

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052825\
 Data File : BN037114.D
 Acq On : 28 May 2025 18:23
 Operator : RC/JU
 Sample : Q2082-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-182-GW-260-262

Quant Time: May 28 18:56:36 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)

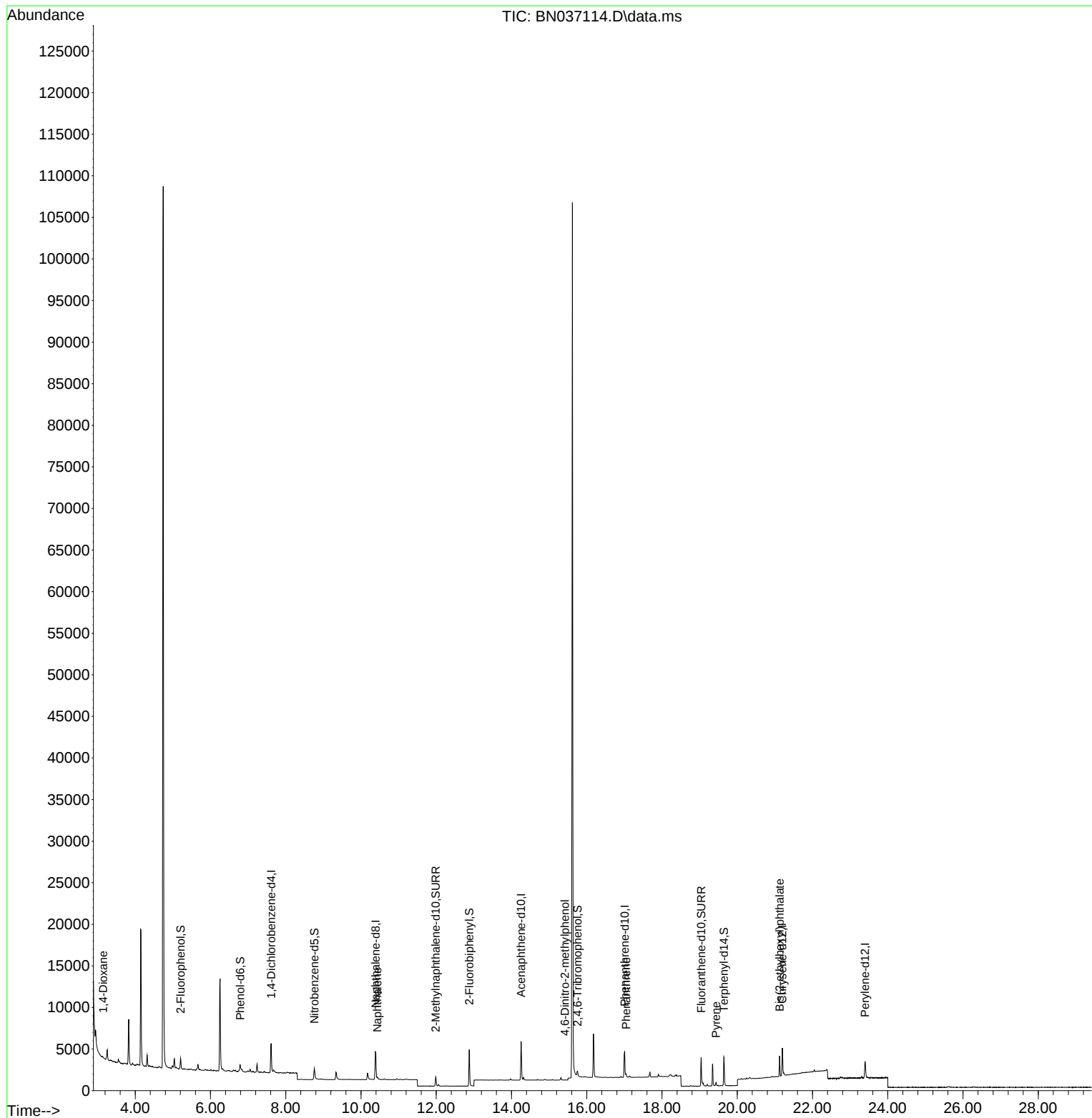
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	1698	0.400	ng	0.00
7) Naphthalene-d8	10.394	136	4547	0.400	ng	-0.01
13) Acenaphthene-d10	14.256	164	2504	0.400	ng	-0.01
19) Phenanthrene-d10	17.009	188	4885	0.400	ng	# 0.00
29) Chrysene-d12	21.198	240	3172	0.400	ng	0.00
35) Perylene-d12	23.398	264	2643	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.206	112	829	0.186	ng	0.00
5) Phenol-d6	6.788	99	720	0.129	ng	0.00
8) Nitrobenzene-d5	8.760	82	1238	0.250	ng	-0.01
11) 2-Methylnaphthalene-d10	11.986	152	1631	0.255	ng	-0.01
14) 2,4,6-Tribromophenol	15.755	330	389	0.354	ng	-0.01
15) 2-Fluorobiphenyl	12.878	172	3942	0.344	ng	-0.01
27) Fluoranthene-d10	19.040	212	3792	0.283	ng	0.00
31) Terphenyl-d14	19.644	244	3379	0.498	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.148	88	81	0.039	ng	# 1
9) Naphthalene	10.436	128	337	0.025	ng	# 63
20) 4,6-Dinitro-2-methylph...	15.421	198	4	0.028	ng	# 1
25) Phenanthrene	17.046	178	393	0.025	ng	# 94
30) Pyrene	19.435	202	348	0.026	ng	97
34) Bis(2-ethylhexyl)phtha...	21.126	149	2004	0.273	ng	# 98

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

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BP-VPB-182-GW-260-262

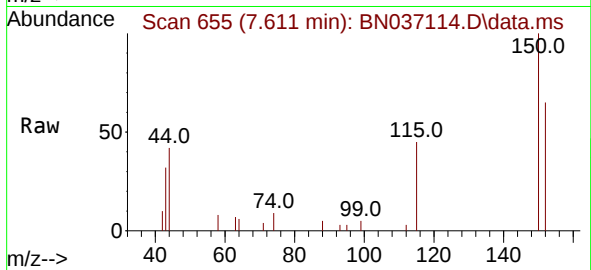
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 14 11:26:32 2025
Response via : Initial Calibration



