

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081925\
 Data File : BN037627.D
 Acq On : 20 Aug 2025 09:37
 Operator : RC/JU
 Sample : Q2882-03
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP302-20250814

Quant Time: Aug 21 04:13:04 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)

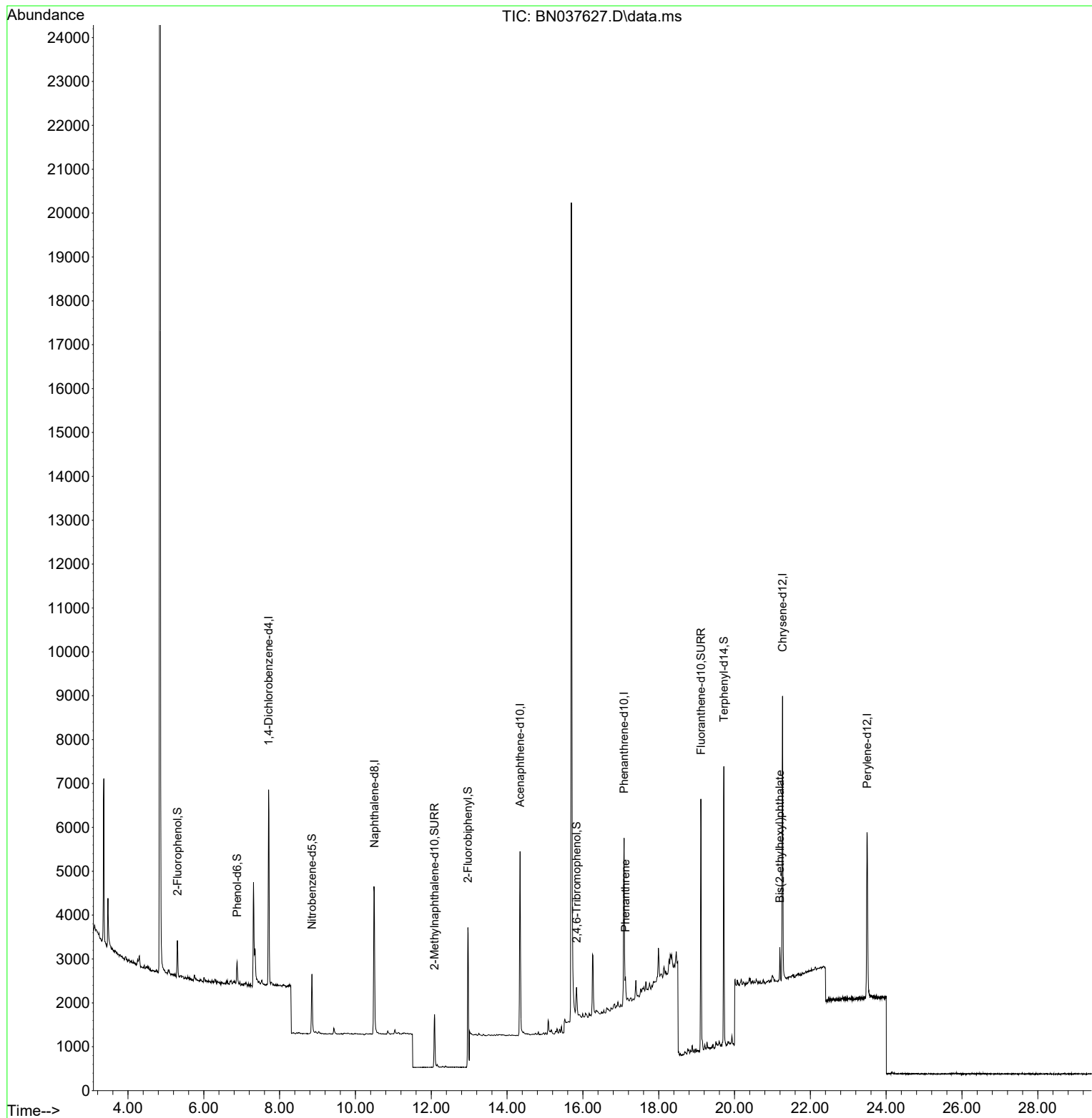
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	2158	0.400	ng	0.00
7) Naphthalene-d8	10.498	136	5059	0.400	ng	0.00
13) Acenaphthene-d10	14.345	164	2475	0.400	ng	0.00
19) Phenanthrene-d10	17.086	188	5840	0.400	ng	0.00
29) Chrysene-d12	21.268	240	6156	0.400	ng	# 0.00
35) Perylene-d12	23.496	264	5296	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.305	112	670	0.137	ng	0.00
5) Phenol-d6	6.879	99	465	0.079	ng	0.00
8) Nitrobenzene-d5	8.854	82	1154	0.324	ng	0.00
11) 2-Methylnaphthalene-d10	12.085	152	1765	0.257	ng	0.00
14) 2,4,6-Tribromophenol	15.833	330	439	0.405	ng	0.00
15) 2-Fluorobiphenyl	12.968	172	4340	0.303	ng	-0.01
27) Fluoranthene-d10	19.113	212	6385	0.416	ng	0.00
31) Terphenyl-d14	19.717	244	6055	0.478	ng	0.00
Target Compounds						
25) Phenanthrene	17.124	178	580	0.033	ng	# 89
34) Bis(2-ethylhexyl)phtha...	21.196	149	675	0.080	ng	# 95

