

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073025\
 Data File : BN037549.D
 Acq On : 30 Jul 2025 10:14
 Operator : RC/JU
 Sample : PB169039BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB169039BL

Quant Time: Jul 30 10:40:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 19 01:46:16 2025
 Response via : Initial Calibration

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

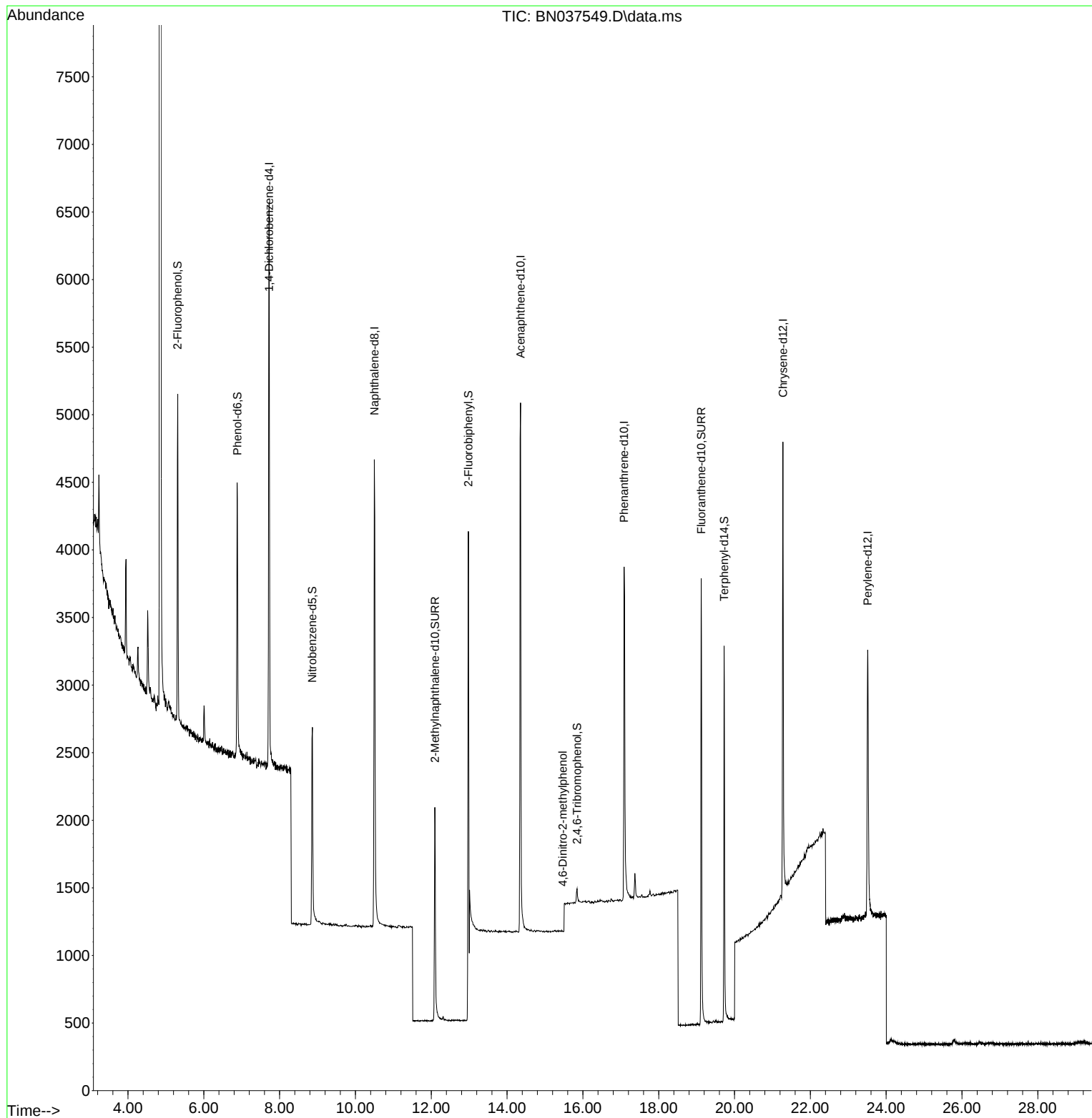
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	2234	0.400	ng	0.00
7) Naphthalene-d8	10.498	136	5448	0.400	ng	#-0.01
13) Acenaphthene-d10	14.356	164	2592	0.400	ng	0.00
19) Phenanthrene-d10	17.087	188	4582	0.400	ng	#-0.01
29) Chrysene-d12	21.277	240	3451	0.400	ng	0.00
35) Perylene-d12	23.513	264	3078	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.312	112	1854	0.336	ng	0.00
5) Phenol-d6	6.887	99	2058	0.297	ng	0.00
8) Nitrobenzene-d5	8.865	82	1449	0.356	ng	0.00
11) 2-Methylnaphthalene-d10	12.096	152	2579	0.330	ng	0.00
14) 2,4,6-Tribromophenol	15.845	330	86	0.067	ng	0.00
15) 2-Fluorobiphenyl	12.978	172	5158	0.383	ng	0.00
27) Fluoranthene-d10	19.122	212	4163	0.343	ng	0.00
31) Terphenyl-d14	19.726	244	2950	0.398	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.467	198	1	0.095	ng	Qvalue # 36

