

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031725\
 Data File : BN036673.D
 Acq On : 18 Mar 2025 00:03
 Operator : RC/JU
 Sample : Q1582-10
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE114D1-20250313

Quant Time: Mar 18 00:57:02 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 16:06:28 2025
 Response via : Initial Calibration

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

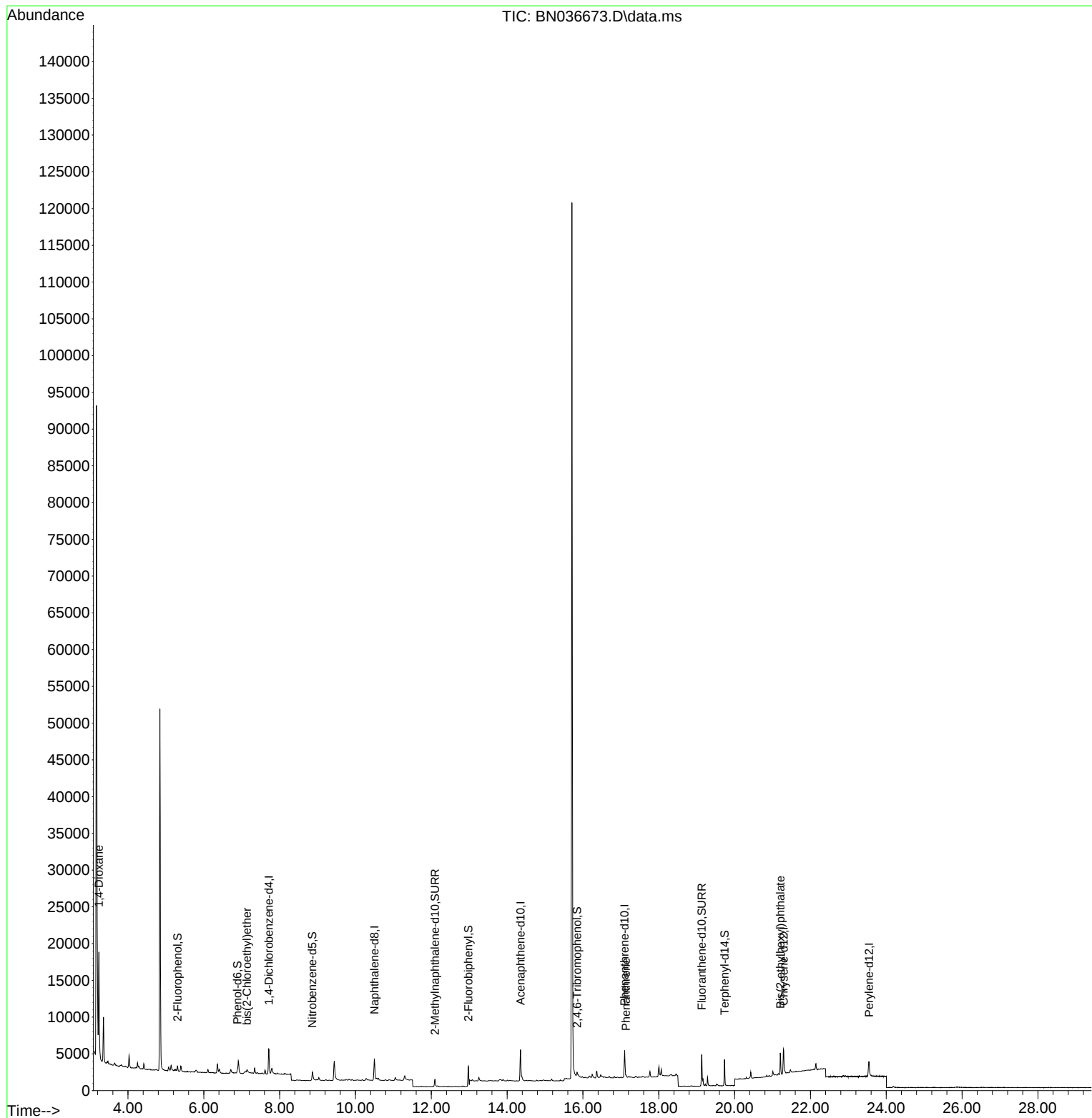
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	1655	0.400	ng	0.00
7) Naphthalene-d8	10.498	136	4102	0.400	ng	-0.01
13) Acenaphthene-d10	14.355	164	2453	0.400	ng	-0.01
19) Phenanthrene-d10	17.099	188	5059	0.400	ng	-0.01
29) Chrysene-d12	21.295	240	3831	0.400	ng	# 0.00
35) Perylene-d12	23.546	264	3185	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.305	112	514	0.133	ng	0.00
5) Phenol-d6	6.887	99	386	0.081	ng	-0.01
8) Nitrobenzene-d5	8.865	82	1129	0.253	ng	-0.01
11) 2-Methylnaphthalene-d10	12.096	152	1481	0.243	ng	-0.02
14) 2,4,6-Tribromophenol	15.845	330	348	0.313	ng	-0.01
15) 2-Fluorobiphenyl	12.978	172	3792	0.266	ng	-0.01
27) Fluoranthene-d10	19.132	212	4901	0.378	ng	0.00
31) Terphenyl-d14	19.736	244	3551	0.387	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.232	88	7300	3.976	ng	Qvalue 94
6) bis(2-Chloroethyl)ether	7.139	93	243	0.049	ng	# 86
25) Phenanthrene	17.136	178	309	0.020	ng	# 72
34) Bis(2-ethylhexyl)phtha...	21.205	149	2781	0.293	ng	# 97

