

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031025\
 Data File : BN036571.D
 Acq On : 10 Mar 2025 20:50
 Operator : RC/JU
 Sample : Q1531-14
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE105D1-20250306

Quant Time: Mar 11 00:53:19 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)

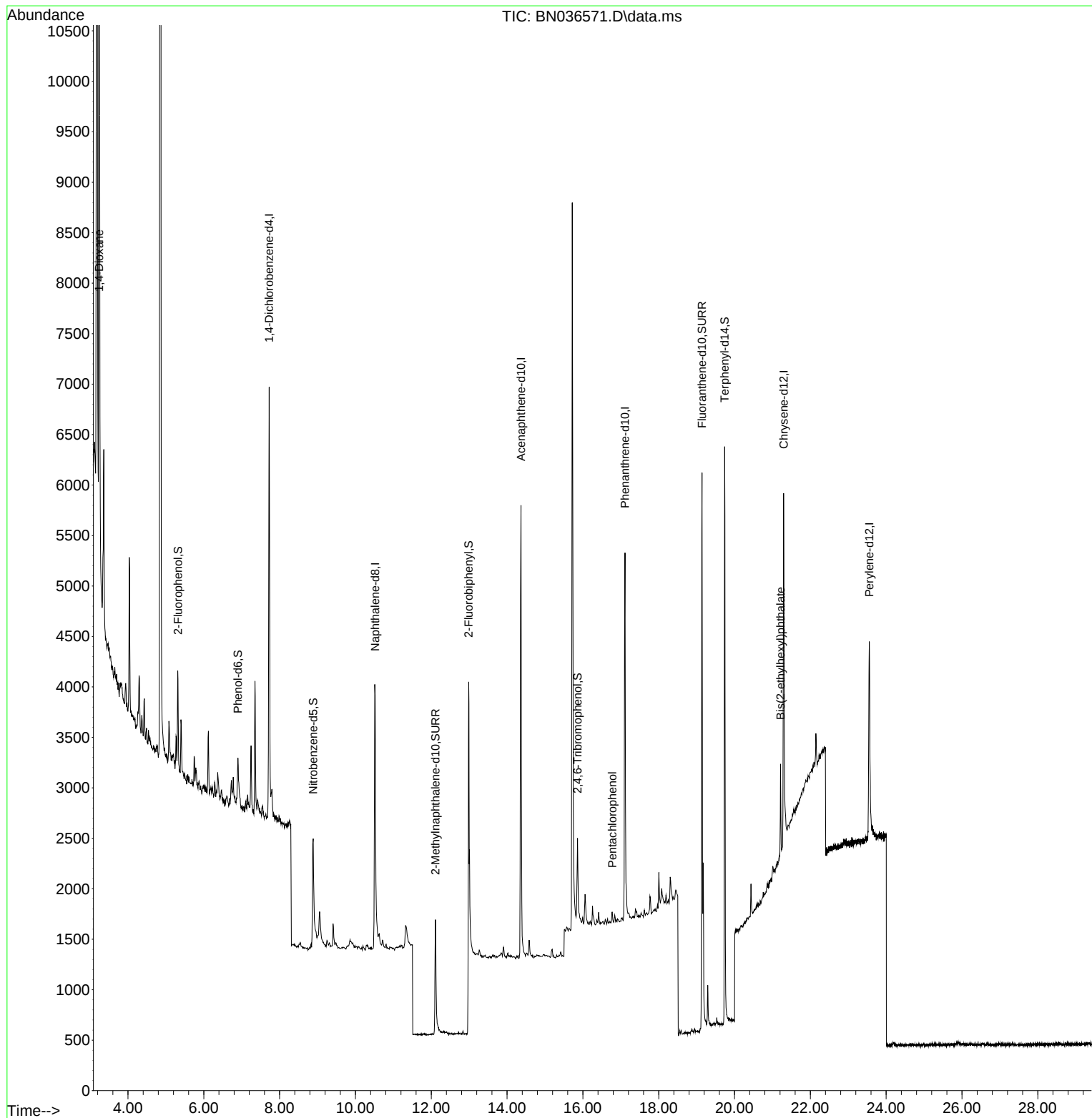
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	2032	0.400	ng	0.00
7) Naphthalene-d8	10.520	136	4598	0.400	ng	0.01
13) Acenaphthene-d10	14.366	164	2832	0.400	ng	0.00
19) Phenanthrene-d10	17.111	188	5726	0.400	ng	0.00
29) Chrysene-d12	21.295	240	3951	0.400	ng	0.00
35) Perylene-d12	23.554	264	3259	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.319	112	716	0.151	ng	0.00
5) Phenol-d6	6.901	99	491	0.084	ng	0.00
8) Nitrobenzene-d5	8.886	82	1417	0.283	ng	0.01
11) 2-Methylnaphthalene-d10	12.111	152	2173	0.318	ng	0.00
14) 2,4,6-Tribromophenol	15.858	330	524	0.408	ng	0.00
15) 2-Fluorobiphenyl	12.988	172	5511	0.335	ng	0.00
27) Fluoranthene-d10	19.141	212	6485	0.442	ng	0.00
31) Terphenyl-d14	19.740	244	5863	0.619	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.239	88	10456	4.639	ng	97
24) Pentachlorophenol	16.776	266	80	0.041	ng	89
34) Bis(2-ethylhexyl)phtha...	21.214	149	994	0.102	ng	95

