

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052725\
 Data File : BN037085.D
 Acq On : 27 May 2025 13:59
 Operator : RC/JU
 Sample : PB168100BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB168100BL

Quant Time: May 27 14:34:16 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 14 11:26:32 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	1946	0.400	ng	0.00
7) Naphthalene-d8	10.394	136	4792	0.400	ng	-0.01
13) Acenaphthene-d10	14.256	164	2445	0.400	ng	-0.01
19) Phenanthrene-d10	17.009	188	4294	0.400	ng	# 0.00
29) Chrysene-d12	21.206	240	2786	0.400	ng	# 0.00
35) Perylene-d12	23.401	264	2583	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.206	112	1745	0.342	ng	0.00
5) Phenol-d6	6.795	99	2064	0.324	ng	0.00
8) Nitrobenzene-d5	8.760	82	1795	0.344	ng	-0.01
11) 2-Methylnaphthalene-d10	11.991	152	2361	0.350	ng	0.00
14) 2,4,6-Tribromophenol	15.767	330	129	0.120	ng	0.00
15) 2-Fluorobiphenyl	12.883	172	4242	0.379	ng	0.00
27) Fluoranthene-d10	19.045	212	3873	0.329	ng	0.00
31) Terphenyl-d14	19.649	244	2667	0.448	ng	0.00

