

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081925\
 Data File : BN037604.D
 Acq On : 19 Aug 2025 13:04
 Operator : RC/JU
 Sample : Q2842-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-17B-55.5-08122025

Quant Time: Aug 20 01:25:25 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)

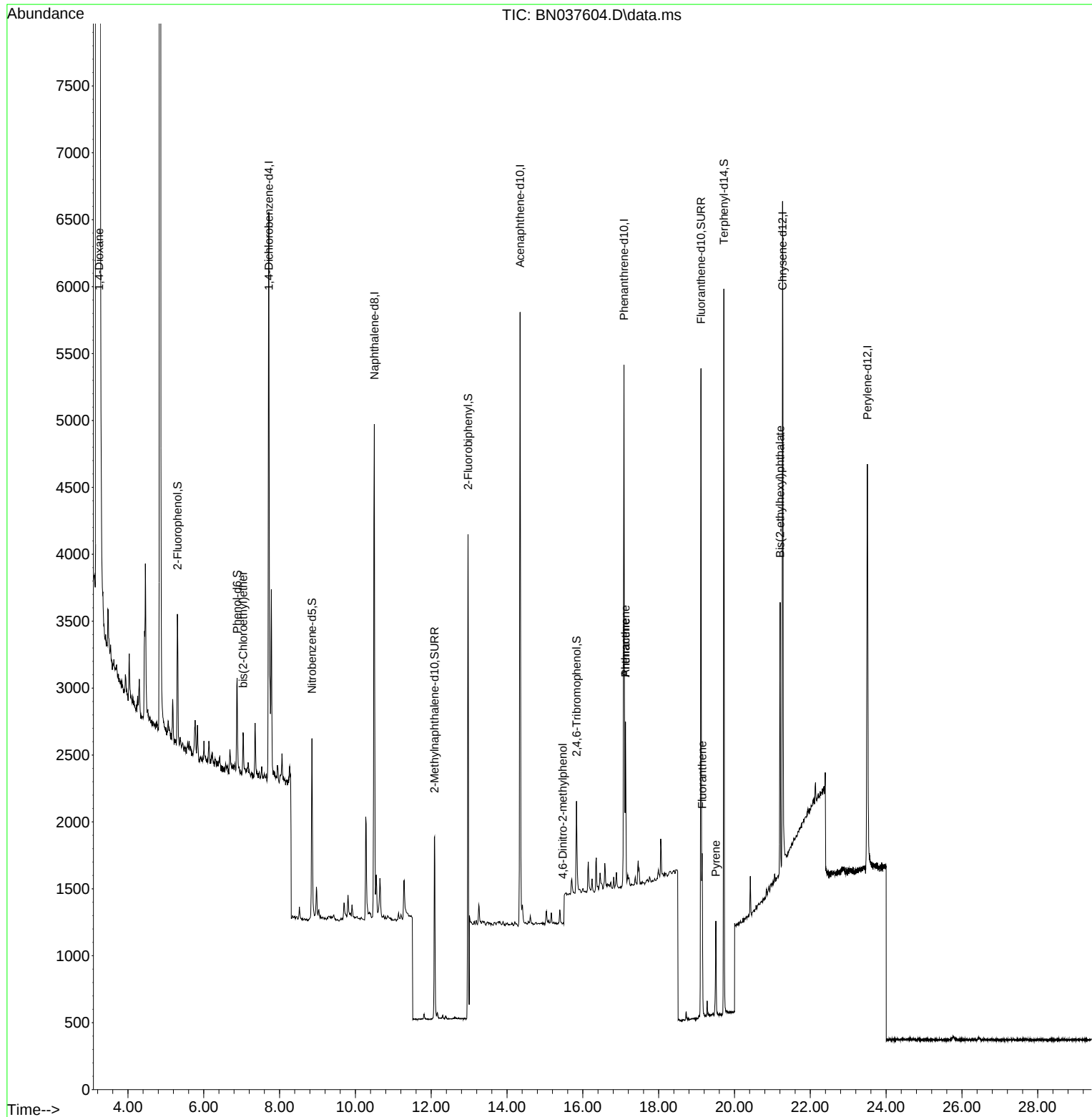
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	2101	0.400	ng	0.00
7) Naphthalene-d8	10.498	136	4983	0.400	ng	0.00
13) Acenaphthene-d10	14.345	164	2519	0.400	ng	0.00
19) Phenanthrene-d10	17.086	188	5311	0.400	ng	0.00
29) Chrysene-d12	21.268	240	4640	0.400	ng	# 0.00
35) Perylene-d12	23.505	264	4122	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.305	112	686	0.144	ng	0.00
5) Phenol-d6	6.879	99	472	0.082	ng	0.00
8) Nitrobenzene-d5	8.854	82	1079	0.307	ng	0.00
11) 2-Methylnaphthalene-d10	12.085	152	1963	0.290	ng	0.00
14) 2,4,6-Tribromophenol	15.833	330	412	0.374	ng	0.00
15) 2-Fluorobiphenyl	12.973	172	4451	0.306	ng	0.00
27) Fluoranthene-d10	19.118	212	5412	0.387	ng	0.00
31) Terphenyl-d14	19.722	244	5059	0.530	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.239	88	5667	2.819	ng	# 94
6) bis(2-Chloroethyl)ether	7.038	93	488	0.094	ng	# 28
20) 4,6-Dinitro-2-methylph...	15.467	198	3	0.184	ng	# 1
25) Phenanthrene	17.124	178	1209	0.075	ng	99
26) Anthracene	17.124	178	1201	0.084	ng	98
28) Fluoranthene	19.146	202	1009	0.054	ng	98
30) Pyrene	19.508	202	640	0.037	ng	# 94
34) Bis(2-ethylhexyl)phtha...	21.205	149	1816	0.284	ng	97

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

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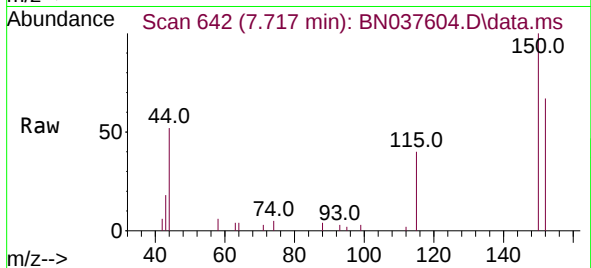
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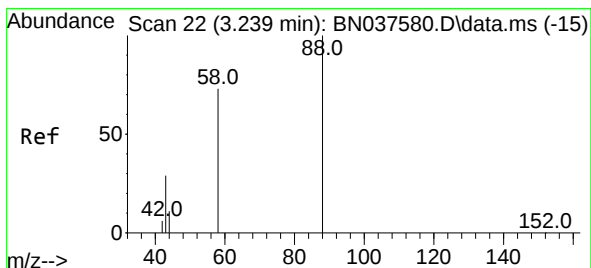
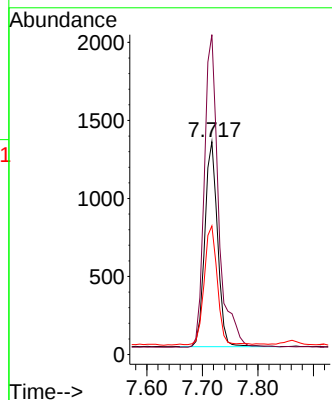
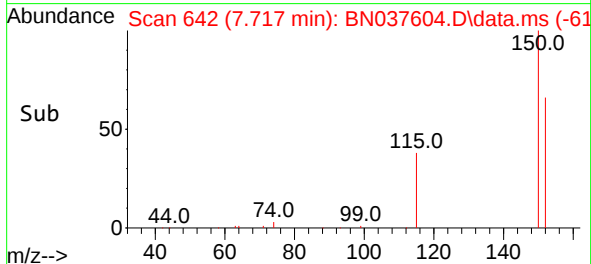


