

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031125\
 Data File : BN036586.D
 Acq On : 11 Mar 2025 17:57
 Operator : RC/JU
 Sample : Q1531-17
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE125D2-20250307

Quant Time: Mar 11 18:19:27 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)

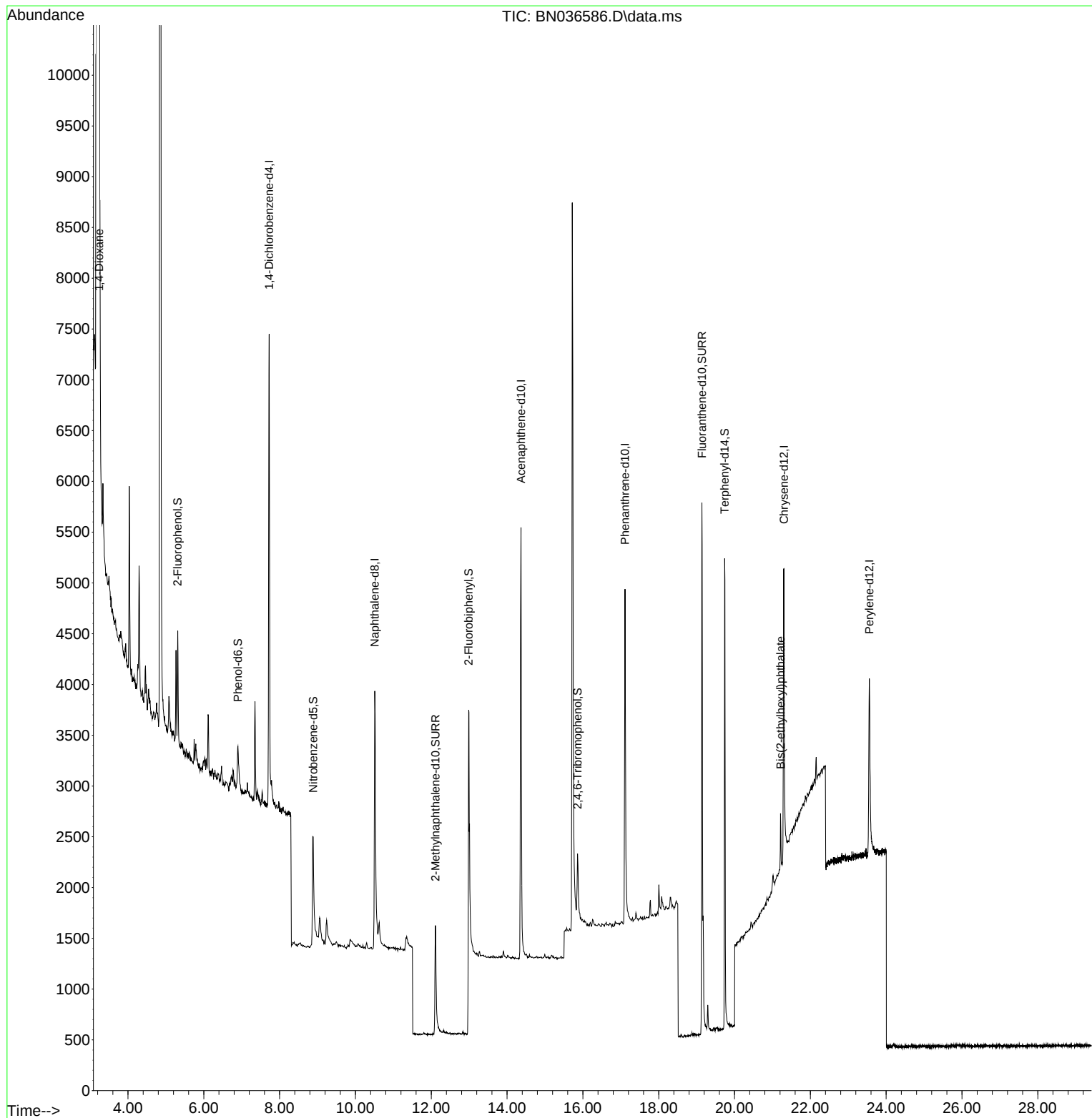
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	2081	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	4659	0.400	ng	0.00
13) Acenaphthene-d10	14.366	164	2830	0.400	ng	0.00
19) Phenanthrene-d10	17.111	188	5539	0.400	ng	# 0.00
29) Chrysene-d12	21.304	240	3781	0.400	ng	0.00
35) Perylene-d12	23.554	264	3024	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.312	112	760	0.157	ng	0.00
5) Phenol-d6	6.901	99	464	0.077	ng	0.00
8) Nitrobenzene-d5	8.886	82	1519	0.300	ng	0.01
11) 2-Methylnaphthalene-d10	12.111	152	2284	0.330	ng	0.00
14) 2,4,6-Tribromophenol	15.858	330	482	0.375	ng	0.00
15) 2-Fluorobiphenyl	12.988	172	5327	0.324	ng	0.00
27) Fluoranthene-d10	19.141	212	6651	0.468	ng	0.00
31) Terphenyl-d14	19.740	244	4730	0.522	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.239	88	21171	9.171	ng	99
34) Bis(2-ethylhexyl)phtha...	21.214	149	600	0.064	ng	96