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

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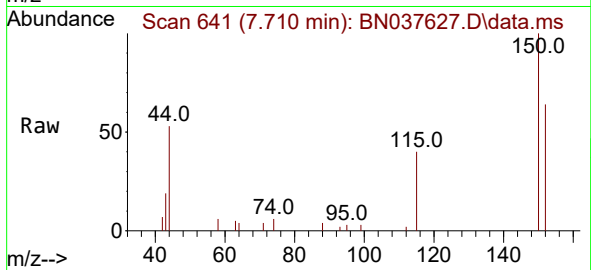
Quant Time: Aug 21 04:13:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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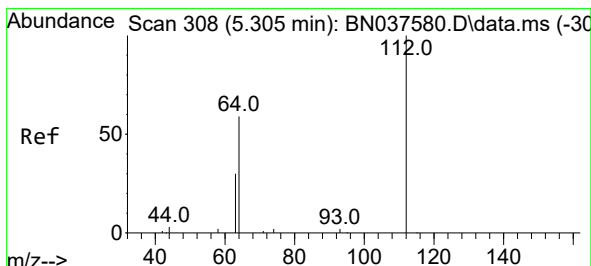
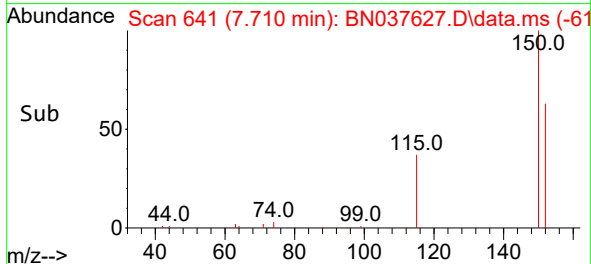
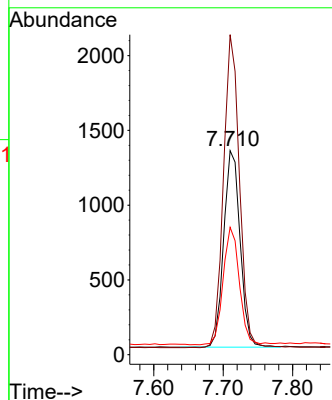


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.710 min Scan# 641
Delta R.T. -0.007 min
Lab File: BN037627.D
Acq: 20 Aug 2025 09:37

Instrument :
BNA_N
ClientSampleId :
RW7-SP302-20250814

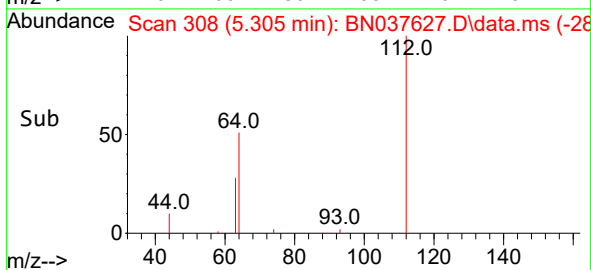
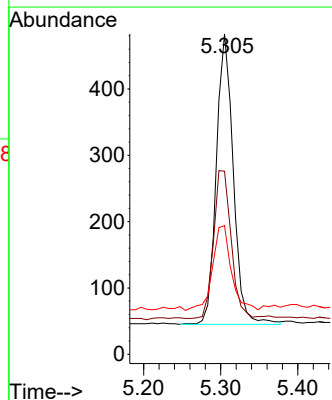
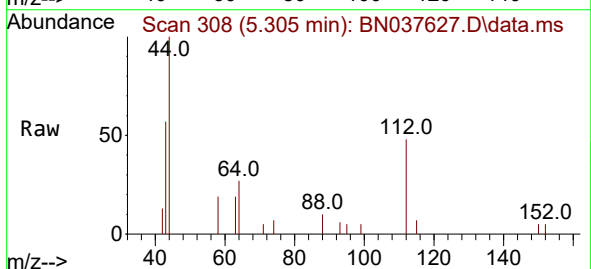


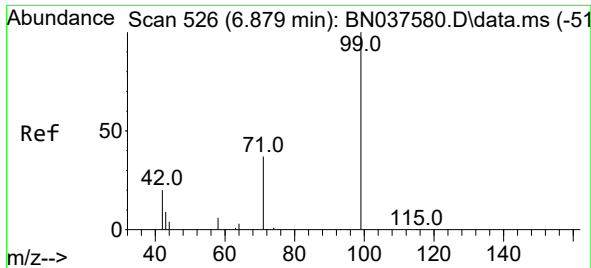
Tgt Ion:152 Resp: 2158
Ion Ratio Lower Upper
152 100
150 156.9 122.2 183.4
115 62.5 49.8 74.6



#4
2-Fluorophenol
Concen: 0.137 ng
RT: 5.305 min Scan# 308
Delta R.T. 0.000 min
Lab File: BN037627.D
Acq: 20 Aug 2025 09:37

Tgt Ion:112 Resp: 670
Ion Ratio Lower Upper
112 100
64 52.7 44.9 67.3
63 32.1 23.4 35.2

