

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092024\
 Data File : BN034071.D
 Acq On : 20 Sep 2024 05:22
 Operator : JU/RC
 Sample : P3957-08
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW179D-20240910

Quant Time: Sep 20 05:47:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 18 16:09:28 2024
 Response via : Initial Calibration

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

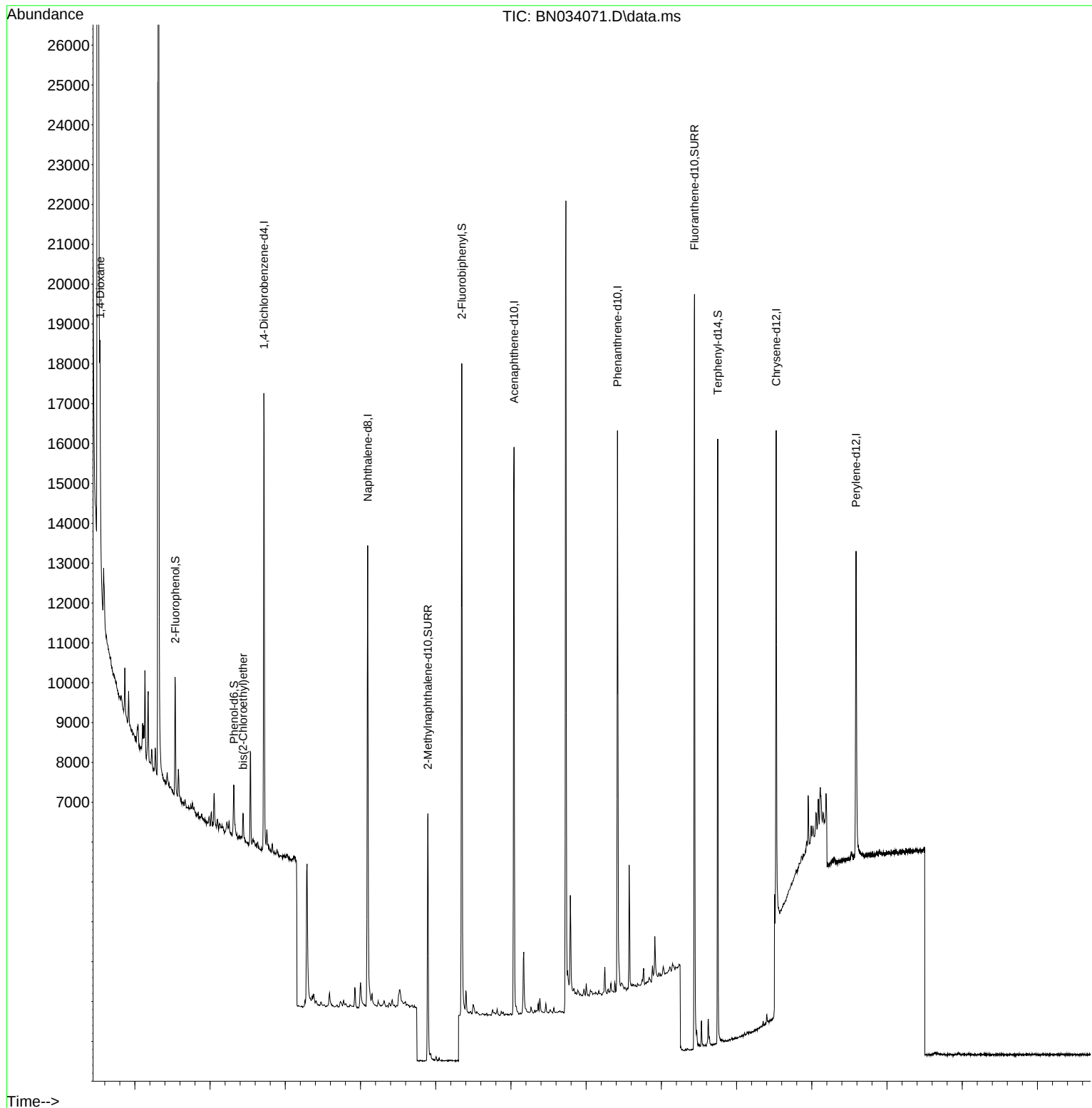
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.431	152	5596	0.400	ng	0.00
7) Naphthalene-d8	10.191	136	15803	0.400	ng	0.00
13) Acenaphthene-d10	14.083	164	8707	0.400	ng	0.00
19) Phenanthrene-d10	16.833	188	18703	0.400	ng	# 0.00
29) Chrysene-d12	21.053	240	12070	0.400	ng	0.00
35) Perylene-d12	23.177	264	10320	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.076	112	2242	0.141	ng	0.00
5) Phenol-d6	6.636	99	1341	0.073	ng	0.00
8) Nitrobenzene-d5	8.579	82	4010	0.332	ng	0.00
11) 2-Methylnaphthalene-d10	11.791	152	8879	0.380	ng	0.00
14) 2,4,6-Tribromophenol	15.580	330	1352	0.343	ng	0.00
15) 2-Fluorobiphenyl	12.694	172	14427	0.407	ng	0.00
27) Fluoranthene-d10	18.881	212	21140	0.448	ng	0.00
31) Terphenyl-d14	19.498	244	13670	0.567	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.076	88	1918	0.274	ng	# 48
6) bis(2-Chloroethyl)ether	6.875	93	536	0.033	ng	99
24) Pentachlorophenol	16.498	266	379	0.097	ng	96

