

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100924\
 Data File : BN034504.D
 Acq On : 09 Oct 2024 15:00
 Operator : RC/JU
 Sample : P4226-27
 Misc :
 ALS Vial : 77 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BPOW6-9-20240927

Quant Time: Oct 09 15:36:01 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)

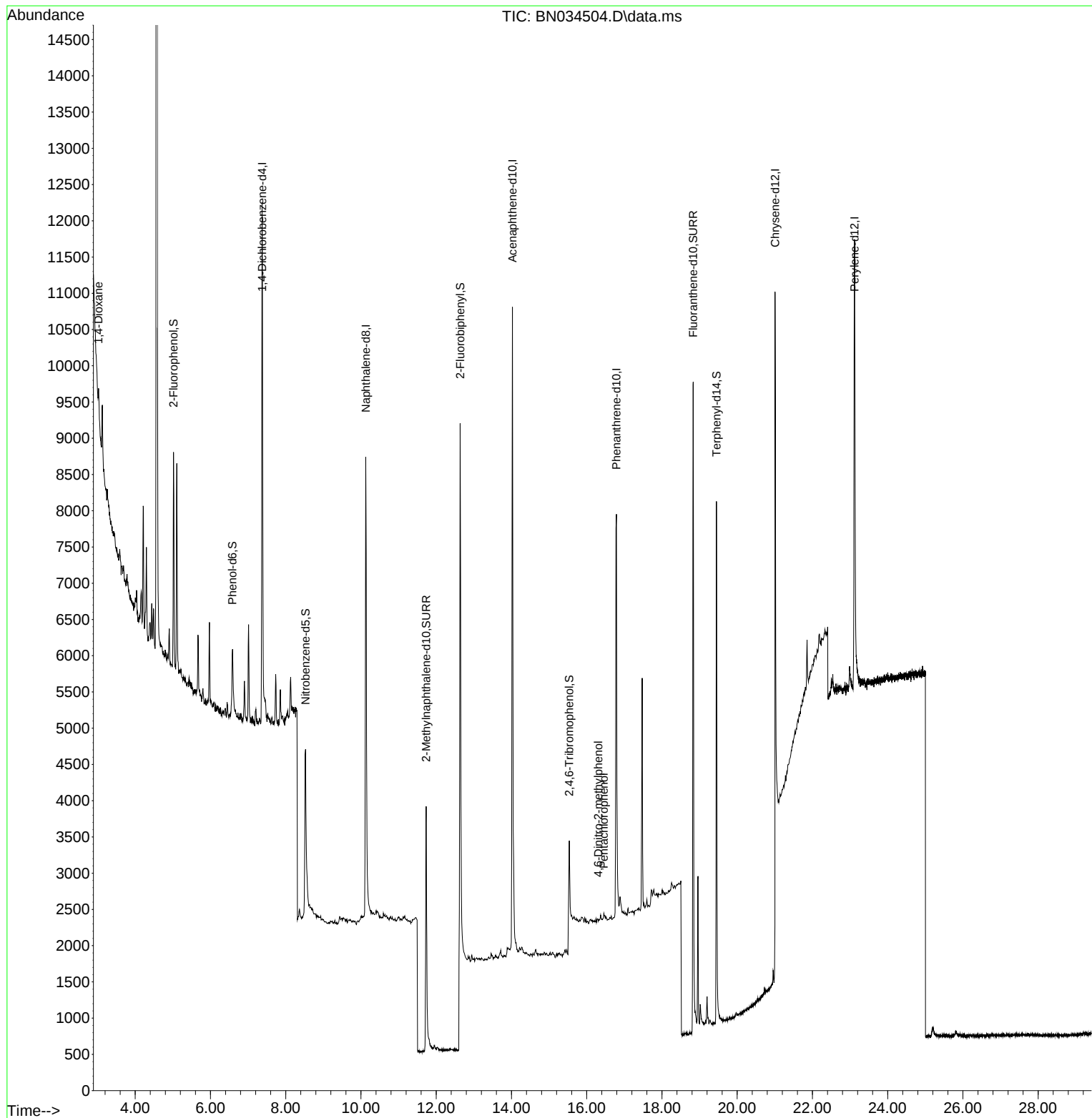
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.373	152	3849	0.400	ng	-0.02
7) Naphthalene-d8	10.127	136	10456	0.400	ng	#-0.02
13) Acenaphthene-d10	14.026	164	5658	0.400	ng	-0.02
19) Phenanthrene-d10	16.791	188	10015	0.400	ng	-0.01
29) Chrysene-d12	21.006	240	7343	0.400	ng	0.00
35) Perylene-d12	23.120	264	8764	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.018	112	2335	0.214	ng	-0.01
5) Phenol-d6	6.586	99	1379	0.109	ng	-0.01
8) Nitrobenzene-d5	8.525	82	2783	0.348	ng	-0.01
11) 2-Methylnaphthalene-d10	11.731	152	5916	0.383	ng	-0.02
14) 2,4,6-Tribromophenol	15.537	330	832	0.325	ng	-0.01
15) 2-Fluorobiphenyl	12.636	172	7917	0.344	ng	-0.02
27) Fluoranthene-d10	18.832	212	11320	0.448	ng	-0.01
31) Terphenyl-d14	19.450	244	7600	0.518	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.025	88	239	0.050	ng	# 36
20) 4,6-Dinitro-2-methylph...	16.306	198	4	0.140	ng	# 1
24) Pentachlorophenol	16.455	266	87	0.042	ng	# 84

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100924\
Data File : BN034504.D
Acq On : 09 Oct 2024 15:00
Operator : RC/JU
Sample : P4226-27
Misc :
ALS Vial : 77 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BPOW6-9-20240927

