

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092525\
 Data File : BN037907.D
 Acq On : 26 Sep 2025 02:52
 Operator : RC/JU
 Sample : Q3156-08
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT14911-20250918

Quant Time: Sep 26 07:38:36 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 24 11:00:01 2025
 Response via : Initial Calibration

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

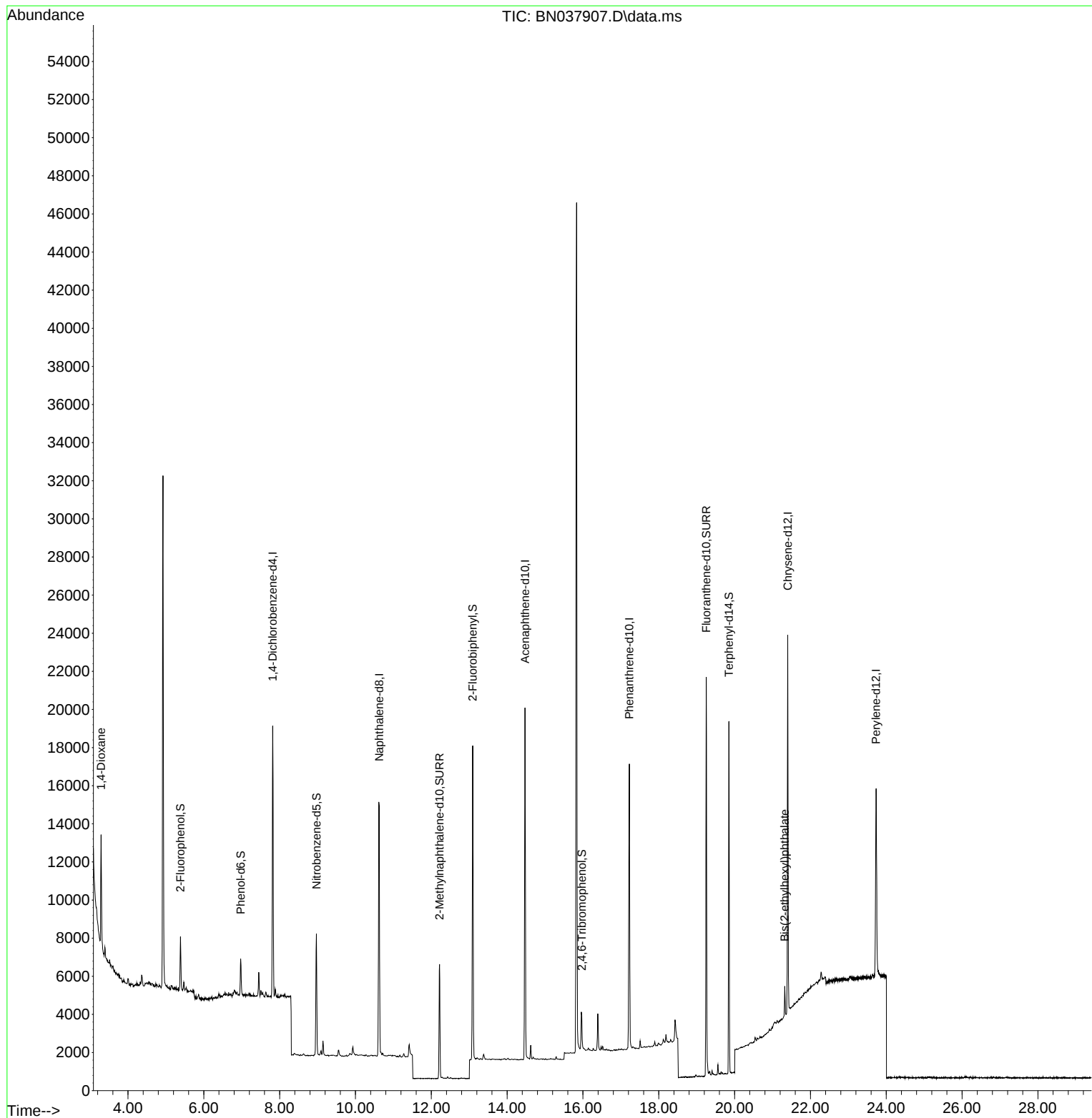
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.818	152	6896	0.400	ng	0.00
7) Naphthalene-d8	10.626	136	19086	0.400	ng	0.00
13) Acenaphthene-d10	14.473	164	9820	0.400	ng	0.00
19) Phenanthrene-d10	17.223	188	20338	0.400	ng	0.00
29) Chrysene-d12	21.402	240	16550	0.400	ng	0.00
35) Perylene-d12	23.733	264	14300	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	2225	0.141	ng	0.00
5) Phenol-d6	6.973	99	1735	0.084	ng	0.00
8) Nitrobenzene-d5	8.971	82	5138	0.353	ng	0.00
11) 2-Methylnaphthalene-d10	12.217	152	8146	0.307	ng	0.00
14) 2,4,6-Tribromophenol	15.969	330	1284	0.345	ng	0.00
15) 2-Fluorobiphenyl	13.094	172	13636	0.339	ng	0.00
27) Fluoranthene-d10	19.252	212	22419	0.438	ng	0.00
31) Terphenyl-d14	19.852	244	17990	0.546	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.290	88	3643	0.520	ng	# 91
34) Bis(2-ethylhexyl)phtha...	21.322	149	1585	0.069	ng	# 98

