

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092324\
 Data File : BN034165.D
 Acq On : 23 Sep 2024 14:18
 Operator : JU/RC
 Sample : P4116-17DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE131D2-20240917DL

Quant Time: Sep 23 14:59:40 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)

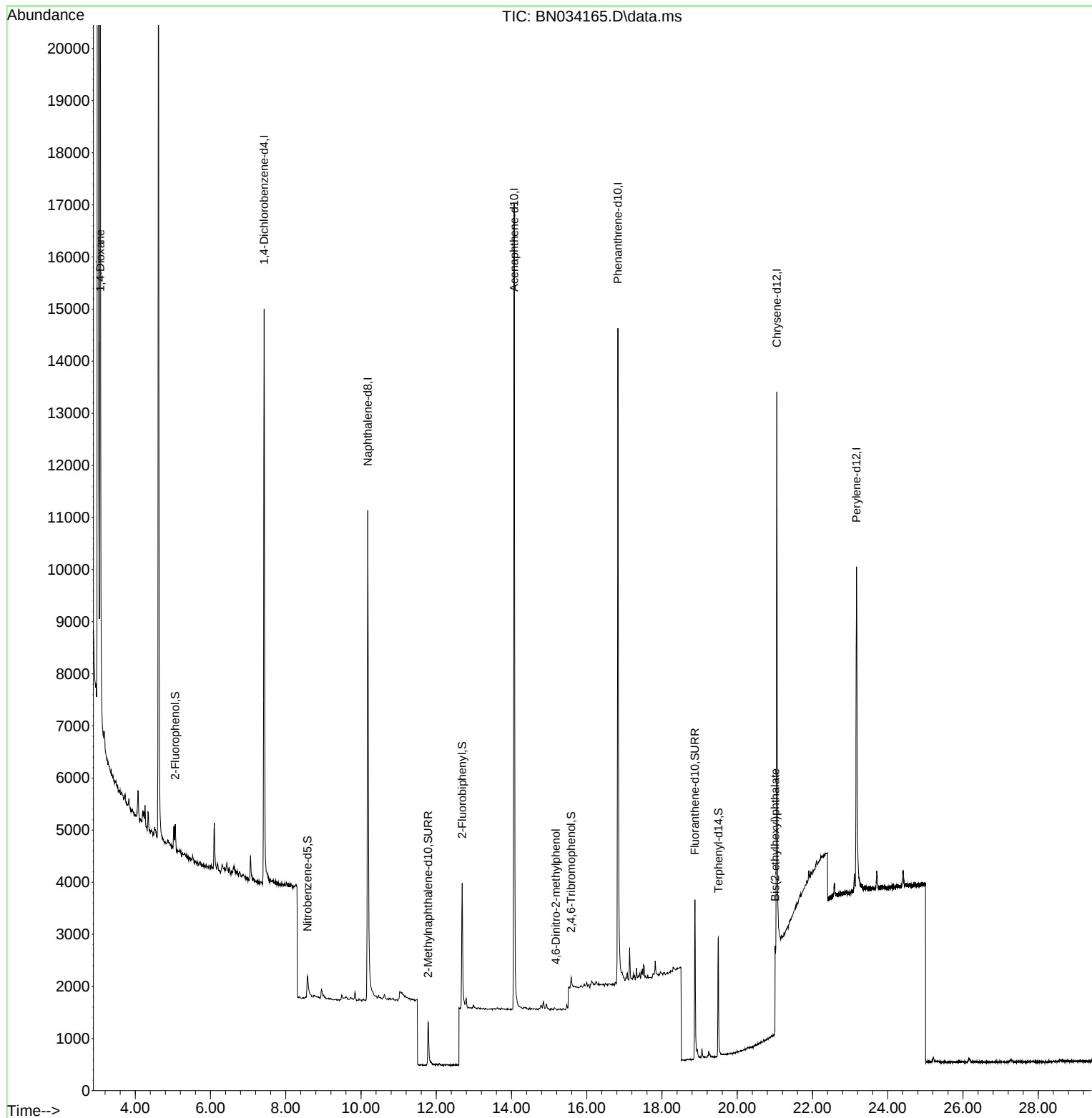
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.423	152	5309	0.400	ng	-0.01
7) Naphthalene-d8	10.180	136	14666	0.400	ng	#-0.02
13) Acenaphthene-d10	14.069	164	8881	0.400	ng	-0.01
19) Phenanthrene-d10	16.828	188	18540	0.400	ng	#-0.01
29) Chrysene-d12	21.051	240	11343	0.400	ng	0.00
35) Perylene-d12	23.169	264	9189	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.062	112	371	0.025	ng	-0.01
5) Phenol-d6	6.629	99	203	0.012	ng	0.00
8) Nitrobenzene-d5	8.579	82	637	0.057	ng	0.00
11) 2-Methylnaphthalene-d10	11.784	152	1544	0.071	ng	0.00
14) 2,4,6-Tribromophenol	15.587	330	156	0.039	ng	0.00
15) 2-Fluorobiphenyl	12.690	172	3031	0.084	ng	-0.01
27) Fluoranthene-d10	18.874	212	3849	0.082	ng	-0.01
31) Terphenyl-d14	19.496	244	2426	0.107	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.068	88	12839	1.934	ng	# 84
20) 4,6-Dinitro-2-methylph...	15.181	198	1	0.138	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.006	149	770	0.052	ng	# 82