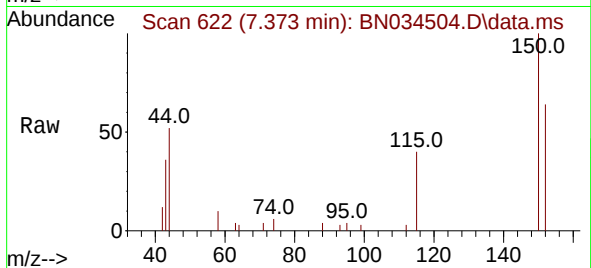
Quant Time: Oct 09 15:36:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 26 14:44:02 2024
Response via : Initial Calibration



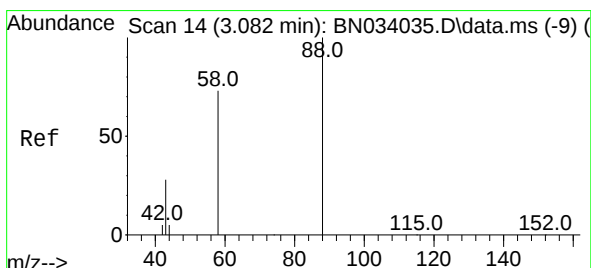
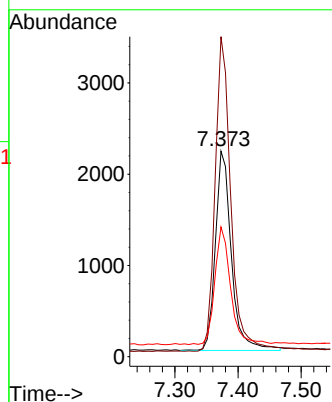
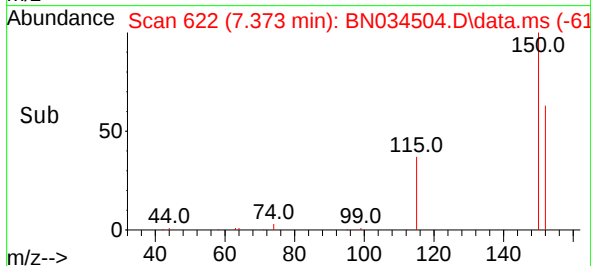


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.373 min Scan# 61
Delta R.T. -0.021 min
Lab File: BN034504.D
Acq: 09 Oct 2024 15:00

Instrument :
BNA_N
ClientSampleId :
BPOW6-9-20240927

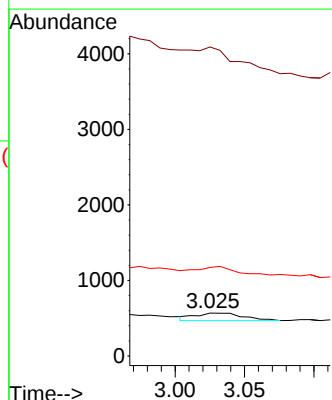
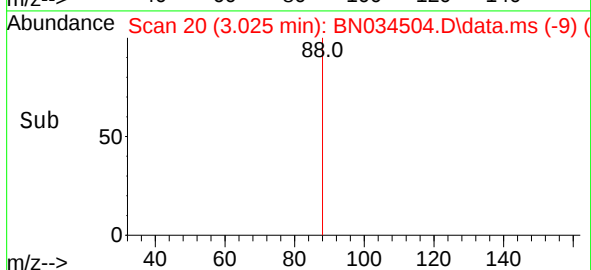
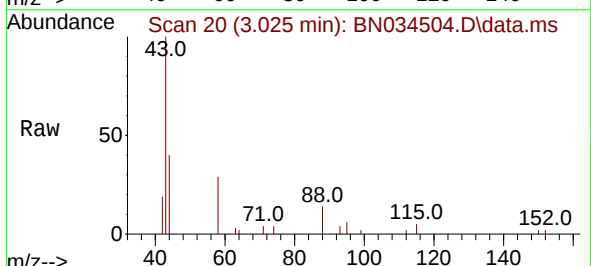


Tgt Ion:152 Resp: 3849
Ion Ratio Lower Upper
152 100
150 155.8 124.6 187.0
115 63.1 50.0 75.0



#2
1,4-Dioxane
Concen: 0.050 ng
RT: 3.025 min Scan# 20
Delta R.T. -0.021 min
Lab File: BN034504.D
Acq: 09 Oct 2024 15:00

Tgt Ion: 88 Resp: 239
Ion Ratio Lower Upper
88 100
43 0.0 25.8 38.8#
58 129.7 58.8 88.2#

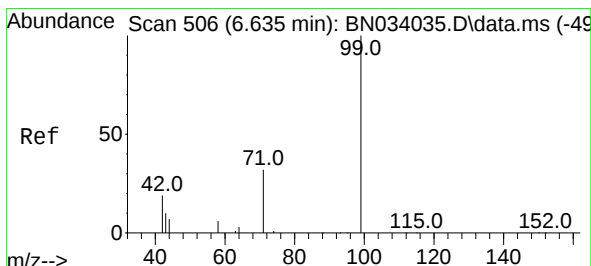
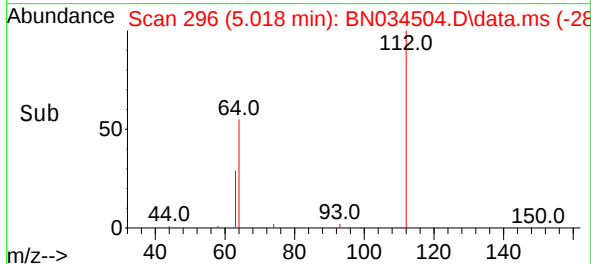
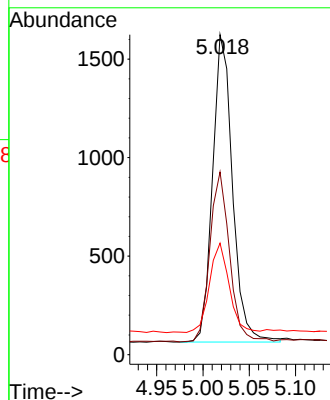
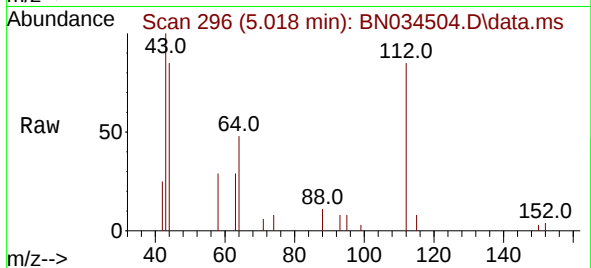




