

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031025\
 Data File : BN036568.D
 Acq On : 10 Mar 2025 19:02
 Operator : RC/JU
 Sample : Q1531-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE126D2-20250306

Quant Time: Mar 11 00:52:31 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)

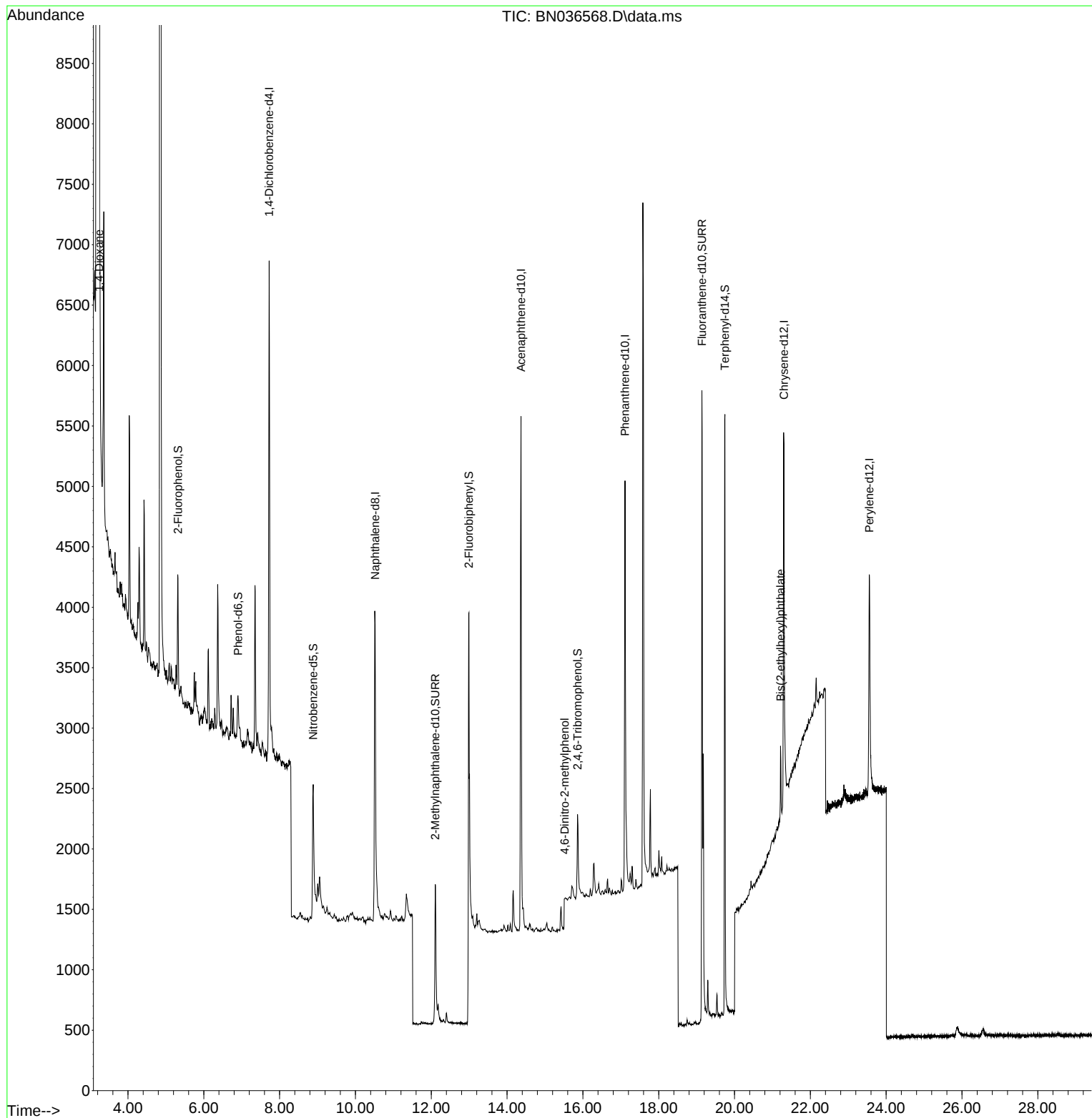
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.725	152	2064	0.400	ng	0.00
7) Naphthalene-d8	10.520	136	4561	0.400	ng	0.01
13) Acenaphthene-d10	14.366	164	2745	0.400	ng	0.00
19) Phenanthrene-d10	17.111	188	5634	0.400	ng	0.00
29) Chrysene-d12	21.304	240	3902	0.400	ng	0.00
35) Perylene-d12	23.557	264	3043	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.320	112	765	0.159	ng	0.00
5) Phenol-d6	6.908	99	489	0.082	ng	0.00
8) Nitrobenzene-d5	8.886	82	1487	0.300	ng	0.01
11) 2-Methylnaphthalene-d10	12.106	152	2289	0.337	ng	0.00
14) 2,4,6-Tribromophenol	15.858	330	512	0.411	ng	0.00
15) 2-Fluorobiphenyl	12.993	172	5640	0.353	ng	0.00
27) Fluoranthene-d10	19.141	212	6472	0.448	ng	0.00
31) Terphenyl-d14	19.745	244	5051	0.540	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.240	88	8987	3.925	ng	98
20) 4,6-Dinitro-2-methylph...	15.523	198	6	0.150	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.214	149	652	0.067	ng	# 96