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

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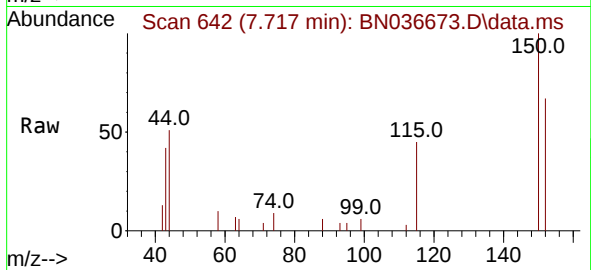
Quant Time: Mar 18 00:57:02 2025
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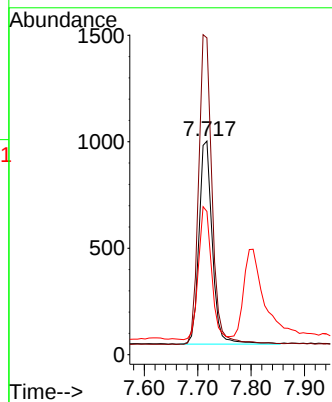
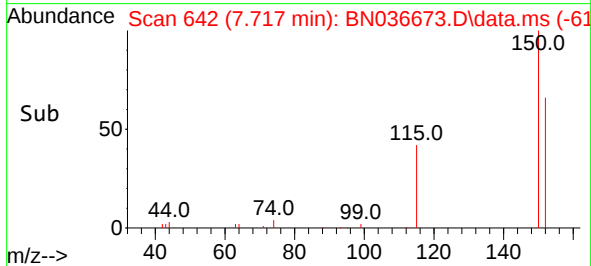


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.717 min Scan# 64
 Delta R.T. -0.007 min
 Lab File: BN036673.D
 Acq: 18 Mar 2025 00:03

Instrument :
 BNA_N
 ClientSampleId :
 RE114D1-20250313

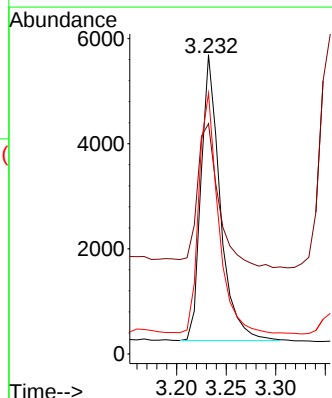
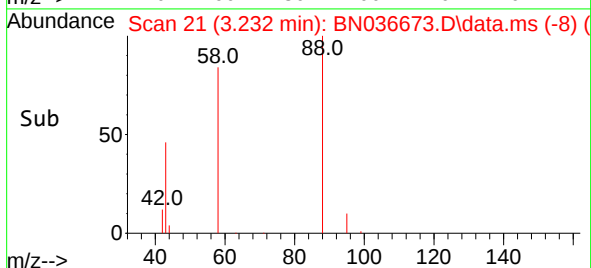
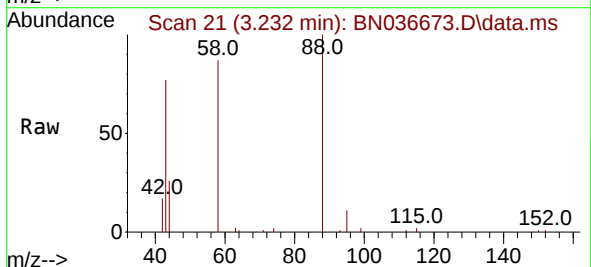


Tgt Ion:152 Resp: 1655
 Ion Ratio Lower Upper
 152 100
 150 148.4 123.7 185.5
 115 67.1 54.3 81.5



#2
 1,4-Dioxane
 Concen: 3.976 ng
 RT: 3.232 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BN036673.D
 Acq: 18 Mar 2025 00:03

Tgt Ion: 88 Resp: 7300
 Ion Ratio Lower Upper
 88 100
 43 56.6 37.8 56.8
 58 85.4 67.4 101.2





#4

2-Fluorophenol

Concen: 0.133 ng

RT: 5.305 min Scan# 309

Delta R.T. -0.007 min

Lab File: BN036673.D

Acq: 18 Mar 2025 00:03

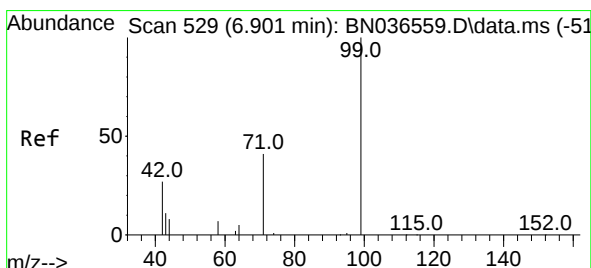
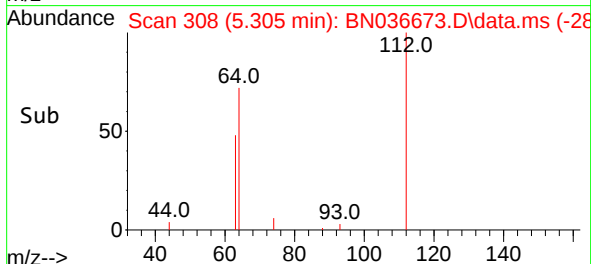
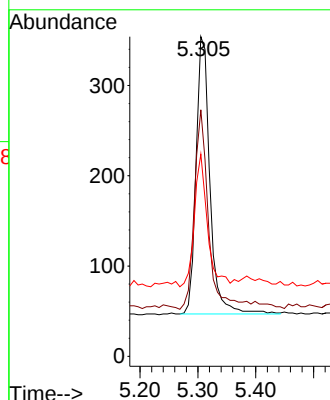
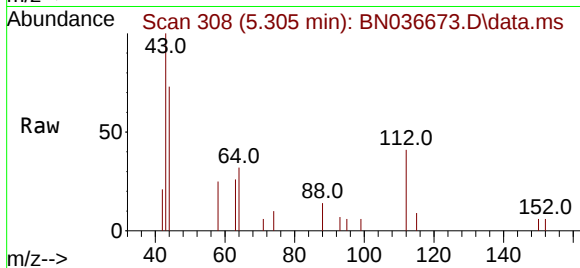
Instrument :