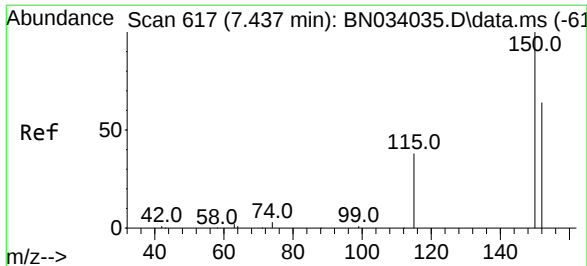
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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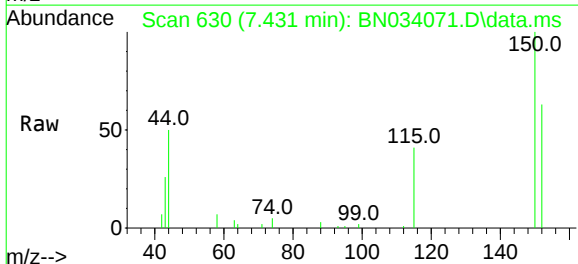
Quant Time: Sep 20 05:47:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
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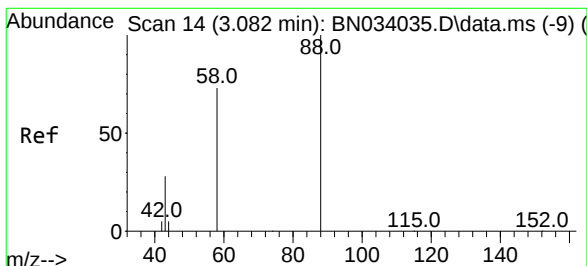
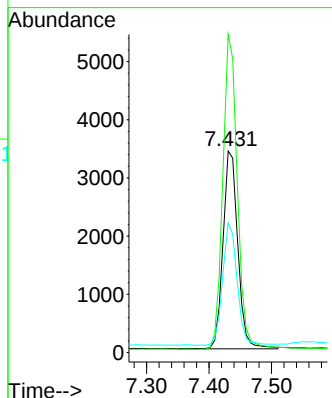
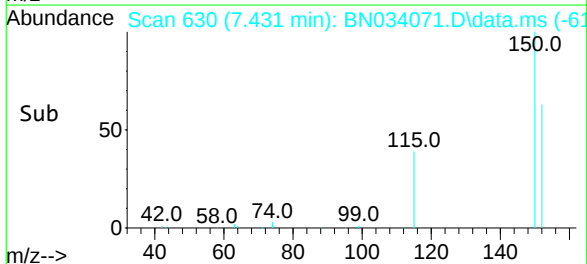


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.431 min Scan# 63
 Delta R.T. -0.006 min
 Lab File: BN034071.D
 Acq: 20 Sep 2024 05:22

Instrument :
 BNA_N
 ClientSampleId :
 MW179D-20240910

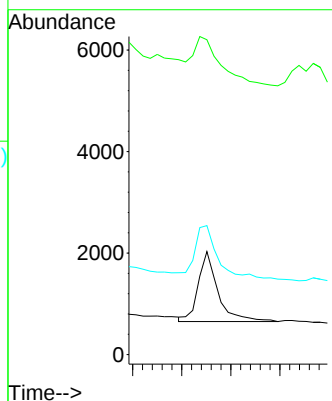
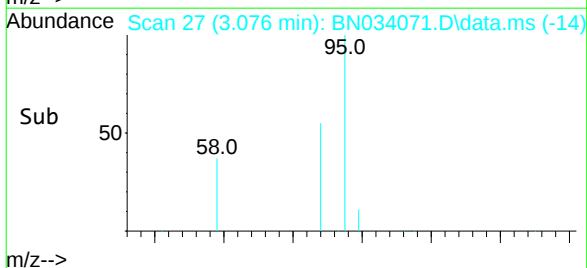
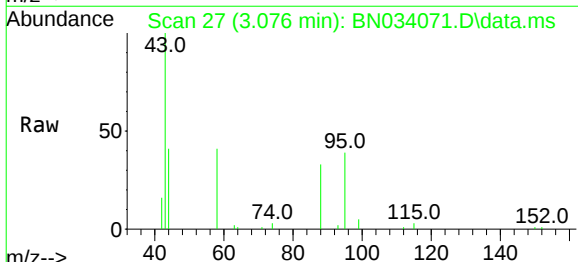


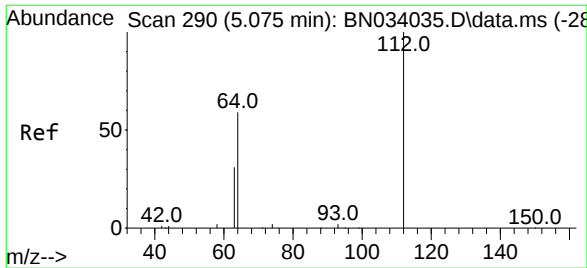
Tgt Ion: 152 Resp: 5596
 Ion Ratio Lower Upper
 152 100
 150 157.8 124.6 187.0
 115 64.2 50.0 75.0



#2
 1,4-Dioxane
 Concen: 0.274 ng
 RT: 3.076 min Scan# 27
 Delta R.T. -0.006 min
 Lab File: BN034071.D
 Acq: 20 Sep 2024 05:22

Tgt Ion: 88 Resp: 1918
 Ion Ratio Lower Upper
 88 100
 43 97.9 25.8 38.8#
 58 92.6 58.8 88.2#

