

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081925\
 Data File : BN037601.D
 Acq On : 19 Aug 2025 11:16
 Operator : RC/JU
 Sample : PB169286BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB169286BL

Quant Time: Aug 20 01:24:39 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)

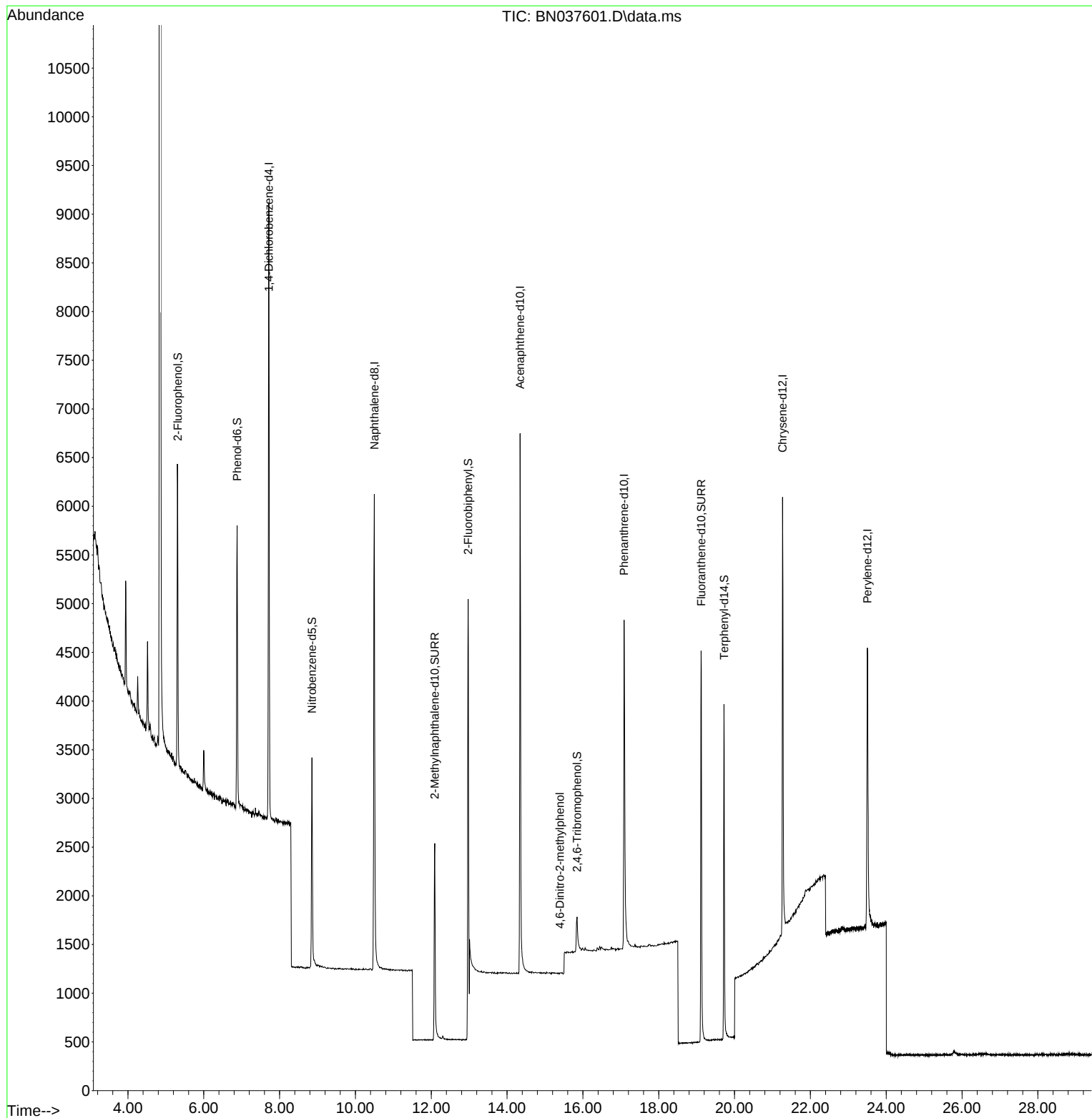
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	3102	0.400	ng	0.00
7) Naphthalene-d8	10.498	136	7290	0.400	ng	0.00
13) Acenaphthene-d10	14.345	164	3299	0.400	ng	0.00
19) Phenanthrene-d10	17.087	188	6205	0.400	ng	0.00
29) Chrysene-d12	21.268	240	4772	0.400	ng	# 0.00
35) Perylene-d12	23.505	264	4383	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.312	112	2485	0.353	ng	0.00
5) Phenol-d6	6.879	99	2725	0.322	ng	0.00
8) Nitrobenzene-d5	8.854	82	1829	0.356	ng	0.00
11) 2-Methylnaphthalene-d10	12.091	152	3261	0.329	ng	0.00
14) 2,4,6-Tribromophenol	15.845	330	354	0.245	ng	0.01
15) 2-Fluorobiphenyl	12.973	172	6705	0.351	ng	0.00
27) Fluoranthene-d10	19.118	212	5235	0.321	ng	0.00
31) Terphenyl-d14	19.722	244	3798	0.387	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.393	198	1	0.182	ng	# 1