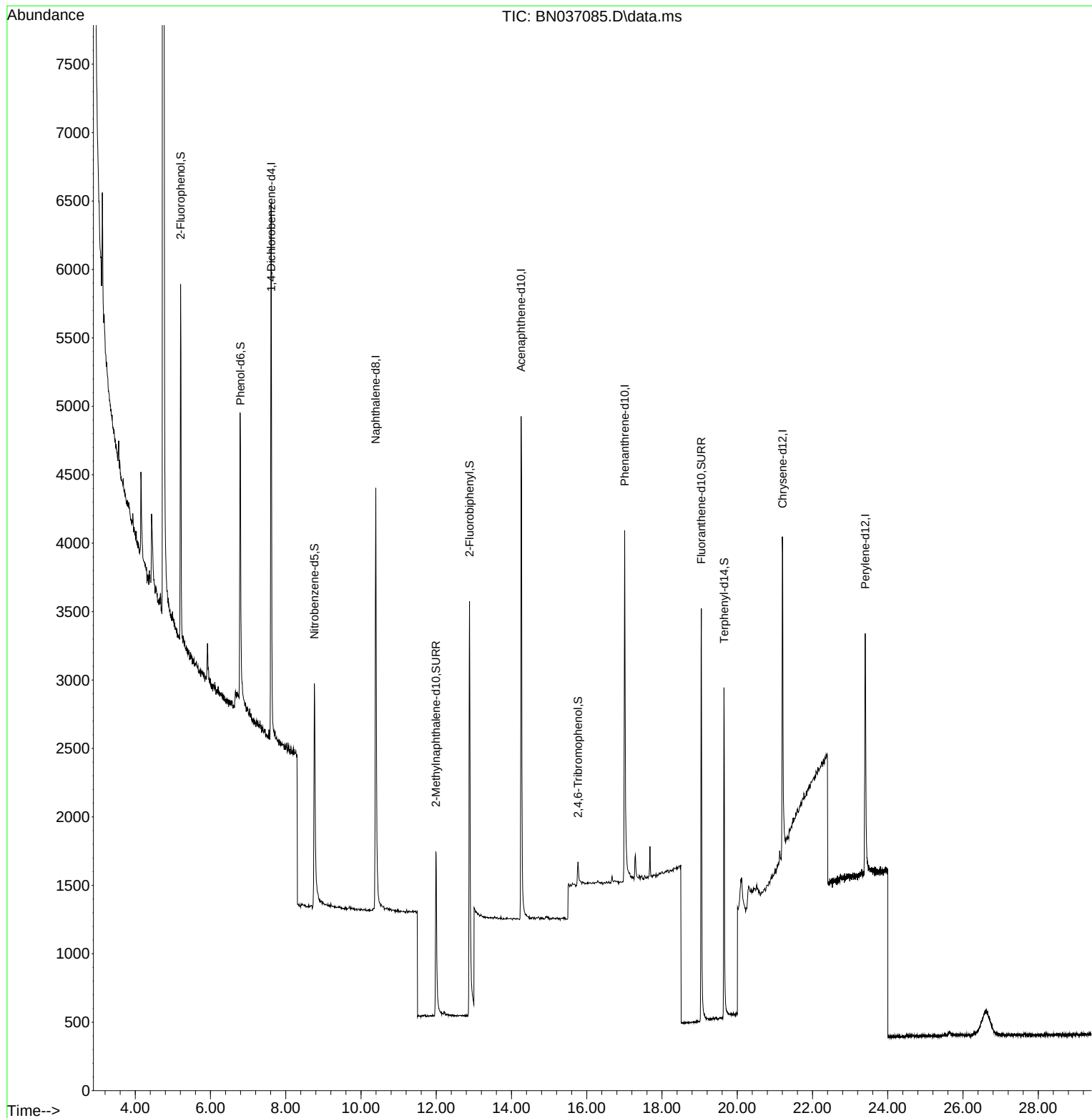
Target Compounds Qvalue

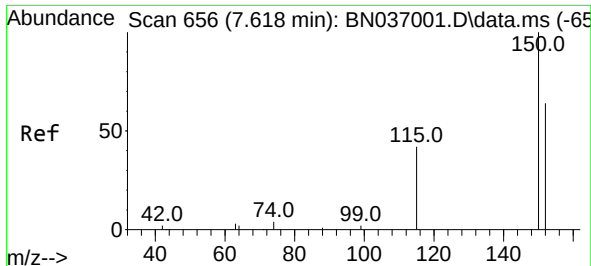
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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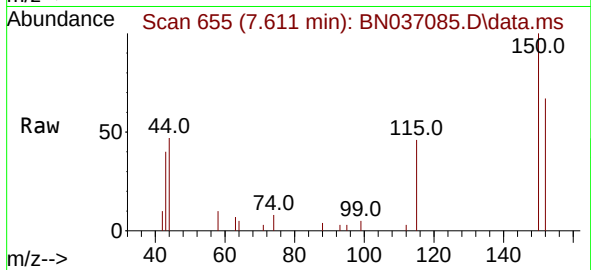
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 14 11:26:32 2025
Response via : Initial Calibration



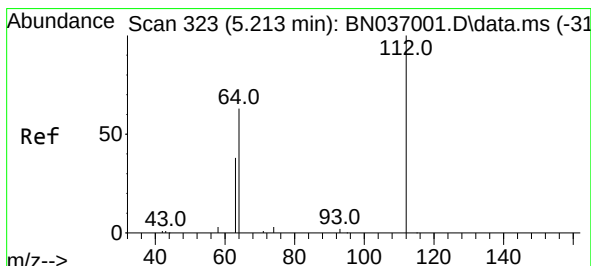
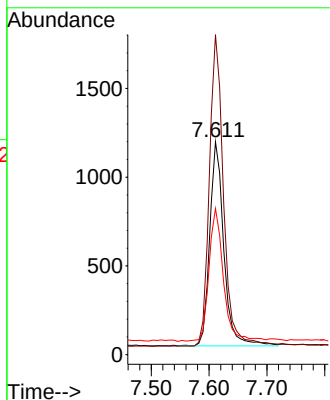
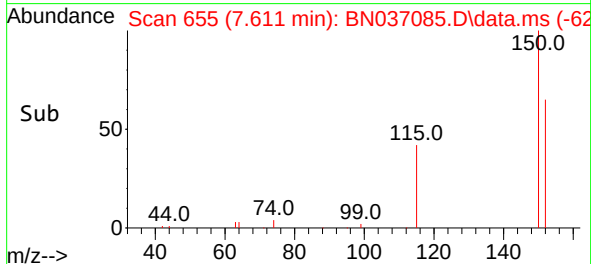


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.611 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN037085.D
Acq: 27 May 2025 13:59

Instrument :
BNA_N
ClientSampleId :
PB168100BL

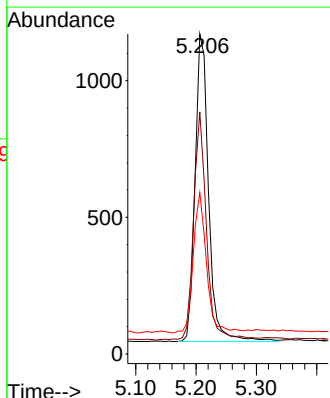
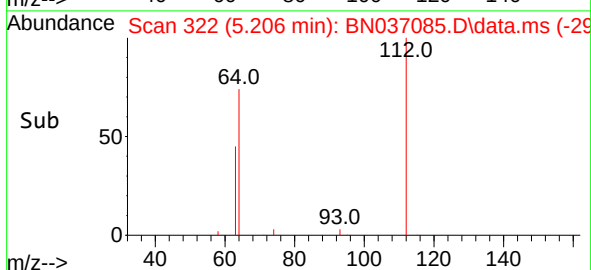
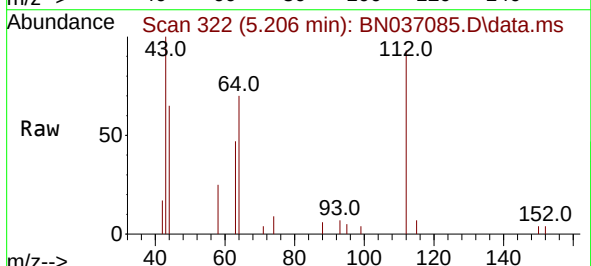


