

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031825\
 Data File : BN036685.D
 Acq On : 18 Mar 2025 10:34
 Operator : RC/JU
 Sample : Q1582-06DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE131D1-20250313DL

Quant Time: Mar 18 11:02:47 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)

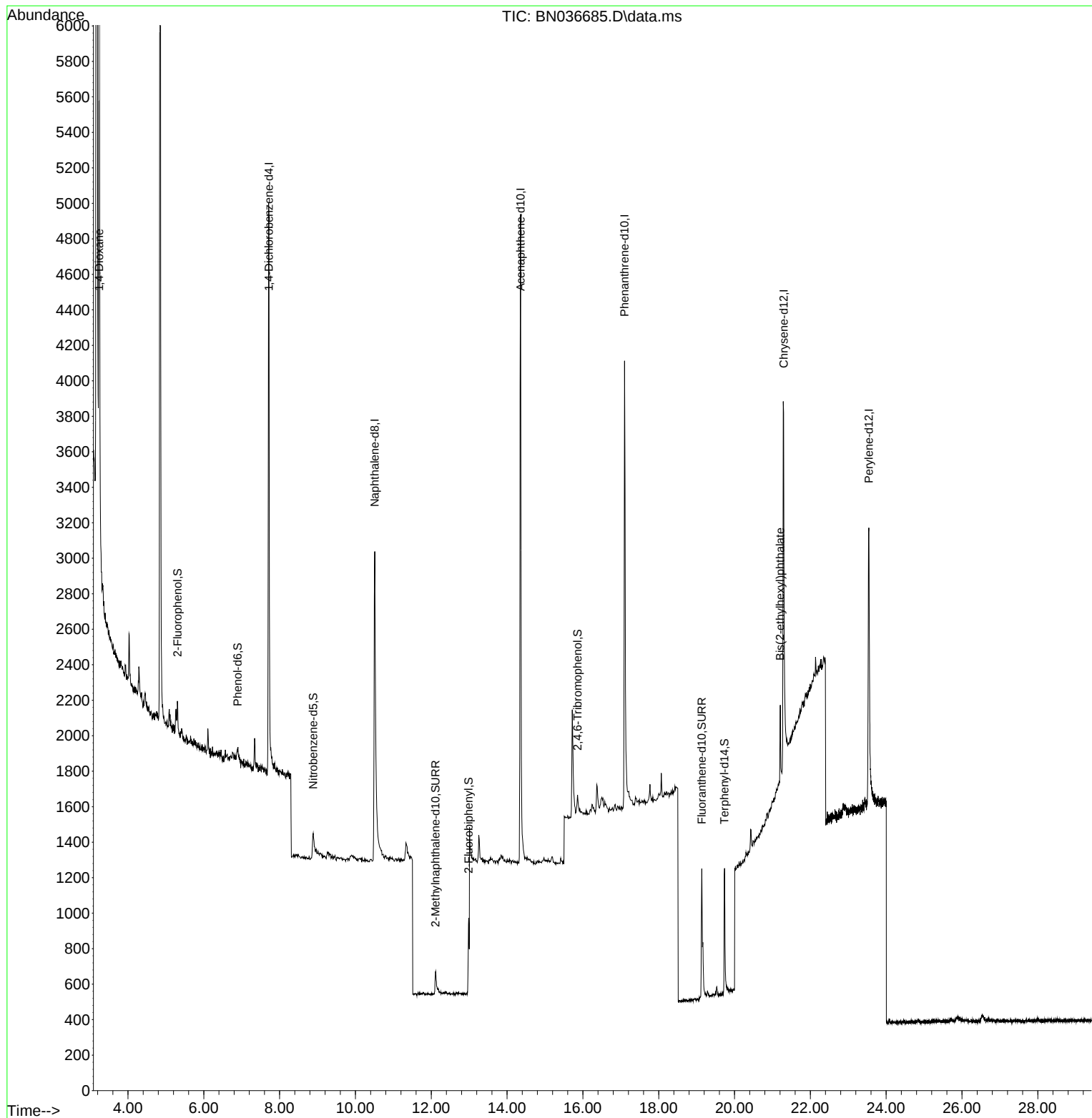
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	1658	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	3783	0.400	ng	0.00
13) Acenaphthene-d10	14.355	164	2382	0.400	ng	-0.01
19) Phenanthrene-d10	17.099	188	4560	0.400	ng	#-0.01
29) Chrysene-d12	21.295	240	3005	0.400	ng	0.00
35) Perylene-d12	23.543	264	2748	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.305	112	123	0.032	ng	0.00
5) Phenol-d6	6.894	99	100	0.021	ng	0.00
8) Nitrobenzene-d5	8.886	82	261	0.063	ng	0.01
11) 2-Methylnaphthalene-d10	12.116	152	334	0.059	ng	0.00
14) 2,4,6-Tribromophenol	15.858	330	83	0.077	ng	0.00
15) 2-Fluorobiphenyl	12.988	172	759	0.055	ng	0.00
27) Fluoranthene-d10	19.136	212	1076	0.092	ng	0.00
31) Terphenyl-d14	19.736	244	920	0.128	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.239	88	3545	1.927	ng	93
34) Bis(2-ethylhexyl)phtha...	21.205	149	517	0.069	ng	# 88