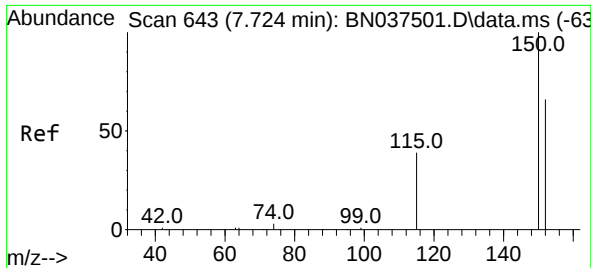
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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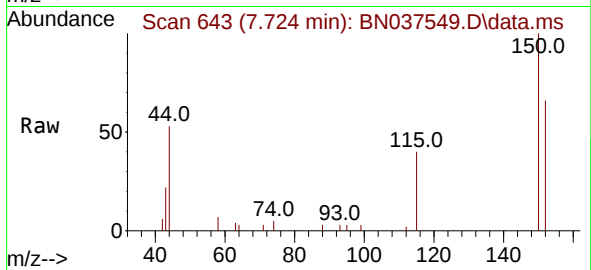
Quant Time: Jul 30 10:40:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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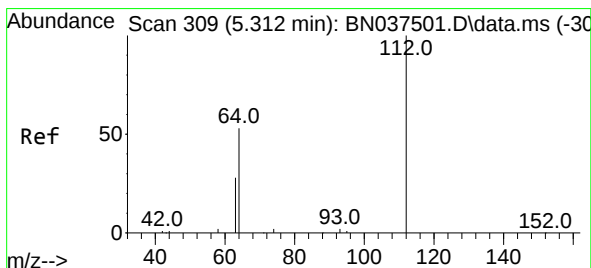
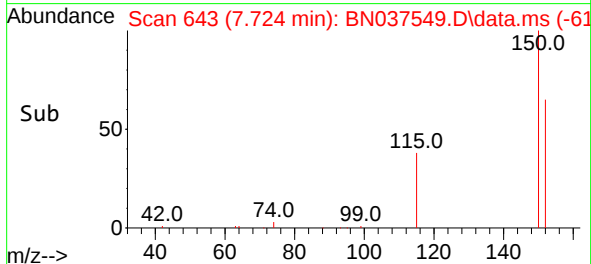
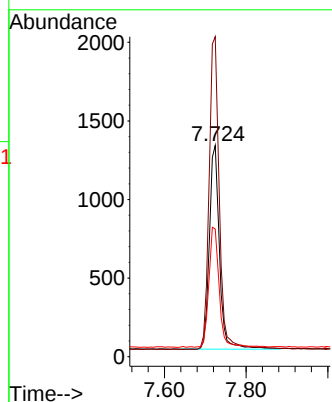
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.724 min Scan# 643
 Delta R.T. 0.000 min
 Lab File: BN037549.D
 Acq: 30 Jul 2025 10:14

Instrument :
 BNA_N
 ClientSampleId :
 PB169039BL



Tgt Ion:152 Resp: 2234

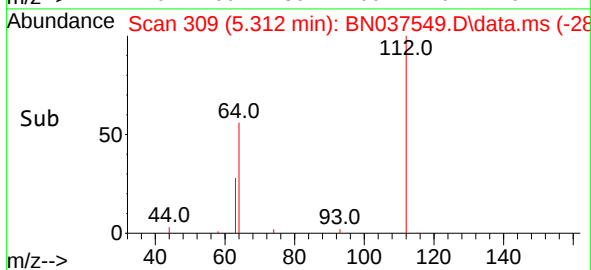
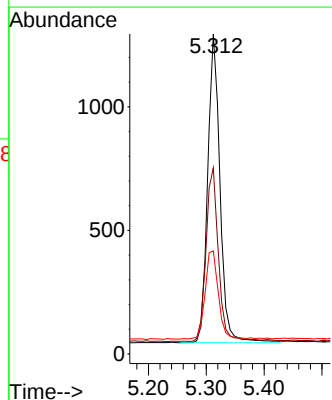
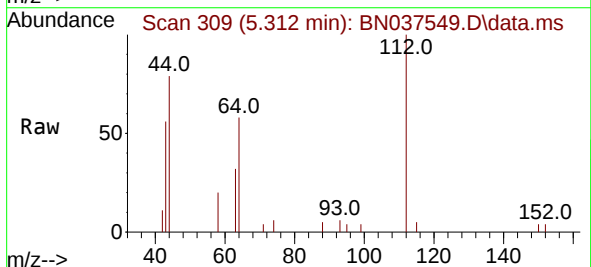
Ion	Ratio	Lower	Upper
152	100		
150	151.5	119.8	179.8
115	60.4	49.1	73.7

