

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081925\
 Data File : BN037626.D
 Acq On : 20 Aug 2025 09:00
 Operator : RC/JU
 Sample : Q2882-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP201-20250814

Quant Time: Aug 21 04:12:45 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 13 05:00:58 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

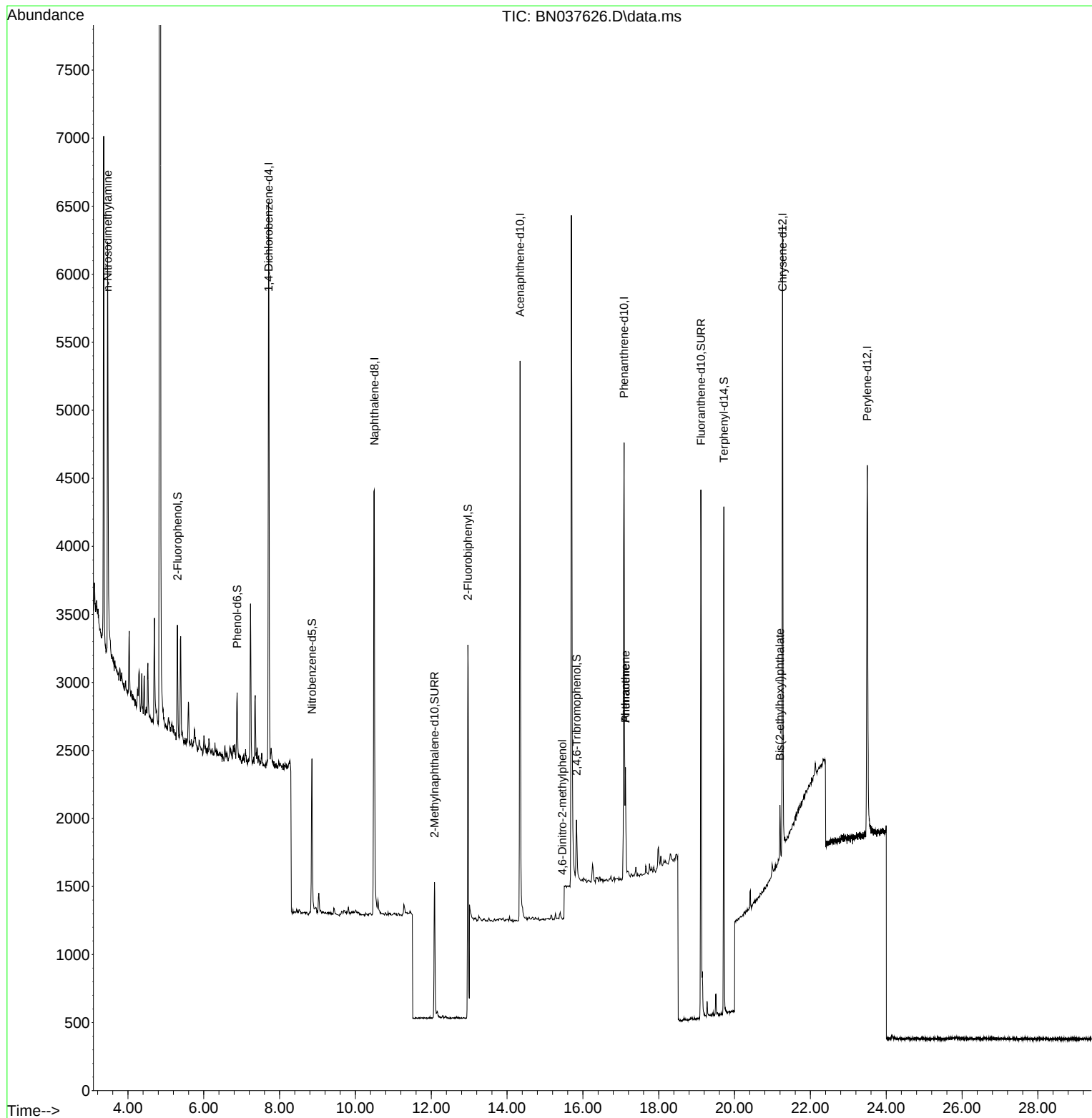
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	2063	0.400	ng	0.00
7) Naphthalene-d8	10.498	136	4828	0.400	ng	0.00
13) Acenaphthene-d10	14.345	164	2403	0.400	ng	0.00
19) Phenanthrene-d10	17.086	188	4952	0.400	ng	0.00
29) Chrysene-d12	21.268	240	4324	0.400	ng	# 0.00
35) Perylene-d12	23.499	264	3926	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.305	112	611	0.131	ng	0.00
5) Phenol-d6	6.879	99	420	0.075	ng	0.00
8) Nitrobenzene-d5	8.854	82	1002	0.295	ng	0.00
11) 2-Methylnaphthalene-d10	12.085	152	1521	0.232	ng	0.00
14) 2,4,6-Tribromophenol	15.833	330	305	0.290	ng	0.00
15) 2-Fluorobiphenyl	12.968	172	3661	0.263	ng	0.00
27) Fluoranthene-d10	19.113	212	4320	0.332	ng	0.00
31) Terphenyl-d14	19.717	244	3447	0.387	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.463	42	643	0.255	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.457	198	1	0.182	ng	# 1
25) Phenanthrene	17.124	178	766	0.051	ng	95
26) Anthracene	17.124	178	748	0.056	ng	# 94
34) Bis(2-ethylhexyl)phtha...	21.196	149	444	0.074	ng	# 91

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081925\
Data File : BN037626.D
Acq On : 20 Aug 2025 09:00
Operator : RC/JU
Sample : Q2882-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RW7-SP201-20250814

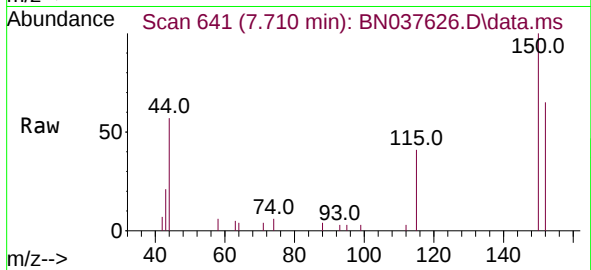
Quant Time: Aug 21 04:12:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 13 05:00:58 2025
Response via : Initial Calibration



