

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)

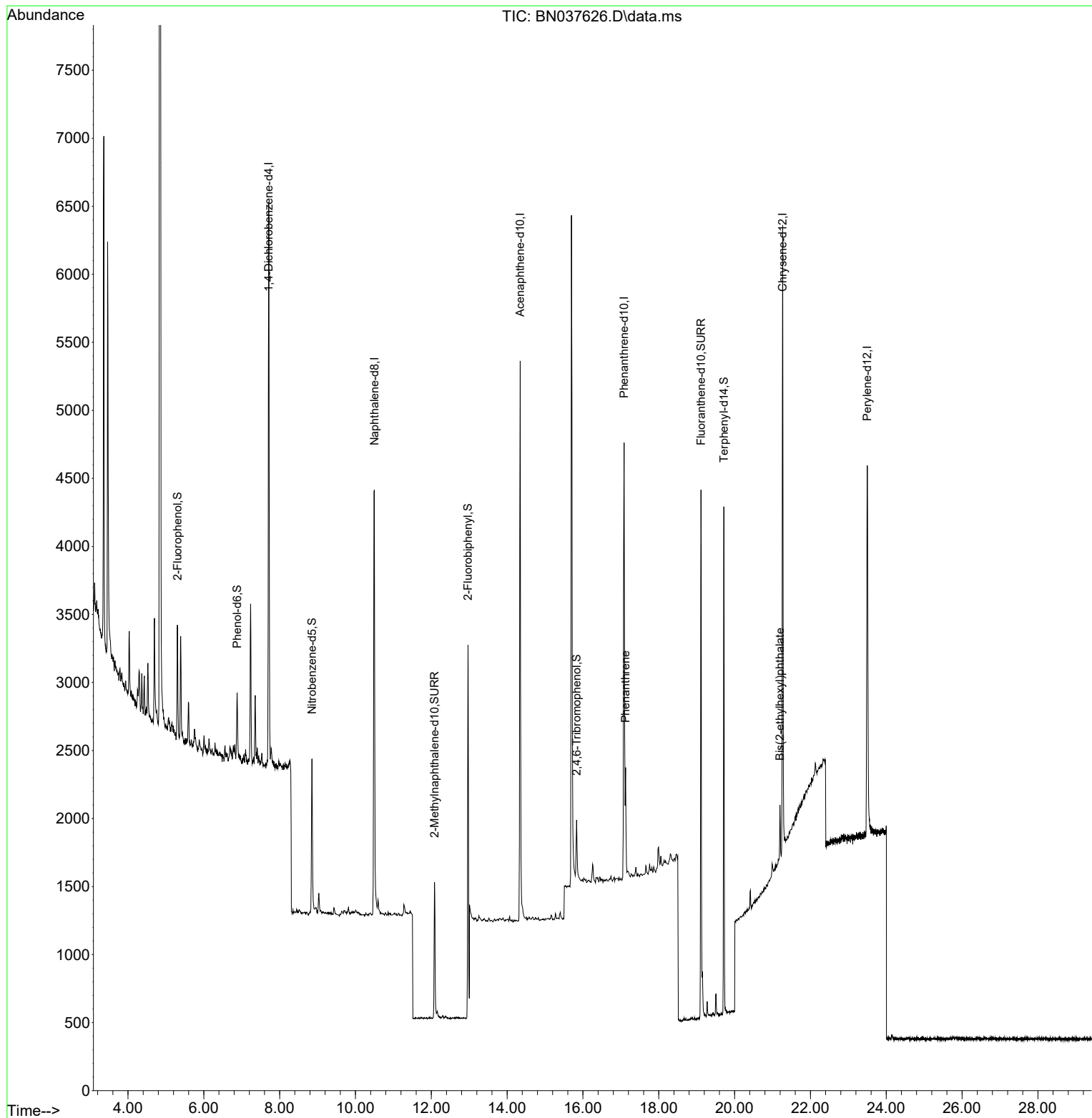
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	2063	0.400	ng	0.00
7) Naphthalene-d8	10.498	136	4828	0.400	ng	0.00
13) Acenaphthene-d10	14.345	164	2403	0.400	ng	0.00
19) Phenanthrene-d10	17.086	188	4952	0.400	ng	0.00
29) Chrysene-d12	21.268	240	4324	0.400	ng	# 0.00
35) Perylene-d12	23.499	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						
25) Phenanthrene	17.124	178	766	0.051	ng	Qvalue 95
34) Bis(2-ethylhexyl)phtha...	21.196	149	444	0.074	ng	# 91

