

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072225\
 Data File : BN037533.D
 Acq On : 22 Jul 2025 11:28
 Operator : RC/JU
 Sample : PB168952BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB168952BL

Quant Time: Jul 22 11:54:45 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	3218	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	8001	0.400	ng	0.00
13) Acenaphthene-d10	14.356	164	4007	0.400	ng	0.00
19) Phenanthrene-d10	17.099	188	6964	0.400	ng	0.00
29) Chrysene-d12	21.277	240	4782	0.400	ng	0.00
35) Perylene-d12	23.513	264	4734	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.312	112	2663	0.335	ng	0.00
5) Phenol-d6	6.887	99	3019	0.302	ng	0.00
8) Nitrobenzene-d5	8.865	82	1976	0.330	ng	0.00
11) 2-Methylnaphthalene-d10	12.096	152	3640	0.317	ng	0.00
14) 2,4,6-Tribromophenol	15.845	330	232	0.118	ng	0.00
15) 2-Fluorobiphenyl	12.983	172	7692	0.369	ng	0.00
27) Fluoranthene-d10	19.122	212	5631	0.305	ng	0.00
31) Terphenyl-d14	19.726	244	3896	0.379	ng	0.00

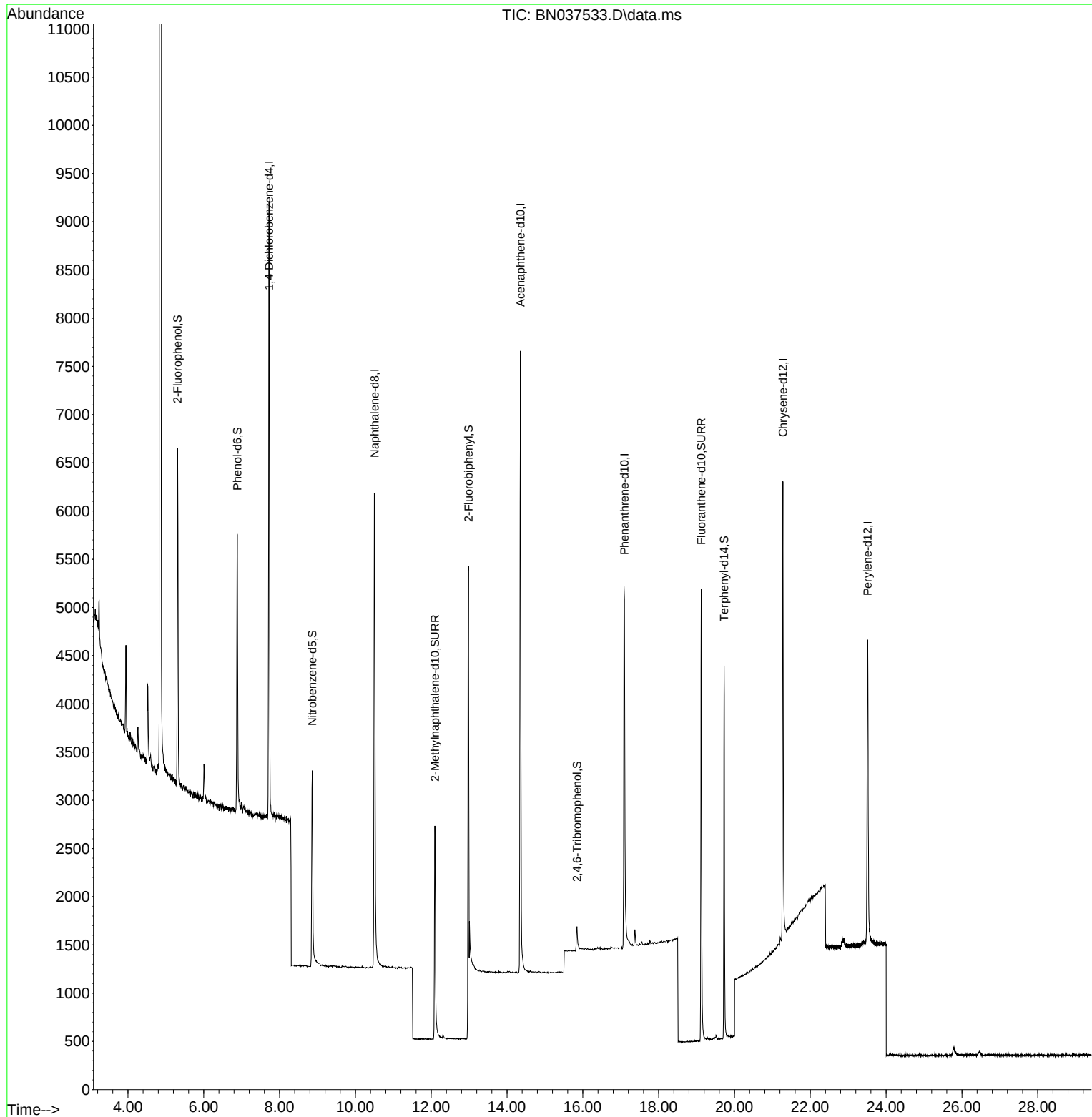
Target Compounds Qvalue

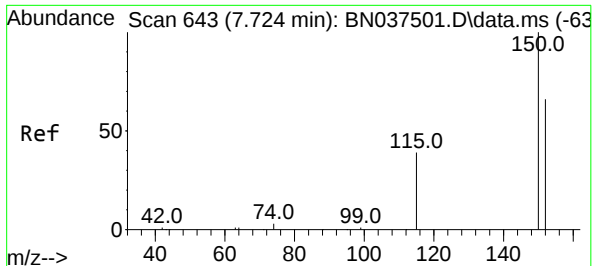
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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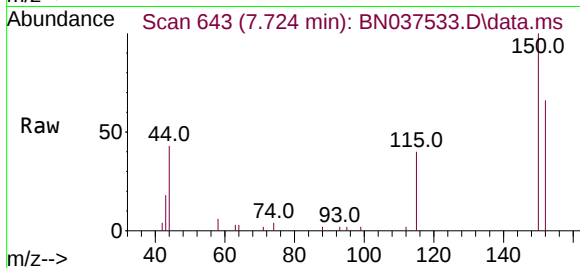
Quant Time: Jul 22 11:54:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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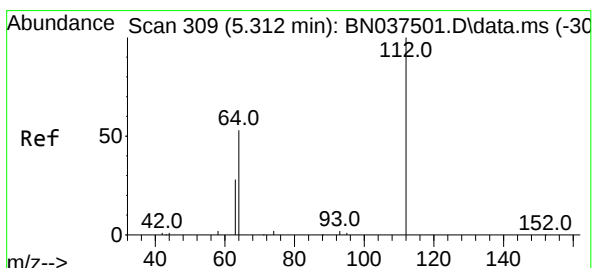
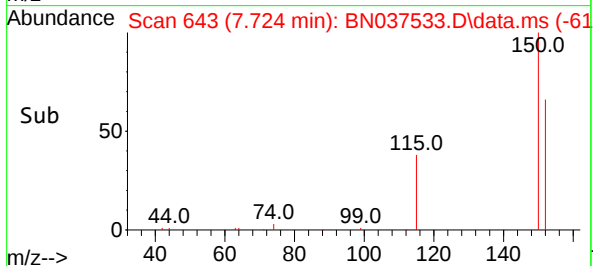
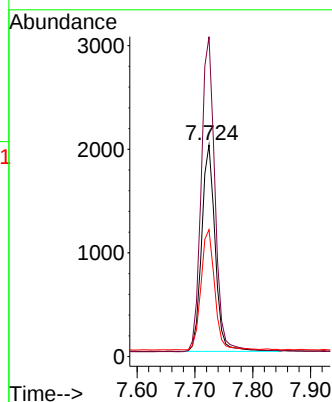


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.724 min Scan# 64
Delta R.T. 0.000 min
Lab File: BN037533.D
Acq: 22 Jul 2025 11:28

Instrument :
BNA_N
ClientSampleId :
PB168952BL

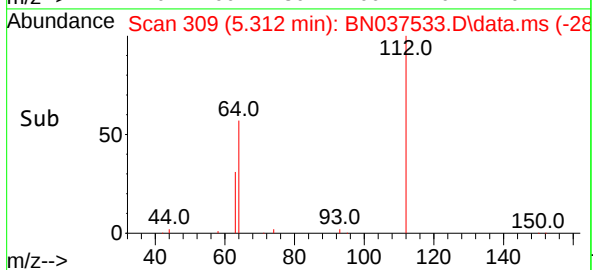
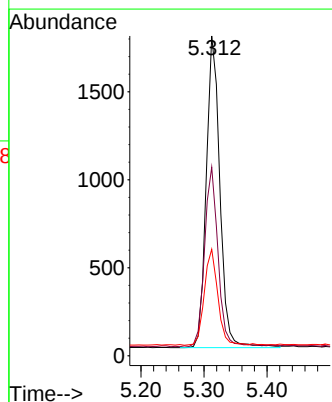
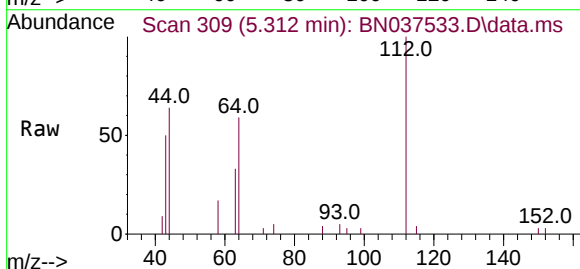