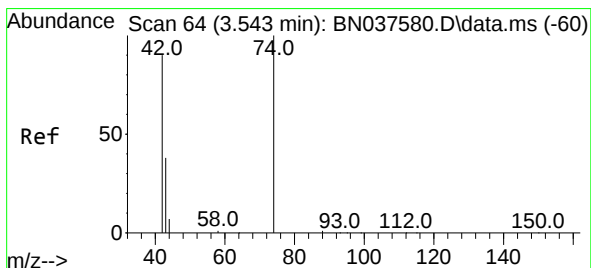
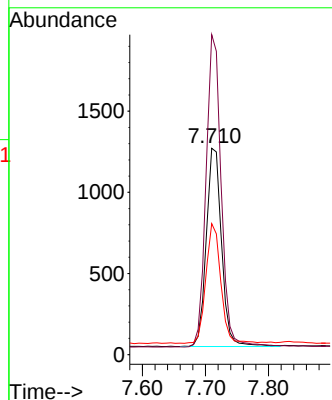
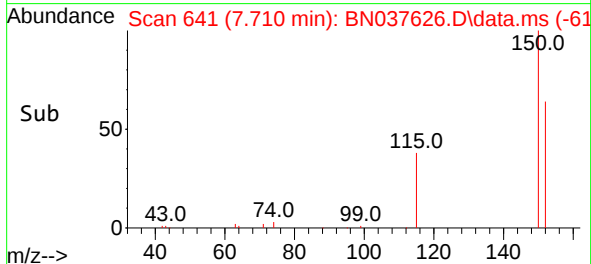


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.710 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN037626.D
Acq: 20 Aug 2025 09:00

Instrument :
BNA_N
ClientSampleId :
RW7-SP201-20250814

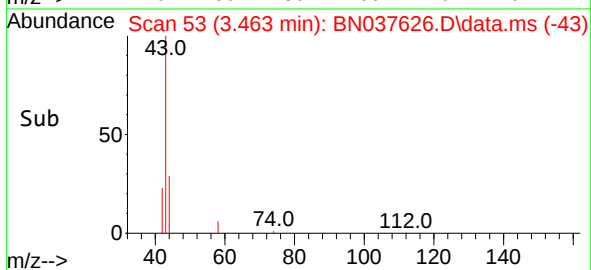
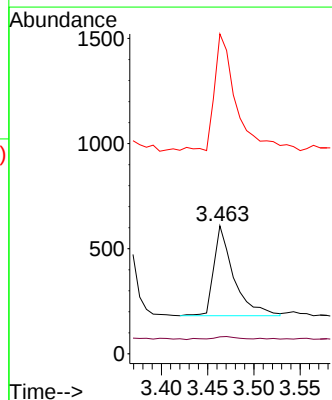
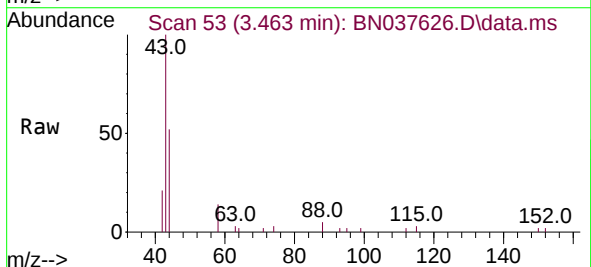


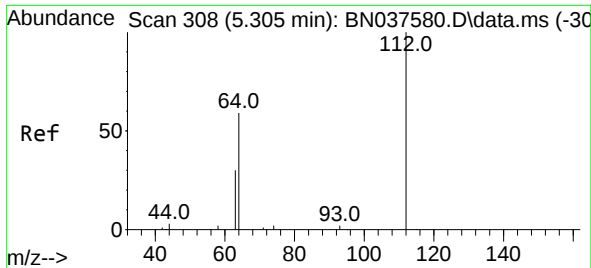
Tgt Ion:152 Resp: 2063
Ion Ratio Lower Upper
152 100
150 155.0 122.2 183.4
115 63.4 49.8 74.6



#3
n-Nitrosodimethylamine
Concen: 0.255 ng
RT: 3.463 min Scan# 53
Delta R.T. -0.079 min
Lab File: BN037626.D
Acq: 20 Aug 2025 09:00

Tgt Ion: 42 Resp: 643
Ion Ratio Lower Upper
42 100
74 4.5 82.0 123.0#
44 139.8 7.9 11.9#

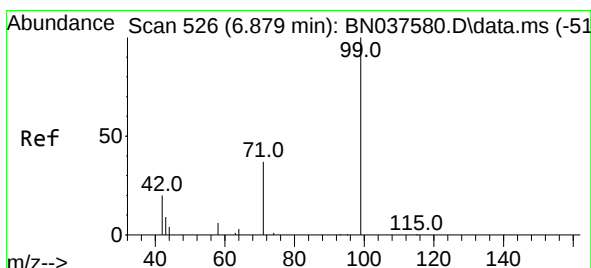
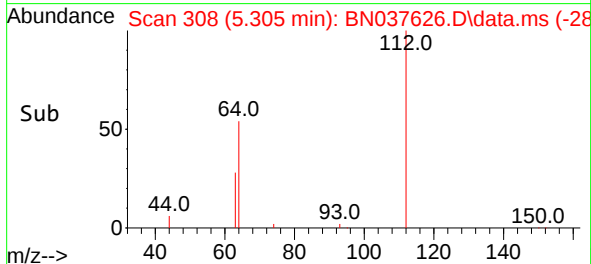
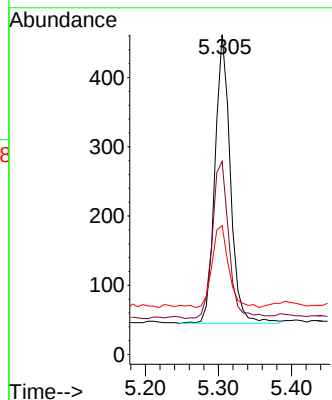
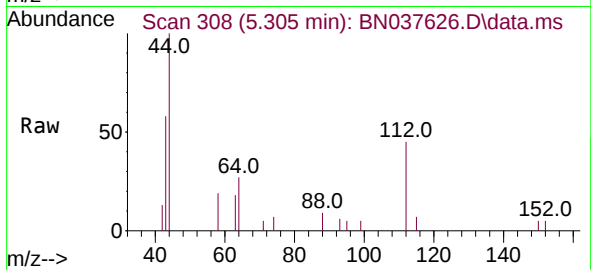