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

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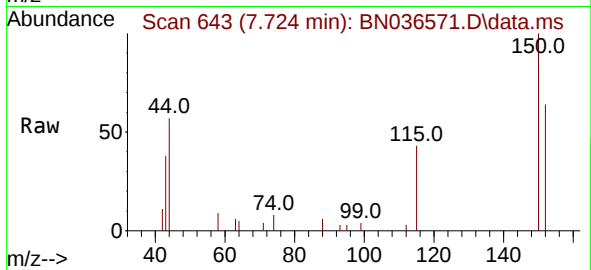
Quant Time: Mar 11 00:53:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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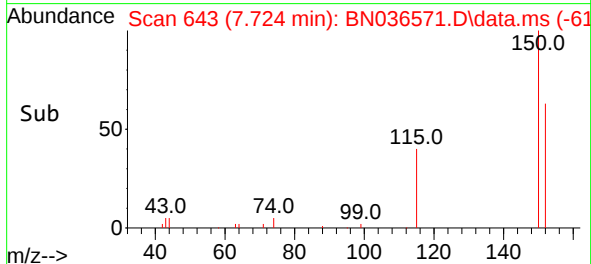
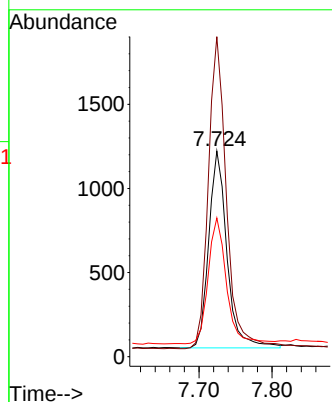
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.724 min Scan# 64
 Delta R.T. 0.000 min
 Lab File: BN036571.D
 Acq: 10 Mar 2025 20:50

Instrument :
 BNA_N
 ClientSampleId :
 RE105D1-20250306



Tgt Ion: 152 Resp: 2032

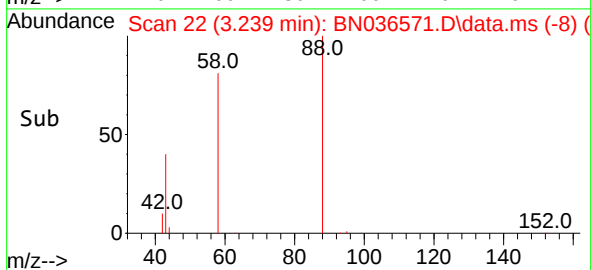
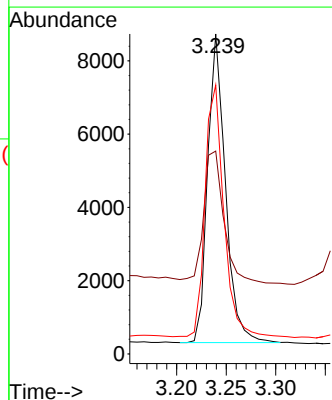
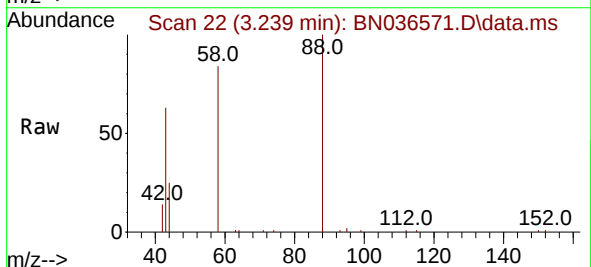
Ion	Ratio	Lower	Upper
152	100		
150	155.6	123.7	185.5
115	67.5	54.3	81.5



#2
 1,4-Dioxane
 Concen: 4.639 ng
 RT: 3.239 min Scan# 22
 Delta R.T. 0.000 min
 Lab File: BN036571.D
 Acq: 10 Mar 2025 20:50