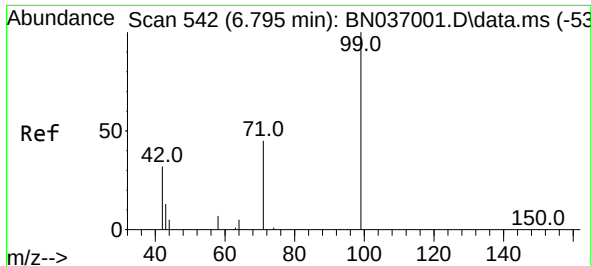
Tgt Ion:152 Resp: 1946
Ion Ratio Lower Upper
152 100
150 150.4 123.9 185.9
115 68.7 55.8 83.8



#4
2-Fluorophenol
Concen: 0.342 ng
RT: 5.206 min Scan# 322
Delta R.T. -0.007 min
Lab File: BN037085.D
Acq: 27 May 2025 13:59

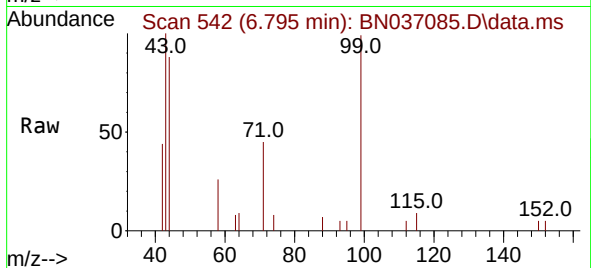
Tgt Ion:112 Resp: 1745
Ion Ratio Lower Upper
112 100
64 71.2 55.7 83.5
63 45.1 34.6 51.8



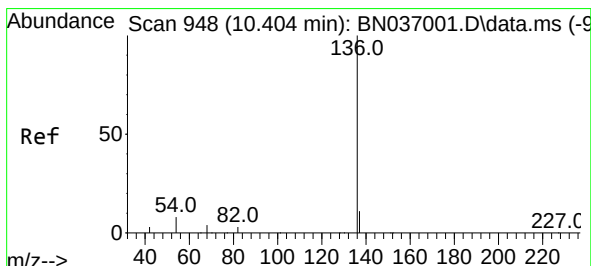
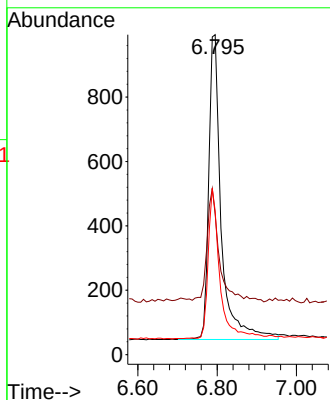
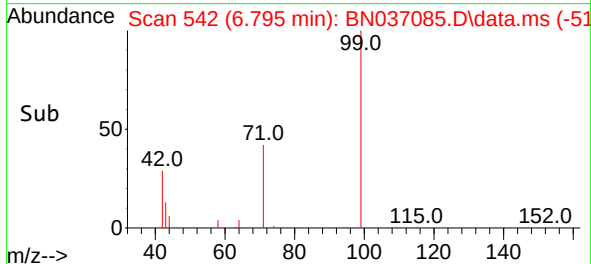


#5
Phenol-d6
Concen: 0.324 ng
RT: 6.795 min Scan# 54
Delta R.T. -0.000 min
Lab File: BN037085.D
Acq: 27 May 2025 13:59

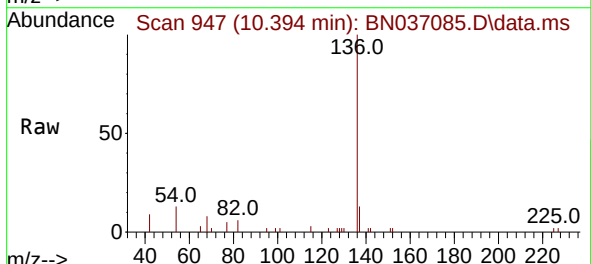
Instrument :
BNA_N
ClientSampleId :
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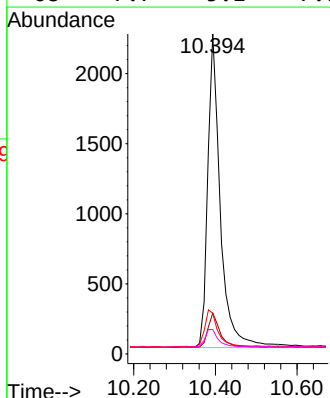
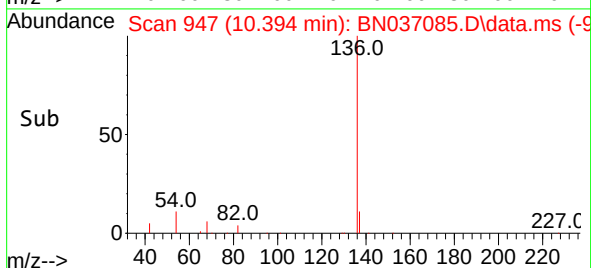
Tgt Ion:	99	Resp:	2064
Ion	Ratio	Lower	Upper
99	100		
42	36.7	29.3	43.9
71	46.4	35.7	53.5

