

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052825\
 Data File : BN037103.D
 Acq On : 28 May 2025 11:17
 Operator : RC/JU
 Sample : PB168155BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB168155BL

Quant Time: May 28 15:34:16 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	2460	0.400 ng	0.00
7) Naphthalene-d8	10.394	136	5989	0.400 ng	-0.01
13) Acenaphthene-d10	14.256	164	3067	0.400 ng	-0.01
19) Phenanthrene-d10	17.009	188	5493	0.400 ng	# 0.00
29) Chrysene-d12	21.206	240	3554	0.400 ng	# 0.00
35) Perylene-d12	23.404	264	3269	0.400 ng	-0.01
System Monitoring Compounds					
4) 2-Fluorophenol	5.206	112	2158	0.335 ng	0.00
5) Phenol-d6	6.788	99	2477	0.307 ng	0.00
8) Nitrobenzene-d5	8.760	82	2088	0.320 ng	-0.01
11) 2-Methylnaphthalene-d10	11.991	152	2793	0.331 ng	0.00
14) 2,4,6-Tribromophenol	15.767	330	192	0.143 ng	0.00
15) 2-Fluorobiphenyl	12.883	172	4846	0.345 ng	0.00
27) Fluoranthene-d10	19.040	212	4835	0.321 ng	0.00
31) Terphenyl-d14	19.649	244	3333	0.438 ng	0.00