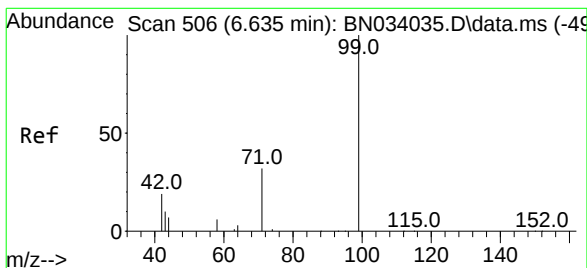
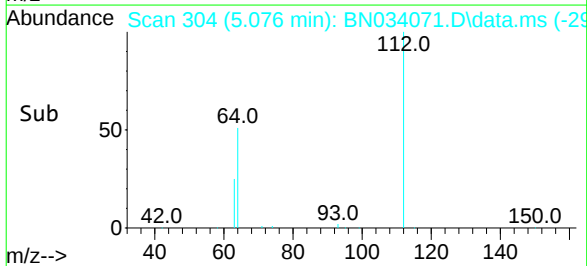
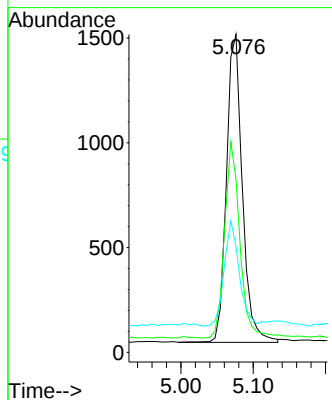
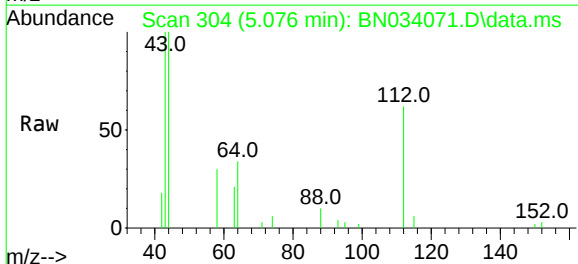




#4
2-Fluorophenol
Concen: 0.141 ng
RT: 5.076 min Scan# 30
Delta R.T. 0.001 min
Lab File: BN034071.D
Acq: 20 Sep 2024 05:22

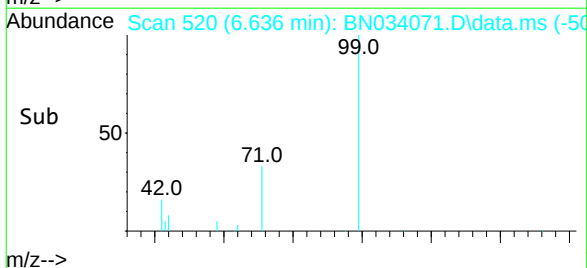
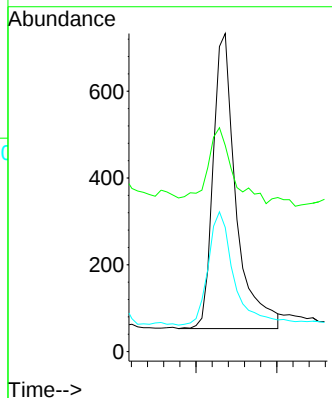
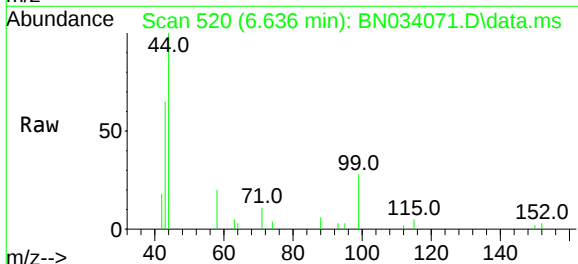
Instrument :
BNA_N
ClientSampleId :
MW179D-20240910

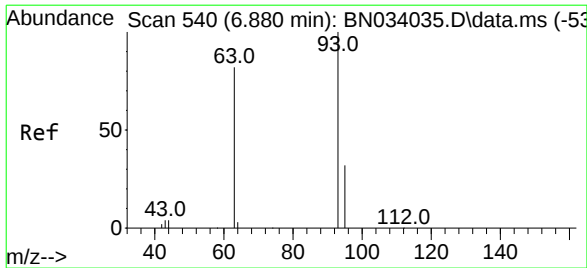
Tgt Ion:	112	Resp:	2242
Ion	Ratio	Lower	Upper
112	100		
64	61.3	48.6	72.8
63	33.1	25.6	38.4



#5
Phenol-d6
Concen: 0.073 ng
RT: 6.636 min Scan# 520
Delta R.T. 0.001 min
Lab File: BN034071.D
Acq: 20 Sep 2024 05:22

Tgt Ion:	99	Resp:	1341
Ion	Ratio	Lower	Upper
99	100		
42	28.0	17.8	26.8#
71	42.6	26.2	39.2#

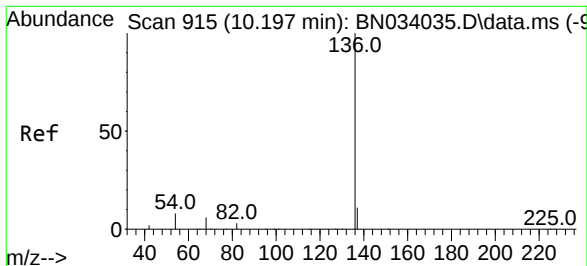
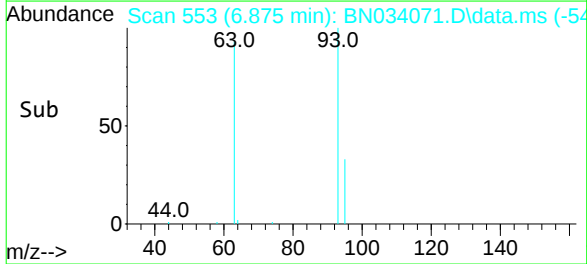
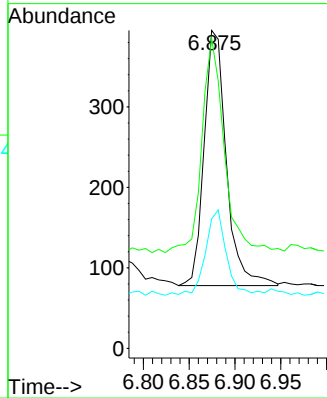
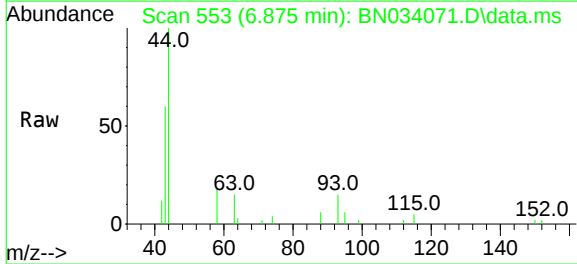