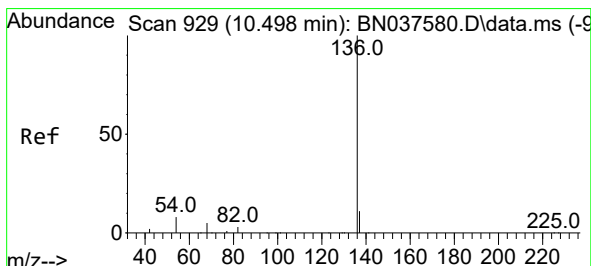
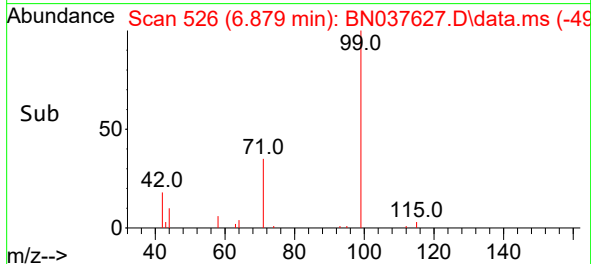
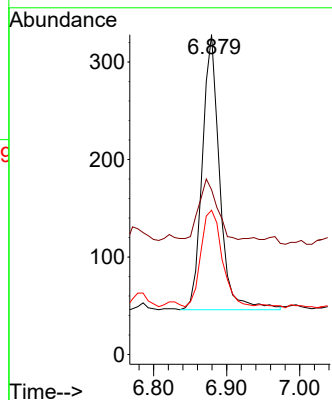
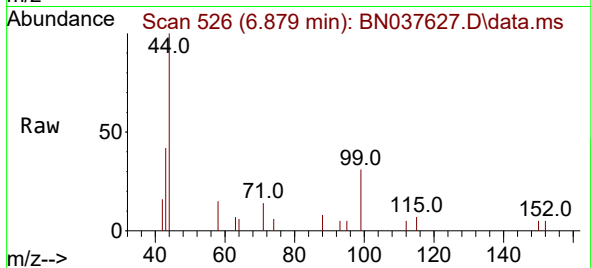




#5
Phenol-d6
Concen: 0.079 ng
RT: 6.879 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN037627.D
Acq: 20 Aug 2025 09:37

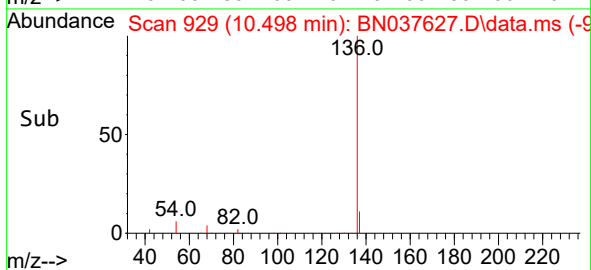
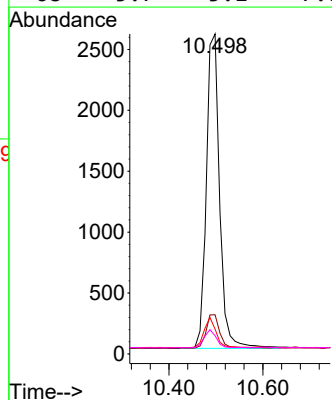
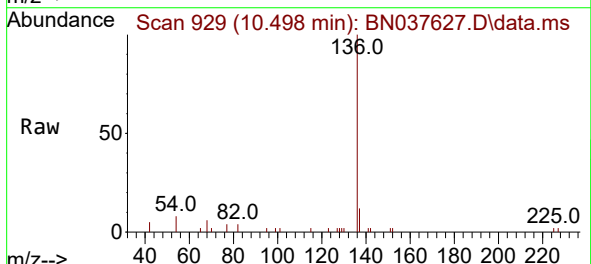
Instrument :
BNA_N
ClientSampleId :
RW7-SP302-20250814

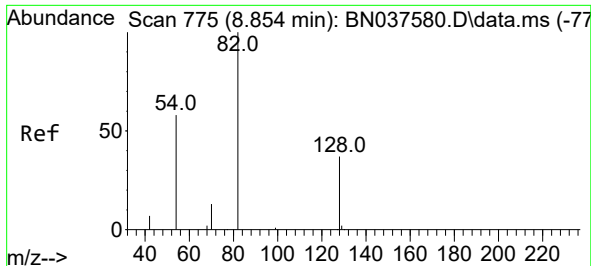
Tgt Ion:	99	Resp:	465
Ion	Ratio	Lower	Upper
99	100		
42	22.4	18.5	27.7
71	42.8	28.6	42.8



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.498 min Scan# 929
Delta R.T. 0.000 min
Lab File: BN037627.D
Acq: 20 Aug 2025 09:37

Tgt Ion:	136	Resp:	5059
Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.5	14.3
54	7.7	7.3	10.9
68	5.7	5.1	7.7