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

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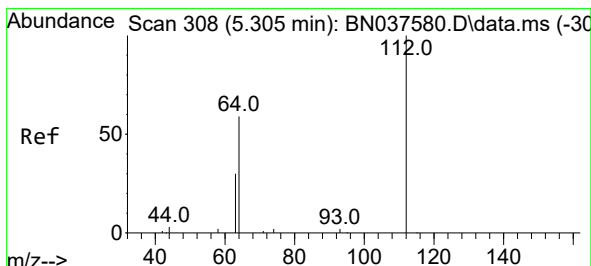
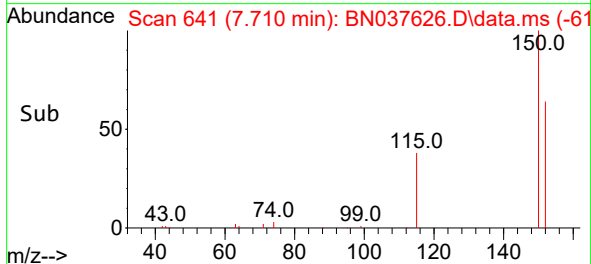
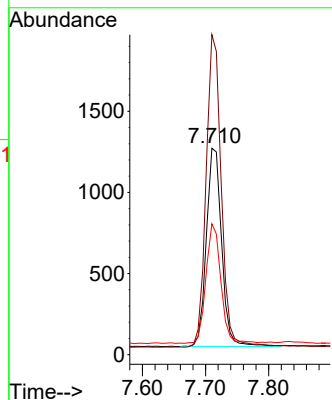
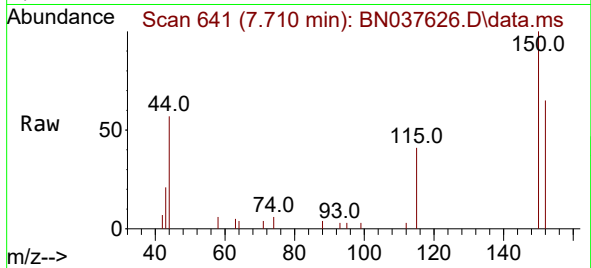




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.710 min Scan# 641
Delta R.T. -0.007 min
Lab File: BN037626.D
Acq: 20 Aug 2025 09:00

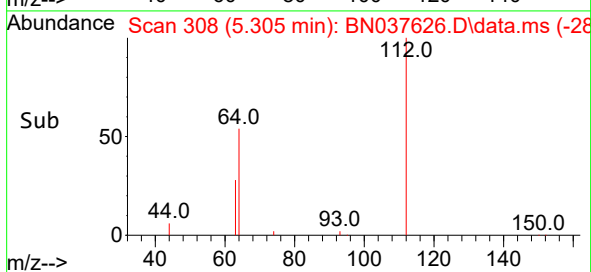
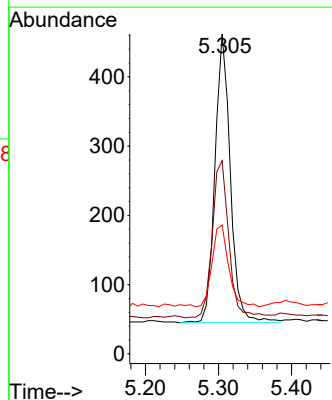
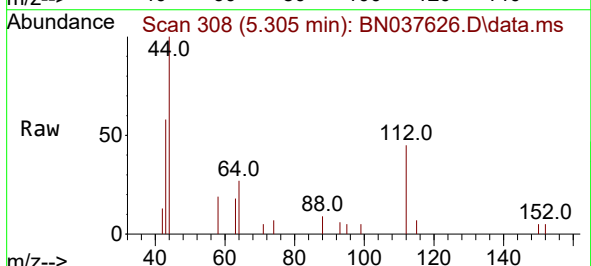
Instrument :
BNA_N
ClientSampleId :
RW7-SP201-20250814

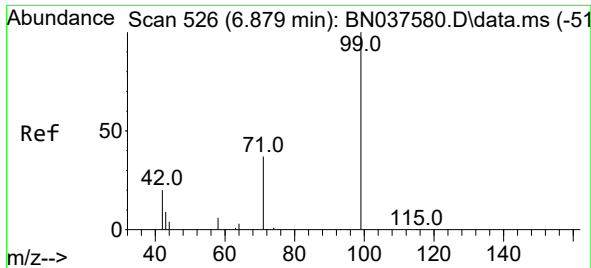
Tgt Ion:152 Resp: 2063
Ion Ratio Lower Upper
152 100
150 155.0 122.2 183.4
115 63.4 49.8 74.6



