

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061925\
 Data File : BN037321.D
 Acq On : 18 Jun 2025 19:32
 Operator : RC/JU
 Sample : PB168508BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB168508BL

Quant Time: Jun 19 02:40:01 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 18 18:40:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.575	152	752	0.400	ng	0.00
7) Naphthalene-d8	10.362	136	1540	0.400	ng	# 0.01
13) Acenaphthene-d10	14.224	164	1164	0.400	ng	0.00
19) Phenanthrene-d10	16.984	188	2216	0.400	ng	0.01
29) Chrysene-d12	21.171	240	2244	0.400	ng	# 0.00
35) Perylene-d12	23.363	264	2480	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.170	112	554	0.405	ng	0.00
5) Phenol-d6	6.759	99	422	0.314	ng	0.00
8) Nitrobenzene-d5	8.749	82	394	0.307	ng	0.02
11) 2-Methylnaphthalene-d10	11.966	152	877	0.350	ng	0.02
14) 2,4,6-Tribromophenol	15.743	330	160	0.186	ng	0.02
15) 2-Fluorobiphenyl	12.858	172	1548	0.303	ng	0.02
27) Fluoranthene-d10	19.012	212	2616	0.372	ng	0.00
31) Terphenyl-d14	19.621	244	2001	0.389	ng	0.00