BNA_N

ClientSampleId :

RE114D1-20250313

Tgt Ion:	112	Resp:	514
Ion	Ratio	Lower	Upper
112	100		
64	77.0	53.1	79.7
63	44.7	31.8	47.8



#5

Phenol-d6

Concen: 0.081 ng

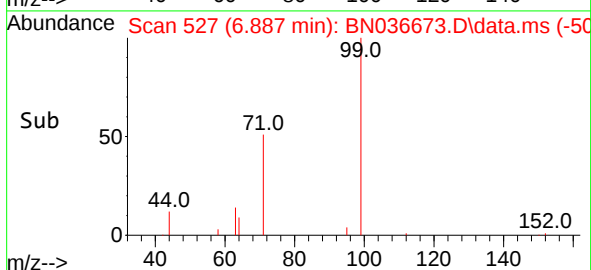
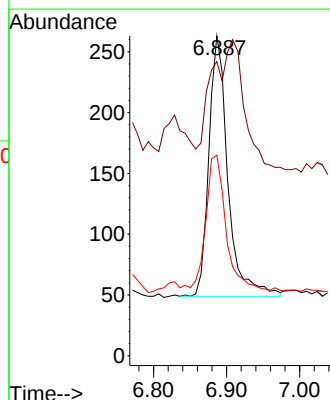
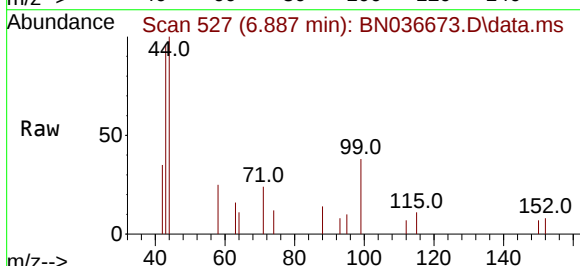
RT: 6.887 min Scan# 527

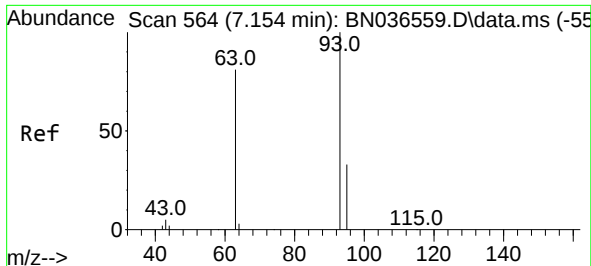
Delta R.T. -0.014 min

Lab File: BN036673.D

Acq: 18 Mar 2025 00:03

Tgt Ion:	99	Resp:	386
Ion	Ratio	Lower	Upper
99	100		
42	0.0	26.5	39.7#
71	54.9	34.1	51.1#

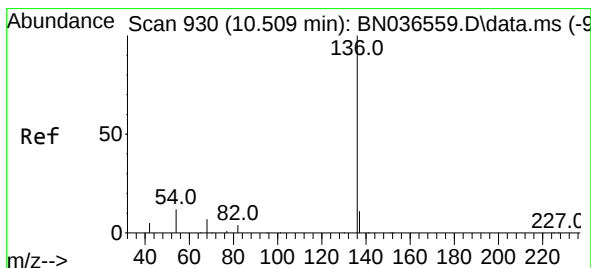
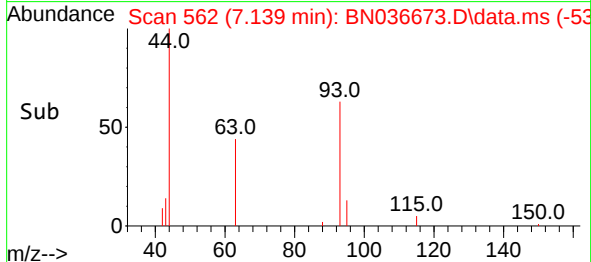
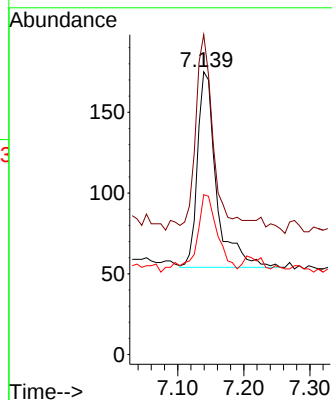
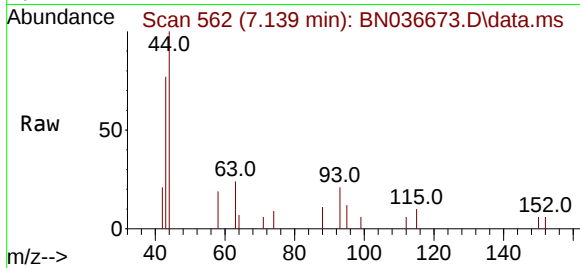




#6
bis(2-Chloroethyl)ether
Concen: 0.049 ng
RT: 7.139 min Scan# 501
Delta R.T. -0.014 min
Lab File: BN036673.D
Acq: 18 Mar 2025 00:03

