

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032725\
 Data File : BN036751.D
 Acq On : 27 Mar 2025 23:27
 Operator : RC/JU
 Sample : Q1608-18
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D6-20250318

Quant Time: Mar 28 00:59:19 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)

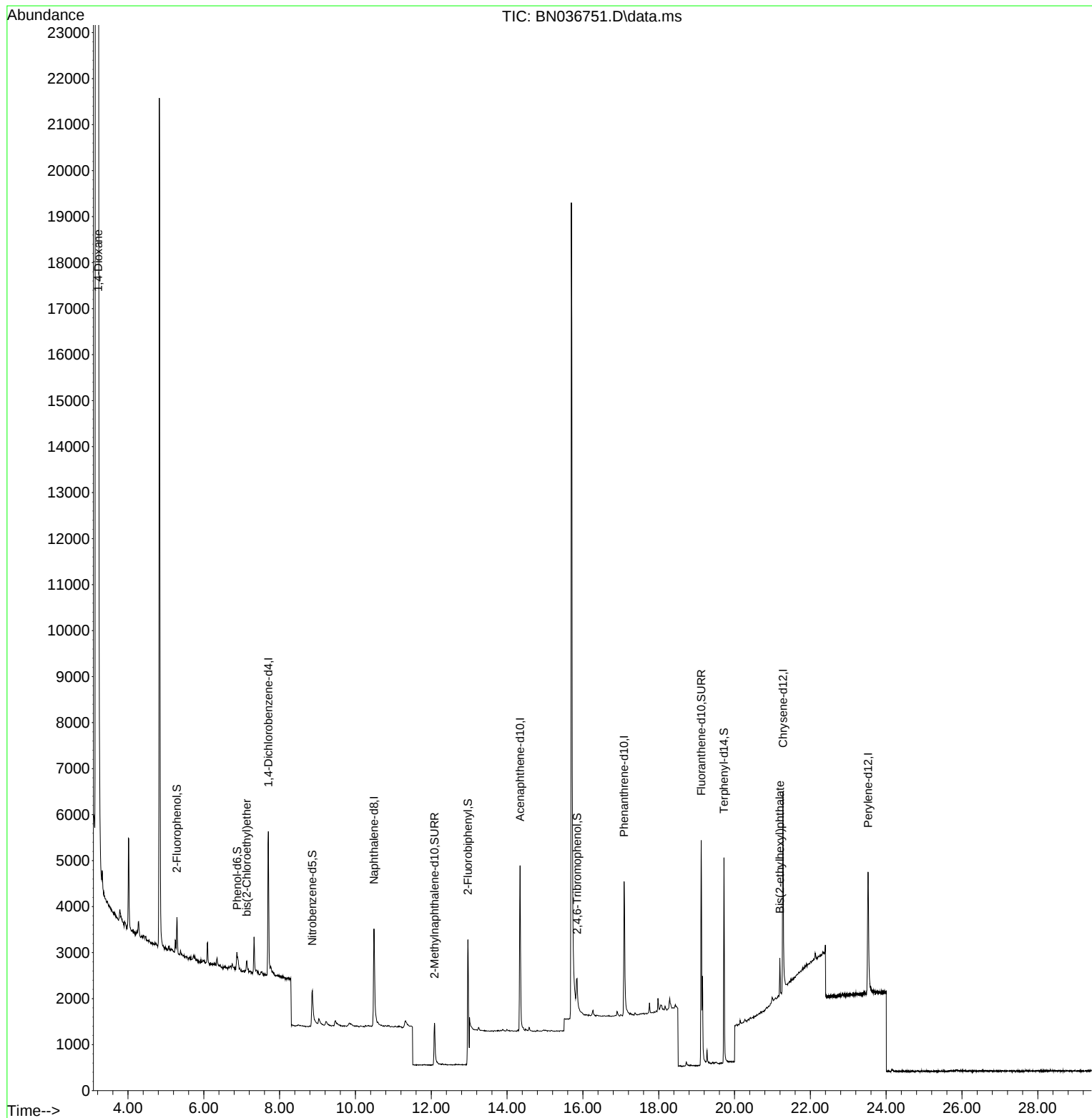
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.703	152	1580	0.400	ng	-0.02
7) Naphthalene-d8	10.487	136	3758	0.400	ng	-0.02
13) Acenaphthene-d10	14.345	164	2377	0.400	ng	-0.02
19) Phenanthrene-d10	17.086	188	5303	0.400	ng	#-0.02
29) Chrysene-d12	21.277	240	4607	0.400	ng	-0.02
35) Perylene-d12	23.522	264	3992	0.400	ng	#-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.290	112	597	0.162	ng	-0.02
5) Phenol-d6	6.879	99	400	0.088	ng	-0.02
8) Nitrobenzene-d5	8.865	82	1136	0.278	ng	-0.01
11) 2-Methylnaphthalene-d10	12.086	152	1705	0.305	ng	-0.03
14) 2,4,6-Tribromophenol	15.845	330	468	0.434	ng	-0.01
15) 2-Fluorobiphenyl	12.968	172	4327	0.313	ng	-0.02
27) Fluoranthene-d10	19.122	212	5926	0.436	ng	-0.02
31) Terphenyl-d14	19.722	244	4479	0.406	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.218	88	11515	6.570	ng	97
6) bis(2-Chloroethyl)ether	7.132	93	229	0.049	ng	# 94
34) Bis(2-ethylhexyl)phtha...	21.196	149	750	0.066	ng	98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032725\
Data File : BN036751.D
Acq On : 27 Mar 2025 23:27
Operator : RC/JU
Sample : Q1608-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE132D6-20250318