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

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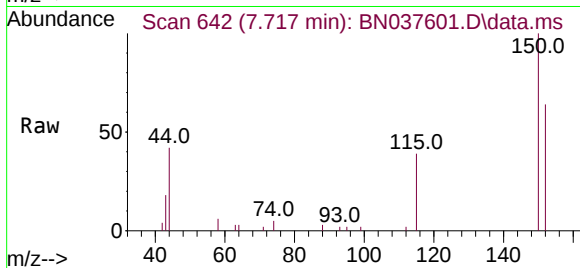
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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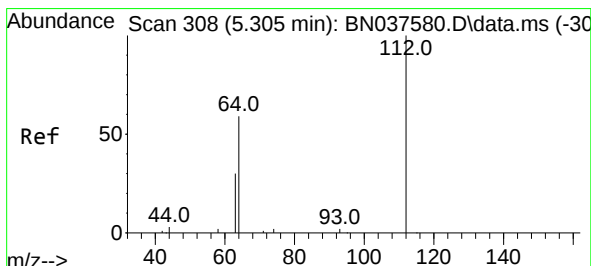
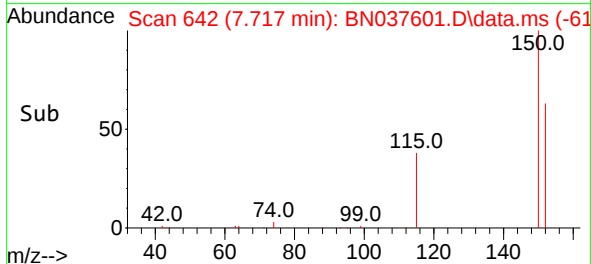
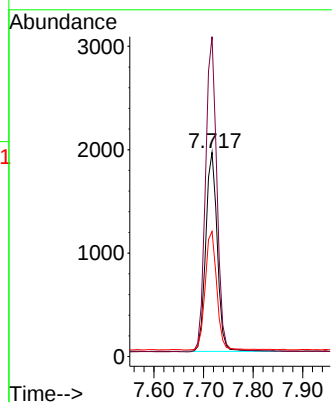


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.717 min Scan# 64
 Delta R.T. 0.000 min
 Lab File: BN037601.D
 Acq: 19 Aug 2025 11:16

Instrument :
 BNA_N
 ClientSampleId :
 PB169286BL

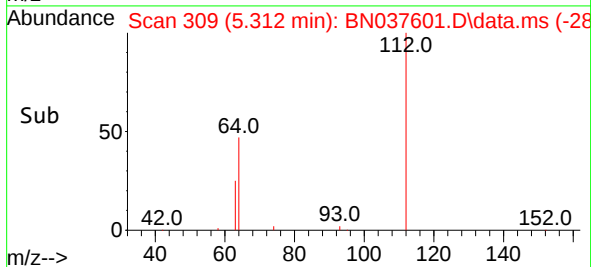
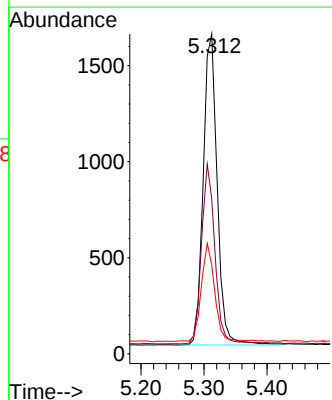
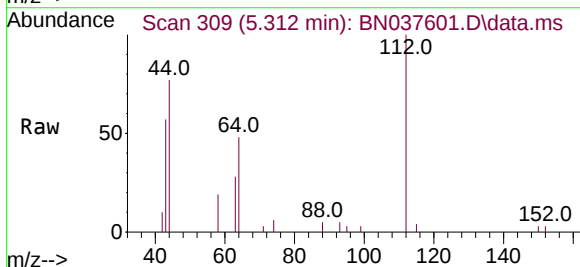


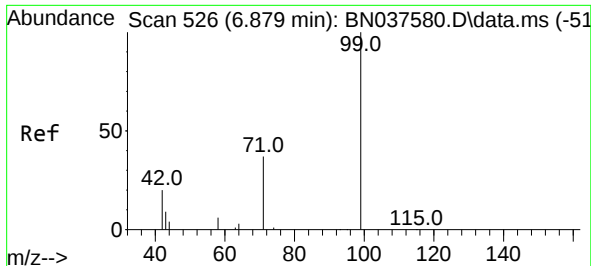
Tgt Ion:152 Resp: 3102
 Ion Ratio Lower Upper
 152 100
 150 156.7 122.2 183.4
 115 61.3 49.8 74.6



#4
 2-Fluorophenol
 Concen: 0.353 ng
 RT: 5.312 min Scan# 309
 Delta R.T. 0.007 min
 Lab File: BN037601.D
 Acq: 19 Aug 2025 11:16