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.717 min Scan# 64
 Delta R.T. 0.000 min
 Lab File: BN037604.D
 Acq: 19 Aug 2025 13:04

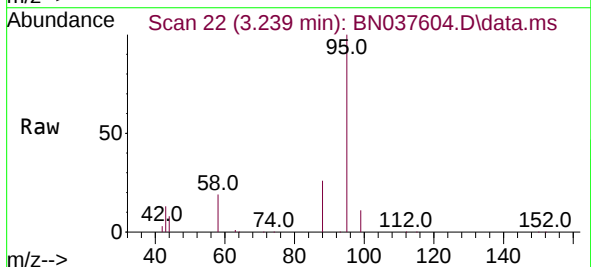
Instrument :
 BNA_N
 ClientSampleId :
 MW-17B-55.5-08122025



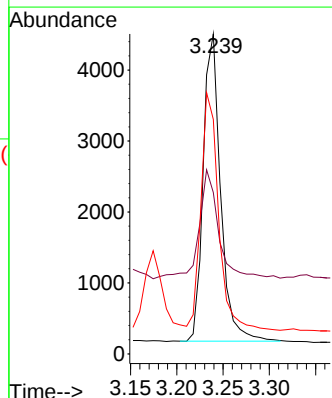
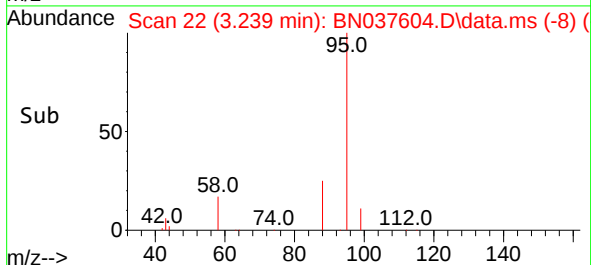
Tgt Ion: 152 Resp: 2101
 Ion Ratio Lower Upper
 152 100
 150 150.3 122.2 183.4
 115 60.4 49.8 74.6

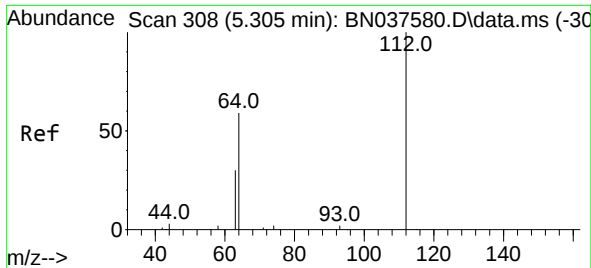


#2
 1,4-Dioxane
 Concen: 2.819 ng
 RT: 3.239 min Scan# 22
 Delta R.T. 0.000 min
 Lab File: BN037604.D
 Acq: 19 Aug 2025 13:04



Tgt Ion: 88 Resp: 5667
 Ion Ratio Lower Upper
 88 100
 43 40.2 25.8 38.6#
 58 78.2 61.2 91.8

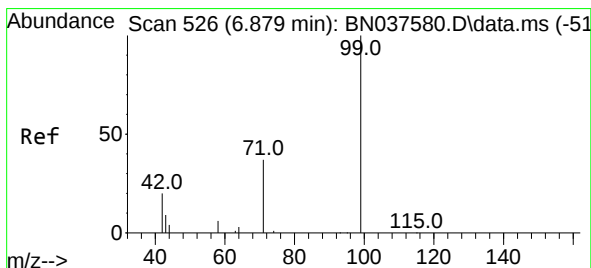
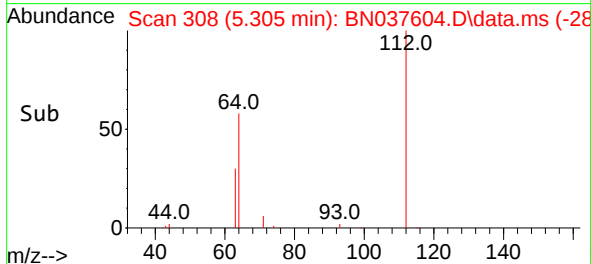
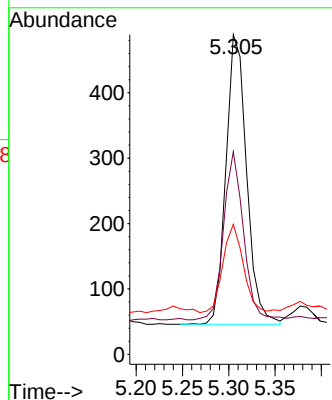
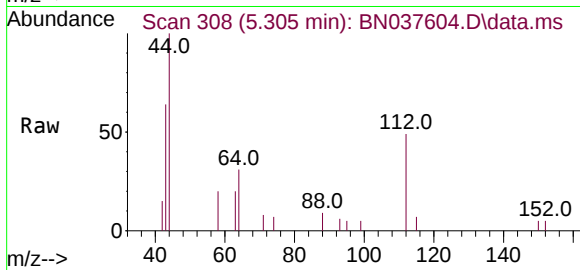




#4
2-Fluorophenol
Concen: 0.144 ng
RT: 5.305 min Scan# 308
Delta R.T. 0.000 min
Lab File: BN037604.D
Acq: 19 Aug 2025 13:04

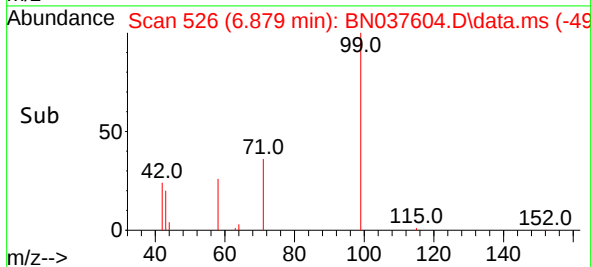
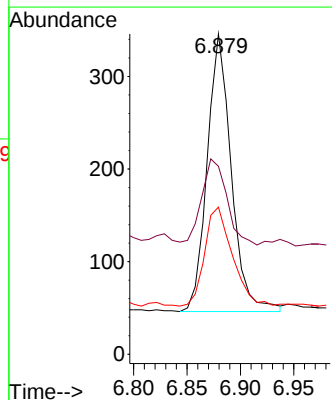
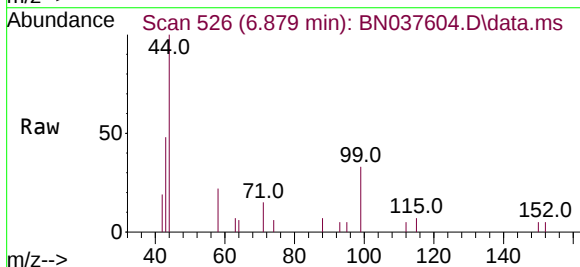
Instrument :
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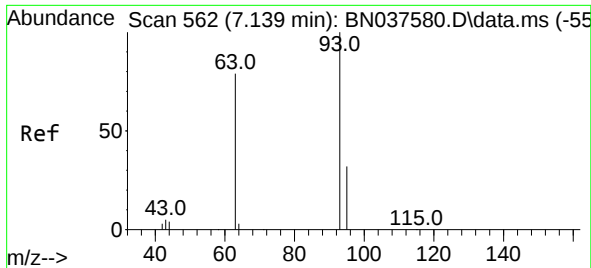
Tgt Ion:112 Resp: 686
Ion Ratio Lower Upper
112 100
64 55.8 44.9 67.3
63 29.9 23.4 35.2