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

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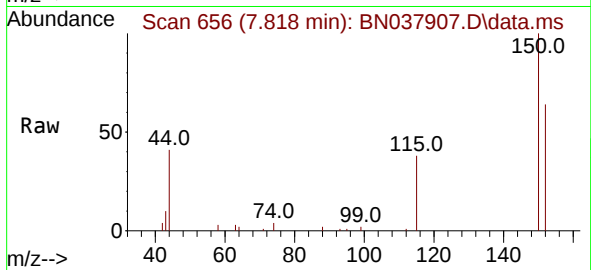
Quant Time: Sep 26 07:38:36 2025
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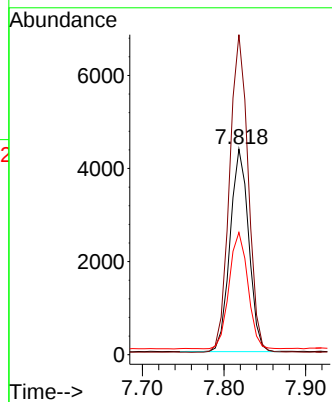
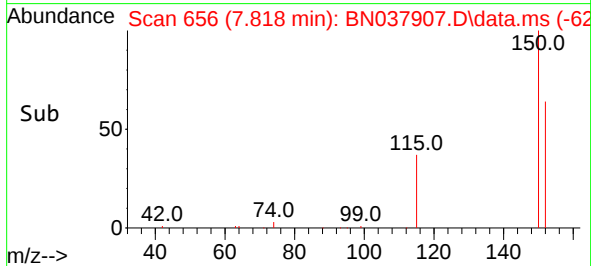


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.818 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN037907.D
 Acq: 26 Sep 2025 02:52

Instrument :
 BNA_N
 ClientSampleId :
 TT14911-20250918

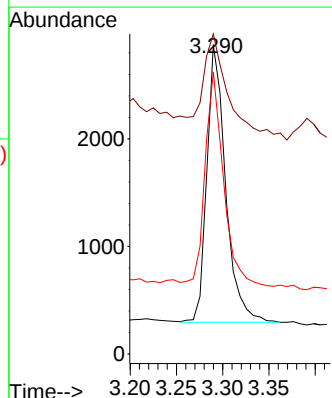
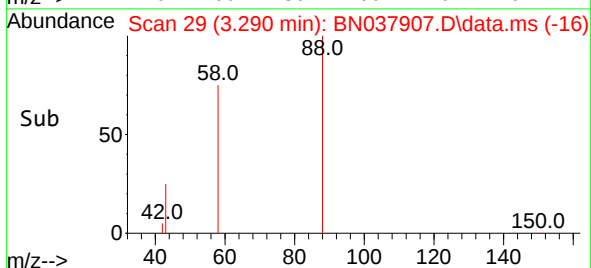
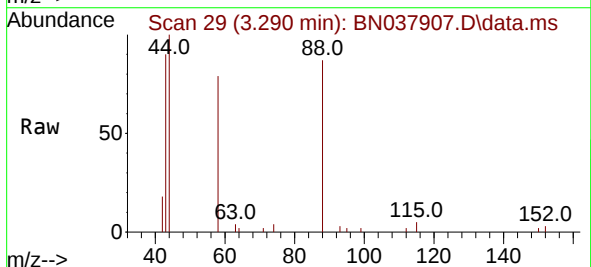