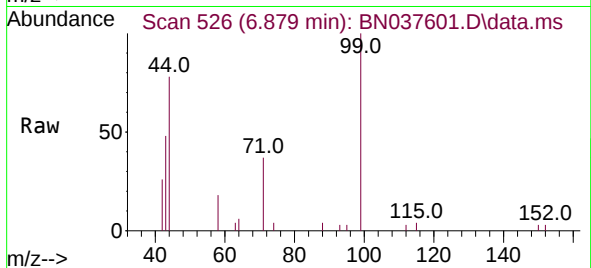
Tgt Ion:112 Resp: 2485
 Ion Ratio Lower Upper
 112 100
 64 56.1 44.9 67.3
 63 30.3 23.4 35.2



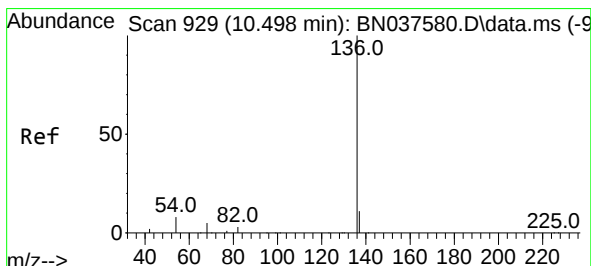
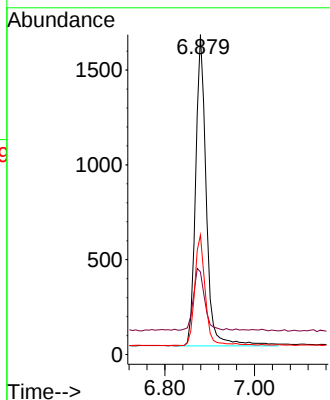
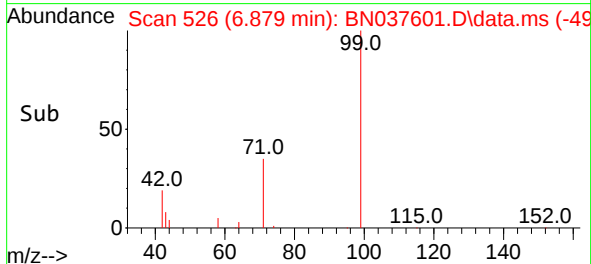


#5
Phenol-d6
Concen: 0.322 ng
RT: 6.879 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN037601.D
Acq: 19 Aug 2025 11:16

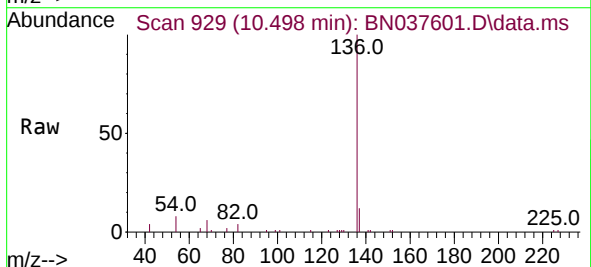
Instrument :
BNA_N
ClientSampleId :
PB169286BL



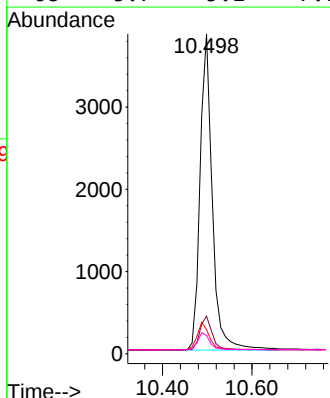
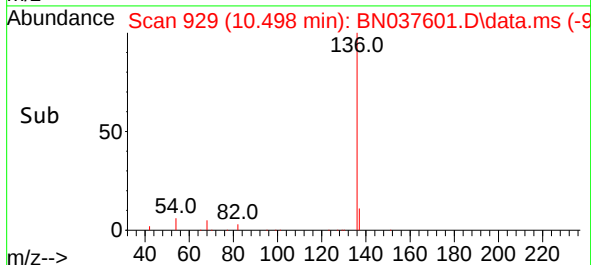
Tgt Ion:	99	Resp:	2725
Ion	Ratio	Lower	Upper
99	100		
42	20.3	18.5	27.7
71	35.2	28.6	42.8

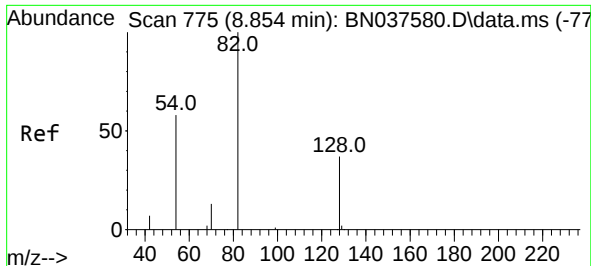


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.498 min Scan# 929
Delta R.T. 0.000 min
Lab File: BN037601.D
Acq: 19 Aug 2025 11:16



Tgt Ion:	136	Resp:	7290
Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.5	14.3
54	7.6	7.3	10.9
68	5.7	5.1	7.7