#5
Phenol-d6
Concen: 0.082 ng
RT: 6.879 min Scan# 526
Delta R.T. 0.000 min
Lab File: BN037604.D
Acq: 19 Aug 2025 13:04

Tgt Ion: 99 Resp: 472
Ion Ratio Lower Upper
99 100
42 32.2 18.5 27.7#
71 40.9 28.6 42.8

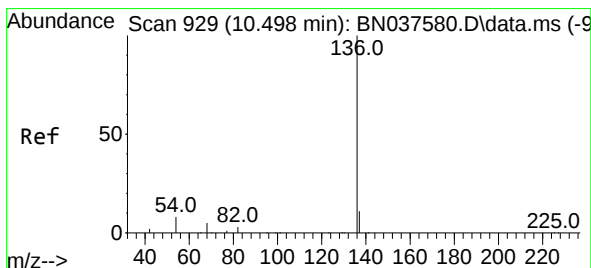
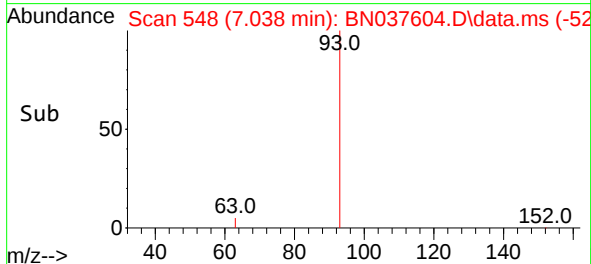
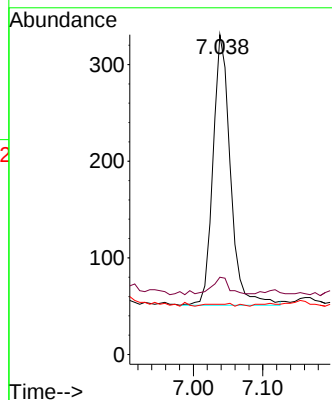
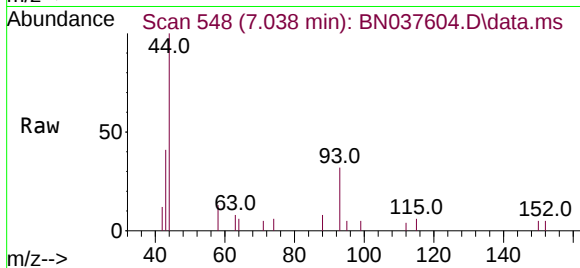




#6
bis(2-Chloroethyl)ether
Concen: 0.094 ng
RT: 7.038 min Scan# 54
Delta R.T. -0.101 min
Lab File: BN037604.D
Acq: 19 Aug 2025 13:04

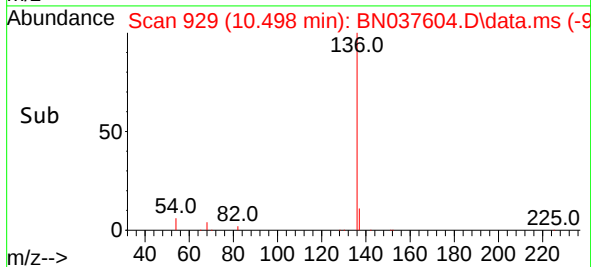
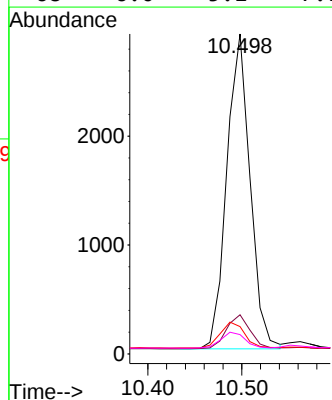
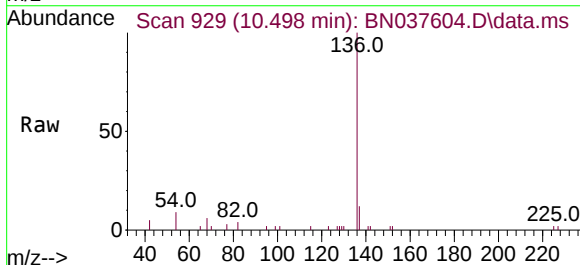
Instrument :
BNA_N
ClientSampleId :
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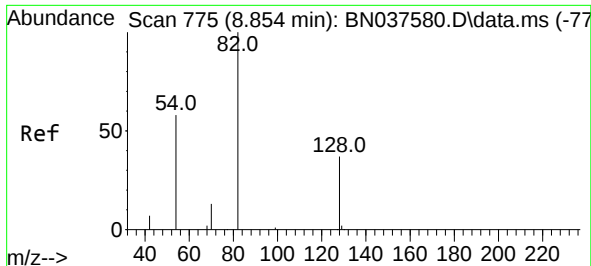
Tgt Ion: 93 Resp: 488
Ion Ratio Lower Upper
93 100
63 6.1 58.0 87.0#
95 0.0 24.9 37.3#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.498 min Scan# 929
Delta R.T. 0.000 min
Lab File: BN037604.D
Acq: 19 Aug 2025 13:04

Tgt Ion: 136 Resp: 4983
Ion Ratio Lower Upper
136 100
137 12.2 9.5 14.3
54 8.5 7.3 10.9
68 6.0 5.1 7.7

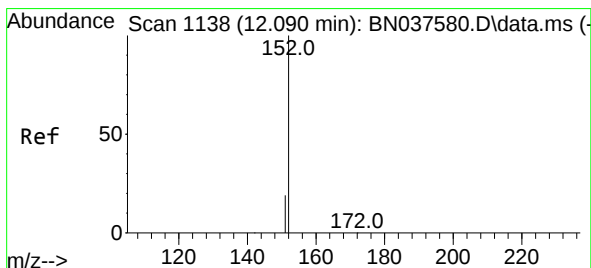
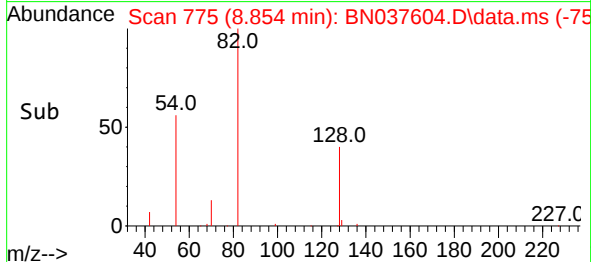
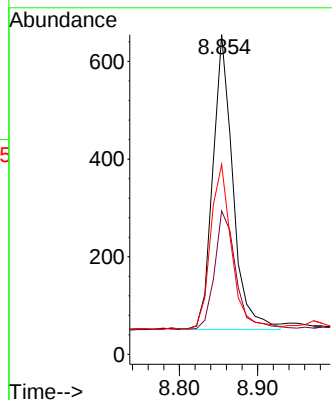
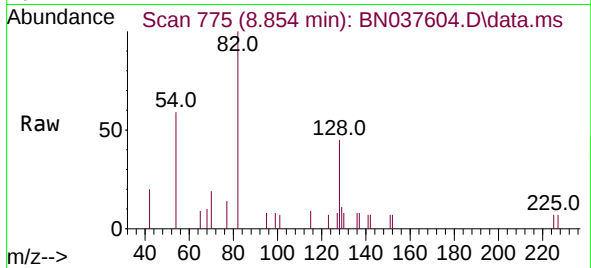