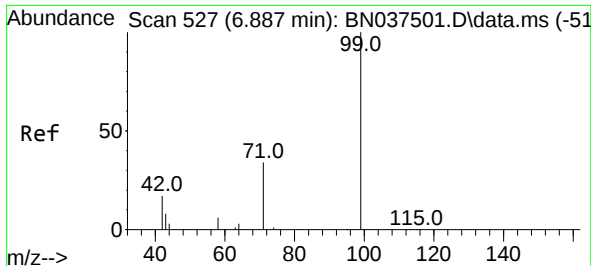
Tgt Ion:152 Resp: 3218
Ion Ratio Lower Upper
152 100
150 151.2 119.8 179.8
115 60.0 49.1 73.7



#4
2-Fluorophenol
Concen: 0.335 ng
RT: 5.312 min Scan# 309
Delta R.T. 0.000 min
Lab File: BN037533.D
Acq: 22 Jul 2025 11:28

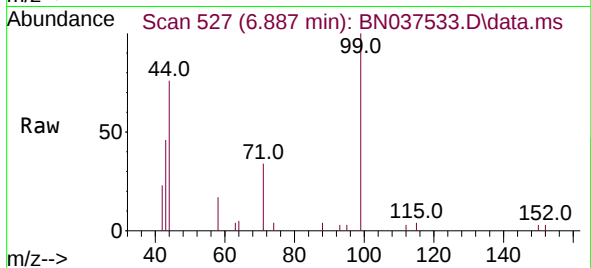
Tgt Ion:112 Resp: 2663
Ion Ratio Lower Upper
112 100
64 57.0 45.1 67.7
63 30.3 23.8 35.8



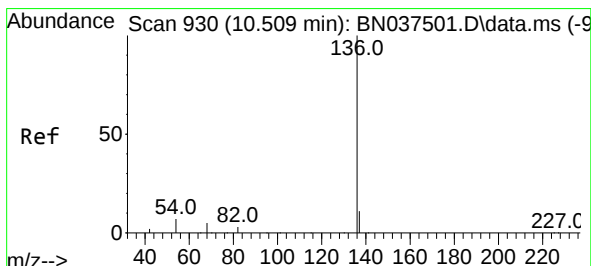
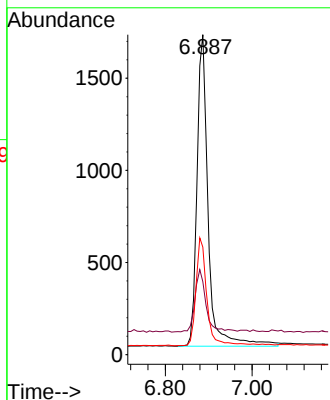
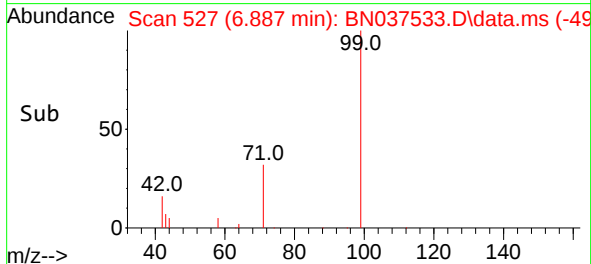


#5
Phenol-d6
Concen: 0.302 ng
RT: 6.887 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN037533.D
Acq: 22 Jul 2025 11:28

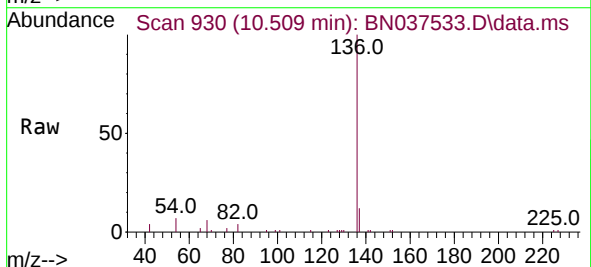
Instrument :
BNA_N
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PB168952BL