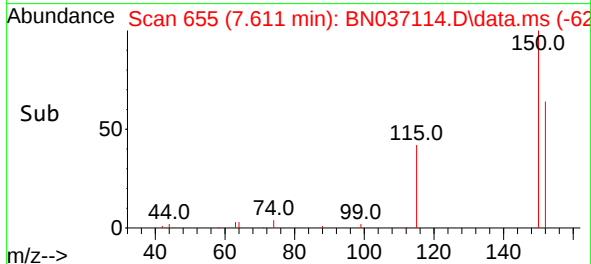
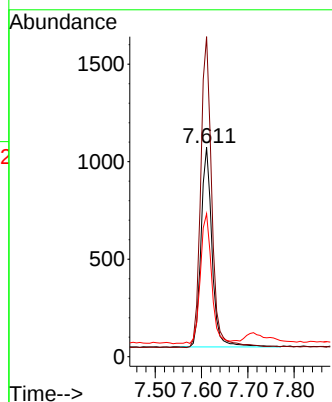


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.611 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN037114.D
 Acq: 28 May 2025 18:23

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-182-GW-260-262

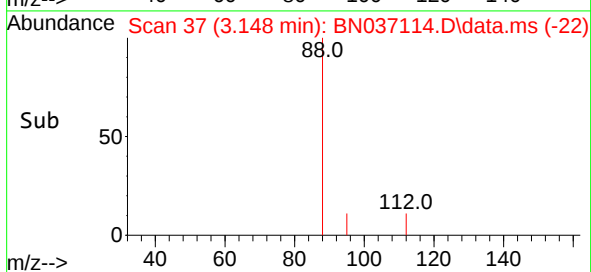
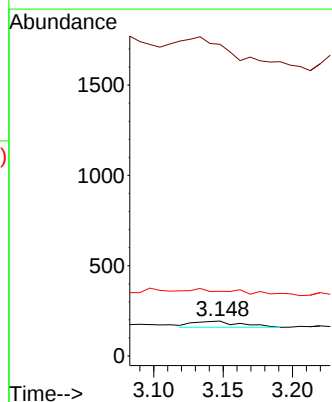
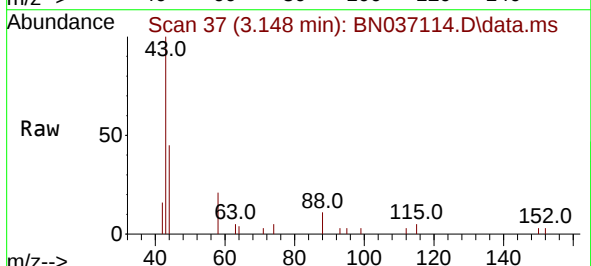


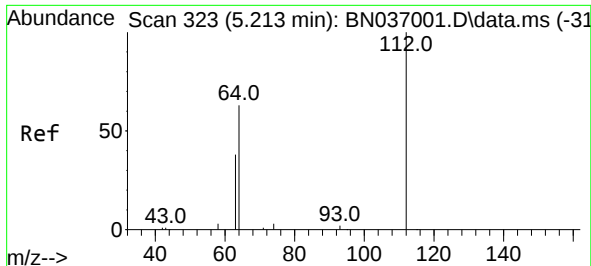
Tgt Ion:152 Resp: 1698
 Ion Ratio Lower Upper
 152 100
 150 152.9 123.9 185.9
 115 68.3 55.8 83.8



#2
 1,4-Dioxane
 Concen: 0.039 ng
 RT: 3.148 min Scan# 37
 Delta R.T. 0.008 min
 Lab File: BN037114.D
 Acq: 28 May 2025 18:23

Tgt Ion: 88 Resp: 81
 Ion Ratio Lower Upper
 88 100
 43 514.8 37.4 56.0#
 58 125.9 68.8 103.2#

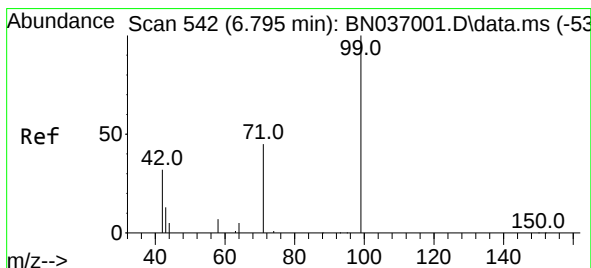
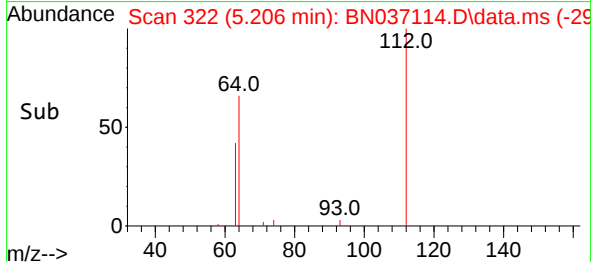
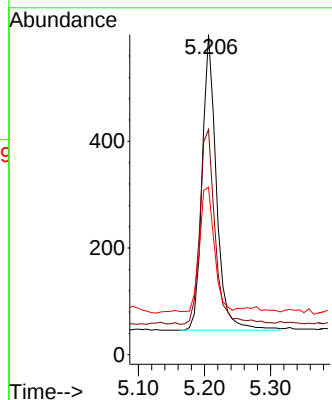
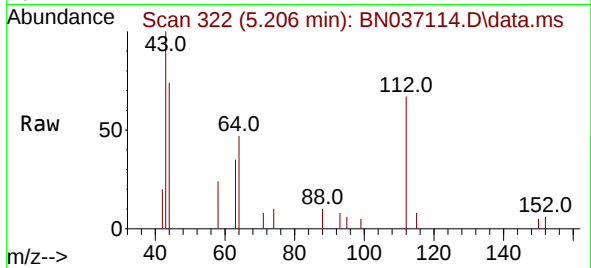




#4
2-Fluorophenol
Concen: 0.186 ng
RT: 5.206 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN037114.D
Acq: 28 May 2025 18:23