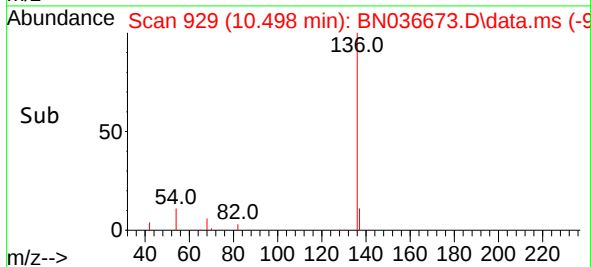
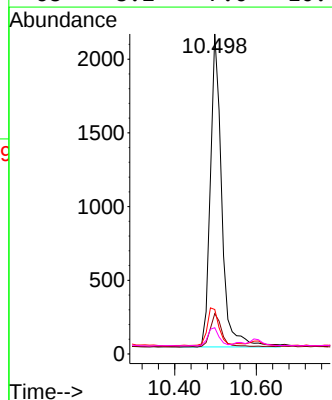
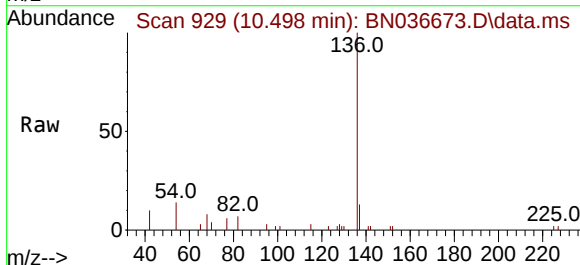
Instrument :
BNA_N
ClientSampleId :
RE114D1-20250313

Tgt Ion: 93 Resp: 243
Ion Ratio Lower Upper
93 100
63 94.7 67.7 101.5
95 44.4 25.6 38.4#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.498 min Scan# 929
Delta R.T. -0.011 min
Lab File: BN036673.D
Acq: 18 Mar 2025 00:03

Tgt Ion:136 Resp: 4102
Ion Ratio Lower Upper
136 100
137 12.6 10.3 15.5
54 13.9 11.5 17.3
68 8.2 7.0 10.4

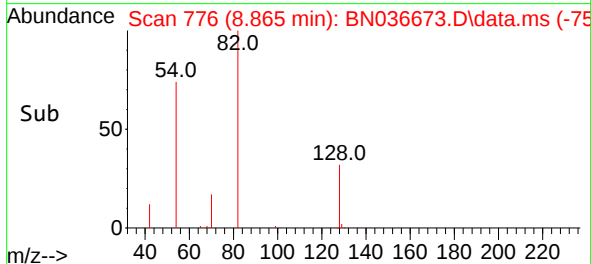
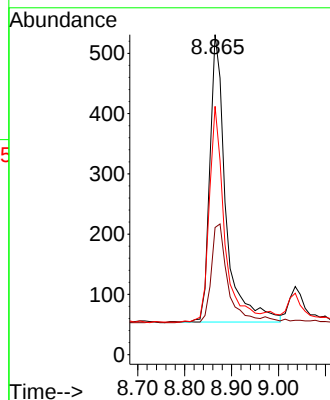
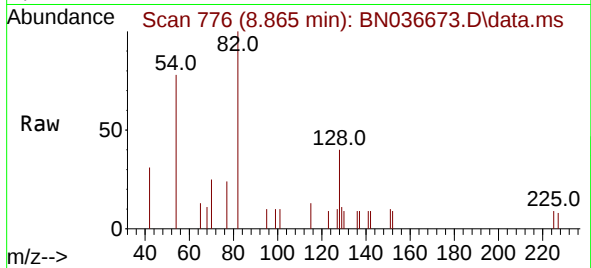




#8
 Nitrobenzene-d5
 Concen: 0.253 ng
 RT: 8.865 min Scan# 71
 Delta R.T. -0.011 min
 Lab File: BN036673.D
 Acq: 18 Mar 2025 00:03

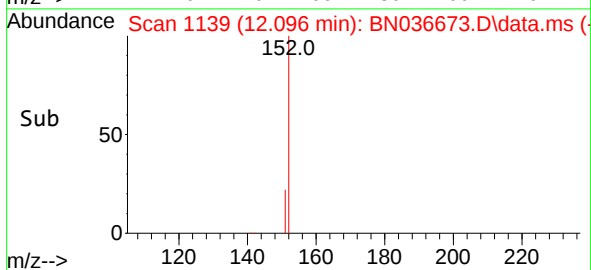
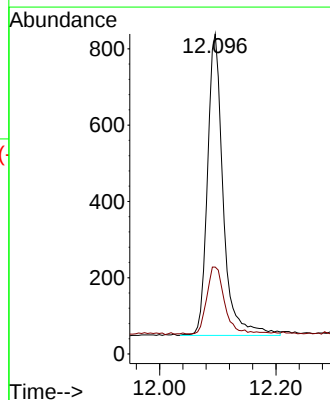
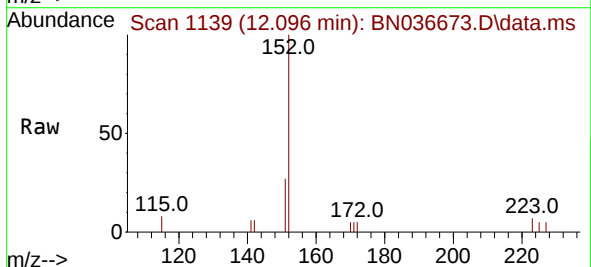
Instrument :
 BNA_N
 ClientSampleId :
 RE114D1-20250313