#4
2-Fluorophenol
Concen: 0.131 ng
RT: 5.305 min Scan# 308
Delta R.T. 0.000 min
Lab File: BN037626.D
Acq: 20 Aug 2025 09:00

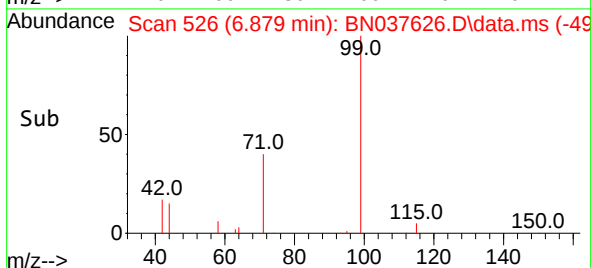
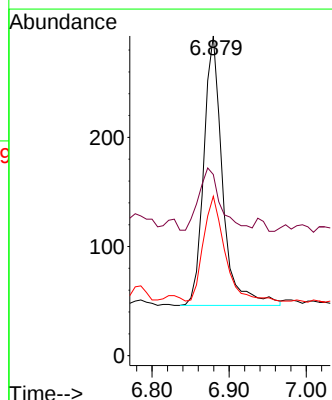
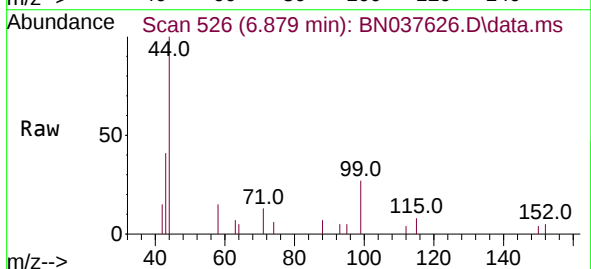
Instrument :
BNA_N
ClientSampleId :
RW7-SP201-20250814

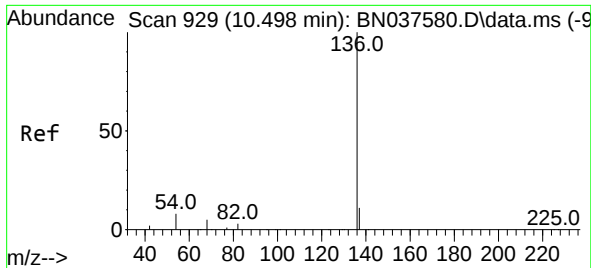
Tgt Ion:	112	Resp:	611
Ion	Ratio	Lower	Upper
112	100		
64	58.6	44.9	67.3
63	30.3	23.4	35.2



#5
Phenol-d6
Concen: 0.075 ng
RT: 6.879 min Scan# 526
Delta R.T. 0.000 min
Lab File: BN037626.D
Acq: 20 Aug 2025 09:00

Tgt Ion:	99	Resp:	420
Ion	Ratio	Lower	Upper
99	100		
42	26.2	18.5	27.7
71	44.0	28.6	42.8

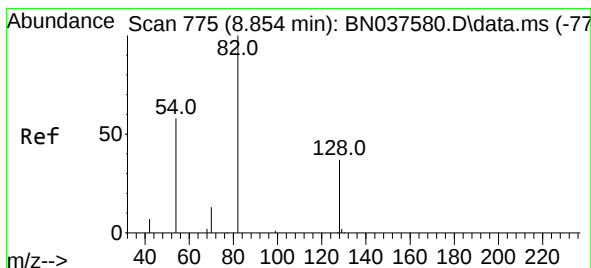
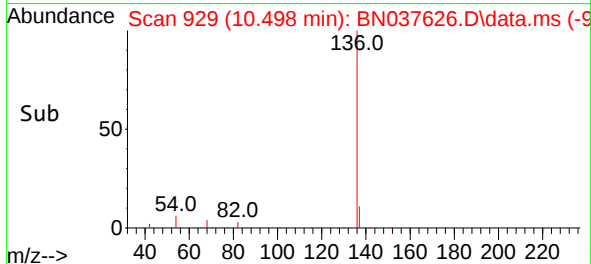
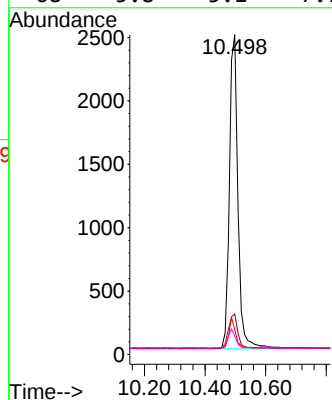
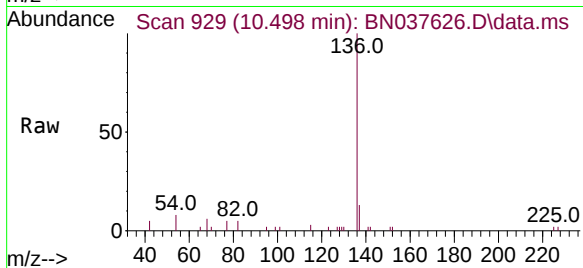




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.498 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN037626.D
Acq: 20 Aug 2025 09:00

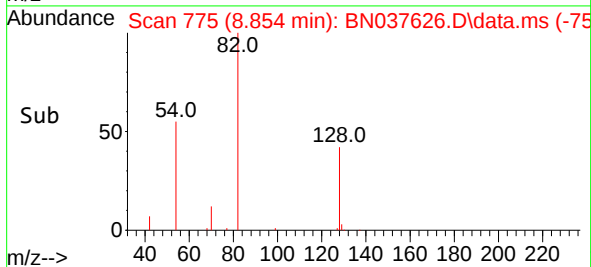
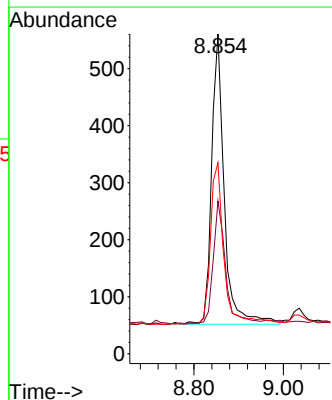
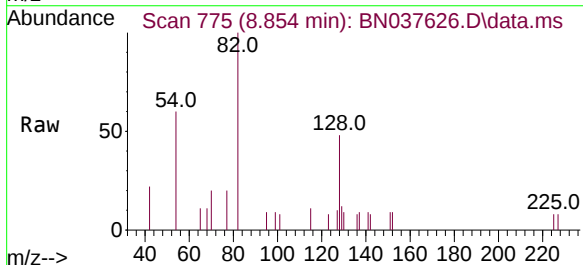
Instrument :
BNA_N
ClientSampleId :
RW7-SP201-20250814