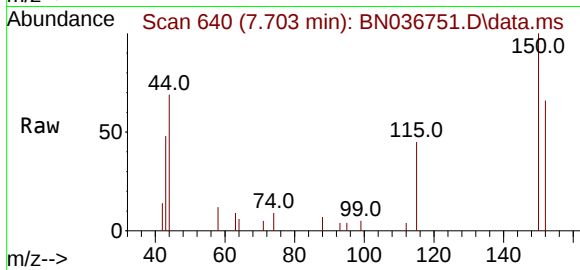
Quant Time: Mar 28 00:59:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 16:06:28 2025
Response via : Initial Calibration



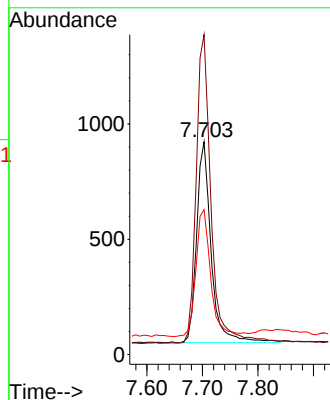
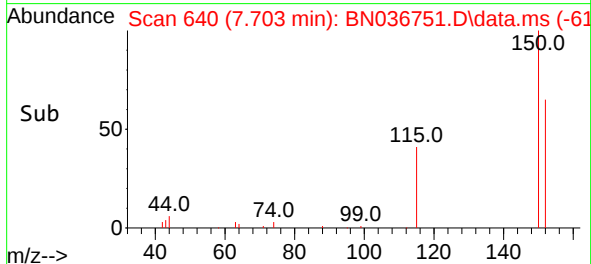


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.703 min Scan# 64
 Delta R.T. -0.021 min
 Lab File: BN036751.D
 Acq: 27 Mar 2025 23:27

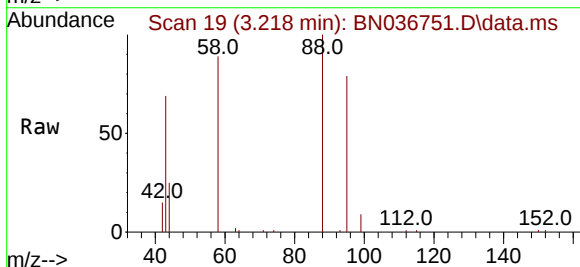
Instrument :
 BNA_N
 ClientSampleId :
 RE132D6-20250318



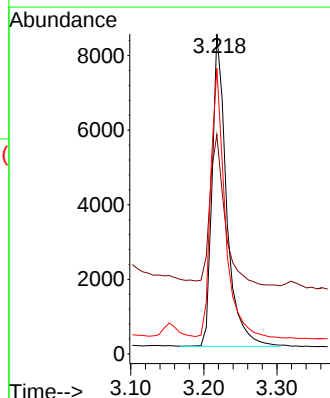
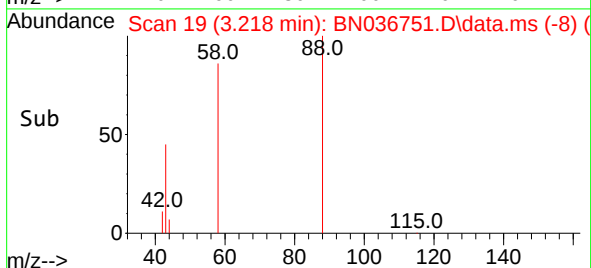
Tgt Ion:152 Resp: 1580
 Ion Ratio Lower Upper
 152 100
 150 150.4 123.7 185.5
 115 68.1 54.3 81.5



#2
 1,4-Dioxane
 Concen: 6.570 ng
 RT: 3.218 min Scan# 19
 Delta R.T. -0.021 min
 Lab File: BN036751.D
 Acq: 27 Mar 2025 23:27



Tgt Ion: 88 Resp: 11515
 Ion Ratio Lower Upper
 88 100
 43 50.7 37.8 56.8
 58 85.7 67.4 101.2





#4

2-Fluorophenol

Concen: 0.162 ng

RT: 5.290 min Scan# 309

Delta R.T. -0.022 min

Lab File: BN036751.D

Acq: 27 Mar 2025 23:27

Instrument :

BNA_N

ClientSampleId :