#6
bis(2-Chloroethyl)ether
Concen: 0.033 ng
RT: 6.875 min Scan# 551
Delta R.T. -0.006 min
Lab File: BN034071.D
Acq: 20 Sep 2024 05:22

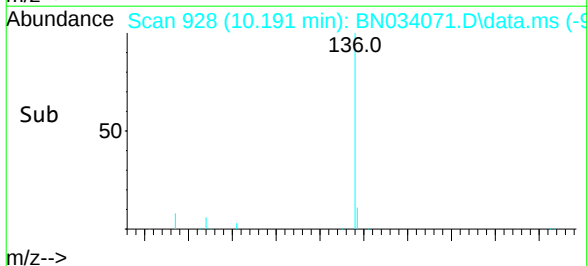
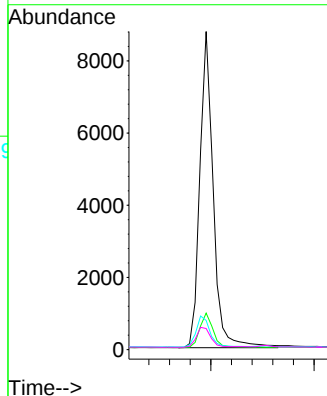
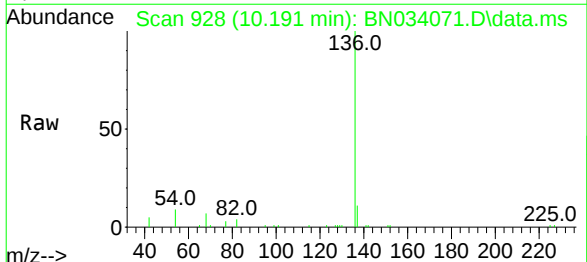
Instrument :
BNA_N
ClientSampleId :
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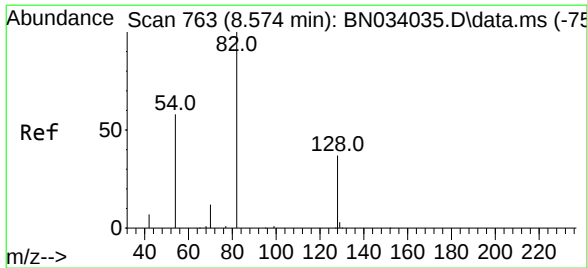
Tgt Ion:	93	Resp:	536
Ion	Ratio	Lower	Upper
93	100		
63	84.3	67.3	100.9
95	31.0	26.8	40.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.191 min Scan# 928
Delta R.T. -0.006 min
Lab File: BN034071.D
Acq: 20 Sep 2024 05:22

Tgt Ion:	136	Resp:	15803
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.6
54	9.2	6.8	10.2
68	6.6	5.0	7.6

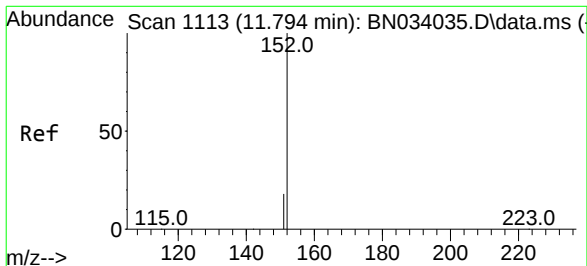
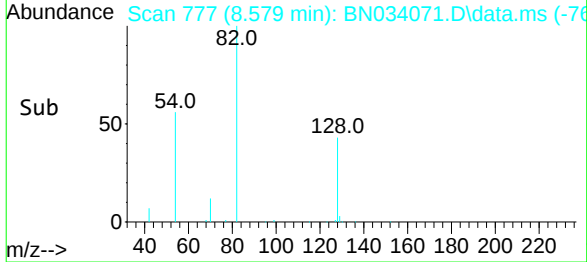
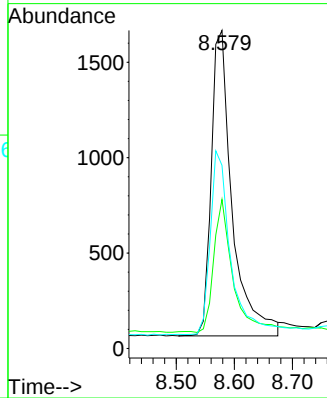
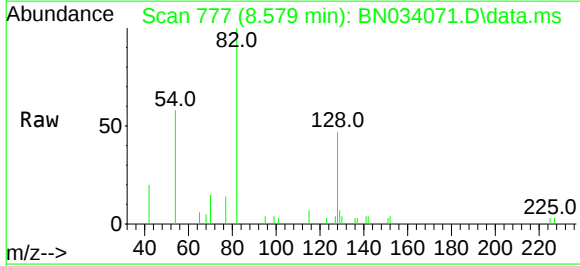




