Oct 08 18:06:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
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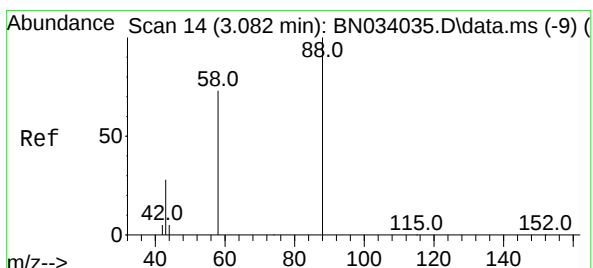
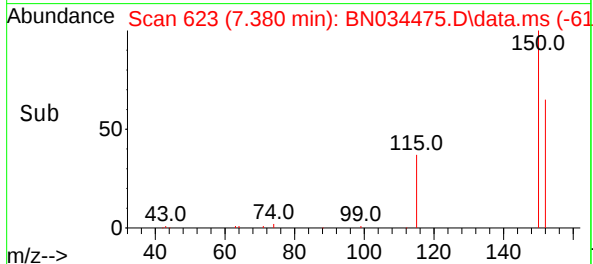
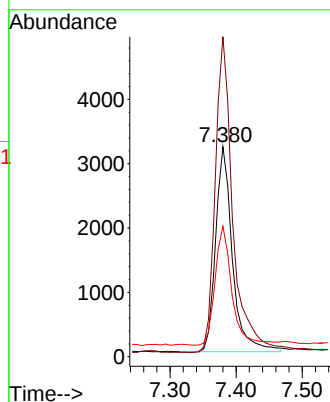


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.380 min Scan# 61
Delta R.T. -0.014 min
Lab File: BN034475.D
Acq: 08 Oct 2024 17:24

Instrument :
BNA_N
ClientSampleId :
TT149S1-20240924

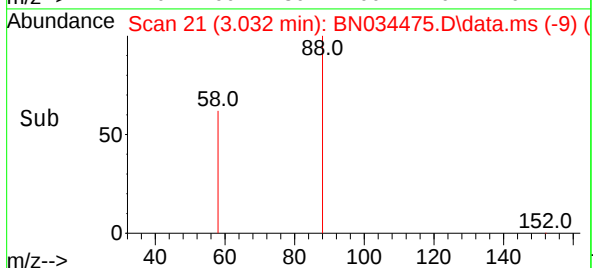
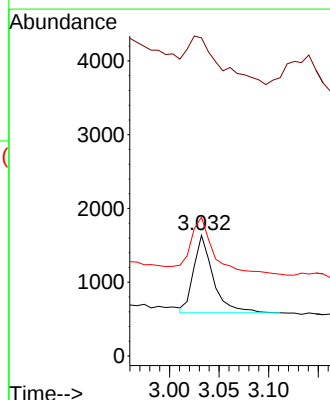
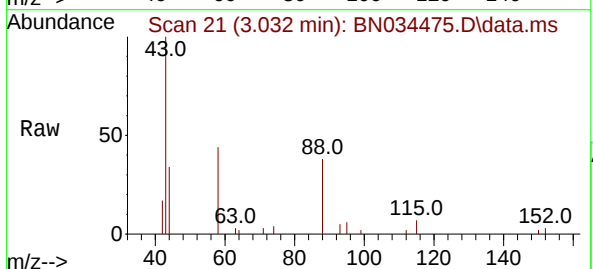


Tgt Ion:152 Resp: 5649
Ion Ratio Lower Upper
152 100
150 152.5 124.6 187.0
115 62.2 50.0 75.0



#2
1,4-Dioxane
Concen: 0.203 ng
RT: 3.032 min Scan# 21
Delta R.T. -0.014 min
Lab File: BN034475.D
Acq: 08 Oct 2024 17:24

Tgt Ion: 88 Resp: 1435
Ion Ratio Lower Upper
88 100
43 102.4 25.8 38.8#
58 91.0 58.8 88.2#