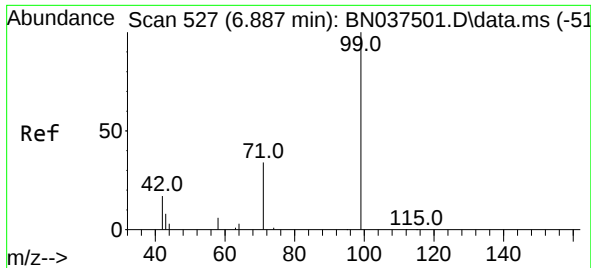


#4
 2-Fluorophenol
 Concen: 0.336 ng
 RT: 5.312 min Scan# 309
 Delta R.T. 0.000 min
 Lab File: BN037549.D
 Acq: 30 Jul 2025 10:14

Tgt Ion:112 Resp: 1854

Ion	Ratio	Lower	Upper
112	100		
64	56.6	45.1	67.7
63	30.6	23.8	35.8

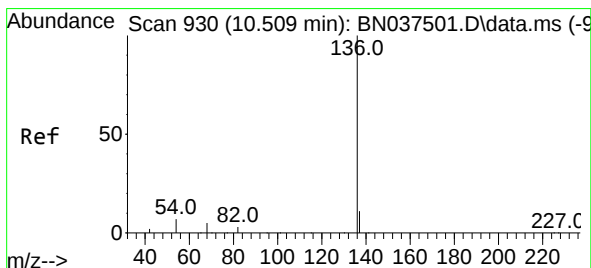
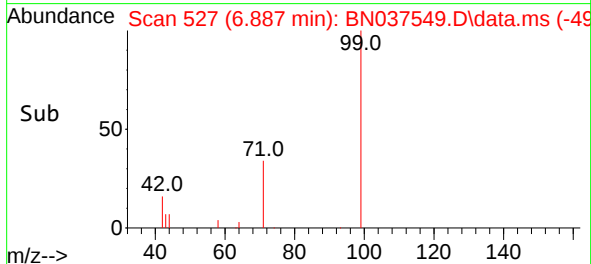
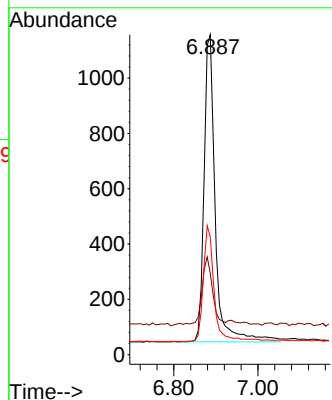
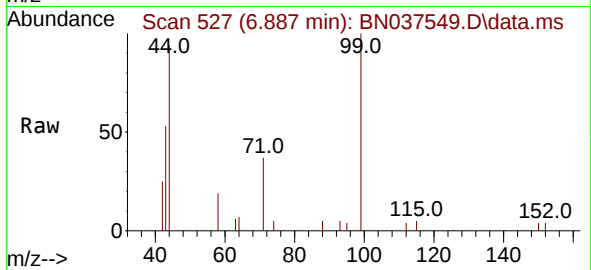




#5
Phenol-d6
Concen: 0.297 ng
RT: 6.887 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN037549.D
Acq: 30 Jul 2025 10:14

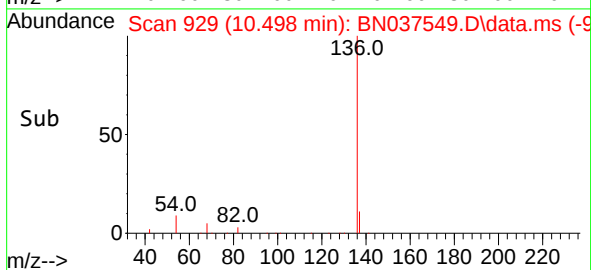
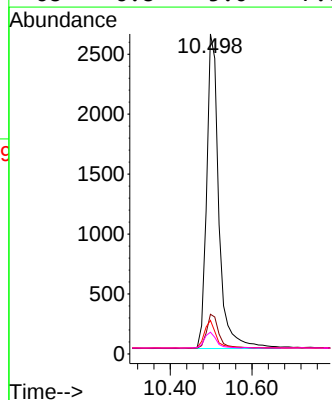
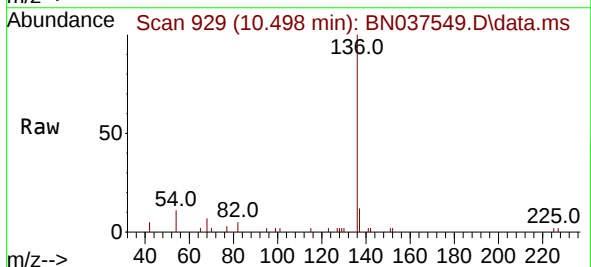
Instrument :
BNA_N
ClientSampleId :
PB169039BL

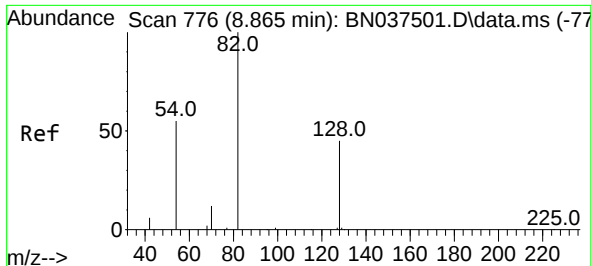
Tgt Ion:	99	Resp:	2058
Ion	Ratio	Lower	Upper
99	100		
42	20.7	17.1	25.7
71	37.0	27.8	41.8