#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

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

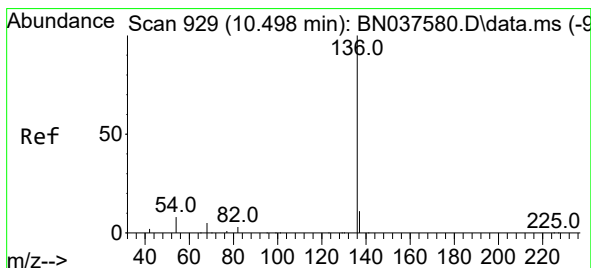
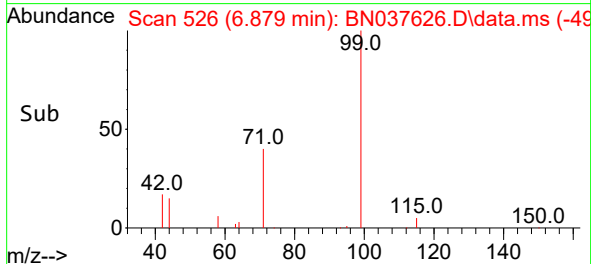
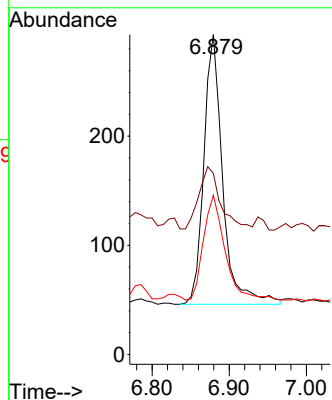
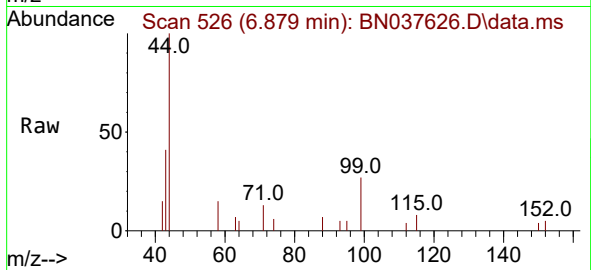




#5
Phenol-d6
Concen: 0.075 ng
RT: 6.879 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN037626.D
Acq: 20 Aug 2025 09:00

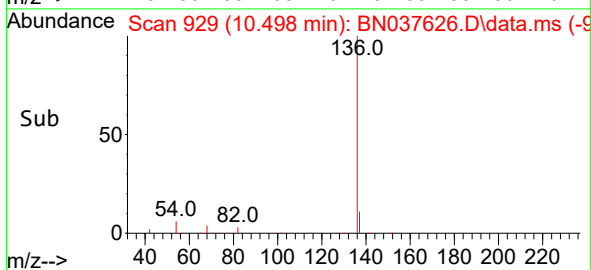
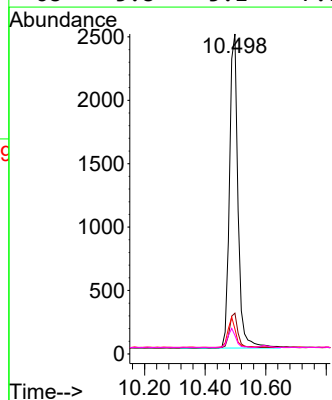
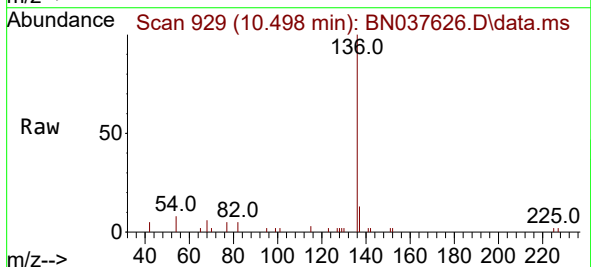
Instrument :
BNA_N
ClientSampleId :
RW7-SP201-20250814

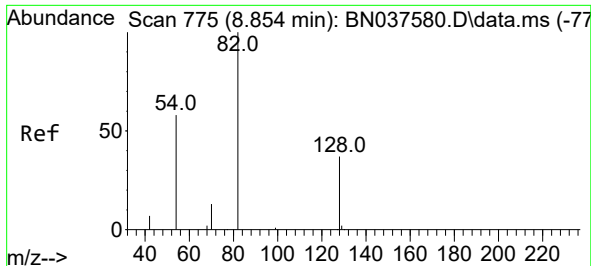
Tgt Ion: 99 Resp: 420
Ion Ratio Lower Upper
99 100
42 26.2 18.5 27.7
71 44.0 28.6 42.8#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.498 min Scan# 929
Delta R.T. 0.000 min
Lab File: BN037626.D
Acq: 20 Aug 2025 09:00