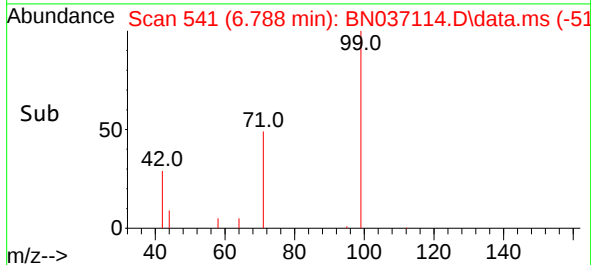
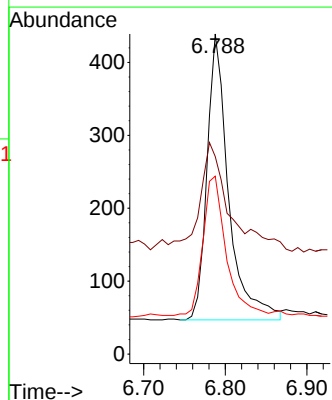
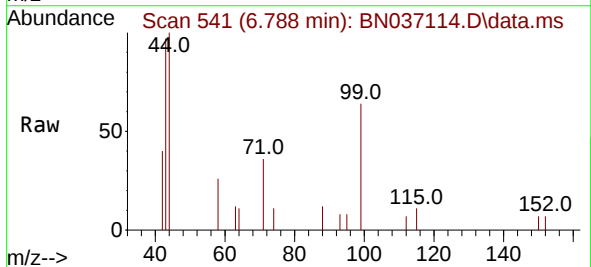
Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-260-262

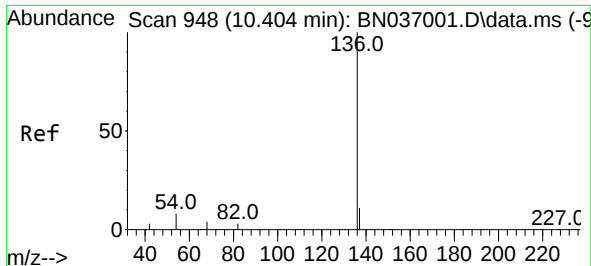
Tgt Ion:112 Resp: 829
Ion Ratio Lower Upper
112 100
64 71.2 55.7 83.5
63 43.5 34.6 51.8



#5
Phenol-d6
Concen: 0.129 ng
RT: 6.788 min Scan# 541
Delta R.T. -0.007 min
Lab File: BN037114.D
Acq: 28 May 2025 18:23

Tgt Ion: 99 Resp: 720
Ion Ratio Lower Upper
99 100
42 50.6 29.3 43.9#
71 51.9 35.7 53.5

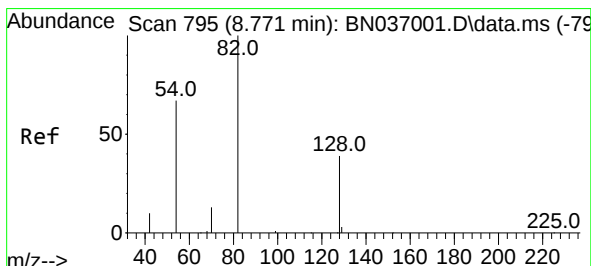
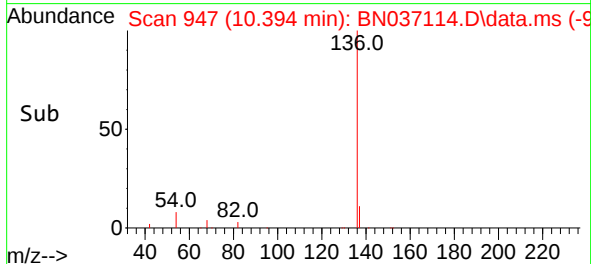
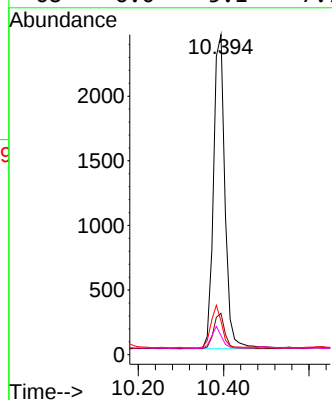
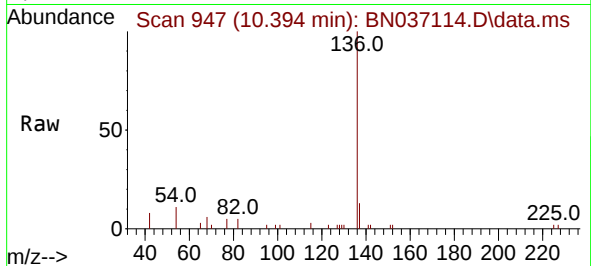




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.394 min Scan# 948
Delta R.T. -0.011 min
Lab File: BN037114.D
Acq: 28 May 2025 18:23

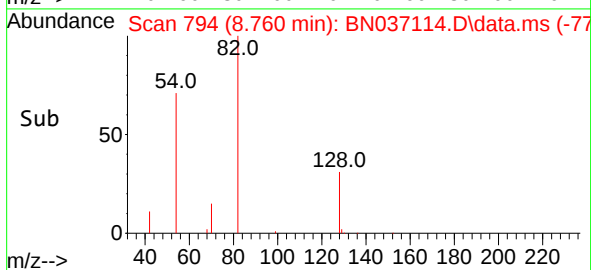
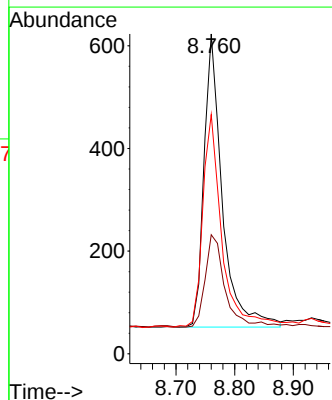
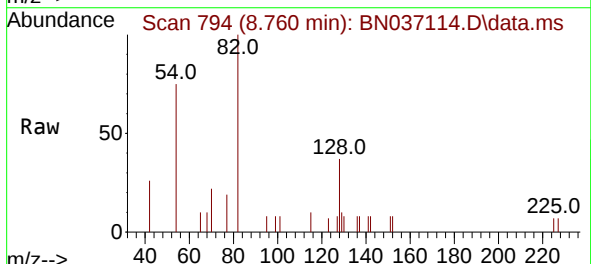
Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-260-262

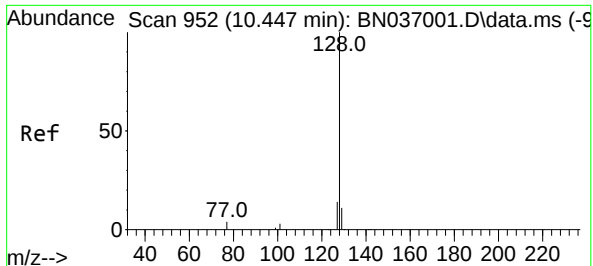
Tgt Ion:	136	Resp:	4547
Ion	Ratio	Lower	Upper
136	100		
137	12.9	10.4	15.6
54	10.5	8.5	12.7
68	6.0	5.1	7.7