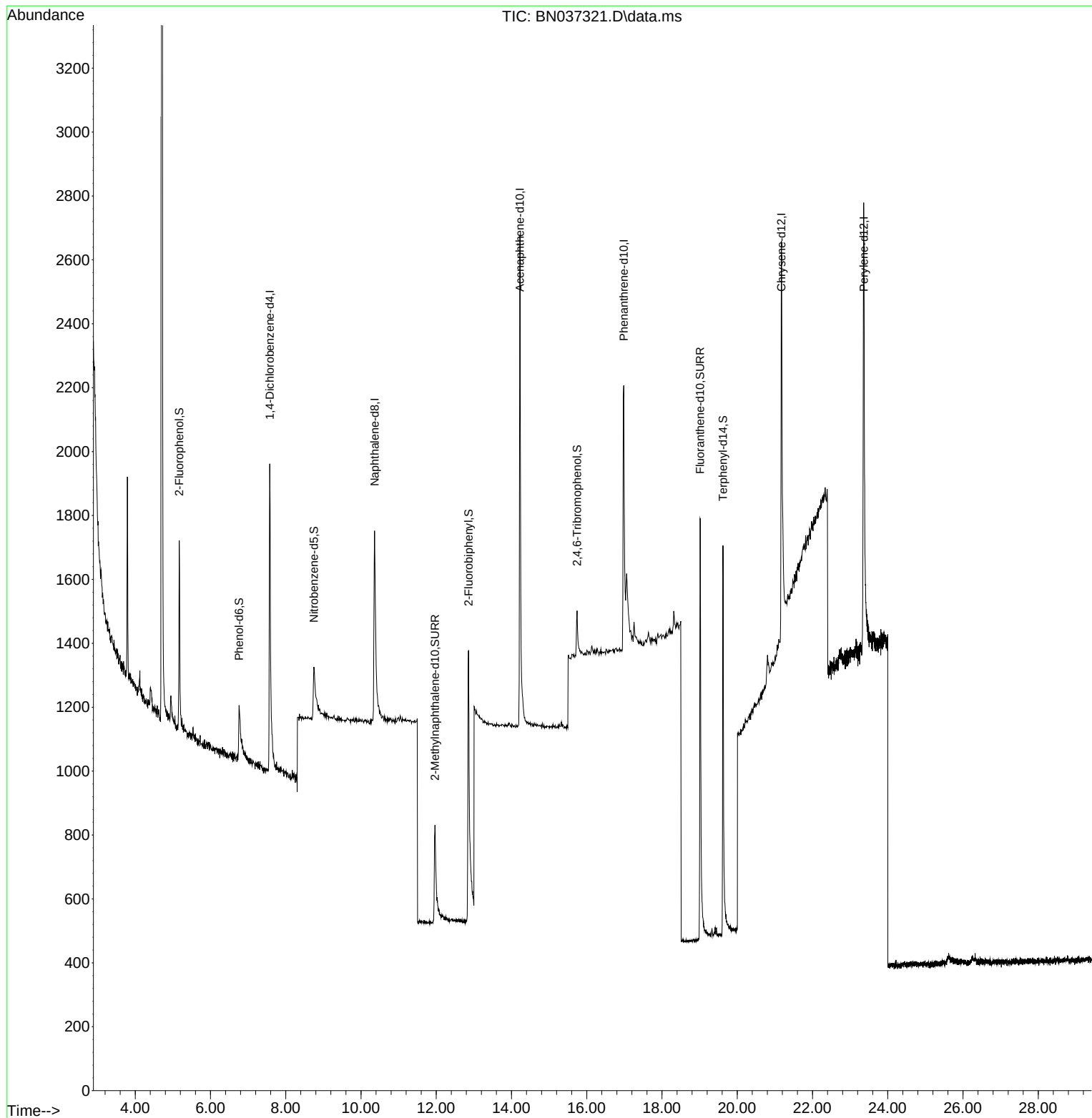
Target Compounds Qvalue

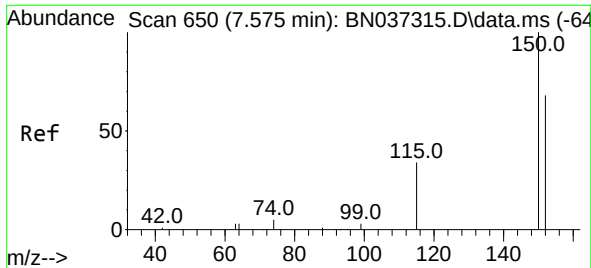
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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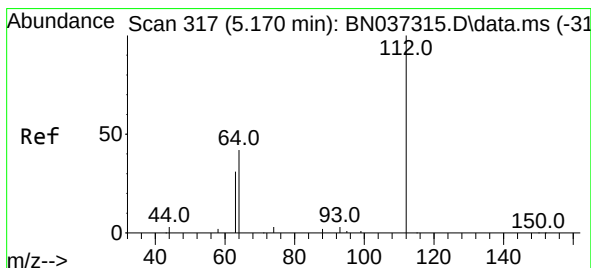
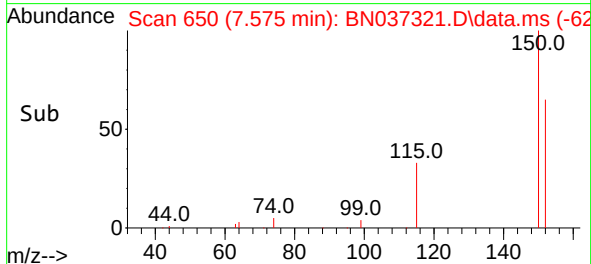
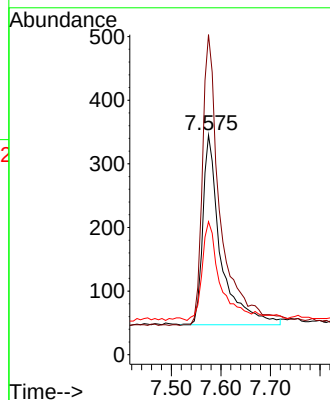
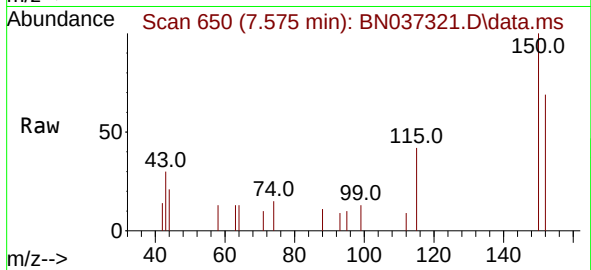




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.575 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN037321.D
Acq: 18 Jun 2025 19:32

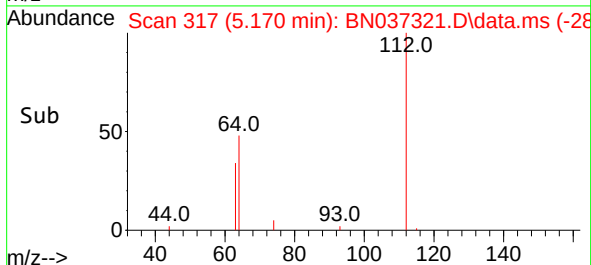
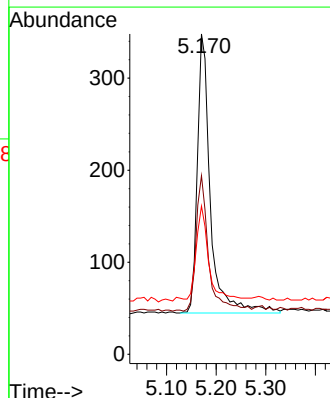
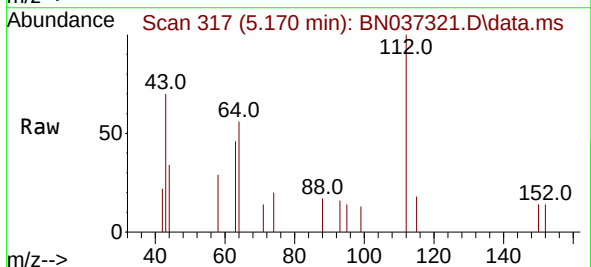
Instrument :
BNA_N
ClientSampleId :
PB168508BL