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

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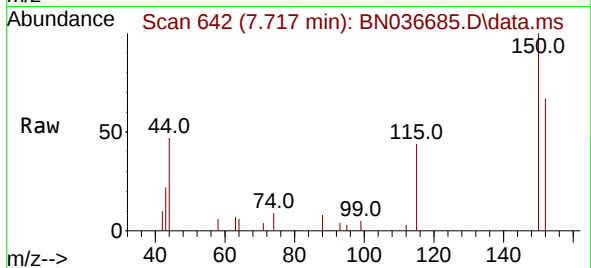
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration



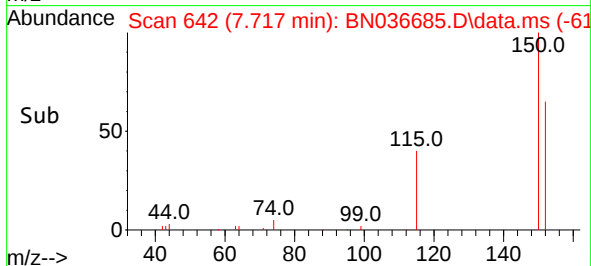
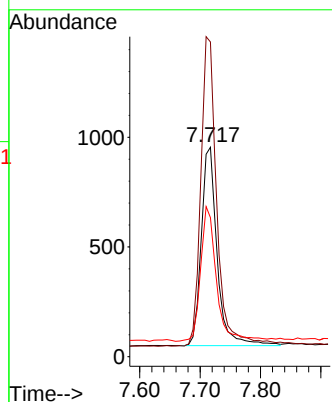


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.717 min Scan# 64
 Delta R.T. -0.007 min
 Lab File: BN036685.D
 Acq: 18 Mar 2025 10:34

Instrument :
 BNA_N
 ClientSampleId :
 RE131D1-20250313DL

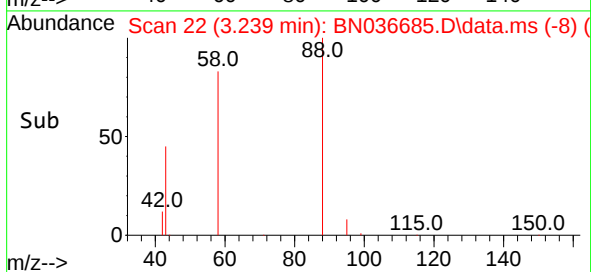
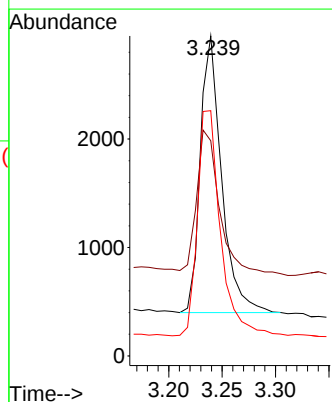
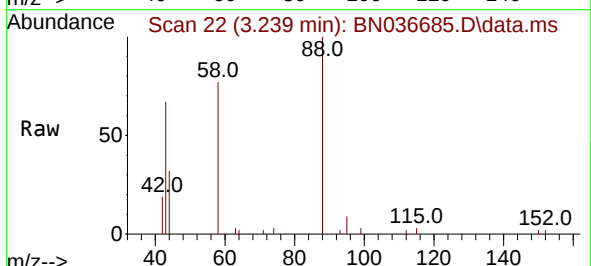


Tgt Ion:152 Resp: 1658
 Ion Ratio Lower Upper
 152 100
 150 150.3 123.7 185.5
 115 66.4 54.3 81.5



#2
 1,4-Dioxane
 Concen: 1.927 ng
 RT: 3.239 min Scan# 22
 Delta R.T. 0.000 min
 Lab File: BN036685.D
 Acq: 18 Mar 2025 10:34

Tgt Ion: 88 Resp: 3545
 Ion Ratio Lower Upper
 88 100
 43 54.6 37.8 56.8
 58 88.0 67.4 101.2