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

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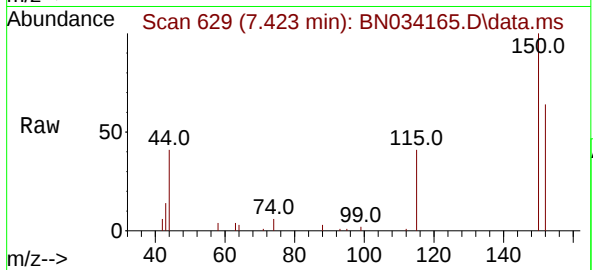
Quant Time: Sep 23 14:59:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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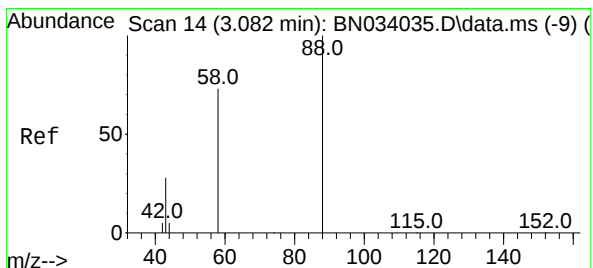
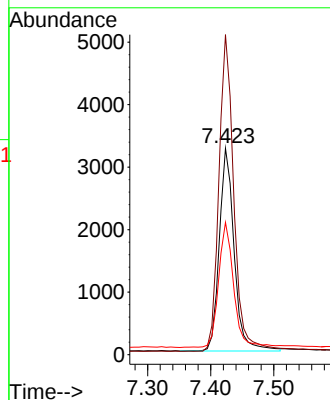
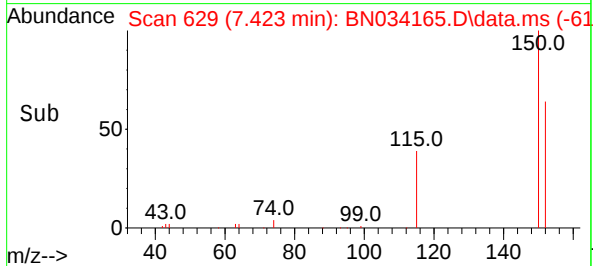


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.423 min Scan# 61
Delta R.T. -0.014 min
Lab File: BN034165.D
Acq: 23 Sep 2024 14:18

Instrument :
BNA_N
ClientSampleId :
RE131D2-20240917DL

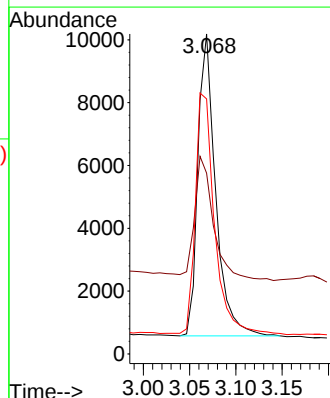
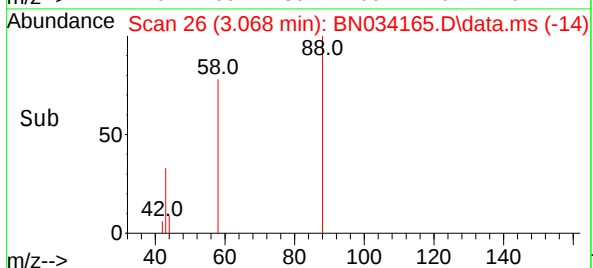
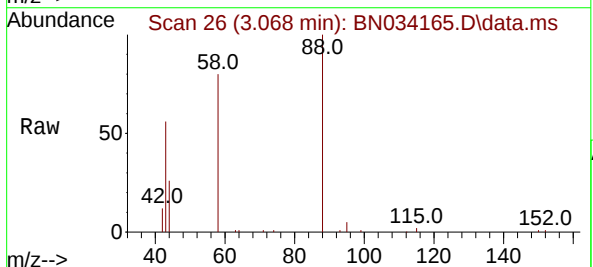


Tgt Ion:152 Resp: 5309
Ion Ratio Lower Upper
152 100
150 155.1 124.6 187.0
115 64.1 50.0 75.0



#2
1,4-Dioxane
Concen: 1.934 ng
RT: 3.068 min Scan# 26
Delta R.T. -0.013 min
Lab File: BN034165.D
Acq: 23 Sep 2024 14:18

Tgt Ion: 88 Resp: 12839
Ion Ratio Lower Upper
88 100
43 44.3 25.8 38.8#
58 85.1 58.8 88.2

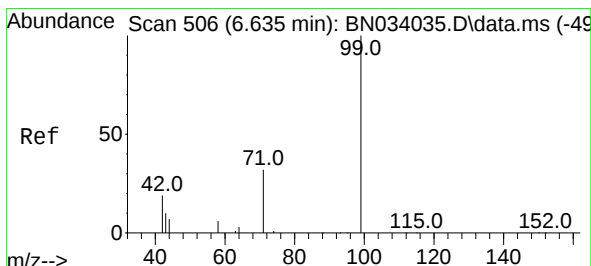
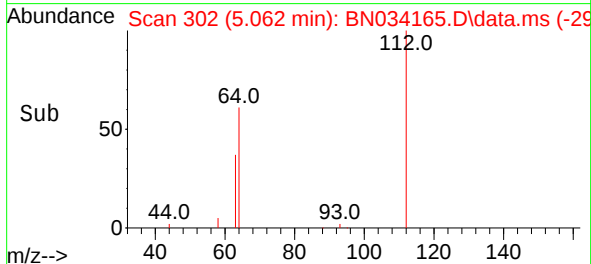
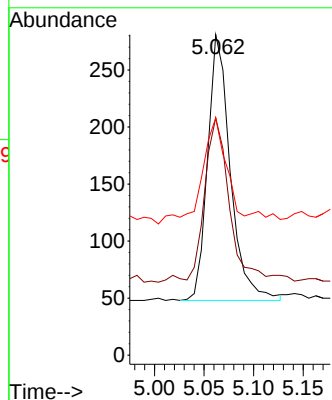
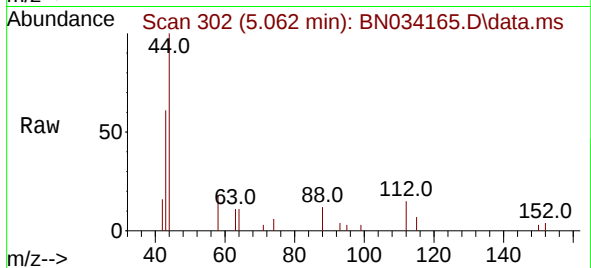