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.498 min Scan# 929
Delta R.T. -0.011 min
Lab File: BN037549.D
Acq: 30 Jul 2025 10:14

Tgt Ion:	136	Resp:	5448
Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.8	14.8
54	10.5	6.6	9.8#
68	6.8	5.0	7.6

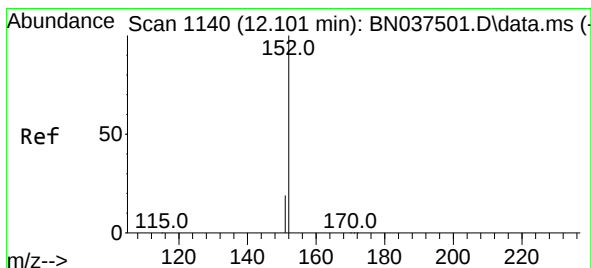
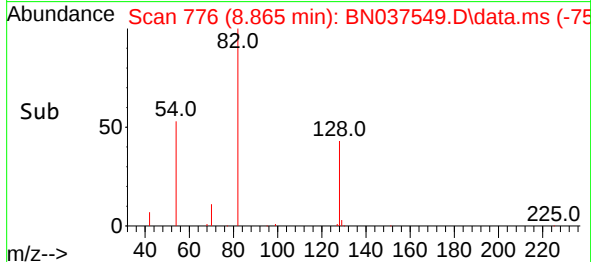
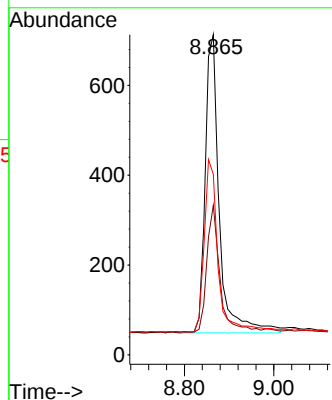
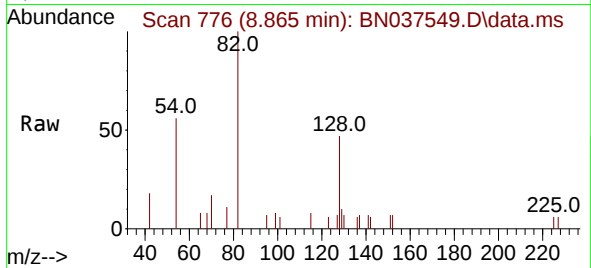




#8
 Nitrobenzene-d5
 Concen: 0.356 ng
 RT: 8.865 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BN037549.D
 Acq: 30 Jul 2025 10:14

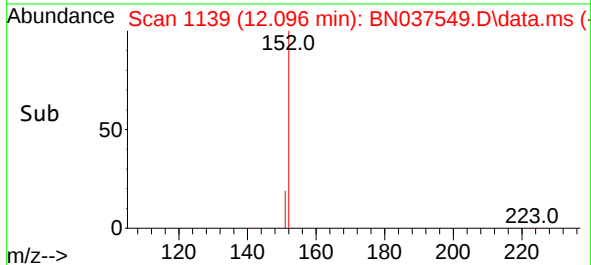
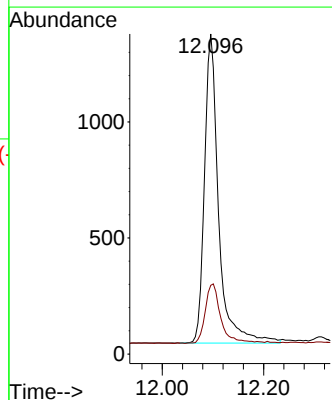
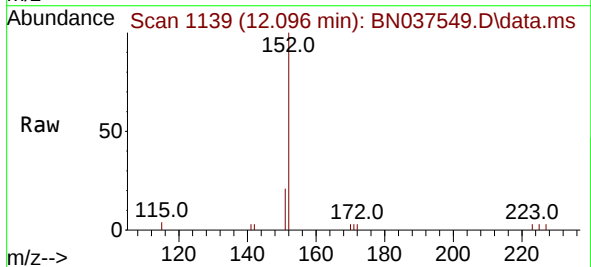
Instrument :
 BNA_N
 ClientSampleId :
 PB169039BL

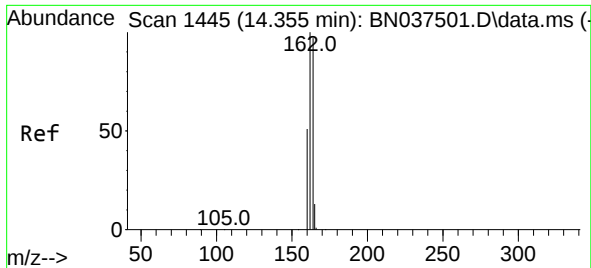
Tgt Ion: 82 Resp: 1449
 Ion Ratio Lower Upper
 82 100
 128 46.7 37.5 56.3
 54 56.4 45.3 67.9



#11
 2-Methylnaphthalene-d10
 Concen: 0.330 ng
 RT: 12.096 min Scan# 1139
 Delta R.T. -0.005 min
 Lab File: BN037549.D
 Acq: 30 Jul 2025 10:14