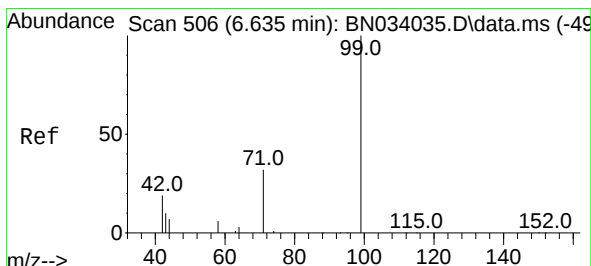
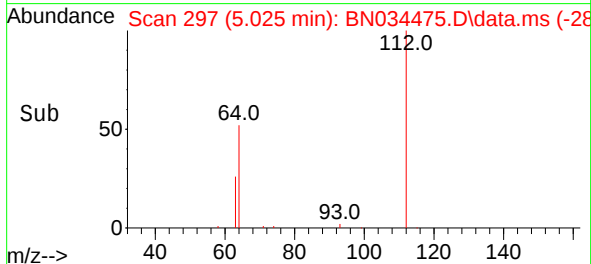
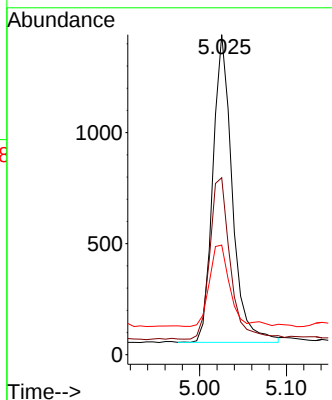
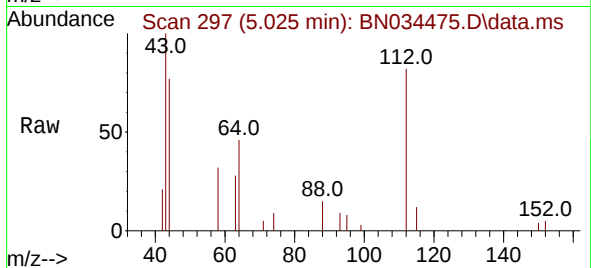




#4
2-Fluorophenol
Concen: 0.134 ng
RT: 5.025 min Scan# 2146
Delta R.T. -0.007 min
Lab File: BN034475.D
Acq: 08 Oct 2024 17:24

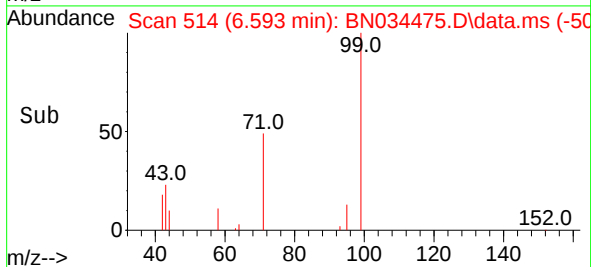
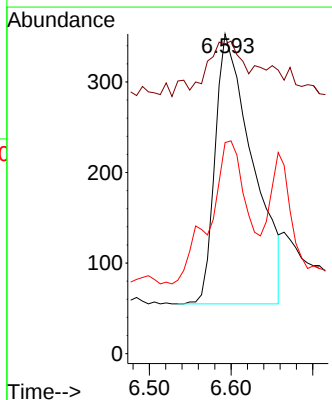
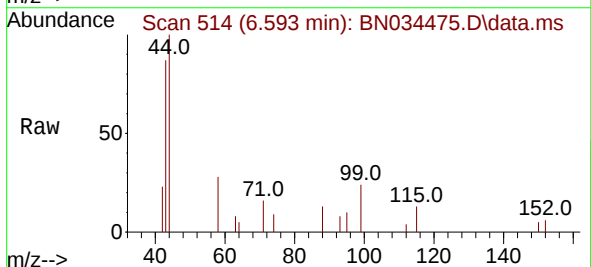
Instrument :
BNA_N
ClientSampleId :
TT149S1-20240924

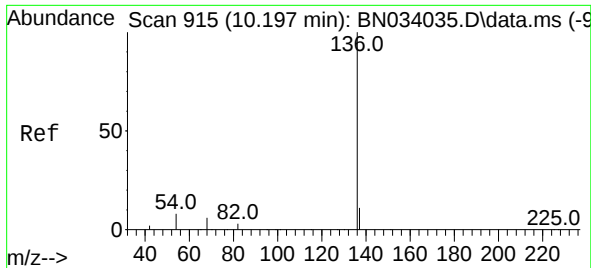
Tgt Ion:112 Resp: 2146
Ion Ratio Lower Upper
112 100
64 55.1 48.6 72.8
63 27.9 25.6 38.4



#5
Phenol-d6
Concen: 0.051 ng
RT: 6.593 min Scan# 514
Delta R.T. -0.007 min
Lab File: BN034475.D
Acq: 08 Oct 2024 17:24

Tgt Ion: 99 Resp: 948
Ion Ratio Lower Upper
99 100
42 15.2 17.8 26.8#
71 53.1 26.2 39.2#