#4
2-Fluorophenol
Concen: 0.025 ng
RT: 5.062 min Scan# 302
Delta R.T. -0.013 min
Lab File: BN034165.D
Acq: 23 Sep 2024 14:18

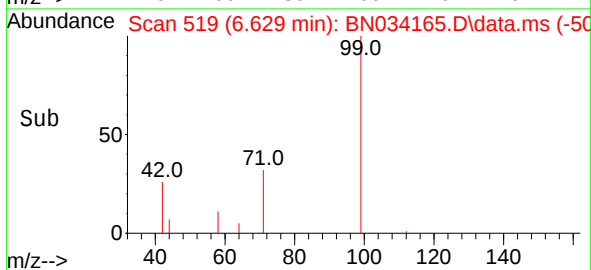
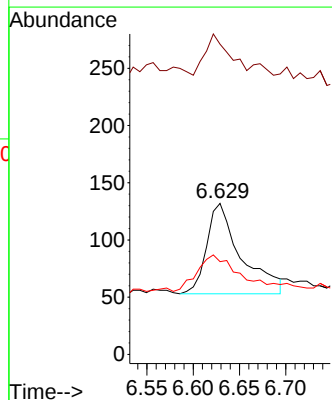
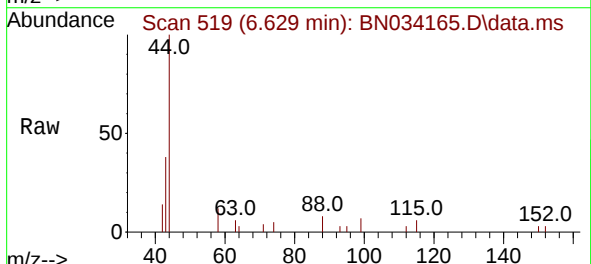
Instrument :
BNA_N
ClientSampleId :
RE131D2-20240917DL

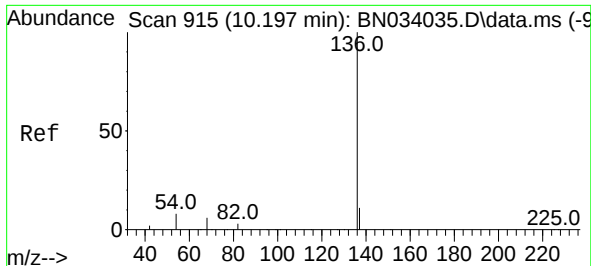
Tgt Ion:112 Resp: 371
Ion Ratio Lower Upper
112 100
64 69.5 48.6 72.8
63 43.1 25.6 38.4#



#5
Phenol-d6
Concen: 0.012 ng
RT: 6.629 min Scan# 519
Delta R.T. -0.006 min
Lab File: BN034165.D
Acq: 23 Sep 2024 14:18

Tgt Ion: 99 Resp: 203
Ion Ratio Lower Upper
99 100
42 31.5 17.8 26.8#
71 52.2 26.2 39.2#

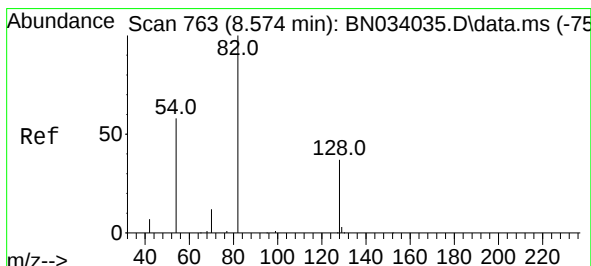
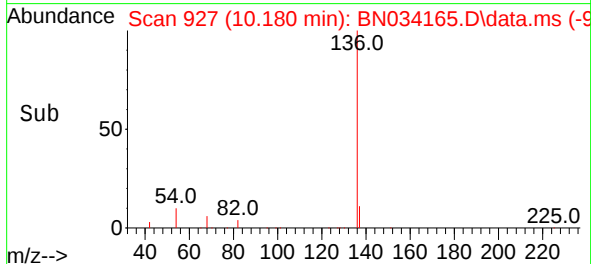
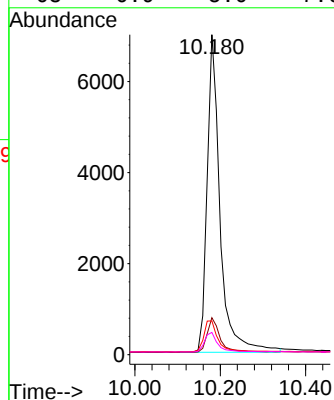
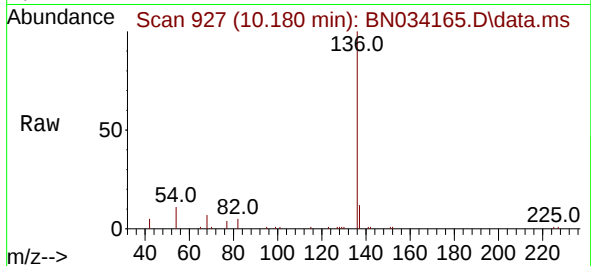