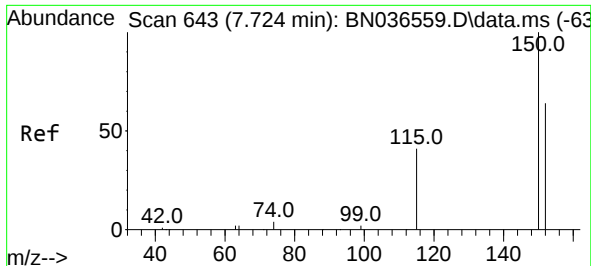
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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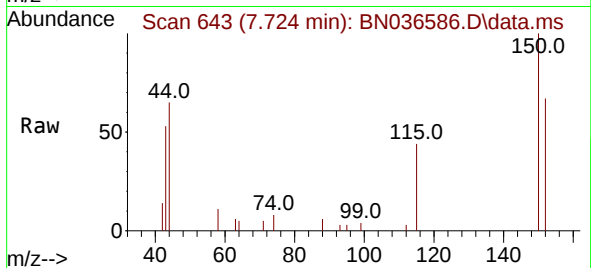
Quant Time: Mar 11 18:19:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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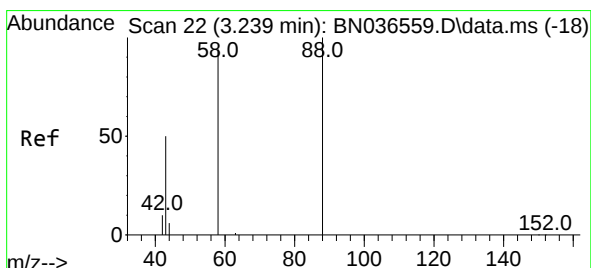
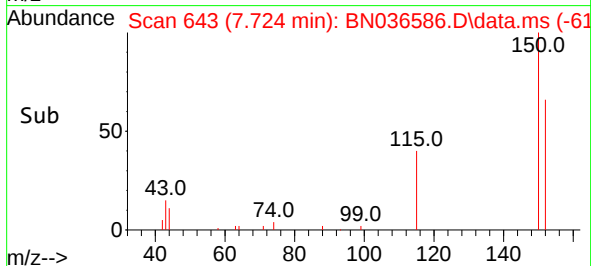
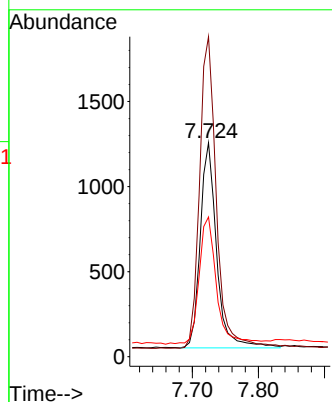
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.724 min Scan# 64
 Delta R.T. 0.000 min
 Lab File: BN036586.D
 Acq: 11 Mar 2025 17:57

Instrument :
 BNA_N
 ClientSampleId :
 RE125D2-20250307



Tgt Ion: 152 Resp: 2081

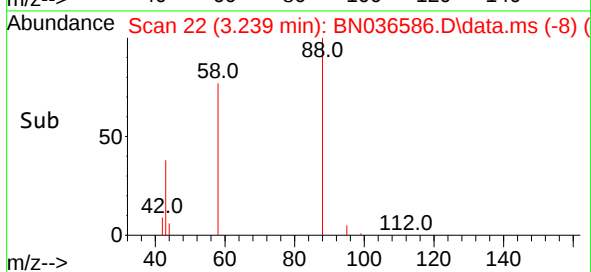
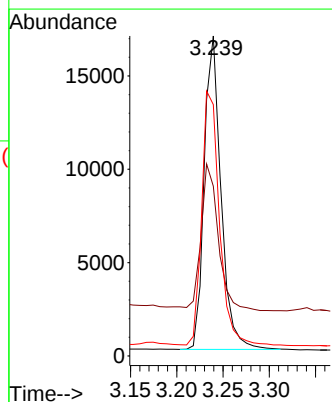
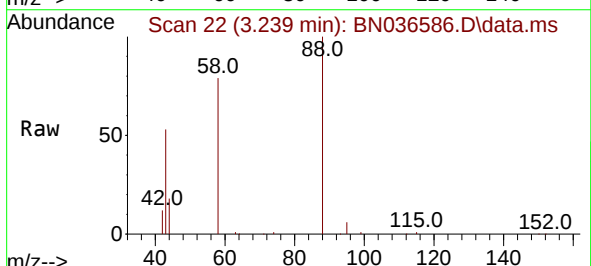
Ion	Ratio	Lower	Upper
152	100		
150	149.5	123.7	185.5
115	65.3	54.3	81.5

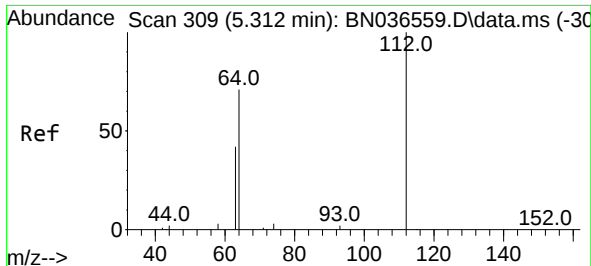


#2
 1,4-Dioxane
 Concen: 9.171 ng
 RT: 3.239 min Scan# 22
 Delta R.T. 0.000 min
 Lab File: BN036586.D
 Acq: 11 Mar 2025 17:57