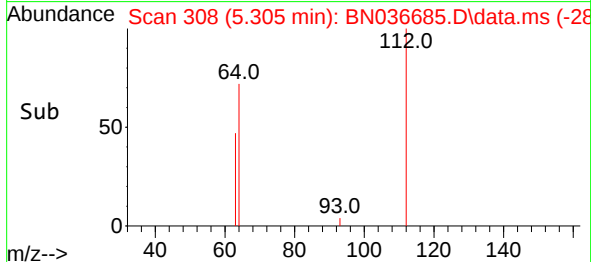
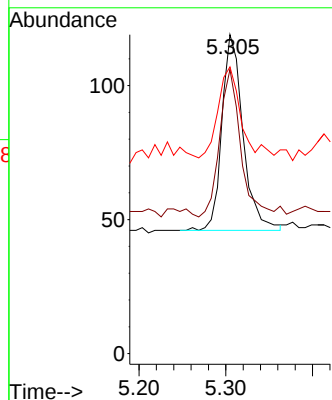
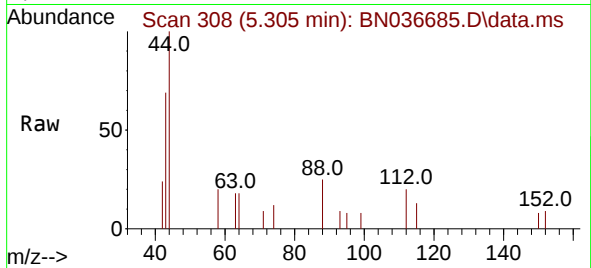




#4
2-Fluorophenol
Concen: 0.032 ng
RT: 5.305 min Scan# 309
Delta R.T. -0.007 min
Lab File: BN036685.D
Acq: 18 Mar 2025 10:34

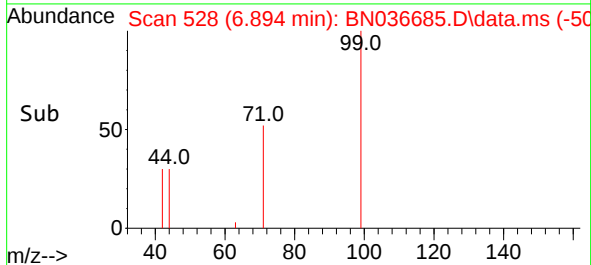
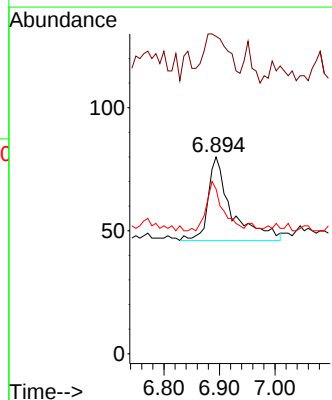
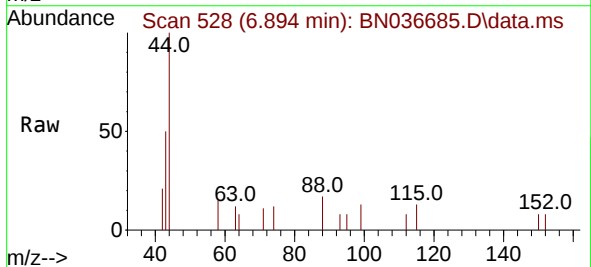
Instrument :
BNA_N
ClientSampleId :
RE131D1-20250313DL

Tgt Ion:112 Resp: 123
Ion Ratio Lower Upper
112 100
64 76.4 53.1 79.7
63 58.5 31.8 47.8#



#5
Phenol-d6
Concen: 0.021 ng
RT: 6.894 min Scan# 528
Delta R.T. -0.007 min
Lab File: BN036685.D
Acq: 18 Mar 2025 10:34

Tgt Ion: 99 Resp: 100
Ion Ratio Lower Upper
99 100
42 49.0 26.5 39.7#
71 44.0 34.1 51.1