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

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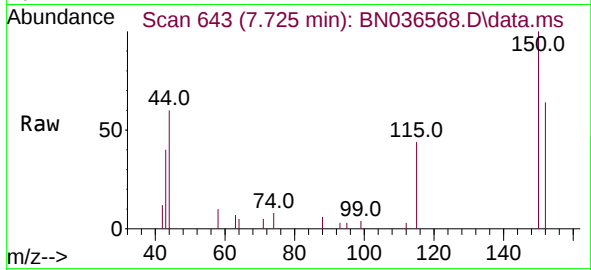
Quant Time: Mar 11 00:52:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
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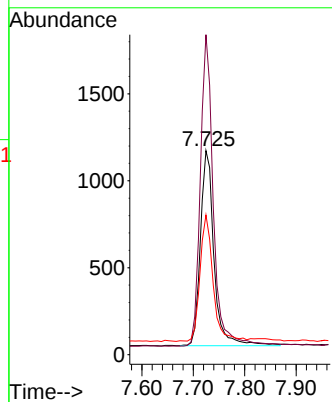
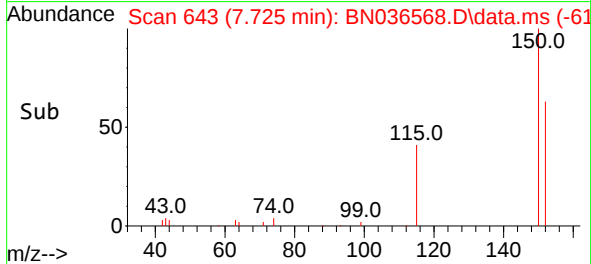


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.725 min Scan# 64
 Delta R.T. 0.001 min
 Lab File: BN036568.D
 Acq: 10 Mar 2025 19:02

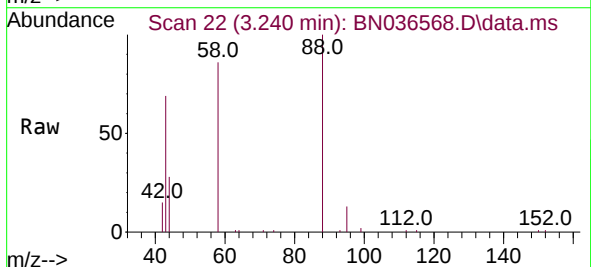
Instrument :
 BNA_N
 ClientSampleId :
 RE126D2-20250306



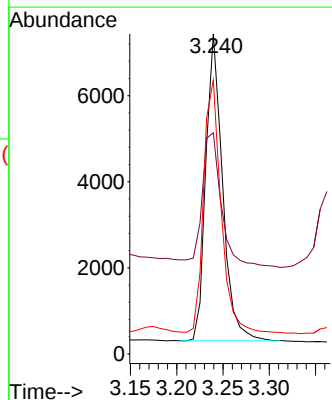
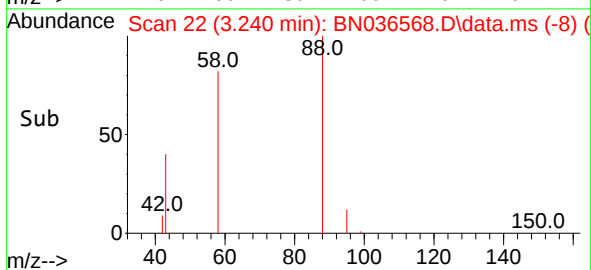
Tgt Ion:152 Resp: 2064
 Ion Ratio Lower Upper
 152 100
 150 156.9 123.7 185.5
 115 68.5 54.3 81.5

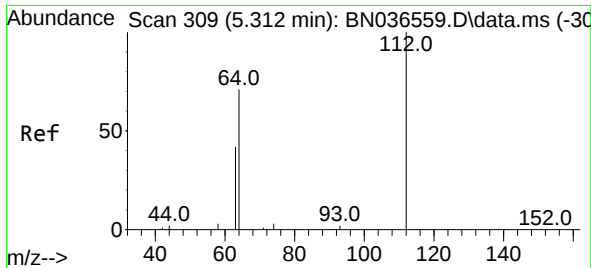


#2
 1,4-Dioxane
 Concen: 3.925 ng
 RT: 3.240 min Scan# 22
 Delta R.T. 0.001 min
 Lab File: BN036568.D
 Acq: 10 Mar 2025 19:02



Tgt Ion: 88 Resp: 8987
 Ion Ratio Lower Upper
 88 100
 43 50.3 37.8 56.8
 58 84.9 67.4 101.2