#8
 Nitrobenzene-d5
 Concen: 0.332 ng
 RT: 8.579 min Scan# 77
 Delta R.T. 0.005 min
 Lab File: BN034071.D
 Acq: 20 Sep 2024 05:22

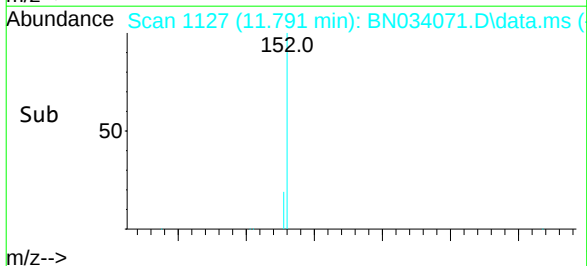
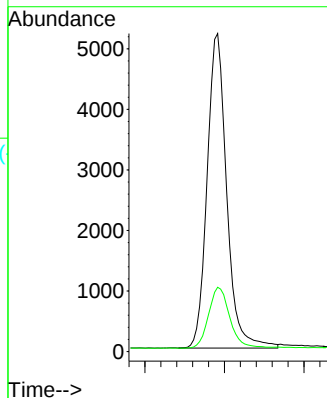
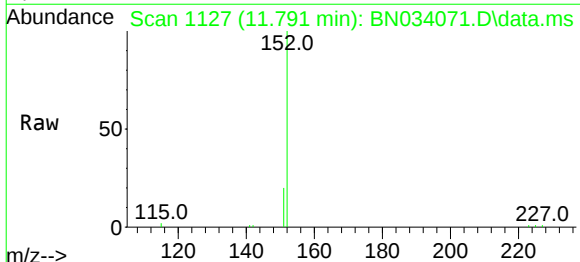
Instrument :
 BNA_N
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 MW179D-20240910

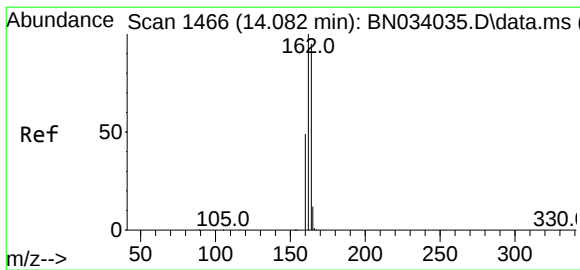
Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.9	31.4	47.2
54	57.6	47.4	71.0



#11
 2-Methylnaphthalene-d10
 Concen: 0.380 ng
 RT: 11.791 min Scan# 1127
 Delta R.T. -0.002 min
 Lab File: BN034071.D
 Acq: 20 Sep 2024 05:22

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.8	25.2





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.083 min Scan# 14

Delta R.T. 0.002 min

Lab File: BN034071.D

Acq: 20 Sep 2024 05:22

Instrument :

BNA_N

ClientSampleId :

MW179D-20240910

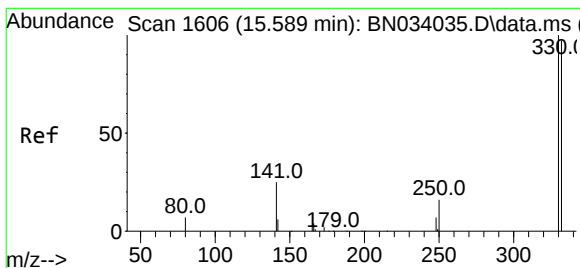
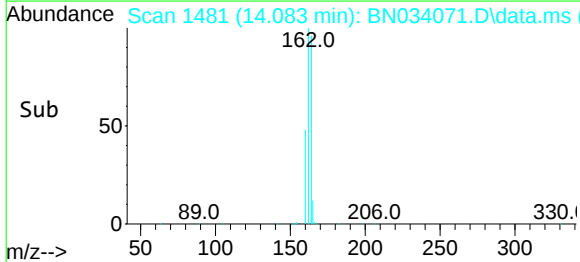
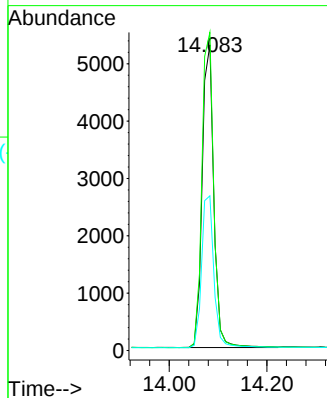
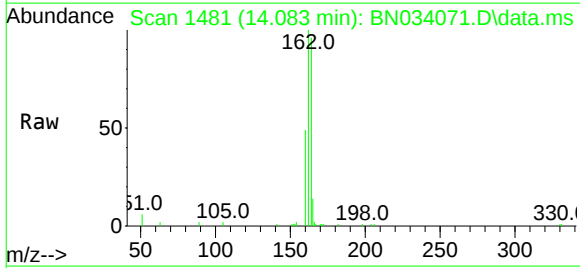
Tgt Ion:164 Resp: 8707