RE132D6-20250318

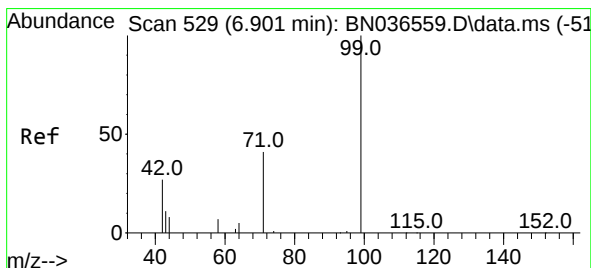
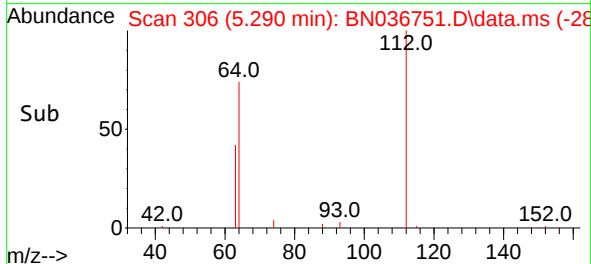
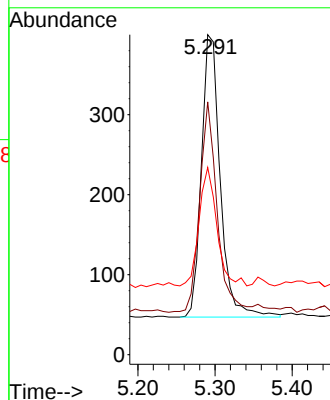
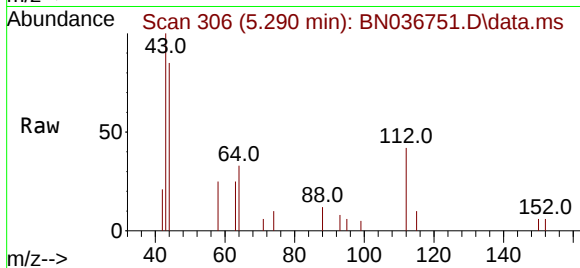
Tgt Ion:112 Resp: 597

Ion Ratio Lower Upper

112 100

64 69.0 53.1 79.7

63 39.4 31.8 47.8



#5

Phenol-d6

Concen: 0.088 ng

RT: 6.879 min Scan# 526

Delta R.T. -0.022 min

Lab File: BN036751.D

Acq: 27 Mar 2025 23:27

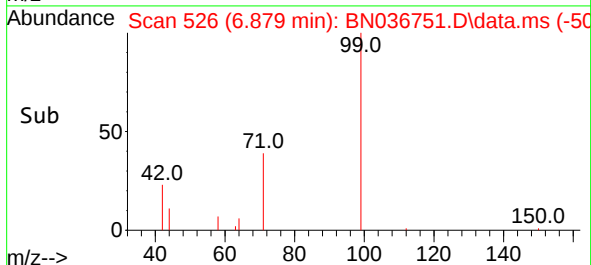
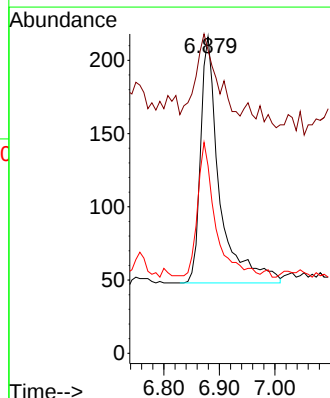
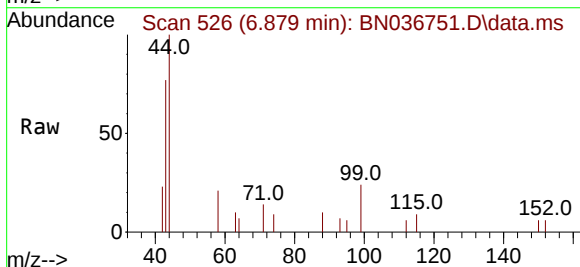
Tgt Ion: 99 Resp: 400

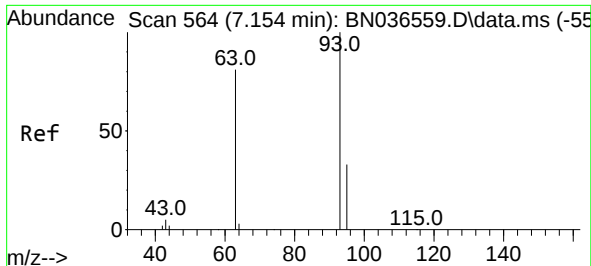
Ion Ratio Lower Upper

99 100

42 34.8 26.5 39.7

71 49.5 34.1 51.1

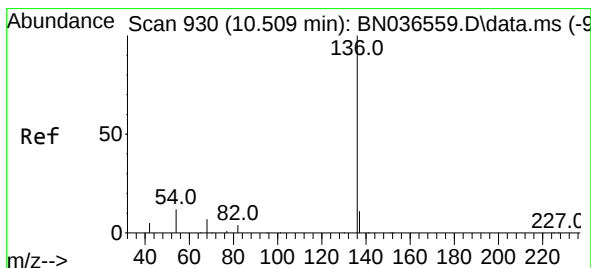
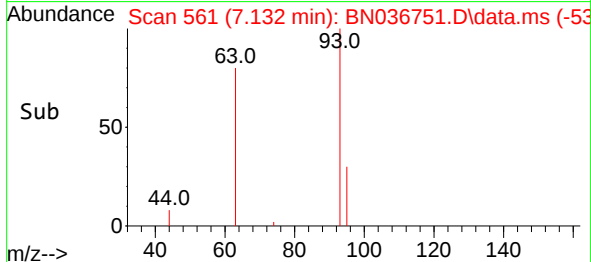
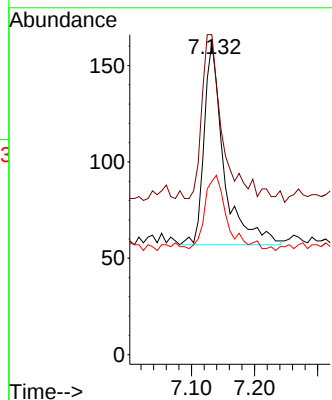
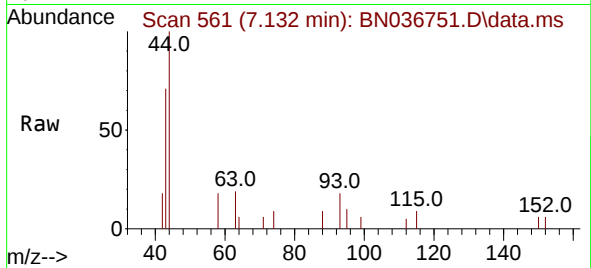