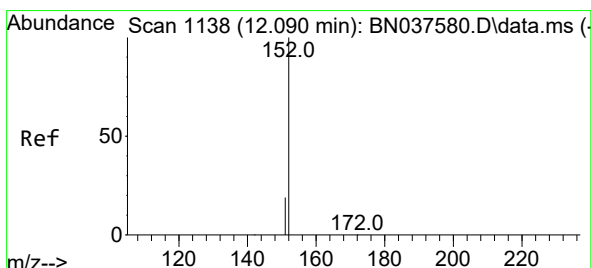
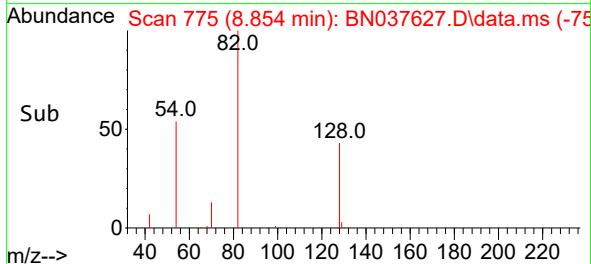
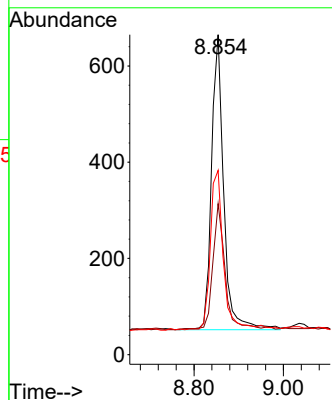
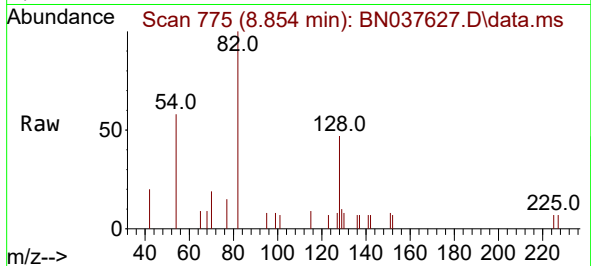




#8
Nitrobenzene-d5
Concen: 0.324 ng
RT: 8.854 min Scan# 71
Delta R.T. 0.000 min
Lab File: BN037627.D
Acq: 20 Aug 2025 09:37

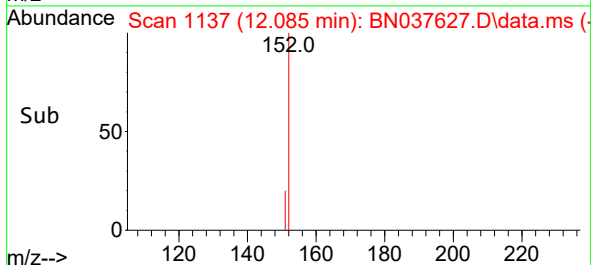
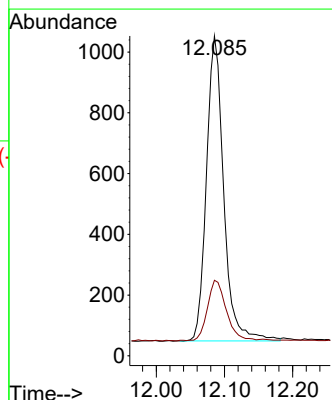
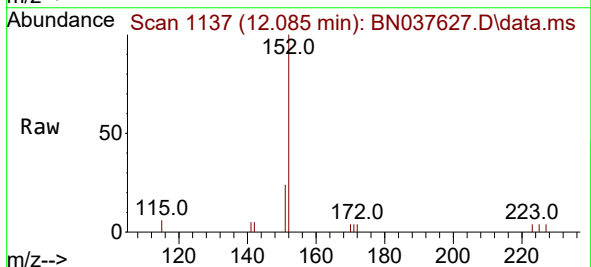
Instrument :
BNA_N
ClientSampleId :
RW7-SP302-20250814

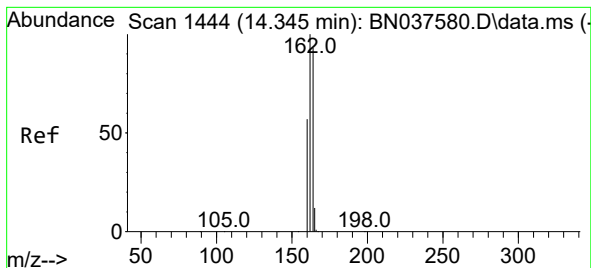
Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.2	32.6	48.8
54	57.6	48.9	73.3



#11
2-Methylnaphthalene-d10
Concen: 0.257 ng
RT: 12.085 min Scan# 1137
Delta R.T. -0.005 min
Lab File: BN037627.D
Acq: 20 Aug 2025 09:37

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.5	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: BN037627.D

Acq: 20 Aug 2025 09:37

Instrument :

BNA_N

ClientSampleId :