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.180 min Scan# 915
Delta R.T. -0.017 min
Lab File: BN034165.D
Acq: 23 Sep 2024 14:18

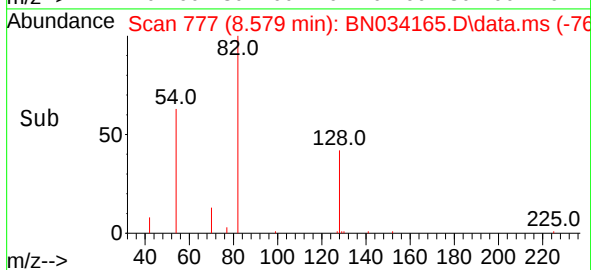
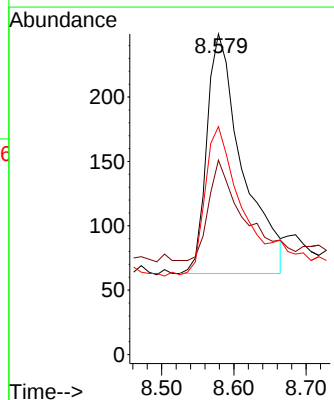
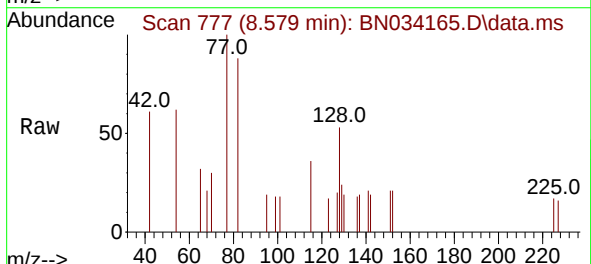
Instrument :
BNA_N
ClientSampleId :
RE131D2-20240917DL

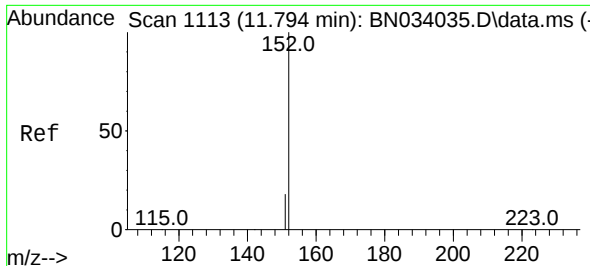
Tgt Ion:136	Resp:	14666
Ion Ratio	Lower	Upper
136	100	
137	11.6	9.0 13.6
54	10.6	6.8 10.2#
68	6.9	5.0 7.6



#8
Nitrobenzene-d5
Concen: 0.057 ng
RT: 8.579 min Scan# 777
Delta R.T. 0.005 min
Lab File: BN034165.D
Acq: 23 Sep 2024 14:18

Tgt Ion: 82	Resp:	637
Ion Ratio	Lower	Upper
82	100	
128	60.6	31.4 47.2#
54	71.1	47.4 71.0#





#11

2-Methylnaphthalene-d10

Concen: 0.071 ng

RT: 11.784 min Scan# 1113

Delta R.T. -0.010 min

Lab File: BN034165.D

Acq: 23 Sep 2024 14:18

Instrument :

BNA_N

ClientSampleId :

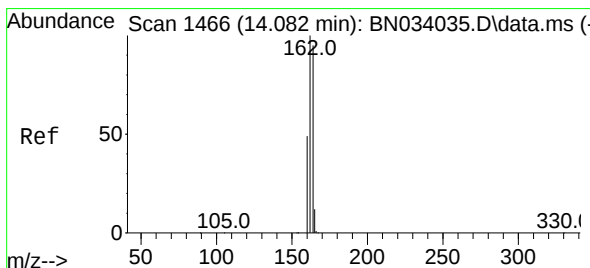
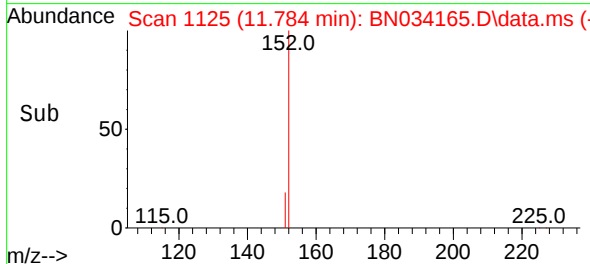
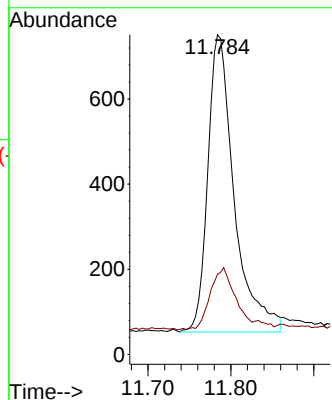
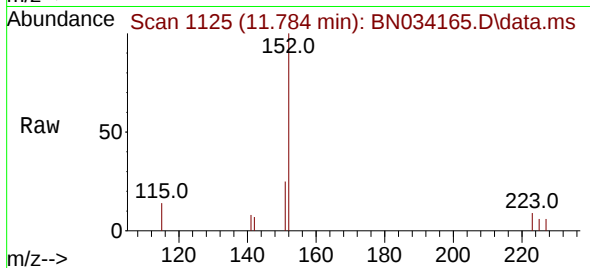
RE131D2-20240917DL