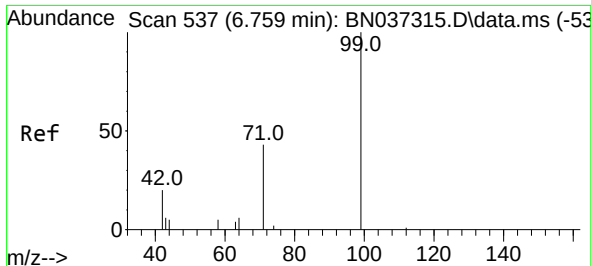
Tgt Ion:152 Resp: 752
Ion Ratio Lower Upper
152 100
150 145.8 112.7 169.1
115 60.6 45.9 68.9



#4
2-Fluorophenol
Concen: 0.405 ng
RT: 5.170 min Scan# 317
Delta R.T. 0.000 min
Lab File: BN037321.D
Acq: 18 Jun 2025 19:32

Tgt Ion:112 Resp: 554
Ion Ratio Lower Upper
112 100
64 46.4 38.7 58.1
63 32.1 26.4 39.6

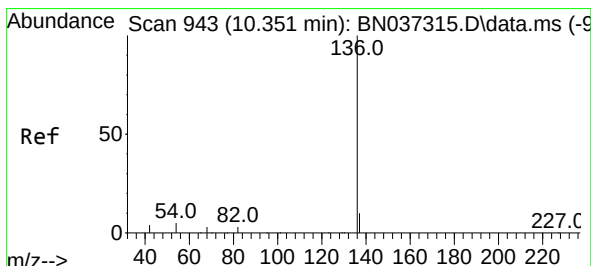
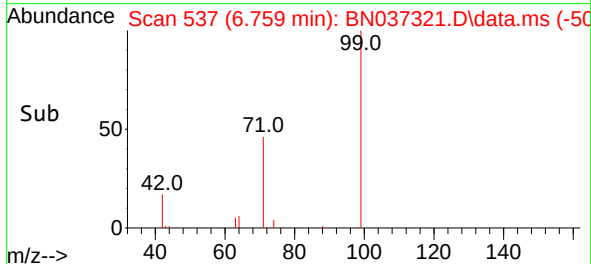
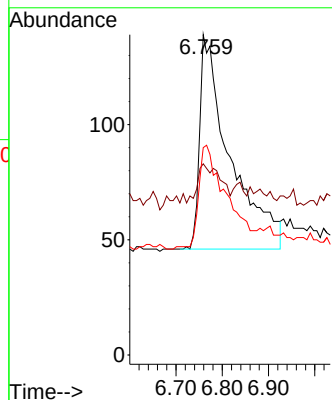
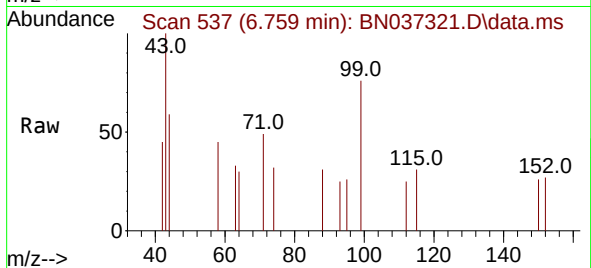




#5
Phenol-d6
Concen: 0.314 ng
RT: 6.759 min Scan# 511
Delta R.T. 0.000 min
Lab File: BN037321.D
Acq: 18 Jun 2025 19:32

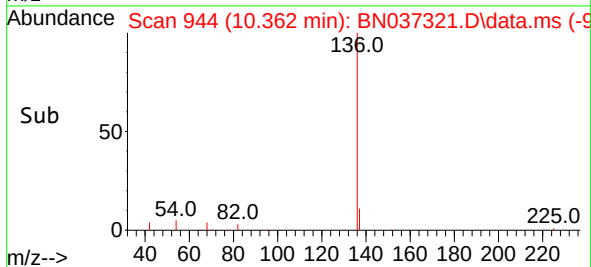
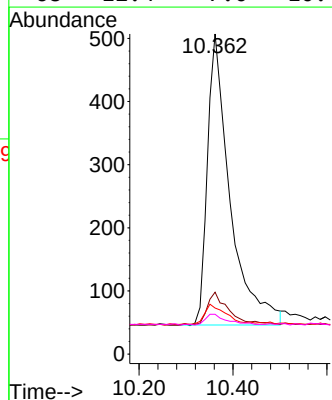
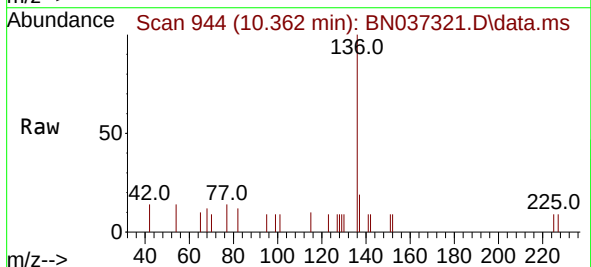
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ClientSampleId :
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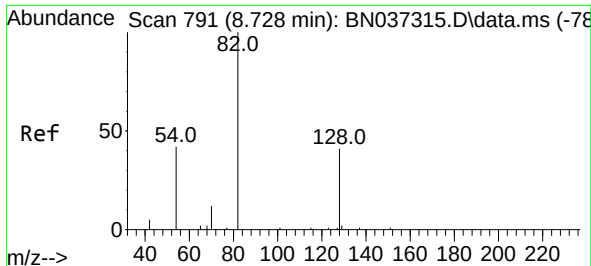
Tgt Ion: 99 Resp: 422
Ion Ratio Lower Upper
99 100
42 13.3 19.8 29.8#
71 44.8 42.6 64.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.362 min Scan# 944
Delta R.T. 0.011 min
Lab File: BN037321.D
Acq: 18 Jun 2025 19:32