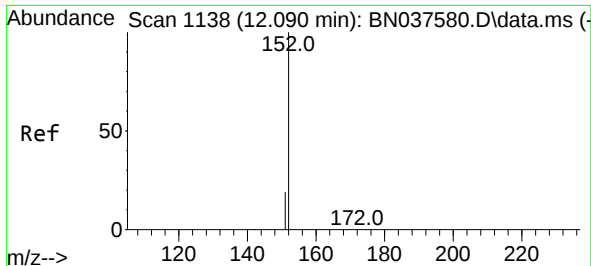
Tgt Ion:	136	Resp:	4828
Ion	Ratio	Lower	Upper
136	100		
137	12.7	9.5	14.3
54	7.8	7.3	10.9
68	5.8	5.1	7.7



#8
Nitrobenzene-d5
Concen: 0.295 ng
RT: 8.854 min Scan# 775
Delta R.T. 0.000 min
Lab File: BN037626.D
Acq: 20 Aug 2025 09:00

Tgt Ion:	82	Resp:	1002
Ion	Ratio	Lower	Upper
82	100		
128	47.8	32.6	48.8
54	59.7	48.9	73.3

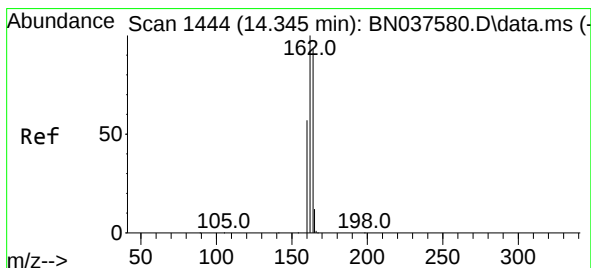
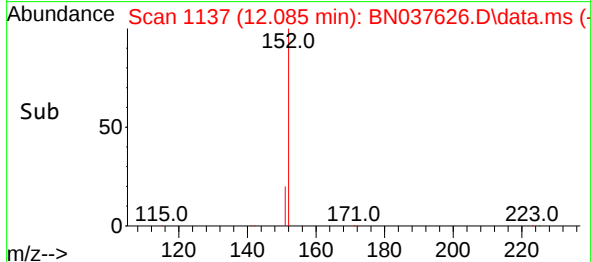
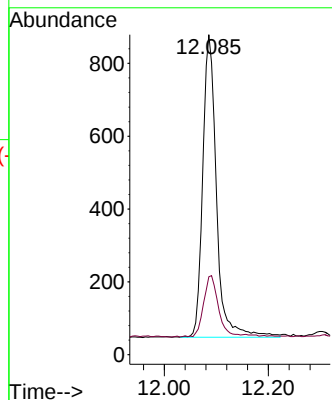
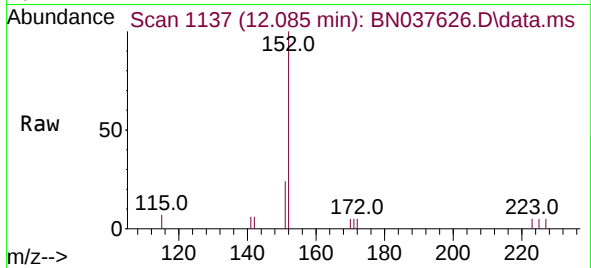




#11
2-Methylnaphthalene-d10
Concen: 0.232 ng
RT: 12.085 min Scan# 1138
Delta R.T. -0.005 min
Lab File: BN037626.D
Acq: 20 Aug 2025 09:00

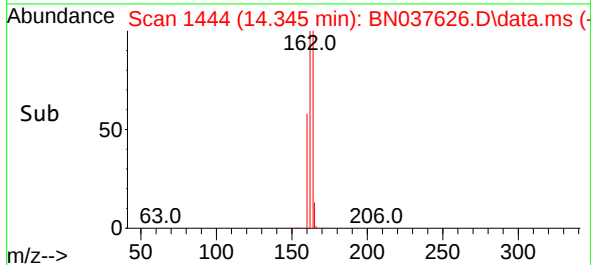
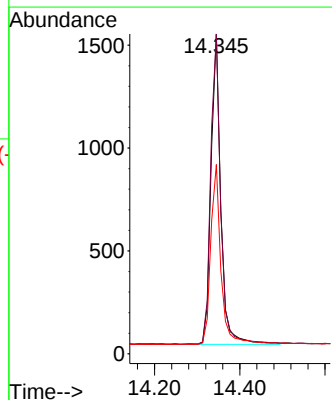
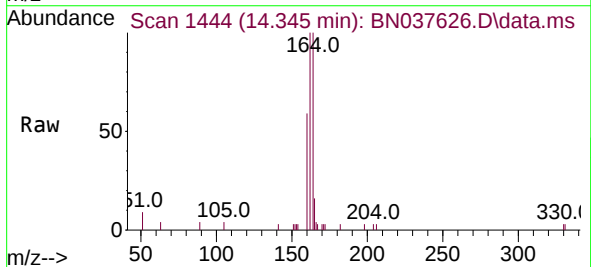
Instrument :
BNA_N
ClientSampleId :
RW7-SP201-20250814

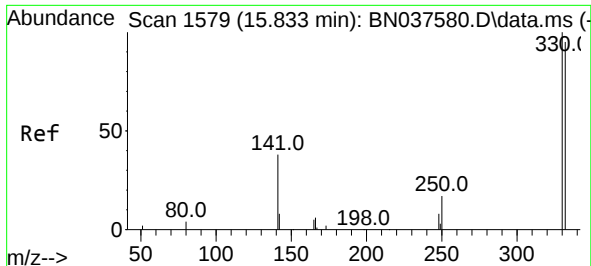
Tgt Ion:152 Resp: 1521
Ion Ratio Lower Upper
152 100
151 21.2 17.3 25.9



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.345 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BN037626.D
Acq: 20 Aug 2025 09:00

Tgt Ion:164 Resp: 2403
Ion Ratio Lower Upper
164 100
162 99.9 85.5 128.3
160 59.2 49.5 74.3