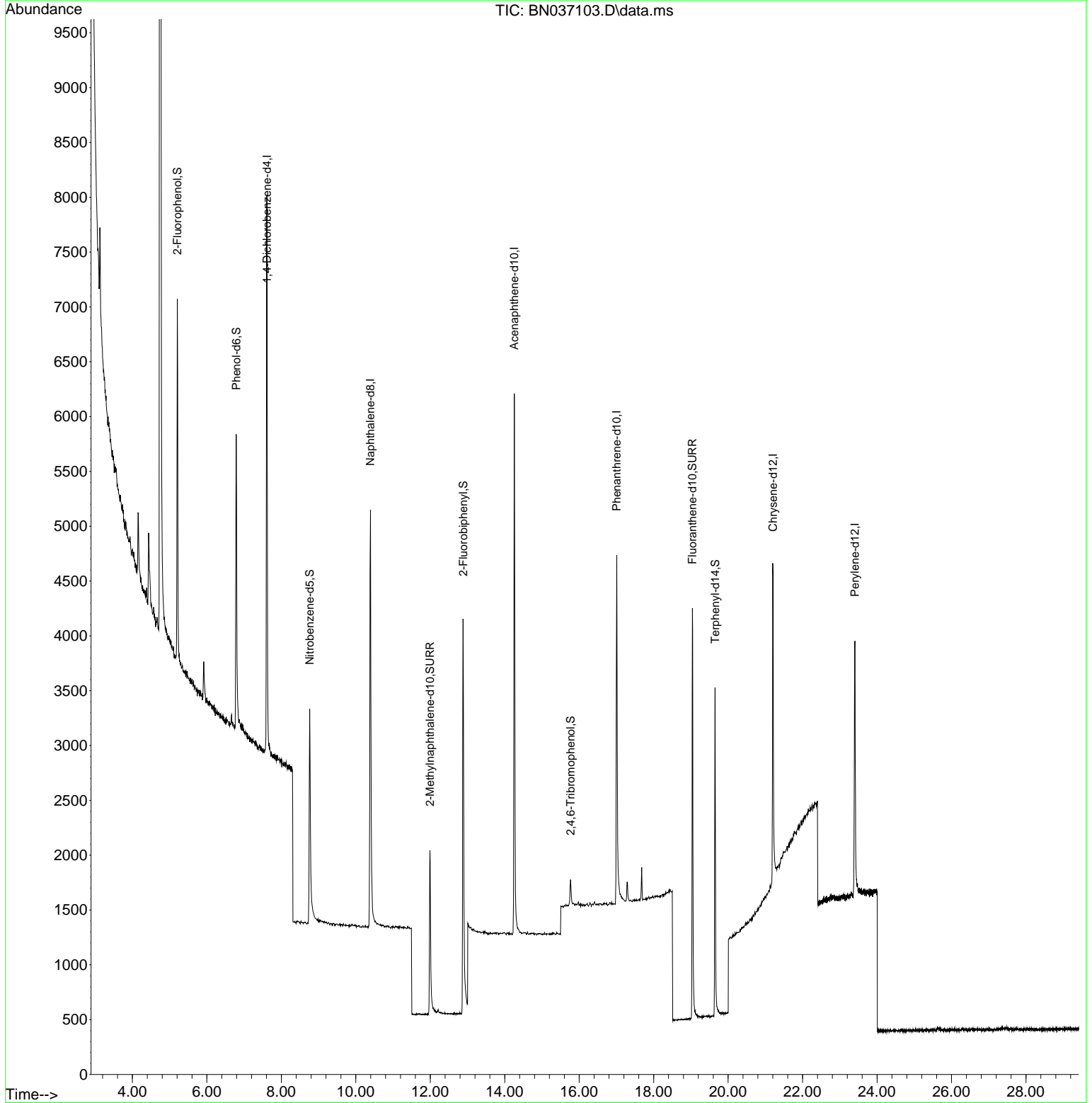
Target Compounds Qvalue

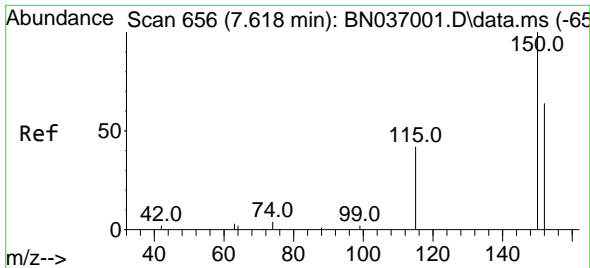
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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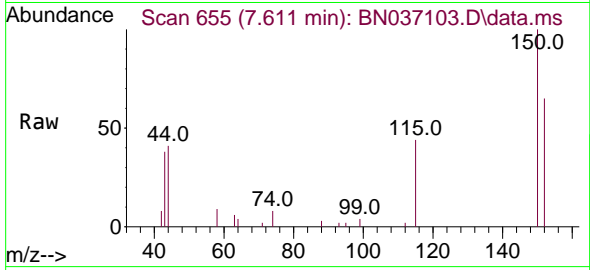
Quant Time: May 28 15:34:16 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
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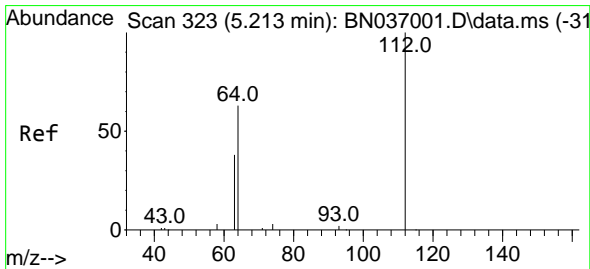
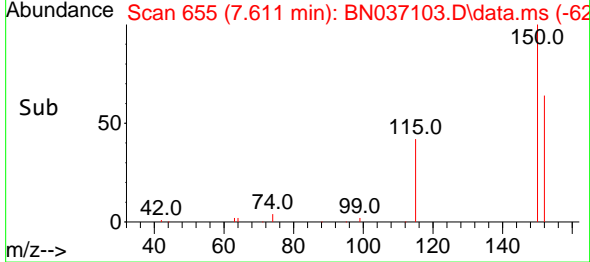
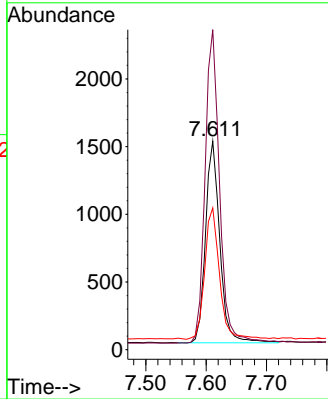


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.611 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN037103.D
 Acq: 28 May 2025 11:17

Instrument :
 BNA_N
 ClientSampleId :
 PB168155BL

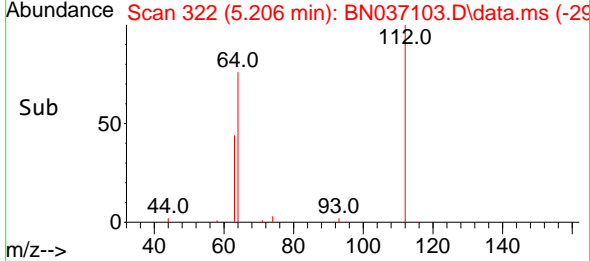
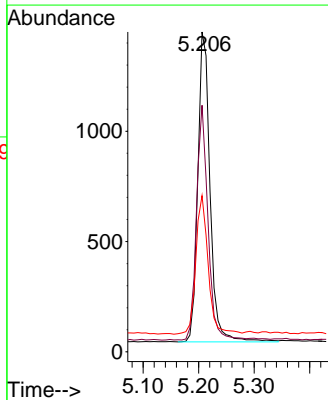
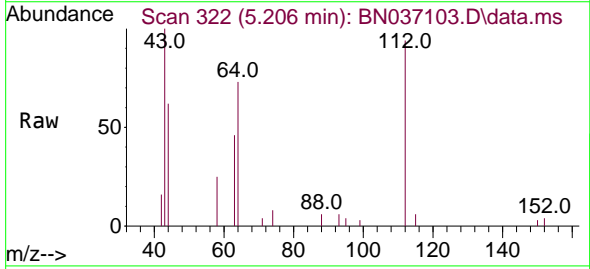