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

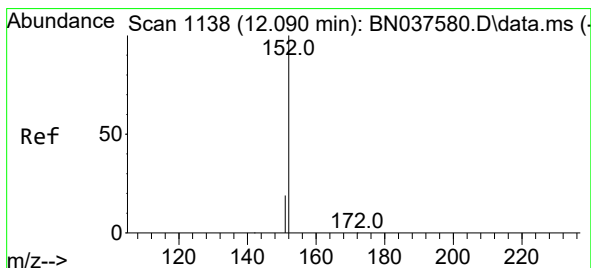
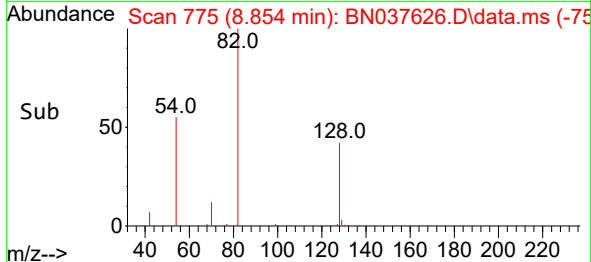
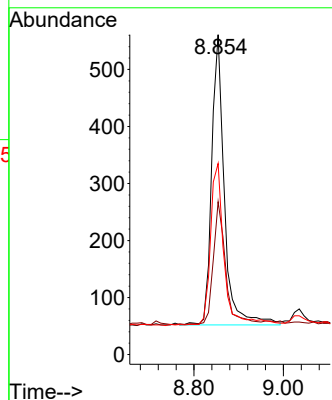
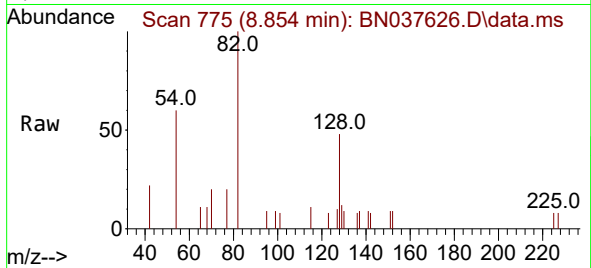




#8
Nitrobenzene-d5
Concen: 0.295 ng
RT: 8.854 min Scan# 71
Delta R.T. 0.000 min
Lab File: BN037626.D
Acq: 20 Aug 2025 09:00

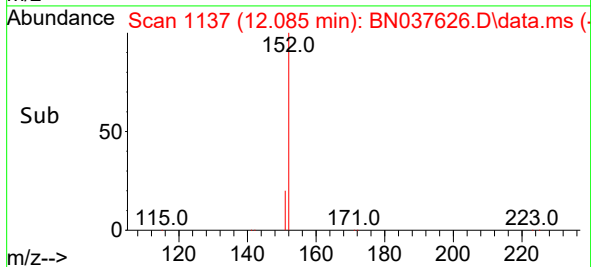
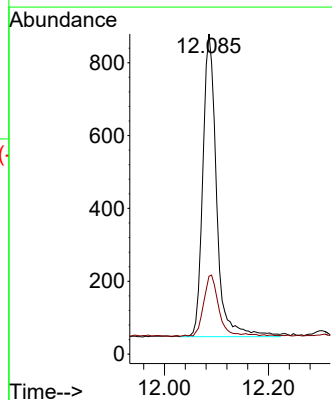
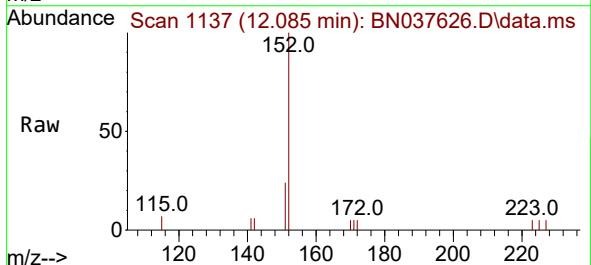
Instrument :
BNA_N
ClientSampleId :
RW7-SP201-20250814

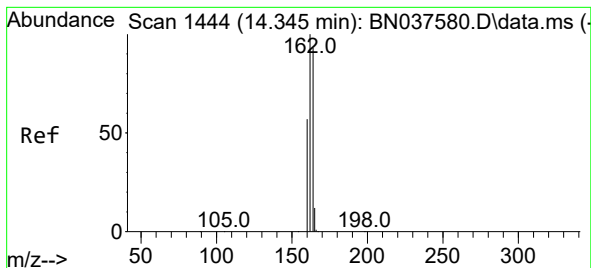
Tgt Ion: 82 Resp: 1002
Ion Ratio Lower Upper
82 100
128 47.8 32.6 48.8
54 59.7 48.9 73.3



#11
2-Methylnaphthalene-d10
Concen: 0.232 ng
RT: 12.085 min Scan# 1137
Delta R.T. -0.005 min
Lab File: BN037626.D
Acq: 20 Aug 2025 09:00

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

Instrument :

BNA_N

ClientSampleId :