Tgt Ion: 136 Resp: 1540
Ion Ratio Lower Upper
136 100
137 19.3 12.2 18.2#
54 14.4 8.8 13.2#
68 12.4 7.0 10.4#

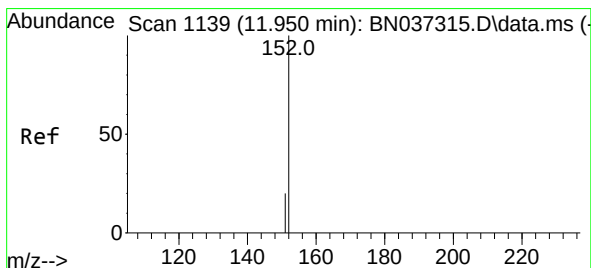
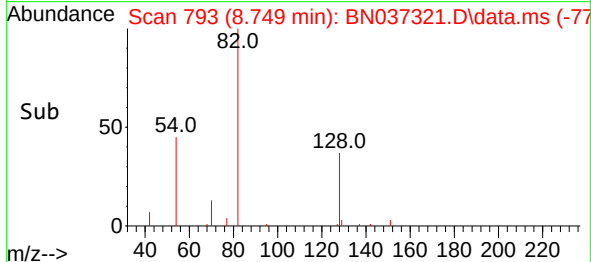
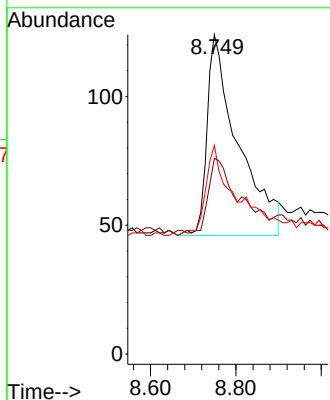
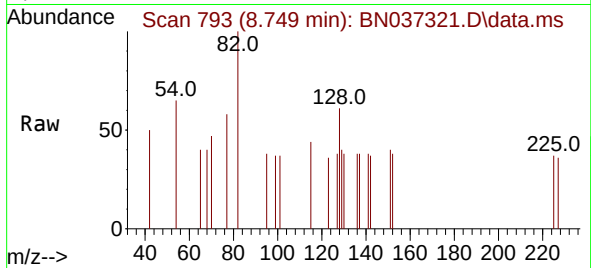




#8
 Nitrobenzene-d5
 Concen: 0.307 ng
 RT: 8.749 min Scan# 791
 Delta R.T. 0.021 min
 Lab File: BN037321.D
 Acq: 18 Jun 2025 19:32