Tgt Ion: 88 Resp: 10456

Ion	Ratio	Lower	Upper
88	100		
43	50.2	37.8	56.8
58	85.8	67.4	101.2

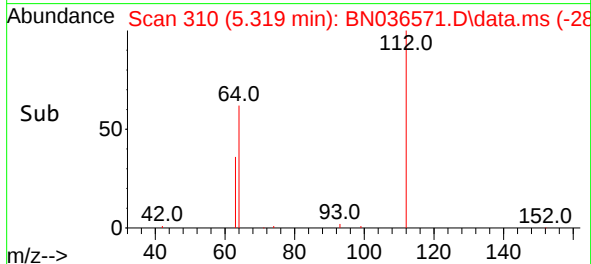
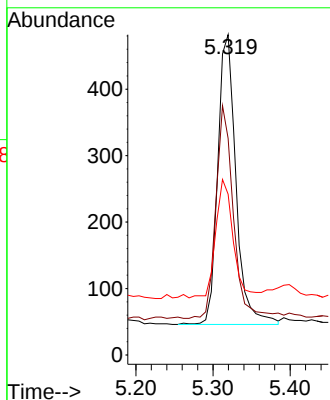
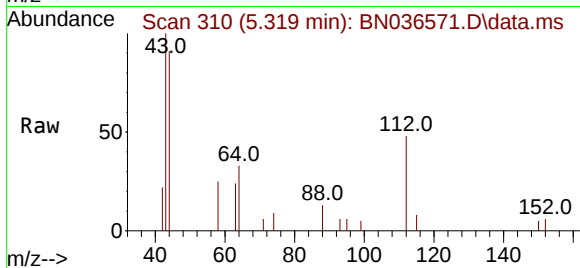




#4
2-Fluorophenol
Concen: 0.151 ng
RT: 5.319 min Scan# 310
Delta R.T. 0.007 min
Lab File: BN036571.D
Acq: 10 Mar 2025 20:50

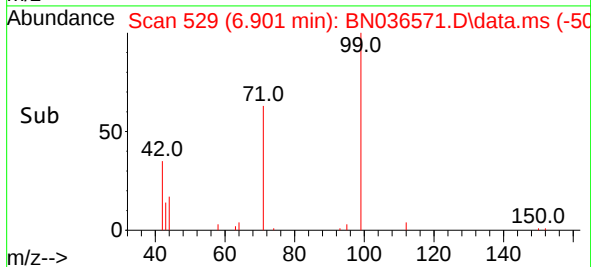
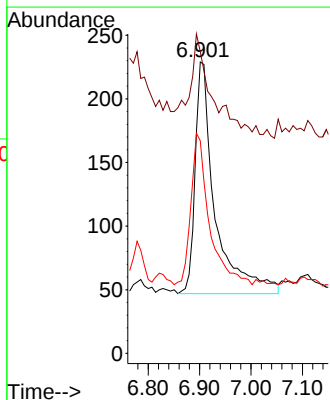
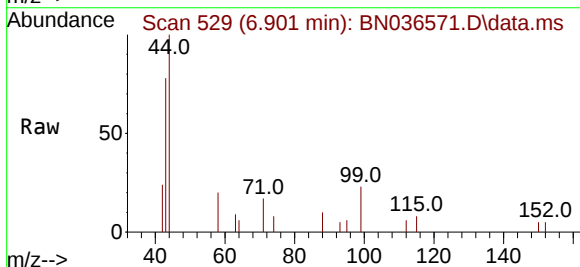
Instrument :
BNA_N
ClientSampleId :
RE105D1-20250306

Tgt Ion:112 Resp: 716
Ion Ratio Lower Upper
112 100
64 70.8 53.1 79.7
63 37.6 31.8 47.8



#5
Phenol-d6
Concen: 0.084 ng
RT: 6.901 min Scan# 529
Delta R.T. 0.000 min
Lab File: BN036571.D
Acq: 10 Mar 2025 20:50

Tgt Ion: 99 Resp: 491
Ion Ratio Lower Upper
99 100
42 48.9 26.5 39.7#
71 59.7 34.1 51.1#

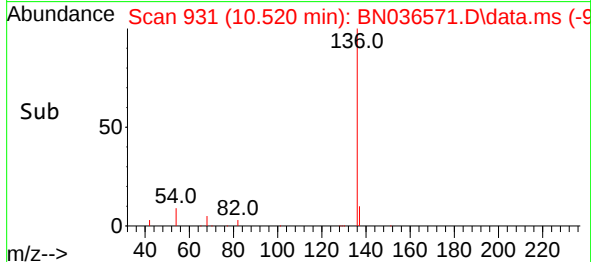
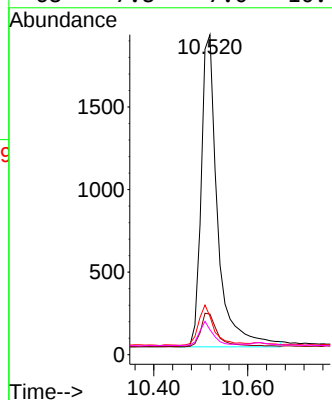
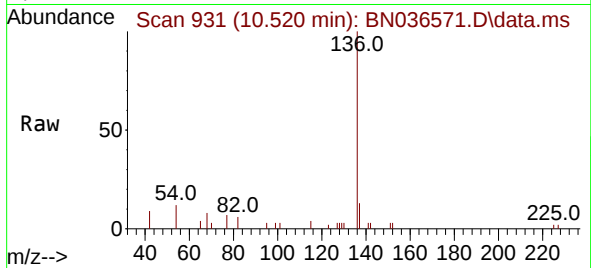