Tgt Ion:152 Resp: 6896
 Ion Ratio Lower Upper
 152 100
 150 155.7 121.0 181.4
 115 59.4 47.4 71.0



#2
 1,4-Dioxane
 Concen: 0.520 ng
 RT: 3.290 min Scan# 29
 Delta R.T. -0.007 min
 Lab File: BN037907.D
 Acq: 26 Sep 2025 02:52

Tgt Ion: 88 Resp: 3643
 Ion Ratio Lower Upper
 88 100
 43 45.0 26.6 39.8#
 58 76.3 58.9 88.3

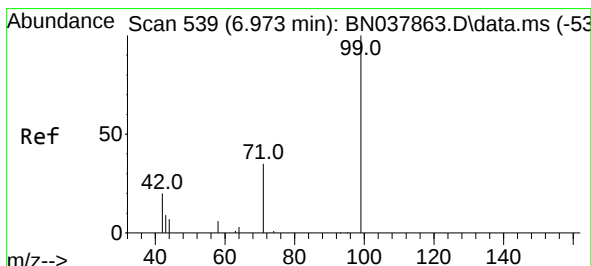
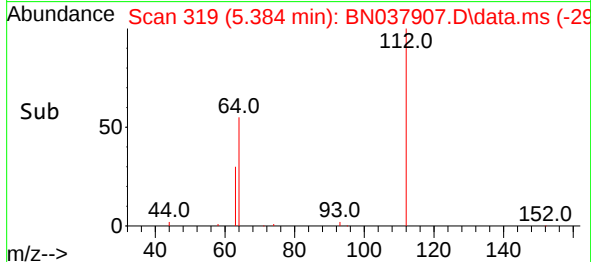
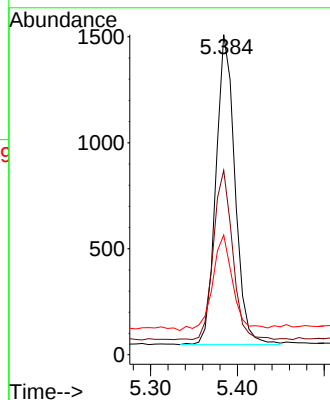
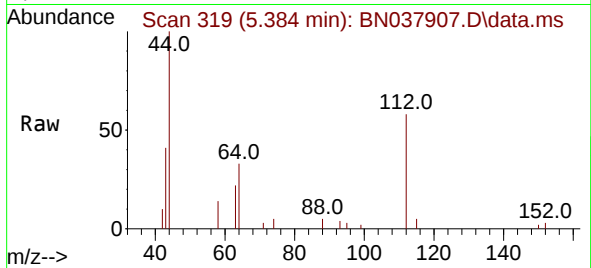




#4
2-Fluorophenol
Concen: 0.141 ng
RT: 5.384 min Scan# 319
Delta R.T. -0.000 min
Lab File: BN037907.D
Acq: 26 Sep 2025 02:52