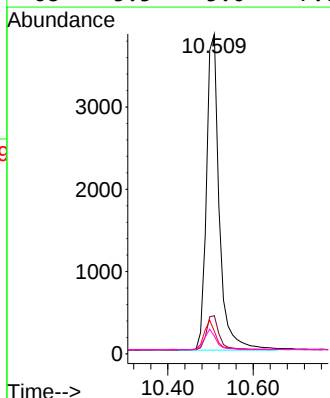
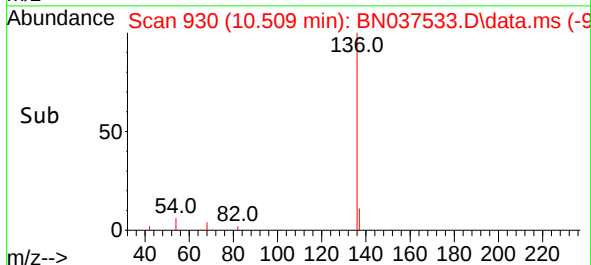
Tgt Ion:	99	Resp:	3019
Ion	Ratio	Lower	Upper
99	100		
42	19.4	17.1	25.7
71	33.8	27.8	41.8

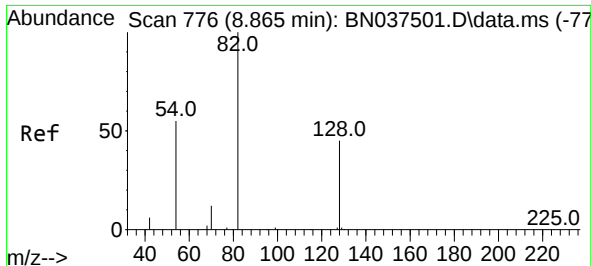


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 930
Delta R.T. 0.000 min
Lab File: BN037533.D
Acq: 22 Jul 2025 11:28



Tgt Ion:	136	Resp:	8001
Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.8	14.8
54	7.0	6.6	9.8
68	5.5	5.0	7.6

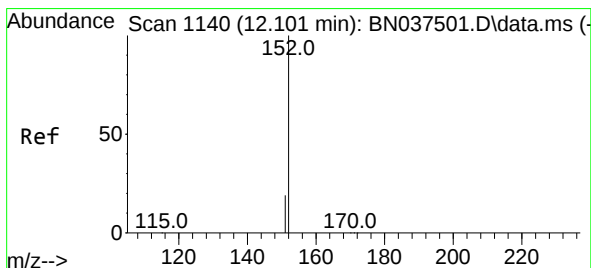
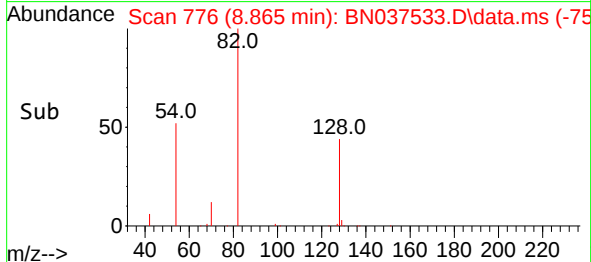
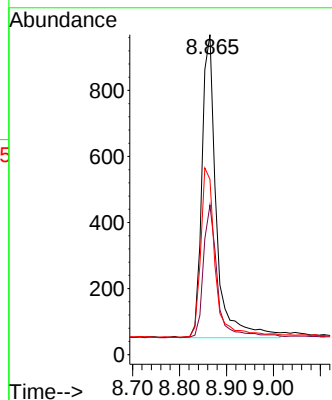
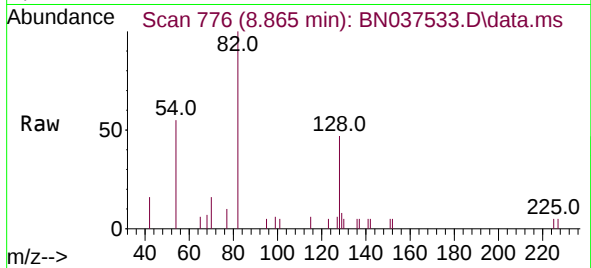




#8
 Nitrobenzene-d5
 Concen: 0.330 ng
 RT: 8.865 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BN037533.D
 Acq: 22 Jul 2025 11:28