#4
2-Fluorophenol
Concen: 0.214 ng
RT: 5.018 min Scan# 20
Delta R.T. -0.014 min
Lab File: BN034504.D
Acq: 09 Oct 2024 15:00

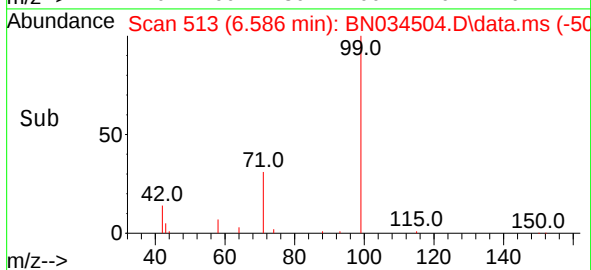
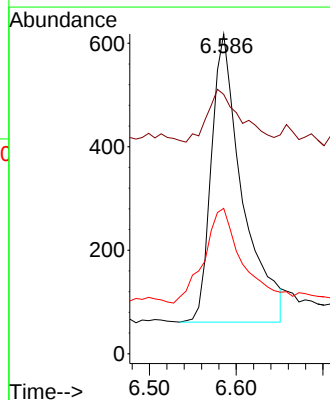
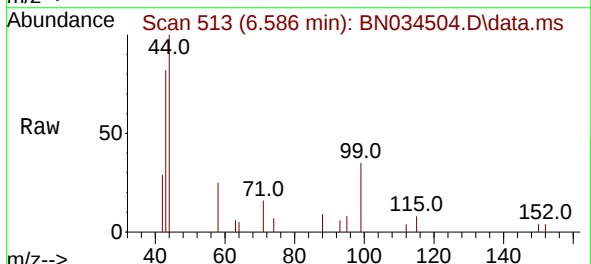
Instrument :
BNA_N
ClientSampleId :
BPOW6-9-20240927

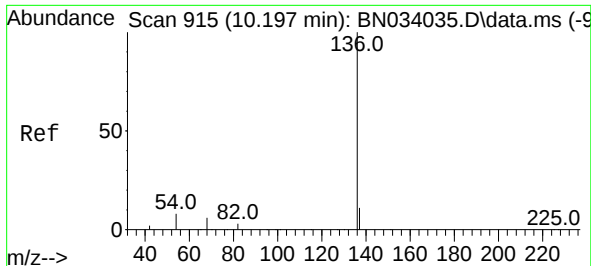
Tgt Ion:112 Resp: 2335
Ion Ratio Lower Upper
112 100
64 54.7 48.6 72.8
63 28.9 25.6 38.4



#5
Phenol-d6
Concen: 0.109 ng
RT: 6.586 min Scan# 513
Delta R.T. -0.014 min
Lab File: BN034504.D
Acq: 09 Oct 2024 15:00

Tgt Ion: 99 Resp: 1379
Ion Ratio Lower Upper
99 100
42 19.4 17.8 26.8
71 40.1 26.2 39.2#

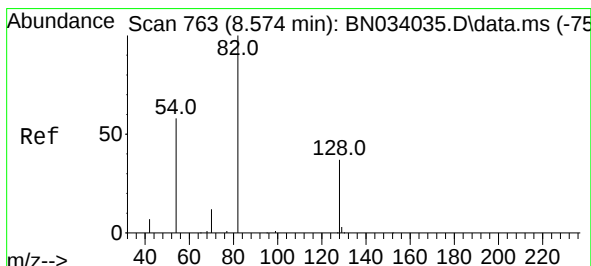
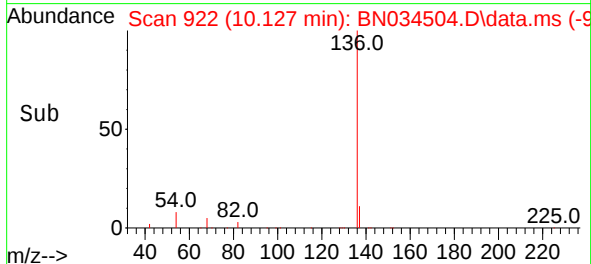
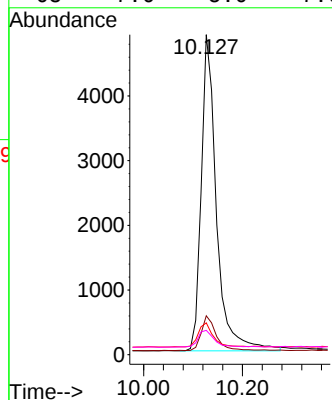
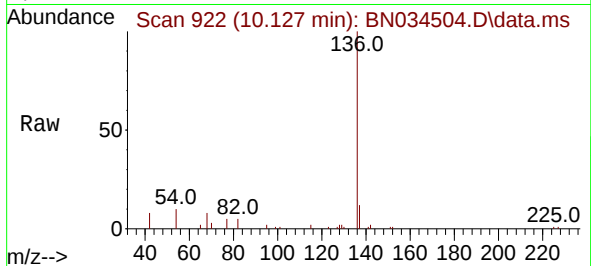