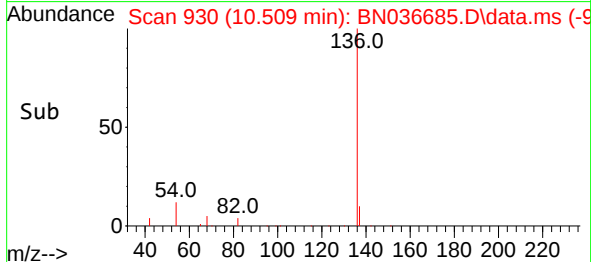
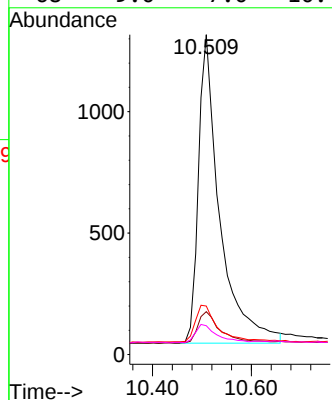
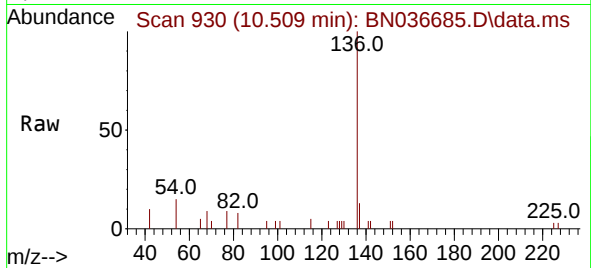




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN036685.D
Acq: 18 Mar 2025 10:34

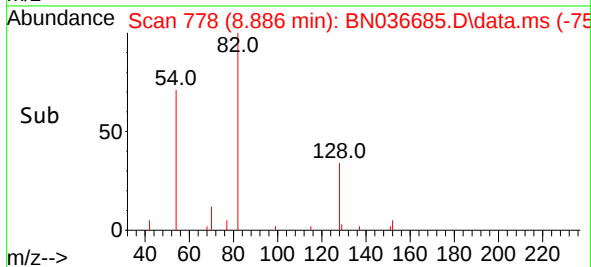
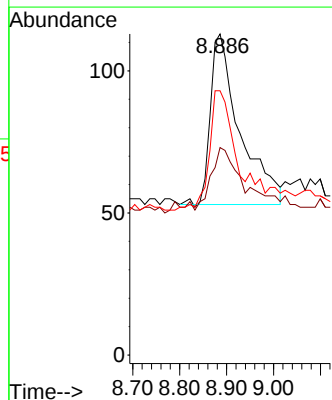
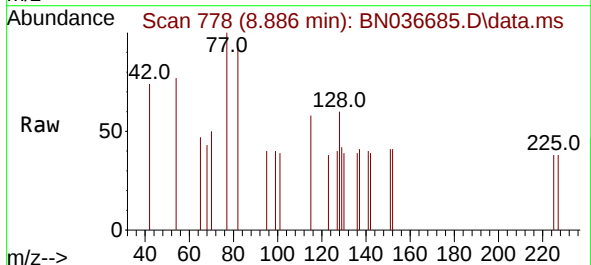
Instrument :
BNA_N
ClientSampleId :
RE131D1-20250313DL

Tgt Ion:	136	Resp:	3783
Ion	Ratio	Lower	Upper
136	100		
137	13.4	10.3	15.5
54	15.2	11.5	17.3
68	9.0	7.0	10.4



#8
Nitrobenzene-d5
Concen: 0.063 ng
RT: 8.886 min Scan# 778
Delta R.T. 0.011 min
Lab File: BN036685.D
Acq: 18 Mar 2025 10:34

Tgt Ion:	82	Resp:	261
Ion	Ratio	Lower	Upper
82	100		
128	64.6	30.6	45.8#
54	82.3	52.2	78.4#

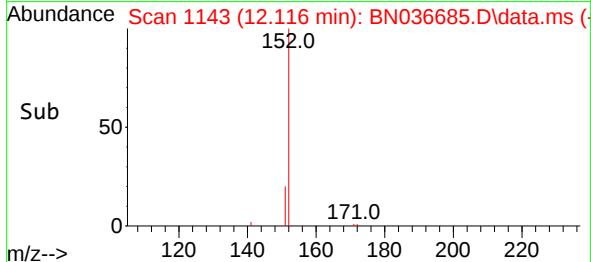
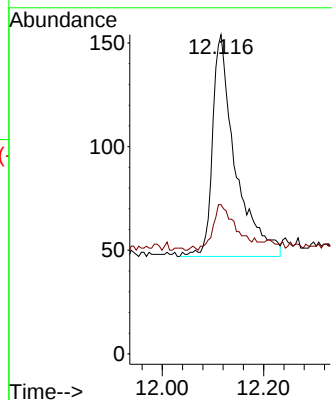
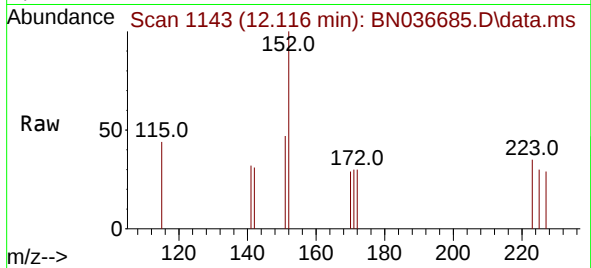