RW7-SP302-20250814

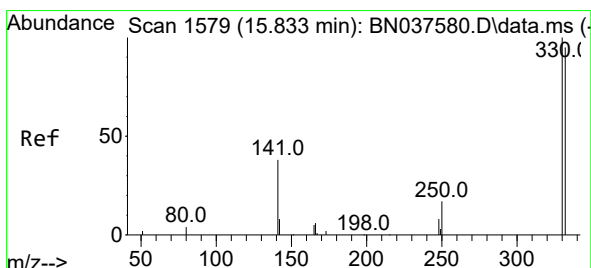
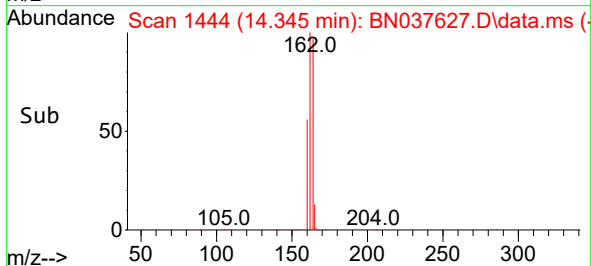
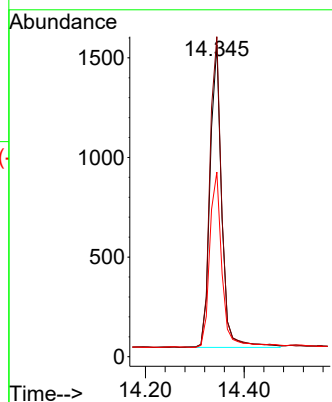
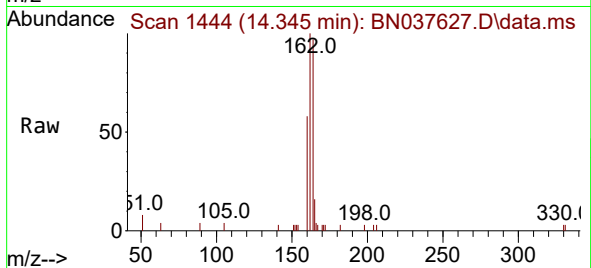
Tgt Ion:164 Resp: 2475

Ion Ratio Lower Upper

164 100

162 102.7 85.5 128.3

160 59.3 49.5 74.3



#14

2,4,6-Tribromophenol

Concen: 0.405 ng

RT: 15.833 min Scan# 1579

Delta R.T. 0.000 min

Lab File: BN037627.D

Acq: 20 Aug 2025 09:37

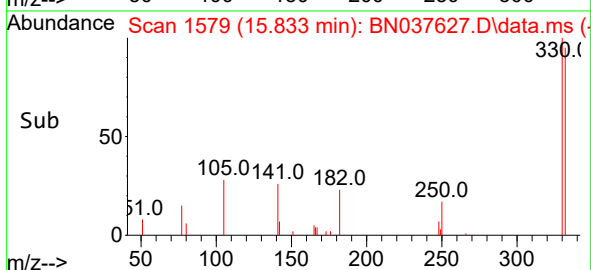
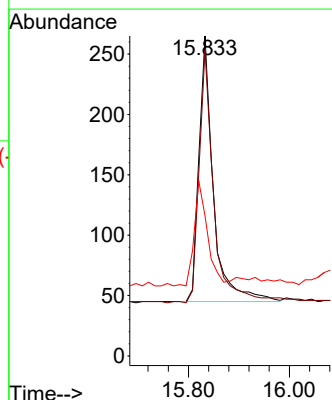
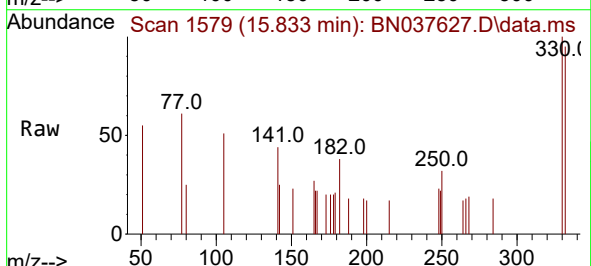
Tgt Ion:330 Resp: 439

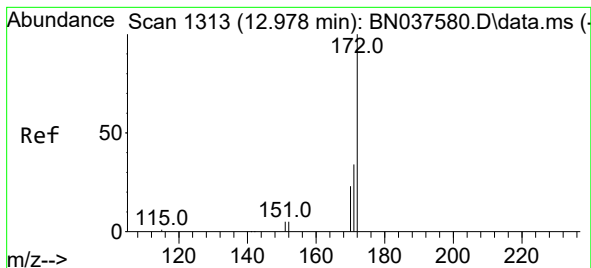
Ion Ratio Lower Upper

330 100

332 96.1 77.4 116.0

141 37.1 30.9 46.3





#15

2-Fluorobiphenyl

Concen: 0.303 ng

RT: 12.968 min Scan# 11

Delta R.T. -0.010 min

Lab File: BN037627.D

Acq: 20 Aug 2025 09:37

Instrument :

BNA_N

ClientSampleId :

RW7-SP302-20250814

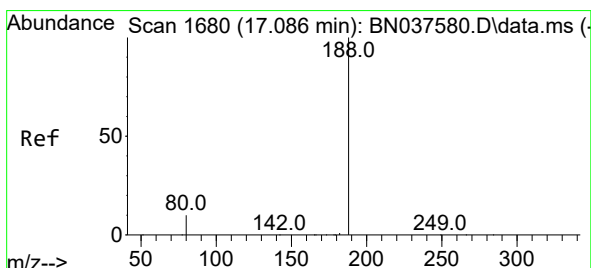
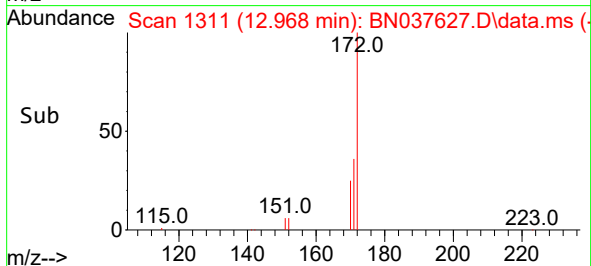
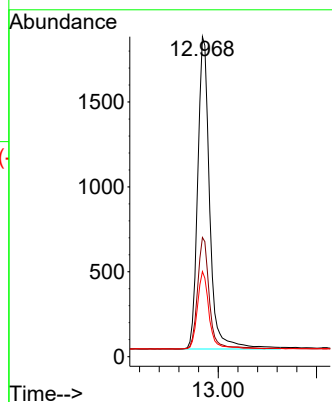
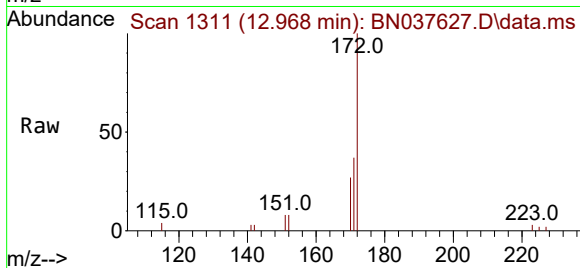
Tgt Ion:172 Resp: 4340