Ion Ratio Lower Upper

164 100

162 104.1 84.2 126.2

160 50.6 41.7 62.5



#14

2,4,6-Tribromophenol

Concen: 0.343 ng

RT: 15.580 min Scan# 1620

Delta R.T. -0.009 min

Lab File: BN034071.D

Acq: 20 Sep 2024 05:22

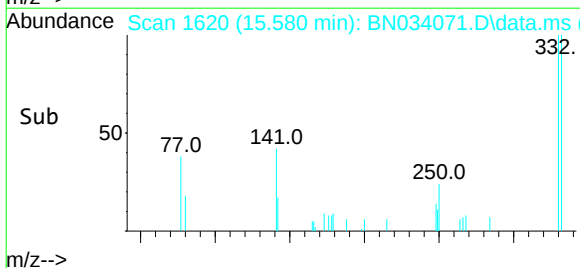
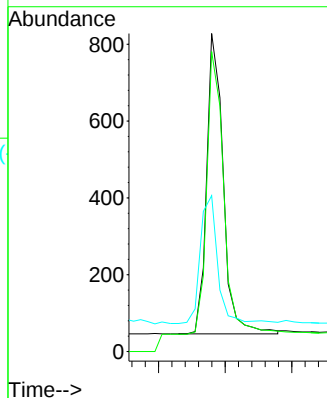
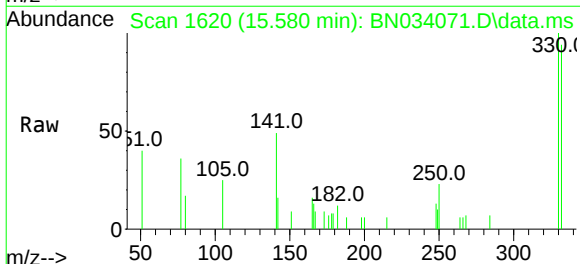
Tgt Ion:330 Resp: 1352

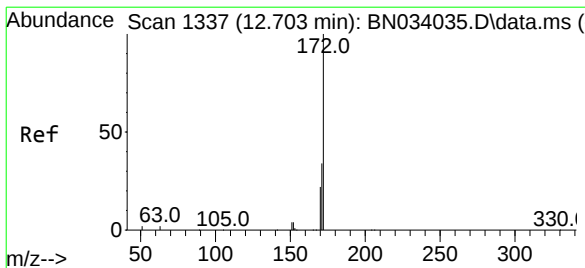
Ion Ratio Lower Upper

330 100

332 96.2 77.4 116.0

141 44.7 35.9 53.9





#15

2-Fluorobiphenyl

Concen: 0.407 ng

RT: 12.694 min Scan# 13

Delta R.T. -0.009 min

Lab File: BN034071.D

Acq: 20 Sep 2024 05:22

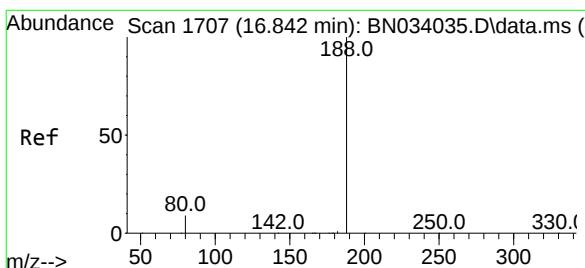
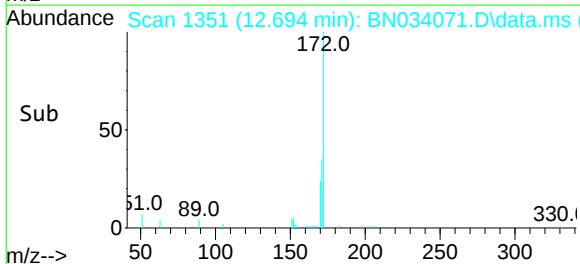
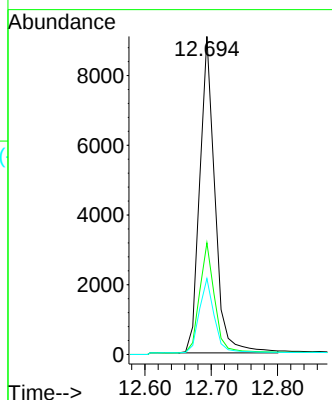
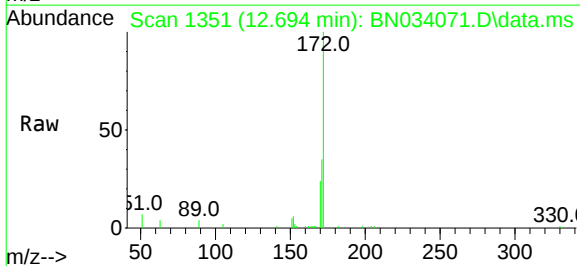
Instrument :

BNA_N

ClientSampleId :

MW179D-20240910

Tgt	Ion:172	Resp:	14427
Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.3	40.9
170	23.9	18.1	27.1



#19

Phenanthrene-d10

Concen: 0.400 ng

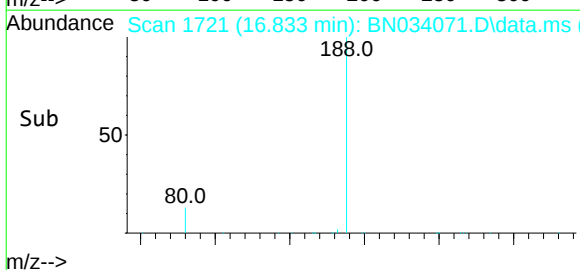
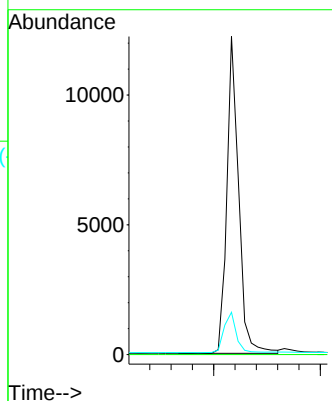
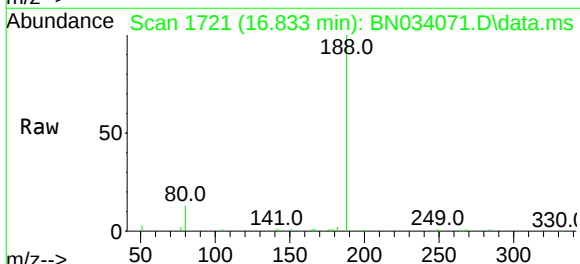
RT: 16.833 min Scan# 1721