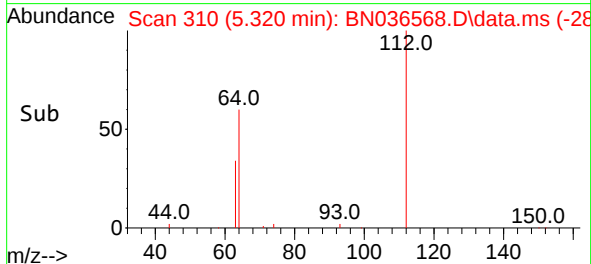
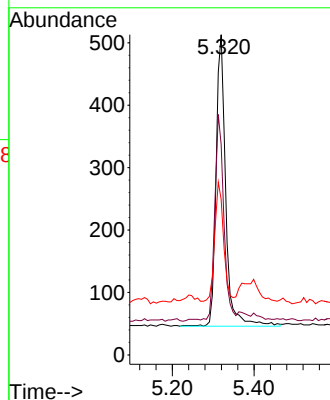
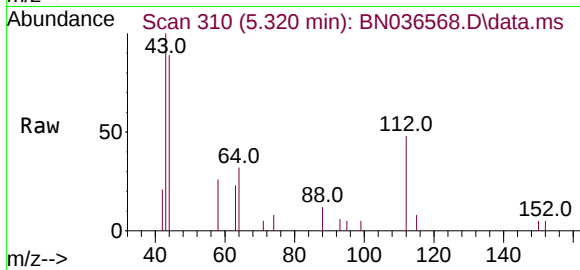




#4
2-Fluorophenol
Concen: 0.159 ng
RT: 5.320 min Scan# 310
Delta R.T. 0.007 min
Lab File: BN036568.D
Acq: 10 Mar 2025 19:02

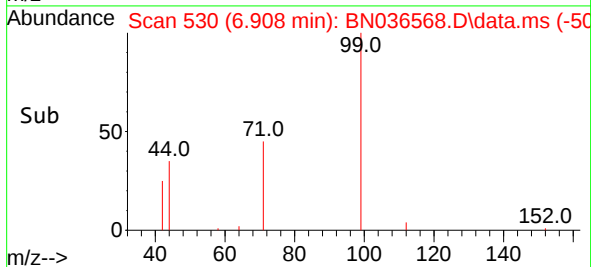
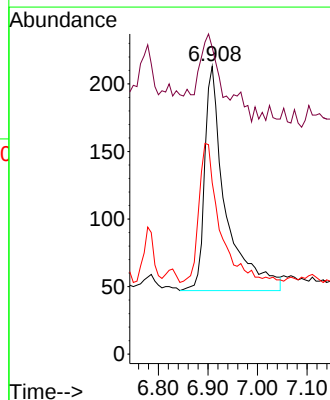
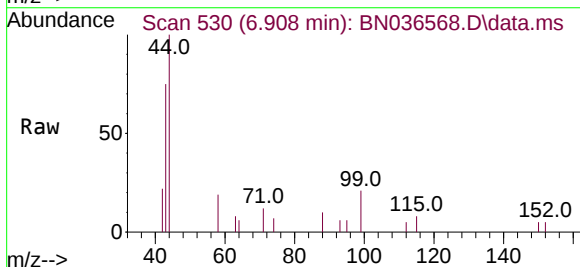
Instrument :
BNA_N
ClientSampleId :
RE126D2-20250306

Tgt Ion:112 Resp: 765
Ion Ratio Lower Upper
112 100
64 65.0 53.1 79.7
63 37.0 31.8 47.8



#5
Phenol-d6
Concen: 0.082 ng
RT: 6.908 min Scan# 530
Delta R.T. 0.007 min
Lab File: BN036568.D
Acq: 10 Mar 2025 19:02

Tgt Ion: 99 Resp: 489
Ion Ratio Lower Upper
99 100
42 20.7 26.5 39.7#
71 60.5 34.1 51.1#

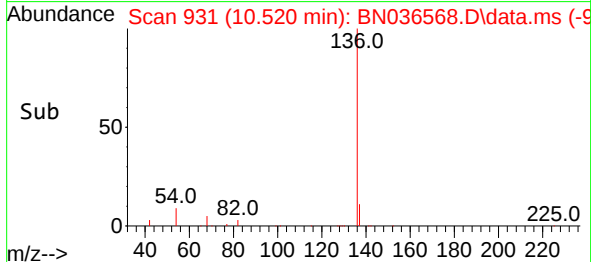
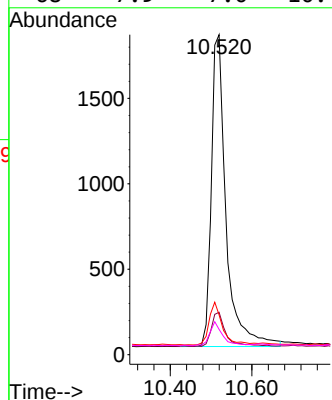
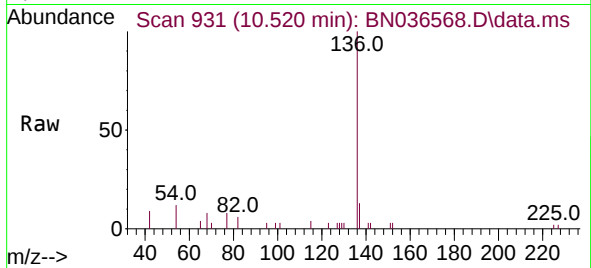