#8
Nitrobenzene-d5
Concen: 0.250 ng
RT: 8.760 min Scan# 794
Delta R.T. -0.011 min
Lab File: BN037114.D
Acq: 28 May 2025 18:23

Tgt Ion:	82	Resp:	1238
Ion	Ratio	Lower	Upper
82	100		
128	37.2	34.0	51.0
54	74.8	55.0	82.4

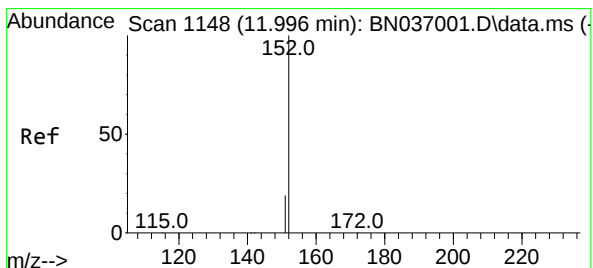
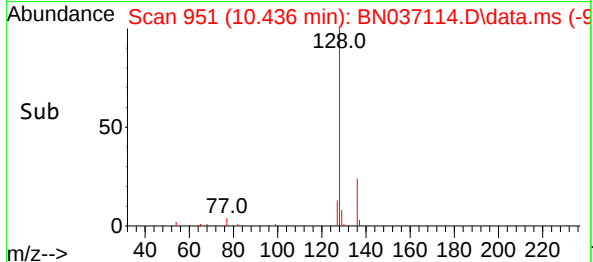
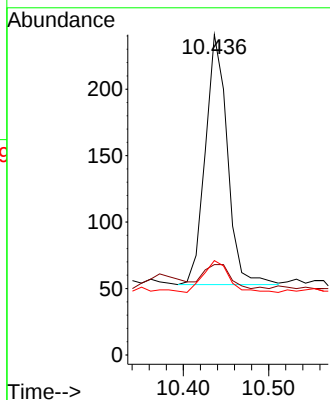
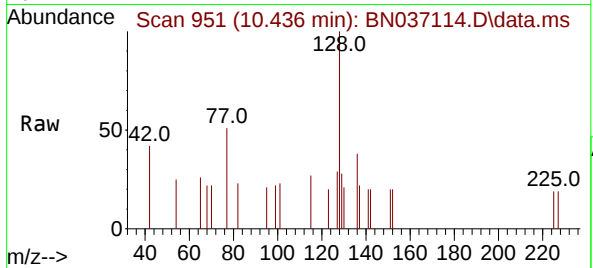




#9
Naphthalene
Concen: 0.025 ng
RT: 10.436 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN037114.D
Acq: 28 May 2025 18:23

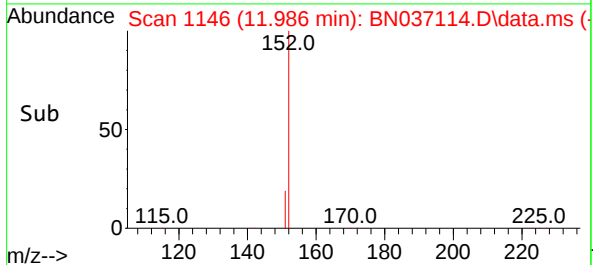
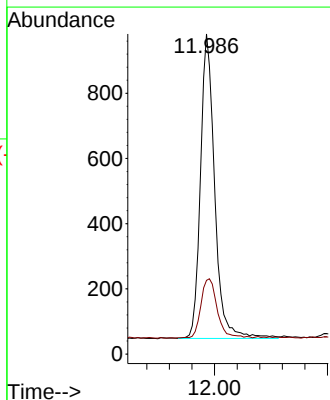
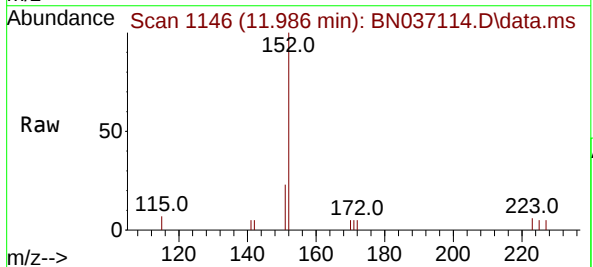
Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-260-262

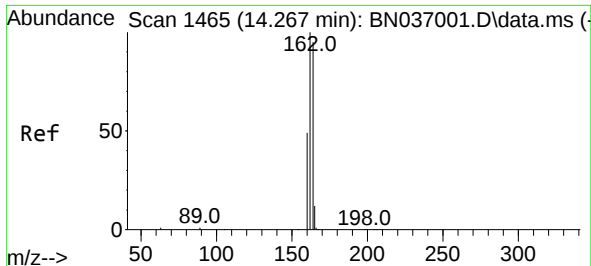
Tgt Ion:128 Resp: 337
Ion Ratio Lower Upper
128 100
129 28.2 9.7 14.5#
127 29.5 12.4 18.6#



#11
2-Methylnaphthalene-d10
Concen: 0.255 ng
RT: 11.986 min Scan# 1146
Delta R.T. -0.010 min
Lab File: BN037114.D
Acq: 28 May 2025 18:23

Tgt Ion:152 Resp: 1631
Ion Ratio Lower Upper
152 100
151 22.4 17.5 26.3

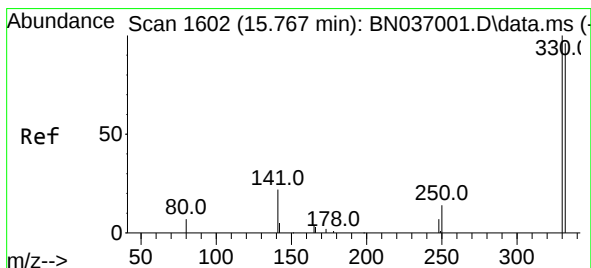
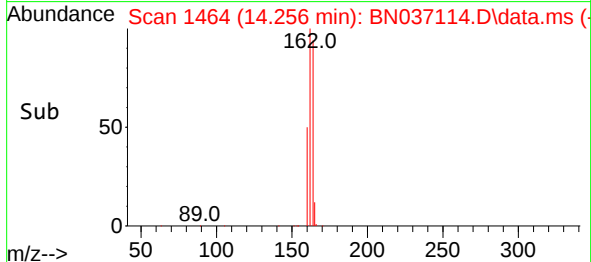
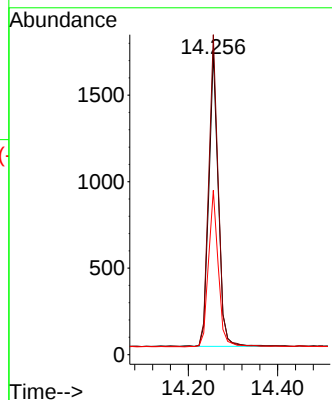
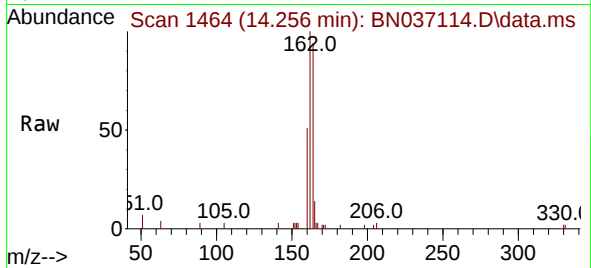