#11
2-Methylnaphthalene-d10
Concen: 0.059 ng
RT: 12.116 min Scan# 1143
Delta R.T. 0.005 min
Lab File: BN036685.D
Acq: 18 Mar 2025 10:34

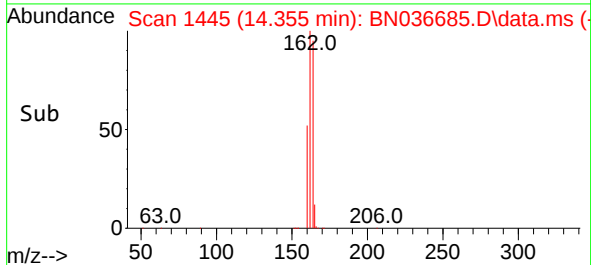
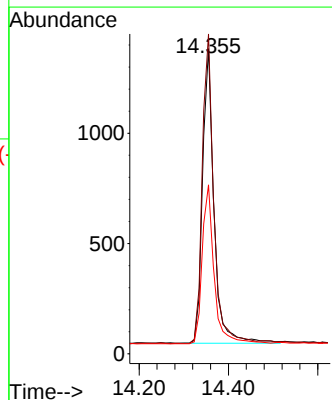
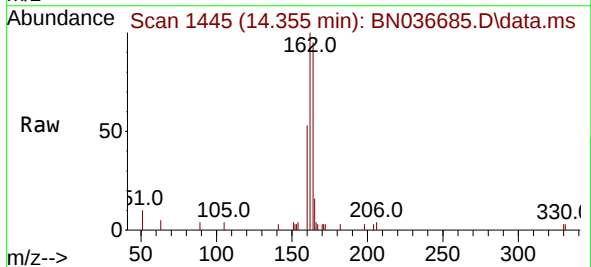
Instrument :
BNA_N
ClientSampleId :
RE131D1-20250313DL

Tgt Ion:152 Resp: 334
Ion Ratio Lower Upper
152 100
151 20.1 17.0 25.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.355 min Scan# 1445
Delta R.T. -0.011 min
Lab File: BN036685.D
Acq: 18 Mar 2025 10:34

Tgt Ion:164 Resp: 2382
Ion Ratio Lower Upper
164 100
162 104.8 84.2 126.2
160 55.4 42.2 63.2

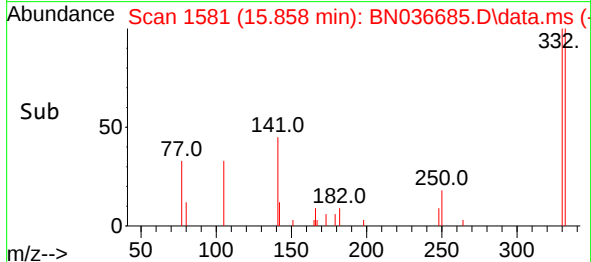
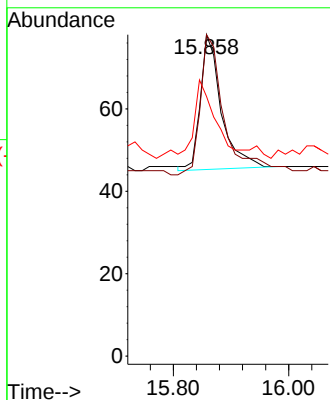
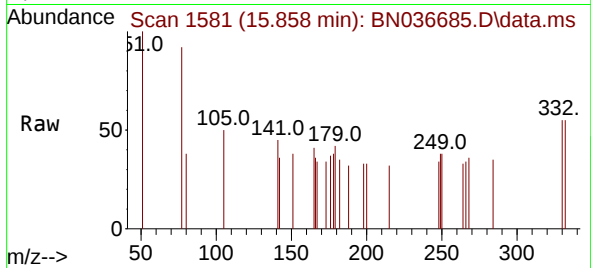




#14
2,4,6-Tribromophenol
Concen: 0.077 ng
RT: 15.858 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BN036685.D
Acq: 18 Mar 2025 10:34