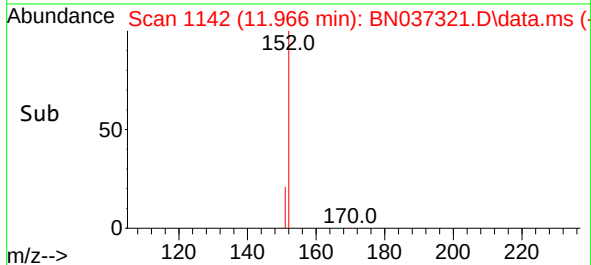
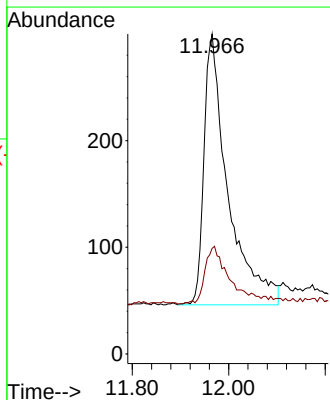
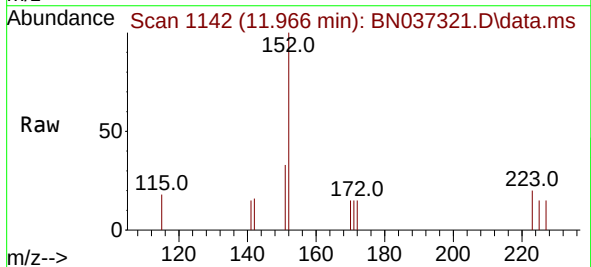
Instrument :
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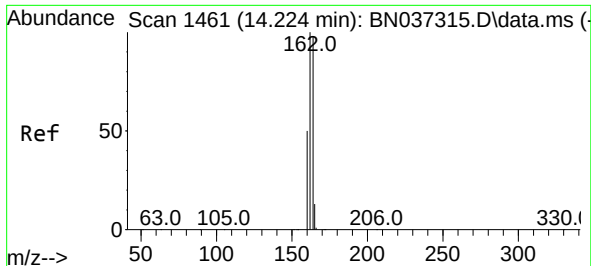
Tgt Ion: 82 Resp: 394
 Ion Ratio Lower Upper
 82 100
 128 61.3 42.5 63.7
 54 65.3 43.2 64.8#



#11
 2-Methylnaphthalene-d10
 Concen: 0.350 ng
 RT: 11.966 min Scan# 1142
 Delta R.T. 0.015 min
 Lab File: BN037321.D
 Acq: 18 Jun 2025 19:32

Tgt Ion: 152 Resp: 877
 Ion Ratio Lower Upper
 152 100
 151 20.1 17.4 26.0

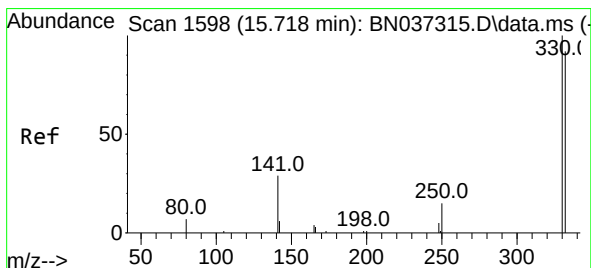
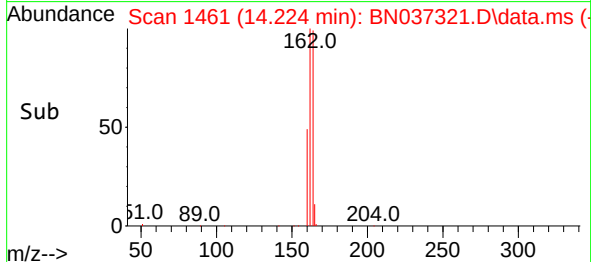
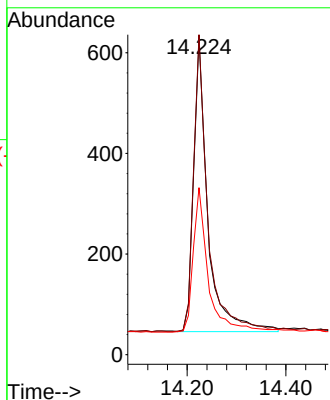
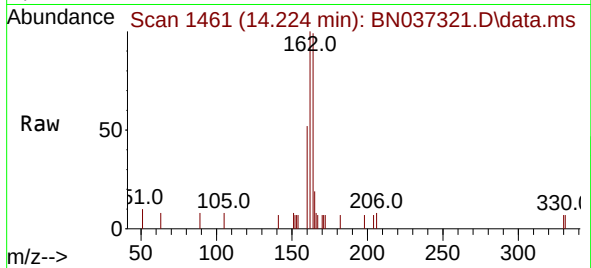




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.224 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BN037321.D
Acq: 18 Jun 2025 19:32