#8
 Nitrobenzene-d5
 Concen: 0.307 ng
 RT: 8.854 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BN037604.D
 Acq: 19 Aug 2025 13:04

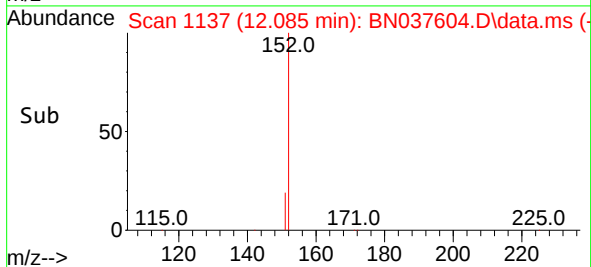
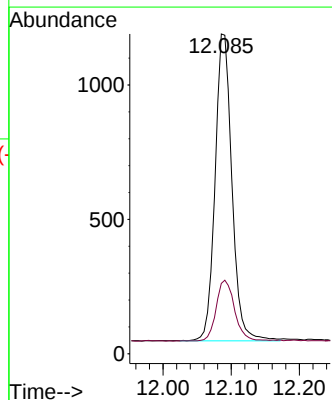
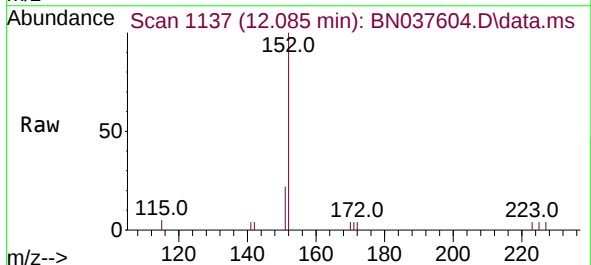
Instrument :
 BNA_N
 ClientSampleId :
 MW-17B-55.5-08122025

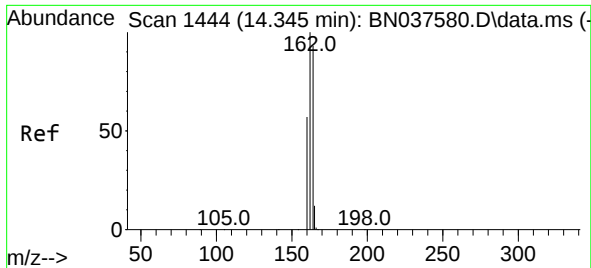
Tgt Ion:	82	Resp:	1079
Ion	Ratio	Lower	Upper
82	100		
128	44.9	32.6	48.8
54	59.4	48.9	73.3



#11
 2-Methylnaphthalene-d10
 Concen: 0.290 ng
 RT: 12.085 min Scan# 1137
 Delta R.T. -0.005 min
 Lab File: BN037604.D
 Acq: 19 Aug 2025 13:04

Tgt Ion:	152	Resp:	1963
Ion	Ratio	Lower	Upper
152	100		
151	21.5	17.3	25.9

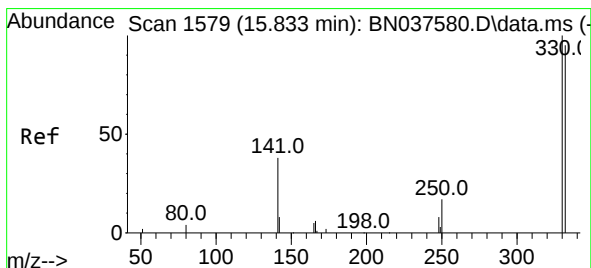
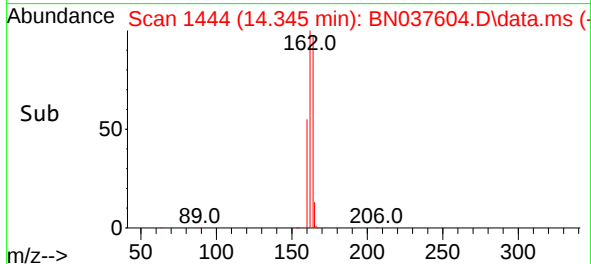
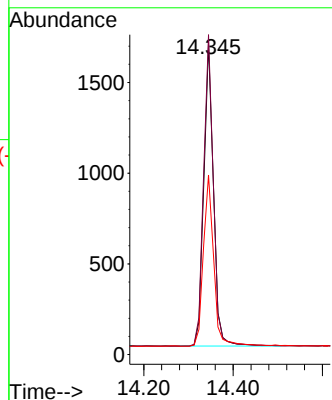
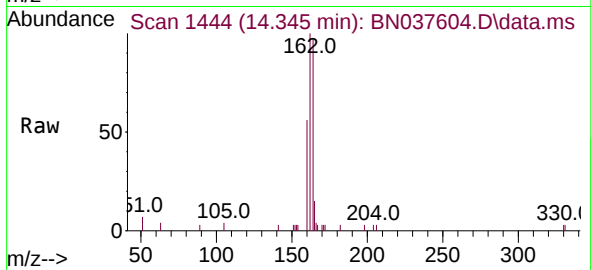




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.345 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BN037604.D
Acq: 19 Aug 2025 13:04