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.520 min Scan# 91
Delta R.T. 0.011 min
Lab File: BN036568.D
Acq: 10 Mar 2025 19:02

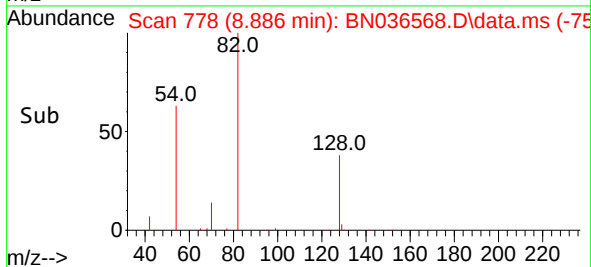
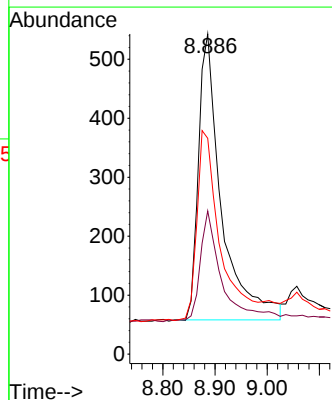
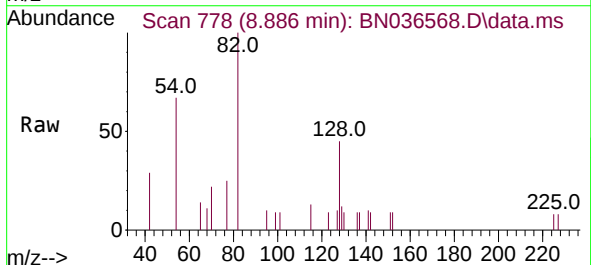
Instrument :
BNA_N
ClientSampleId :
RE126D2-20250306

Tgt Ion:	136	Resp:	4561
Ion	Ratio	Lower	Upper
136	100		
137	13.2	10.3	15.5
54	12.4	11.5	17.3
68	7.9	7.0	10.4



#8
Nitrobenzene-d5
Concen: 0.300 ng
RT: 8.886 min Scan# 778
Delta R.T. 0.011 min
Lab File: BN036568.D
Acq: 10 Mar 2025 19:02

Tgt Ion:	82	Resp:	1487
Ion	Ratio	Lower	Upper
82	100		
128	44.8	30.6	45.8
54	67.4	52.2	78.4

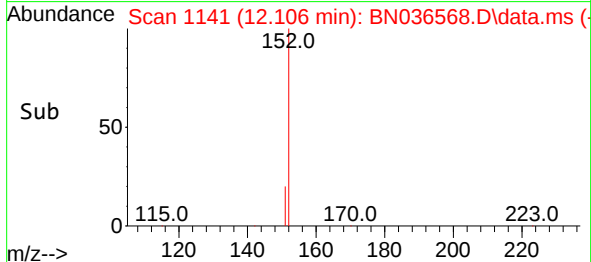
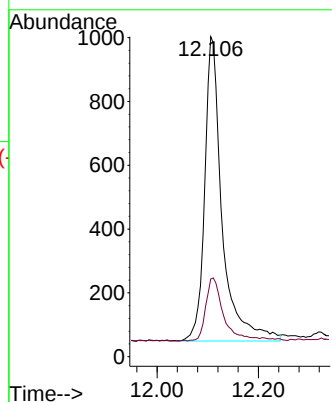
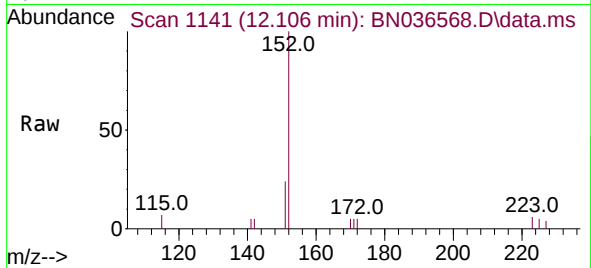




#11
2-Methylnaphthalene-d10
Concen: 0.337 ng
RT: 12.106 min Scan# 1141
Delta R.T. -0.005 min
Lab File: BN036568.D
Acq: 10 Mar 2025 19:02