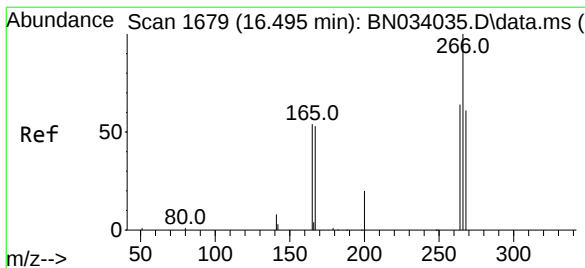
Delta R.T. -0.009 min

Lab File: BN034071.D

Acq: 20 Sep 2024 05:22

Tgt	Ion:188	Resp:	18703
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.3	7.4	11.0





#24

Pentachlorophenol

Concen: 0.097 ng

RT: 16.498 min Scan# 16

Delta R.T. 0.003 min

Lab File: BN034071.D

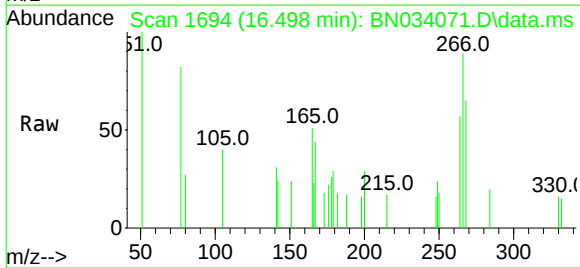
Acq: 20 Sep 2024 05:22

Instrument :

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MW179D-20240910



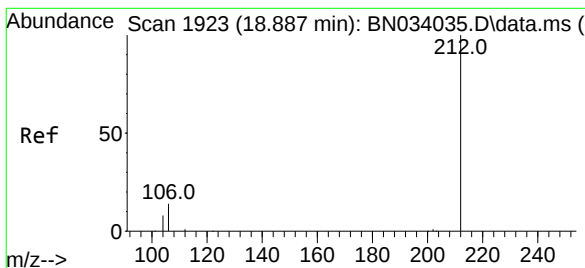
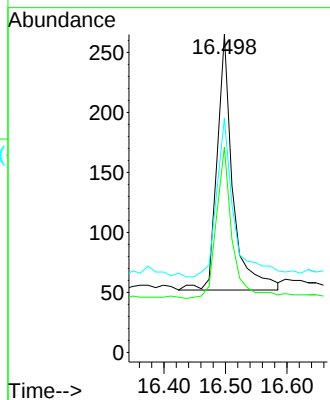
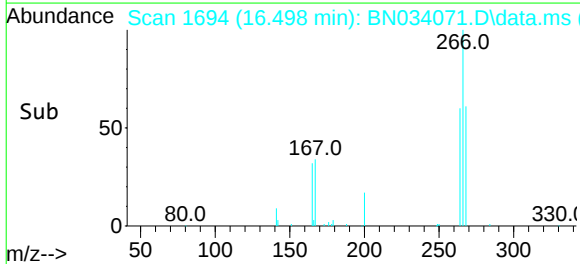
Tgt Ion:266 Resp: 379

Ion Ratio Lower Upper

266 100

264 59.4 50.2 75.2

268 67.3 51.0 76.4



#27

Fluoranthene-d10

Concen: 0.448 ng

RT: 18.881 min Scan# 1936

Delta R.T. -0.006 min

Lab File: BN034071.D

Acq: 20 Sep 2024 05:22

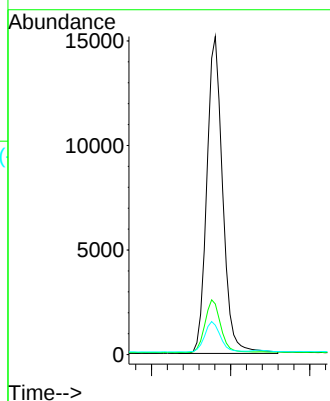
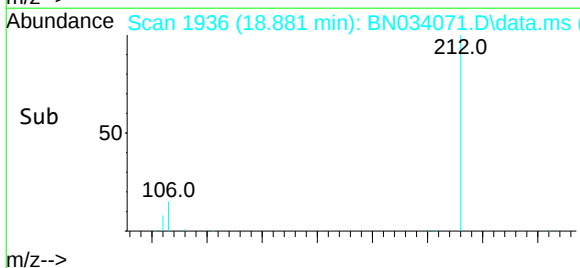
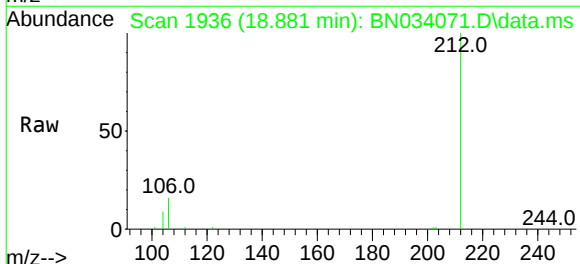
Tgt Ion:212 Resp: 21140

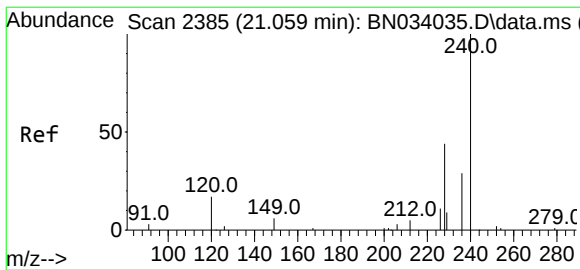
Ion Ratio Lower Upper

212 100

106 16.6 13.4 20.2

104 9.5 7.8 11.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.053 min Scan# 23