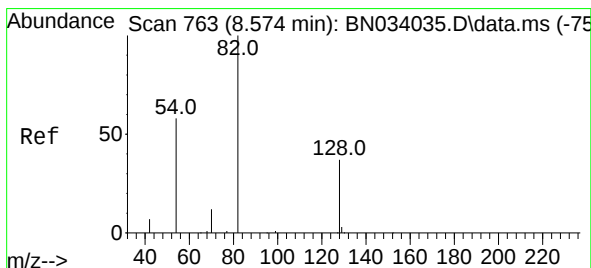
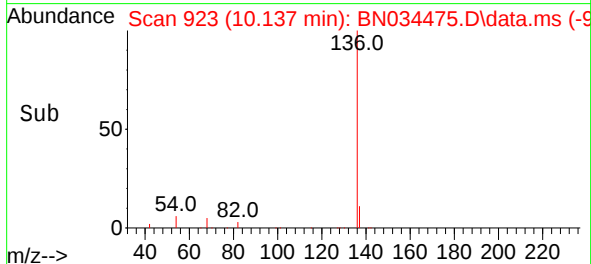
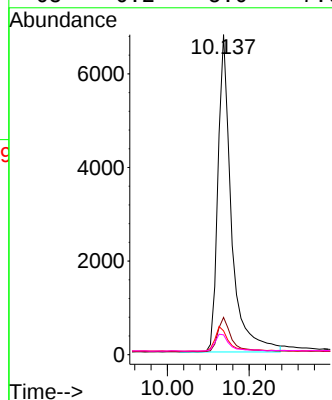
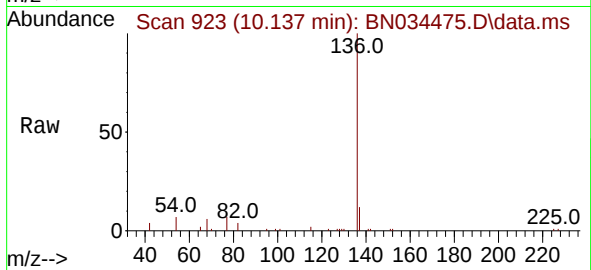




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.137 min Scan# 915
Delta R.T. -0.011 min
Lab File: BN034475.D
Acq: 08 Oct 2024 17:24

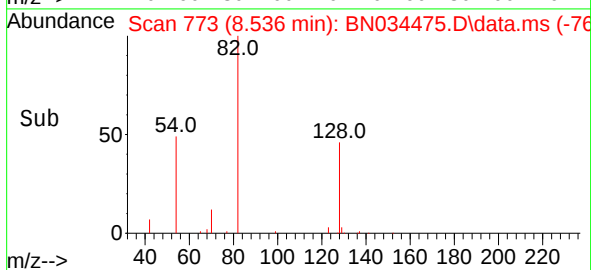
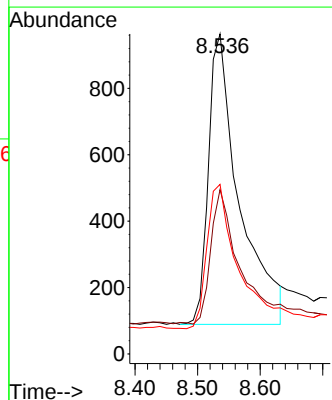
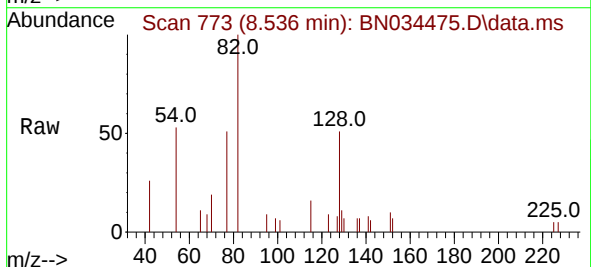
Instrument :
BNA_N
ClientSampleId :
TT149S1-20240924

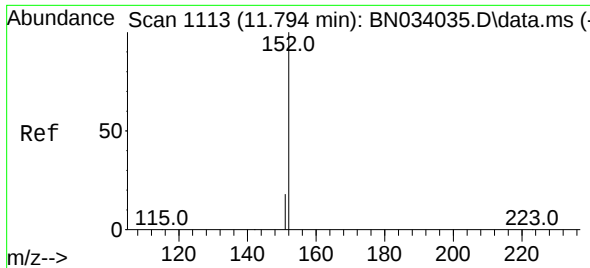
Tgt Ion:136	Resp:	15544
Ion Ratio	Lower	Upper
136	100	
137	11.7	9.0 13.6
54	7.4	6.8 10.2
68	6.2	5.0 7.6



#8
Nitrobenzene-d5
Concen: 0.252 ng
RT: 8.536 min Scan# 773
Delta R.T. 0.000 min
Lab File: BN034475.D
Acq: 08 Oct 2024 17:24

Tgt Ion: 82	Resp:	2991
Ion Ratio	Lower	Upper
82	100	
128	51.3	31.4 47.2#
54	53.0	47.4 71.0