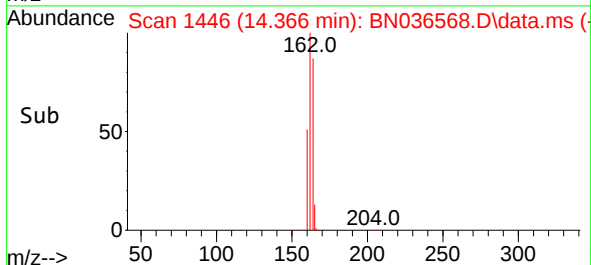
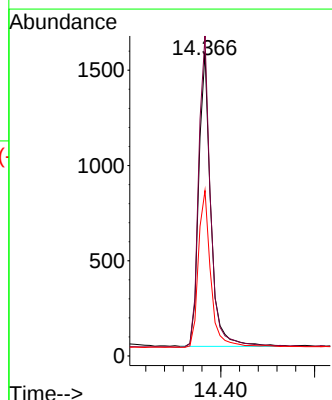
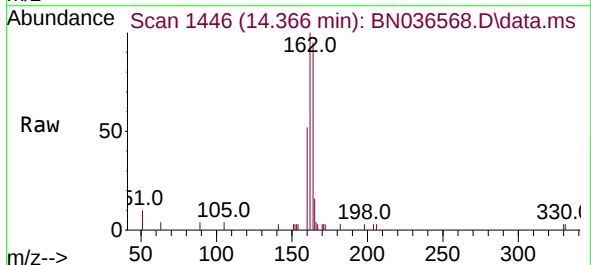
Instrument :
BNA_N
ClientSampleId :
RE126D2-20250306

Tgt Ion:152 Resp: 2289
Ion Ratio Lower Upper
152 100
151 21.0 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: BN036568.D
Acq: 10 Mar 2025 19:02

Tgt Ion:164 Resp: 2745
Ion Ratio Lower Upper
164 100
162 105.7 84.2 126.2
160 54.7 42.2 63.2

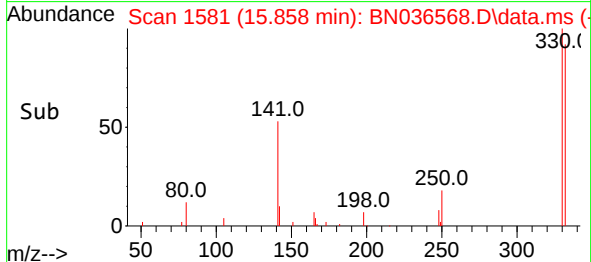
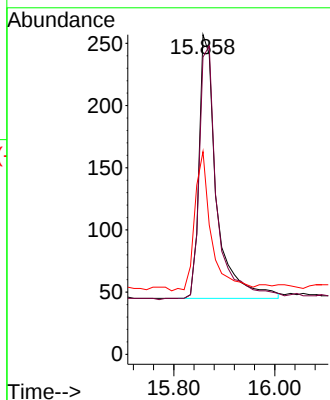
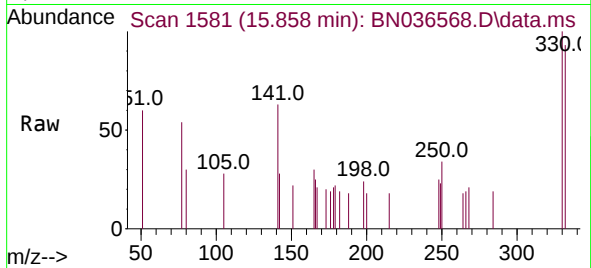




#14
2,4,6-Tribromophenol
Concen: 0.411 ng
RT: 15.858 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BN036568.D
Acq: 10 Mar 2025 19:02

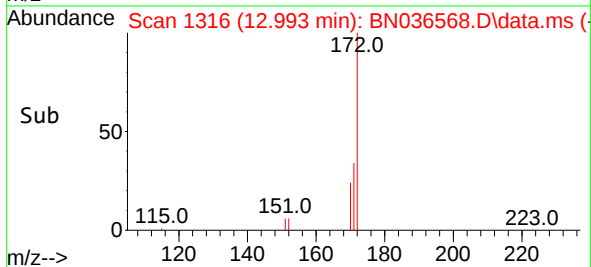
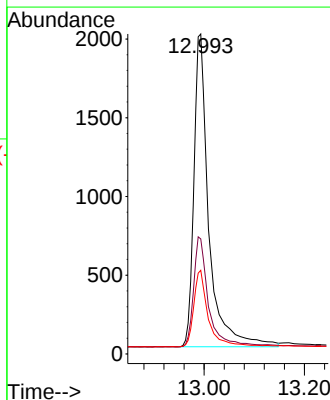
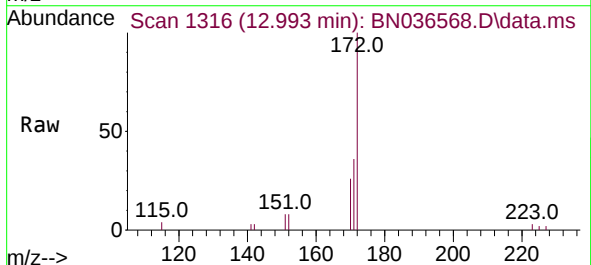
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BNA_N
ClientSampleId :
RE126D2-20250306