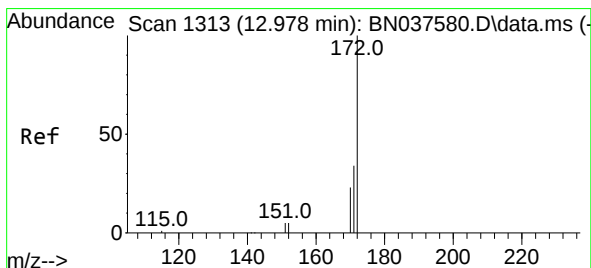
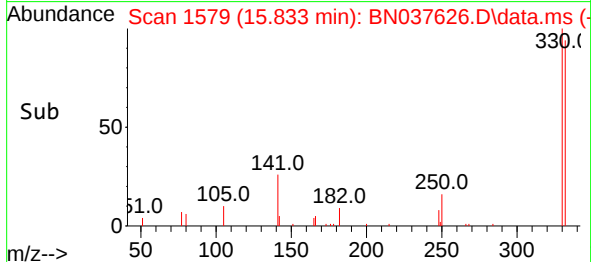
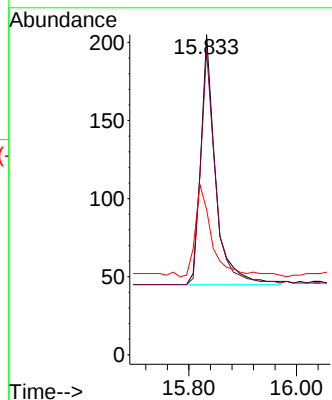
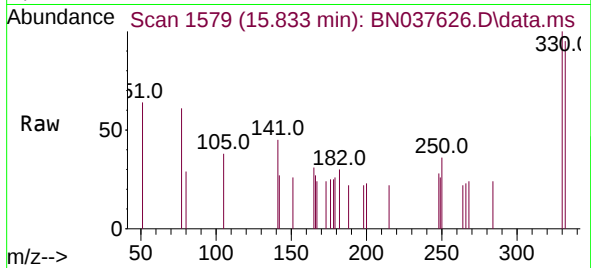




#14
2,4,6-Tribromophenol
Concen: 0.290 ng
RT: 15.833 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN037626.D
Acq: 20 Aug 2025 09:00

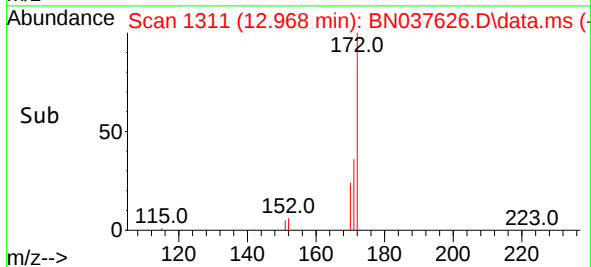
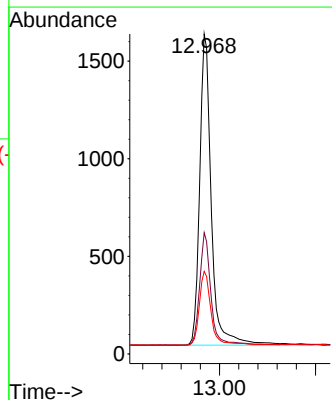
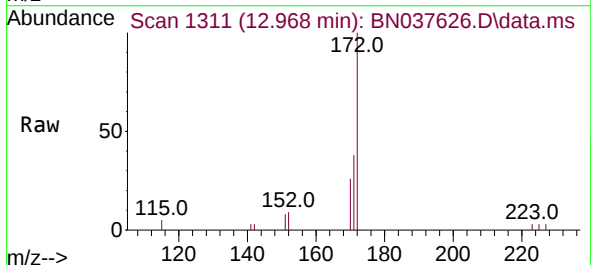
Instrument :
BNA_N
ClientSampleId :
RW7-SP201-20250814

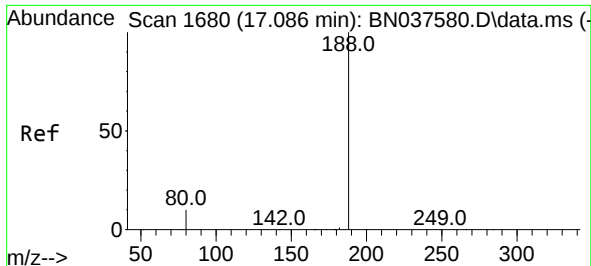
Tgt Ion:	330	Resp:	305
Ion Ratio	Lower	Upper	
330	100		
332	94.1	77.4	116.0
141	42.6	30.9	46.3



#15
2-Fluorobiphenyl
Concen: 0.263 ng
RT: 12.968 min Scan# 1311
Delta R.T. -0.010 min
Lab File: BN037626.D
Acq: 20 Aug 2025 09:00

Tgt Ion:	172	Resp:	3661
Ion Ratio	Lower	Upper	
172	100		
171	37.9	28.2	42.4
170	25.8	19.2	28.8

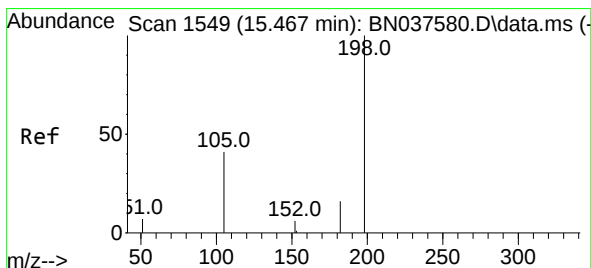
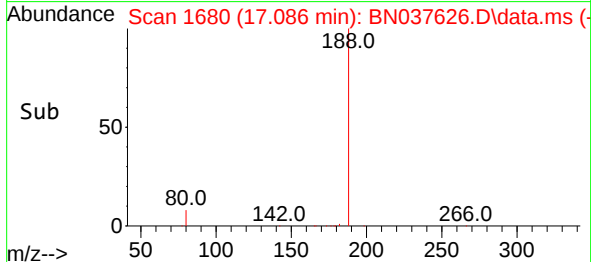
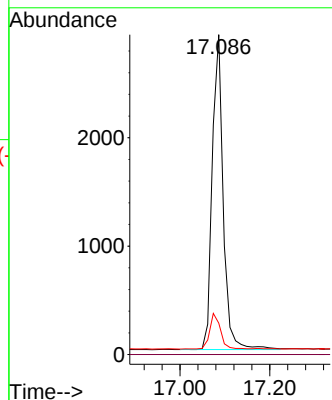
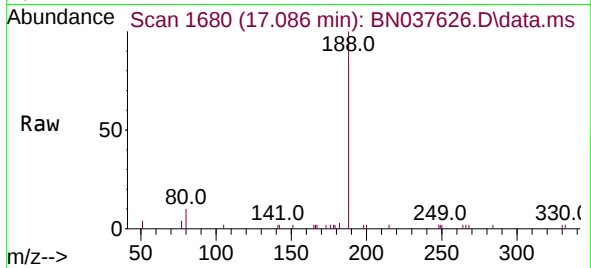