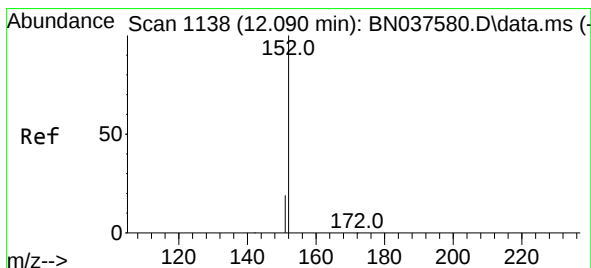
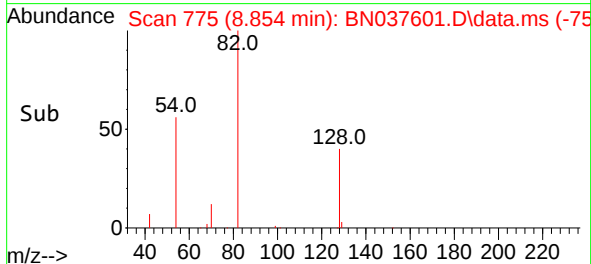
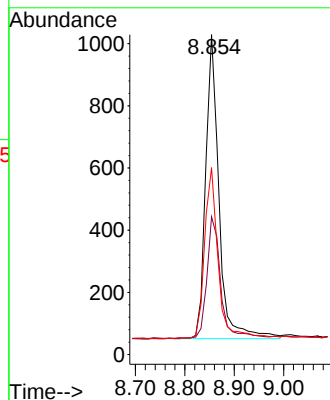
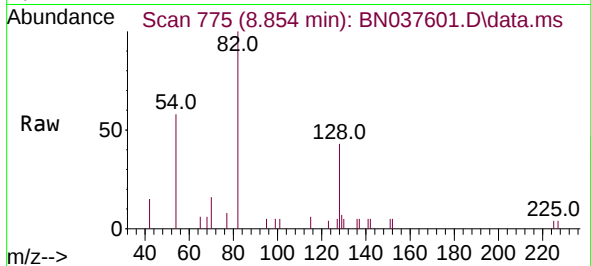




#8
Nitrobenzene-d5
Concen: 0.356 ng
RT: 8.854 min Scan# 775
Delta R.T. 0.000 min
Lab File: BN037601.D
Acq: 19 Aug 2025 11:16

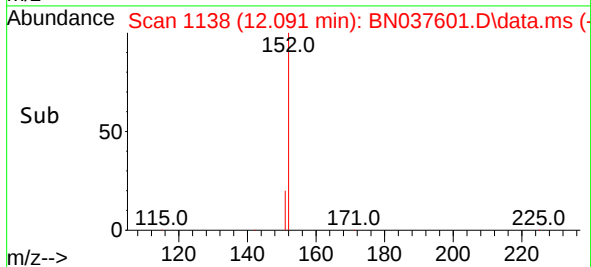
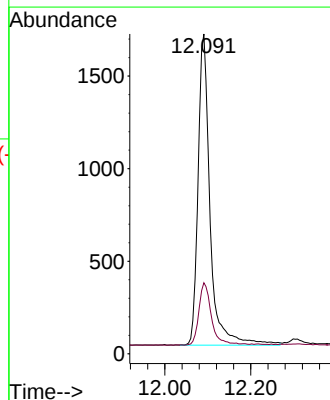
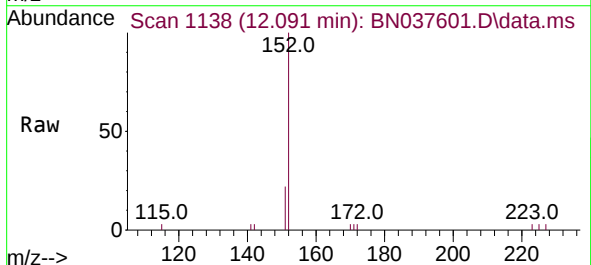
Instrument :
BNA_N
ClientSampleId :
PB169286BL

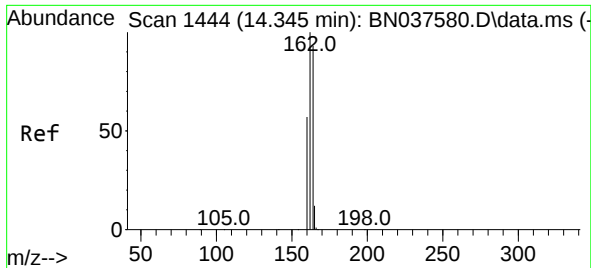
Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.1	32.6	48.8
54	58.4	48.9	73.3



#11
2-Methylnaphthalene-d10
Concen: 0.329 ng
RT: 12.091 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BN037601.D
Acq: 19 Aug 2025 11:16