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.520 min Scan# 91
Delta R.T. 0.011 min
Lab File: BN036571.D
Acq: 10 Mar 2025 20:50

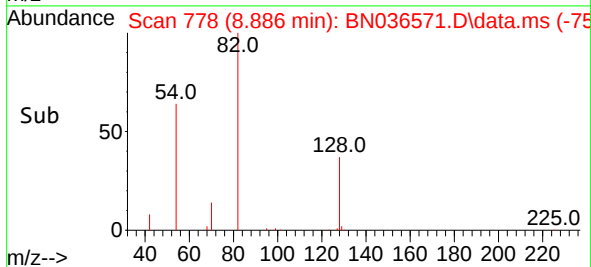
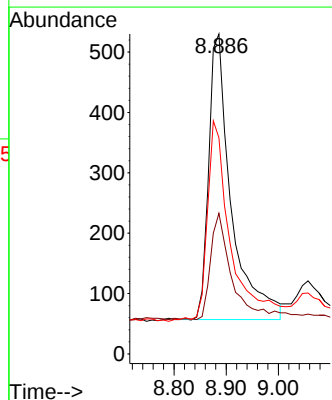
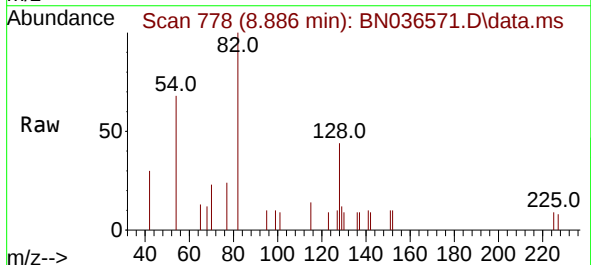
Instrument :
BNA_N
ClientSampleId :
RE105D1-20250306

Tgt Ion:136	Resp:	4598
Ion Ratio	Lower	Upper
136	100	
137	12.7	10.3 15.5
54	12.0	11.5 17.3
68	7.8	7.0 10.4



#8
Nitrobenzene-d5
Concen: 0.283 ng
RT: 8.886 min Scan# 778
Delta R.T. 0.011 min
Lab File: BN036571.D
Acq: 10 Mar 2025 20:50

Tgt Ion: 82	Resp:	1417
Ion Ratio	Lower	Upper
82	100	
128	44.0	30.6 45.8
54	67.5	52.2 78.4

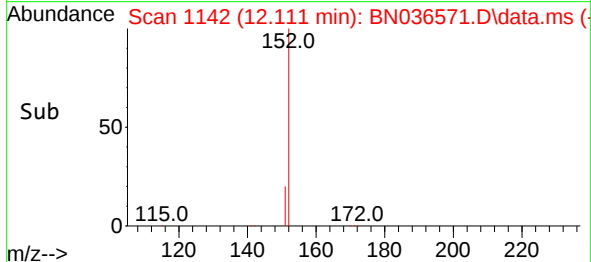
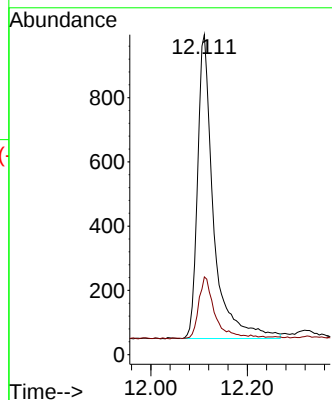
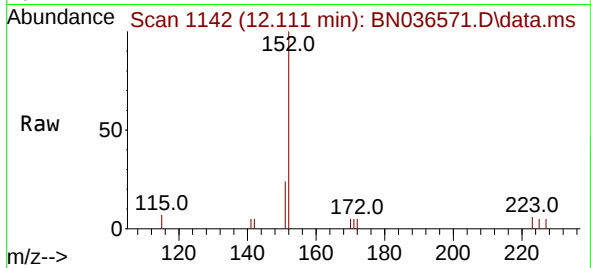




#11
2-Methylnaphthalene-d10
Concen: 0.318 ng
RT: 12.111 min Scan# 1142
Delta R.T. 0.000 min
Lab File: BN036571.D
Acq: 10 Mar 2025 20:50