RW7-SP201-20250814

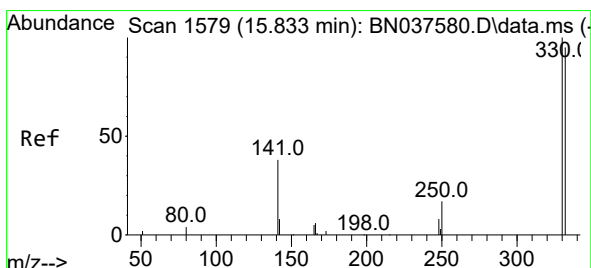
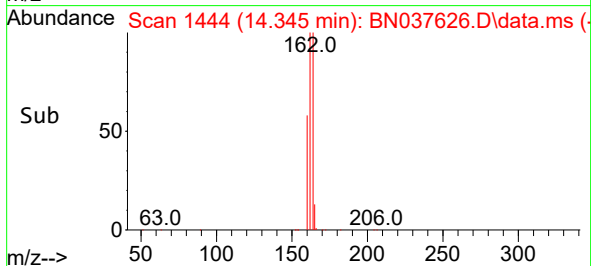
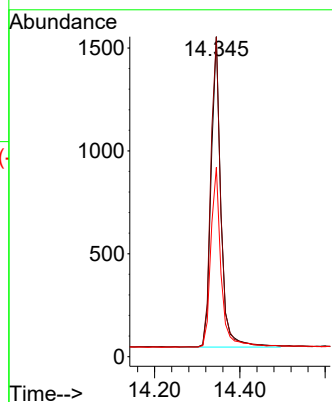
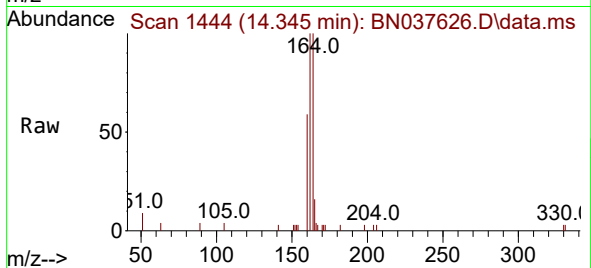
Tgt Ion:164 Resp: 2403

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# 1579

Delta R.T. 0.000 min

Lab File: BN037626.D

Acq: 20 Aug 2025 09:00

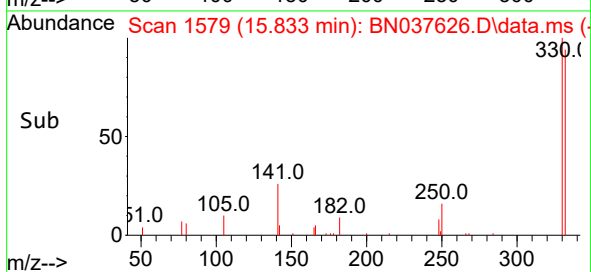
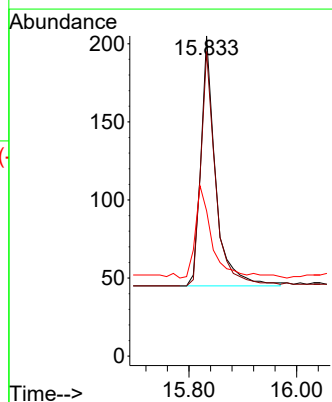
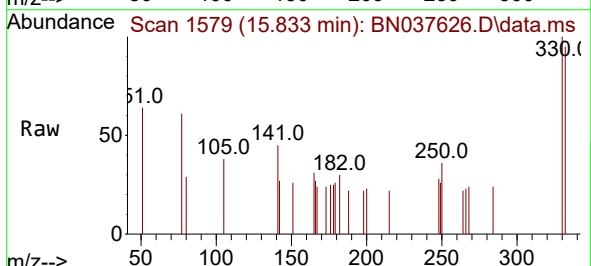
Tgt Ion:330 Resp: 305

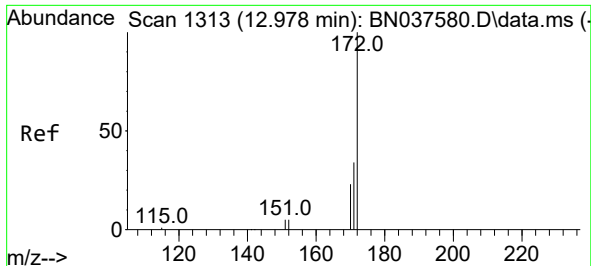
Ion Ratio Lower Upper

330 100

332 94.1 77.4 116.0

141 42.6 30.9 46.3

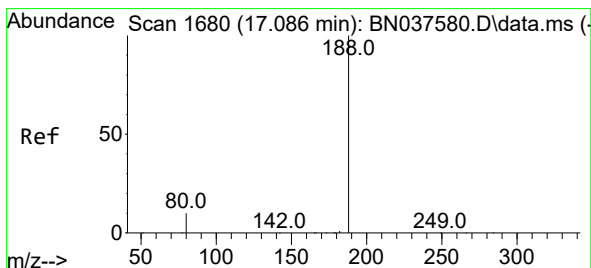
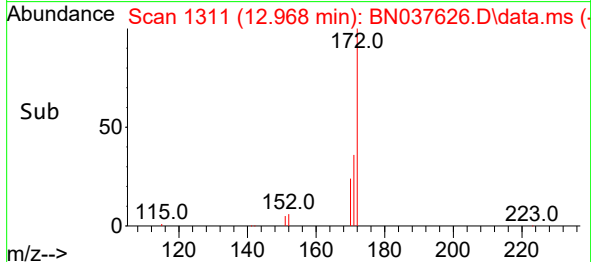
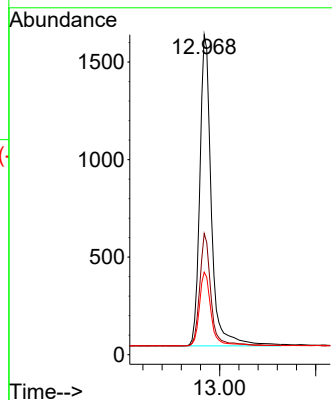
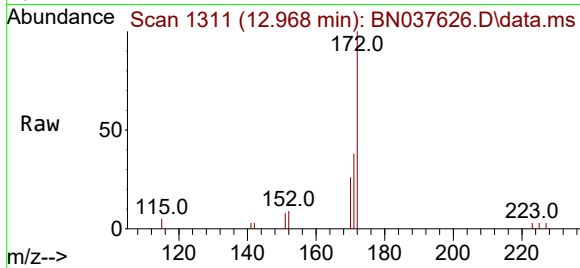