Tgt Ion: 152 Resp: 2579
 Ion Ratio Lower Upper
 152 100
 151 21.4 16.8 25.2

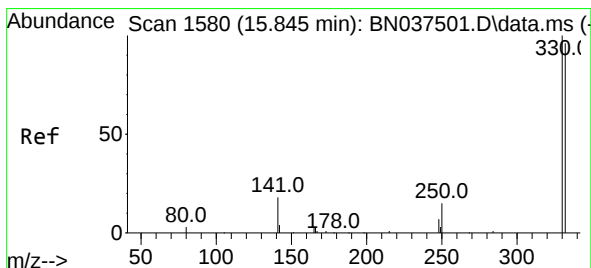
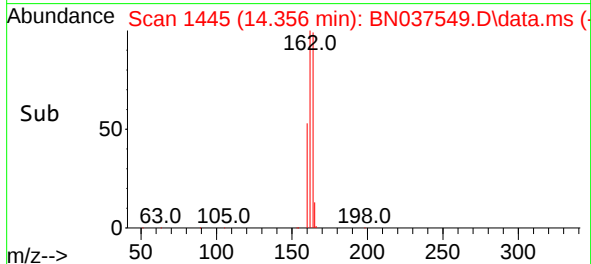
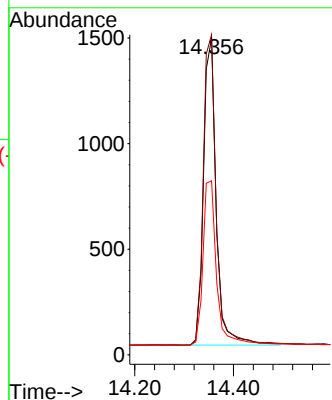
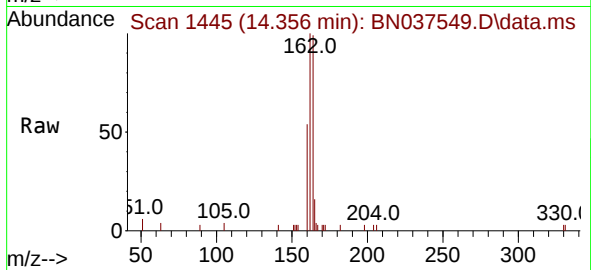




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.356 min Scan# 1445
Delta R.T. 0.000 min
Lab File: BN037549.D
Acq: 30 Jul 2025 10:14

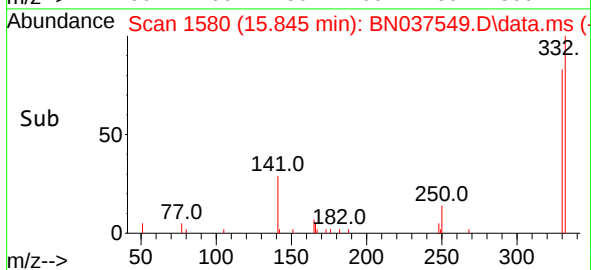
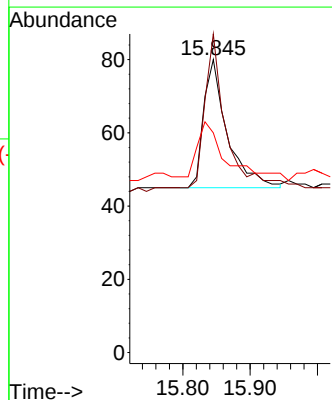
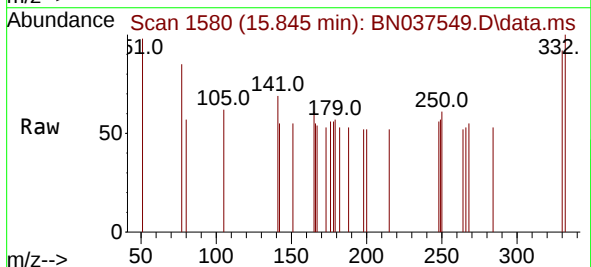
Instrument :
BNA_N
ClientSampleId :
PB169039BL

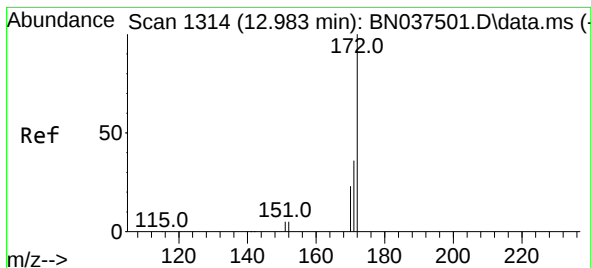
Tgt Ion:164 Resp: 2592
Ion Ratio Lower Upper
164 100
162 101.1 82.0 123.0
160 54.9 42.4 63.6



#14
2,4,6-Tribromophenol
Concen: 0.067 ng
RT: 15.845 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BN037549.D
Acq: 30 Jul 2025 10:14

Tgt Ion:330 Resp: 86
Ion Ratio Lower Upper
330 100
332 104.7 76.1 114.1
141 55.8 33.4 50.0#