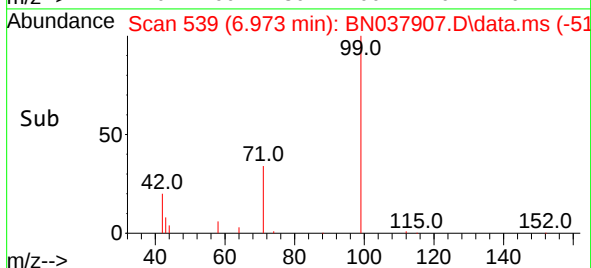
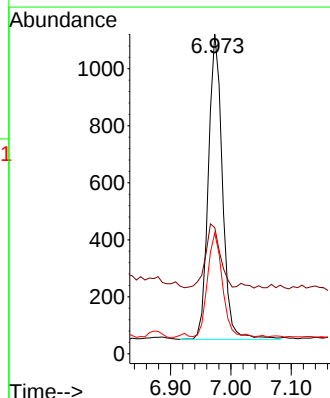
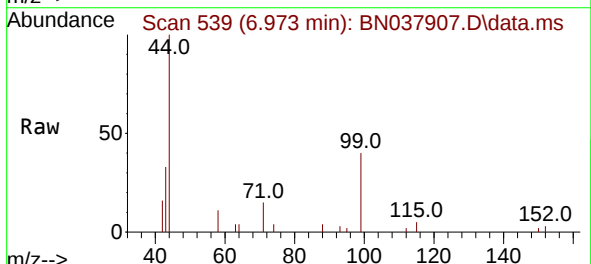
Instrument :
BNA_N
ClientSampleId :
TT14911-20250918

Tgt Ion:	112	Resp:	2225
Ion	Ratio	Lower	Upper
112	100		
64	55.1	44.6	66.8
63	33.0	24.9	37.3



#5
Phenol-d6
Concen: 0.084 ng
RT: 6.973 min Scan# 539
Delta R.T. -0.000 min
Lab File: BN037907.D
Acq: 26 Sep 2025 02:52

Tgt Ion:	99	Resp:	1735
Ion	Ratio	Lower	Upper
99	100		
42	21.5	17.2	25.8
71	35.7	27.3	40.9

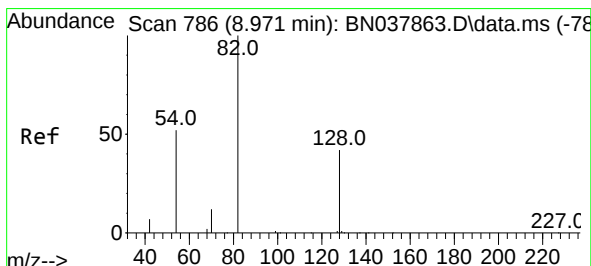
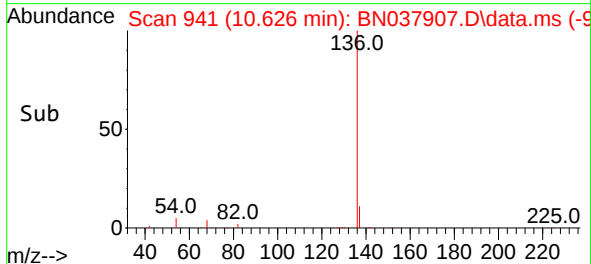
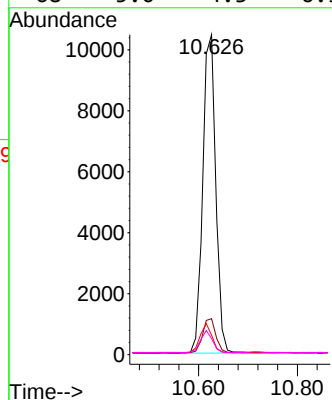
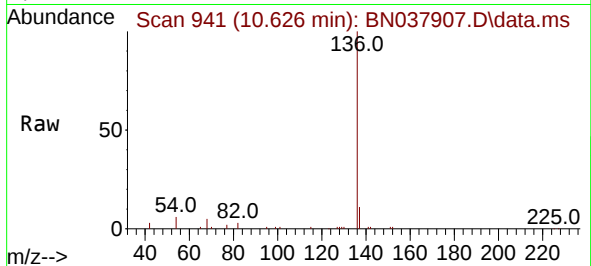




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.626 min Scan# 941
Delta R.T. -0.000 min
Lab File: BN037907.D
Acq: 26 Sep 2025 02:52