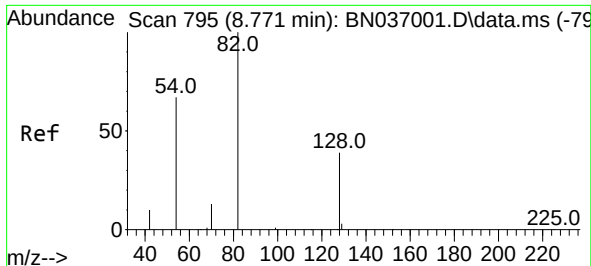


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.394 min Scan# 947
Delta R.T. -0.011 min
Lab File: BN037085.D
Acq: 27 May 2025 13:59



Tgt Ion:	136	Resp:	4792
Ion	Ratio	Lower	Upper
136	100		
137	12.8	10.4	15.6
54	12.7	8.5	12.7
68	7.7	5.1	7.7

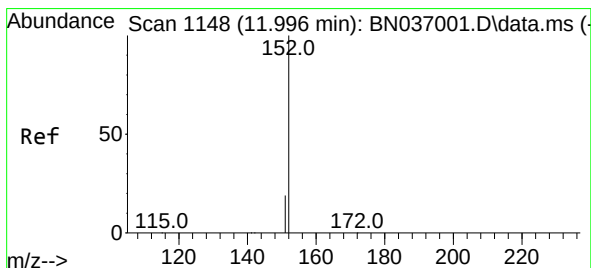
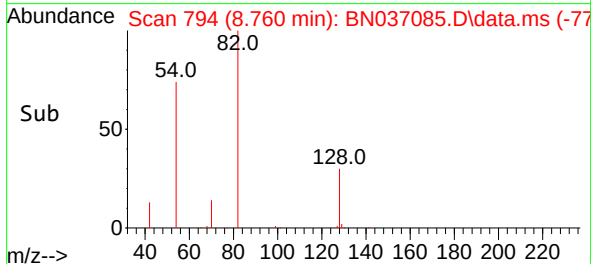
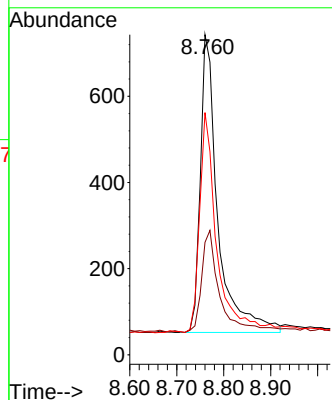
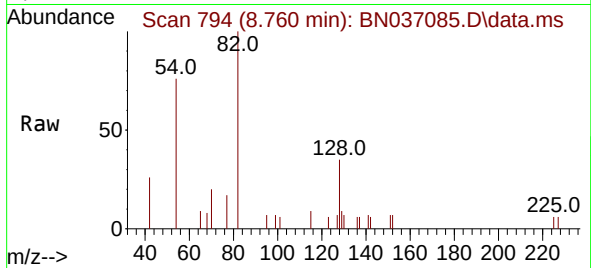




#8
 Nitrobenzene-d5
 Concen: 0.344 ng
 RT: 8.760 min Scan# 795
 Delta R.T. -0.011 min
 Lab File: BN037085.D
 Acq: 27 May 2025 13:59