#15
2-Fluorobiphenyl
Concen: 0.263 ng
RT: 12.968 min Scan# 11
Delta R.T. -0.010 min
Lab File: BN037626.D
Acq: 20 Aug 2025 09:00

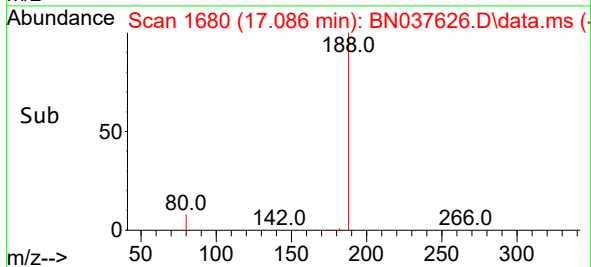
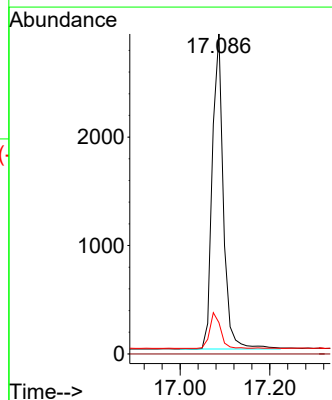
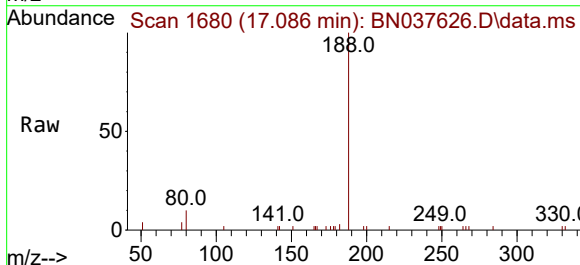
Instrument :
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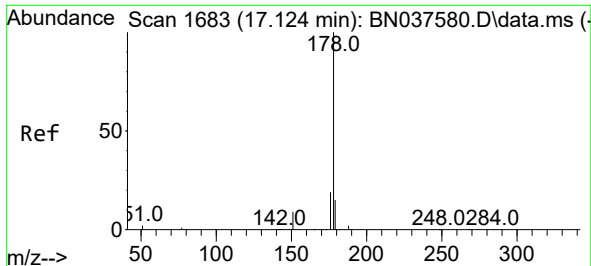
Tgt Ion:172 Resp: 3661
Ion Ratio Lower Upper
172 100
171 37.9 28.2 42.4
170 25.8 19.2 28.8



#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

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

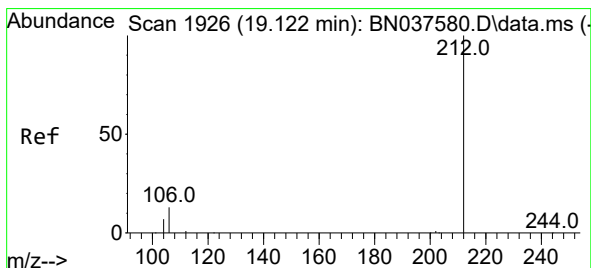
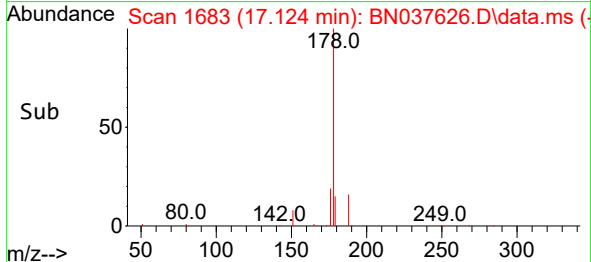
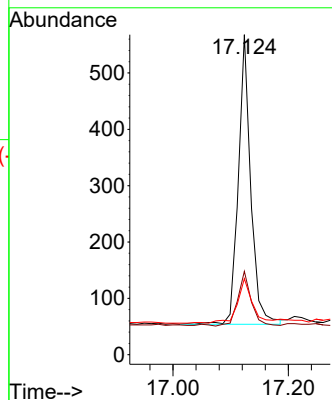
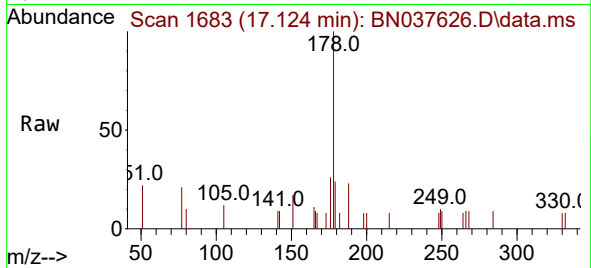