Ion Ratio Lower Upper

172 100

171 37.2 28.2 42.4

170 26.6 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: BN037627.D

Acq: 20 Aug 2025 09:37

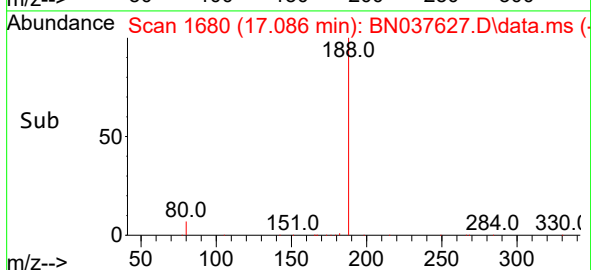
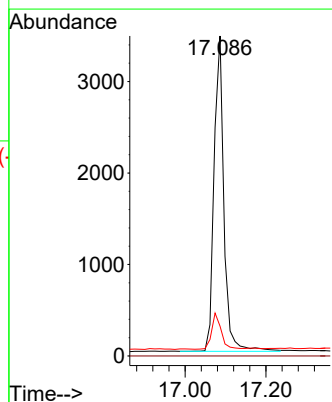
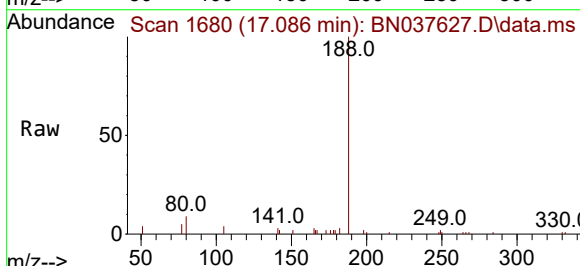
Tgt Ion:188 Resp: 5840

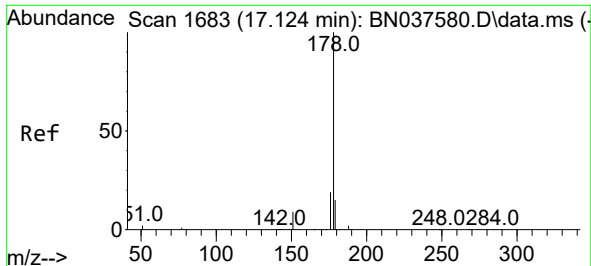
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.3 9.1 13.7

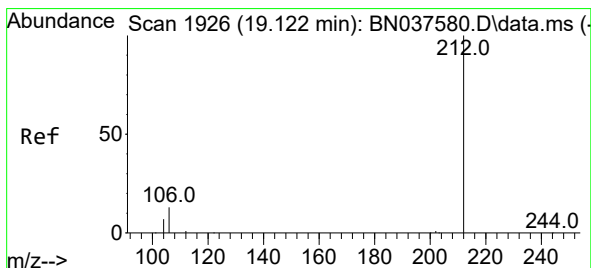
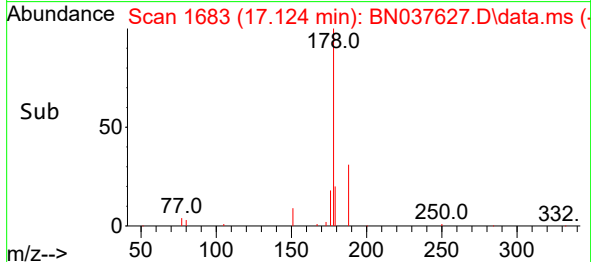
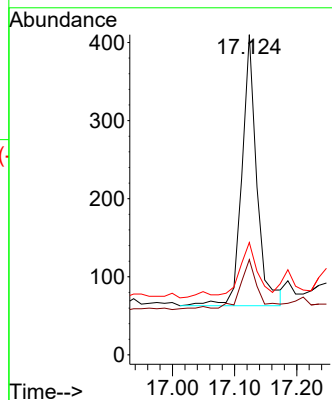
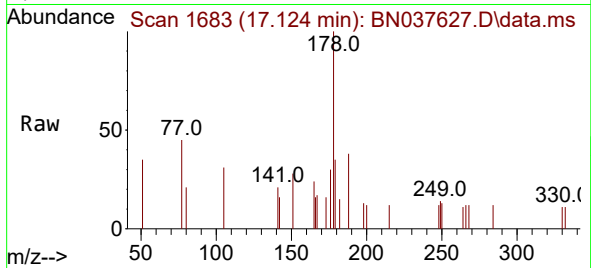