#6
bis(2-Chloroethyl)ether
Concen: 0.049 ng
RT: 7.132 min Scan# 501
Delta R.T. -0.022 min
Lab File: BN036751.D
Acq: 27 Mar 2025 23:27

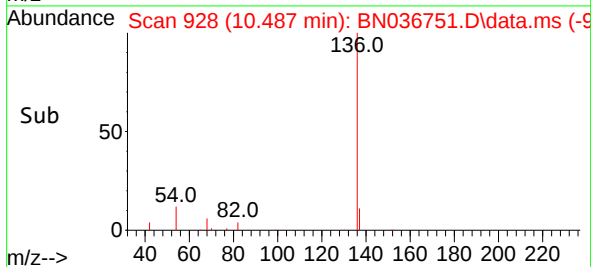
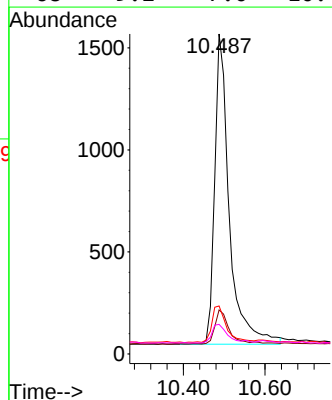
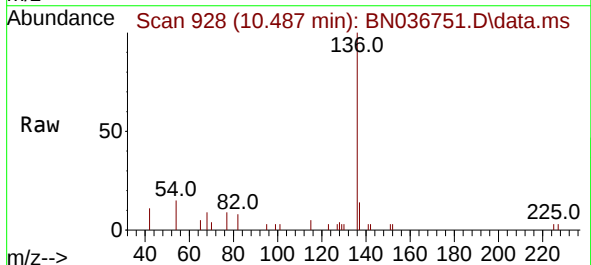
Instrument :
BNA_N
ClientSampleId :
RE132D6-20250318

Tgt Ion: 93 Resp: 229
Ion Ratio Lower Upper
93 100
63 83.0 67.7 101.5
95 40.6 25.6 38.4#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.487 min Scan# 928
Delta R.T. -0.021 min
Lab File: BN036751.D
Acq: 27 Mar 2025 23:27

Tgt Ion:136 Resp: 3758
Ion Ratio Lower Upper
136 100
137 13.8 10.3 15.5
54 15.0 11.5 17.3
68 9.2 7.0 10.4

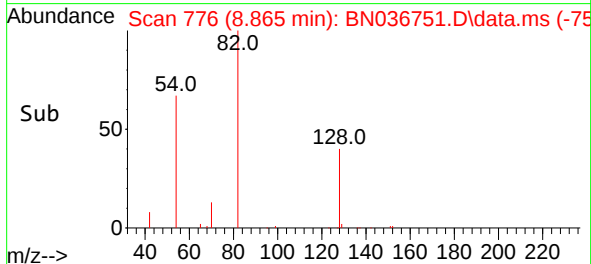
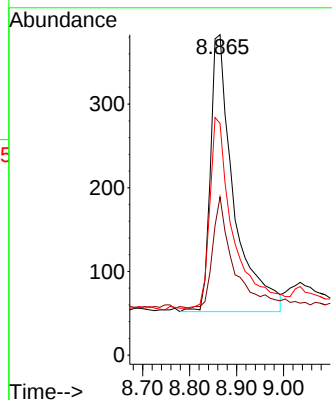
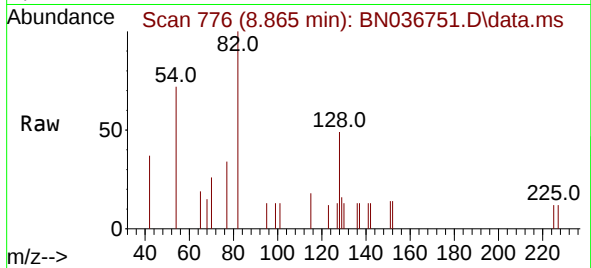




#8
 Nitrobenzene-d5
 Concen: 0.278 ng
 RT: 8.865 min Scan# 71
 Delta R.T. -0.011 min
 Lab File: BN036751.D
 Acq: 27 Mar 2025 23:27