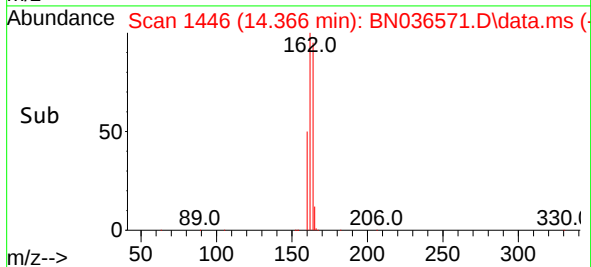
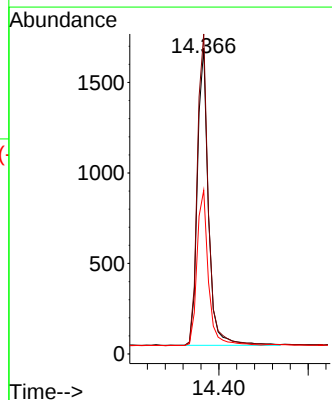
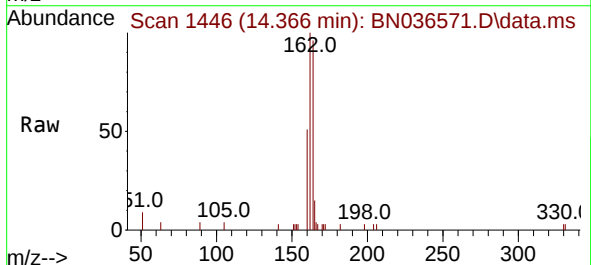
Instrument :
BNA_N
ClientSampleId :
RE105D1-20250306

Tgt Ion:152 Resp: 2173
Ion Ratio Lower Upper
152 100
151 20.2 17.0 25.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.366 min Scan# 1446
Delta R.T. 0.000 min
Lab File: BN036571.D
Acq: 10 Mar 2025 20:50

Tgt Ion:164 Resp: 2832
Ion Ratio Lower Upper
164 100
162 104.7 84.2 126.2
160 53.5 42.2 63.2

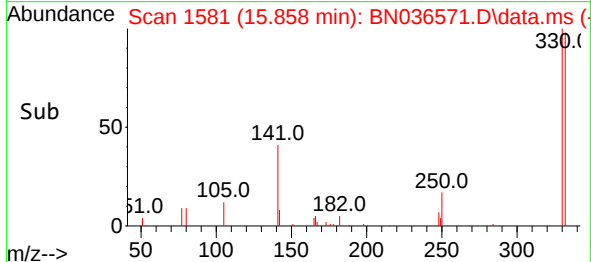
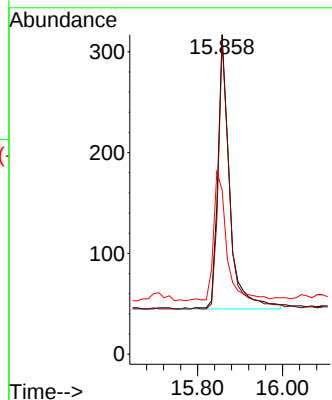
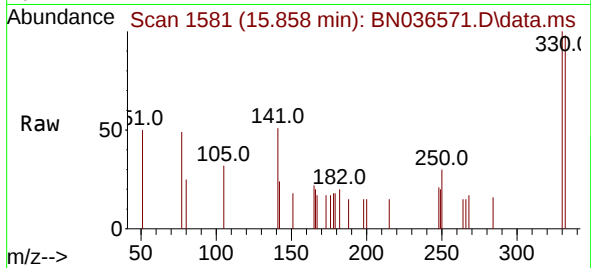




#14
2,4,6-Tribromophenol
Concen: 0.408 ng
RT: 15.858 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BN036571.D
Acq: 10 Mar 2025 20:50

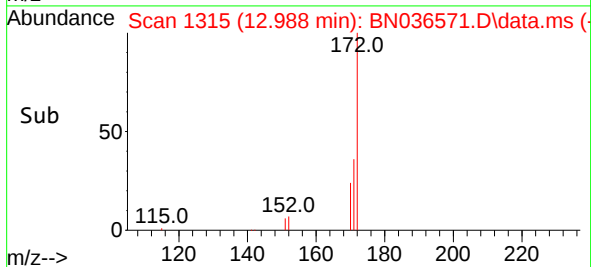
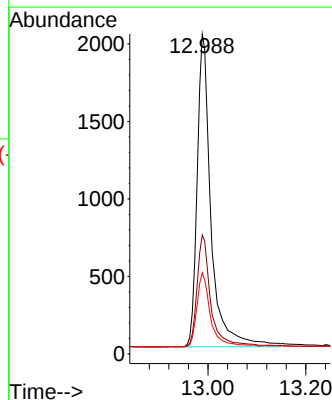
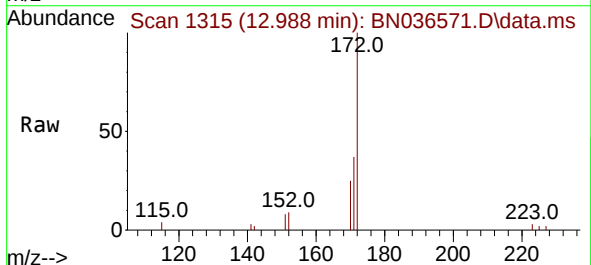
Instrument :
BNA_N
ClientSampleId :
RE105D1-20250306