#25
Phenanthrene
Concen: 0.033 ng
RT: 17.124 min Scan# 1683
Delta R.T. 0.000 min
Lab File: BN037627.D
Acq: 20 Aug 2025 09:37

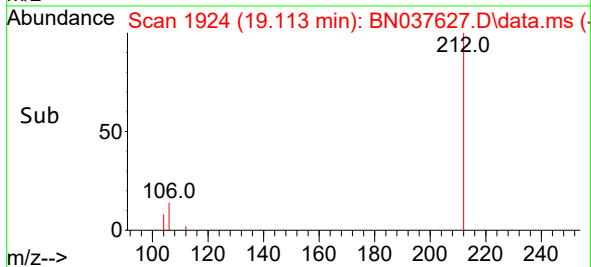
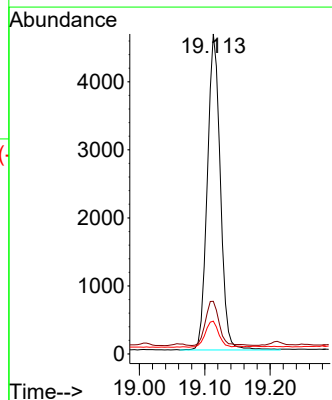
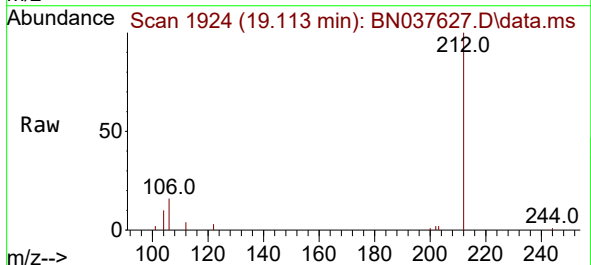
Instrument :
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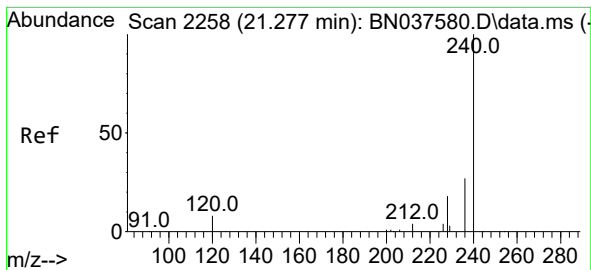
Tgt Ion:178 Resp: 580
Ion Ratio Lower Upper
178 100
176 22.9 15.0 22.6#
179 20.9 12.3 18.5#



#27
Fluoranthene-d10
Concen: 0.416 ng
RT: 19.113 min Scan# 1924
Delta R.T. -0.009 min
Lab File: BN037627.D
Acq: 20 Aug 2025 09:37

Tgt Ion:212 Resp: 6385
Ion Ratio Lower Upper
212 100
106 14.7 11.5 17.3
104 8.5 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: BN037627.D

Acq: 20 Aug 2025 09:37

Instrument :

BNA_N

ClientSampleId :

RW7-SP302-20250814

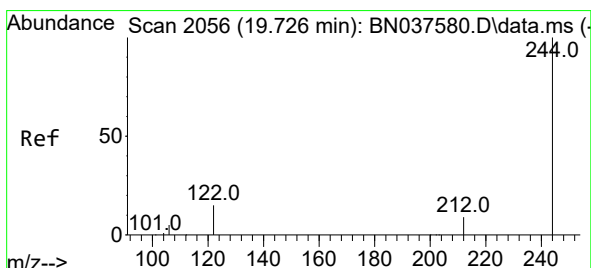
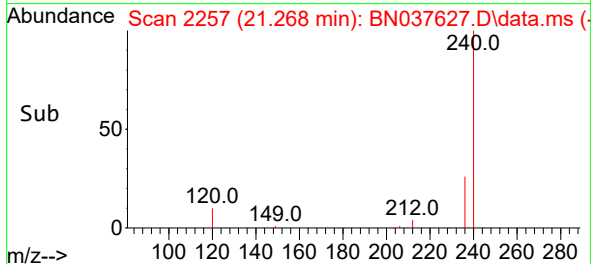
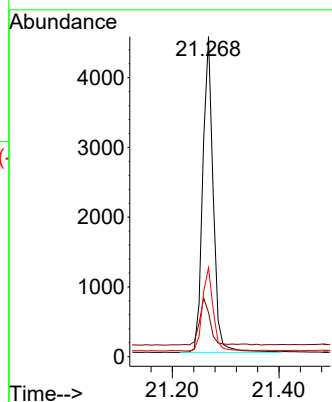
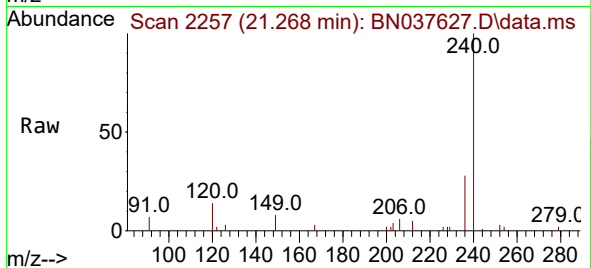
Tgt Ion:240 Resp: 6156