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.256 min Scan# 1464
Delta R.T. -0.011 min
Lab File: BN037114.D
Acq: 28 May 2025 18:23

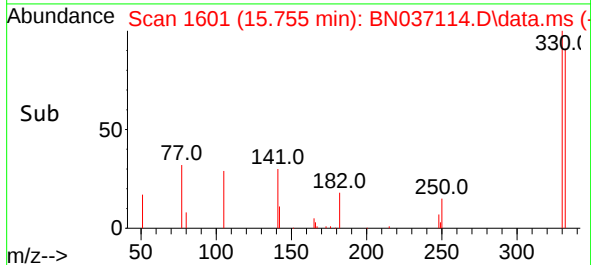
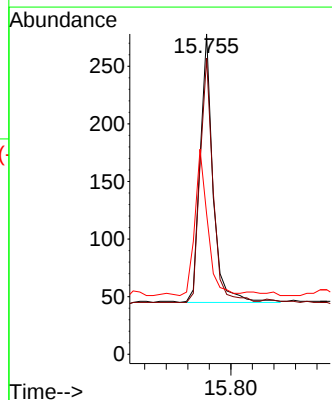
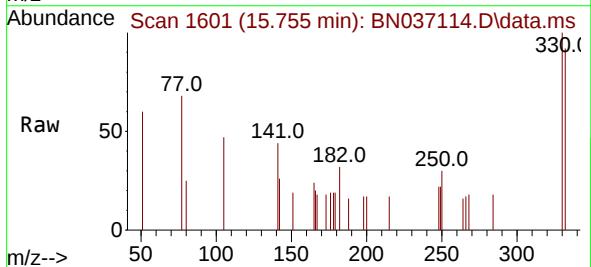
Instrument :
BNA_N
ClientSampleId :
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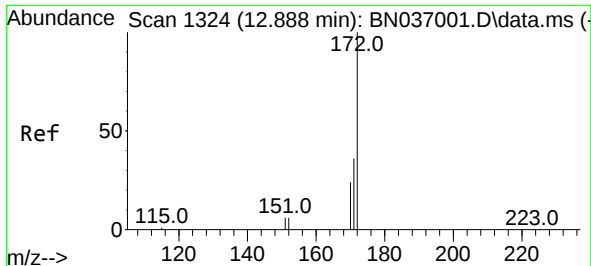
Tgt Ion:	164	Resp:	2504
Ion	Ratio	Lower	Upper
164	100		
162	105.8	84.2	126.4
160	54.3	42.6	63.8



#14
2,4,6-Tribromophenol
Concen: 0.354 ng
RT: 15.755 min Scan# 1601
Delta R.T. -0.012 min
Lab File: BN037114.D
Acq: 28 May 2025 18:23

Tgt Ion:	330	Resp:	389
Ion	Ratio	Lower	Upper
330	100		
332	91.3	73.8	110.8
141	55.0	43.9	65.9

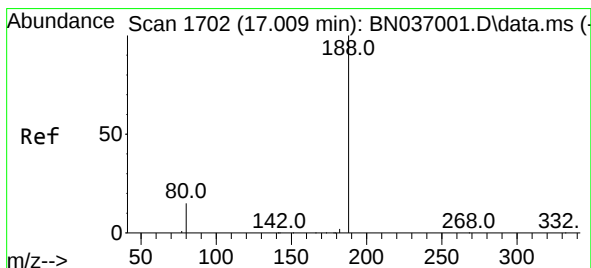
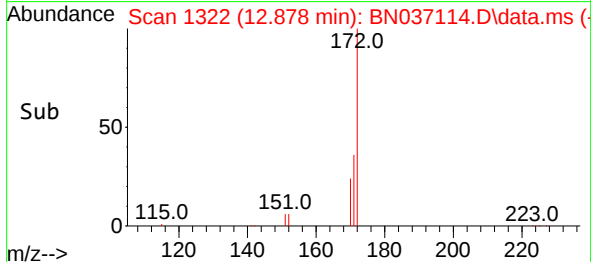
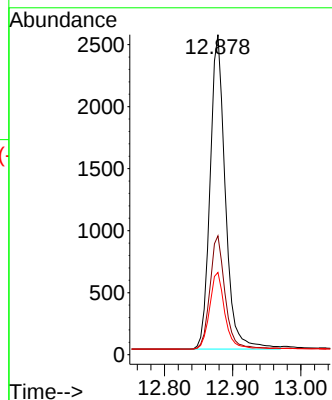
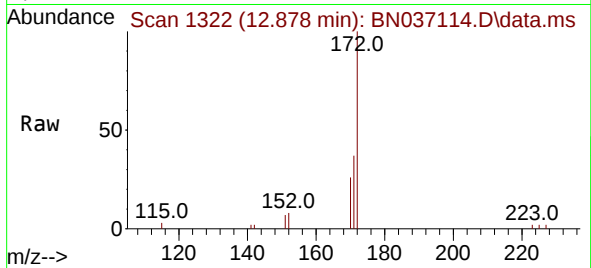




#15
2-Fluorobiphenyl
Concen: 0.344 ng
RT: 12.878 min Scan# 11
Delta R.T. -0.010 min
Lab File: BN037114.D
Acq: 28 May 2025 18:23