Tgt Ion:152 Resp: 1544

Ion Ratio Lower Upper

152 100

151 21.4 16.8 25.2



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.069 min Scan# 1479

Delta R.T. -0.013 min

Lab File: BN034165.D

Acq: 23 Sep 2024 14:18

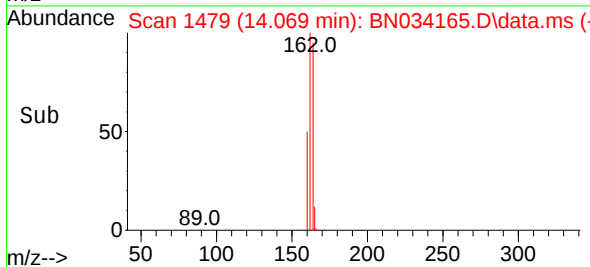
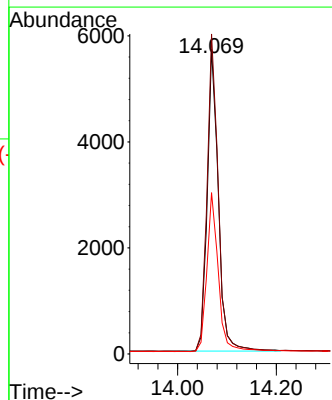
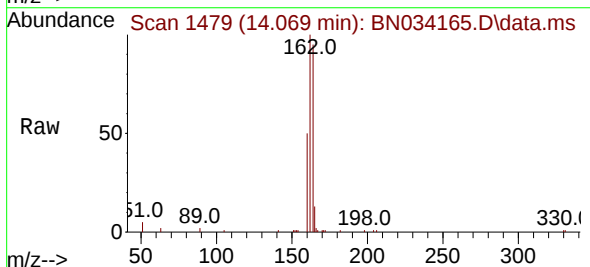
Tgt Ion:164 Resp: 8881

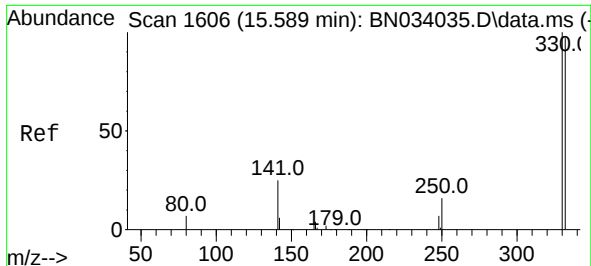
Ion Ratio Lower Upper

164 100

162 105.0 84.2 126.2

160 52.9 41.7 62.5





#14

2,4,6-Tribromophenol

Concen: 0.039 ng

RT: 15.587 min Scan# 1

Delta R.T. -0.002 min

Lab File: BN034165.D

Acq: 23 Sep 2024 14:18

Instrument :

BNA_N

ClientSampleId :

RE131D2-20240917DL

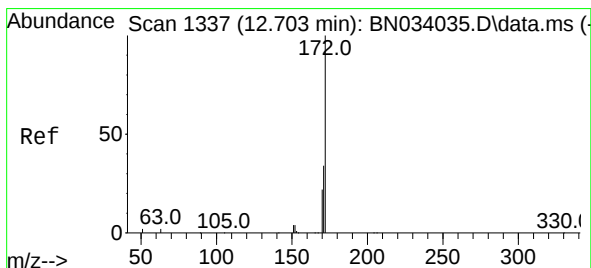
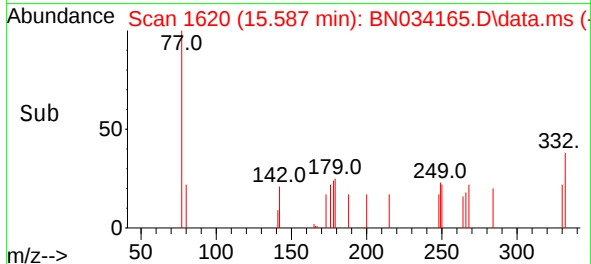
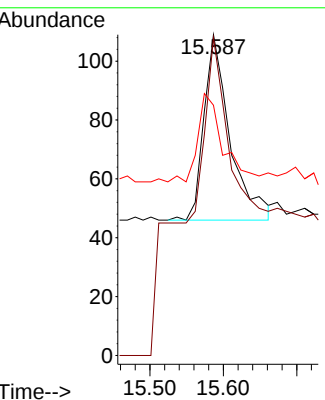
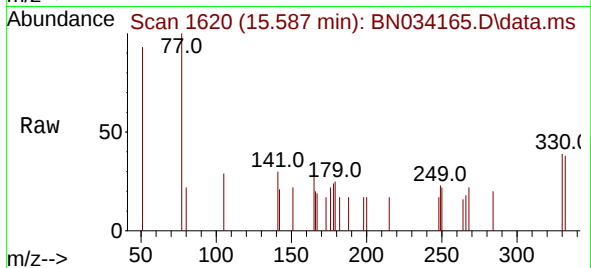
Tgt Ion:330 Resp: 156

Ion Ratio Lower Upper

330 100

332 363.5 77.4 116.0#

141 45.5 35.9 53.9



#15

2-Fluorobiphenyl

Concen: 0.084 ng

RT: 12.690 min Scan# 1350

Delta R.T. -0.013 min

Lab File: BN034165.D

Acq: 23 Sep 2024 14:18

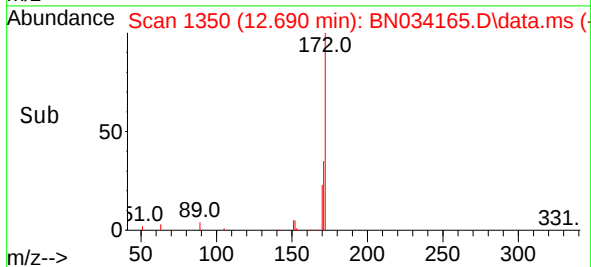
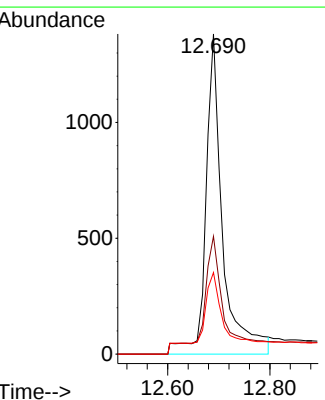
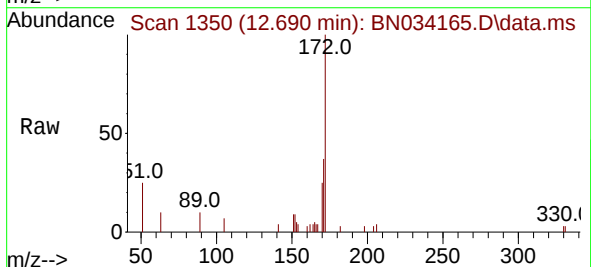
Tgt Ion:172 Resp: 3031