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.086 min Scan# 1680
Delta R.T. 0.000 min
Lab File: BN037626.D
Acq: 20 Aug 2025 09:00

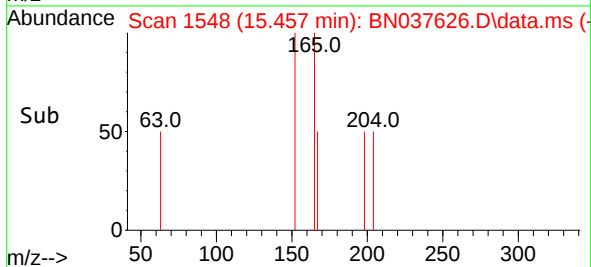
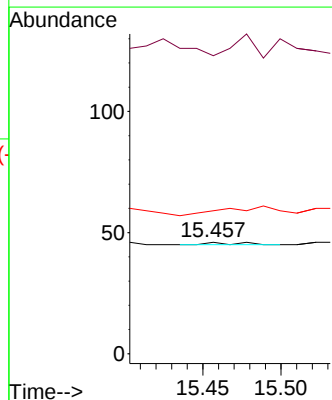
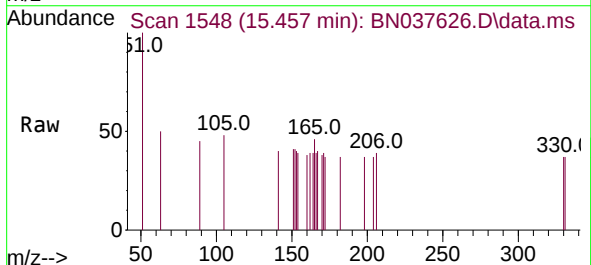
Instrument :
BNA_N
ClientSampleId :
RW7-SP201-20250814

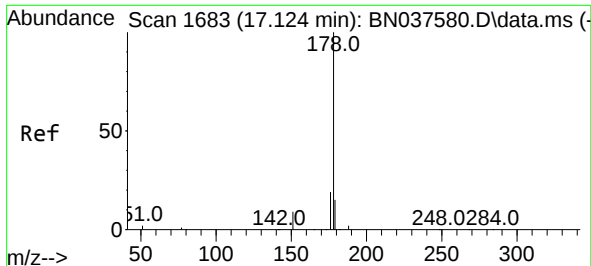
Tgt Ion:188 Resp: 4952
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.8 9.1 13.7



#20
4,6-Dinitro-2-methylphenol
Concen: 0.182 ng
RT: 15.457 min Scan# 1548
Delta R.T. -0.010 min
Lab File: BN037626.D
Acq: 20 Aug 2025 09:00

Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 267.4 81.0 121.6#
105 128.3 52.5 78.7#

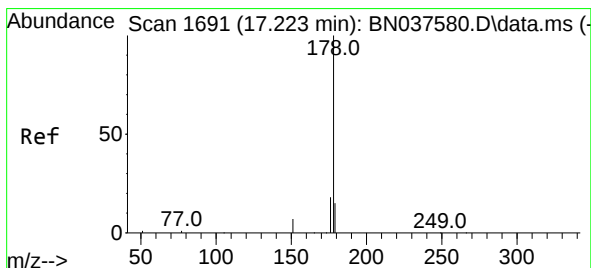
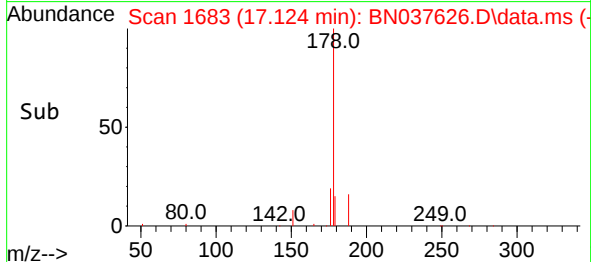
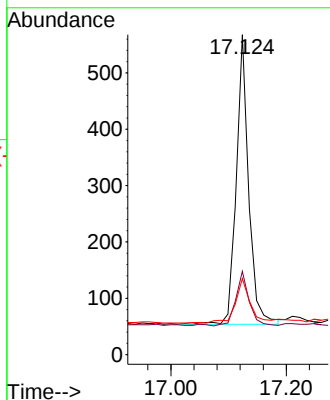
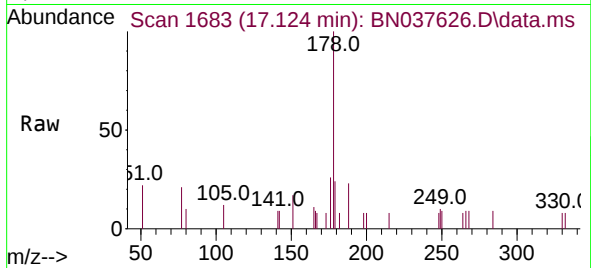




#25
Phenanthrene
Concen: 0.051 ng
RT: 17.124 min Scan# 1683
Delta R.T. 0.000 min
Lab File: BN037626.D
Acq: 20 Aug 2025 09:00