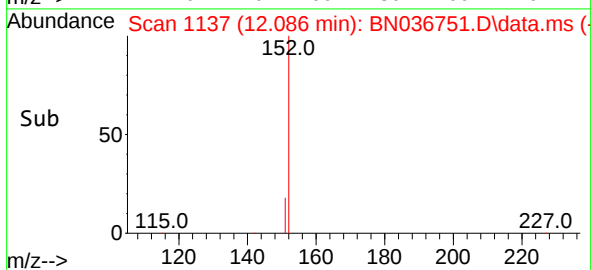
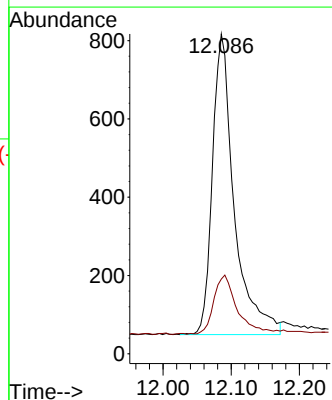
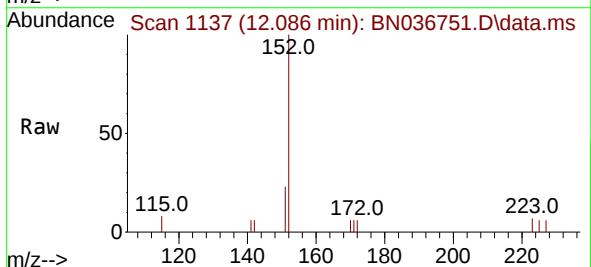
Instrument :
 BNA_N
 ClientSampleId :
 RE132D6-20250318

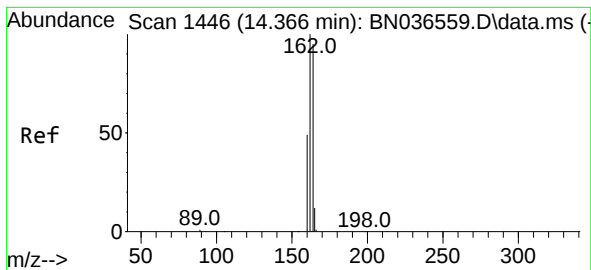
Tgt Ion: 82 Resp: 1136
 Ion Ratio Lower Upper
 82 100
 128 49.3 30.6 45.8#
 54 72.3 52.2 78.4



#11
 2-Methylnaphthalene-d10
 Concen: 0.305 ng
 RT: 12.086 min Scan# 1137
 Delta R.T. -0.025 min
 Lab File: BN036751.D
 Acq: 27 Mar 2025 23:27

Tgt Ion: 152 Resp: 1705
 Ion Ratio Lower Upper
 152 100
 151 21.0 17.0 25.6





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.345 min Scan# 1444

Delta R.T. -0.021 min

Lab File: BN036751.D

Acq: 27 Mar 2025 23:27

Instrument :

BNA_N

ClientSampleId :

RE132D6-20250318

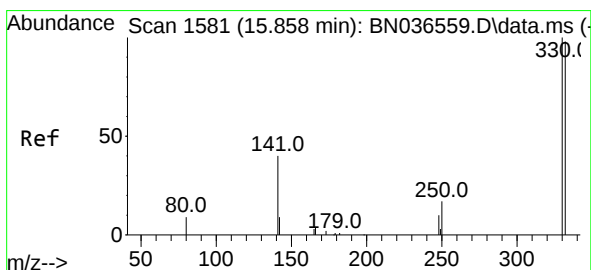
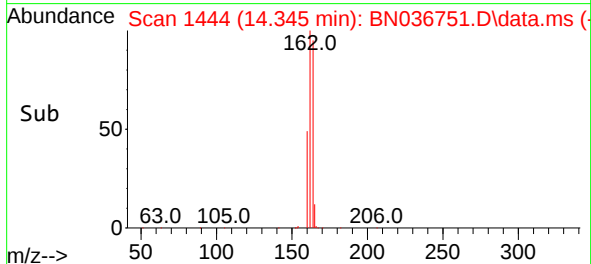
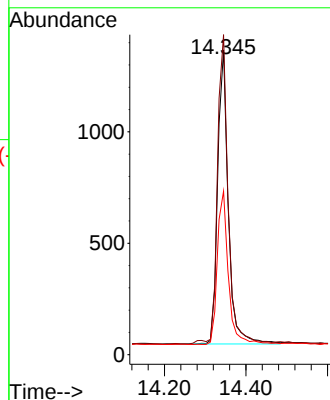
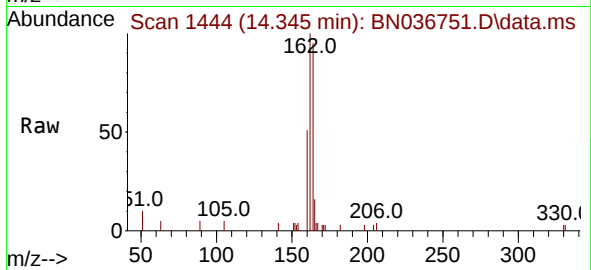
Tgt Ion:164 Resp: 2377