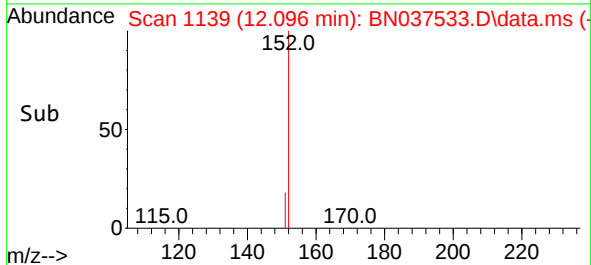
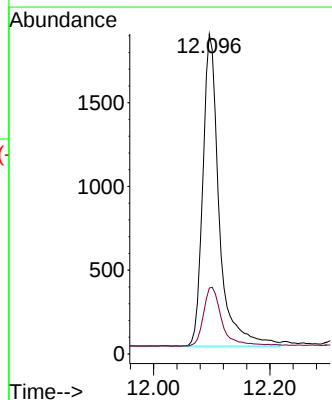
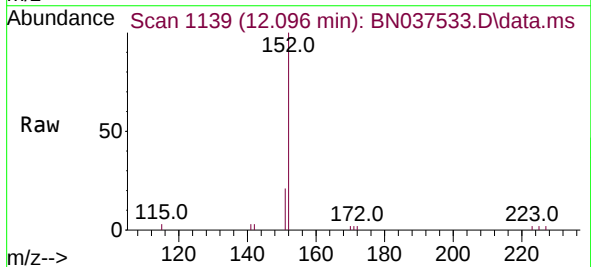
Instrument :
 BNA_N
 ClientSampleId :
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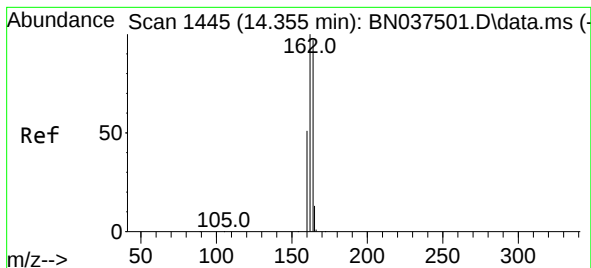
Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.7	37.5	56.3
54	54.8	45.3	67.9



#11
 2-Methylnaphthalene-d10
 Concen: 0.317 ng
 RT: 12.096 min Scan# 1139
 Delta R.T. -0.005 min
 Lab File: BN037533.D
 Acq: 22 Jul 2025 11:28

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.6	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: BN037533.D

Acq: 22 Jul 2025 11:28

Instrument :

BNA_N

ClientSampleId :

PB168952BL

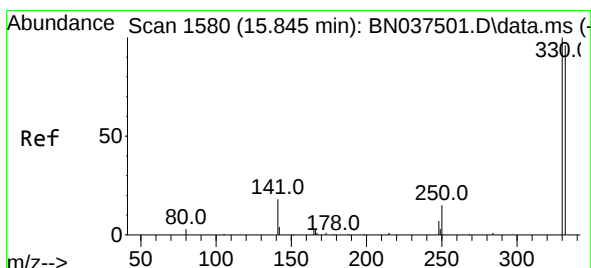
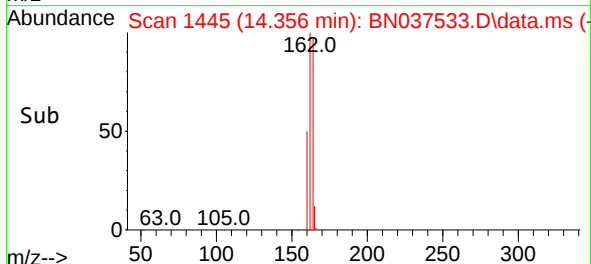
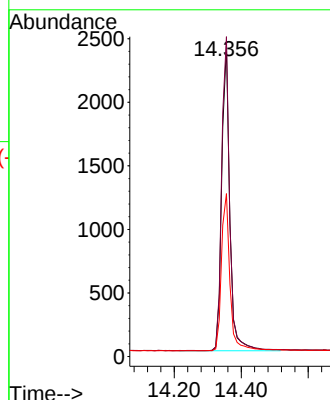
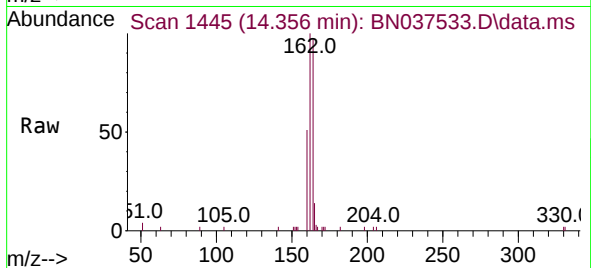
Tgt Ion:164 Resp: 4007