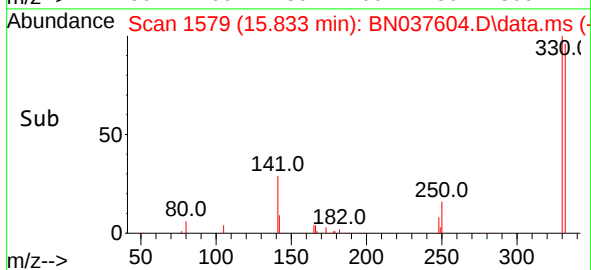
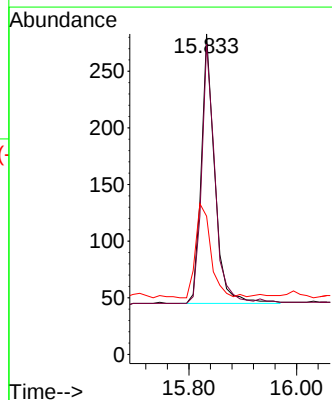
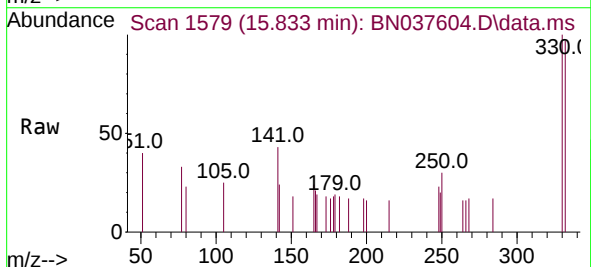
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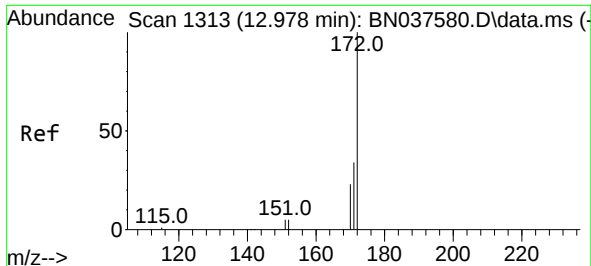
Tgt Ion:	164	Resp:	2519
Ion	Ratio	Lower	Upper
164	100		
162	102.9	85.5	128.3
160	57.8	49.5	74.3



#14
2,4,6-Tribromophenol
Concen: 0.374 ng
RT: 15.833 min Scan# 1579
Delta R.T. 0.000 min
Lab File: BN037604.D
Acq: 19 Aug 2025 13:04

Tgt Ion:	330	Resp:	412
Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.4	116.0
141	40.0	30.9	46.3

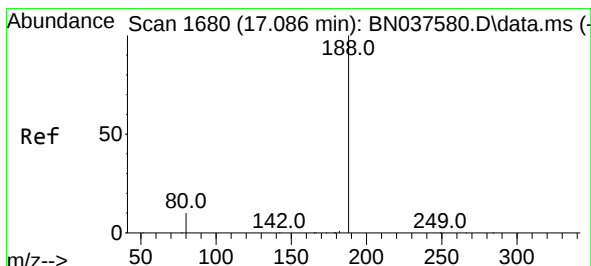
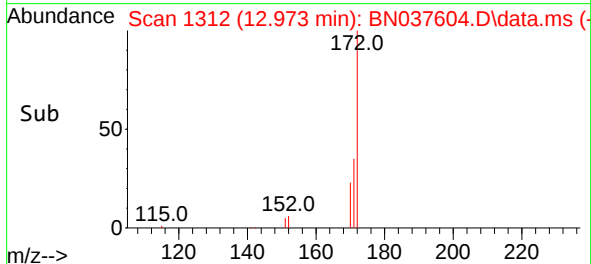
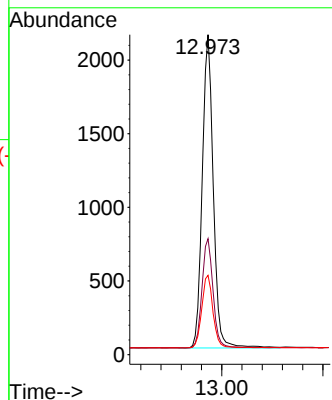
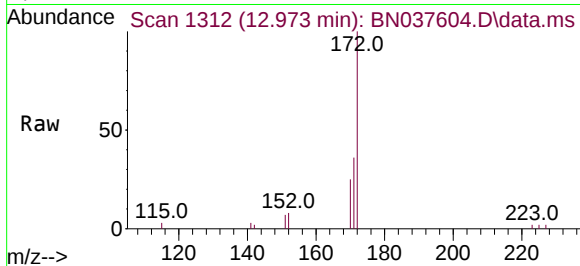




#15
2-Fluorobiphenyl
Concen: 0.306 ng
RT: 12.973 min Scan# 1313
Delta R.T. -0.005 min
Lab File: BN037604.D
Acq: 19 Aug 2025 13:04

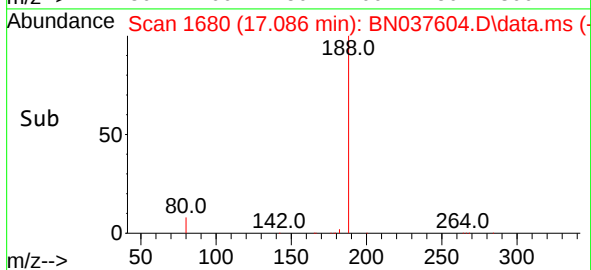
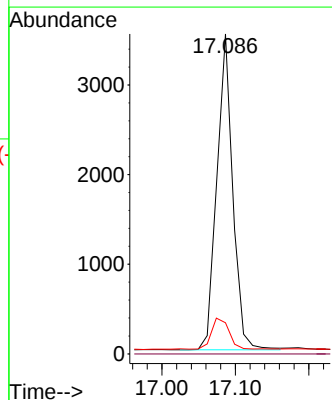
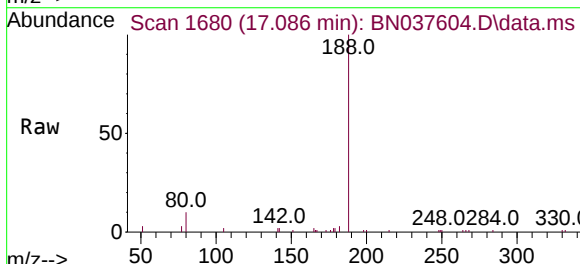
Instrument :
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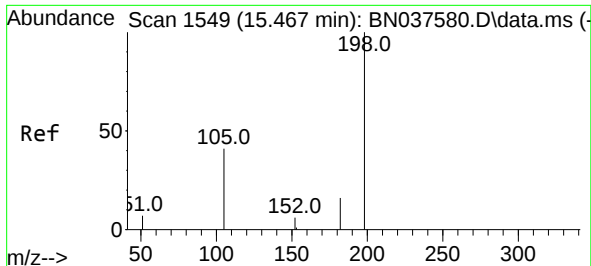
Tgt Ion:	172	Resp:	4451
Ion Ratio	Lower	Upper	
172	100		
171	36.2	28.2	42.4
170	24.8	19.2	28.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.086 min Scan# 1680
Delta R.T. 0.000 min
Lab File: BN037604.D
Acq: 19 Aug 2025 13:04

Tgt Ion:	188	Resp:	5311
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	9.7	9.1	13.7