Tgt Ion: 88 Resp: 21171

Ion	Ratio	Lower	Upper
88	100		
43	48.2	37.8	56.8
58	85.3	67.4	101.2

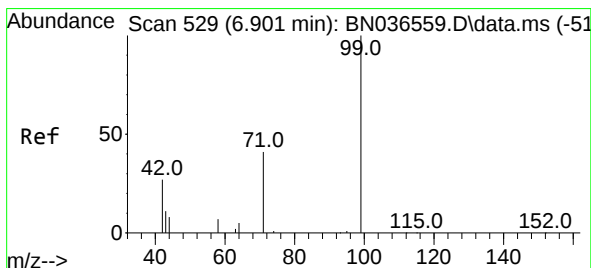
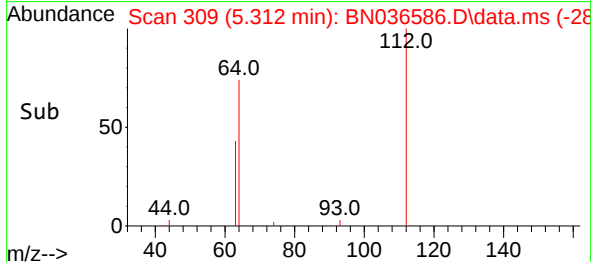
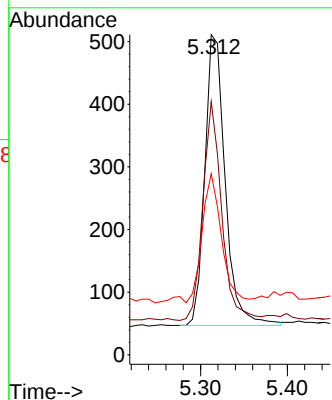
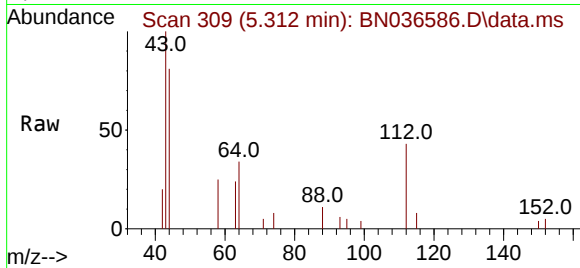




#4
2-Fluorophenol
Concen: 0.157 ng
RT: 5.312 min Scan# 309
Delta R.T. 0.000 min
Lab File: BN036586.D
Acq: 11 Mar 2025 17:57

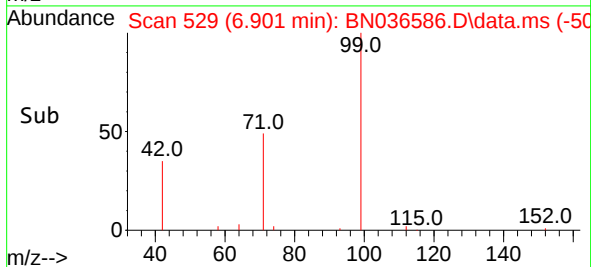
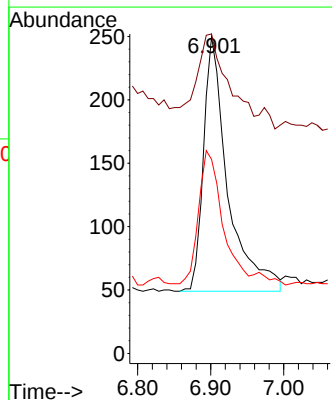
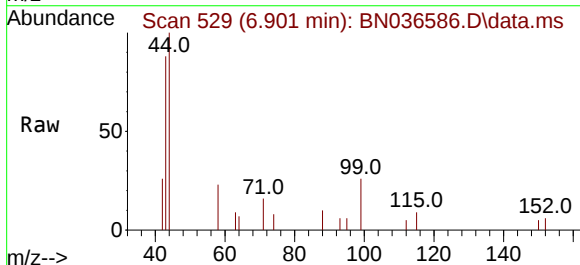
Instrument :
BNA_N
ClientSampleId :
RE125D2-20250307

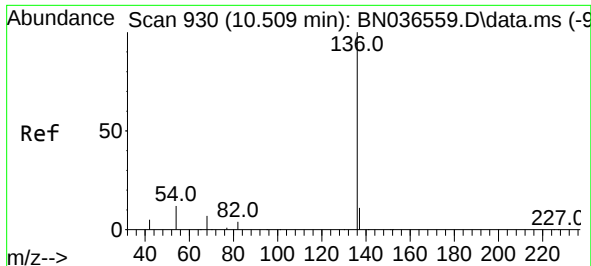
Tgt Ion:	112	Resp:	760
Ion	Ratio	Lower	Upper
112	100		
64	69.3	53.1	79.7
63	43.4	31.8	47.8



#5
Phenol-d6
Concen: 0.077 ng
RT: 6.901 min Scan# 529
Delta R.T. 0.000 min
Lab File: BN036586.D
Acq: 11 Mar 2025 17:57

Tgt Ion:	99	Resp:	464
Ion	Ratio	Lower	Upper
99	100		
42	39.9	26.5	39.7#
71	56.5	34.1	51.1#