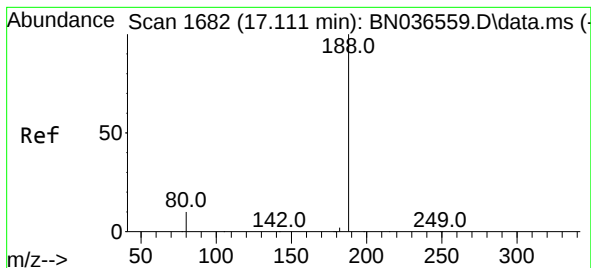
Tgt Ion:	330	Resp:	512
Ion Ratio	Lower	Upper	
330	100		
332	99.4	75.2	112.8
141	50.4	43.4	65.2



#15
2-Fluorobiphenyl
Concen: 0.353 ng
RT: 12.993 min Scan# 1316
Delta R.T. 0.005 min
Lab File: BN036568.D
Acq: 10 Mar 2025 19:02

Tgt Ion:	172	Resp:	5640
Ion Ratio	Lower	Upper	
172	100		
171	36.0	29.5	44.3
170	26.1	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: BN036568.D

Acq: 10 Mar 2025 19:02

Instrument :

BNA_N

ClientSampleId :

RE126D2-20250306

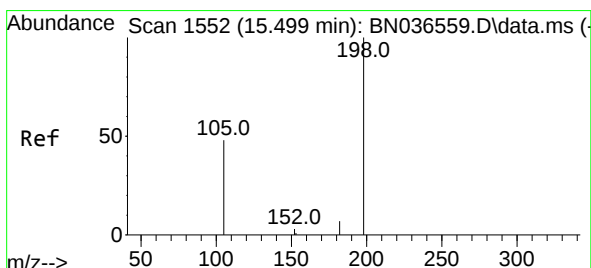
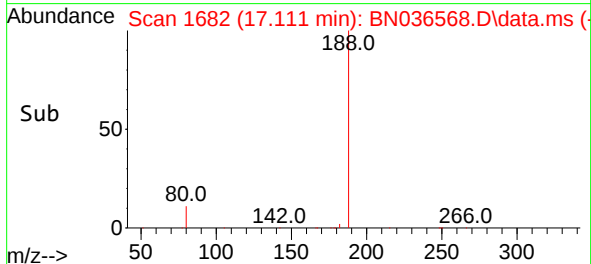
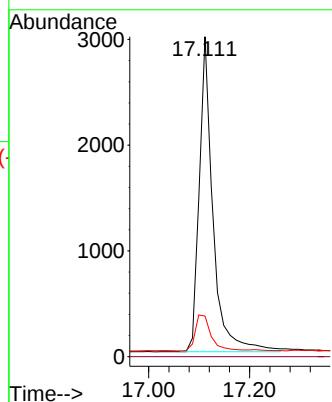
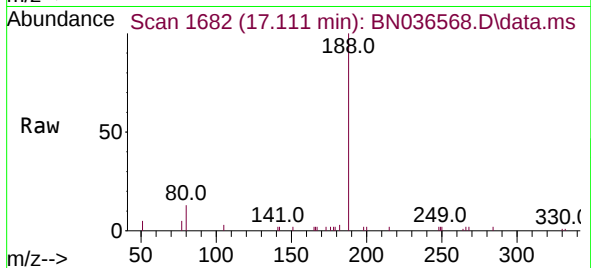
Tgt Ion:188 Resp: 5634

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.7 8.8 13.2



#20

4,6-Dinitro-2-methylphenol

Concen: 0.150 ng

RT: 15.523 min Scan# 1554

Delta R.T. 0.024 min

Lab File: BN036568.D

Acq: 10 Mar 2025 19:02

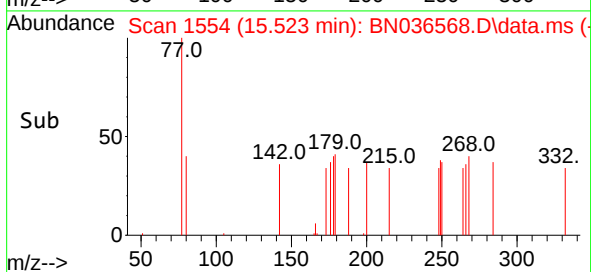
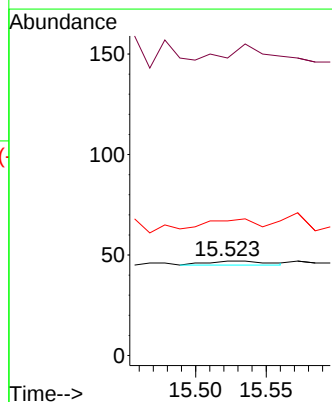
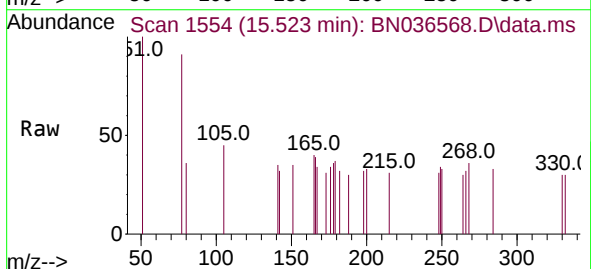
Tgt Ion:198 Resp: 6