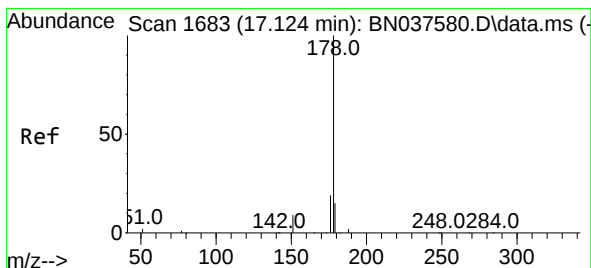
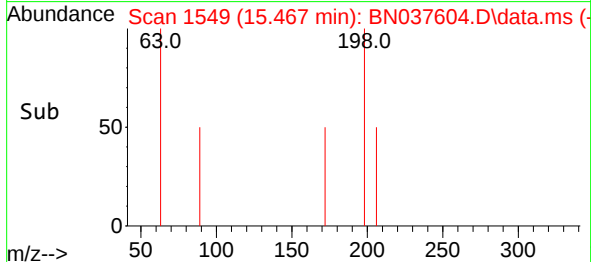
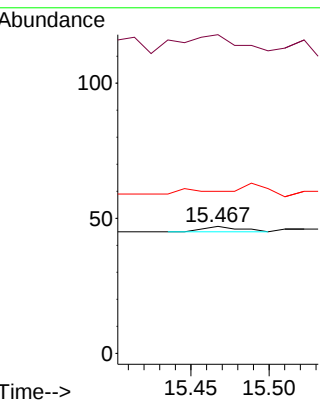
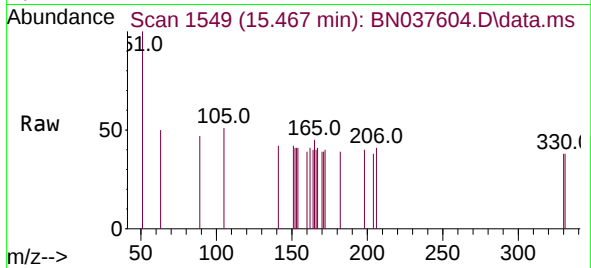




#20
4,6-Dinitro-2-methylphenol
Concen: 0.184 ng
RT: 15.467 min Scan# 1549
Delta R.T. 0.000 min
Lab File: BN037604.D
Acq: 19 Aug 2025 13:04

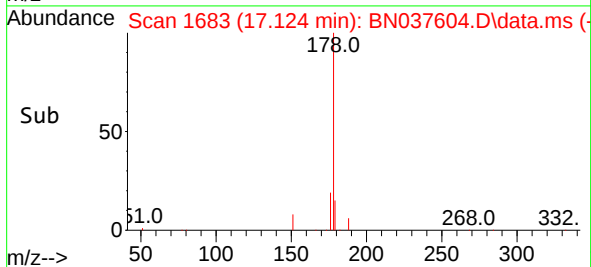
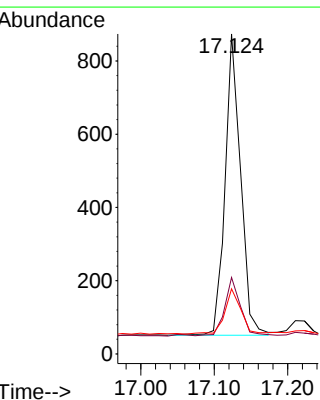
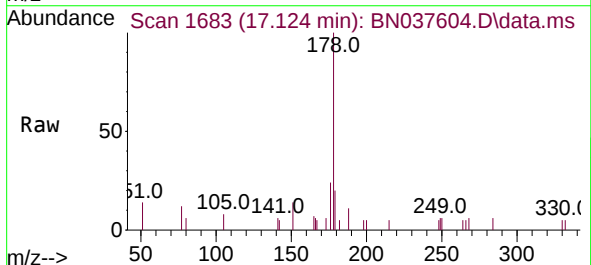
Instrument :
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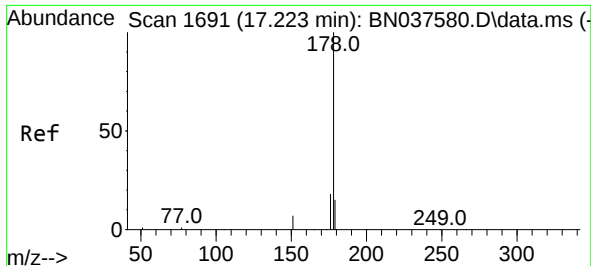
Tgt Ion:198 Resp: 3
Ion Ratio Lower Upper
198 100
51 251.1 81.0 121.6#
105 127.7 52.5 78.7#



#25
Phenanthrene
Concen: 0.075 ng
RT: 17.124 min Scan# 1683
Delta R.T. 0.000 min
Lab File: BN037604.D
Acq: 19 Aug 2025 13:04

Tgt Ion:178 Resp: 1209
Ion Ratio Lower Upper
178 100
176 19.3 15.0 22.6
179 15.9 12.3 18.5

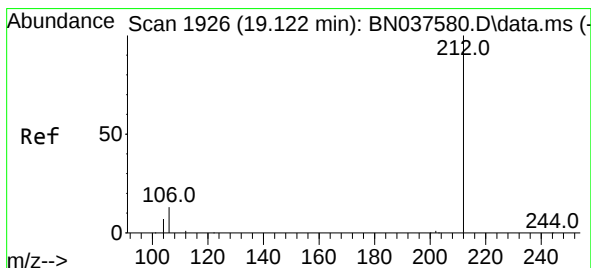
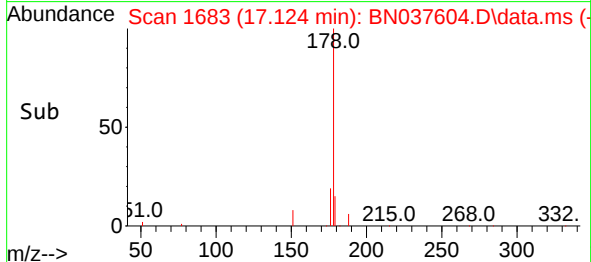
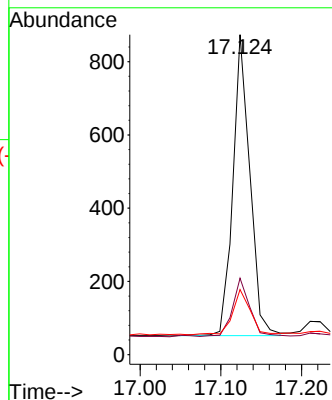
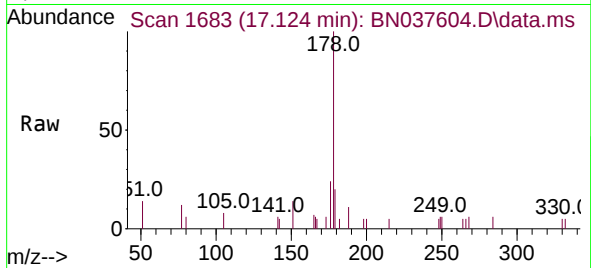




#26
 Anthracene
 Concen: 0.084 ng
 RT: 17.124 min Scan# 1683
 Delta R.T. -0.099 min
 Lab File: BN037604.D
 Acq: 19 Aug 2025 13:04

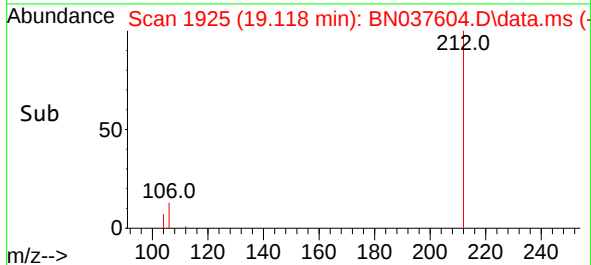
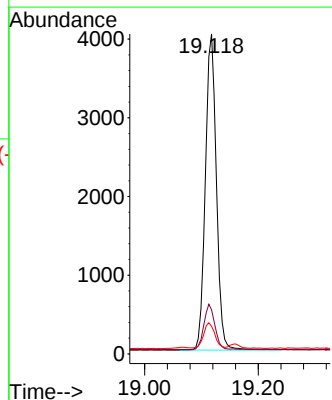
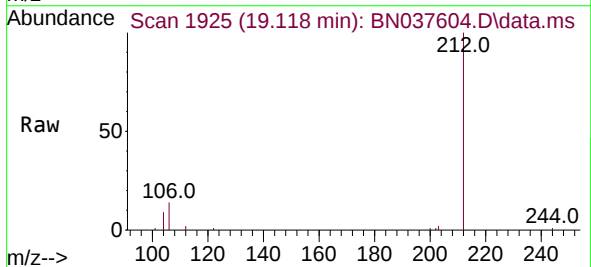
Instrument :
 BNA_N
 ClientSampleId :
 MW-17B-55.5-08122025