#25
Phenanthrene
Concen: 0.051 ng
RT: 17.124 min Scan# 1683
Delta R.T. 0.000 min
Lab File: BN037626.D
Acq: 20 Aug 2025 09:00

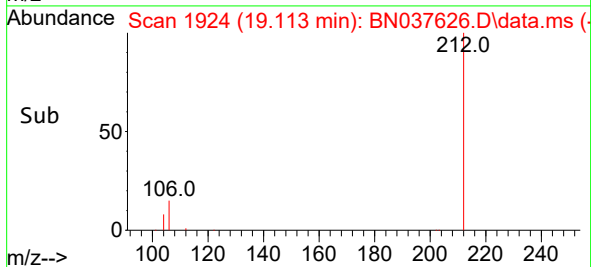
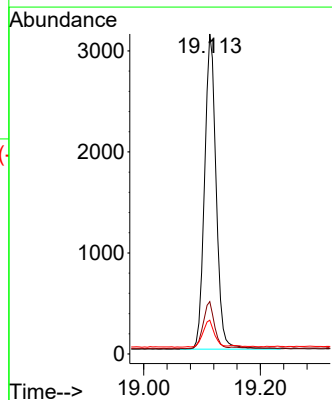
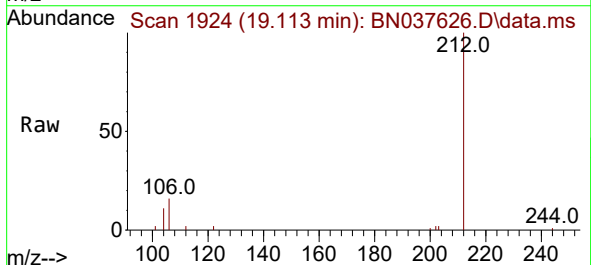
Instrument :
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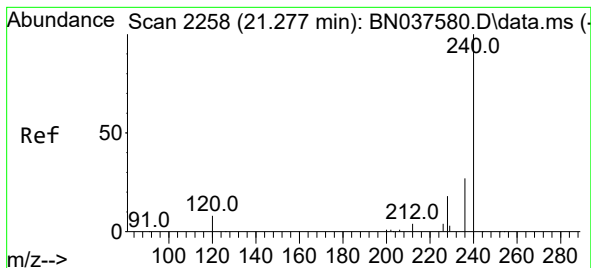
Tgt Ion:	178	Resp:	766
Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.0	22.6
179	18.3	12.3	18.5



#27
Fluoranthene-d10
Concen: 0.332 ng
RT: 19.113 min Scan# 1924
Delta R.T. -0.009 min
Lab File: BN037626.D
Acq: 20 Aug 2025 09:00

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# 21

Delta R.T. -0.009 min

Lab File: BN037626.D

Acq: 20 Aug 2025 09:00

Instrument :

BNA_N

ClientSampleId :

RW7-SP201-20250814

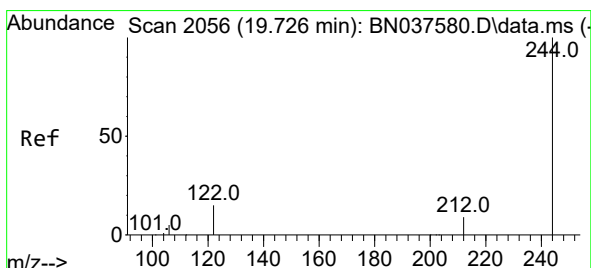
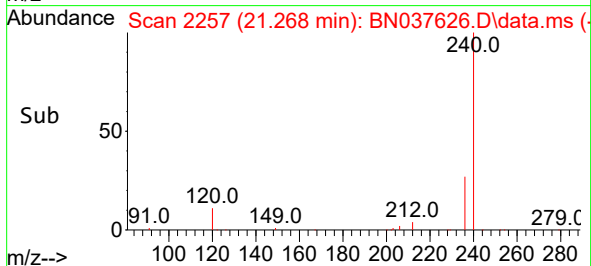
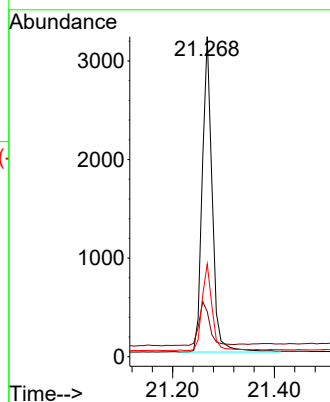
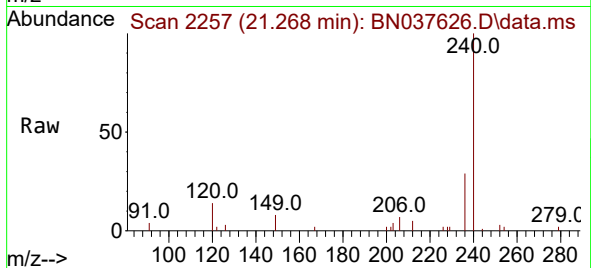
Tgt Ion:240 Resp: 4324