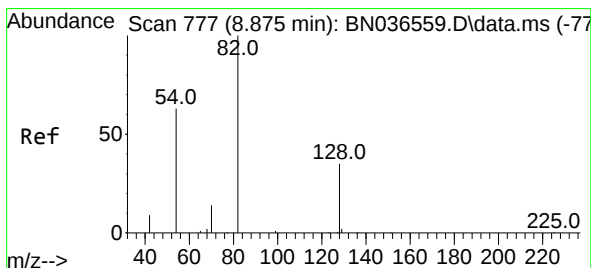
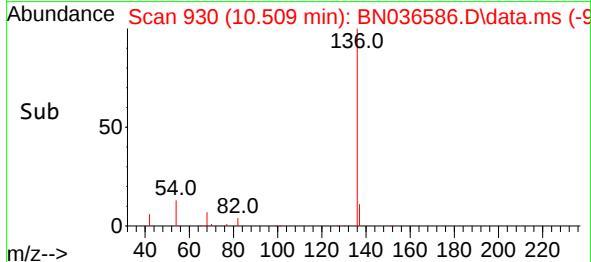
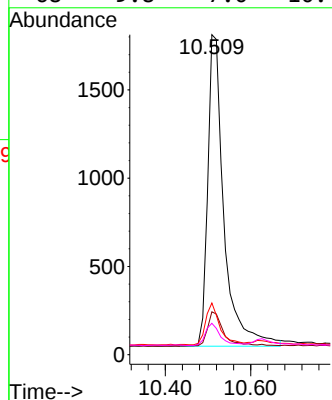
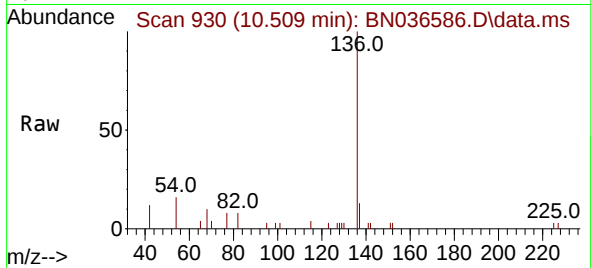




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN036586.D
Acq: 11 Mar 2025 17:57

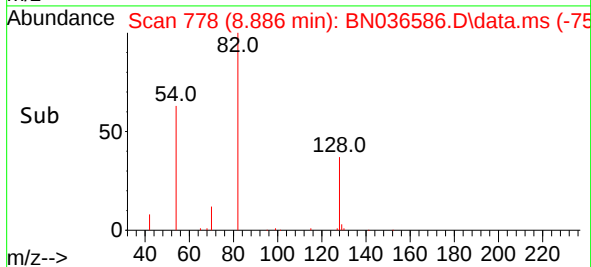
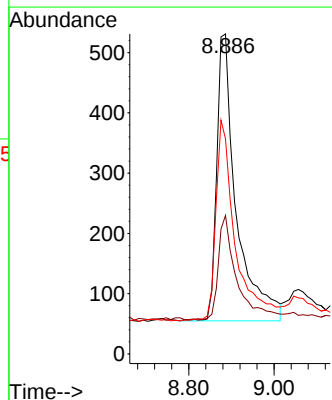
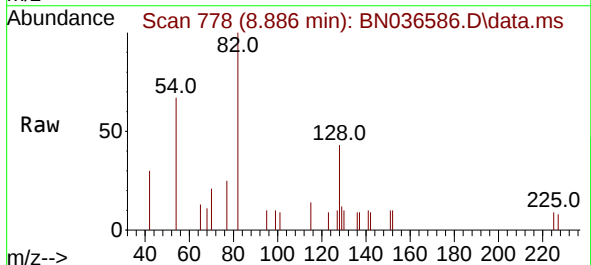
Instrument :
BNA_N
ClientSampleId :
RE125D2-20250307

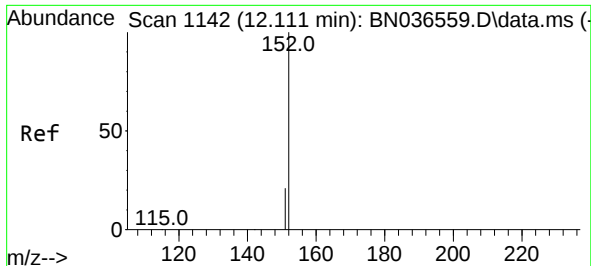
Tgt Ion:	136	Resp:	4659
Ion	Ratio	Lower	Upper
136	100		
137	13.4	10.3	15.5
54	16.2	11.5	17.3
68	9.8	7.0	10.4



#8
Nitrobenzene-d5
Concen: 0.300 ng
RT: 8.886 min Scan# 778
Delta R.T. 0.011 min
Lab File: BN036586.D
Acq: 11 Mar 2025 17:57

Tgt Ion:	82	Resp:	1519
Ion	Ratio	Lower	Upper
82	100		
128	43.3	30.6	45.8
54	67.2	52.2	78.4