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.9	17.3	25.9

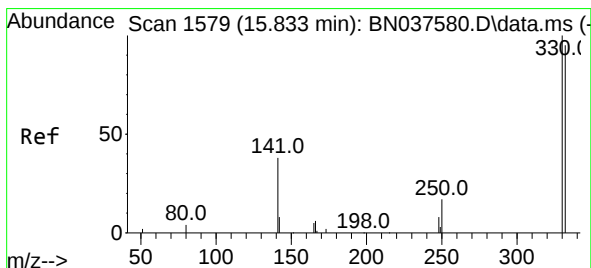
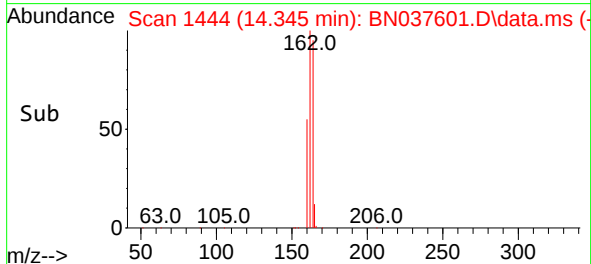
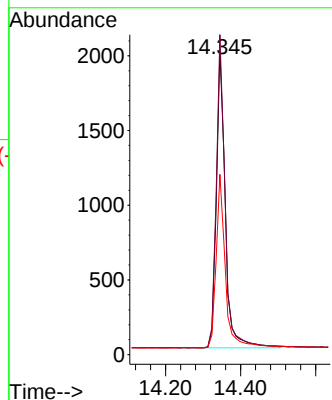
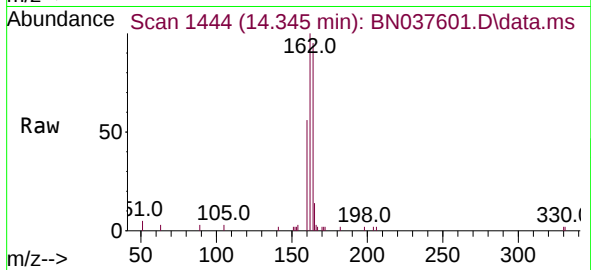




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.345 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BN037601.D
Acq: 19 Aug 2025 11:16

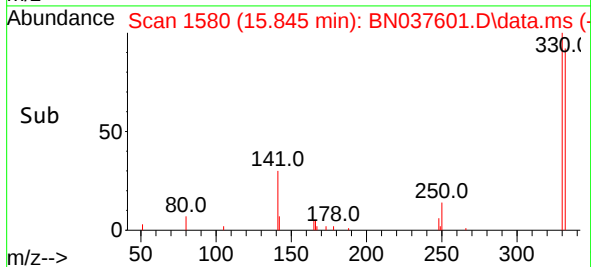
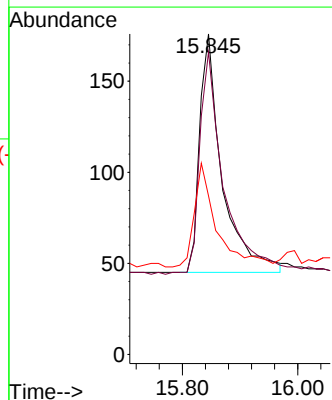
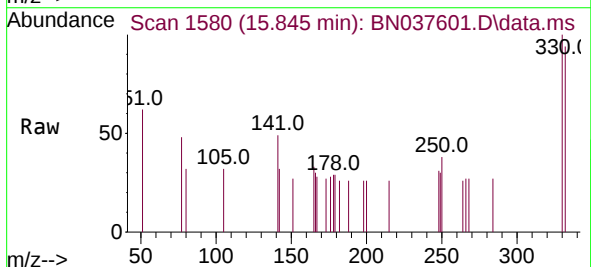
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ClientSampleId :
PB169286BL

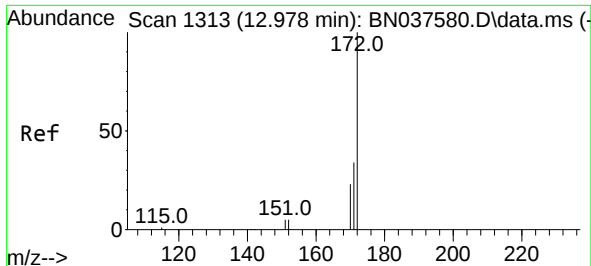
Tgt Ion:164 Resp: 3299
Ion Ratio Lower Upper
164 100
162 105.3 85.5 128.3
160 59.3 49.5 74.3



#14
2,4,6-Tribromophenol
Concen: 0.245 ng
RT: 15.845 min Scan# 1580
Delta R.T. 0.013 min
Lab File: BN037601.D
Acq: 19 Aug 2025 11:16

Tgt Ion:330 Resp: 354
Ion Ratio Lower Upper
330 100
332 101.4 77.4 116.0
141 43.2 30.9 46.3