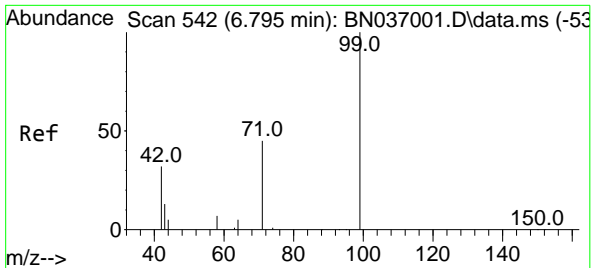
Tgt Ion:152 Resp: 2460
 Ion Ratio Lower Upper
 152 100
 150 153.5 123.9 185.9
 115 68.0 55.8 83.8



#4
 2-Fluorophenol
 Concen: 0.335 ng
 RT: 5.206 min Scan# 322
 Delta R.T. -0.007 min
 Lab File: BN037103.D
 Acq: 28 May 2025 11:17

Tgt Ion:112 Resp: 2158
 Ion Ratio Lower Upper
 112 100
 64 70.7 55.7 83.5
 63 45.0 34.6 51.8

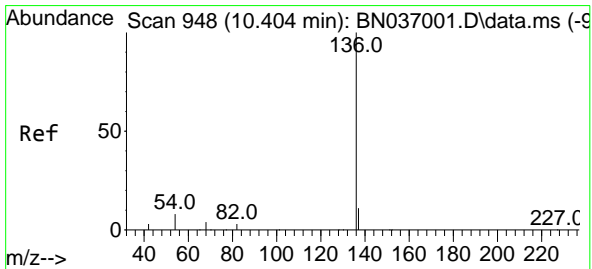
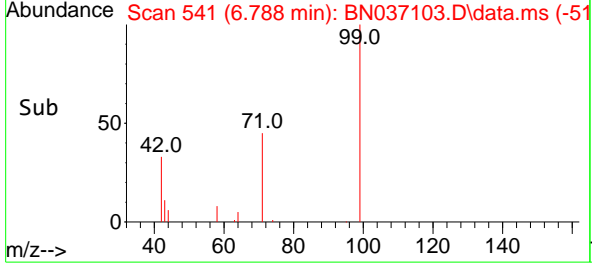
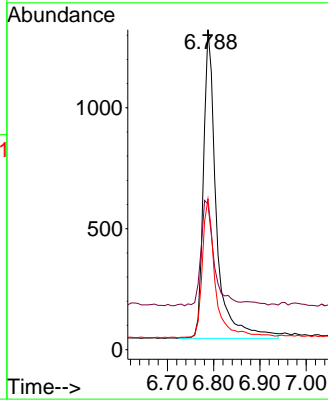
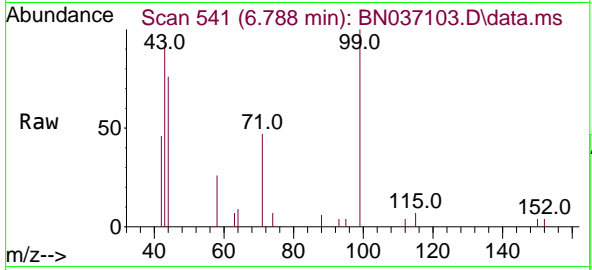




#5
 Phenol-d6
 Concen: 0.307 ng
 RT: 6.788 min Scan# 54
 Delta R.T. -0.007 min
 Lab File: BN037103.D
 Acq: 28 May 2025 11:17

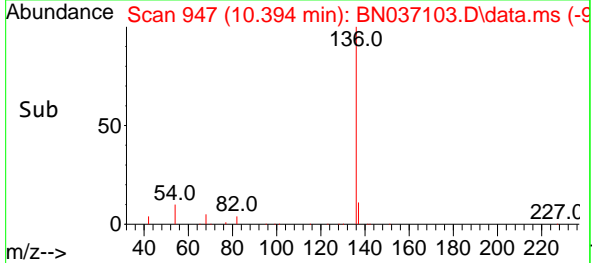
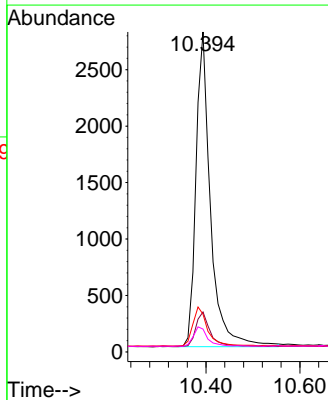
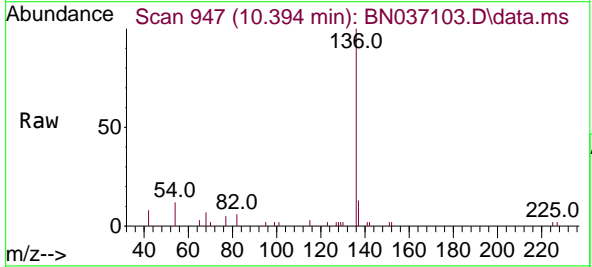
Instrument :
 BNA_N
 ClientSampleId :
 PB168155BL