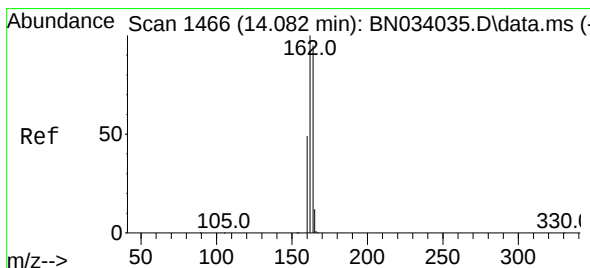
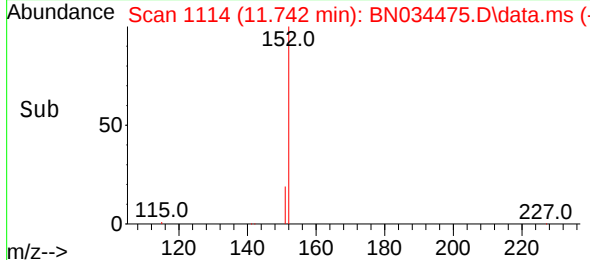
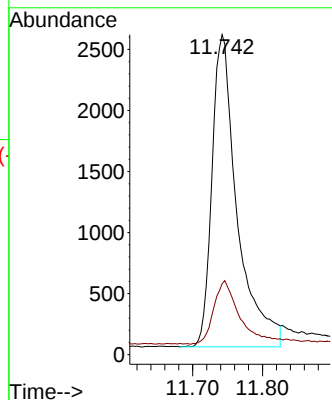
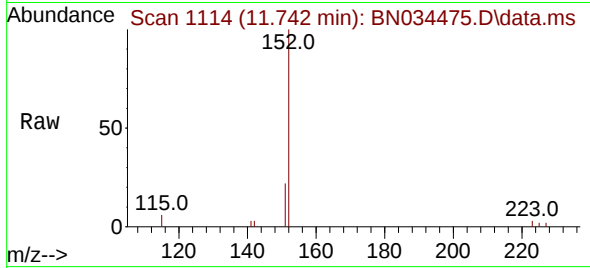




#11
2-Methylnaphthalene-d10
Concen: 0.280 ng
RT: 11.742 min Scan# 1114
Delta R.T. -0.011 min
Lab File: BN034475.D
Acq: 08 Oct 2024 17:24

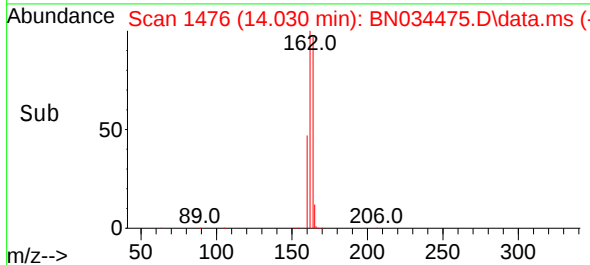
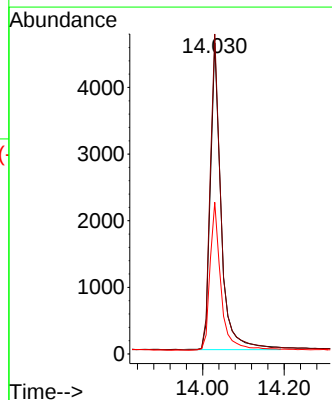
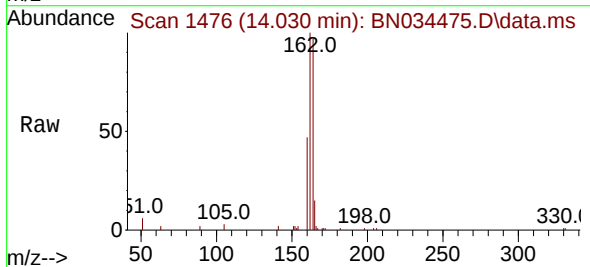
Instrument :
BNA_N
ClientSampleId :
TT149S1-20240924

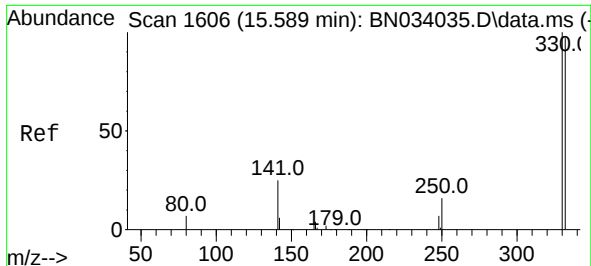
Tgt Ion:152 Resp: 6422
Ion Ratio Lower Upper
152 100
151 21.0 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.030 min Scan# 1476
Delta R.T. -0.018 min
Lab File: BN034475.D
Acq: 08 Oct 2024 17:24

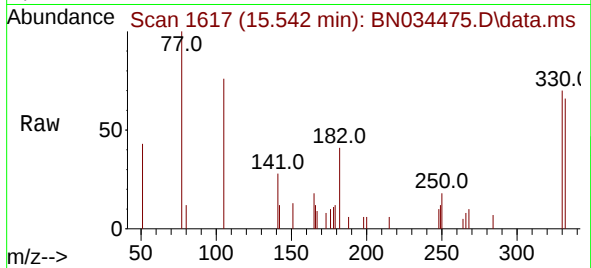
Tgt Ion:164 Resp: 8475
Ion Ratio Lower Upper
164 100
162 102.9 84.2 126.2
160 48.8 41.7 62.5