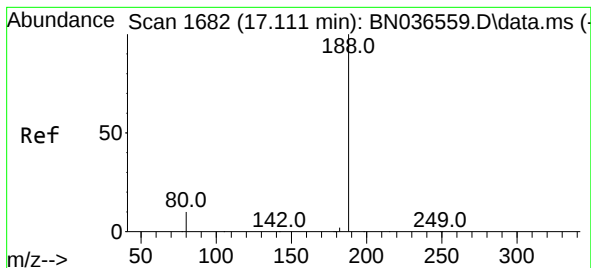
Tgt Ion:330 Resp: 524
Ion Ratio Lower Upper
330 100
332 95.4 75.2 112.8
141 52.7 43.4 65.2



#15
2-Fluorobiphenyl
Concen: 0.335 ng
RT: 12.988 min Scan# 1315
Delta R.T. 0.000 min
Lab File: BN036571.D
Acq: 10 Mar 2025 20:50

Tgt Ion:172 Resp: 5511
Ion Ratio Lower Upper
172 100
171 37.2 29.5 44.3
170 25.4 20.2 30.4





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.111 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN036571.D

Acq: 10 Mar 2025 20:50

Instrument :

BNA_N

ClientSampleId :

RE105D1-20250306

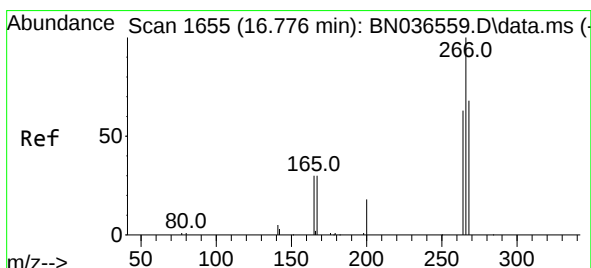
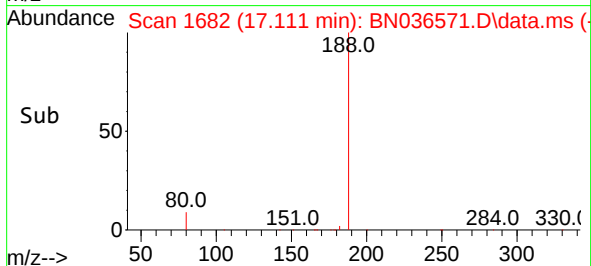
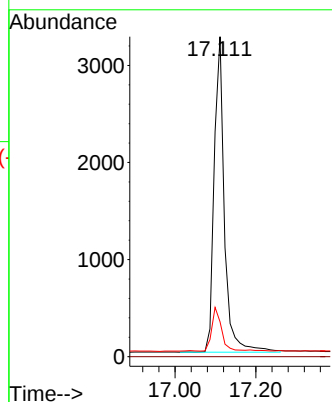
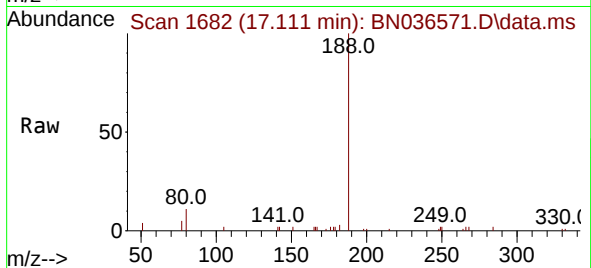
Tgt Ion:188 Resp: 5726