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.127 min Scan# 915
Delta R.T. -0.021 min
Lab File: BN034504.D
Acq: 09 Oct 2024 15:00

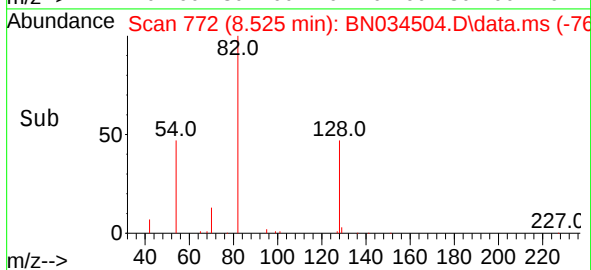
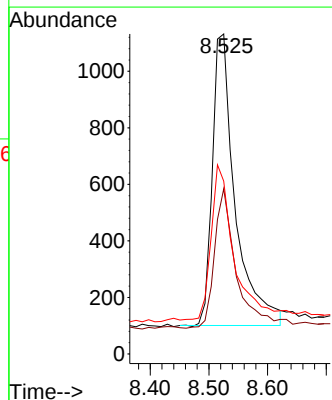
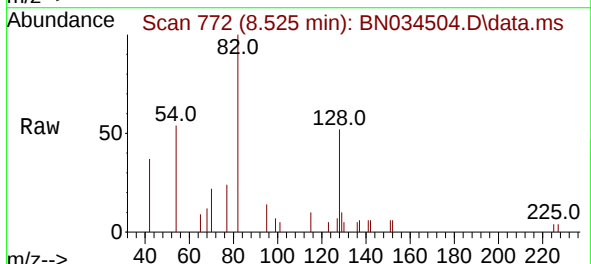
Instrument :
BNA_N
ClientSampleId :
BPOW6-9-20240927

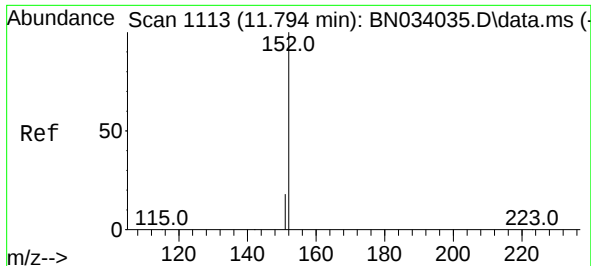
Tgt Ion:136 Resp: 10456
Ion Ratio Lower Upper
136 100
137 12.2 9.0 13.6
54 9.9 6.8 10.2
68 7.6 5.0 7.6#



#8
Nitrobenzene-d5
Concen: 0.348 ng
RT: 8.525 min Scan# 772
Delta R.T. -0.010 min
Lab File: BN034504.D
Acq: 09 Oct 2024 15:00

Tgt Ion: 82 Resp: 2783
Ion Ratio Lower Upper
82 100
128 51.6 31.4 47.2#
54 54.0 47.4 71.0





#11

2-Methylnaphthalene-d10

Concen: 0.383 ng

RT: 11.731 min Scan# 1111

Delta R.T. -0.022 min

Lab File: BN034504.D

Acq: 09 Oct 2024 15:00

Instrument :

BNA_N

ClientSampleId :

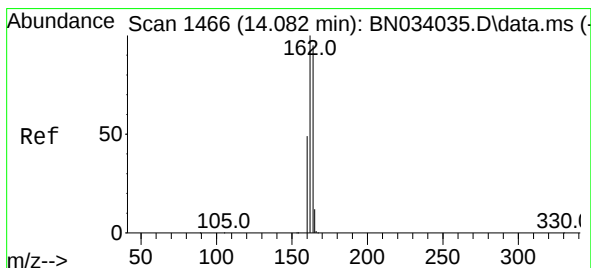
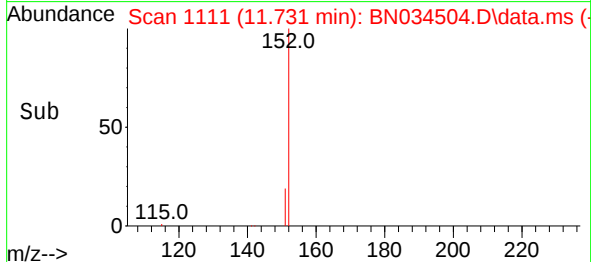
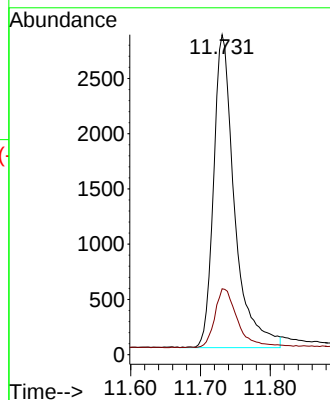
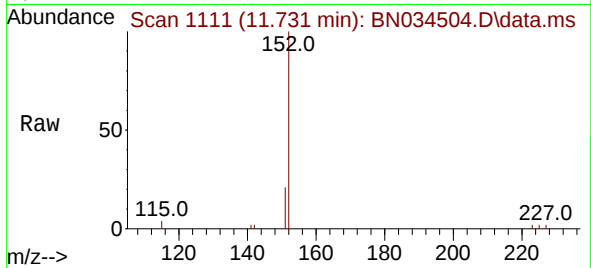
BPOW6-9-20240927