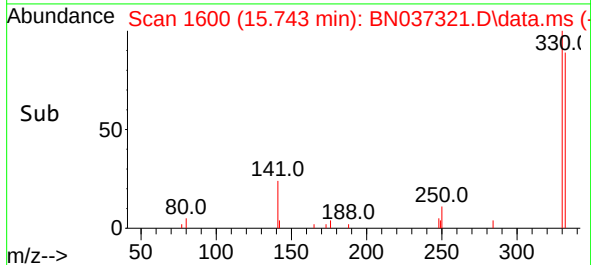
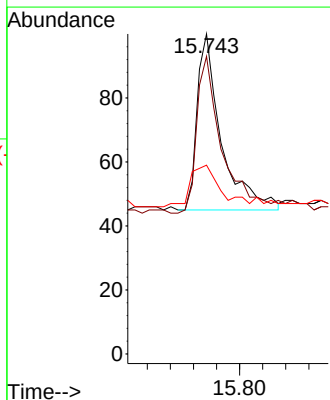
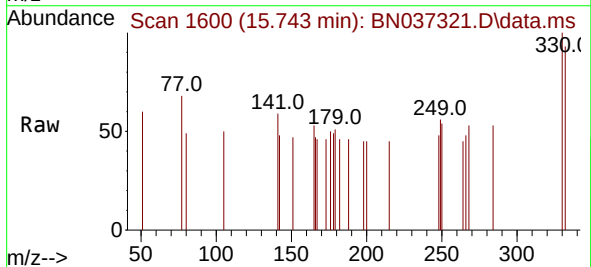
Instrument :
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ClientSampleId :
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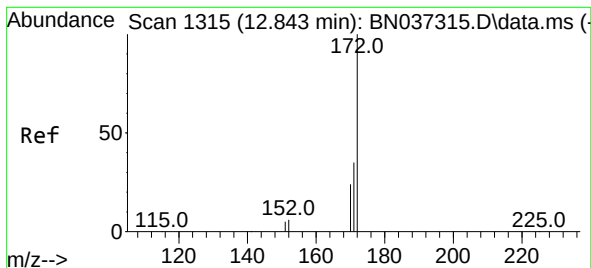
Tgt Ion:	164	Resp:	1164
Ion	Ratio	Lower	Upper
164	100		
162	101.1	81.5	122.3
160	52.8	43.0	64.4



#14
2,4,6-Tribromophenol
Concen: 0.186 ng
RT: 15.743 min Scan# 1600
Delta R.T. 0.025 min
Lab File: BN037321.D
Acq: 18 Jun 2025 19:32

Tgt Ion:	330	Resp:	160
Ion	Ratio	Lower	Upper
330	100		
332	94.4	78.4	117.6
141	28.7	24.4	36.6

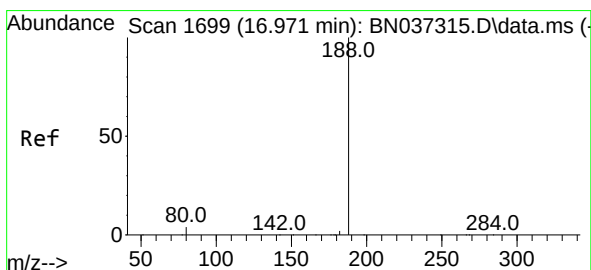
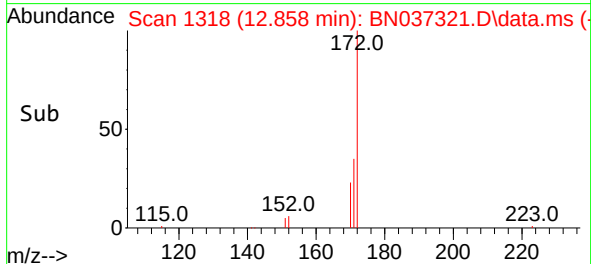
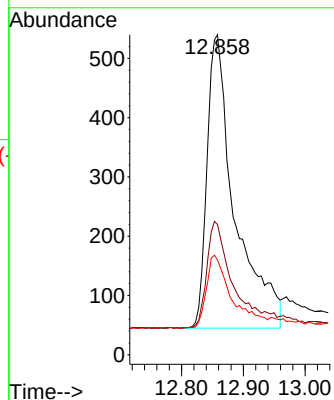
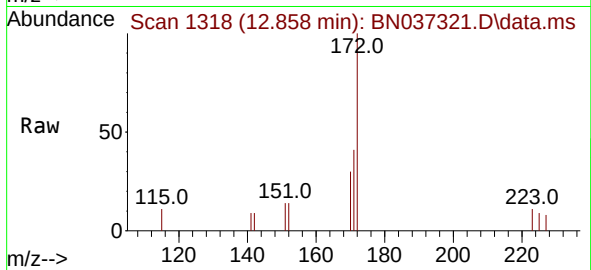




#15
2-Fluorobiphenyl
Concen: 0.303 ng
RT: 12.858 min Scan# 11
Delta R.T. 0.015 min
Lab File: BN037321.D
Acq: 18 Jun 2025 19:32