Ion Ratio Lower Upper

164 100

162 105.0 84.2 126.2

160 53.7 42.2 63.2



#14

2,4,6-Tribromophenol

Concen: 0.434 ng

RT: 15.845 min Scan# 1580

Delta R.T. -0.012 min

Lab File: BN036751.D

Acq: 27 Mar 2025 23:27

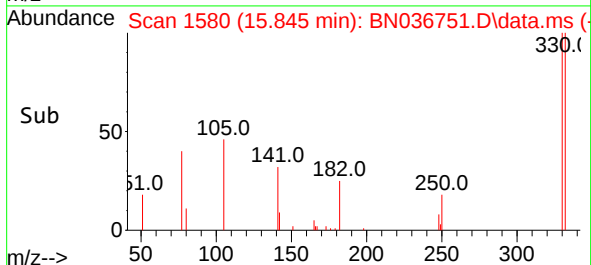
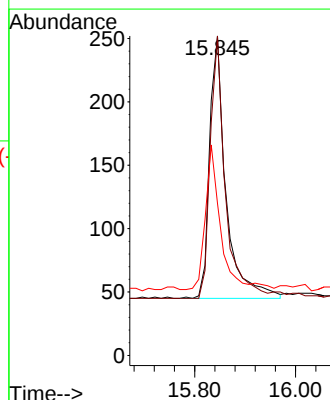
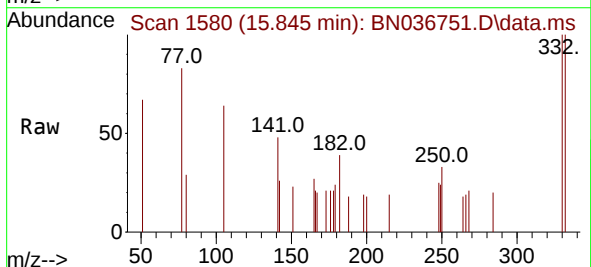
Tgt Ion:330 Resp: 468

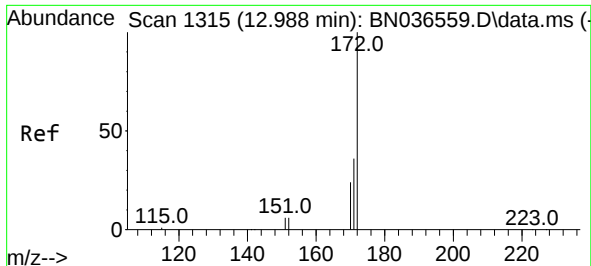
Ion Ratio Lower Upper

330 100

332 94.2 75.2 112.8

141 50.9 43.4 65.2

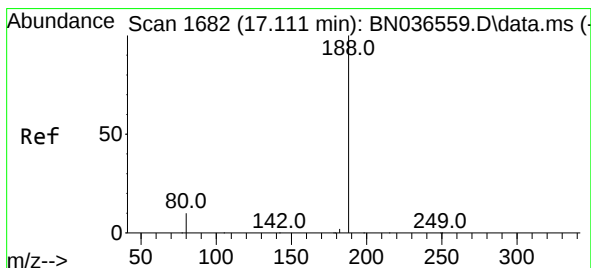
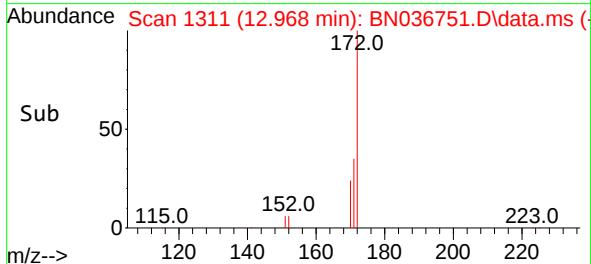
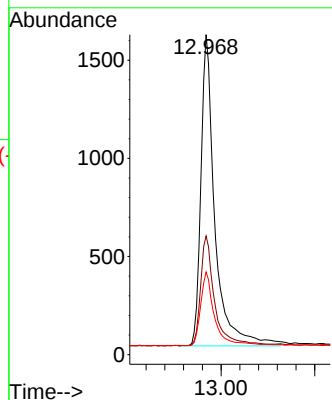
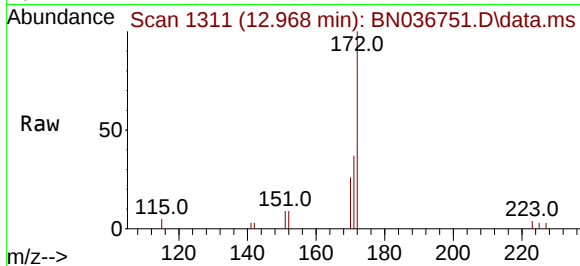




#15
2-Fluorobiphenyl
Concen: 0.313 ng
RT: 12.968 min Scan# 11
Delta R.T. -0.020 min
Lab File: BN036751.D
Acq: 27 Mar 2025 23:27

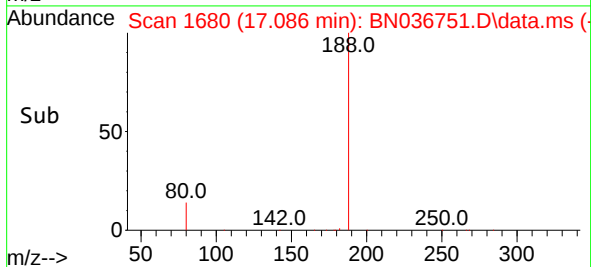
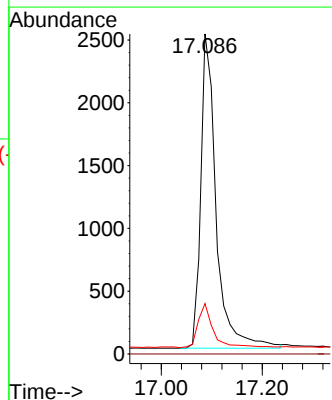
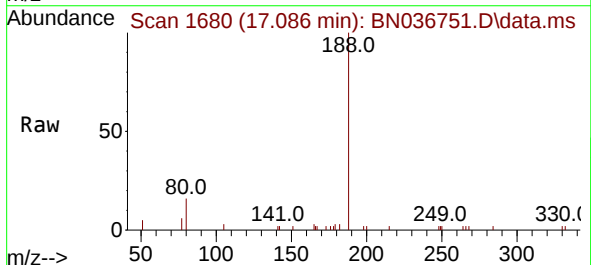
Instrument :
BNA_N
ClientSampleId :
RE132D6-20250318