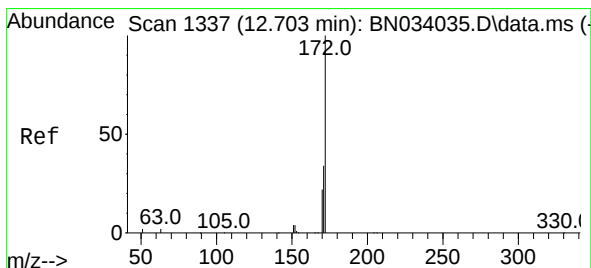
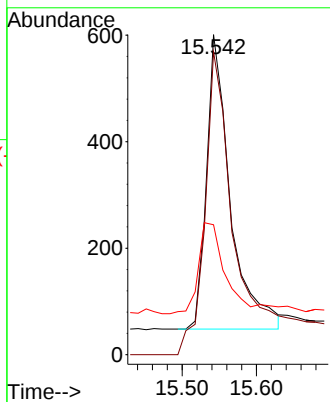
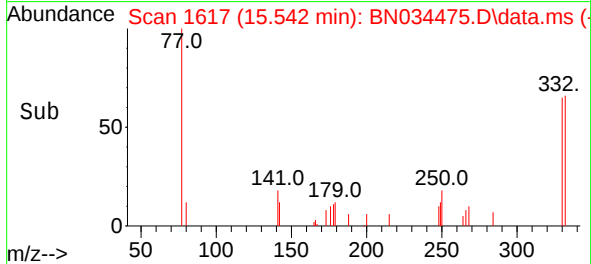


#14
2,4,6-Tribromophenol
Concen: 0.318 ng
RT: 15.542 min Scan# 1
Delta R.T. -0.007 min
Lab File: BN034475.D
Acq: 08 Oct 2024 17:24

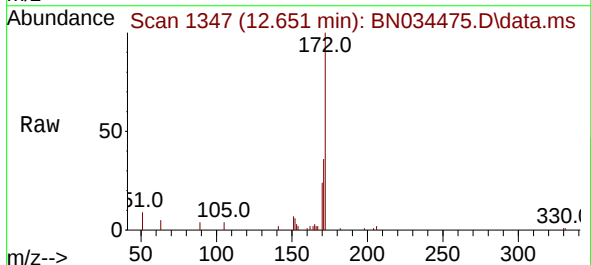
Instrument :
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ClientSampleId :
TT149S1-20240924



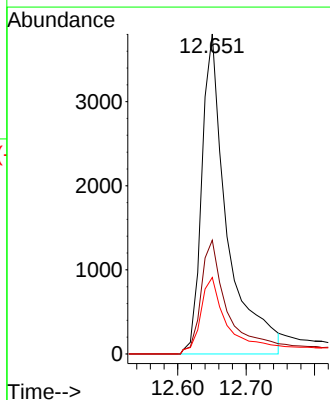
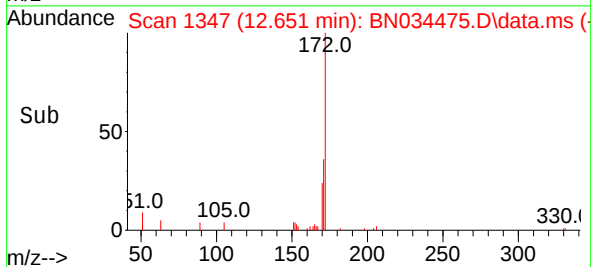
Tgt Ion:330 Resp: 1220
Ion Ratio Lower Upper
330 100
332 124.8 77.4 116.0#
141 36.0 35.9 53.9

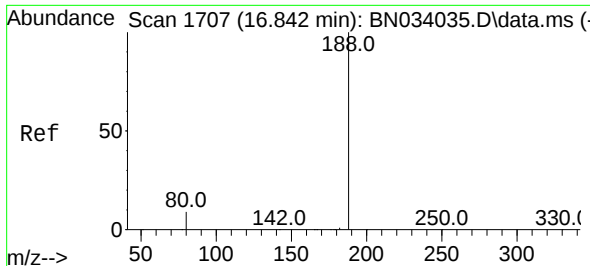


#15
2-Fluorobiphenyl
Concen: 0.260 ng
RT: 12.651 min Scan# 1347
Delta R.T. -0.007 min
Lab File: BN034475.D
Acq: 08 Oct 2024 17:24



Tgt Ion:172 Resp: 8973
Ion Ratio Lower Upper
172 100
171 35.6 27.3 40.9
170 23.9 18.1 27.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.796 min Scan# 1

Delta R.T. -0.007 min

Lab File: BN034475.D

Acq: 08 Oct 2024 17:24

Instrument :

BNA_N

ClientSampleId :