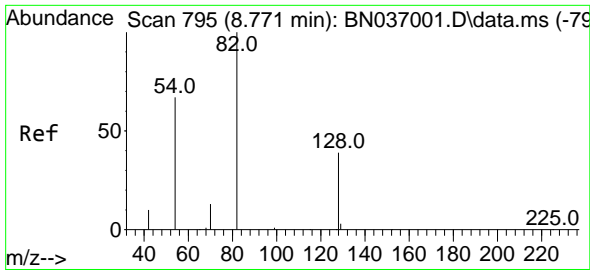
Tgt Ion	Resp	Ion Ratio	Lower	Upper
99	2477	100		
42		34.5	29.3	43.9
71		45.8	35.7	53.5



#7
 Naphthalene-d8
 Concen: 0.400 ng
 RT: 10.394 min Scan# 947
 Delta R.T. -0.011 min
 Lab File: BN037103.D
 Acq: 28 May 2025 11:17

Tgt Ion	Resp	Ion Ratio	Lower	Upper
136	5989	100		
137		12.5	10.4	15.6
54		11.8	8.5	12.7
68		7.2	5.1	7.7

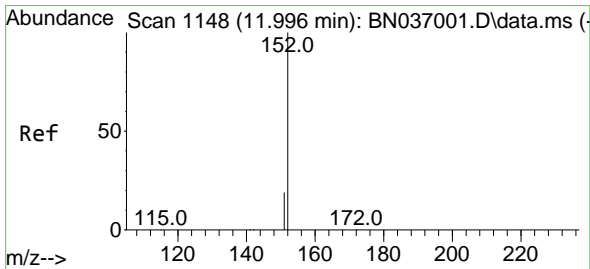
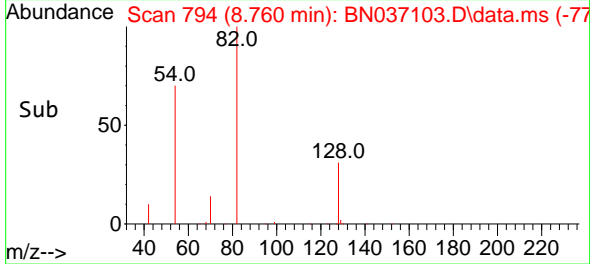
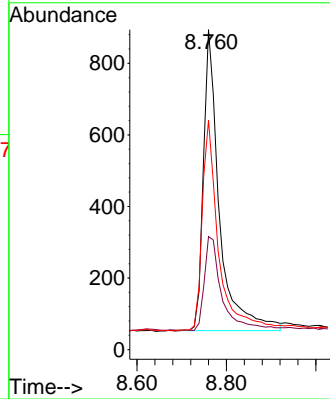
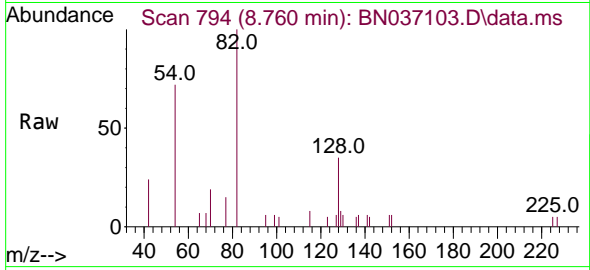




#8
 Nitrobenzene-d5
 Concen: 0.320 ng
 RT: 8.760 min Scan# 794
 Delta R.T. -0.011 min
 Lab File: BN037103.D
 Acq: 28 May 2025 11:17

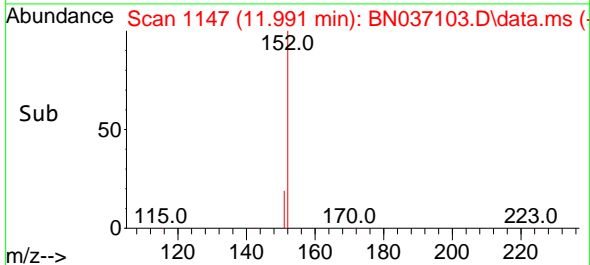
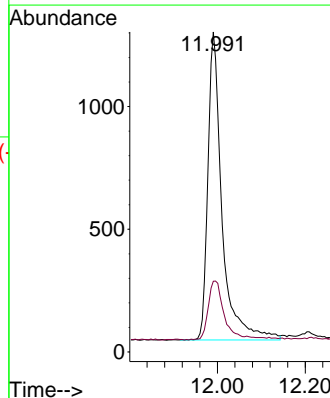
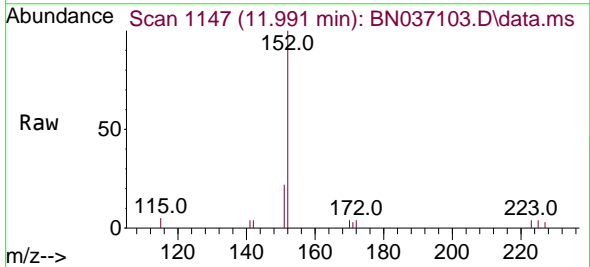
Instrument :
 BNA_N
 ClientSampleId :
 PB168155BL