#15

2-Fluorobiphenyl

Concen: 0.383 ng

RT: 12.978 min Scan# 11

Delta R.T. -0.005 min

Lab File: BN037549.D

Acq: 30 Jul 2025 10:14

Instrument :

BNA_N

ClientSampleId :

PB169039BL

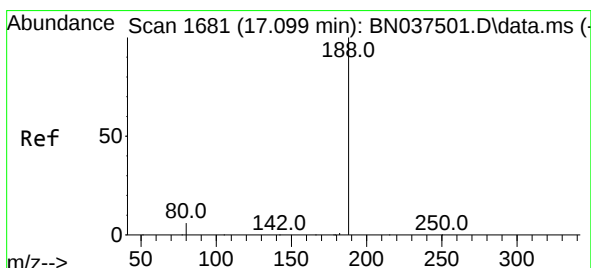
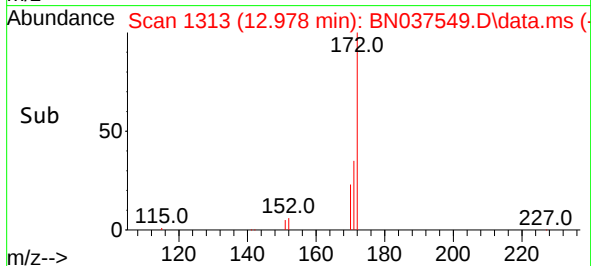
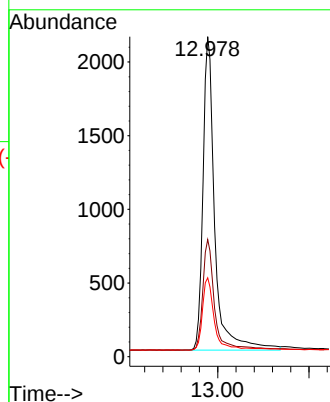
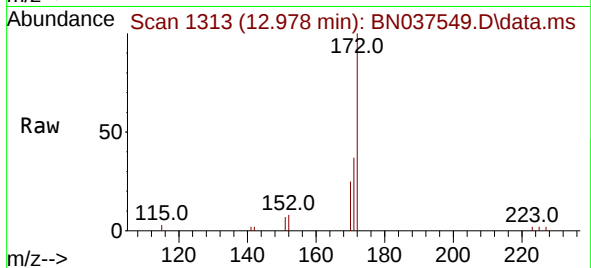
Tgt Ion:172 Resp: 5158

Ion Ratio Lower Upper

172 100

171 36.6 29.4 44.2

170 24.7 19.4 29.0



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.087 min Scan# 1680

Delta R.T. -0.012 min

Lab File: BN037549.D

Acq: 30 Jul 2025 10:14

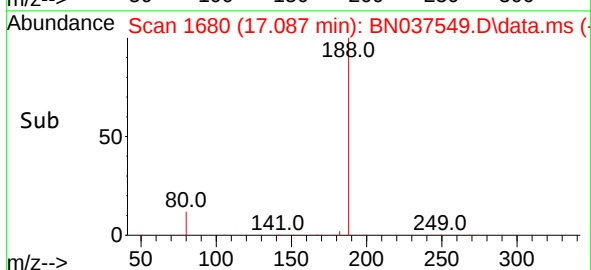
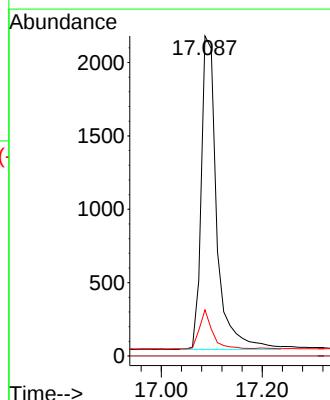
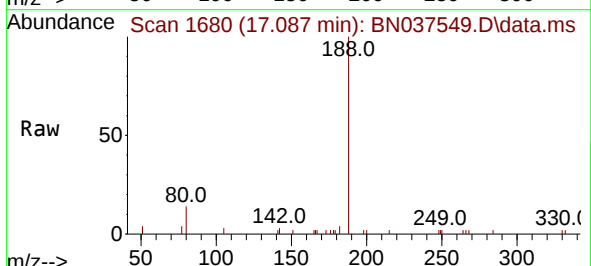
Tgt Ion:188 Resp: 4582

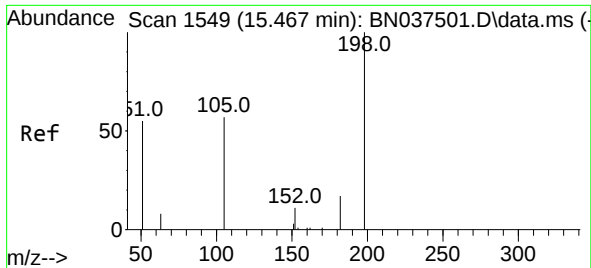
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 14.4 6.0 9.0#