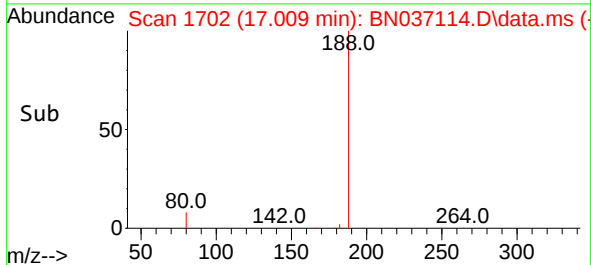
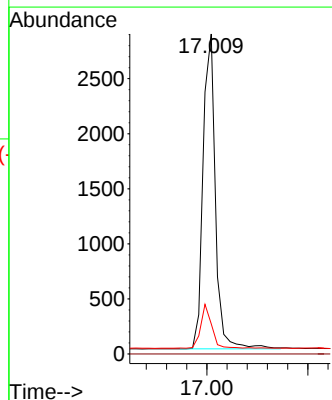
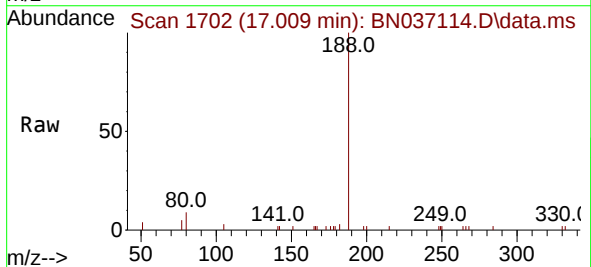
Instrument :
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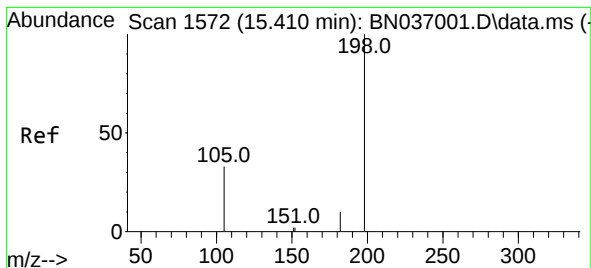
Tgt Ion:172	Resp:	3942
Ion Ratio	Lower	Upper
172	100	
171	37.2	29.2 43.8
170	25.7	20.5 30.7



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.009 min Scan# 1702
Delta R.T. 0.000 min
Lab File: BN037114.D
Acq: 28 May 2025 18:23

Tgt Ion:188	Resp:	4885
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0 0.0
80	9.4	13.4 20.0

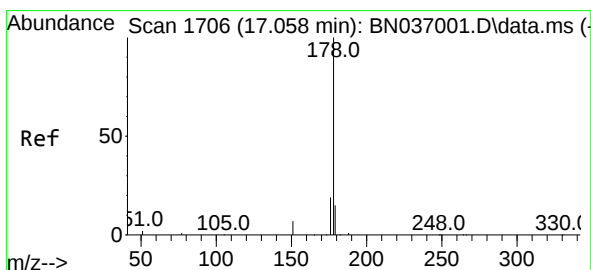
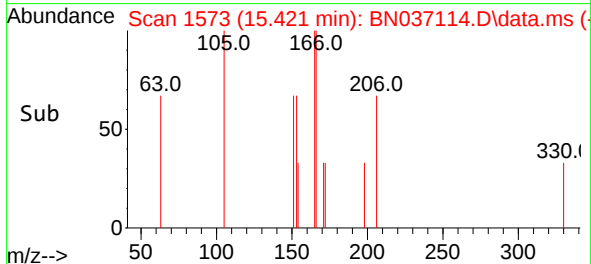
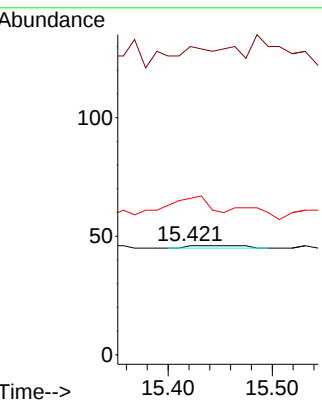
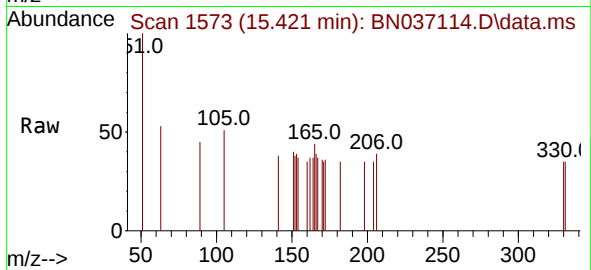




#20
4,6-Dinitro-2-methylphenol
Concen: 0.028 ng
RT: 15.421 min Scan# 11
Delta R.T. 0.011 min
Lab File: BN037114.D
Acq: 28 May 2025 18:23

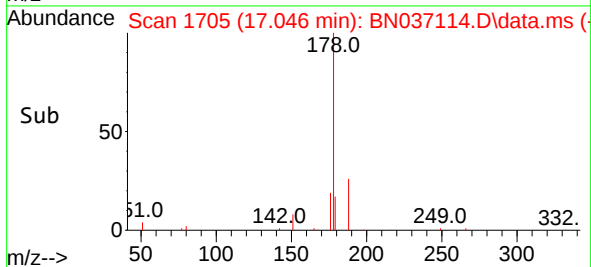
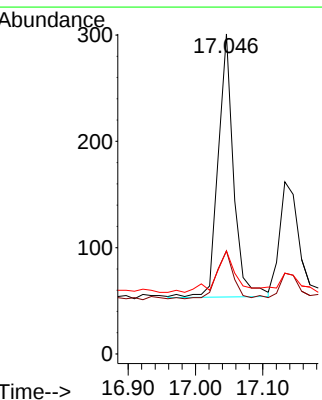
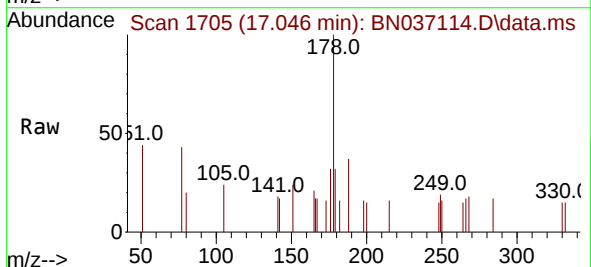
Instrument :
BNA_N
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BP-VPB-182-GW-260-262

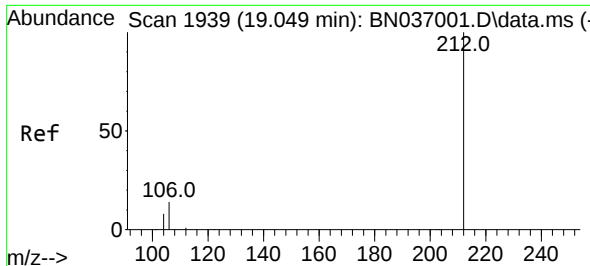
Tgt Ion:198 Resp: 4
Ion Ratio Lower Upper
198 100
51 282.6 87.8 131.6#
105 143.5 44.2 66.4#