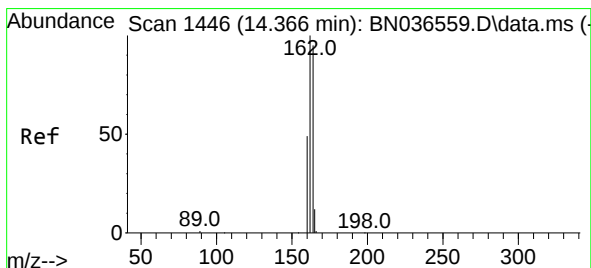
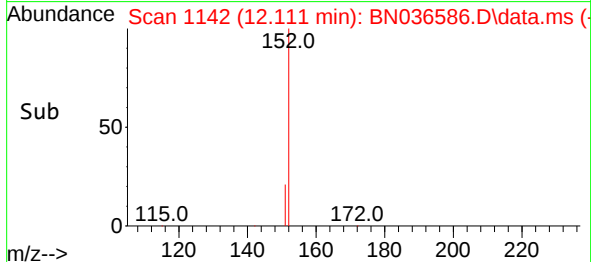
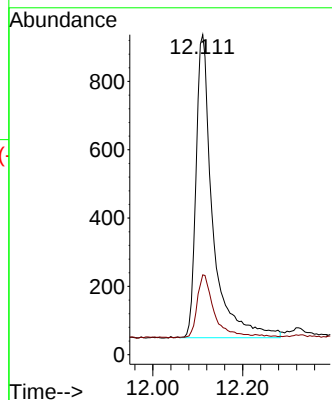
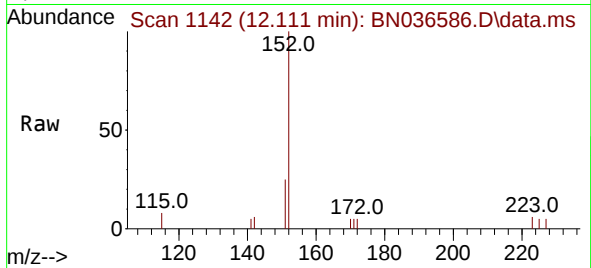




#11
2-Methylnaphthalene-d10
Concen: 0.330 ng
RT: 12.111 min Scan# 1142
Delta R.T. 0.000 min
Lab File: BN036586.D
Acq: 11 Mar 2025 17:57

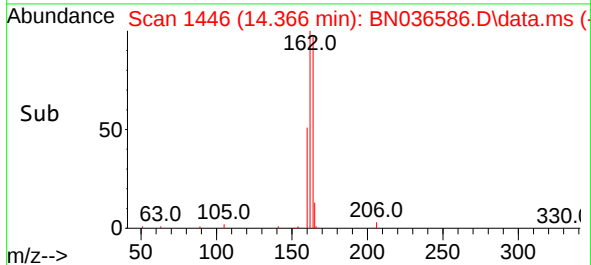
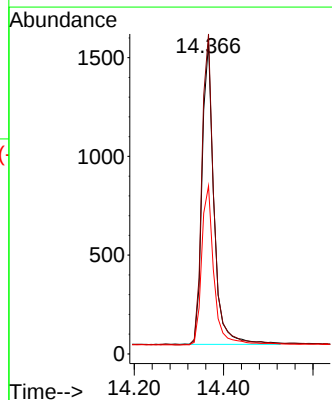
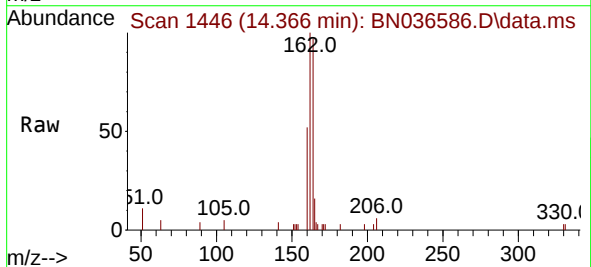
Instrument :
BNA_N
ClientSampleId :
RE125D2-20250307

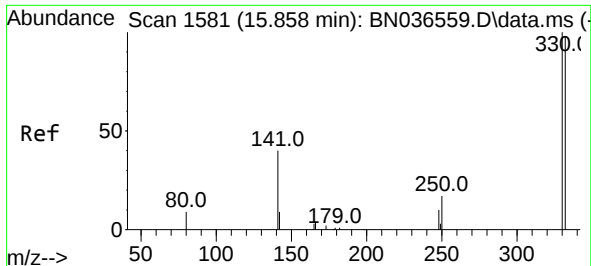
Tgt Ion:152 Resp: 2284
Ion Ratio Lower Upper
152 100
151 20.6 17.0 25.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.366 min Scan# 1446
Delta R.T. 0.000 min
Lab File: BN036586.D
Acq: 11 Mar 2025 17:57

Tgt Ion:164 Resp: 2830
Ion Ratio Lower Upper
164 100
162 102.9 84.2 126.2
160 54.0 42.2 63.2

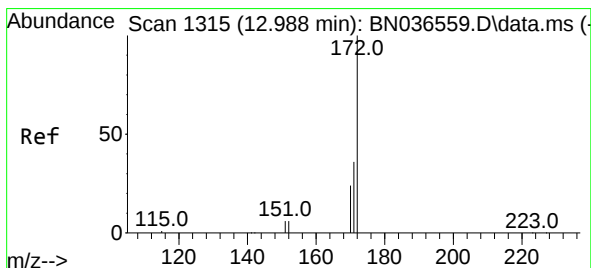
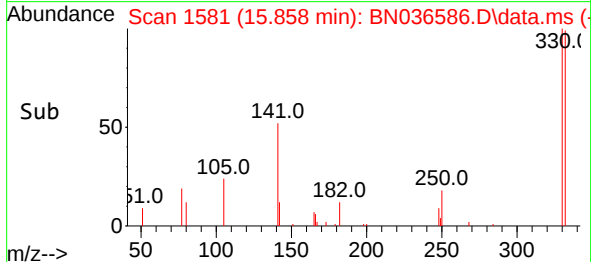
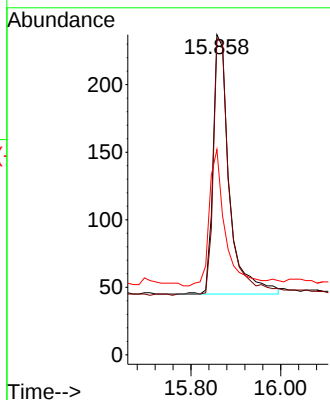
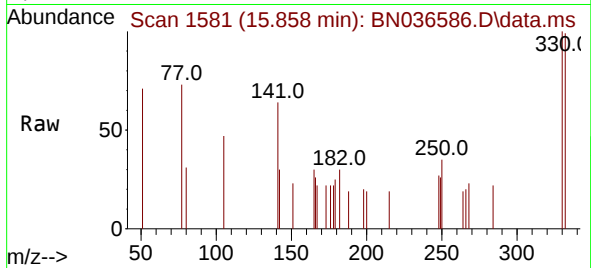