Tgt Ion:152 Resp: 5916

Ion Ratio Lower Upper

152 100

151 20.4 16.8 25.2



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.026 min Scan# 1475

Delta R.T. -0.021 min

Lab File: BN034504.D

Acq: 09 Oct 2024 15:00

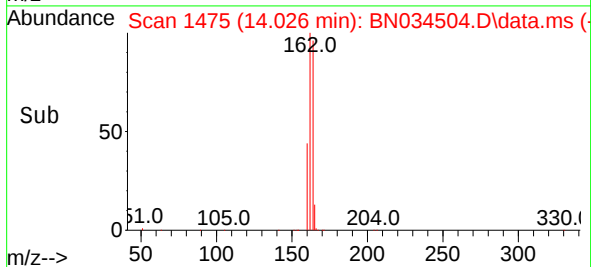
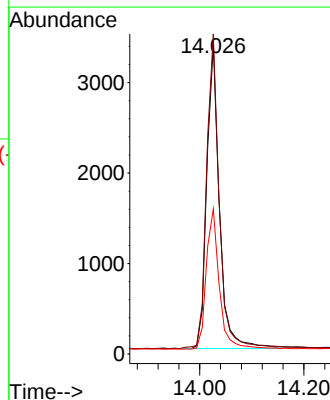
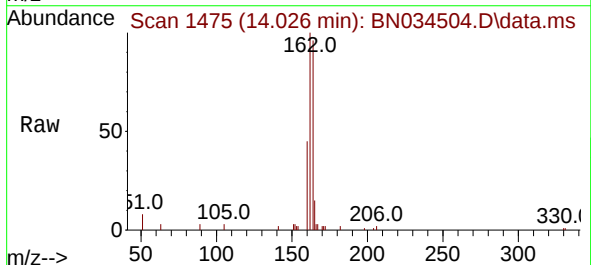
Tgt Ion:164 Resp: 5658

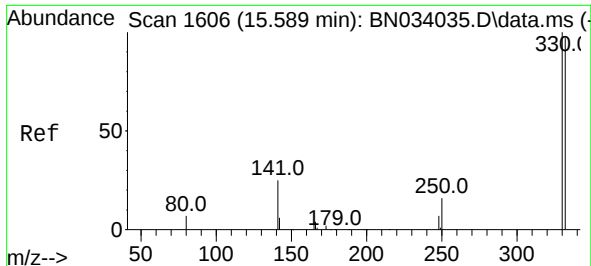
Ion Ratio Lower Upper

164 100

162 103.7 84.2 126.2

160 47.0 41.7 62.5





#14

2,4,6-Tribromophenol

Concen: 0.325 ng

RT: 15.537 min Scan# 1

Delta R.T. -0.012 min

Lab File: BN034504.D

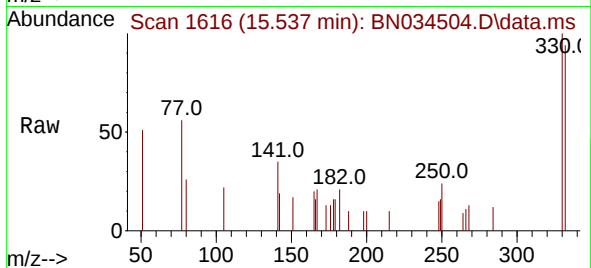
Acq: 09 Oct 2024 15:00

Instrument :

BNA_N

ClientSampleId :

BPOW6-9-20240927



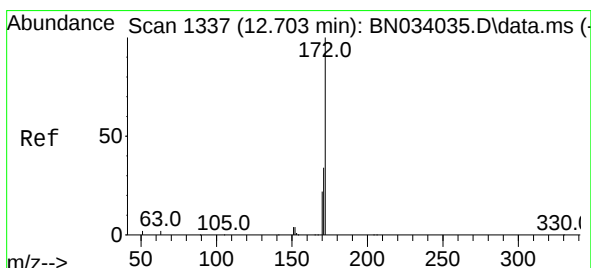
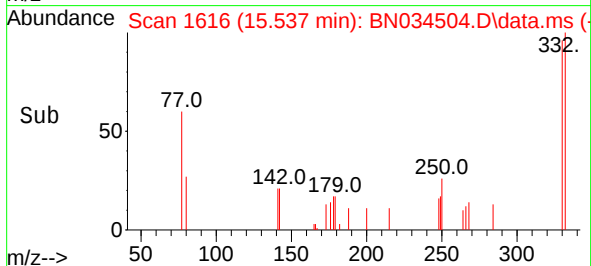
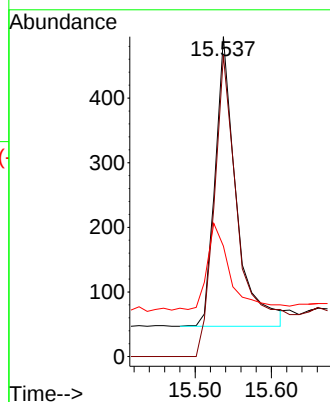
Tgt Ion:330 Resp: 832