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.9 8.8 13.2



#24

Pentachlorophenol

Concen: 0.041 ng

RT: 16.776 min Scan# 1655

Delta R.T. 0.000 min

Lab File: BN036571.D

Acq: 10 Mar 2025 20:50

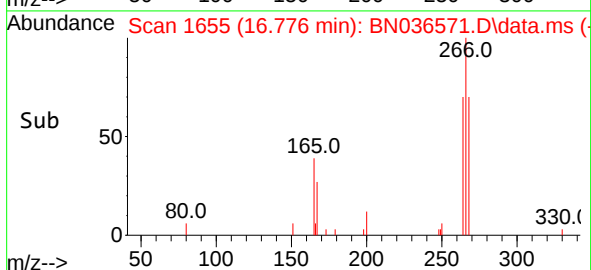
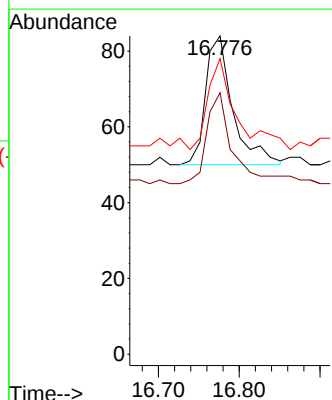
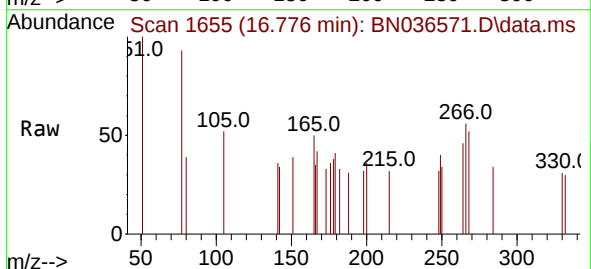
Tgt Ion:266 Resp: 80

Ion Ratio Lower Upper

266 100

264 70.0 49.6 74.4

268 72.5 50.9 76.3

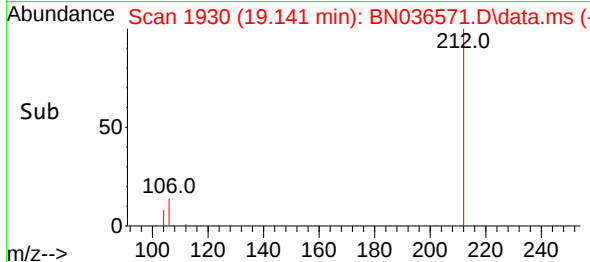
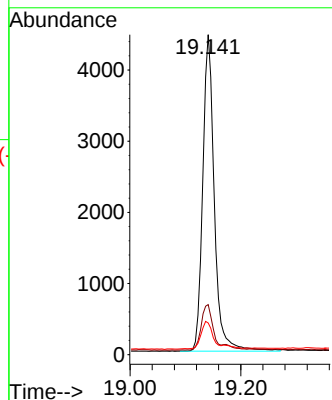
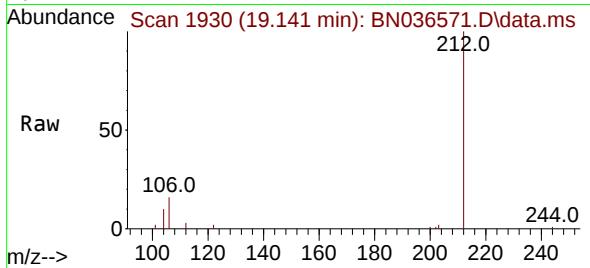




#27
Fluoranthene-d10
Concen: 0.442 ng
RT: 19.141 min Scan# 1930
Delta R.T. 0.000 min
Lab File: BN036571.D
Acq: 10 Mar 2025 20:50

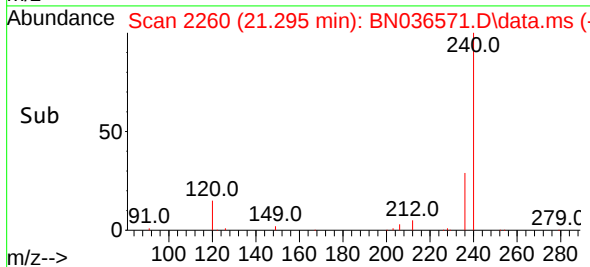
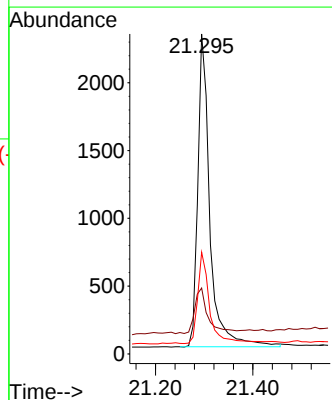
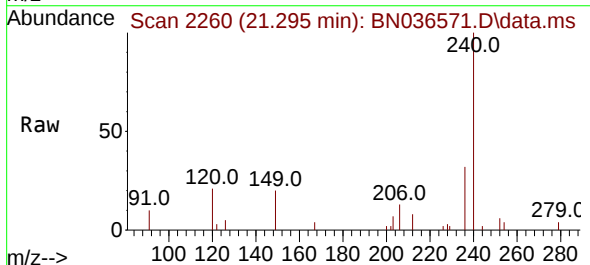
Instrument :
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Tgt Ion:212 Resp: 6485
Ion Ratio Lower Upper
212 100
106 15.8 11.8 17.6
104 8.8 7.3 10.9



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.295 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BN036571.D
Acq: 10 Mar 2025 20:50