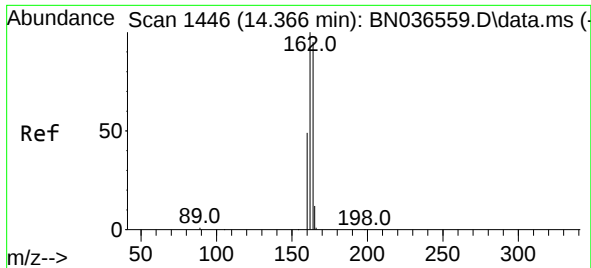
Tgt Ion: 82 Resp: 1129
 Ion Ratio Lower Upper
 82 100
 128 39.7 30.6 45.8
 54 77.6 52.2 78.4



#11
 2-Methylnaphthalene-d10
 Concen: 0.243 ng
 RT: 12.096 min Scan# 1139
 Delta R.T. -0.015 min
 Lab File: BN036673.D
 Acq: 18 Mar 2025 00:03

Tgt Ion: 152 Resp: 1481
 Ion Ratio Lower Upper
 152 100
 151 25.2 17.0 25.6

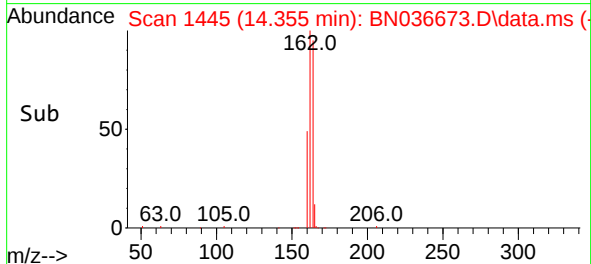
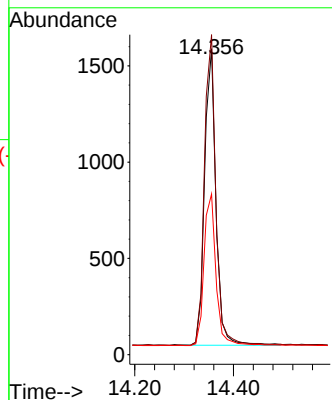
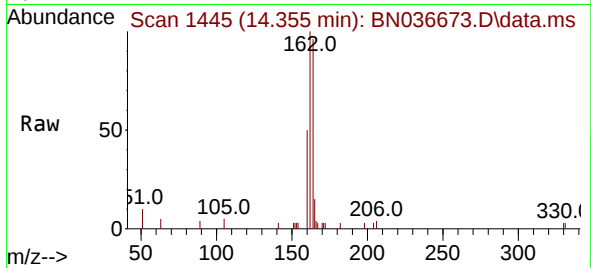




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.355 min Scan# 14
 Delta R.T. -0.011 min
 Lab File: BN036673.D
 Acq: 18 Mar 2025 00:03

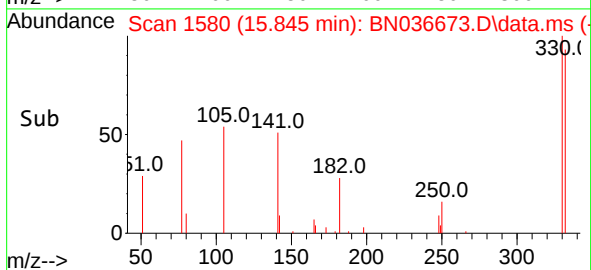
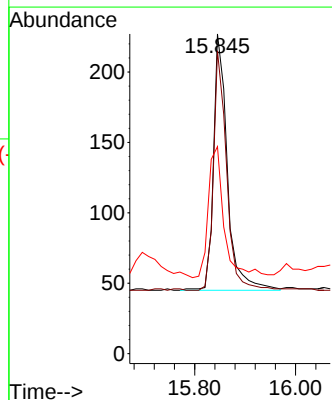
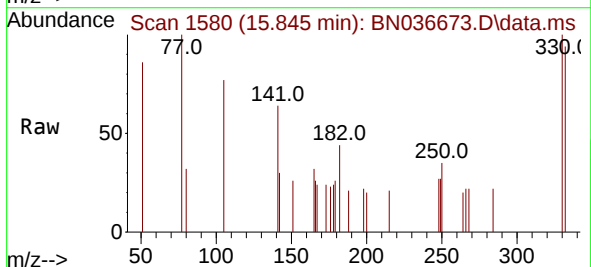
Instrument :
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 RE114D1-20250313

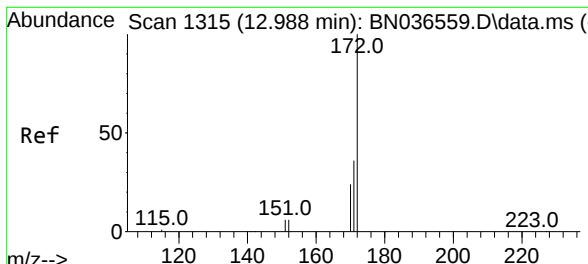
Tgt Ion:164 Resp: 2453
 Ion Ratio Lower Upper
 164 100
 162 104.6 84.2 126.2
 160 52.5 42.2 63.2



#14
 2,4,6-Tribromophenol
 Concen: 0.313 ng
 RT: 15.845 min Scan# 1580
 Delta R.T. -0.012 min
 Lab File: BN036673.D
 Acq: 18 Mar 2025 00:03

Tgt Ion:330 Resp: 348
 Ion Ratio Lower Upper
 330 100
 332 88.5 75.2 112.8
 141 58.3 43.4 65.2