Ion Ratio Lower Upper

330 100

332 138.2 77.4 116.0#

141 33.3 35.9 53.9#



#15

2-Fluorobiphenyl

Concen: 0.344 ng

RT: 12.636 min Scan# 1345

Delta R.T. -0.021 min

Lab File: BN034504.D

Acq: 09 Oct 2024 15:00

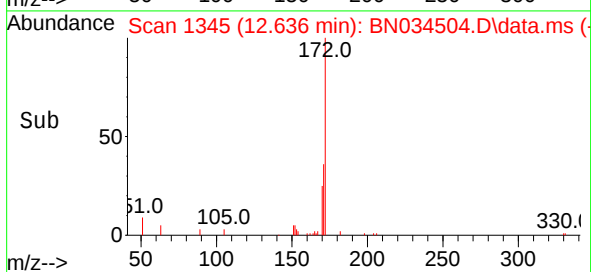
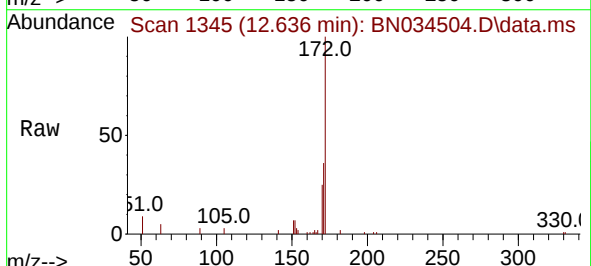
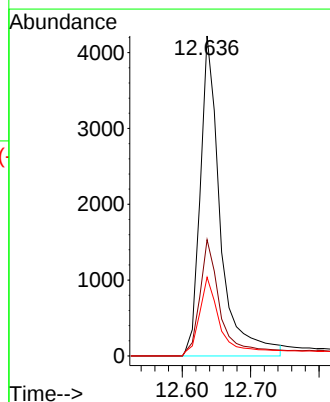
Tgt Ion:172 Resp: 7917

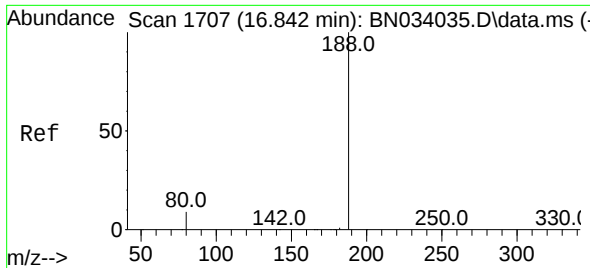
Ion Ratio Lower Upper

172 100

171 36.3 27.3 40.9

170 24.6 18.1 27.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.791 min Scan# 1

Delta R.T. -0.012 min

Lab File: BN034504.D

Acq: 09 Oct 2024 15:00

Instrument :

BNA_N

ClientSampleId :

BPOW6-9-20240927

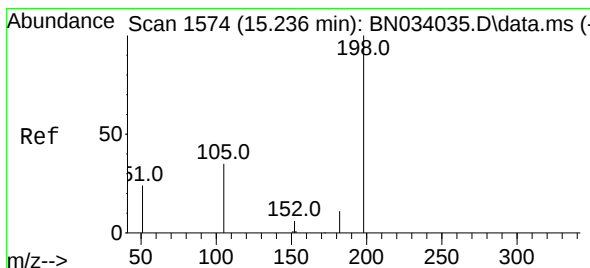
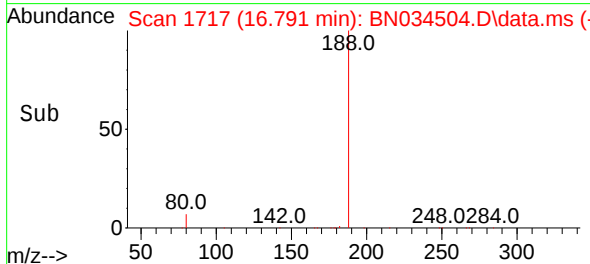
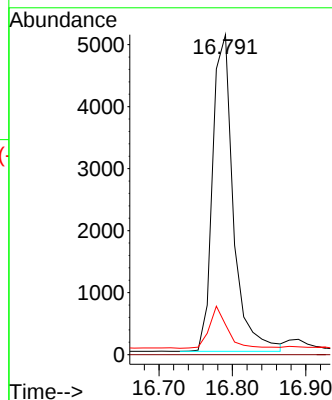
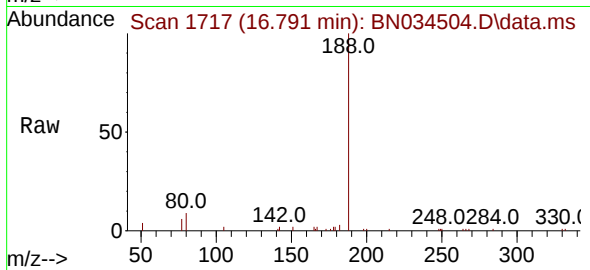
Tgt Ion:188 Resp: 10015

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.4 7.4 11.0



#20

4,6-Dinitro-2-methylphenol

Concen: 0.140 ng

RT: 16.306 min Scan# 1678

Delta R.T. 0.000 min

Lab File: BN034504.D

Acq: 09 Oct 2024 15:00

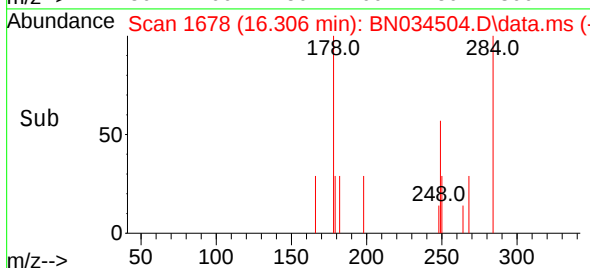
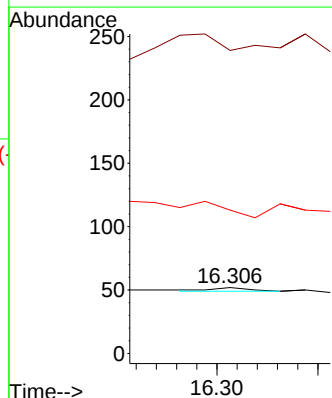
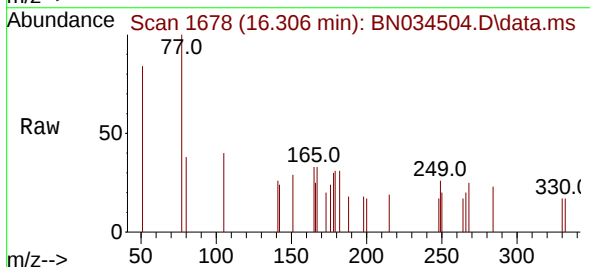
Tgt Ion:198 Resp: 4