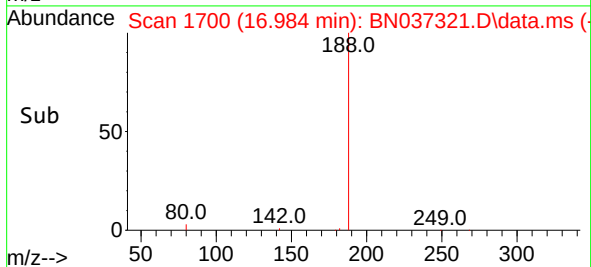
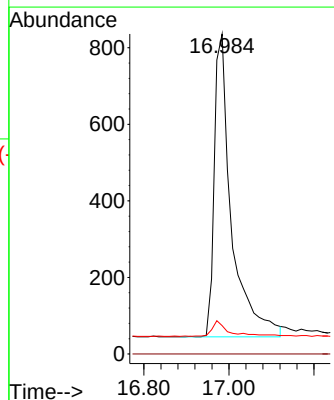
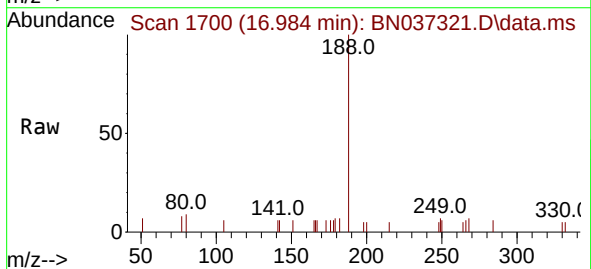
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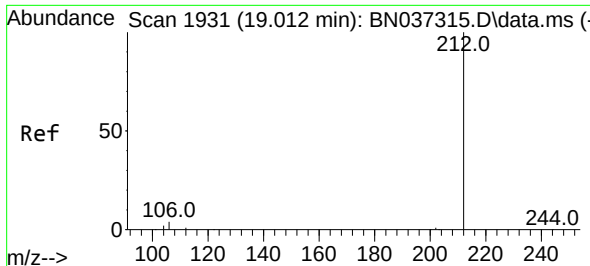
Tgt Ion:172 Resp: 1548
Ion Ratio Lower Upper
172 100
171 40.7 30.8 46.2
170 29.6 21.9 32.9



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.984 min Scan# 1700
Delta R.T. 0.012 min
Lab File: BN037321.D
Acq: 18 Jun 2025 19:32

Tgt Ion:188 Resp: 2216
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.9 6.2 9.2

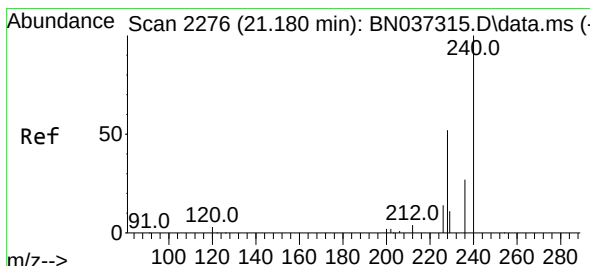
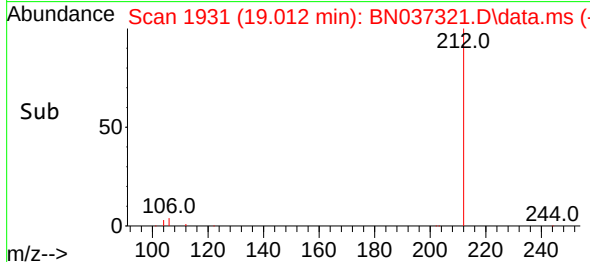
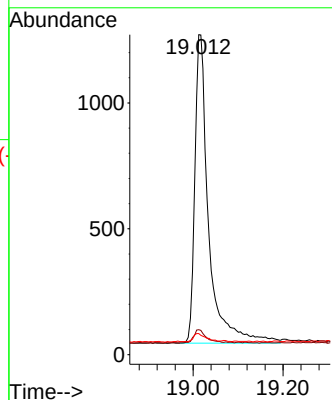
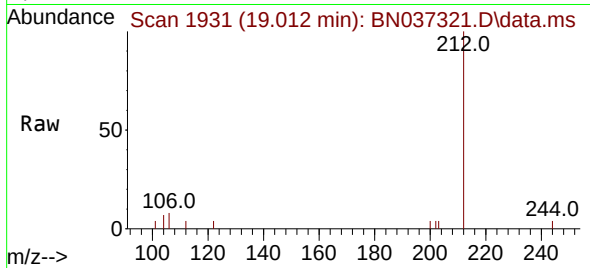




#27
Fluoranthene-d10
Concen: 0.372 ng
RT: 19.012 min Scan# 1931
Delta R.T. 0.000 min
Lab File: BN037321.D
Acq: 18 Jun 2025 19:32