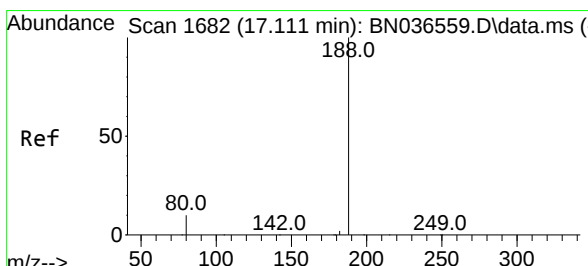
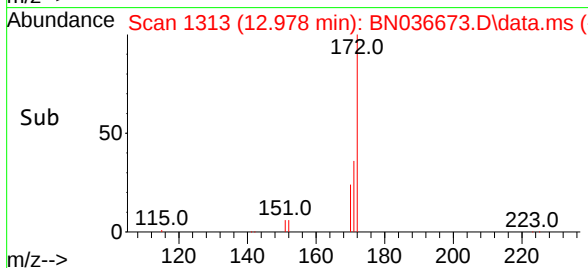
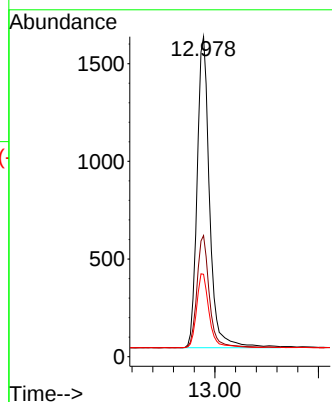
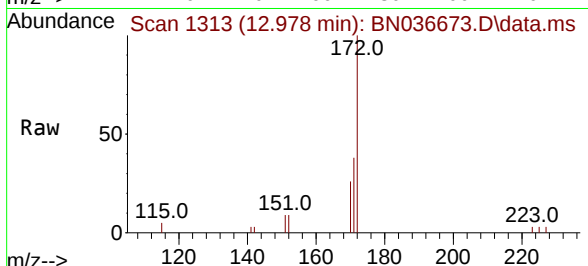




#15
2-Fluorobiphenyl
Concen: 0.266 ng
RT: 12.978 min Scan# 11
Delta R.T. -0.010 min
Lab File: BN036673.D
Acq: 18 Mar 2025 00:03

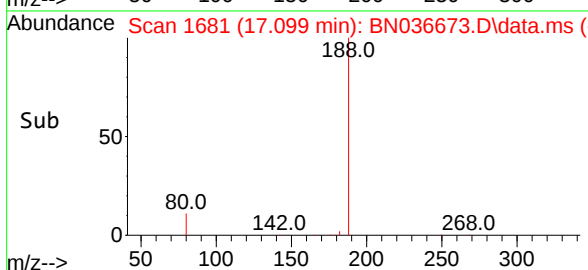
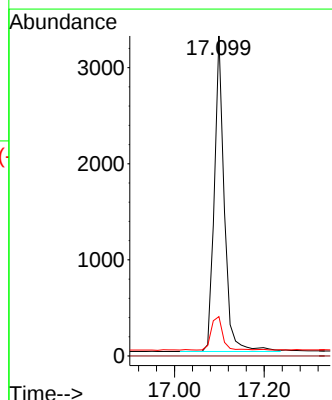
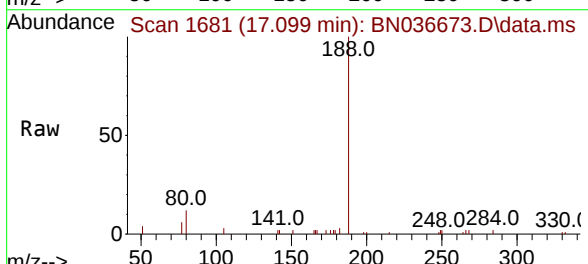
Instrument :
BNA_N
ClientSampleId :
RE114D1-20250313

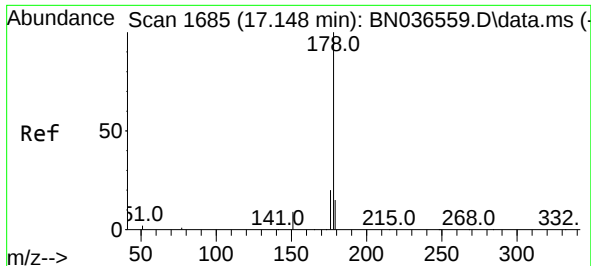
Tgt Ion:172 Resp: 3792
Ion Ratio Lower Upper
172 100
171 37.9 29.5 44.3
170 25.8 20.2 30.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.099 min Scan# 1681
Delta R.T. -0.012 min
Lab File: BN036673.D
Acq: 18 Mar 2025 00:03

Tgt Ion:188 Resp: 5059
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.3 8.8 13.2

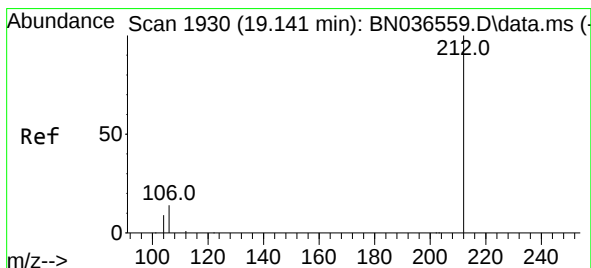
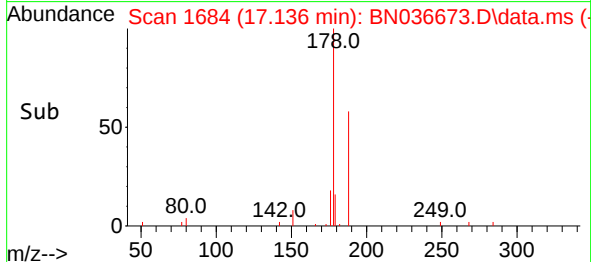
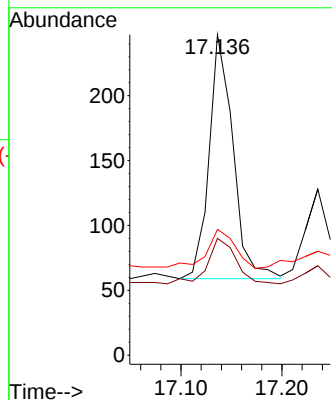
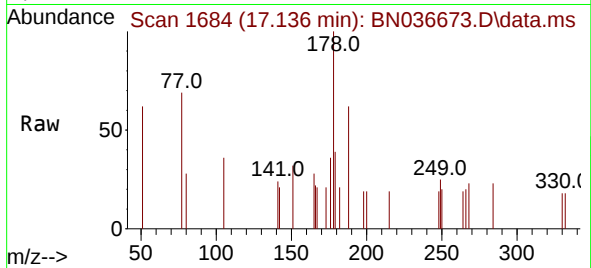