TT149S1-20240924

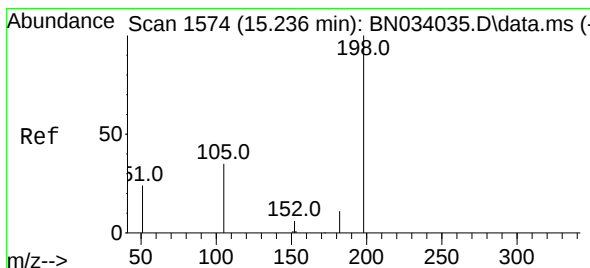
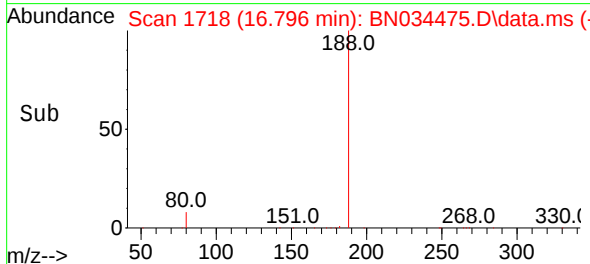
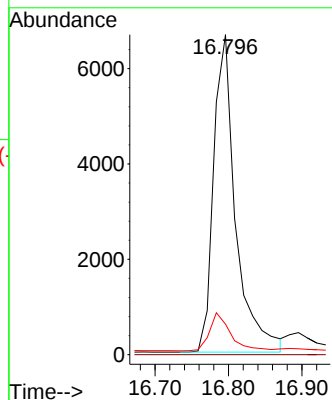
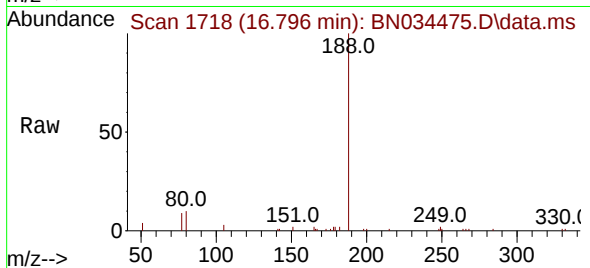
Tgt Ion:188 Resp: 13867

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.5 7.4 11.0



#20

4,6-Dinitro-2-methylphenol

Concen: 0.140 ng

RT: 16.349 min Scan# 1682

Delta R.T. 0.043 min

Lab File: BN034475.D

Acq: 08 Oct 2024 17:24

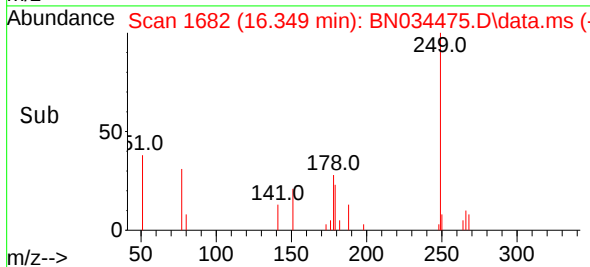
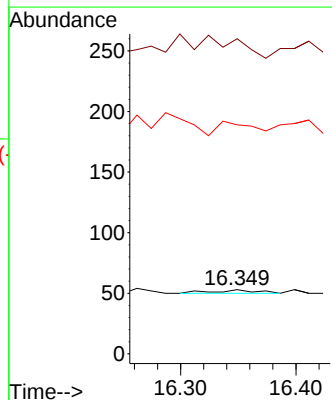
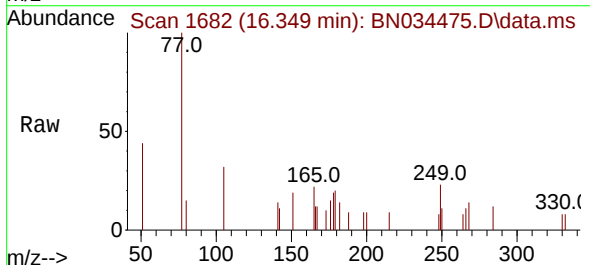
Tgt Ion:198 Resp: 7