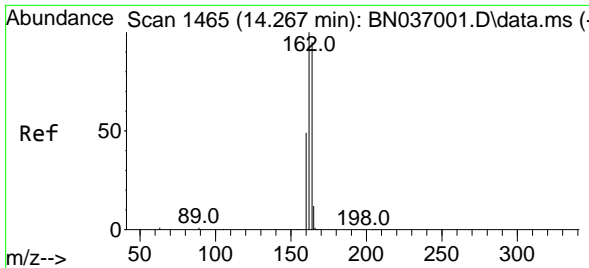
Tgt Ion	Resp	Lower	Upper
82	2088		
128	35.3	34.0	51.0
54	71.7	55.0	82.4



#11
 2-Methylnaphthalene-d10
 Concen: 0.331 ng
 RT: 11.991 min Scan# 1147
 Delta R.T. -0.005 min
 Lab File: BN037103.D
 Acq: 28 May 2025 11:17

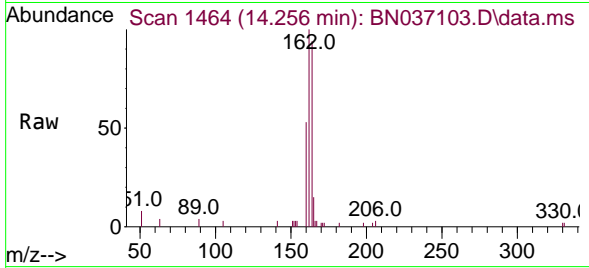
Tgt Ion	Resp	Lower	Upper
152	2793		
151	21.1	17.5	26.3





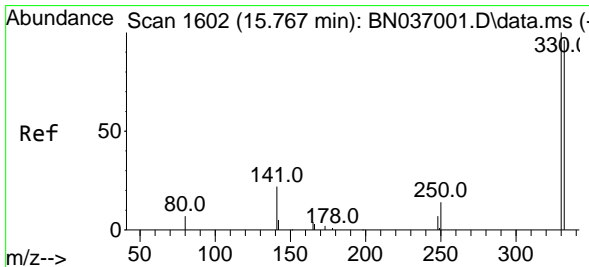
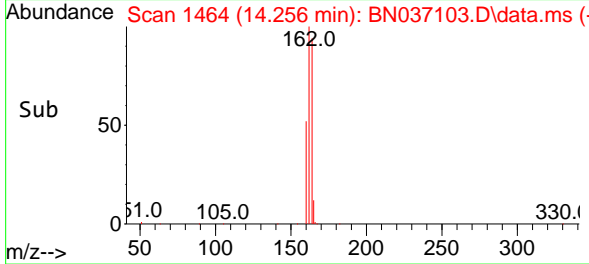
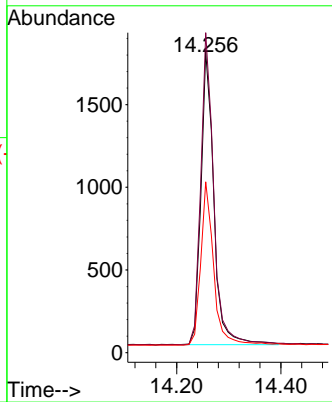
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.256 min Scan# 14
 Delta R.T. -0.011 min
 Lab File: BN037103.D
 Acq: 28 May 2025 11:17