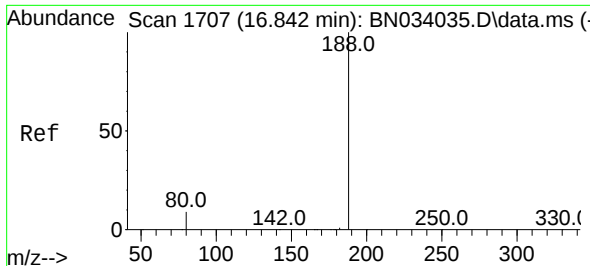
Ion Ratio Lower Upper

172 100

171 36.8 27.3 40.9

170 25.5 18.1 27.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.828 min Scan# 11

Delta R.T. -0.015 min

Lab File: BN034165.D

Acq: 23 Sep 2024 14:18

Instrument :

BNA_N

ClientSampleId :

RE131D2-20240917DL

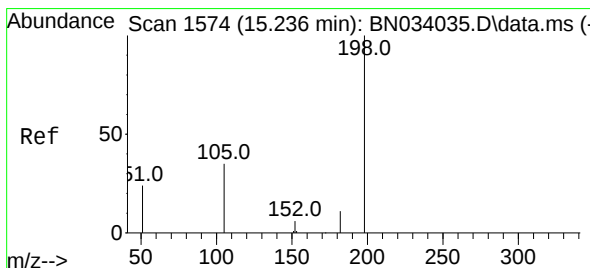
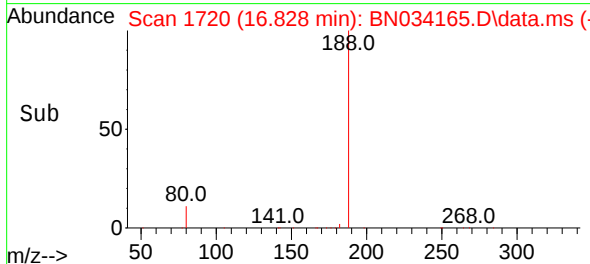
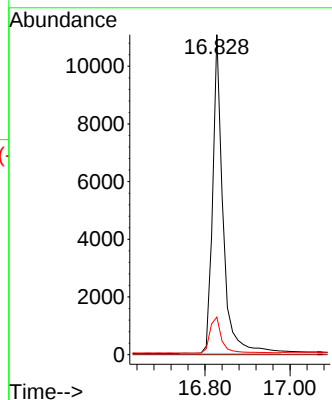
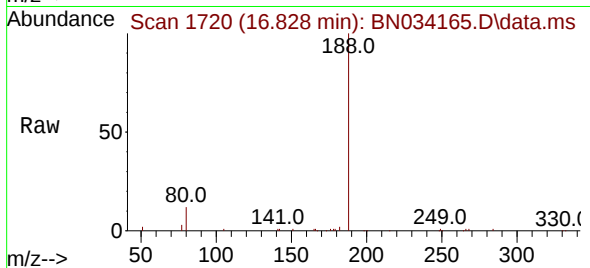
Tgt Ion:188 Resp: 18540

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.7 7.4 11.0#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.138 ng

RT: 15.181 min Scan# 1583

Delta R.T. -0.055 min

Lab File: BN034165.D

Acq: 23 Sep 2024 14:18

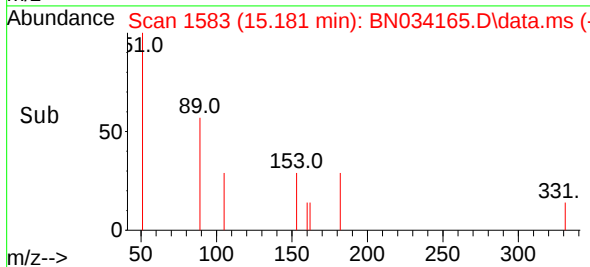
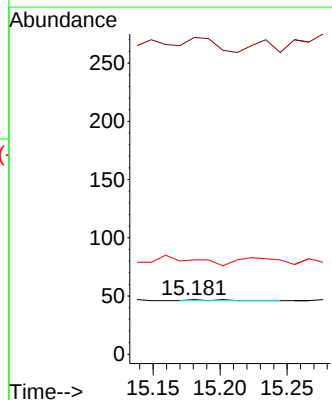
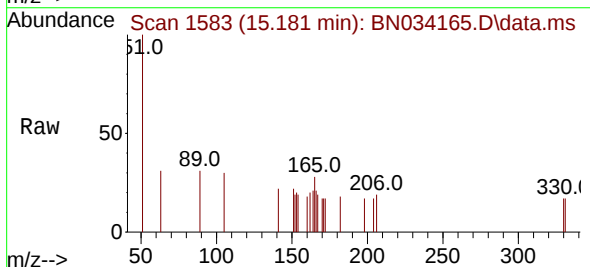
Tgt Ion:198 Resp: 1