Ion Ratio Lower Upper

164 100

162 102.9 82.0 123.0

160 52.4 42.4 63.6



#14

2,4,6-Tribromophenol

Concen: 0.118 ng

RT: 15.845 min Scan# 1580

Delta R.T. 0.000 min

Lab File: BN037533.D

Acq: 22 Jul 2025 11:28

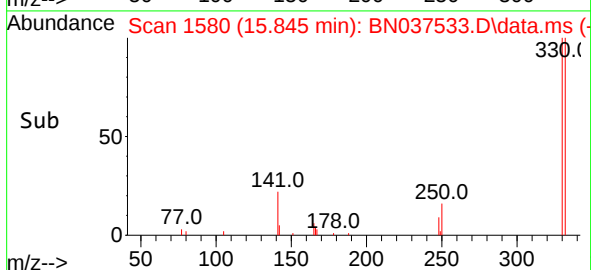
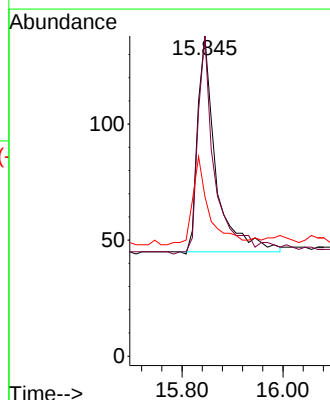
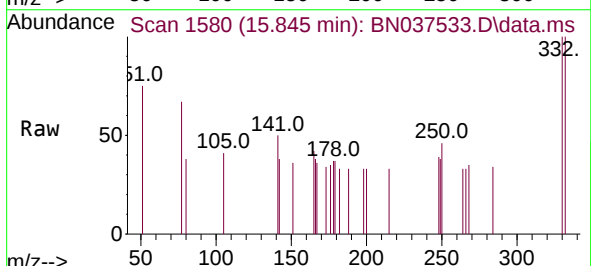
Tgt Ion:330 Resp: 232

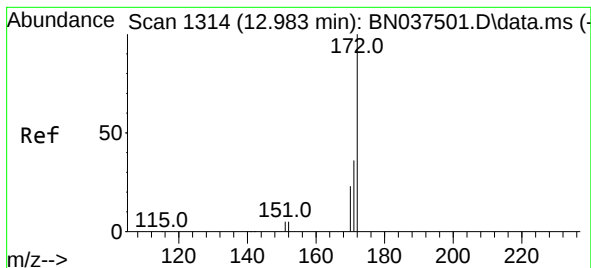
Ion Ratio Lower Upper

330 100

332 94.8 76.1 114.1

141 37.5 33.4 50.0

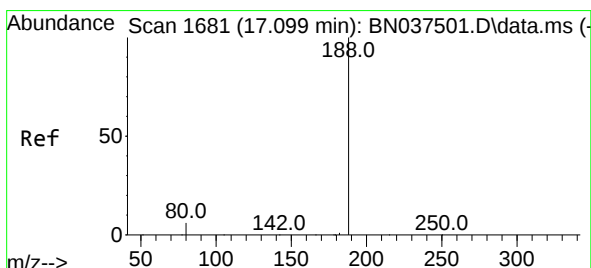
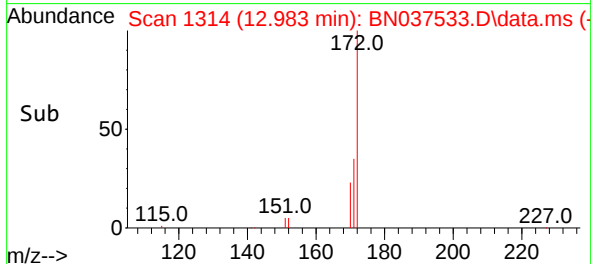
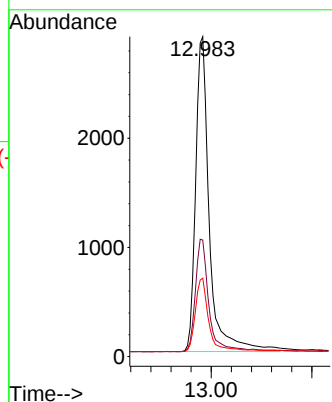
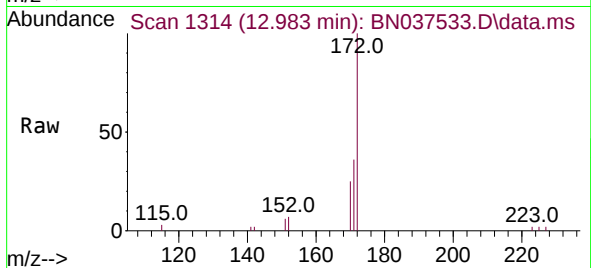




#15
2-Fluorobiphenyl
Concen: 0.369 ng
RT: 12.983 min Scan# 1314
Delta R.T. 0.000 min
Lab File: BN037533.D
Acq: 22 Jul 2025 11:28