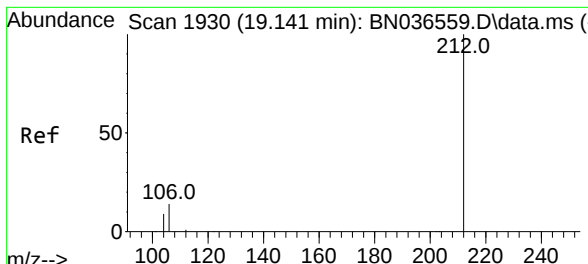
Ion Ratio Lower Upper

198 100

51 314.9 107.9 161.9#

105 142.6 56.2 84.2#

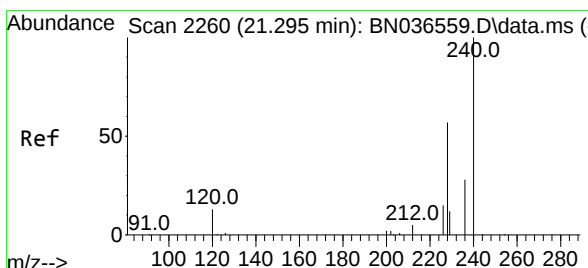
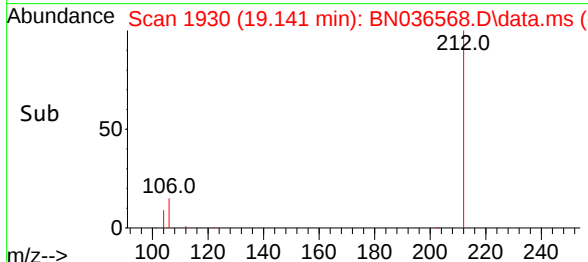
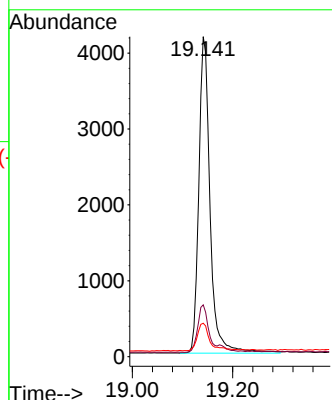
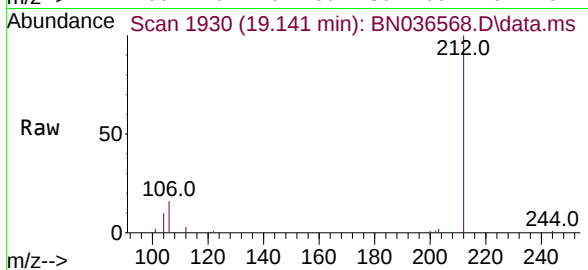




#27
Fluoranthene-d10
Concen: 0.448 ng
RT: 19.141 min Scan# 1930
Delta R.T. 0.000 min
Lab File: BN036568.D
Acq: 10 Mar 2025 19:02

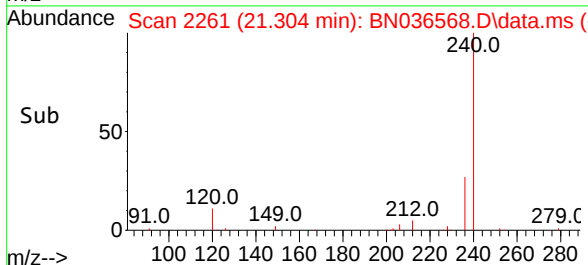
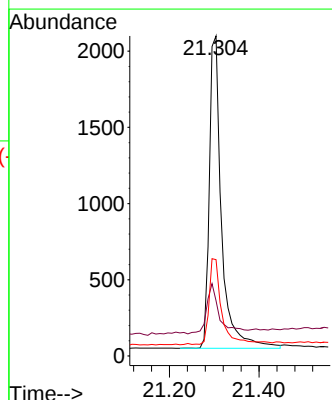
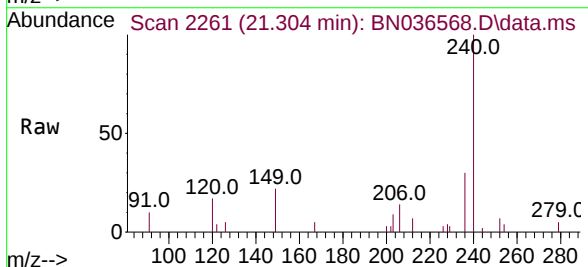
Instrument :
BNA_N
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RE126D2-20250306

Tgt Ion:212 Resp: 6472
Ion Ratio Lower Upper
212 100
106 14.4 11.8 17.6
104 9.5 7.3 10.9



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.304 min Scan# 2261
Delta R.T. 0.009 min
Lab File: BN036568.D
Acq: 10 Mar 2025 19:02