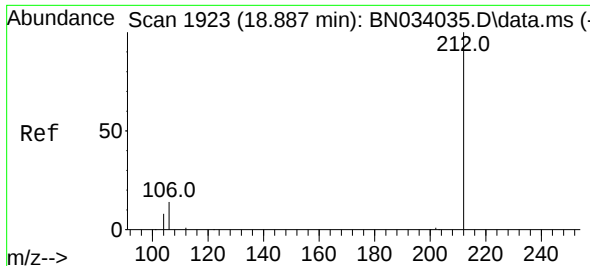
Ion Ratio Lower Upper

198 100

51 578.7 106.4 159.6#

105 172.3 38.5 57.7#





#27

Fluoranthene-d10

Concen: 0.082 ng

RT: 18.874 min Scan# 1933

Delta R.T. -0.013 min

Lab File: BN034165.D

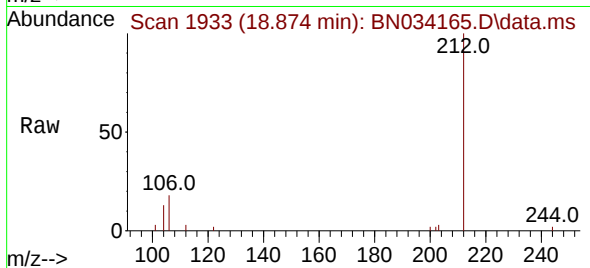
Acq: 23 Sep 2024 14:18

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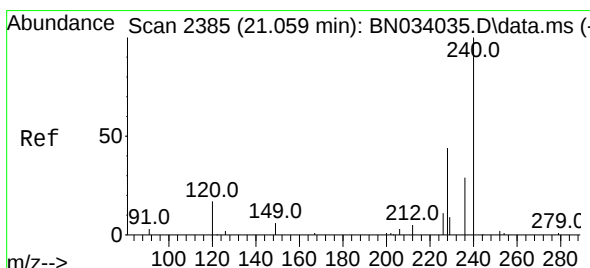
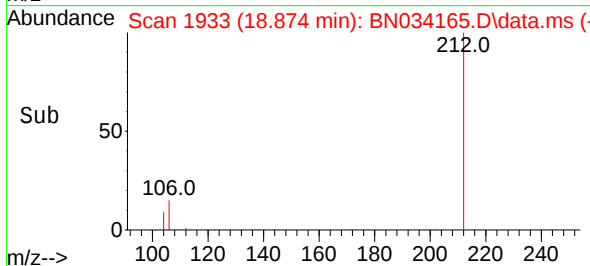
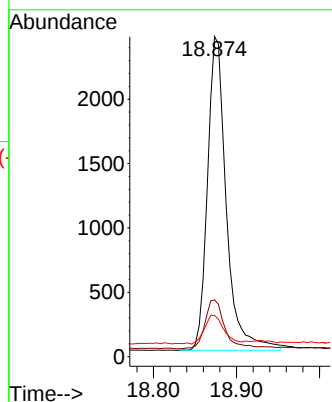
Tgt Ion:212 Resp: 3849

Ion Ratio Lower Upper

212 100

106 16.2 13.4 20.2

104 9.4 7.8 11.6



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.051 min Scan# 2397

Delta R.T. -0.008 min

Lab File: BN034165.D

Acq: 23 Sep 2024 14:18

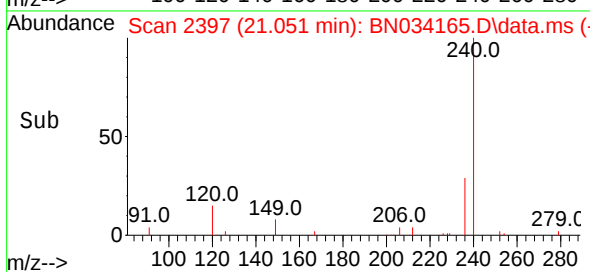
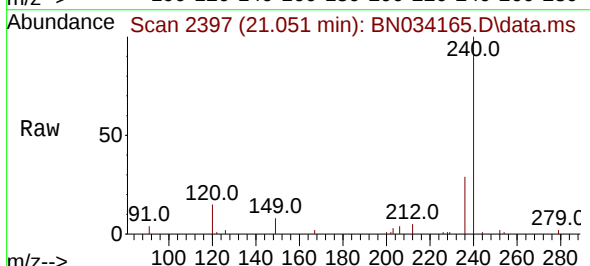
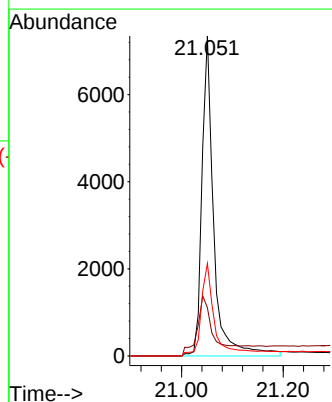
Tgt Ion:240 Resp: 11343