#25
Phenanthrene
Concen: 0.025 ng
RT: 17.046 min Scan# 1705
Delta R.T. -0.012 min
Lab File: BN037114.D
Acq: 28 May 2025 18:23

Tgt Ion:178 Resp: 393
Ion Ratio Lower Upper
178 100
176 20.4 15.7 23.5
179 20.4 12.2 18.2#

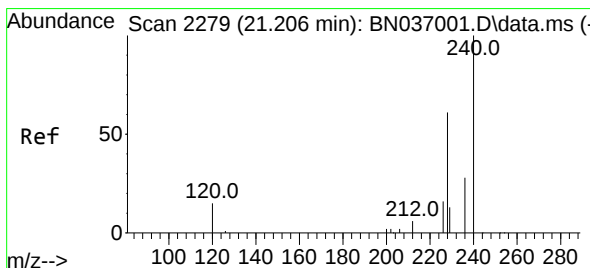
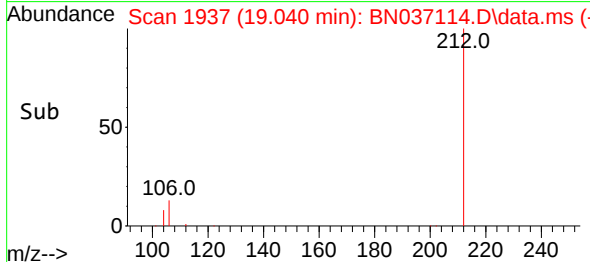
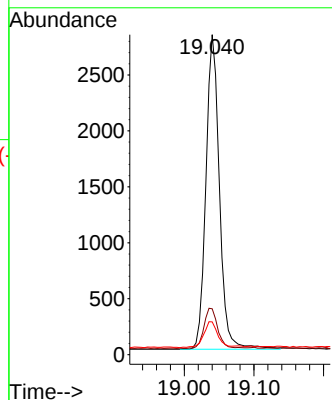
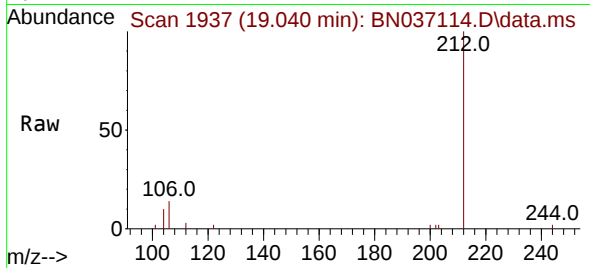




#27
Fluoranthene-d10
Concen: 0.283 ng
RT: 19.040 min Scan# 1937
Delta R.T. -0.009 min
Lab File: BN037114.D
Acq: 28 May 2025 18:23

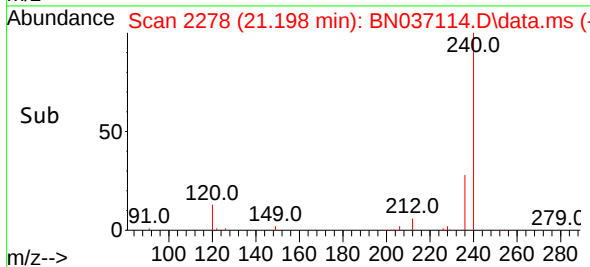
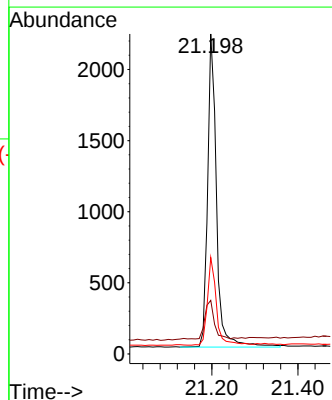
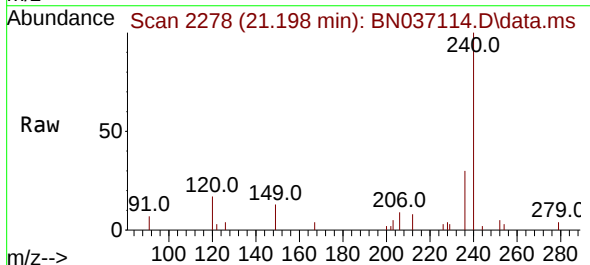
Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-260-262

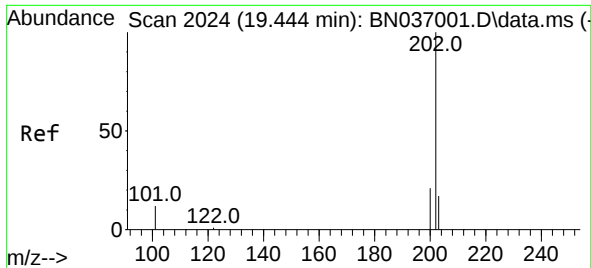
Tgt Ion:212 Resp: 3792
Ion Ratio Lower Upper
212 100
106 13.1 11.3 16.9
104 8.6 6.7 10.1



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.198 min Scan# 2278
Delta R.T. -0.009 min
Lab File: BN037114.D
Acq: 28 May 2025 18:23

Tgt Ion:240 Resp: 3172
Ion Ratio Lower Upper
240 100
120 16.8 15.1 22.7
236 30.1 24.0 36.0

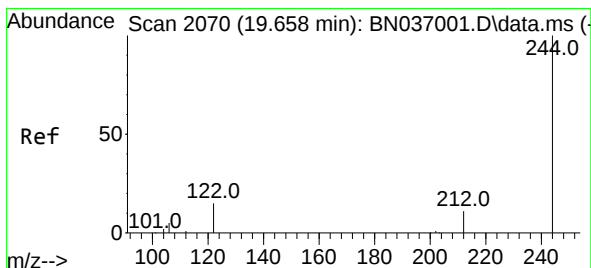
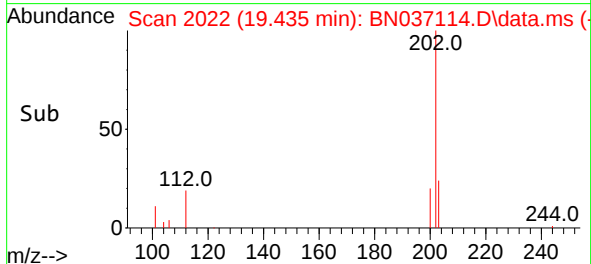
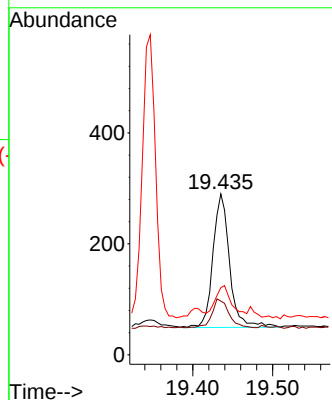
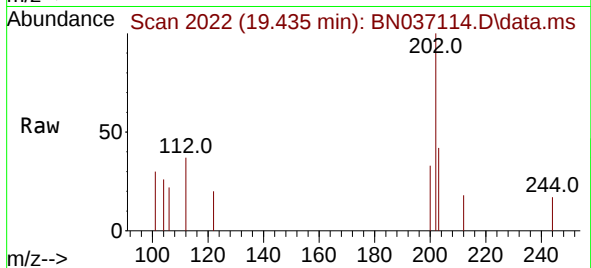