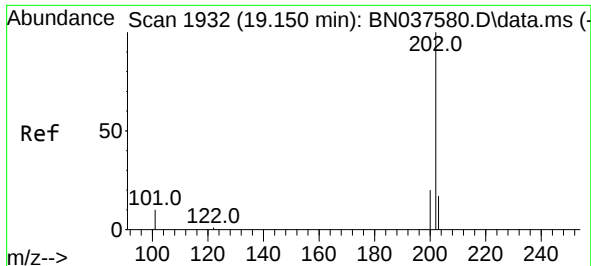
Tgt Ion:	178	Resp:	1201
Ion	Ratio	Lower	Upper
178	100		
176	19.4	14.7	22.1
179	16.0	12.3	18.5



#27
 Fluoranthene-d10
 Concen: 0.387 ng
 RT: 19.118 min Scan# 1925
 Delta R.T. -0.005 min
 Lab File: BN037604.D
 Acq: 19 Aug 2025 13:04

Tgt Ion:	212	Resp:	5412
Ion	Ratio	Lower	Upper
212	100		
106	14.2	11.5	17.3
104	8.2	6.6	9.8

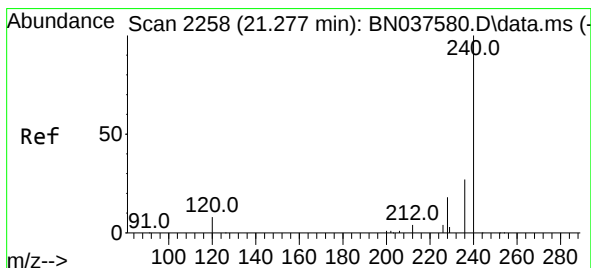
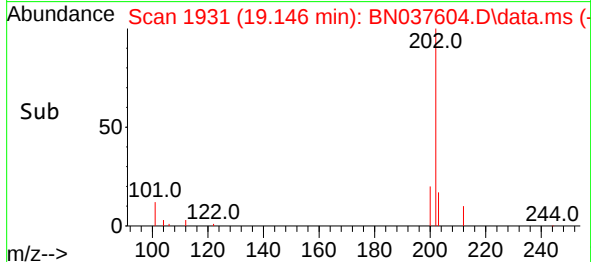
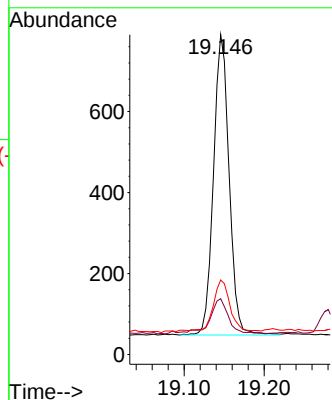
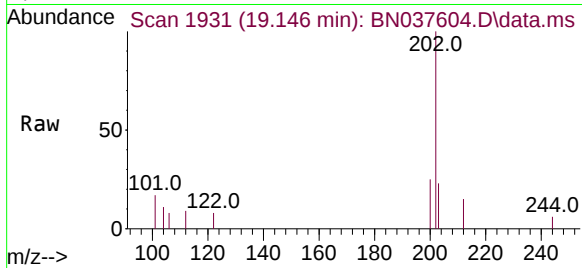




#28
Fluoranthene
Concen: 0.054 ng
RT: 19.146 min Scan# 1932
Delta R.T. -0.005 min
Lab File: BN037604.D
Acq: 19 Aug 2025 13:04

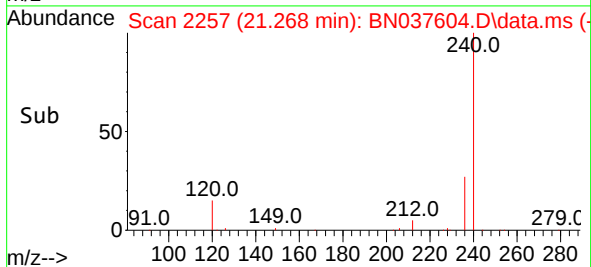
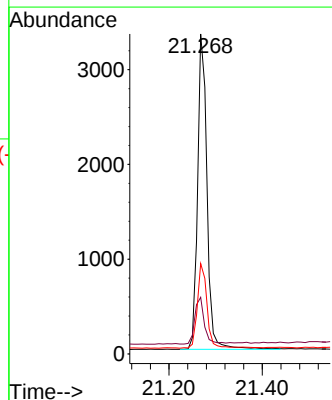
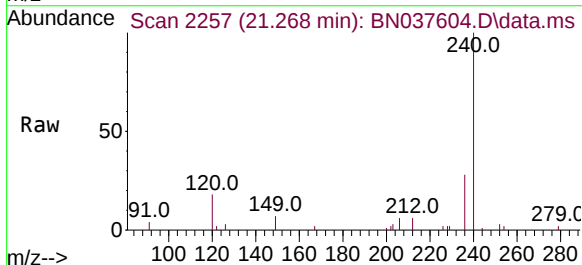
Instrument :
BNA_N
ClientSampleId :
MW-17B-55.5-08122025

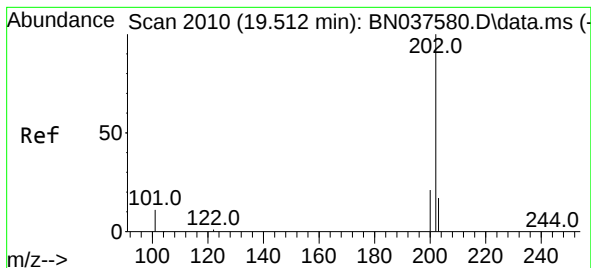
Tgt Ion:202 Resp: 1009
Ion Ratio Lower Upper
202 100
101 13.4 9.0 13.6
203 17.4 13.8 20.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.268 min Scan# 2257
Delta R.T. -0.009 min
Lab File: BN037604.D
Acq: 19 Aug 2025 13:04

Tgt Ion:240 Resp: 4640
Ion Ratio Lower Upper
240 100
120 17.7 8.9 13.3#
236 28.2 22.6 33.8