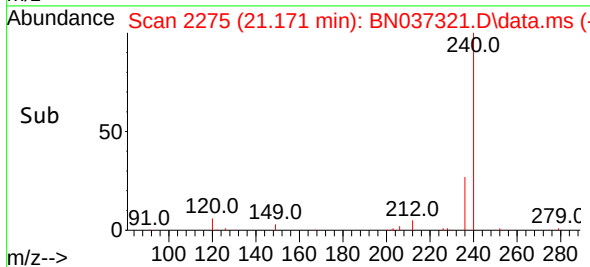
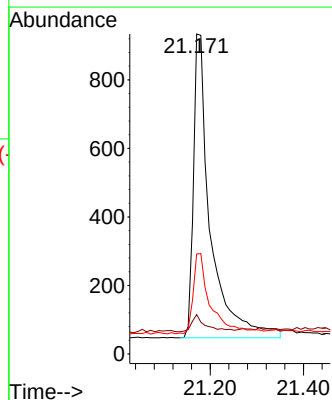
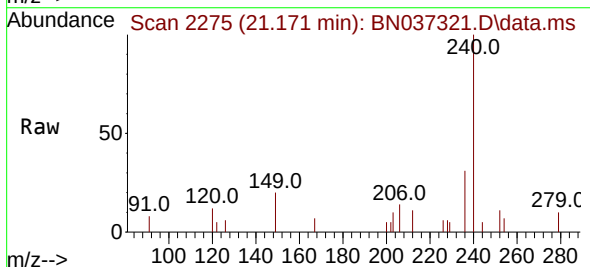
Instrument :
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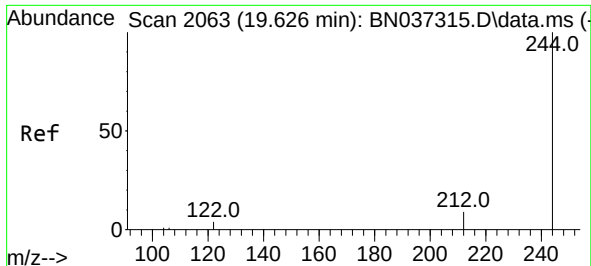
Tgt Ion:212 Resp: 2616
Ion Ratio Lower Upper
212 100
106 3.8 3.0 4.4
104 2.4 2.0 3.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.171 min Scan# 2275
Delta R.T. -0.009 min
Lab File: BN037321.D
Acq: 18 Jun 2025 19:32

Tgt Ion:240 Resp: 2244
Ion Ratio Lower Upper
240 100
120 12.3 7.5 11.3#
236 31.3 24.9 37.3

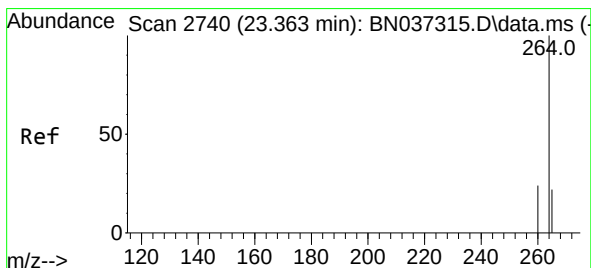
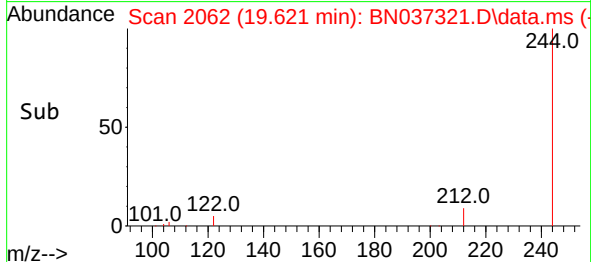
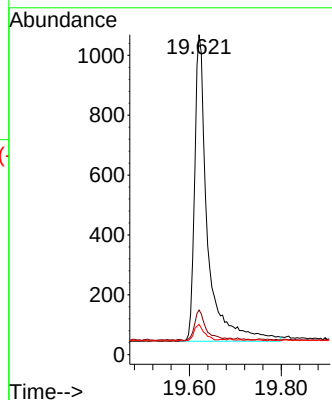
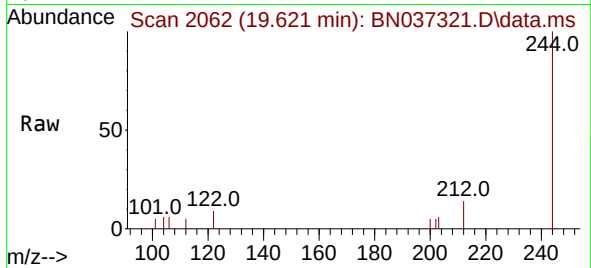




#31
 Terphenyl-d14
 Concen: 0.389 ng
 RT: 19.621 min Scan# 2062
 Delta R.T. -0.005 min
 Lab File: BN037321.D
 Acq: 18 Jun 2025 19:32

Instrument :
 BNA_N
 ClientSampleId :
 PB168508BL

Tgt Ion:244 Resp: 2001
 Ion Ratio Lower Upper
 244 100
 212 13.9 11.1 16.7
 122 9.4 7.2 10.8



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.363 min Scan# 2740
 Delta R.T. 0.000 min
 Lab File: BN037321.D
 Acq: 18 Jun 2025 19:32

Tgt Ion:264 Resp: 2480
 Ion Ratio Lower Upper
 264 100
 260 28.2 21.4 32.2
 265 93.6 71.4 107.0