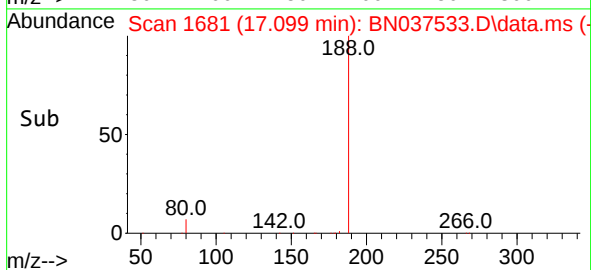
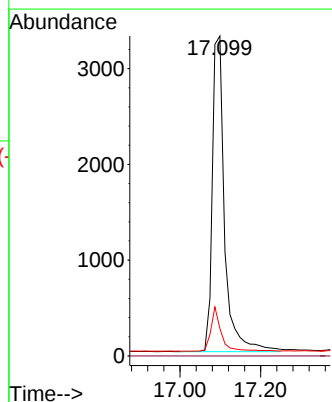
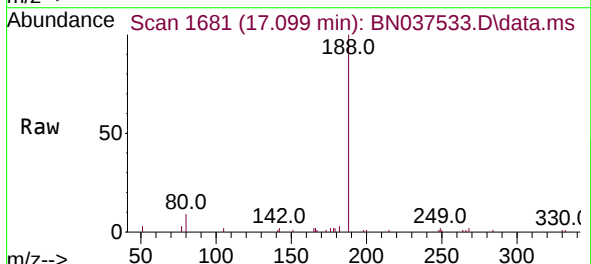
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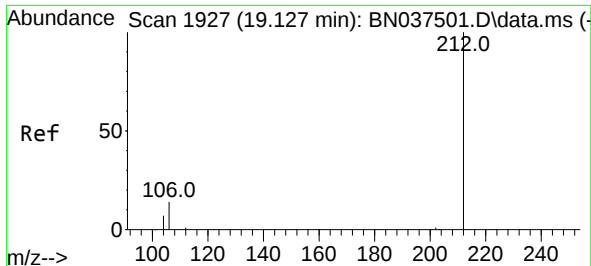
Tgt Ion:	172	Resp:	7692
Ion Ratio	Lower	Upper	
172	100		
171	36.4	29.4	44.2
170	24.5	19.4	29.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.099 min Scan# 1681
Delta R.T. 0.000 min
Lab File: BN037533.D
Acq: 22 Jul 2025 11:28

Tgt Ion:	188	Resp:	6964
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	8.6	6.0	9.0

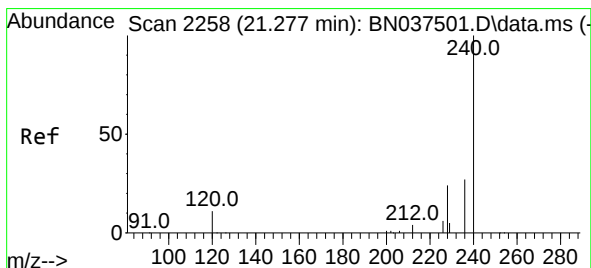
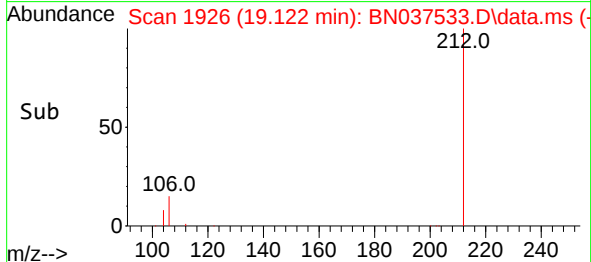
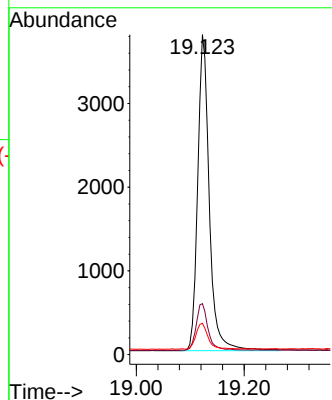
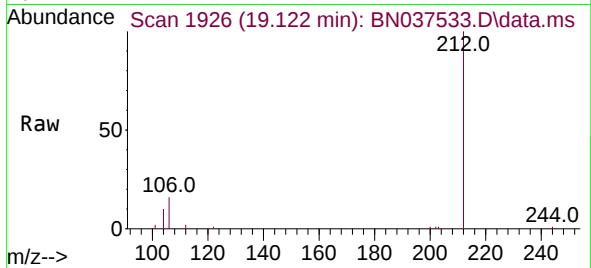




#27
Fluoranthene-d10
Concen: 0.305 ng
RT: 19.122 min Scan# 1926
Delta R.T. -0.005 min
Lab File: BN037533.D
Acq: 22 Jul 2025 11:28