Tgt Ion:240 Resp: 3902
Ion Ratio Lower Upper
240 100
120 17.2 14.6 22.0
236 30.1 24.1 36.1

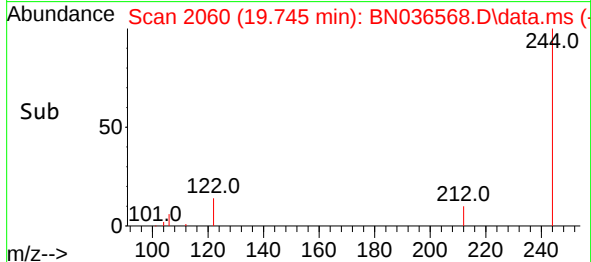
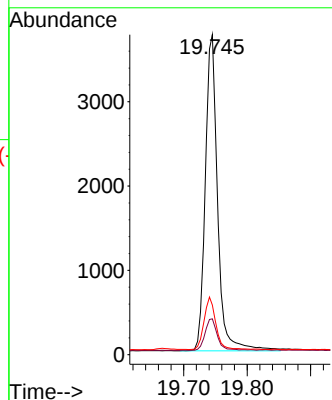
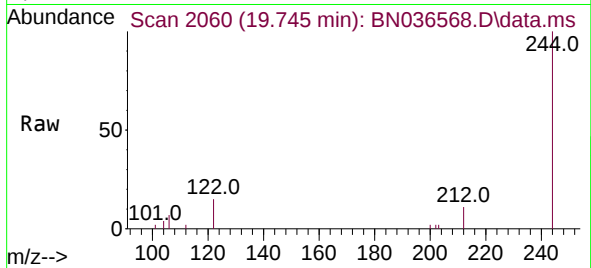




#31
 Terphenyl-d14
 Concen: 0.540 ng
 RT: 19.745 min Scan# 2060
 Delta R.T. 0.000 min
 Lab File: BN036568.D
 Acq: 10 Mar 2025 19:02

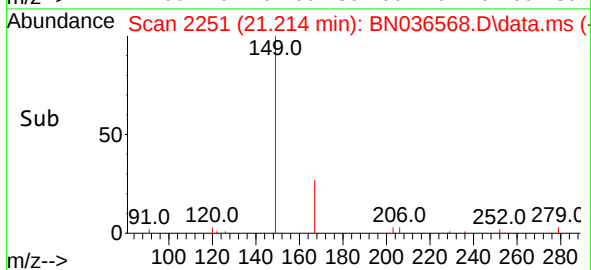
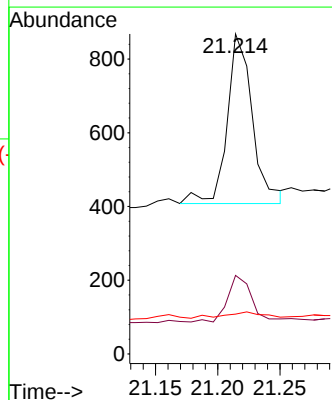
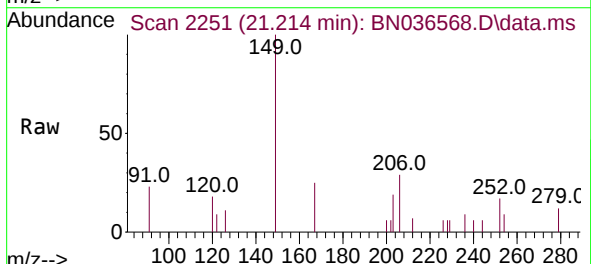
Instrument :
 BNA_N
 ClientSampleId :
 RE126D2-20250306

Tgt Ion:244 Resp: 5051
 Ion Ratio Lower Upper
 244 100
 212 11.2 9.6 14.4
 122 15.5 13.9 20.9



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.067 ng
 RT: 21.214 min Scan# 2251
 Delta R.T. 0.000 min
 Lab File: BN036568.D
 Acq: 10 Mar 2025 19:02

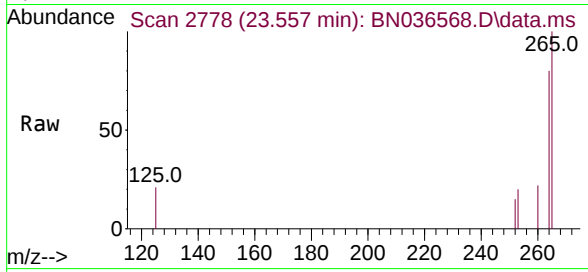
Tgt Ion:149 Resp: 652
 Ion Ratio Lower Upper
 149 100
 167 27.6 20.7 31.1
 279 6.0 3.6 5.4#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.557 min Scan# 21
Delta R.T. 0.003 min
Lab File: BN036568.D
Acq: 10 Mar 2025 19:02

Instrument :
BNA_N
ClientSampleId :
RE126D2-20250306



Tgt Ion:	264	Resp:	3043
Ion	Ratio	Lower	Upper
264	100		
260	26.8	22.6	33.8
265	124.7	88.1	132.1