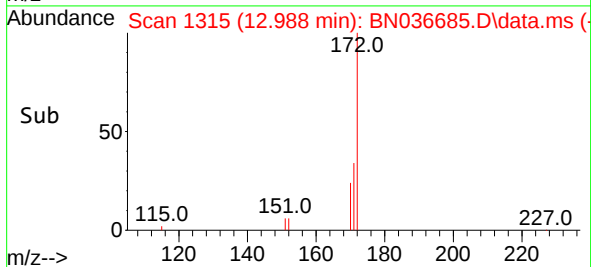
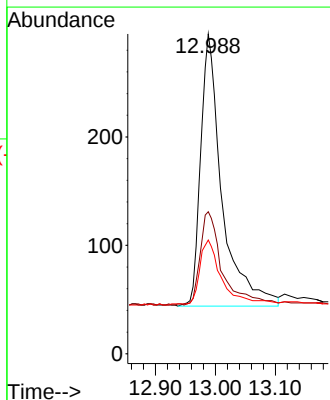
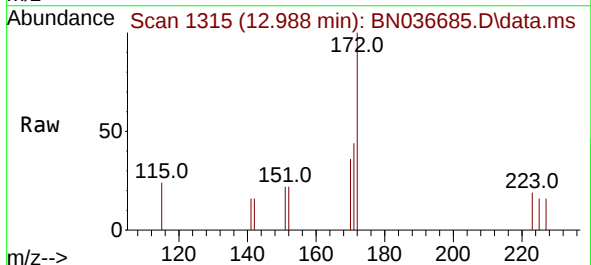
Instrument :
BNA_N
ClientSampleId :
RE131D1-20250313DL

Tgt Ion:330 Resp: 83
Ion Ratio Lower Upper
330 100
332 119.3 75.2 112.8#
141 61.4 43.4 65.2



#15
2-Fluorobiphenyl
Concen: 0.055 ng
RT: 12.988 min Scan# 1315
Delta R.T. 0.000 min
Lab File: BN036685.D
Acq: 18 Mar 2025 10:34

Tgt Ion:172 Resp: 759
Ion Ratio Lower Upper
172 100
171 44.4 29.5 44.3#
170 35.6 20.2 30.4#

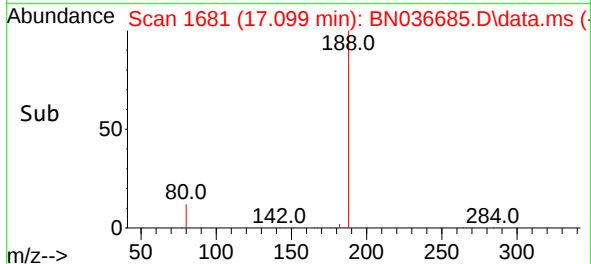
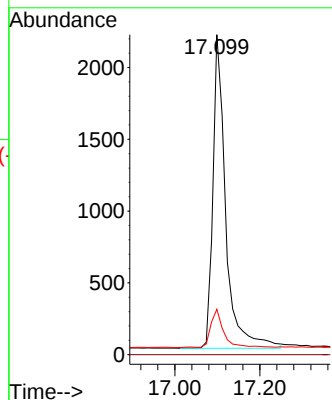
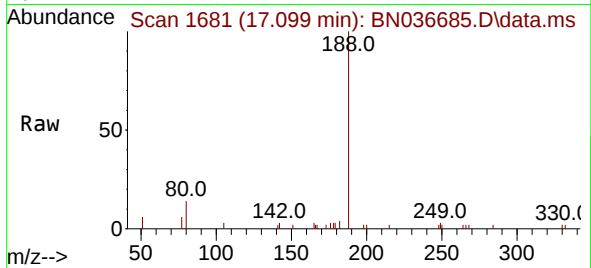




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.099 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN036685.D
Acq: 18 Mar 2025 10:34