Tgt Ion:240 Resp: 3951
Ion Ratio Lower Upper
240 100
120 20.6 14.6 22.0
236 31.8 24.1 36.1

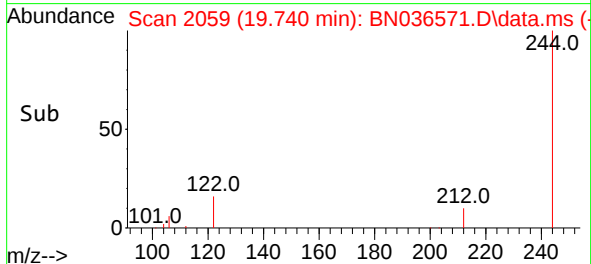
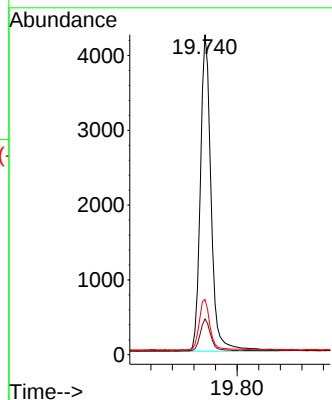
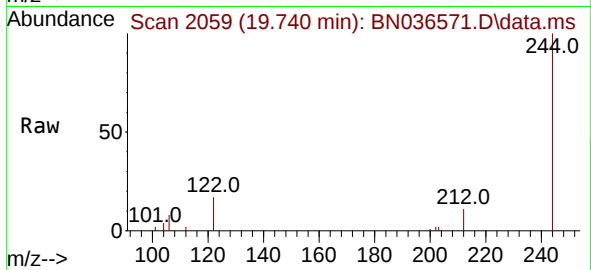




#31
Terphenyl-d14
Concen: 0.619 ng
RT: 19.740 min Scan# 2060
Delta R.T. -0.005 min
Lab File: BN036571.D
Acq: 10 Mar 2025 20:50

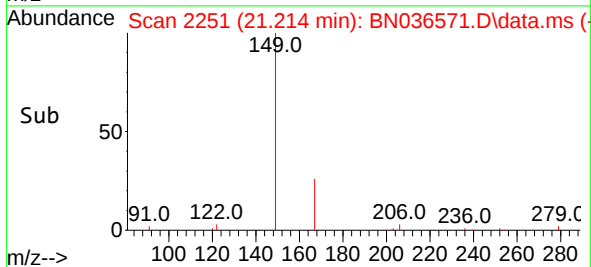
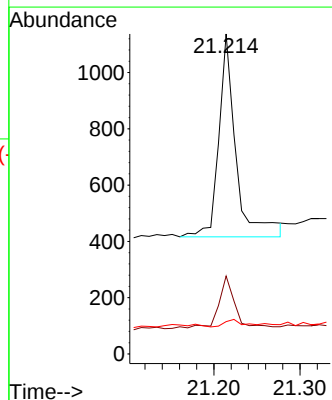
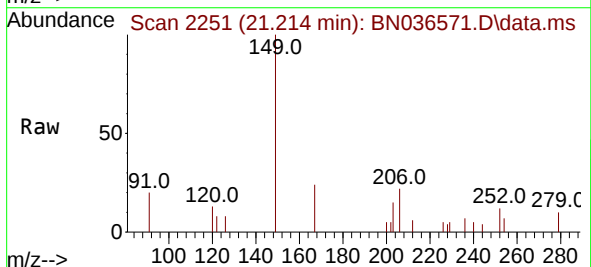
Instrument :
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Tgt Ion:244 Resp: 5863
Ion Ratio Lower Upper
244 100
212 11.2 9.6 14.4
122 17.3 13.9 20.9



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.102 ng
RT: 21.214 min Scan# 2251
Delta R.T. 0.000 min
Lab File: BN036571.D
Acq: 10 Mar 2025 20:50

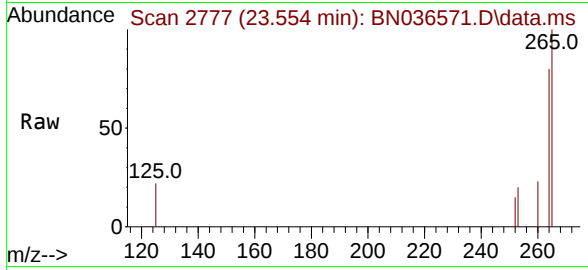
Tgt Ion:149 Resp: 994
Ion Ratio Lower Upper
149 100
167 23.0 20.7 31.1
279 4.1 3.6 5.4





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.554 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN036571.D
Acq: 10 Mar 2025 20:50

Instrument :
BNA_N
ClientSampleId :
RE105D1-20250306



Tgt Ion:264 Resp: 3259

Ion	Ratio	Lower	Upper
264	100		
260	28.1	22.6	33.8
265	124.5	88.1	132.1