#14
2,4,6-Tribromophenol
Concen: 0.375 ng
RT: 15.858 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BN036586.D
Acq: 11 Mar 2025 17:57

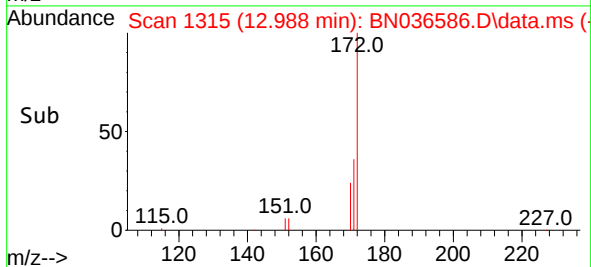
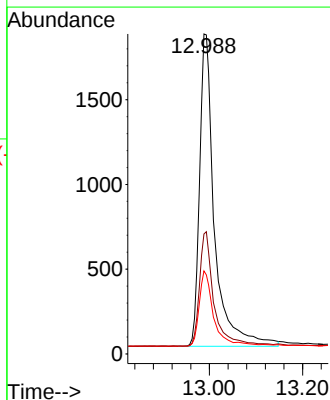
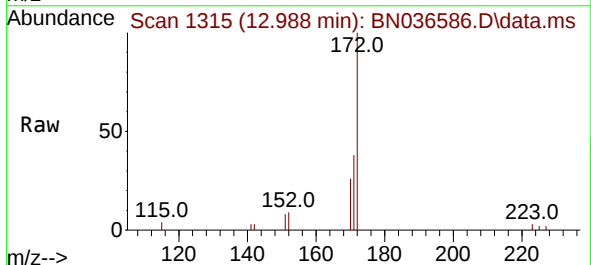
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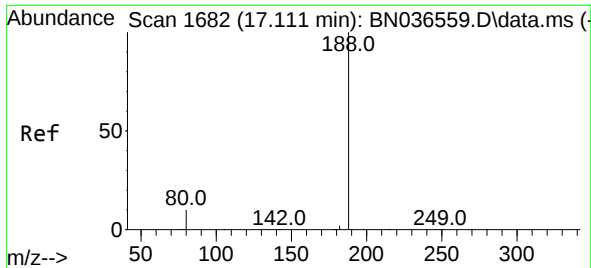
Tgt Ion:330 Resp: 482
Ion Ratio Lower Upper
330 100
332 95.9 75.2 112.8
141 51.7 43.4 65.2



#15
2-Fluorobiphenyl
Concen: 0.324 ng
RT: 12.988 min Scan# 1315
Delta R.T. 0.000 min
Lab File: BN036586.D
Acq: 11 Mar 2025 17:57

Tgt Ion:172 Resp: 5327
Ion Ratio Lower Upper
172 100
171 37.5 29.5 44.3
170 26.0 20.2 30.4

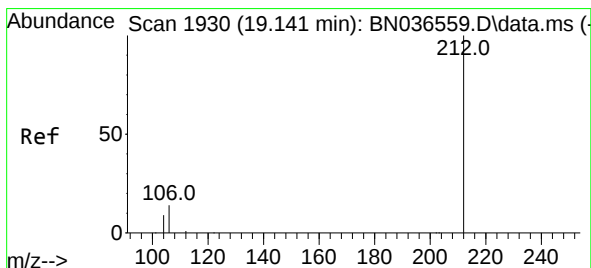
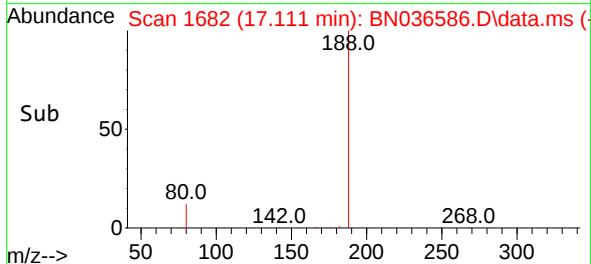
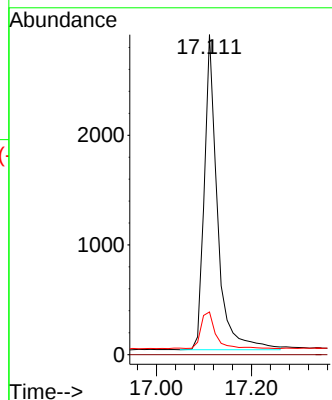
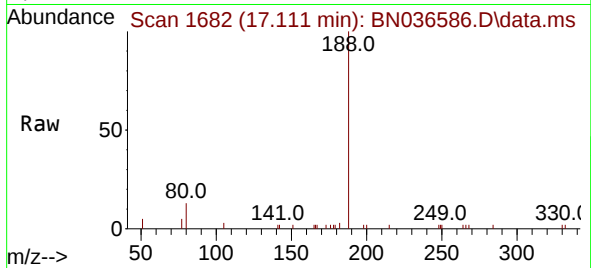