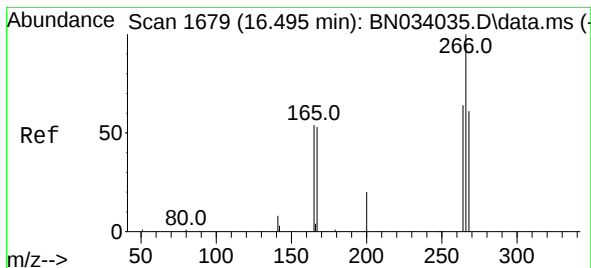
Ion Ratio Lower Upper

198 100

51 459.6 106.4 159.6#

105 217.3 38.5 57.7#





#24

Pentachlorophenol

Concen: 0.042 ng

RT: 16.455 min Scan# 1690

Delta R.T. -0.012 min

Lab File: BN034504.D

Acq: 09 Oct 2024 15:00

Instrument :

BNA_N

ClientSampleId :

BPOW6-9-20240927

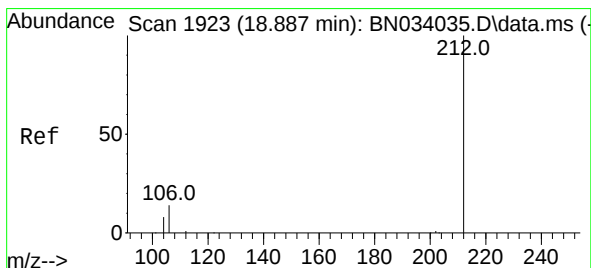
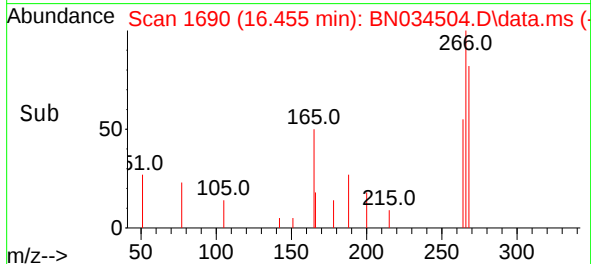
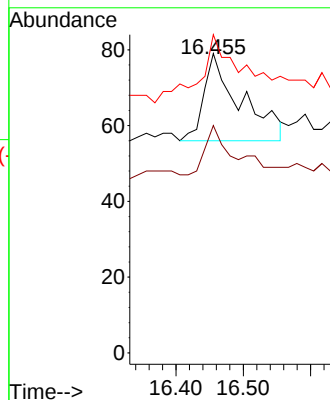
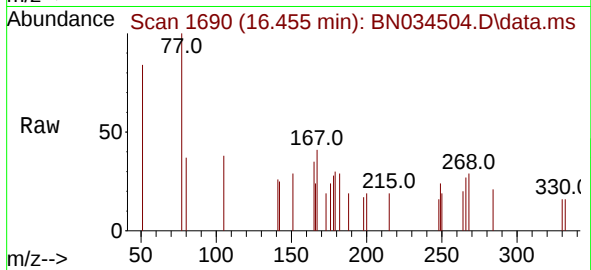
Tgt Ion:266 Resp: 87

Ion Ratio Lower Upper

266 100

264 44.8 50.2 75.2#

268 56.3 51.0 76.4



#27

Fluoranthene-d10

Concen: 0.448 ng

RT: 18.832 min Scan# 1924

Delta R.T. -0.014 min

Lab File: BN034504.D

Acq: 09 Oct 2024 15:00

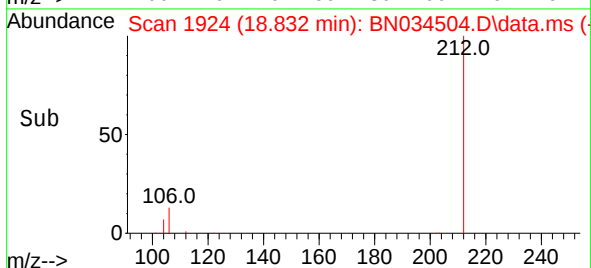
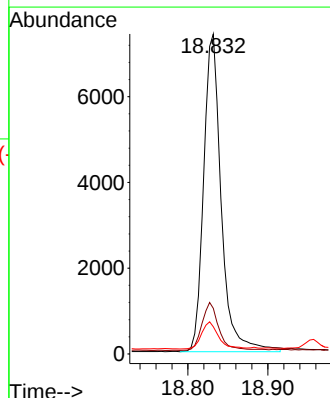
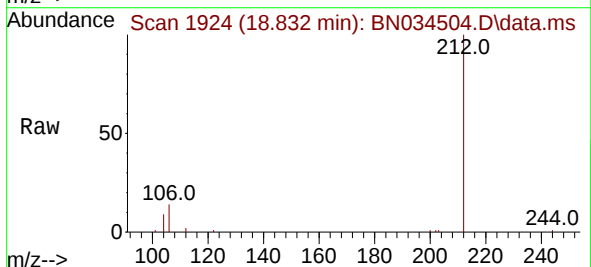
Tgt Ion:212 Resp: 11320