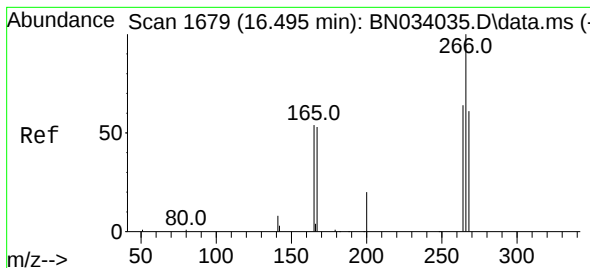
Ion Ratio Lower Upper

198 100

51 490.6 106.4 159.6#

105 356.6 38.5 57.7#





#24

Pentachlorophenol

Concen: 0.025 ng

RT: 16.461 min Scan# 1

Delta R.T. -0.007 min

Lab File: BN034475.D

Acq: 08 Oct 2024 17:24

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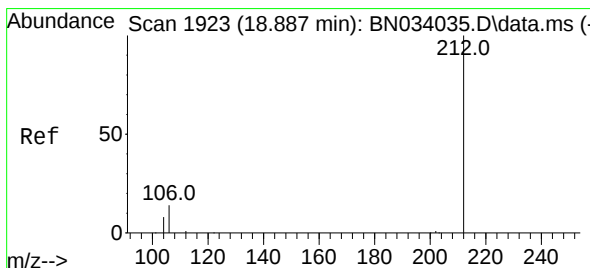
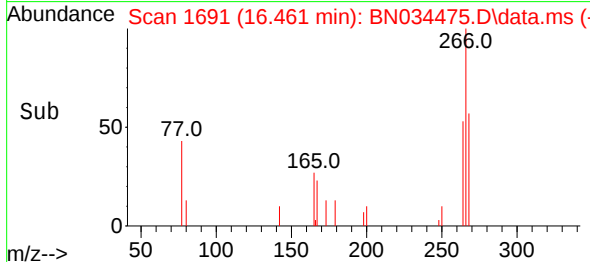
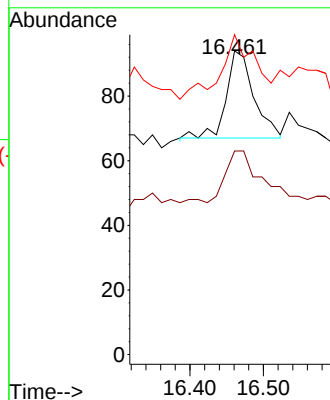
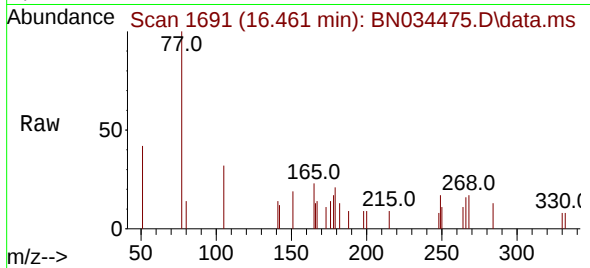
Tgt Ion:266 Resp: 71

Ion Ratio Lower Upper

266 100

264 80.3 50.2 75.2#

268 93.0 51.0 76.4#



#27

Fluoranthene-d10

Concen: 0.405 ng

RT: 18.834 min Scan# 1926

Delta R.T. -0.011 min

Lab File: BN034475.D

Acq: 08 Oct 2024 17:24

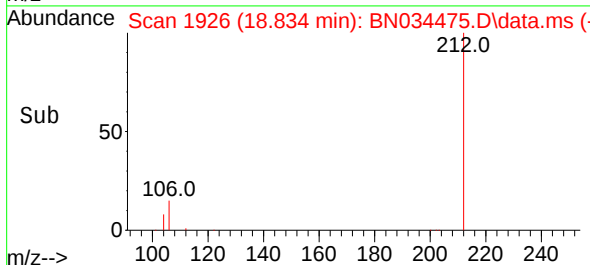
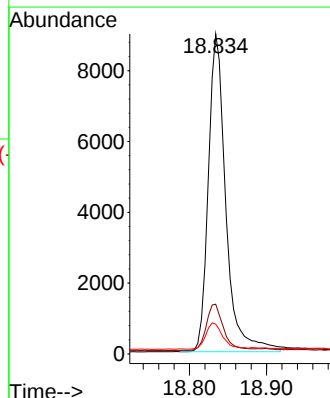
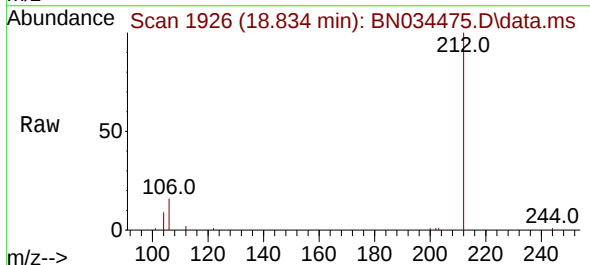
Tgt Ion:212 Resp: 14166