#25
Phenanthrene
Concen: 0.020 ng
RT: 17.136 min Scan# 1684
Delta R.T. -0.012 min
Lab File: BN036673.D
Acq: 18 Mar 2025 00:03

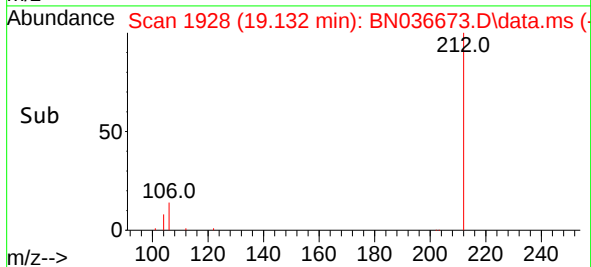
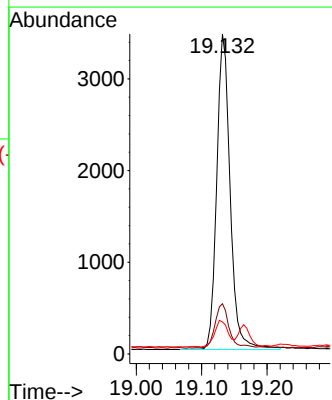
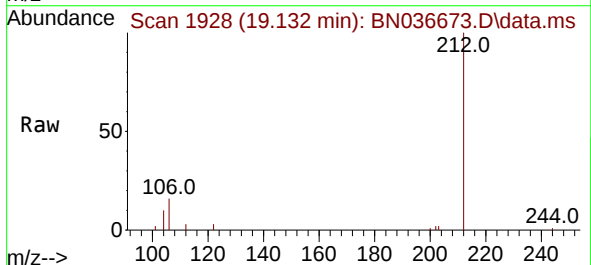
Instrument :
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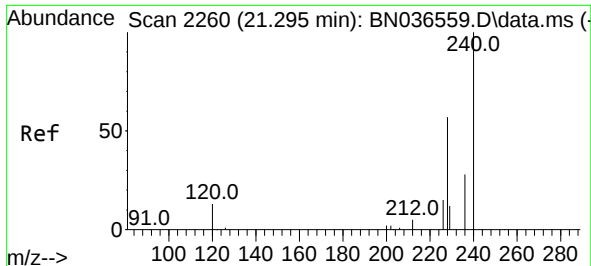
Tgt Ion:178 Resp: 309
Ion Ratio Lower Upper
178 100
176 25.9 15.9 23.9#
179 35.0 12.2 18.4#



#27
Fluoranthene-d10
Concen: 0.378 ng
RT: 19.132 min Scan# 1928
Delta R.T. -0.009 min
Lab File: BN036673.D
Acq: 18 Mar 2025 00:03

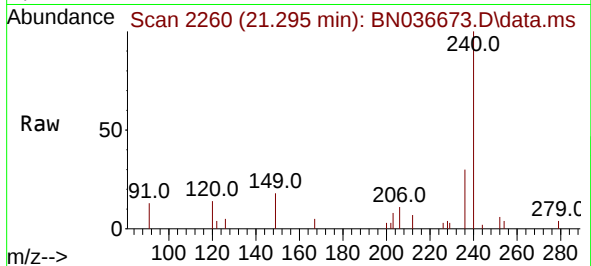
Tgt Ion:212 Resp: 4901
Ion Ratio Lower Upper
212 100
106 14.8 11.8 17.6
104 8.6 7.3 10.9



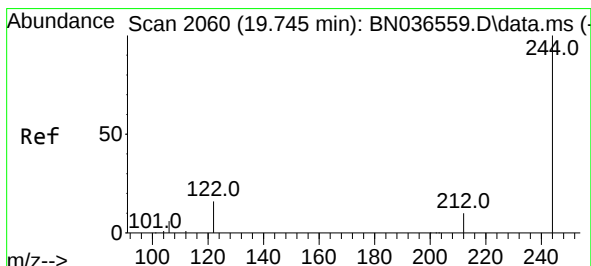
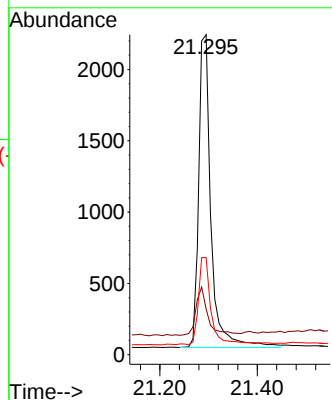
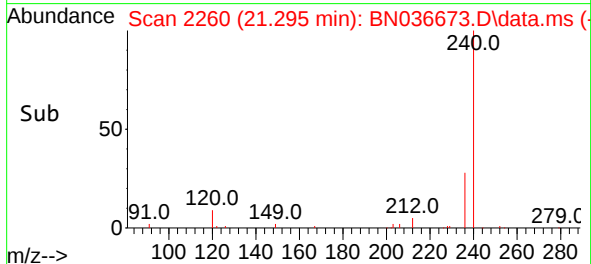