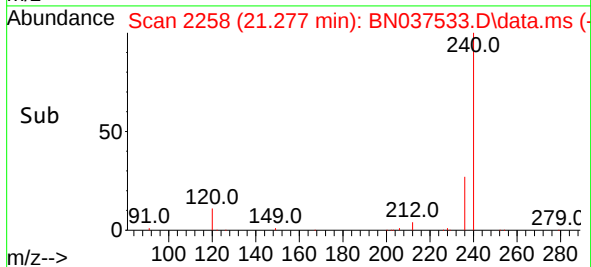
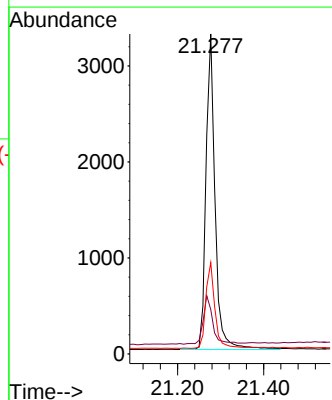
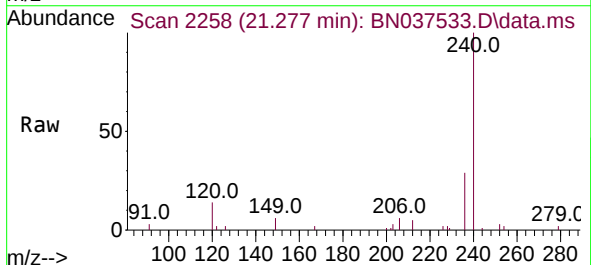
Instrument :
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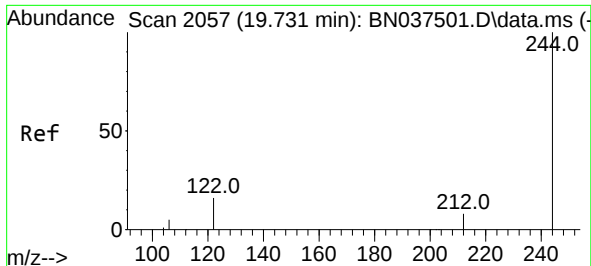
Tgt Ion:212 Resp: 5631
Ion Ratio Lower Upper
212 100
106 15.2 12.2 18.4
104 8.5 6.7 10.1



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.277 min Scan# 2258
Delta R.T. 0.000 min
Lab File: BN037533.D
Acq: 22 Jul 2025 11:28

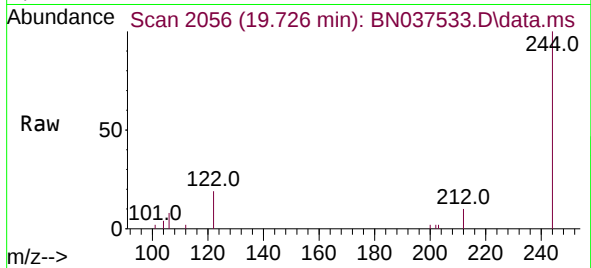
Tgt Ion:240 Resp: 4782
Ion Ratio Lower Upper
240 100
120 13.9 10.7 16.1
236 28.5 22.6 33.8



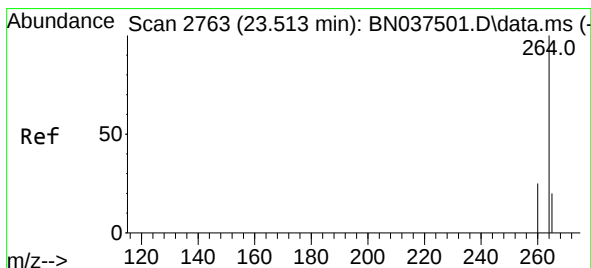
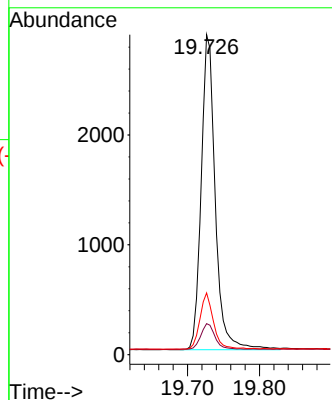


#31
Terphenyl-d14
Concen: 0.379 ng
RT: 19.726 min Scan# 2056
Delta R.T. -0.005 min
Lab File: BN037533.D
Acq: 22 Jul 2025 11:28

Instrument :
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Tgt Ion:244 Resp: 3896
Ion Ratio Lower Upper
244 100
212 9.7 7.4 11.2
122 19.3 13.6 20.4



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.513 min Scan# 2763
Delta R.T. 0.000 min
Lab File: BN037533.D
Acq: 22 Jul 2025 11:28

Tgt Ion:264 Resp: 4734
Ion Ratio Lower Upper
264 100
260 26.6 21.2 31.8
265 59.1 40.4 60.6