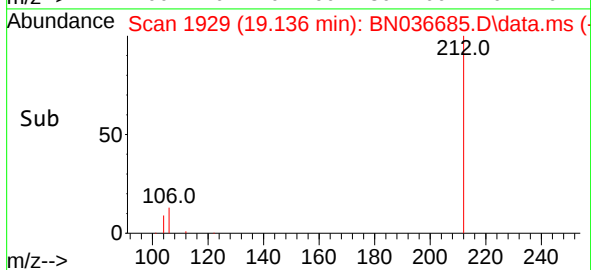
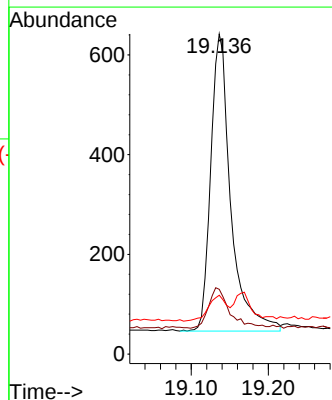
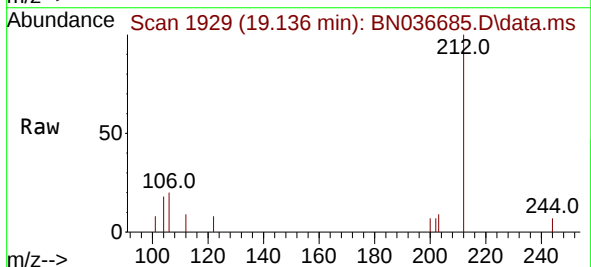
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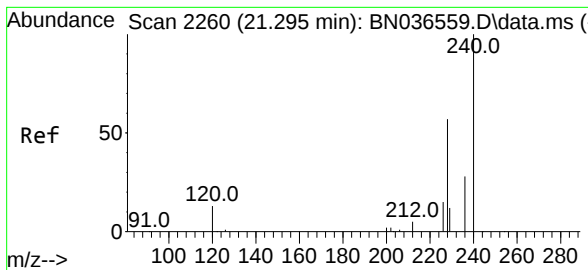
Tgt Ion:188 Resp: 4560
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.2 8.8 13.2#



#27
Fluoranthene-d10
Concen: 0.092 ng
RT: 19.136 min Scan# 1929
Delta R.T. -0.005 min
Lab File: BN036685.D
Acq: 18 Mar 2025 10:34

Tgt Ion:212 Resp: 1076
Ion Ratio Lower Upper
212 100
106 14.3 11.8 17.6
104 8.0 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: BN036685.D

Acq: 18 Mar 2025 10:34

Instrument :

BNA_N

ClientSampleId :

RE131D1-20250313DL

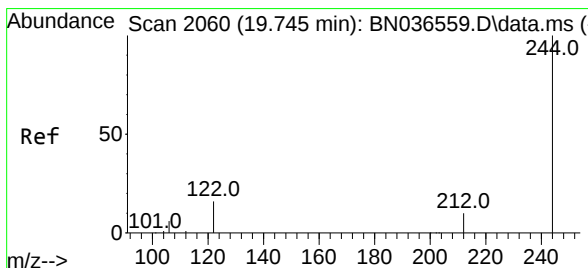
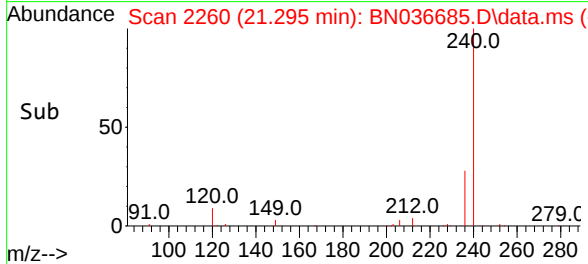
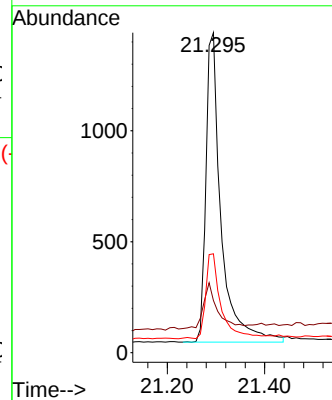
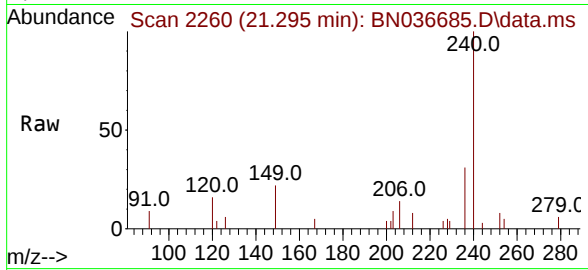
Tgt Ion:240 Resp: 3005