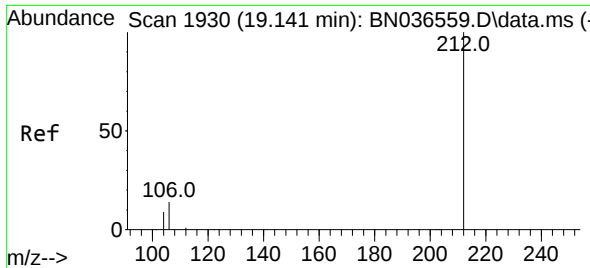
Tgt Ion:	172	Resp:	4327
Ion Ratio	Lower	Upper	
172	100		
171	37.1	29.5	44.3
170	25.8	20.2	30.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.086 min Scan# 1680
Delta R.T. -0.025 min
Lab File: BN036751.D
Acq: 27 Mar 2025 23:27

Tgt Ion:	188	Resp:	5303
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	15.8	8.8	13.2

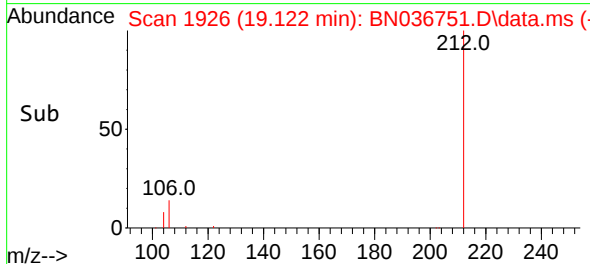
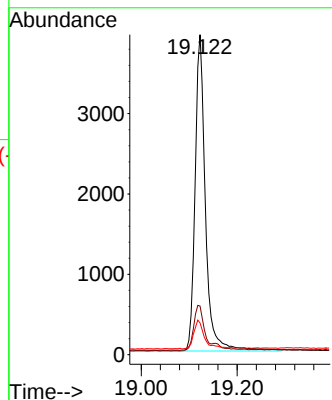
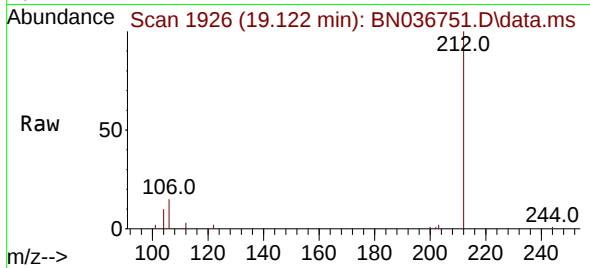




#27
Fluoranthene-d10
Concen: 0.436 ng
RT: 19.122 min Scan# 19
Delta R.T. -0.018 min
Lab File: BN036751.D
Acq: 27 Mar 2025 23:27

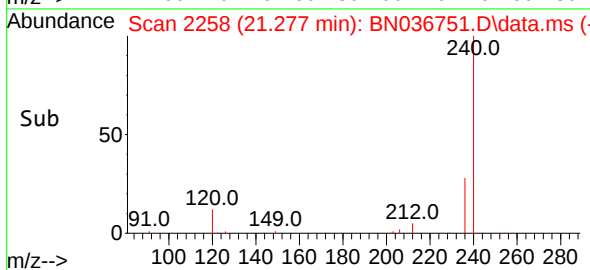
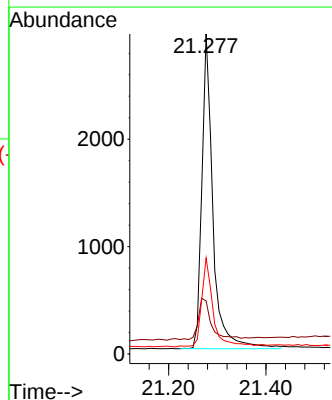
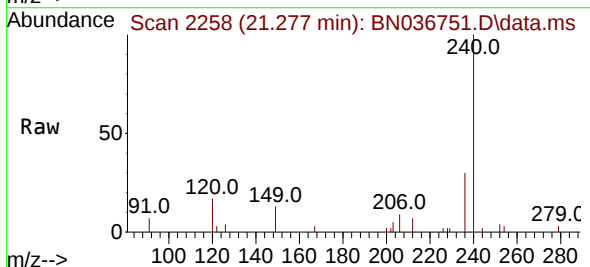
Instrument :
BNA_N
ClientSampleId :
RE132D6-20250318

Tgt Ion:212 Resp: 5926
Ion Ratio Lower Upper
212 100
106 14.0 11.8 17.6
104 9.7 7.3 10.9



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.277 min Scan# 2258
Delta R.T. -0.018 min
Lab File: BN036751.D
Acq: 27 Mar 2025 23:27

Tgt Ion:240 Resp: 4607
Ion Ratio Lower Upper
240 100
120 16.5 14.6 22.0
236 30.0 24.1 36.1