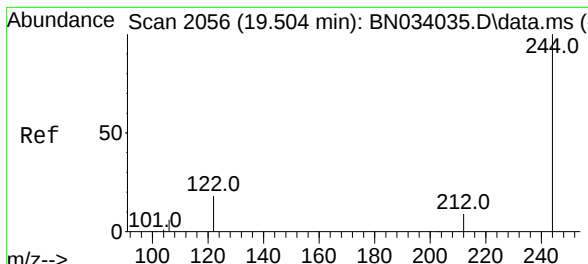
Ion Ratio Lower Upper

240 100

120 15.1 13.5 20.3

236 28.9 23.4 35.0

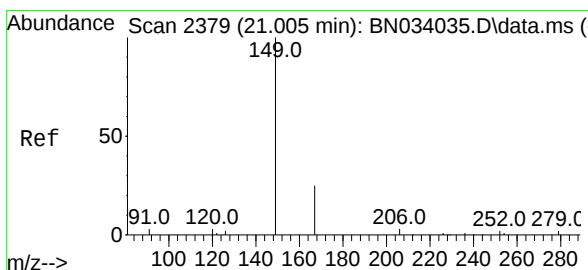
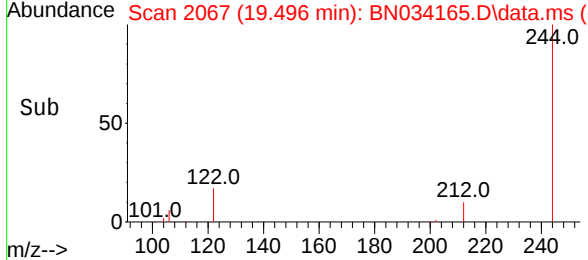
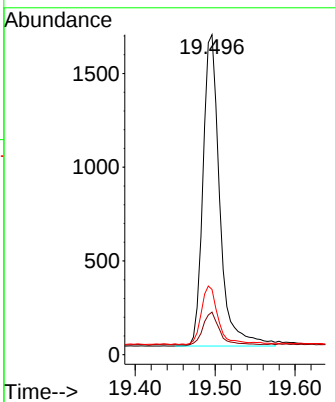
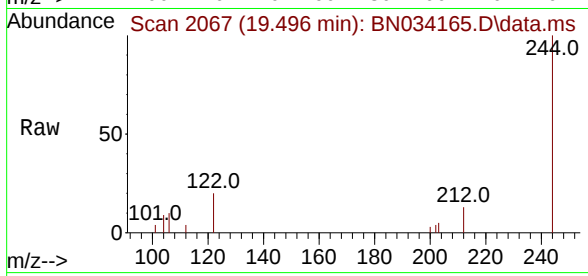




#31
 Terphenyl-d14
 Concen: 0.107 ng
 RT: 19.496 min Scan# 2056
 Delta R.T. -0.008 min
 Lab File: BN034165.D
 Acq: 23 Sep 2024 14:18

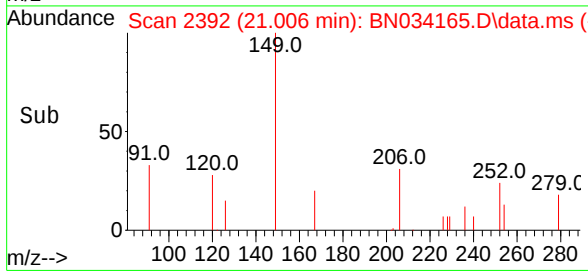
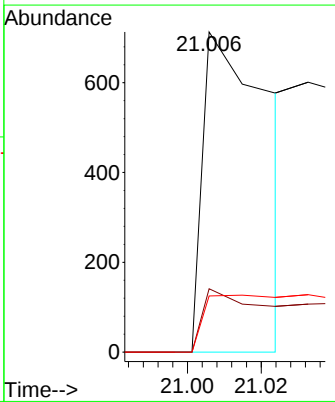
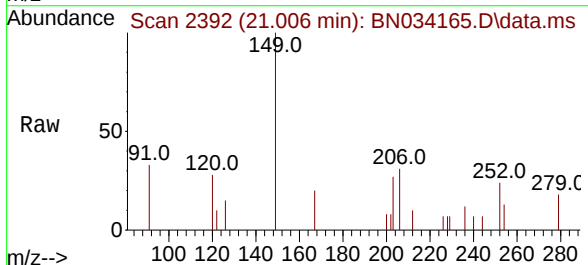
Instrument : BNA_N
 ClientSampleId : RE131D2-20240917DL

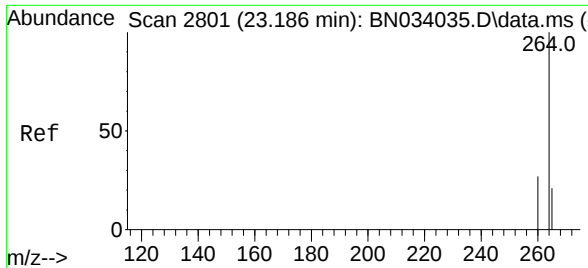
Tgt Ion:	244	Resp:	2426
Ion Ratio	Lower	Upper	
244	100		
212	13.3	7.8	11.6#
122	20.4	14.8	22.2



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.052 ng
 RT: 21.006 min Scan# 2392
 Delta R.T. 0.001 min
 Lab File: BN034165.D
 Acq: 23 Sep 2024 14:18

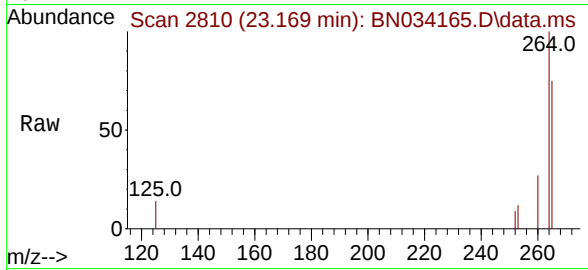
Tgt Ion:	149	Resp:	770
Ion Ratio	Lower	Upper	
149	100		
167	18.6	19.9	29.9#
279	19.9	4.6	6.8#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.169 min Scan# 21
Delta R.T. -0.017 min
Lab File: BN034165.D
Acq: 23 Sep 2024 14:18

Instrument :
BNA_N
ClientSampleId :
RE131D2-20240917DL



Tgt Ion:264 Resp: 9189
Ion Ratio Lower Upper
264 100
260 27.1 21.7 32.5
265 74.7 52.1 78.1