#30
Pyrene
Concen: 0.026 ng
RT: 19.435 min Scan# 20
Delta R.T. -0.009 min
Lab File: BN037114.D
Acq: 28 May 2025 18:23

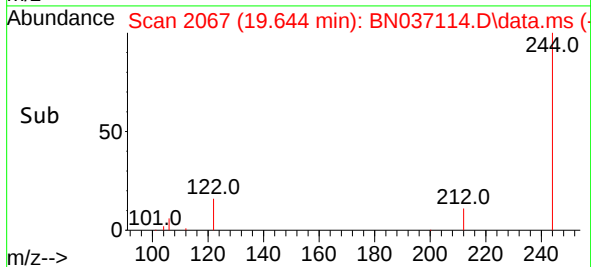
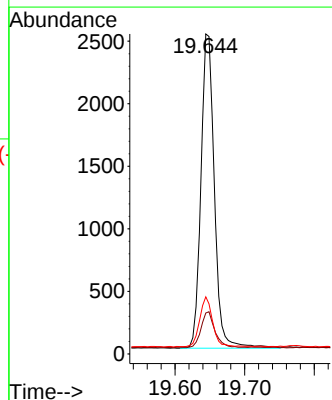
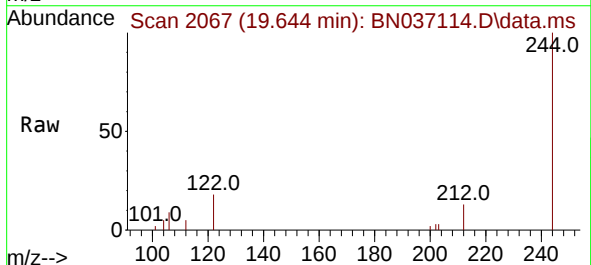
Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-260-262

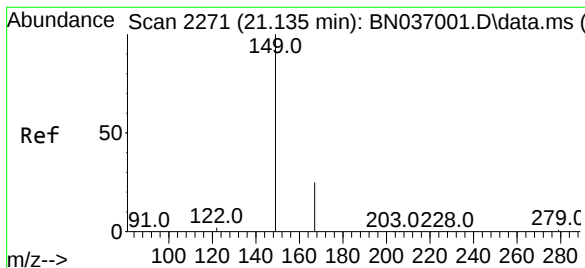
Tgt Ion:202 Resp: 348
Ion Ratio Lower Upper
202 100
200 23.0 17.1 25.7
203 19.3 14.2 21.4



#31
Terphenyl-d14
Concen: 0.498 ng
RT: 19.644 min Scan# 2067
Delta R.T. -0.014 min
Lab File: BN037114.D
Acq: 28 May 2025 18:23

Tgt Ion:244 Resp: 3379
Ion Ratio Lower Upper
244 100
212 12.8 9.7 14.5
122 17.8 13.4 20.0

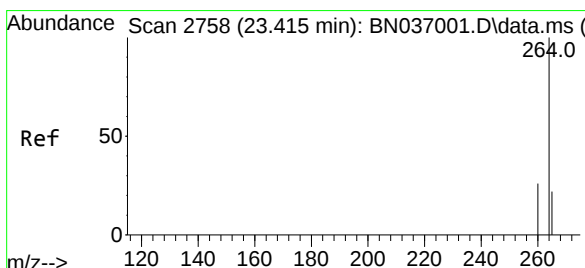
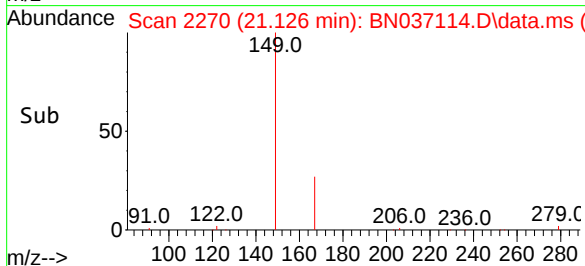
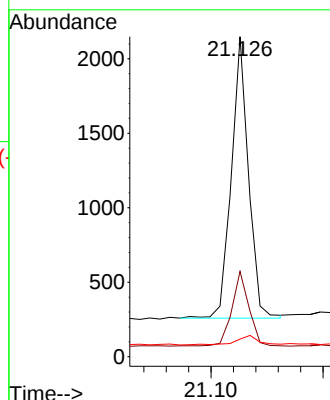
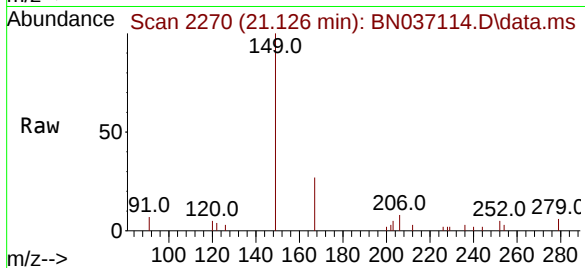




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.273 ng
 RT: 21.126 min Scan# 2110
 Delta R.T. -0.009 min
 Lab File: BN037114.D
 Acq: 28 May 2025 18:23

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-182-GW-260-262

Tgt Ion:149 Resp: 2004
 Ion Ratio Lower Upper
 149 100
 167 26.4 20.6 30.8
 279 4.3 2.6 3.8#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.398 min Scan# 2752
 Delta R.T. -0.017 min
 Lab File: BN037114.D
 Acq: 28 May 2025 18:23

Tgt Ion:264 Resp: 2643
 Ion Ratio Lower Upper
 264 100
 260 27.8 21.9 32.9
 265 76.9 51.6 77.4