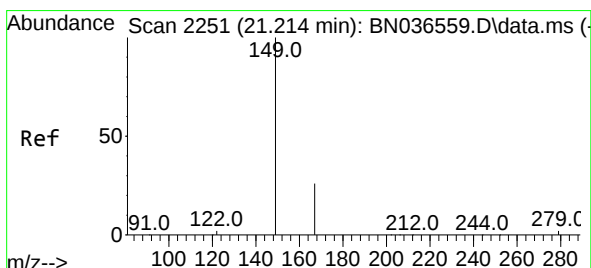
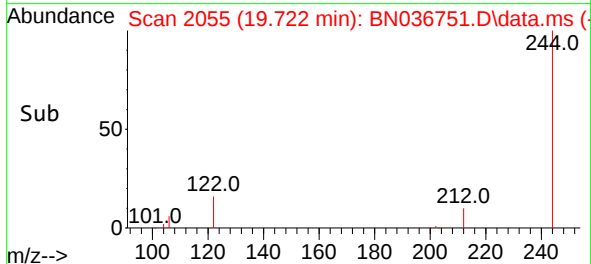
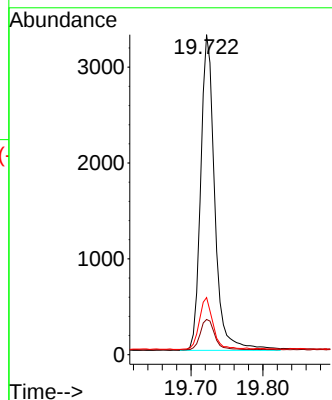
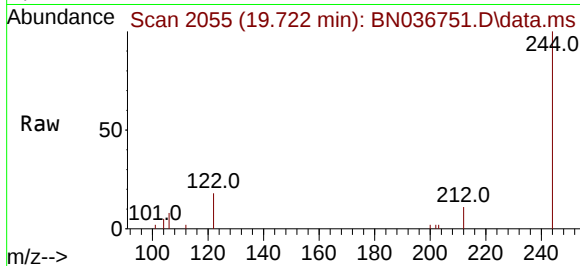




#31
 Terphenyl-d14
 Concen: 0.406 ng
 RT: 19.722 min Scan# 2060
 Delta R.T. -0.023 min
 Lab File: BN036751.D
 Acq: 27 Mar 2025 23:27

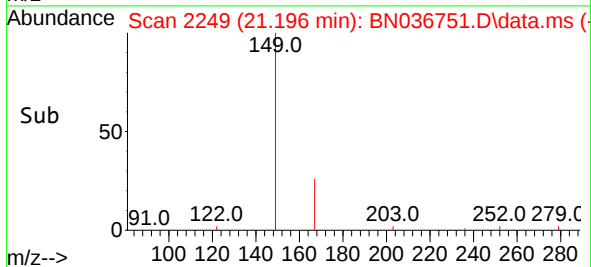
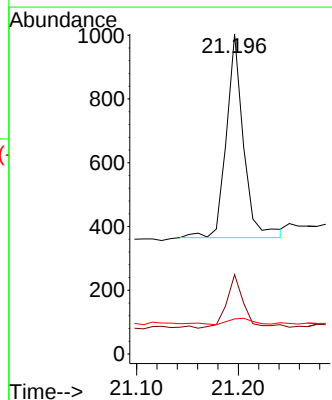
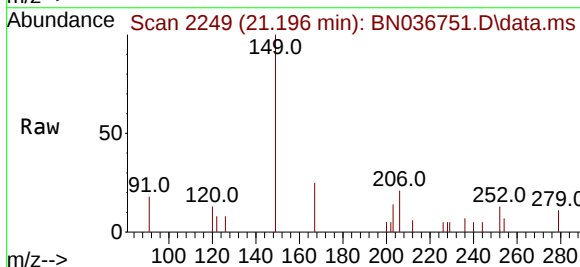
Instrument :
 BNA_N
 ClientSampleId :
 RE132D6-20250318

Tgt Ion:244 Resp: 4479
 Ion Ratio Lower Upper
 244 100
 212 11.0 9.6 14.4
 122 17.8 13.9 20.9



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.066 ng
 RT: 21.196 min Scan# 2249
 Delta R.T. -0.018 min
 Lab File: BN036751.D
 Acq: 27 Mar 2025 23:27

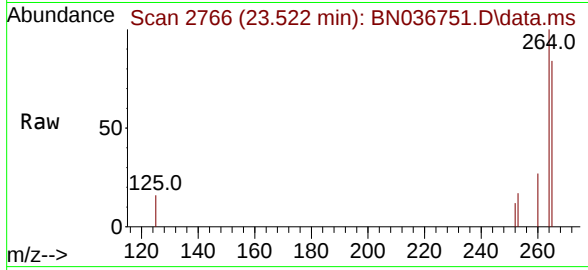
Tgt Ion:149 Resp: 750
 Ion Ratio Lower Upper
 149 100
 167 26.9 20.7 31.1
 279 4.4 3.6 5.4





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.522 min Scan# 21
 Delta R.T. -0.032 min
 Lab File: BN036751.D
 Acq: 27 Mar 2025 23:27

Instrument :
 BNA_N
 ClientSampleId :
 RE132D6-20250318



Tgt Ion:264 Resp: 3992

Ion	Ratio	Lower	Upper
264	100		
260	26.9	22.6	33.8
265	83.7	88.1	132.1#