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.295 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN036673.D
Acq: 18 Mar 2025 00:03

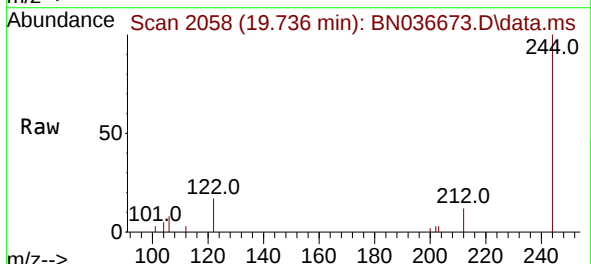
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BNA_N
ClientSampleId :
RE114D1-20250313



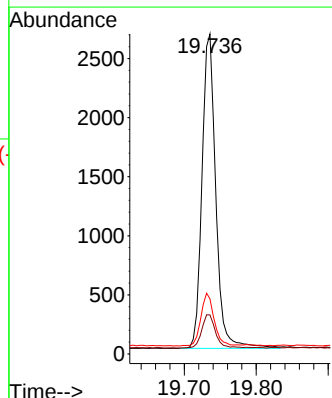
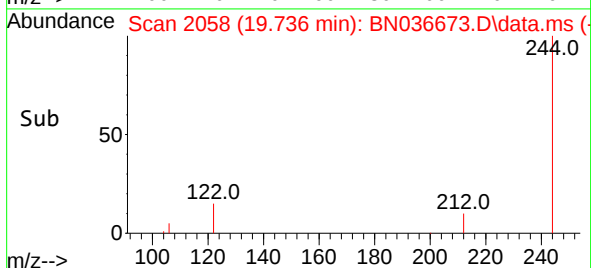
Tgt Ion:240 Resp: 3831
Ion Ratio Lower Upper
240 100
120 14.3 14.6 22.0#
236 30.3 24.1 36.1

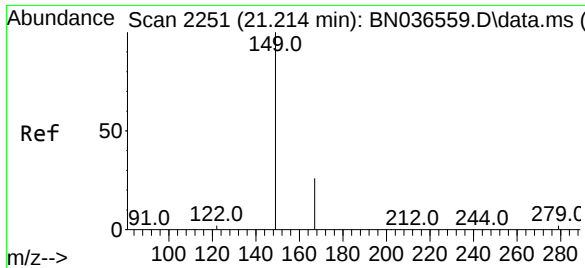


#31
Terphenyl-d14
Concen: 0.387 ng
RT: 19.736 min Scan# 2058
Delta R.T. -0.009 min
Lab File: BN036673.D
Acq: 18 Mar 2025 00:03



Tgt Ion:244 Resp: 3551
Ion Ratio Lower Upper
244 100
212 12.2 9.6 14.4
122 17.2 13.9 20.9

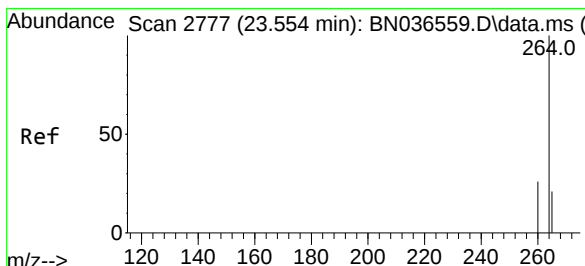
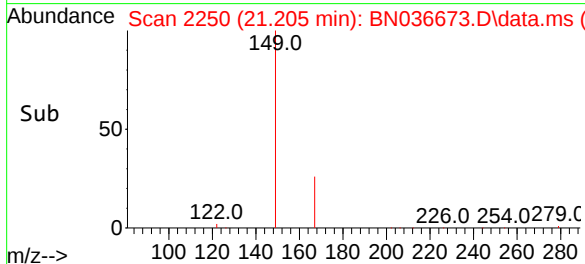
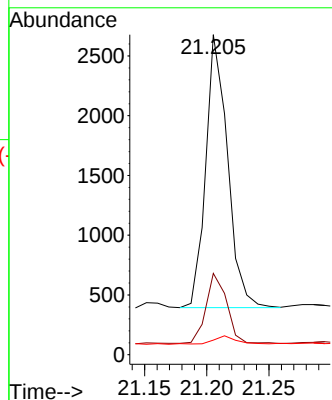
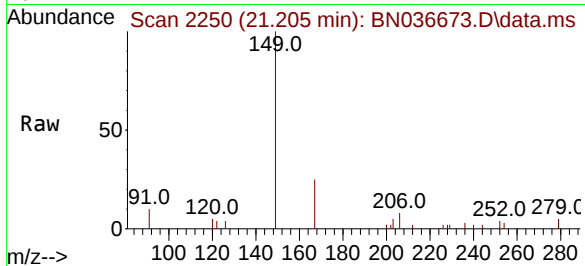




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.293 ng
 RT: 21.205 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN036673.D
 Acq: 18 Mar 2025 00:03

Instrument :
 BNA_N
 ClientSampleId :
 RE114D1-20250313

Tgt Ion:149 Resp: 2781
 Ion Ratio Lower Upper
 149 100
 167 24.5 20.7 31.1
 279 3.5 3.6 5.4#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.546 min Scan# 2774
 Delta R.T. -0.009 min
 Lab File: BN036673.D
 Acq: 18 Mar 2025 00:03

Tgt Ion:264 Resp: 3185
 Ion Ratio Lower Upper
 264 100
 260 27.6 22.6 33.8
 265 94.2 88.1 132.1