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.111 min Scan# 1682
Delta R.T. 0.000 min
Lab File: BN036586.D
Acq: 11 Mar 2025 17:57

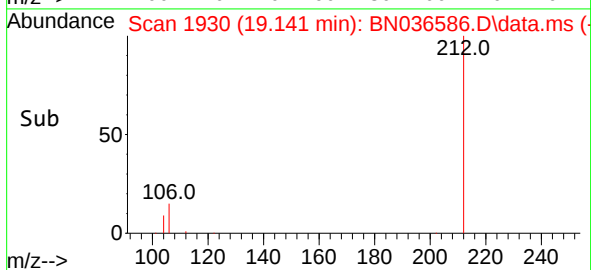
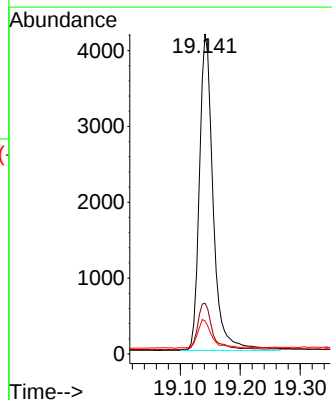
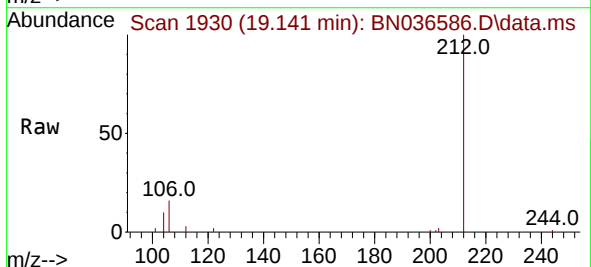
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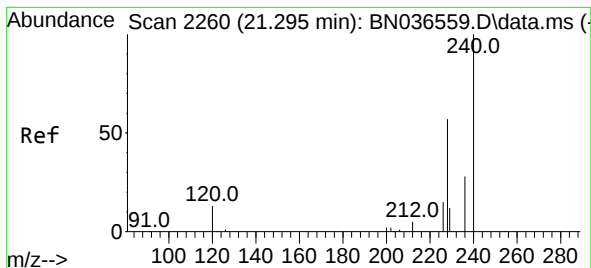
Tgt Ion:188 Resp: 5539
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.3 8.8 13.2#



#27
Fluoranthene-d10
Concen: 0.468 ng
RT: 19.141 min Scan# 1930
Delta R.T. 0.000 min
Lab File: BN036586.D
Acq: 11 Mar 2025 17:57

Tgt Ion:212 Resp: 6651
Ion Ratio Lower Upper
212 100
106 15.8 11.8 17.6
104 9.4 7.3 10.9





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.304 min Scan# 21

Delta R.T. 0.009 min

Lab File: BN036586.D

Acq: 11 Mar 2025 17:57

Instrument :

BNA_N

ClientSampleId :

RE125D2-20250307

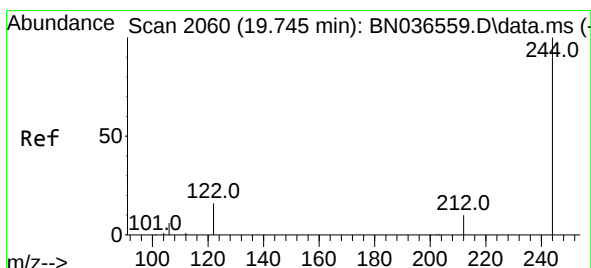
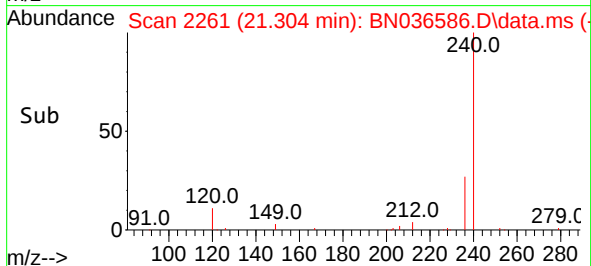
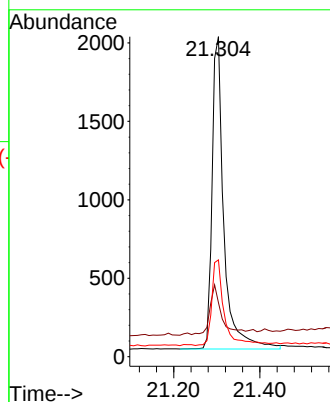
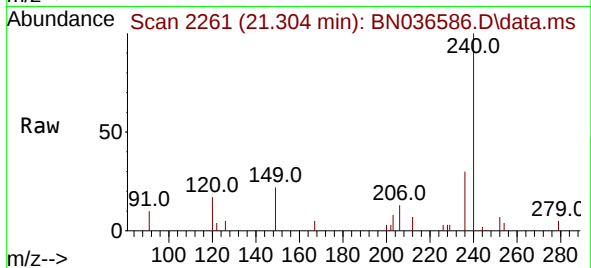
Tgt Ion:240 Resp: 3781