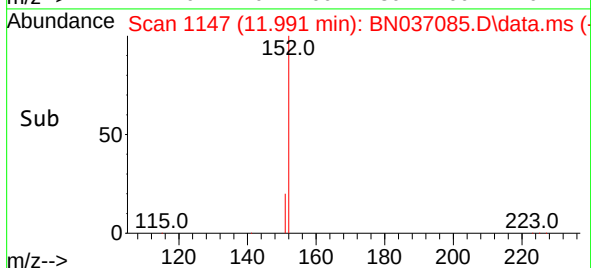
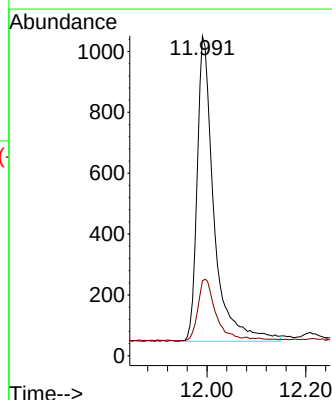
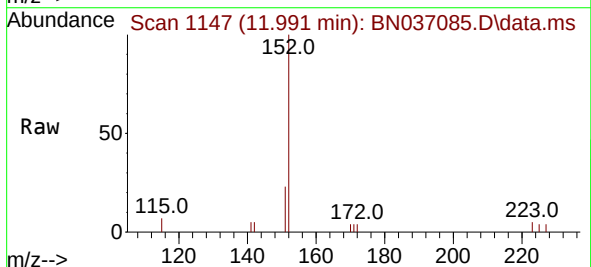
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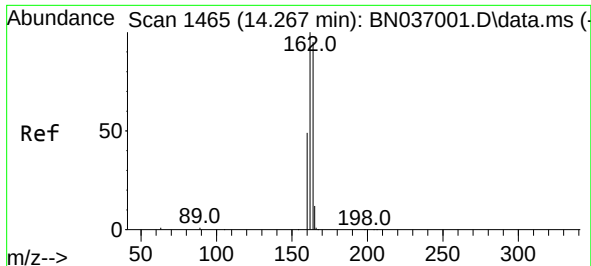
Tgt Ion: 82 Resp: 1795
 Ion Ratio Lower Upper
 82 100
 128 35.1 34.0 51.0
 54 75.6 55.0 82.4



#11
 2-Methylnaphthalene-d10
 Concen: 0.350 ng
 RT: 11.991 min Scan# 1147
 Delta R.T. -0.005 min
 Lab File: BN037085.D
 Acq: 27 May 2025 13:59

Tgt Ion: 152 Resp: 2361
 Ion Ratio Lower Upper
 152 100
 151 21.4 17.5 26.3

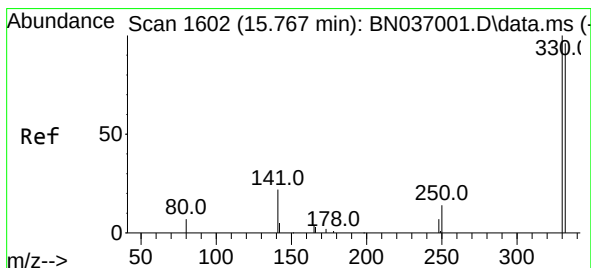
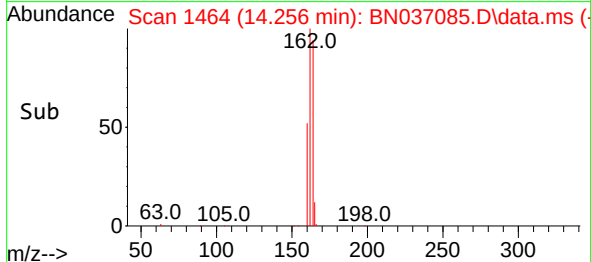
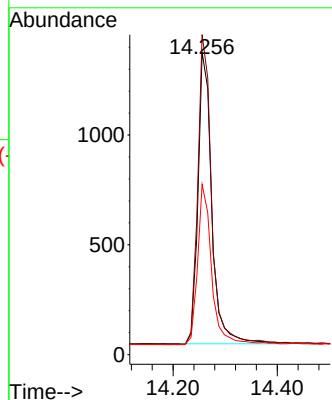
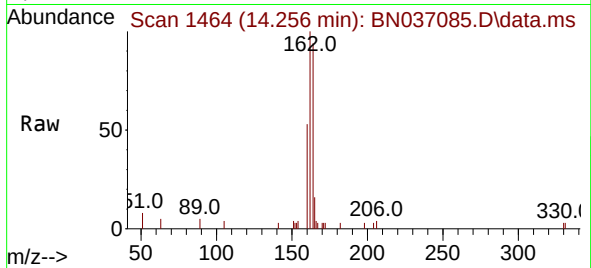




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.256 min Scan# 1464
Delta R.T. -0.011 min
Lab File: BN037085.D
Acq: 27 May 2025 13:59