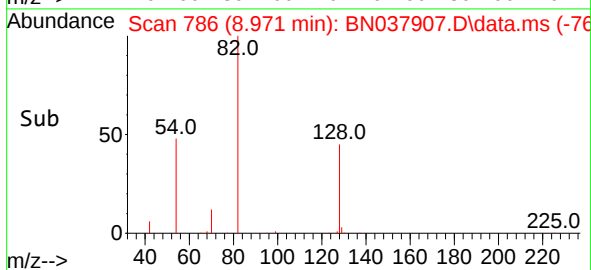
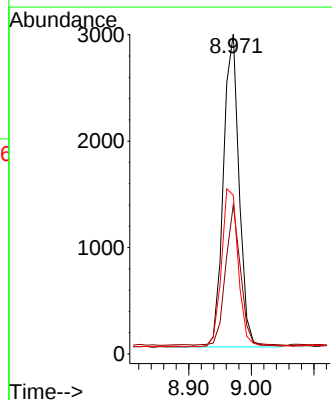
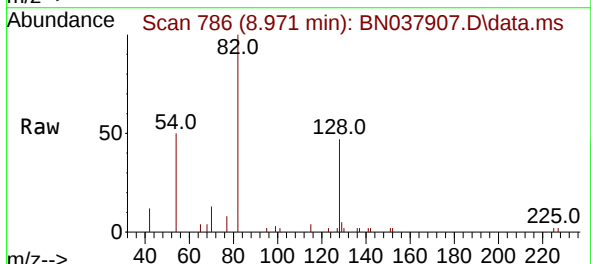
Instrument :
BNA_N
ClientSampleId :
TT14911-20250918

Tgt Ion:	136	Resp:	19086
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.0	13.4
54	6.1	5.8	8.8
68	5.0	4.3	6.5



#8
Nitrobenzene-d5
Concen: 0.353 ng
RT: 8.971 min Scan# 786
Delta R.T. -0.000 min
Lab File: BN037907.D
Acq: 26 Sep 2025 02:52

Tgt Ion:	82	Resp:	5138
Ion Ratio	Lower	Upper	
82	100		
128	46.7	34.8	52.2
54	49.6	42.2	63.2





#11

2-Methylnaphthalene-d10

Concen: 0.307 ng

RT: 12.217 min Scan# 1163

Delta R.T. -0.000 min

Lab File: BN037907.D

Acq: 26 Sep 2025 02:52

Instrument :

BNA_N

ClientSampleId :

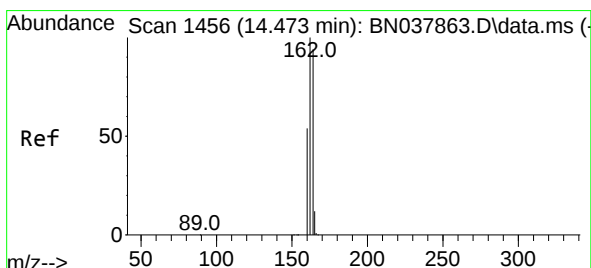
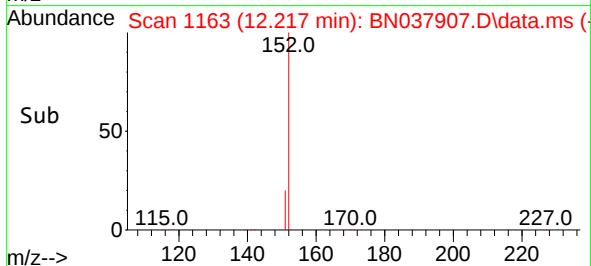
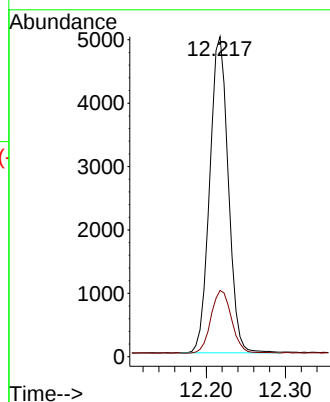
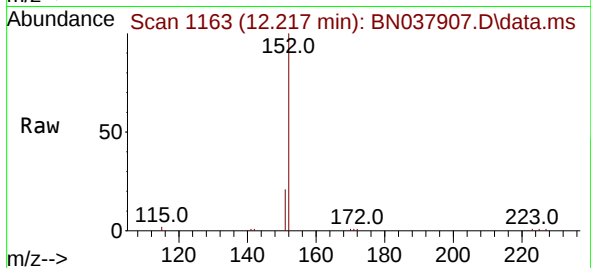
TT14911-20250918