Ion Ratio Lower Upper

240 100

120 16.9 14.6 22.0

236 30.2 24.1 36.1



#31

Terphenyl-d14

Concen: 0.522 ng

RT: 19.740 min Scan# 2059

Delta R.T. -0.004 min

Lab File: BN036586.D

Acq: 11 Mar 2025 17:57

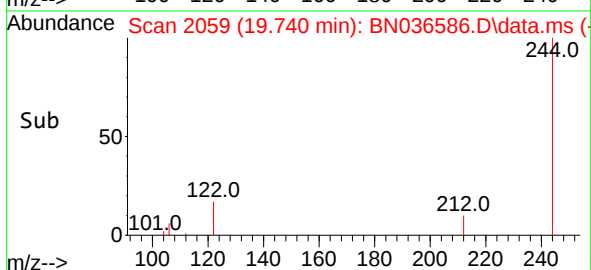
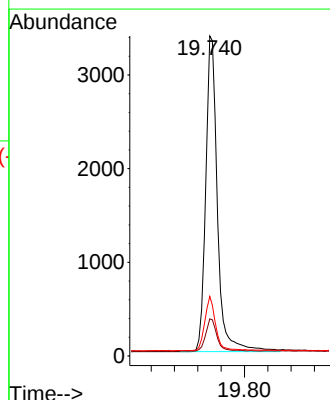
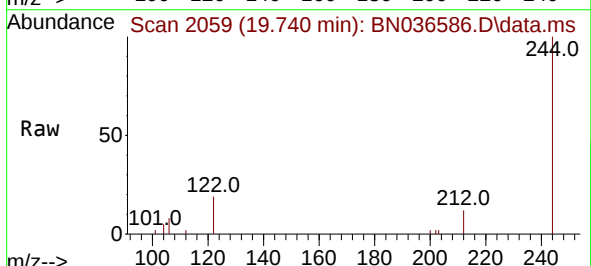
Tgt Ion:244 Resp: 4730

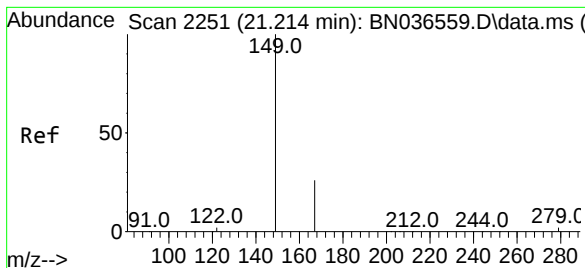
Ion Ratio Lower Upper

244 100

212 11.6 9.6 14.4

122 18.6 13.9 20.9

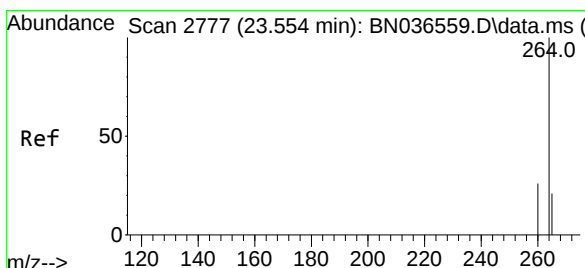
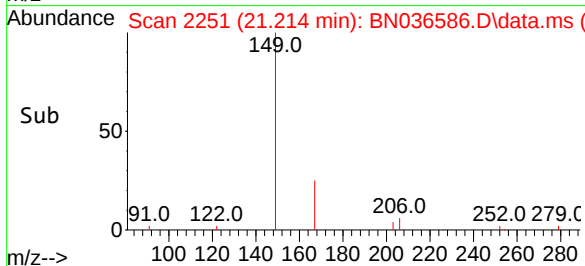
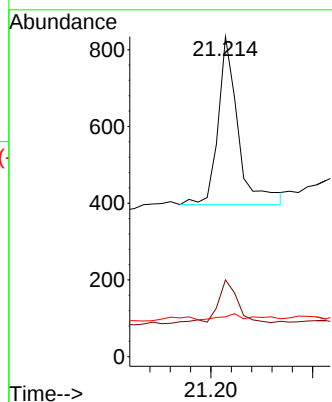
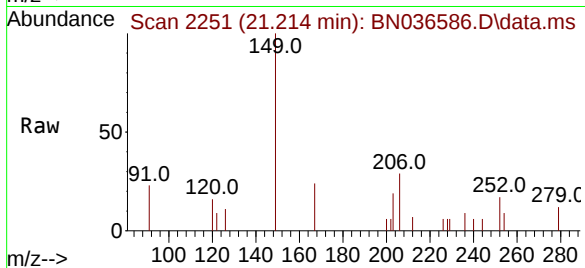




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.064 ng
 RT: 21.214 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN036586.D
 Acq: 11 Mar 2025 17:57

Instrument :
 BNA_N
 ClientSampleId :
 RE125D2-20250307

Tgt Ion:	149	Resp:	600
Ion Ratio	Lower	Upper	
149	100		
167	23.7	20.7	31.1
279	4.3	3.6	5.4



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.554 min Scan# 2777
 Delta R.T. 0.000 min
 Lab File: BN036586.D
 Acq: 11 Mar 2025 17:57

Tgt Ion:	264	Resp:	3024
Ion Ratio	Lower	Upper	
264	100		
260	26.6	22.6	33.8
265	128.3	88.1	132.1