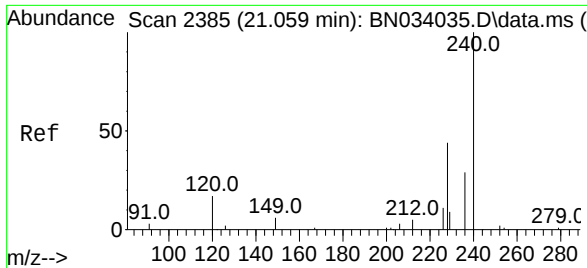
Ion Ratio Lower Upper

212 100

106 14.5 13.4 20.2

104 8.2 7.8 11.6

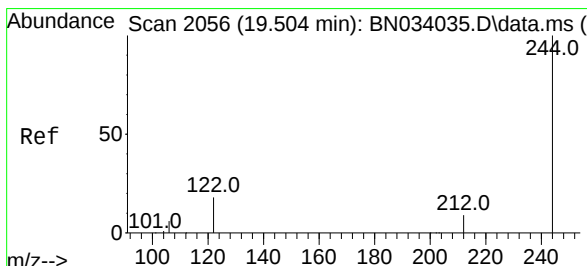
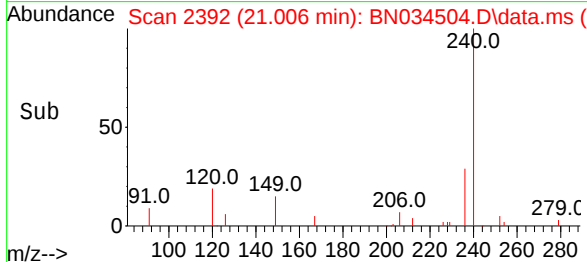
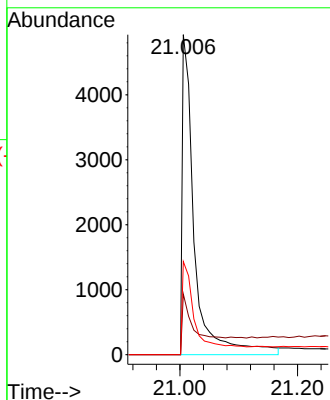
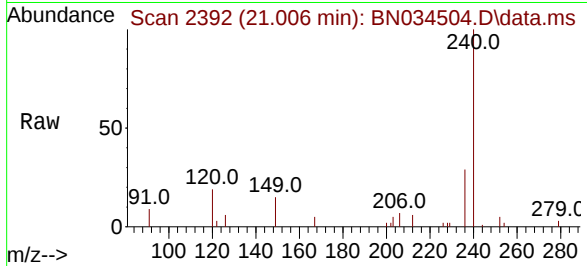




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.006 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN034504.D
Acq: 09 Oct 2024 15:00

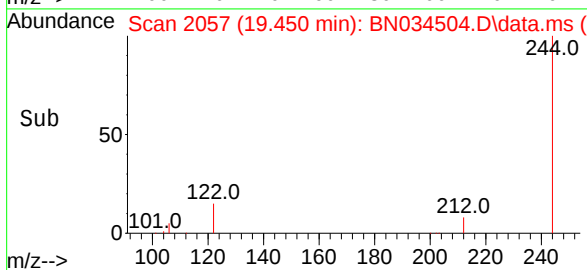
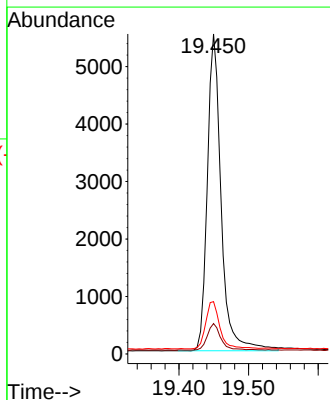
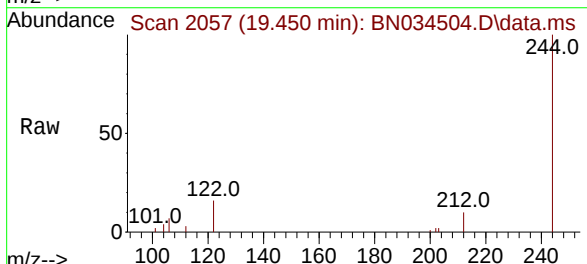
Instrument :
BNA_N
ClientSampleId :
BPOW6-9-20240927

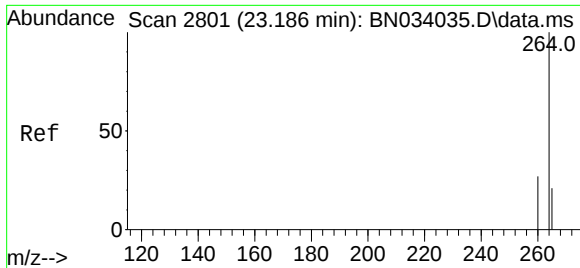
Tgt Ion:240 Resp: 7343
Ion Ratio Lower Upper
240 100
120 19.0 13.5 20.3
236 29.1 23.4 35.0



#31
Terphenyl-d14
Concen: 0.518 ng
RT: 19.450 min Scan# 2057
Delta R.T. -0.018 min
Lab File: BN034504.D
Acq: 09 Oct 2024 15:00

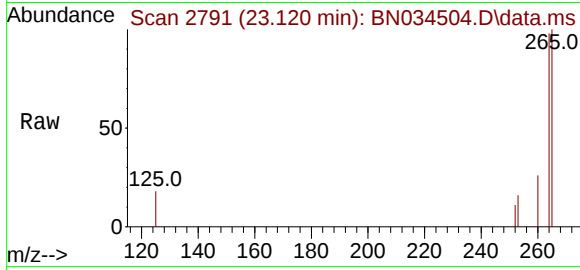
Tgt Ion:244 Resp: 7600
Ion Ratio Lower Upper
244 100
212 9.5 7.8 11.6
122 16.3 14.8 22.2





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.120 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN034504.D
 Acq: 09 Oct 2024 15:00

Instrument :
 BNA_N
 ClientSampleId :
 BPOW6-9-20240927



Tgt Ion:264 Resp: 8764

Ion	Ratio	Lower	Upper
264	100		
260	26.3	21.7	32.5
265	101.6	52.1	78.1#