Ion Ratio Lower Upper

240 100

120 16.3 14.6 22.0

236 30.9 24.1 36.1



#31

Terphenyl-d14

Concen: 0.128 ng

RT: 19.736 min Scan# 2058

Delta R.T. -0.009 min

Lab File: BN036685.D

Acq: 18 Mar 2025 10:34

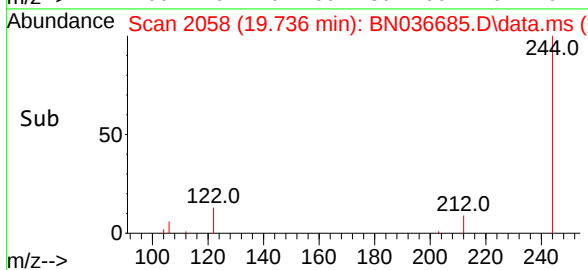
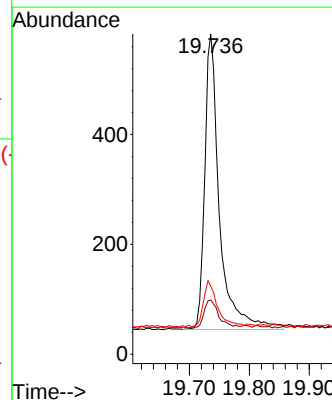
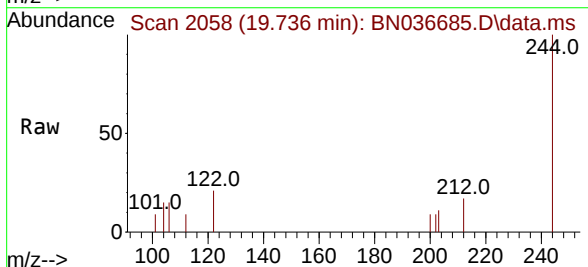
Tgt Ion:244 Resp: 920

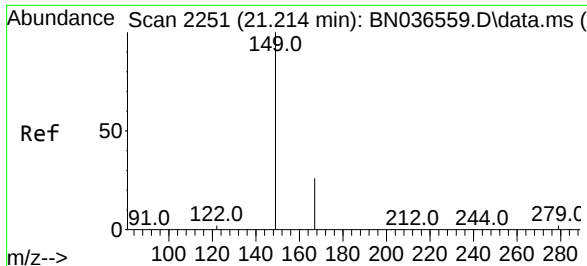
Ion Ratio Lower Upper

244 100

212 17.0 9.6 14.4#

122 21.3 13.9 20.9#

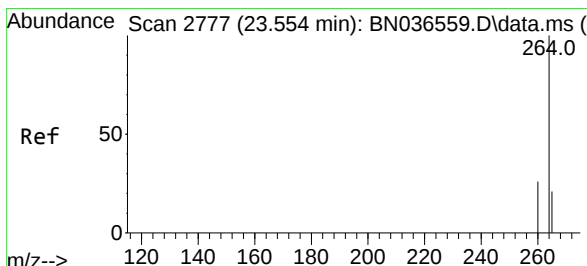
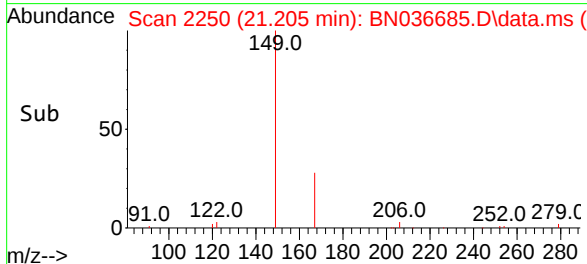
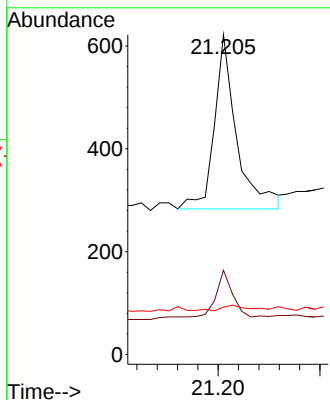
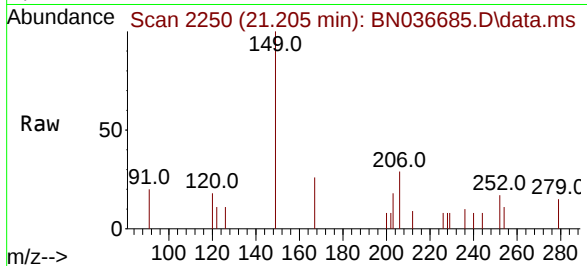




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.069 ng
 RT: 21.205 min Scan# 2120
 Delta R.T. -0.009 min
 Lab File: BN036685.D
 Acq: 18 Mar 2025 10:34

Instrument :
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Tgt Ion:149 Resp: 517
 Ion Ratio Lower Upper
 149 100
 167 19.3 20.7 31.1#
 279 2.5 3.6 5.4#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.543 min Scan# 2773
 Delta R.T. -0.012 min
 Lab File: BN036685.D
 Acq: 18 Mar 2025 10:34

Tgt Ion:264 Resp: 2748
 Ion Ratio Lower Upper
 264 100
 260 28.4 22.6 33.8
 265 98.9 88.1 132.1