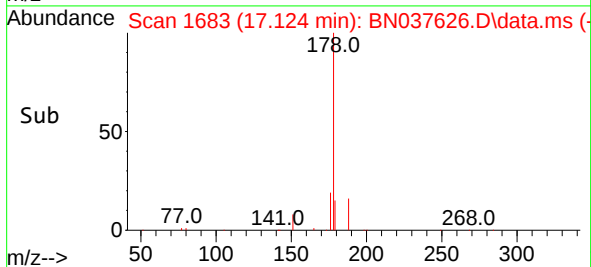
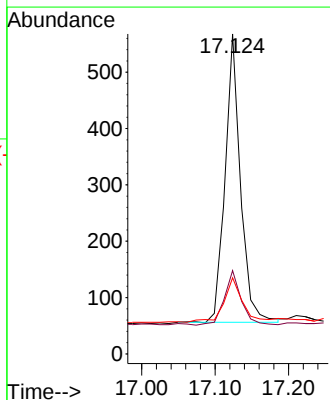
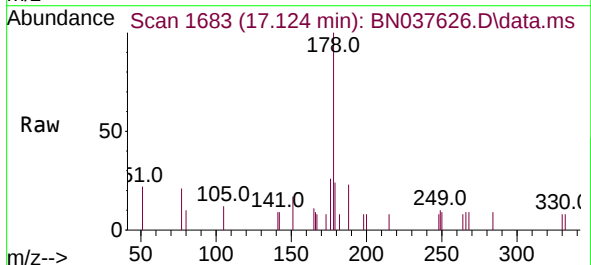
Instrument :
BNA_N
ClientSampleId :
RW7-SP201-20250814

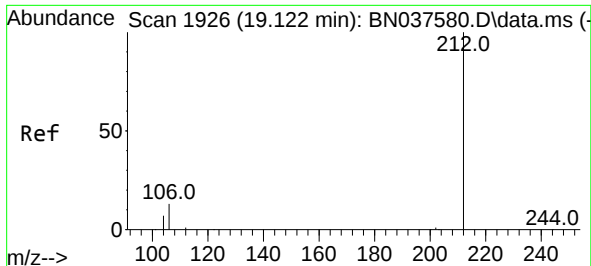
Tgt Ion:	178	Resp:	766
Ion Ratio	Lower	Upper	
178	100		
176	20.2	15.0	22.6
179	18.3	12.3	18.5



#26
Anthracene
Concen: 0.056 ng
RT: 17.124 min Scan# 1683
Delta R.T. -0.099 min
Lab File: BN037626.D
Acq: 20 Aug 2025 09:00

Tgt Ion:	178	Resp:	748
Ion Ratio	Lower	Upper	
178	100		
176	20.7	14.7	22.1
179	18.6	12.3	18.5

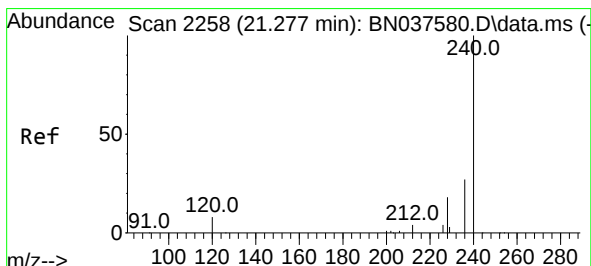
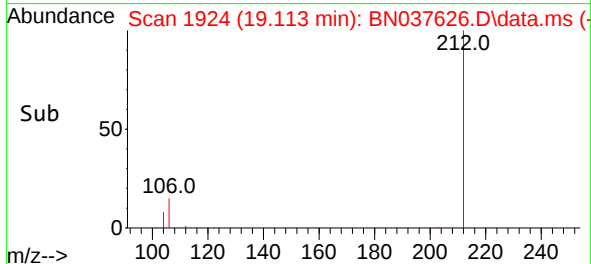
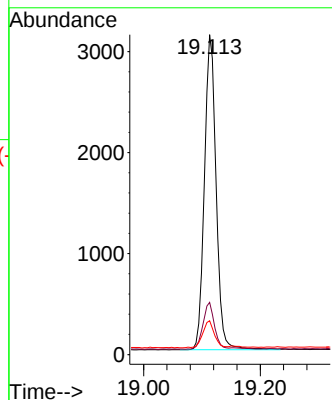
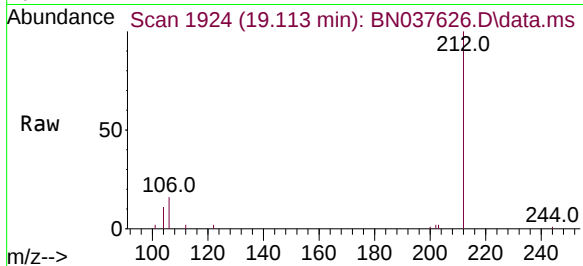




#27
Fluoranthene-d10
Concen: 0.332 ng
RT: 19.113 min Scan# 19
Delta R.T. -0.009 min
Lab File: BN037626.D
Acq: 20 Aug 2025 09:00

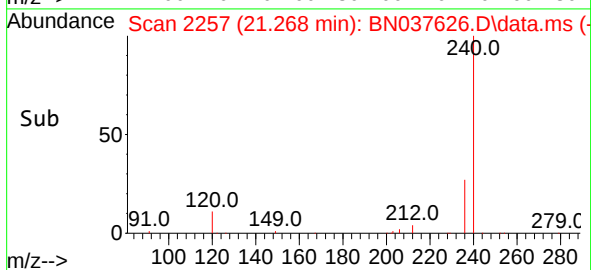
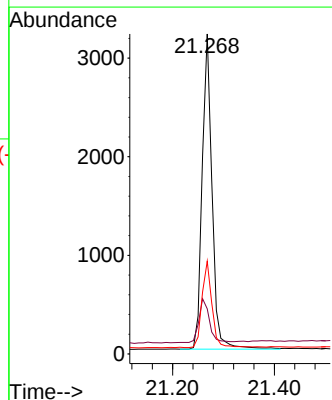
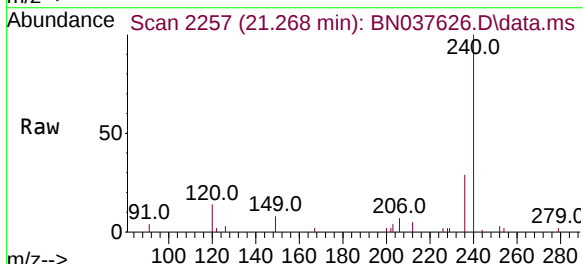
Instrument :
BNA_N
ClientSampleId :
RW7-SP201-20250814