Tgt Ion:152 Resp: 8146

Ion Ratio Lower Upper

152 100

151 22.2 17.4 26.2



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.473 min Scan# 1456

Delta R.T. -0.000 min

Lab File: BN037907.D

Acq: 26 Sep 2025 02:52

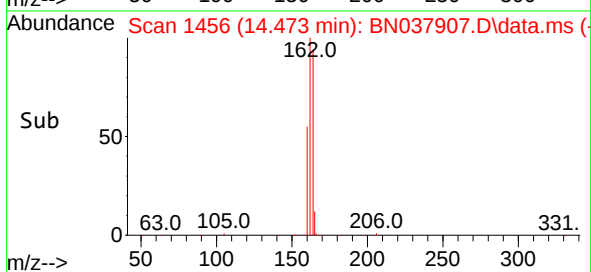
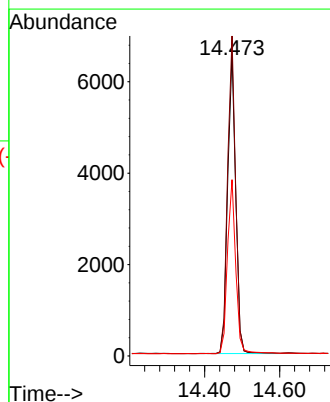
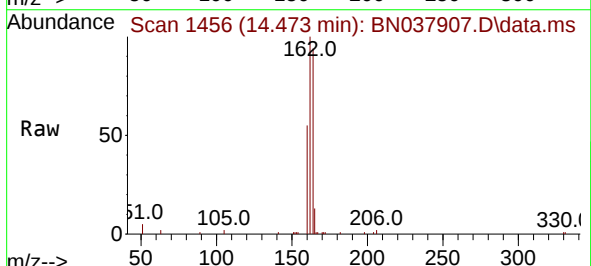
Tgt Ion:164 Resp: 9820

Ion Ratio Lower Upper

164 100

162 105.9 84.8 127.2

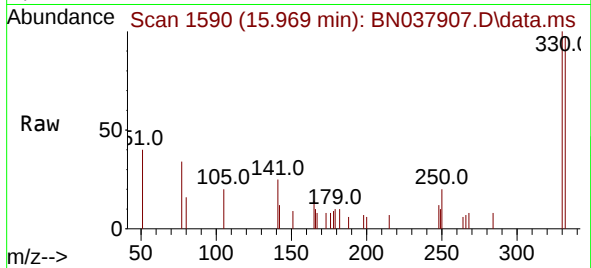
160 58.3 46.1 69.1



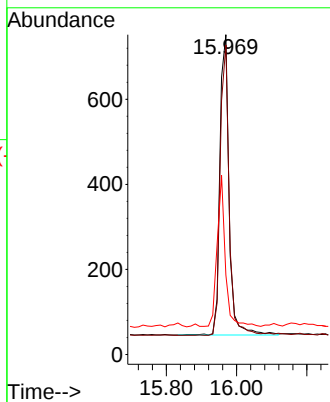
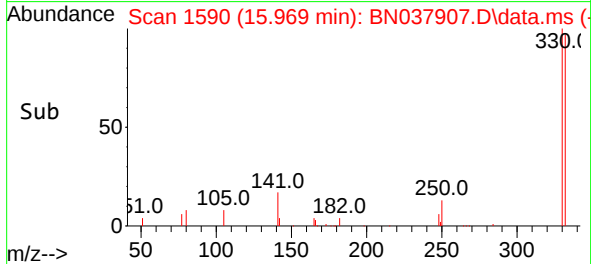


#14
2,4,6-Tribromophenol
Concen: 0.345 ng
RT: 15.969 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BN037907.D
Acq: 26 Sep 2025 02:52