Instrument : BNA_N
 ClientSampleId : PB168155BL



Tgt Ion:164 Resp: 3067

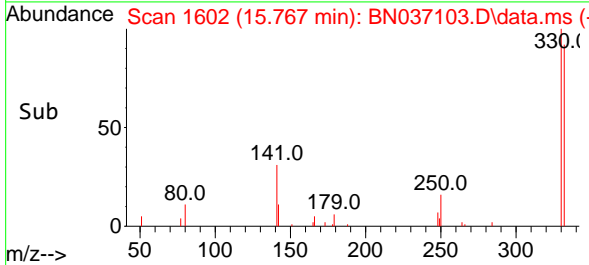
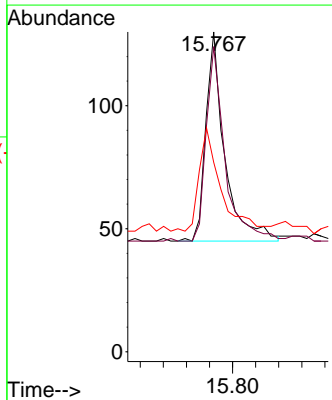
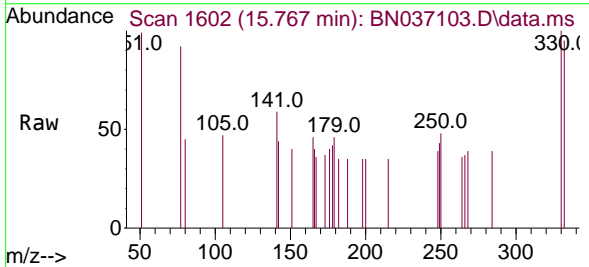
Ion	Ratio	Lower	Upper
164	100		
162	106.4	84.2	126.4
160	56.8	42.6	63.8

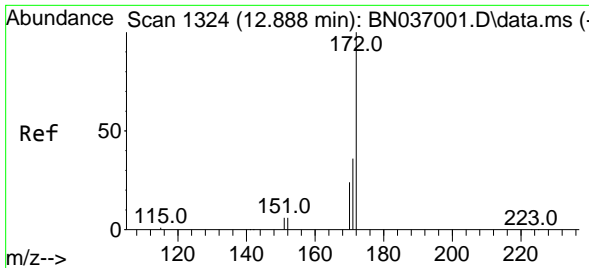


#14
 2,4,6-Tribromophenol
 Concen: 0.143 ng
 RT: 15.767 min Scan# 1602
 Delta R.T. 0.000 min
 Lab File: BN037103.D
 Acq: 28 May 2025 11:17

Tgt Ion:330 Resp: 192

Ion	Ratio	Lower	Upper
330	100		
332	93.2	73.8	110.8
141	55.7	43.9	65.9

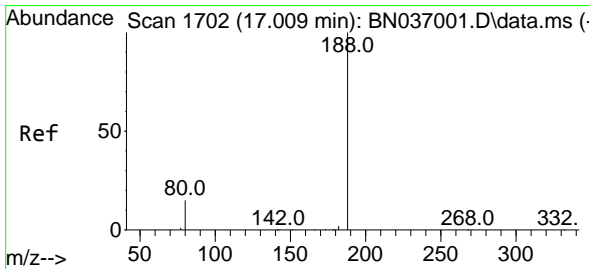
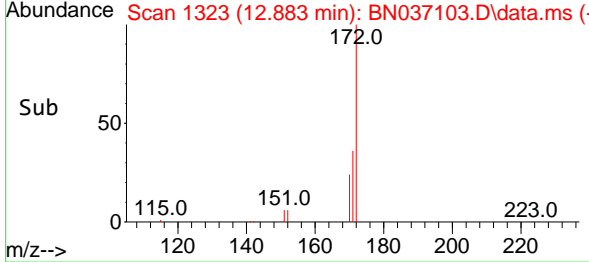
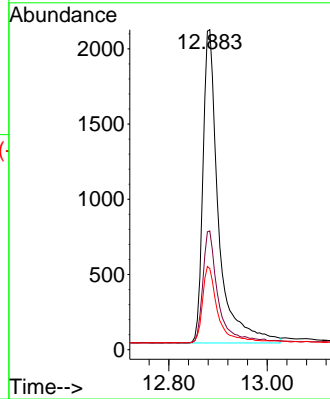
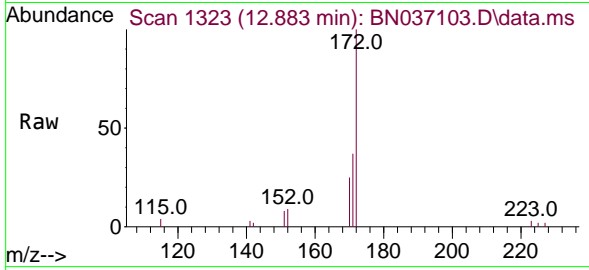




#15
 2-Fluorobiphenyl
 Concen: 0.345 ng
 RT: 12.883 min Scan# 11
 Delta R.T. -0.005 min
 Lab File: BN037103.D
 Acq: 28 May 2025 11:17