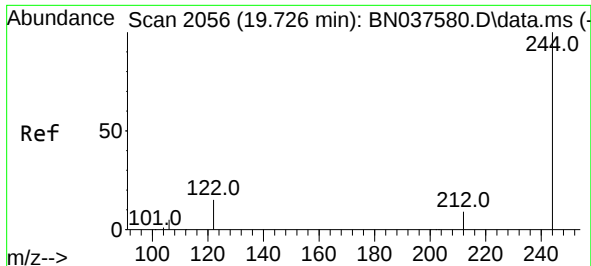
Tgt Ion:212 Resp: 4320
Ion Ratio Lower Upper
212 100
106 14.5 11.5 17.3
104 8.4 6.6 9.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.268 min Scan# 2257
Delta R.T. -0.009 min
Lab File: BN037626.D
Acq: 20 Aug 2025 09:00

Tgt Ion:240 Resp: 4324
Ion Ratio Lower Upper
240 100
120 14.1 8.9 13.3#
236 29.0 22.6 33.8

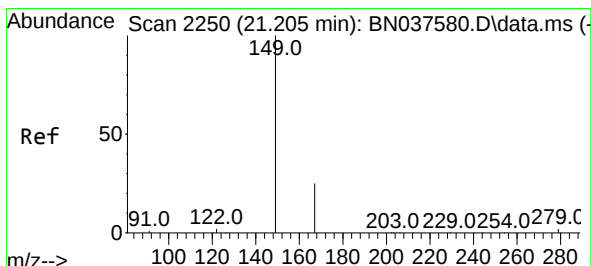
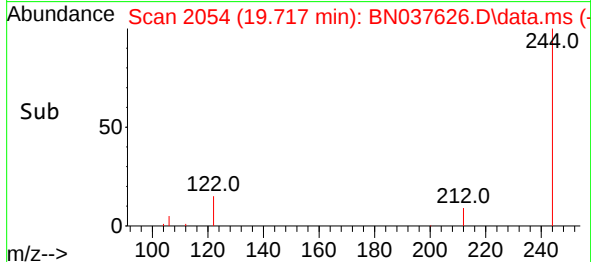
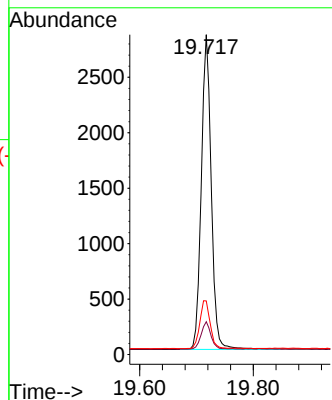
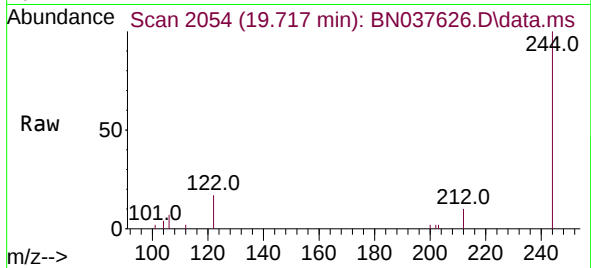




#31
 Terphenyl-d14
 Concen: 0.387 ng
 RT: 19.717 min Scan# 2054
 Delta R.T. -0.009 min
 Lab File: BN037626.D
 Acq: 20 Aug 2025 09:00

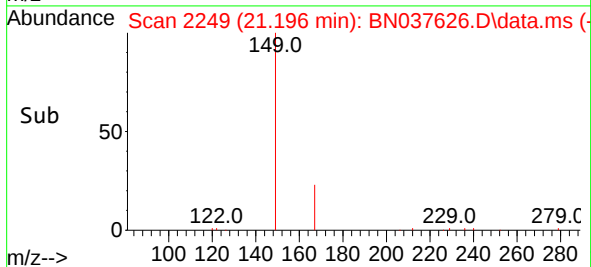
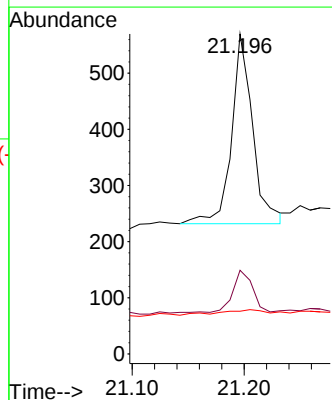
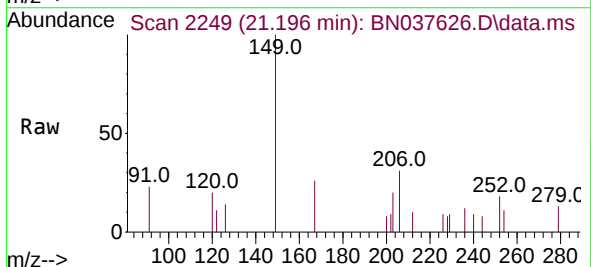
Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP201-20250814

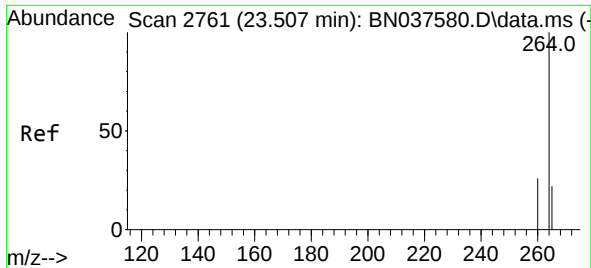
Tgt Ion:244 Resp: 3447
 Ion Ratio Lower Upper
 244 100
 212 10.3 8.2 12.2
 122 16.7 13.2 19.8



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.074 ng
 RT: 21.196 min Scan# 2249
 Delta R.T. -0.009 min
 Lab File: BN037626.D
 Acq: 20 Aug 2025 09:00

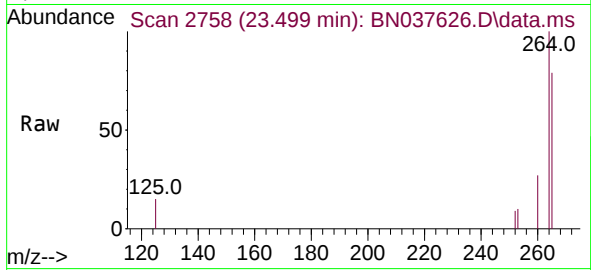
Tgt Ion:149 Resp: 444
 Ion Ratio Lower Upper
 149 100
 167 20.9 20.5 30.7
 279 7.2 2.6 4.0#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.499 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN037626.D
 Acq: 20 Aug 2025 09:00

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP201-20250814



Tgt Ion:264 Resp: 3926

Ion	Ratio	Lower	Upper
264	100		
260	27.4	21.6	32.4
265	79.4	48.2	72.4#