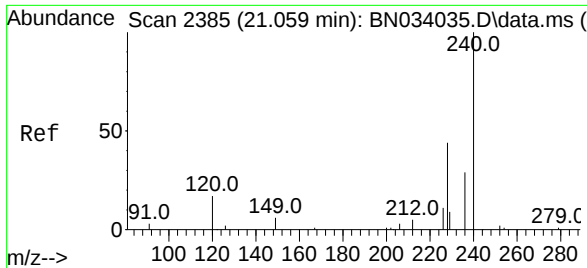
Ion Ratio Lower Upper

212 100

106 14.6 13.4 20.2

104 8.0 7.8 11.6

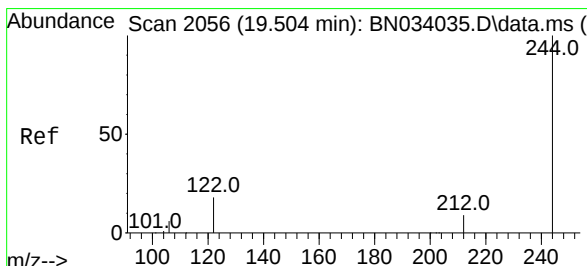
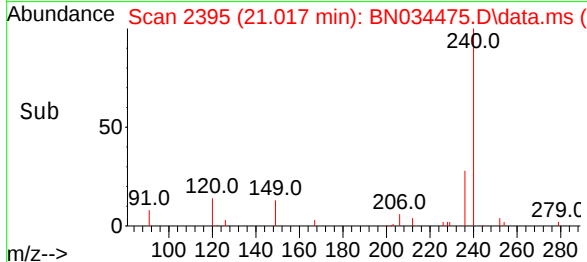
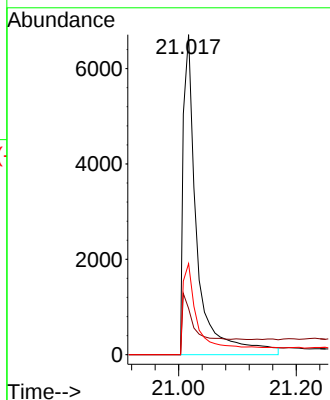
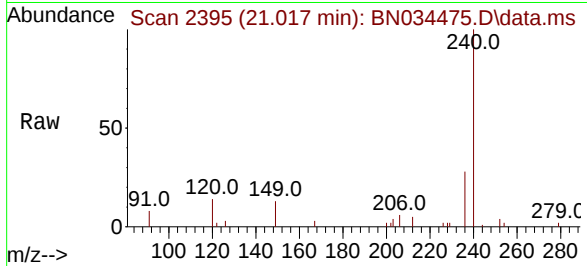




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.017 min Scan# 21
Delta R.T. 0.002 min
Lab File: BN034475.D
Acq: 08 Oct 2024 17:24

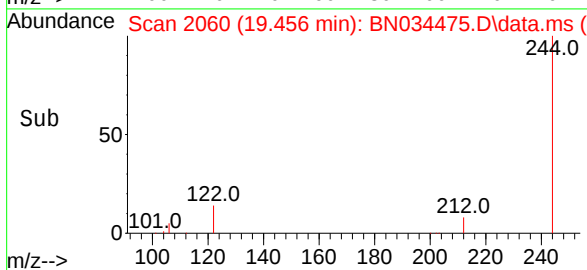
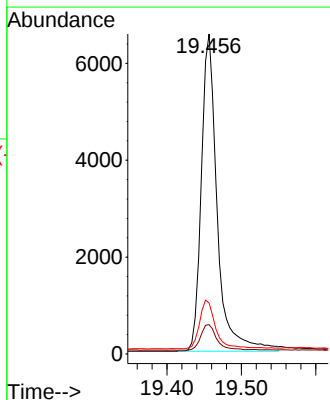
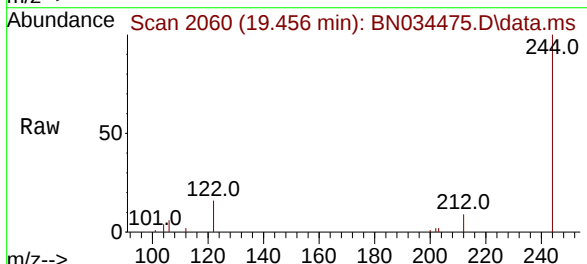
Instrument :
BNA_N
ClientSampleId :
TT149S1-20240924

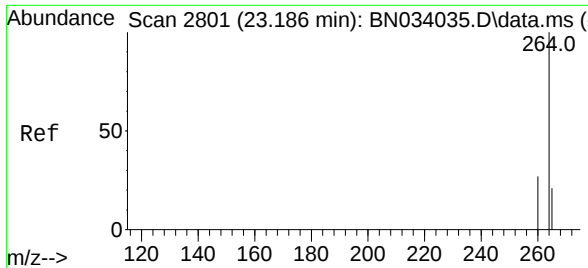
Tgt Ion:240 Resp: 11007
Ion Ratio Lower Upper
240 100
120 14.5 13.5 20.3
236 28.5 23.4 35.0



#31
Terphenyl-d14
Concen: 0.442 ng
RT: 19.456 min Scan# 2060
Delta R.T. -0.011 min
Lab File: BN034475.D
Acq: 08 Oct 2024 17:24

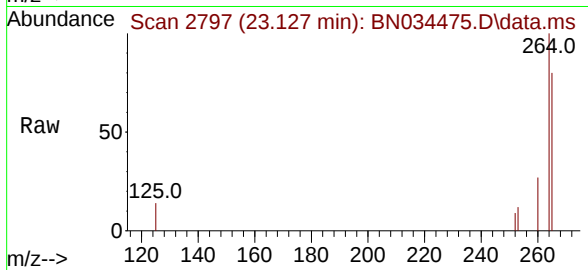
Tgt Ion:244 Resp: 9719
Ion Ratio Lower Upper
244 100
212 9.2 7.8 11.6
122 15.9 14.8 22.2





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.127 min Scan# 21
Delta R.T. -0.001 min
Lab File: BN034475.D
Acq: 08 Oct 2024 17:24

Instrument :
BNA_N
ClientSampleId :
TT149S1-20240924



Tgt Ion:264 Resp: 12641
Ion Ratio Lower Upper
264 100
260 26.9 21.7 32.5
265 80.5 52.1 78.1#