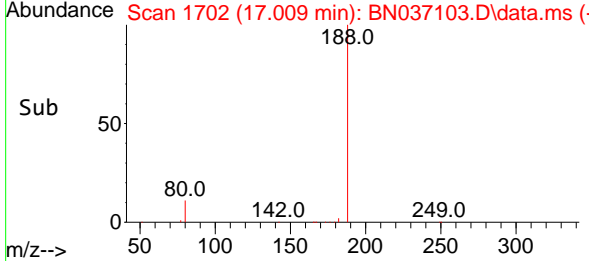
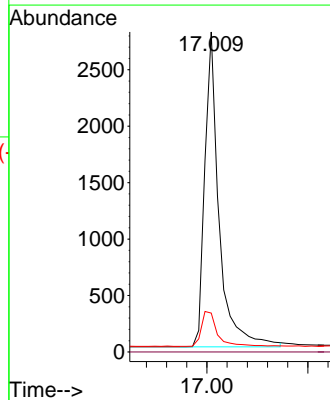
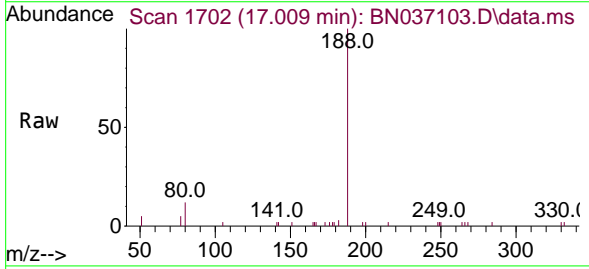
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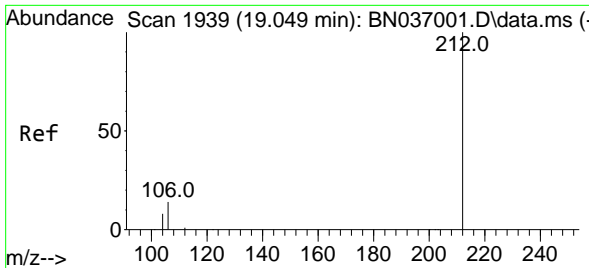
Tgt Ion	Resp	Lower	Upper
172	4846		
171	37.1	29.2	43.8
170	25.3	20.5	30.7



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.009 min Scan# 1702
 Delta R.T. 0.000 min
 Lab File: BN037103.D
 Acq: 28 May 2025 11:17

Tgt Ion	Resp	Lower	Upper
188	5493		
94	0.0	0.0	0.0
80	12.1	13.4	20.0#



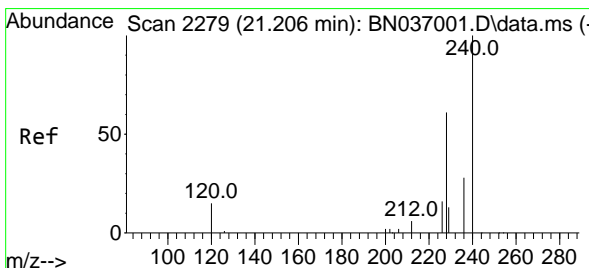
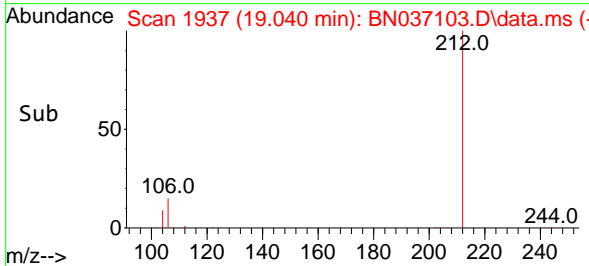
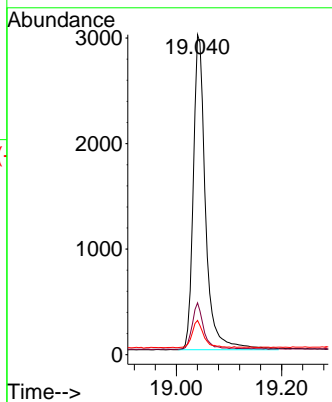
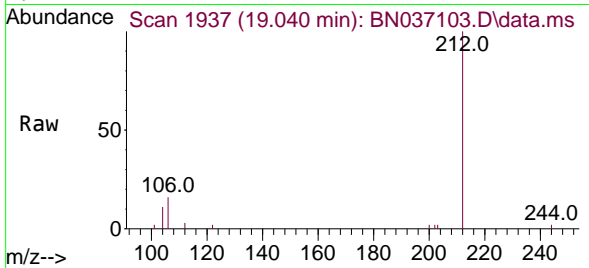


#27
 Fluoranthene-d10
 Concen: 0.321 ng
 RT: 19.040 min Scan# 1937
 Delta R.T. -0.009 min
 Lab File: BN037103.D
 Acq: 28 May 2025 11:17