Instrument :
BNA_N
ClientSampleId :
TT14911-20250918

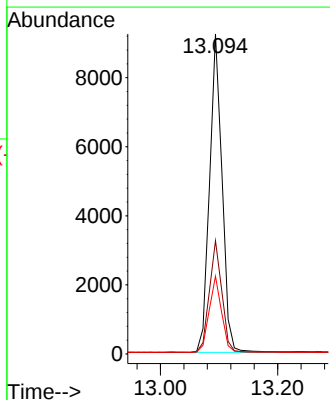
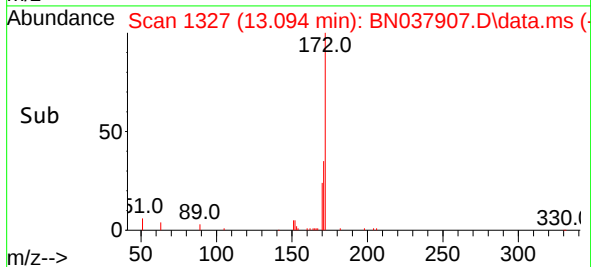
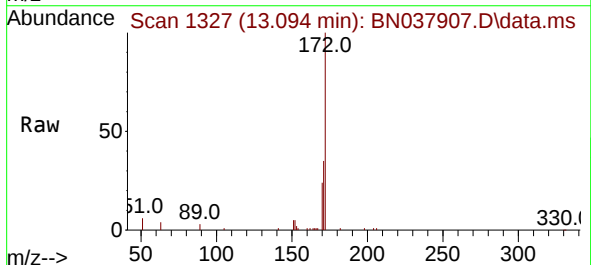


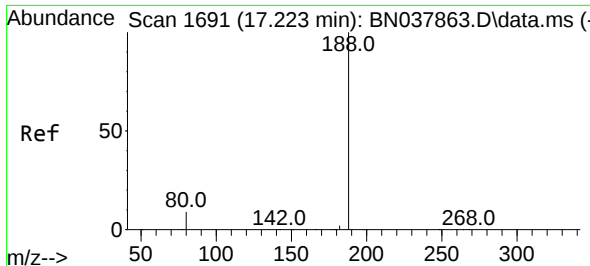
Tgt Ion:330 Resp: 1284
Ion Ratio Lower Upper
330 100
332 94.4 77.2 115.8
141 44.4 37.2 55.8



#15
2-Fluorobiphenyl
Concen: 0.339 ng
RT: 13.094 min Scan# 1327
Delta R.T. -0.000 min
Lab File: BN037907.D
Acq: 26 Sep 2025 02:52

Tgt Ion:172 Resp: 13636
Ion Ratio Lower Upper
172 100
171 35.4 28.6 43.0
170 24.3 19.7 29.5

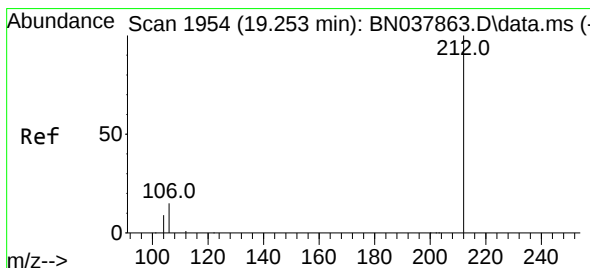
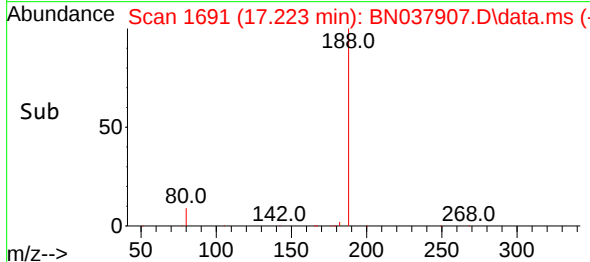
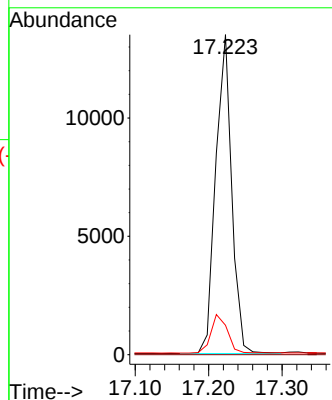
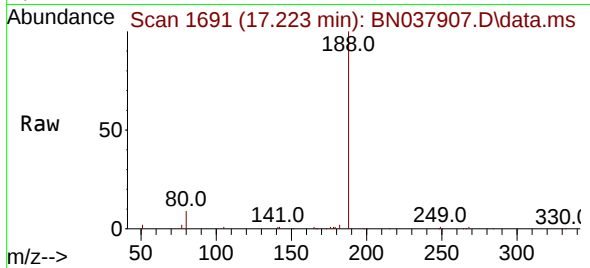