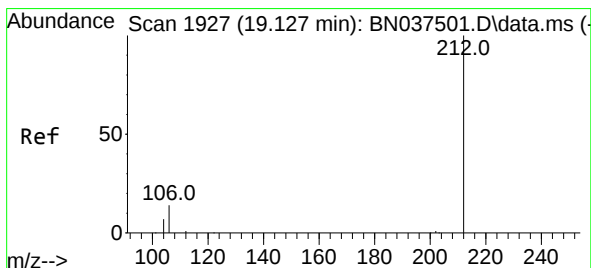
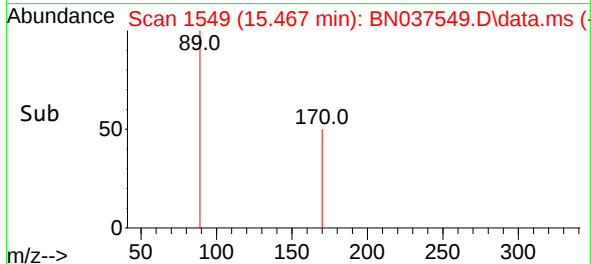
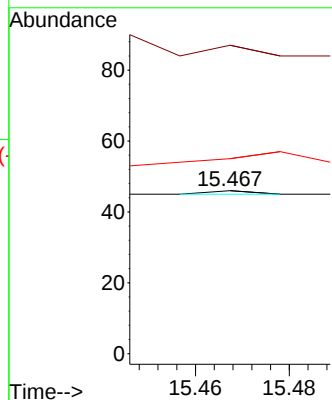
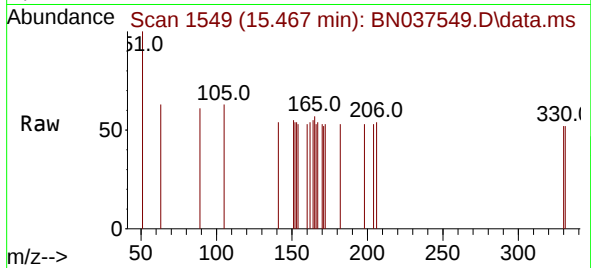




#20
4,6-Dinitro-2-methylphenol
Concen: 0.095 ng
RT: 15.467 min Scan# 1549
Delta R.T. 0.000 min
Lab File: BN037549.D
Acq: 30 Jul 2025 10:14

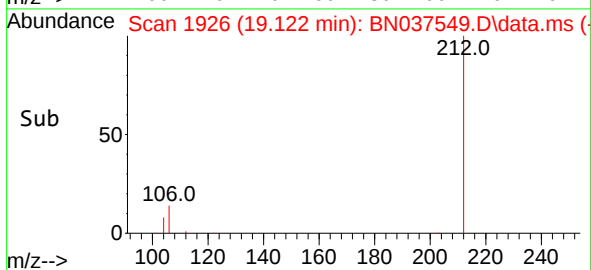
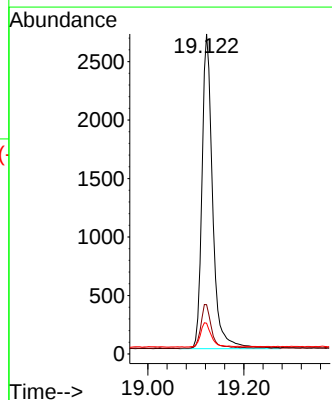
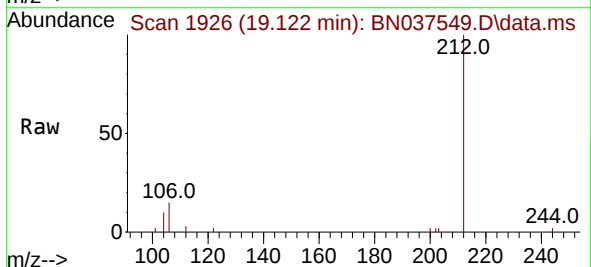
Instrument :
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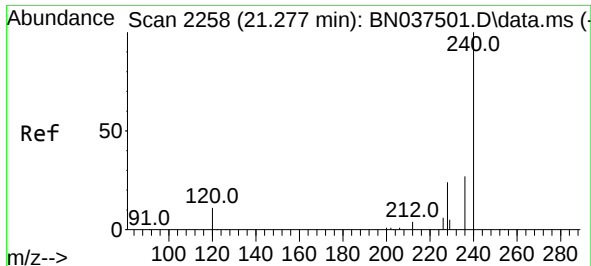
Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 189.1 88.5 132.7#
105 119.6 61.2 91.8#



#27
Fluoranthene-d10
Concen: 0.343 ng
RT: 19.122 min Scan# 1926
Delta R.T. -0.005 min
Lab File: BN037549.D
Acq: 30 Jul 2025 10:14

Tgt Ion:212 Resp: 4163
Ion Ratio Lower Upper
212 100
106 14.0 12.2 18.4
104 8.0 6.7 10.1