Instrument :
 BNA_N
 ClientSampleId :
 PB168155BL

Tgt Ion:212 Resp: 4835

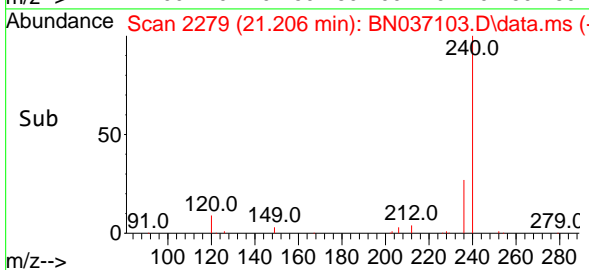
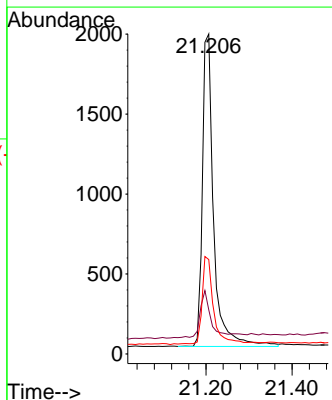
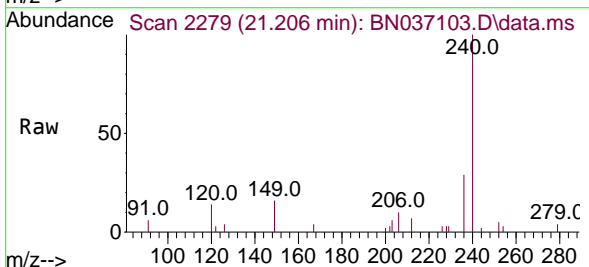
Ion	Ratio	Lower	Upper
212	100		
106	13.5	11.3	16.9
104	8.0	6.7	10.1

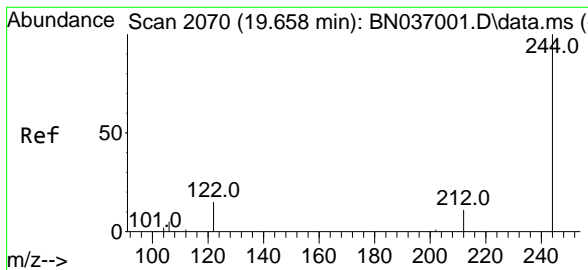


#29
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.206 min Scan# 2279
 Delta R.T. 0.000 min
 Lab File: BN037103.D
 Acq: 28 May 2025 11:17

Tgt Ion:240 Resp: 3554

Ion	Ratio	Lower	Upper
240	100		
120	13.8	15.1	22.7#
236	29.5	24.0	36.0



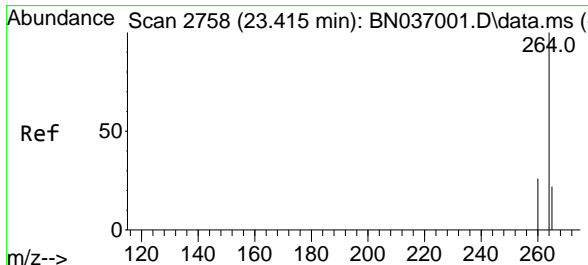
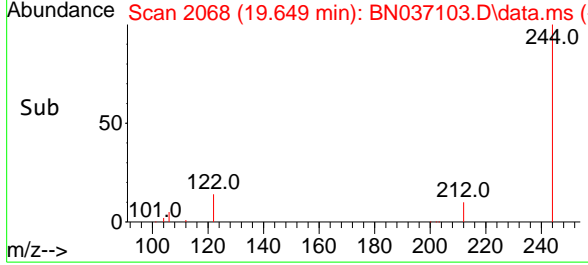
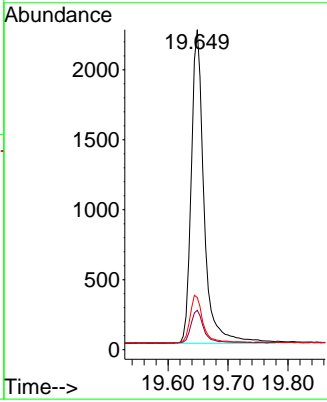
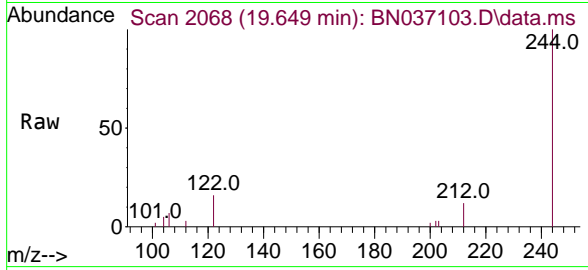


#31
 Terphenyl-d14
 Concen: 0.438 ng
 RT: 19.649 min Scan# 2070
 Delta R.T. -0.009 min
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Tgt Ion:244 Resp: 3333

Ion	Ratio	Lower	Upper
244	100		
212	12.3	9.7	14.5
122	16.3	13.4	20.0



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.404 min Scan# 2754
 Delta R.T. -0.012 min
 Lab File: BN037103.D
 Acq: 28 May 2025 11:17

Tgt Ion:264 Resp: 3269

Ion	Ratio	Lower	Upper
264	100		
260	27.6	21.9	32.9
265	74.8	51.6	77.4