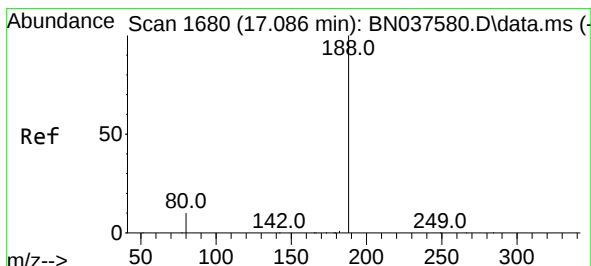
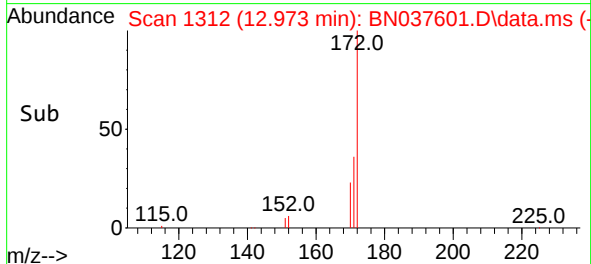
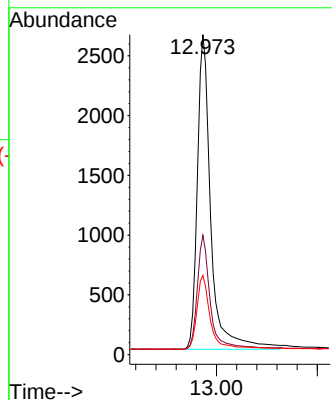
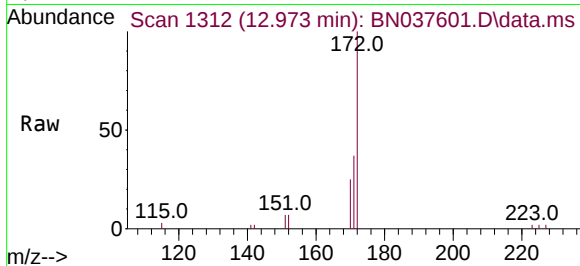




#15
2-Fluorobiphenyl
Concen: 0.351 ng
RT: 12.973 min Scan# 1313
Delta R.T. -0.005 min
Lab File: BN037601.D
Acq: 19 Aug 2025 11:16

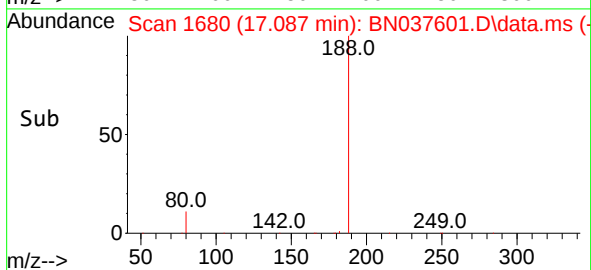
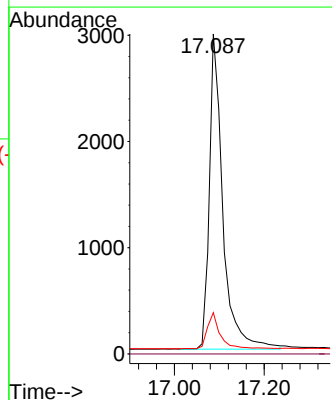
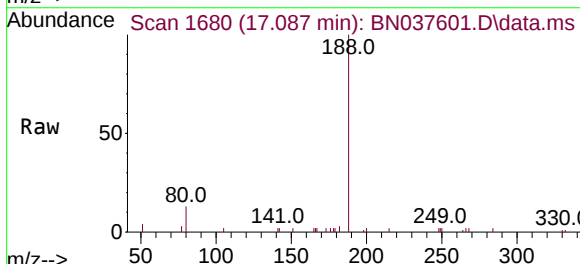
Instrument :
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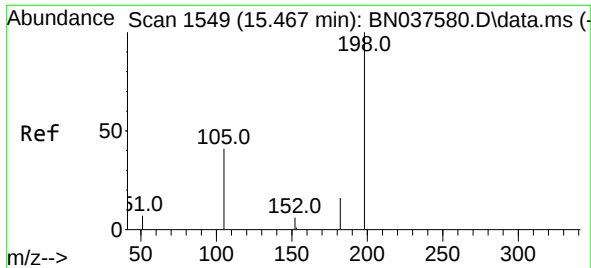
Tgt Ion:	172	Resp:	6705
Ion Ratio	Lower	Upper	
172	100		
171	37.3	28.2	42.4
170	24.8	19.2	28.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.087 min Scan# 1680
Delta R.T. 0.000 min
Lab File: BN037601.D
Acq: 19 Aug 2025 11:16

Tgt Ion:	188	Resp:	6205
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	12.9	9.1	13.7