#30

Pyrene

Concen: 0.037 ng

RT: 19.508 min Scan# 2010

Delta R.T. -0.005 min

Lab File: BN037604.D

Acq: 19 Aug 2025 13:04

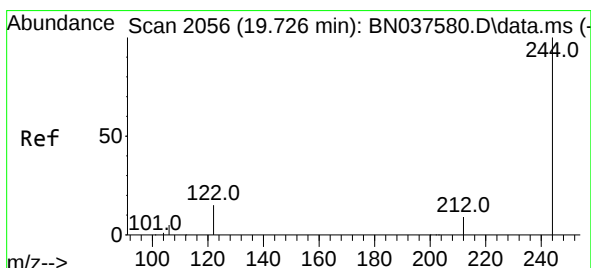
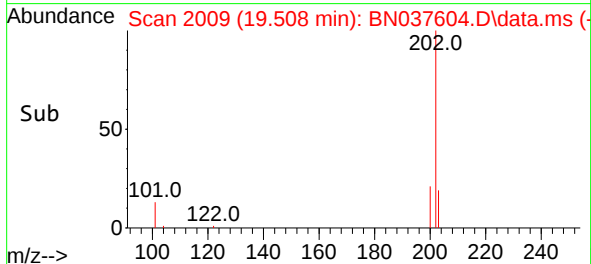
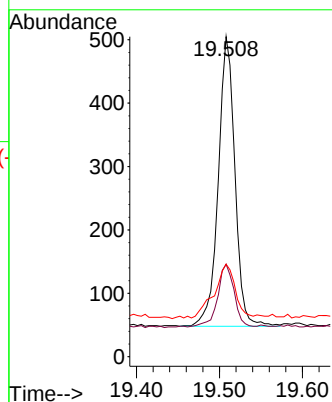
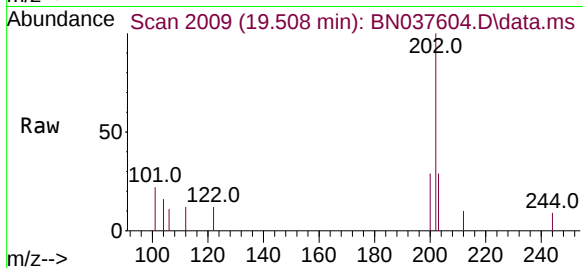
Instrument :

BNA_N

ClientSampleId :

MW-17B-55.5-08122025

Tgt Ion:202	Resp:	640
Ion Ratio	Lower	Upper
202	100	
200	21.3	16.6 25.0
203	23.3	14.3 21.5



#31

Terphenyl-d14

Concen: 0.530 ng

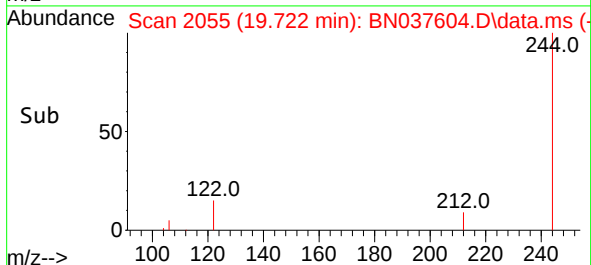
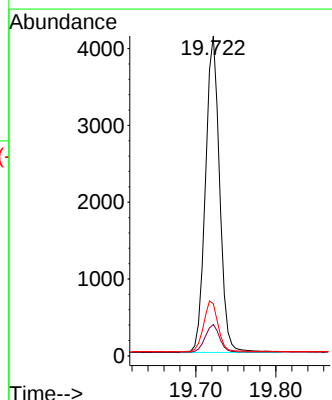
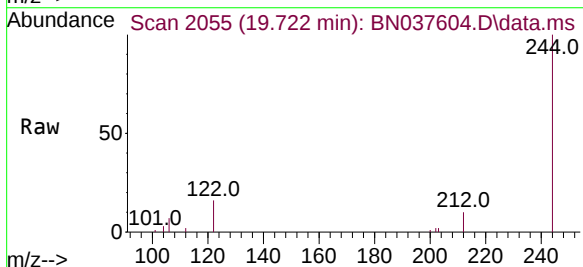
RT: 19.722 min Scan# 2055

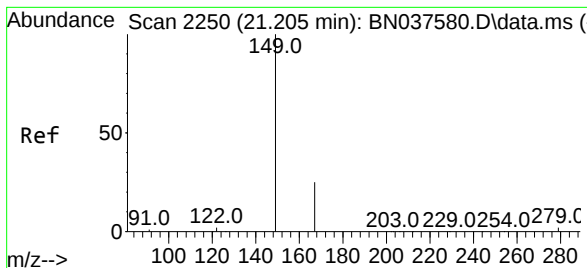
Delta R.T. -0.005 min

Lab File: BN037604.D

Acq: 19 Aug 2025 13:04

Tgt Ion:244	Resp:	5059
Ion Ratio	Lower	Upper
244	100	
212	9.8	8.2 12.2
122	16.3	13.2 19.8

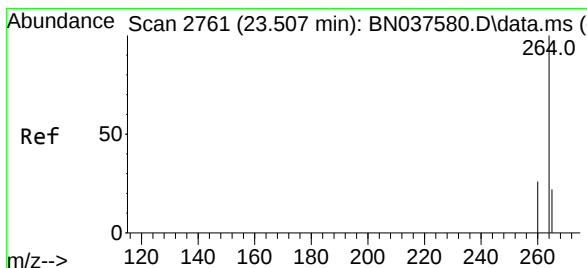
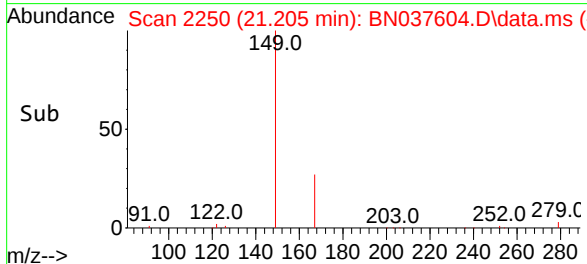
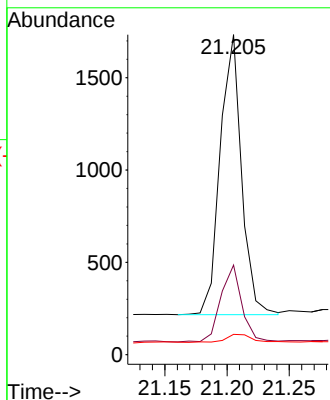
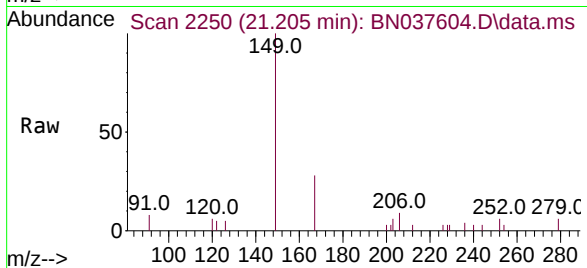




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.284 ng
RT: 21.205 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN037604.D
Acq: 19 Aug 2025 13:04

Instrument :
BNA_N
ClientSampleId :
MW-17B-55.5-08122025

Tgt Ion:149 Resp: 1816
Ion Ratio Lower Upper
149 100
167 27.0 20.5 30.7
279 3.7 2.6 4.0



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.505 min Scan# 2760
Delta R.T. -0.003 min
Lab File: BN037604.D
Acq: 19 Aug 2025 13:04

Tgt Ion:264 Resp: 4122
Ion Ratio Lower Upper
264 100
260 26.3 21.6 32.4
265 67.1 48.2 72.4