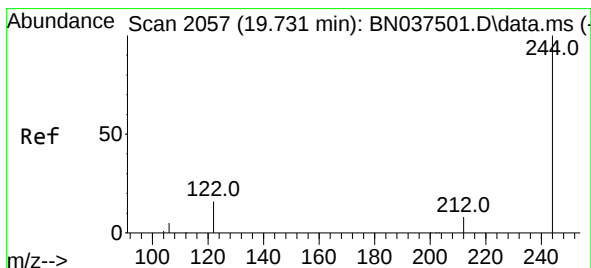
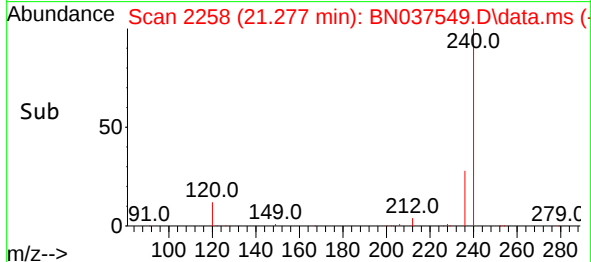
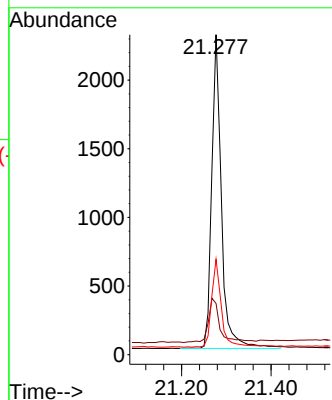
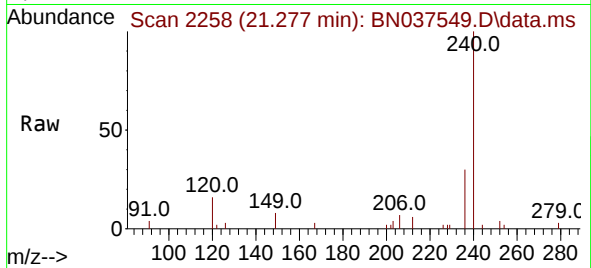




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.277 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN037549.D
Acq: 30 Jul 2025 10:14

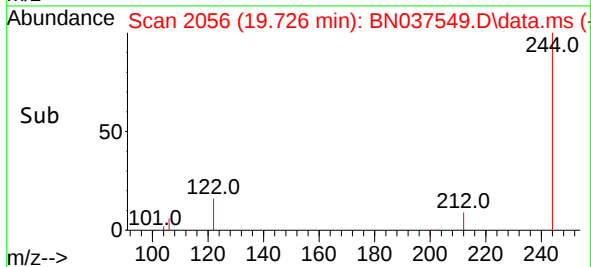
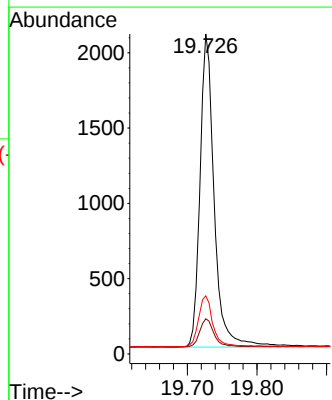
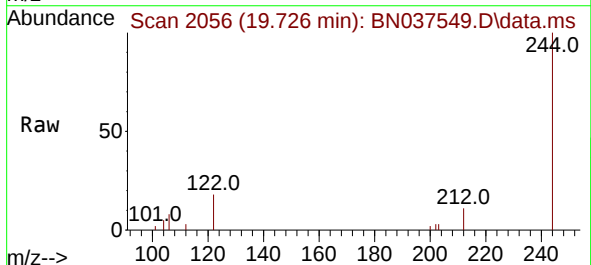
Instrument :
BNA_N
ClientSampleId :
PB169039BL

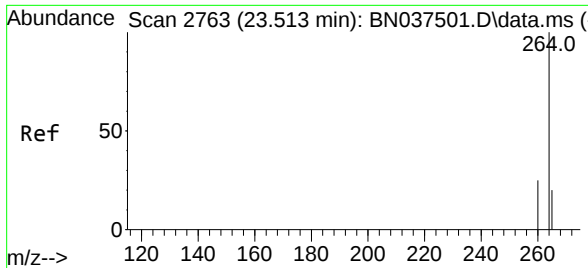
Tgt Ion:240 Resp: 3451
Ion Ratio Lower Upper
240 100
120 16.0 10.7 16.1
236 29.8 22.6 33.8



#31
Terphenyl-d14
Concen: 0.398 ng
RT: 19.726 min Scan# 2056
Delta R.T. -0.005 min
Lab File: BN037549.D
Acq: 30 Jul 2025 10:14

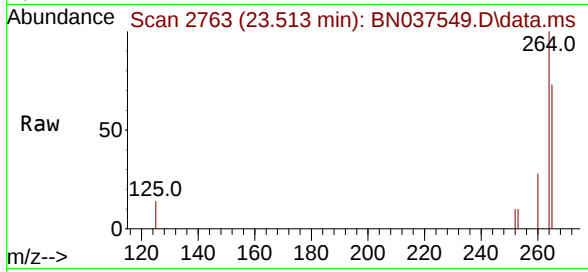
Tgt Ion:244 Resp: 2950
Ion Ratio Lower Upper
244 100
212 11.0 7.4 11.2
122 18.2 13.6 20.4





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.513 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN037549.D
Acq: 30 Jul 2025 10:14

Instrument :
BNA_N
ClientSampleId :
PB169039BL



Tgt Ion:	264	Resp:	3078
Ion	Ratio	Lower	Upper
264	100		
260	27.8	21.2	31.8
265	73.3	40.4	60.6