Delta R.T. -0.006 min

Lab File: BN034071.D

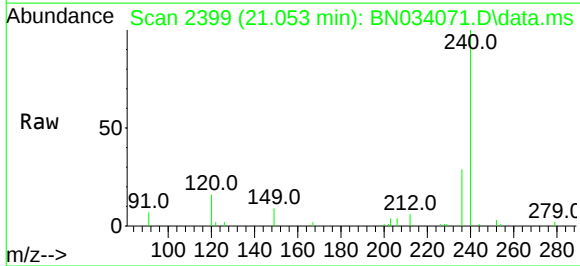
Acq: 20 Sep 2024 05:22

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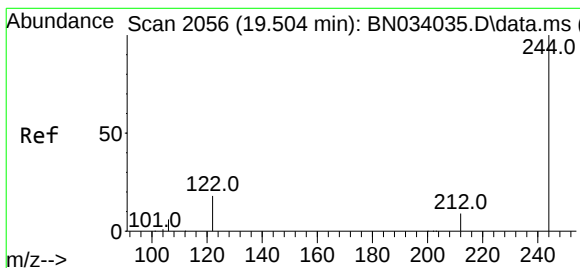
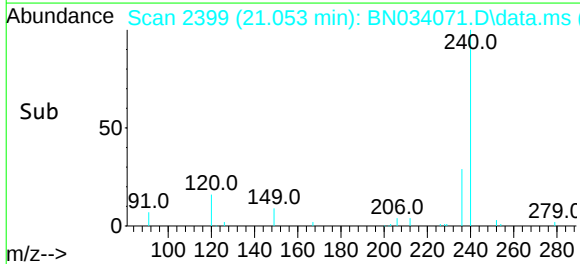
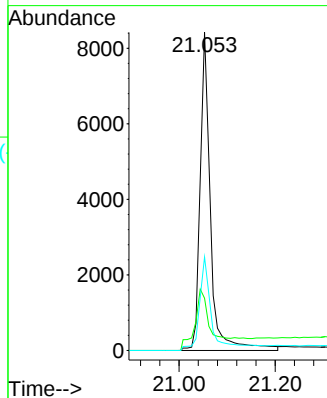
Tgt Ion:240 Resp: 12070

Ion Ratio Lower Upper

240 100

120 16.4 13.5 20.3

236 29.4 23.4 35.0



#31

Terphenyl-d14

Concen: 0.567 ng

RT: 19.498 min Scan# 2069

Delta R.T. -0.006 min

Lab File: BN034071.D

Acq: 20 Sep 2024 05:22

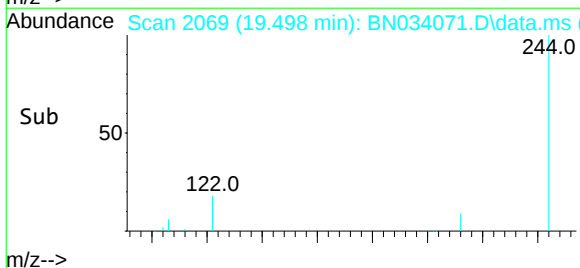
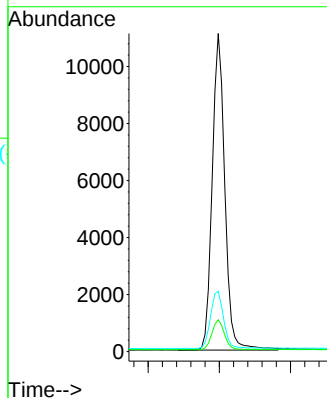
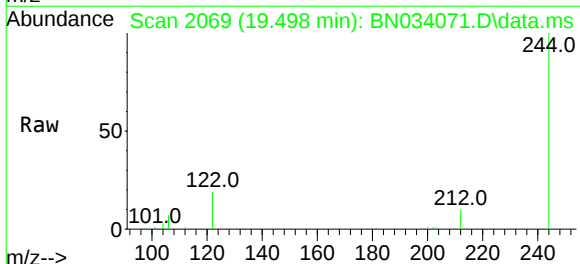
Tgt Ion:244 Resp: 13670

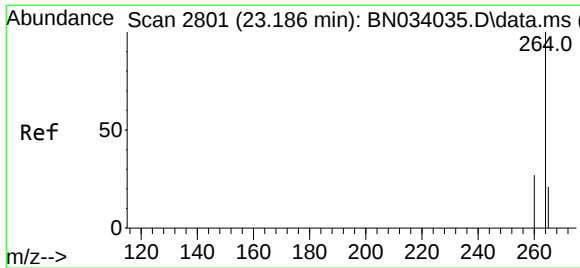
Ion Ratio Lower Upper

244 100

212 10.0 7.8 11.6

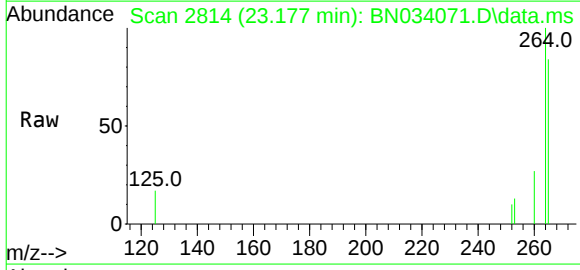
122 18.9 14.8 22.2





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.177 min Scan# 28
Delta R.T. -0.009 min
Lab File: BN034071.D
Acq: 20 Sep 2024 05:22

Instrument :
BNA_N
ClientSampleId :
MW179D-20240910



Tgt Ion:	264	Resp:	10320
Ion	Ratio	Lower	Upper
264	100		
260	26.7	21.7	32.5
265	83.8	52.1	78.1