Ion Ratio Lower Upper

240 100

120 13.8 8.9 13.3#

236 27.8 22.6 33.8



#31

Terphenyl-d14

Concen: 0.478 ng

RT: 19.717 min Scan# 2054

Delta R.T. -0.009 min

Lab File: BN037627.D

Acq: 20 Aug 2025 09:37

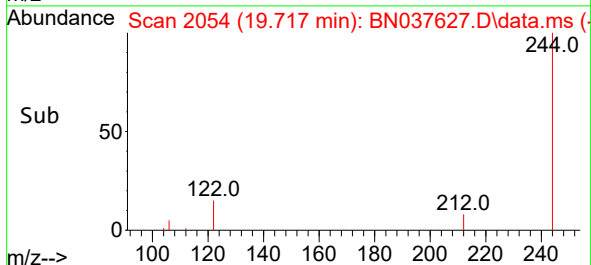
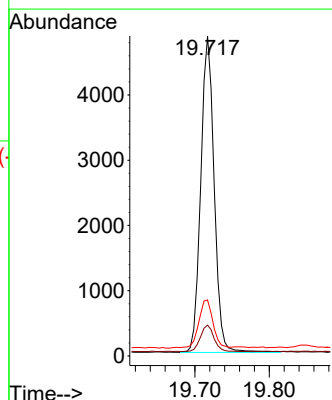
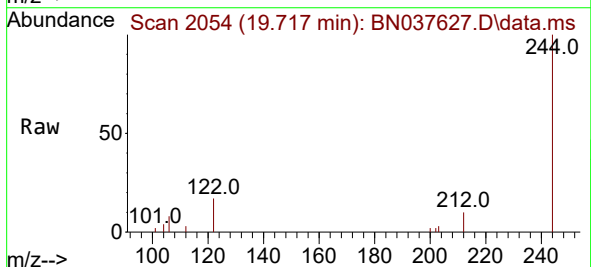
Tgt Ion:244 Resp: 6055

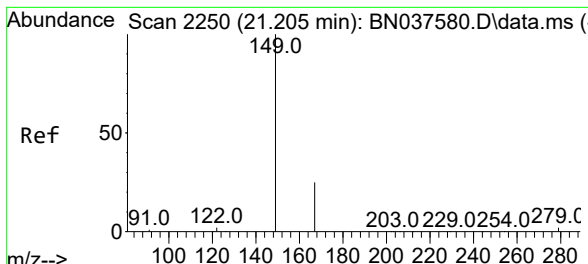
Ion Ratio Lower Upper

244 100

212 9.7 8.2 12.2

122 17.5 13.2 19.8

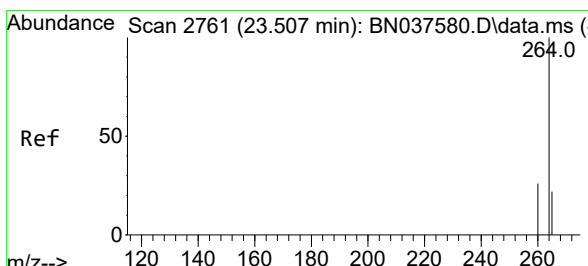
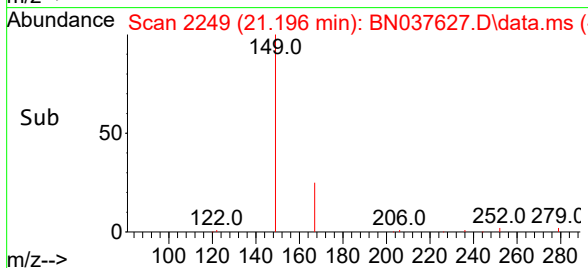
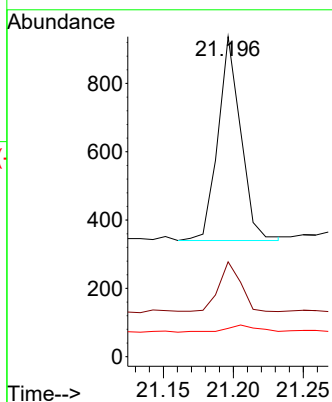
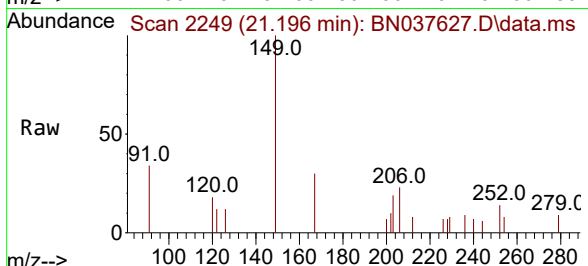




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.080 ng
 RT: 21.196 min Scan# 2119
 Delta R.T. -0.009 min
 Lab File: BN037627.D
 Acq: 20 Aug 2025 09:37

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP302-20250814

Tgt Ion:	149	Resp:	675
Ion Ratio	Lower	Upper	
149	100		
167	23.3	20.5	30.7
279	4.7	2.6	4.0



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.496 min Scan# 2757
 Delta R.T. -0.012 min
 Lab File: BN037627.D
 Acq: 20 Aug 2025 09:37

Tgt Ion:	264	Resp:	5296
Ion Ratio	Lower	Upper	
264	100		
260	26.2	21.6	32.4
265	68.9	48.2	72.4