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

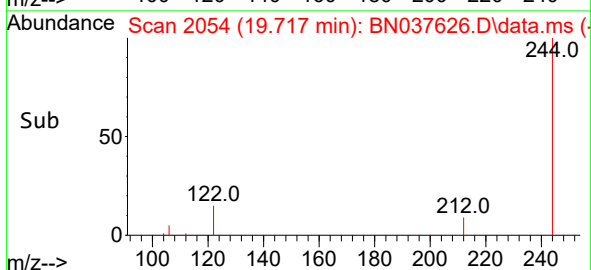
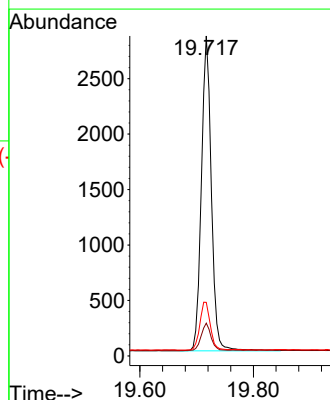
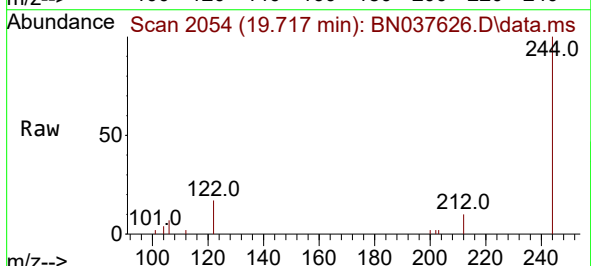
Tgt Ion:244 Resp: 3447

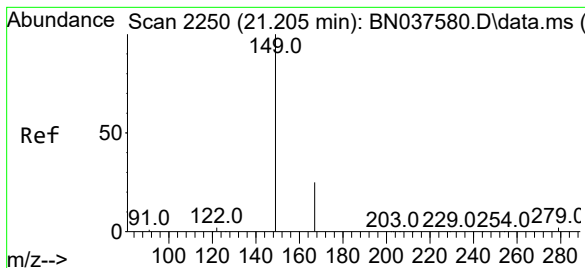
Ion Ratio Lower Upper

244 100

212 10.3 8.2 12.2

122 16.7 13.2 19.8

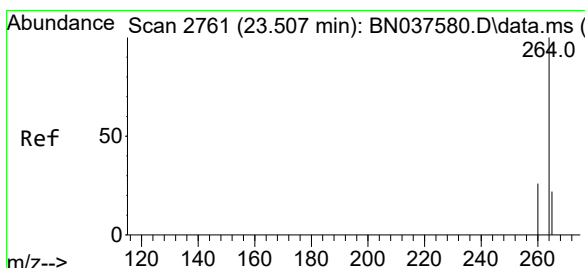
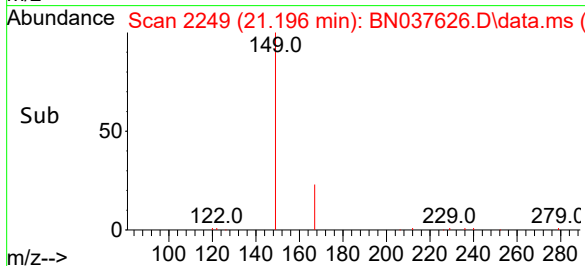
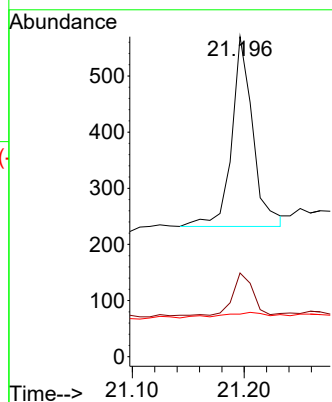
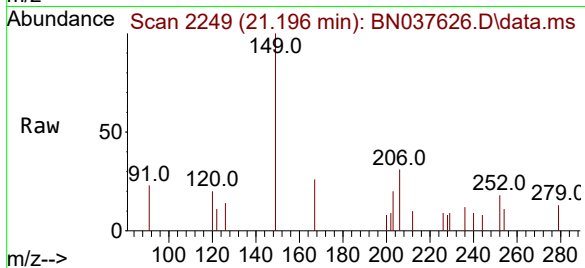




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.074 ng
 RT: 21.196 min Scan# 2119
 Delta R.T. -0.009 min
 Lab File: BN037626.D
 Acq: 20 Aug 2025 09:00

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP201-20250814

Tgt Ion: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# 2758
 Delta R.T. -0.009 min
 Lab File: BN037626.D
 Acq: 20 Aug 2025 09:00

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#