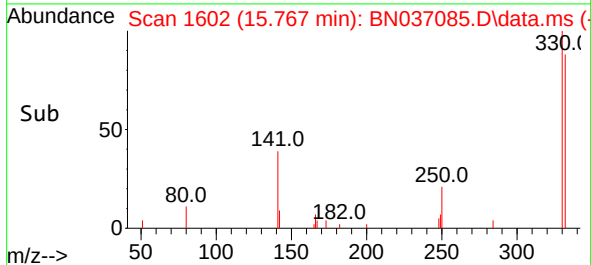
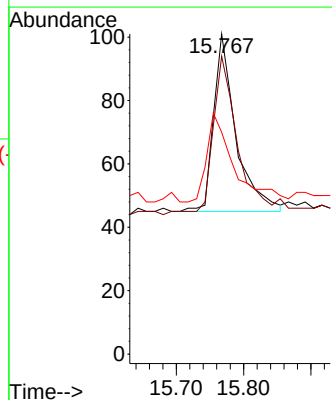
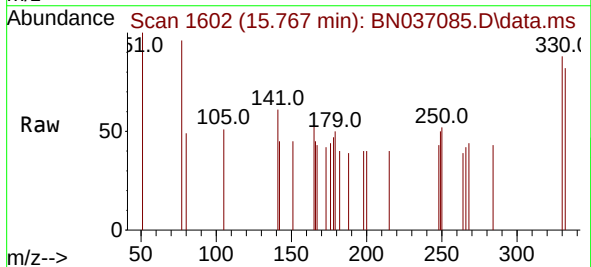
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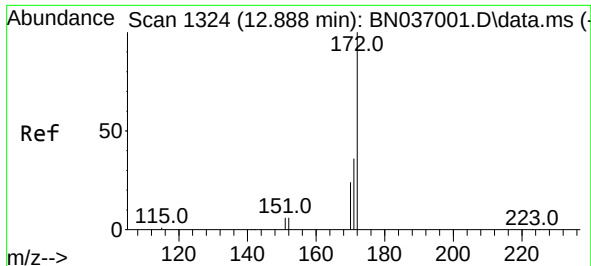
Tgt Ion:164 Resp: 2445
Ion Ratio Lower Upper
164 100
162 105.9 84.2 126.4
160 56.3 42.6 63.8



#14
2,4,6-Tribromophenol
Concen: 0.120 ng
RT: 15.767 min Scan# 1602
Delta R.T. 0.000 min
Lab File: BN037085.D
Acq: 27 May 2025 13:59

Tgt Ion:330 Resp: 129
Ion Ratio Lower Upper
330 100
332 103.1 73.8 110.8
141 59.7 43.9 65.9

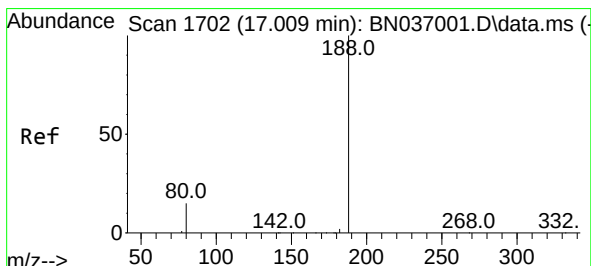
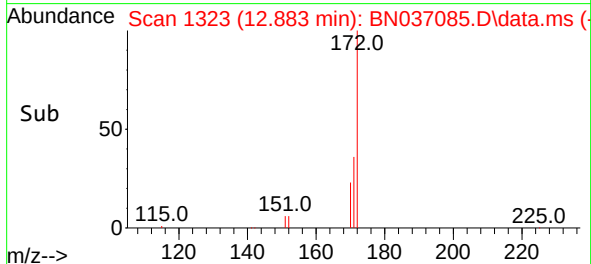
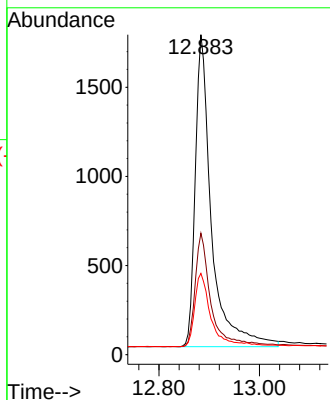
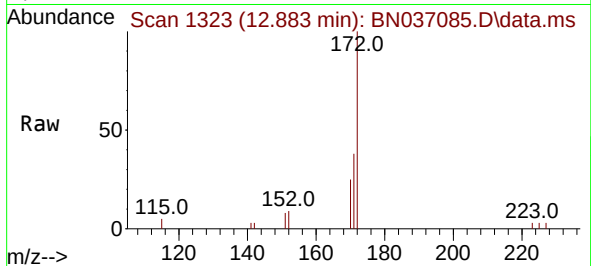




#15
2-Fluorobiphenyl
Concen: 0.379 ng
RT: 12.883 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN037085.D
Acq: 27 May 2025 13:59