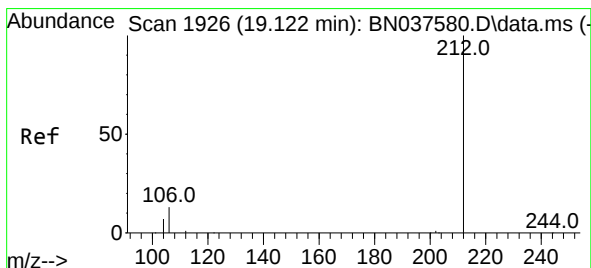
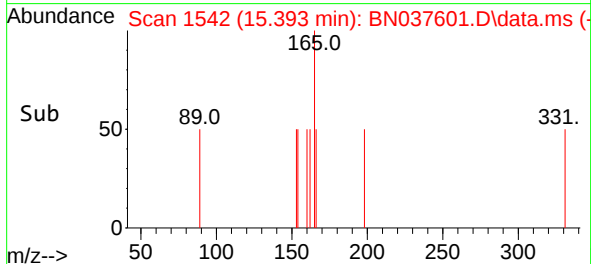
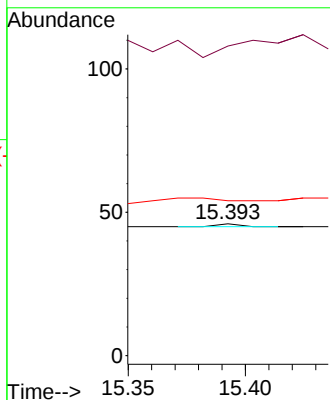
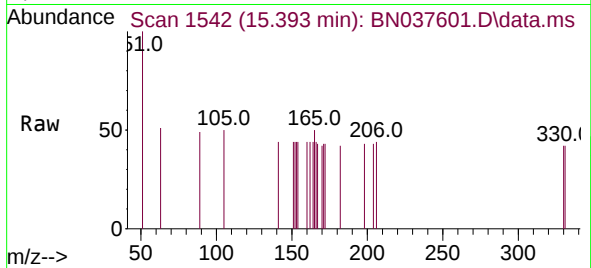




#20
4,6-Dinitro-2-methylphenol
Concen: 0.182 ng
RT: 15.393 min Scan# 1542
Delta R.T. -0.074 min
Lab File: BN037601.D
Acq: 19 Aug 2025 11:16

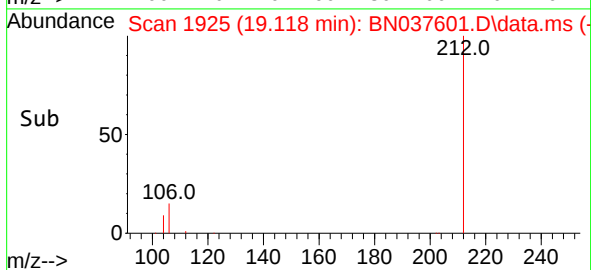
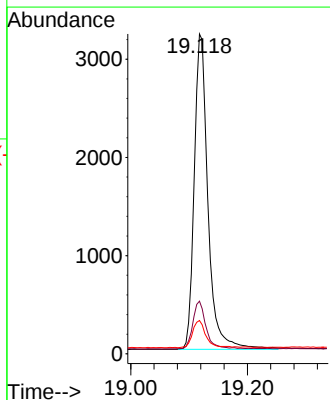
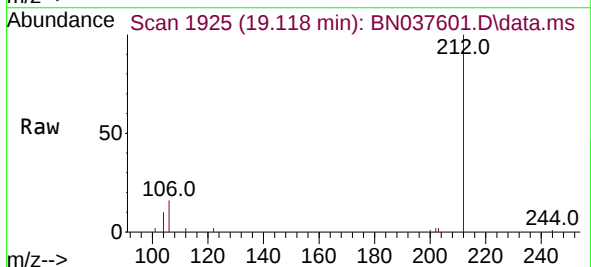
Instrument :
BNA_N
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PB169286BL

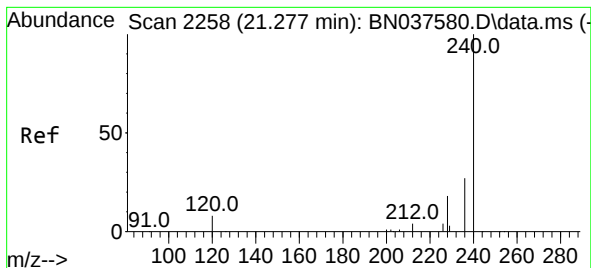
Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 234.8 81.0 121.6#
105 117.4 52.5 78.7#



#27
Fluoranthene-d10
Concen: 0.321 ng
RT: 19.118 min Scan# 1925
Delta R.T. -0.004 min
Lab File: BN037601.D
Acq: 19 Aug 2025 11:16

Tgt Ion:212 Resp: 5235
Ion Ratio Lower Upper
212 100
106 14.2 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: BN037601.D

Acq: 19 Aug 2025 11:16

Instrument :

BNA_N

ClientSampleId :