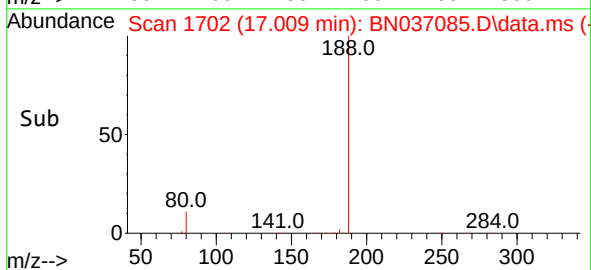
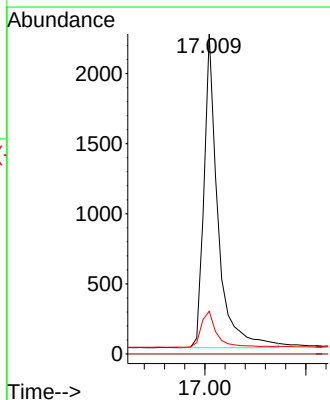
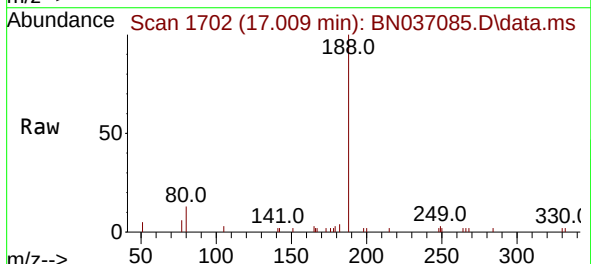
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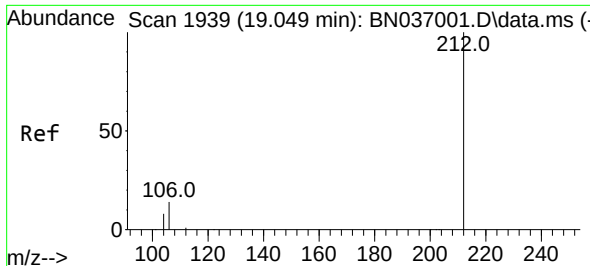
Tgt Ion:172 Resp: 4242
Ion Ratio Lower Upper
172 100
171 37.9 29.2 43.8
170 25.4 20.5 30.7



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.009 min Scan# 1702
Delta R.T. 0.000 min
Lab File: BN037085.D
Acq: 27 May 2025 13:59

Tgt Ion:188 Resp: 4294
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.4 13.4 20.0#

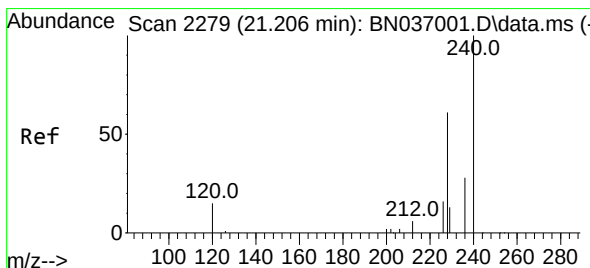
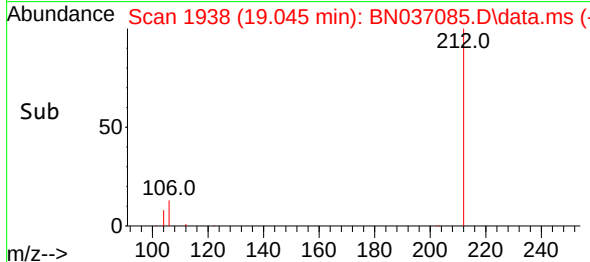
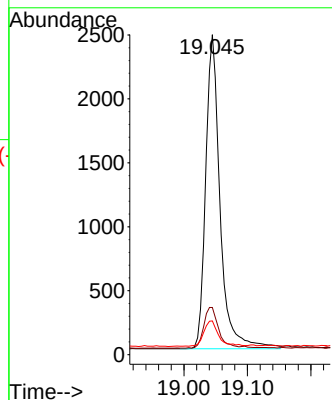
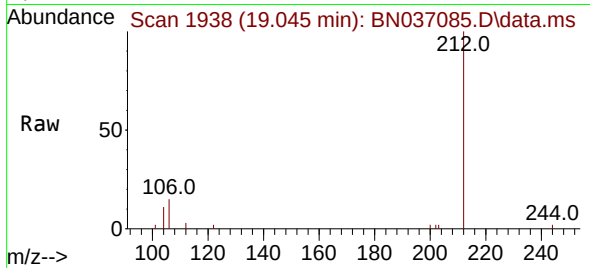




#27
Fluoranthene-d10
Concen: 0.329 ng
RT: 19.045 min Scan# 1939
Delta R.T. -0.005 min
Lab File: BN037085.D
Acq: 27 May 2025 13:59

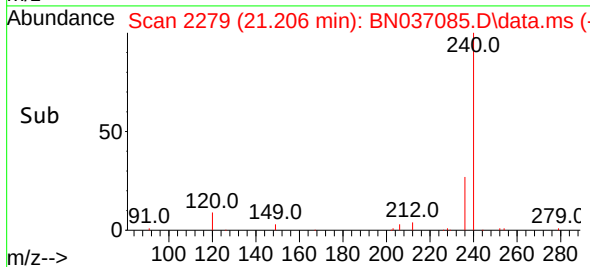
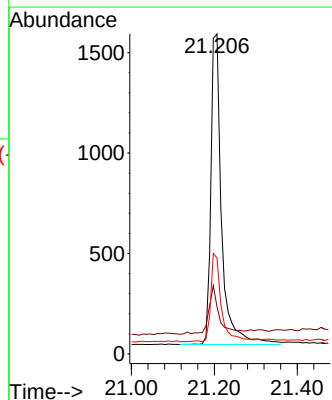
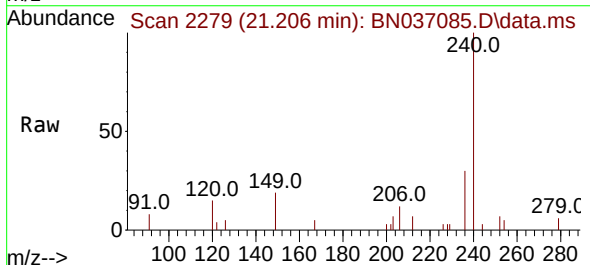
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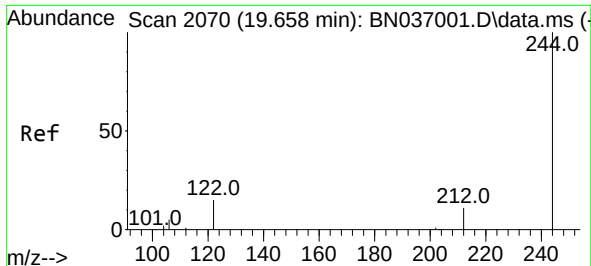
Tgt Ion:212 Resp: 3873
Ion Ratio Lower Upper
212 100
106 13.6 11.3 16.9
104 8.1 6.7 10.1



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.206 min Scan# 2279
Delta R.T. 0.000 min
Lab File: BN037085.D
Acq: 27 May 2025 13:59

Tgt Ion:240 Resp: 2786
Ion Ratio Lower Upper
240 100
120 14.8 15.1 22.7#
236 30.0 24.0 36.0

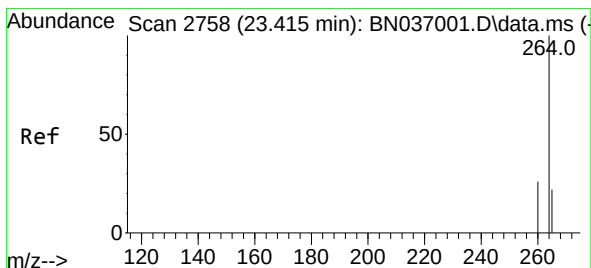
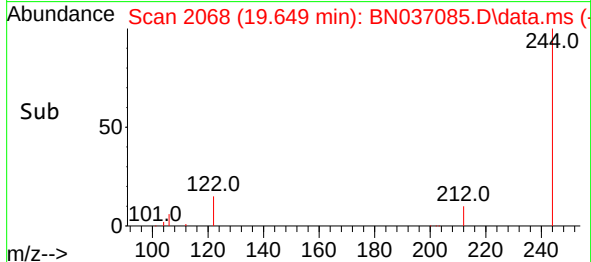
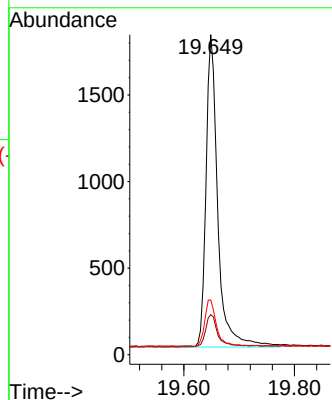
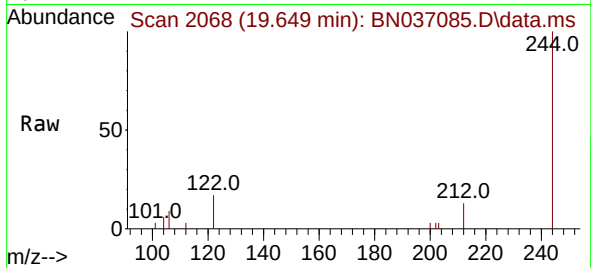




#31
 Terphenyl-d14
 Concen: 0.448 ng
 RT: 19.649 min Scan# 2070
 Delta R.T. -0.009 min
 Lab File: BN037085.D
 Acq: 27 May 2025 13:59

Instrument :
 BNA_N
 ClientSampleId :
 PB168100BL

Tgt Ion:244 Resp: 2667
 Ion Ratio Lower Upper
 244 100
 212 12.5 9.7 14.5
 122 17.1 13.4 20.0



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.401 min Scan# 2753
 Delta R.T. -0.015 min
 Lab File: BN037085.D
 Acq: 27 May 2025 13:59

Tgt Ion:264 Resp: 2583
 Ion Ratio Lower Upper
 264 100
 260 28.4 21.9 32.9
 265 88.4 51.6 77.4#