PB169286BL

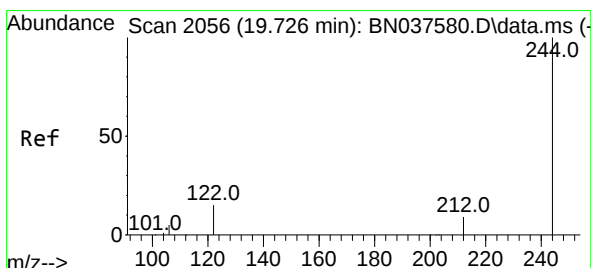
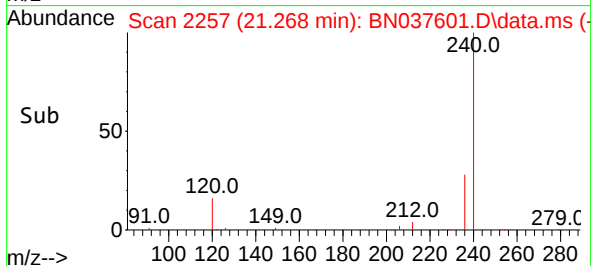
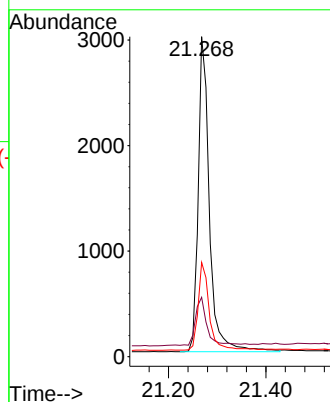
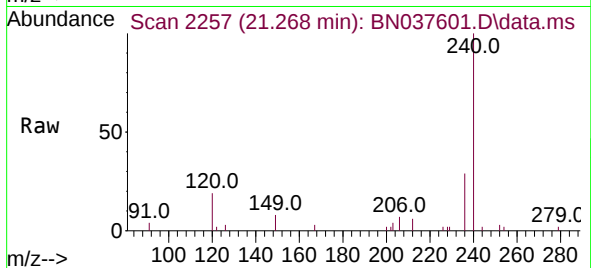
Tgt Ion:240 Resp: 4772

Ion Ratio Lower Upper

240 100

120 18.5 8.9 13.3#

236 29.4 22.6 33.8



#31

Terphenyl-d14

Concen: 0.387 ng

RT: 19.722 min Scan# 2055

Delta R.T. -0.004 min

Lab File: BN037601.D

Acq: 19 Aug 2025 11:16

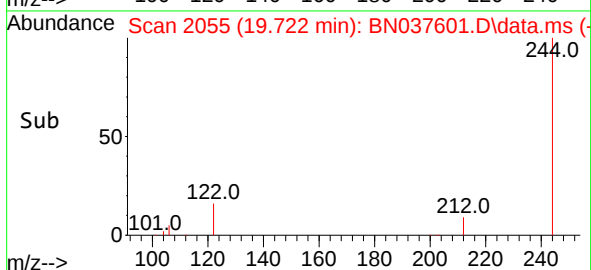
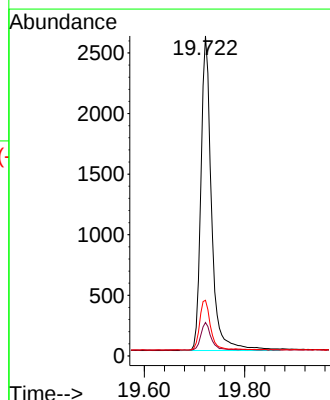
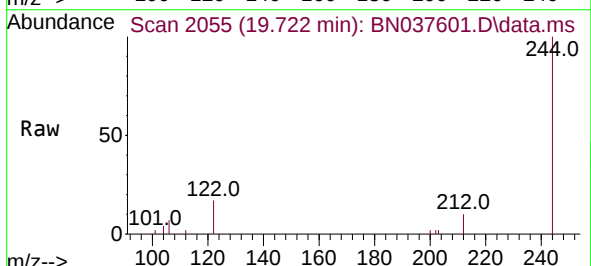
Tgt Ion:244 Resp: 3798

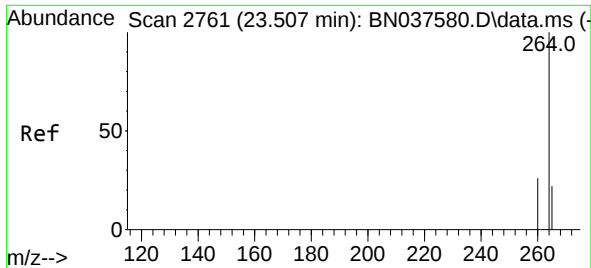
Ion Ratio Lower Upper

244 100

212 10.5 8.2 12.2

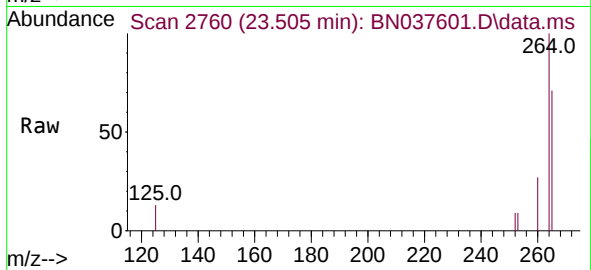
122 17.4 13.2 19.8





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.505 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BN037601.D
 Acq: 19 Aug 2025 11:16

Instrument :
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Tgt Ion:264 Resp: 4383

Ion	Ratio	Lower	Upper
264	100		
260	26.8	21.6	32.4
265	71.3	48.2	72.4