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.223 min Scan# 1691
Delta R.T. -0.000 min
Lab File: BN037907.D
Acq: 26 Sep 2025 02:52

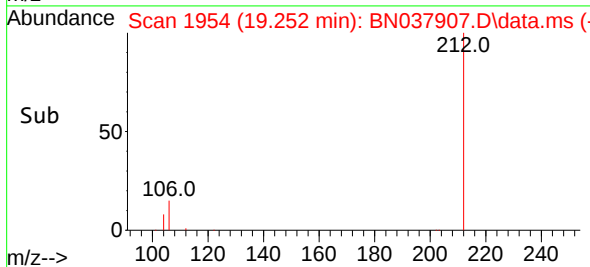
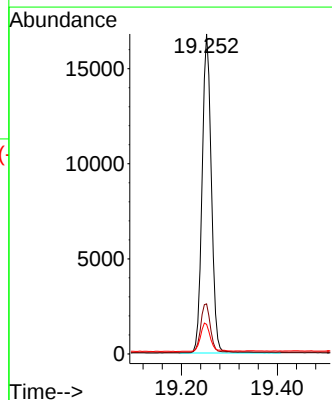
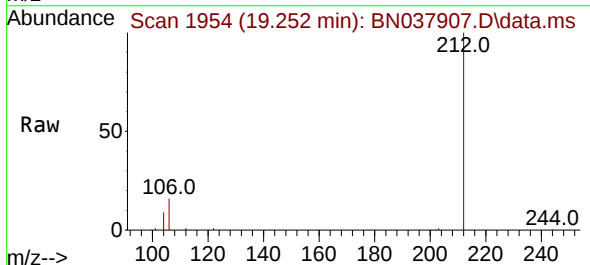
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BNA_N
ClientSampleId :
TT14911-20250918

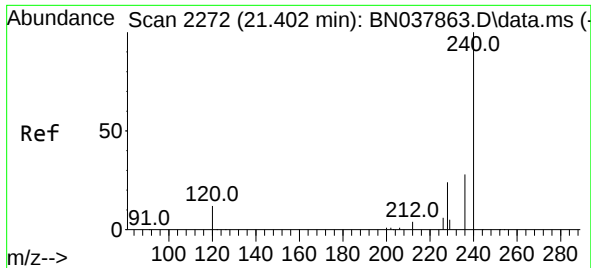
Tgt Ion:188 Resp: 20338
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.2 7.6 11.4



#27
Fluoranthene-d10
Concen: 0.438 ng
RT: 19.252 min Scan# 1954
Delta R.T. -0.000 min
Lab File: BN037907.D
Acq: 26 Sep 2025 02:52

Tgt Ion:212 Resp: 22419
Ion Ratio Lower Upper
212 100
106 15.9 12.6 19.0
104 9.4 7.4 11.0

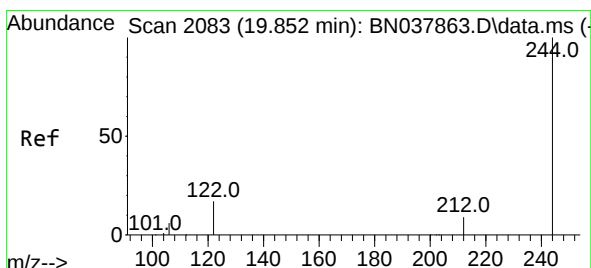
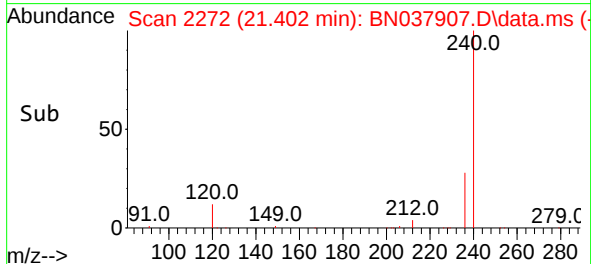
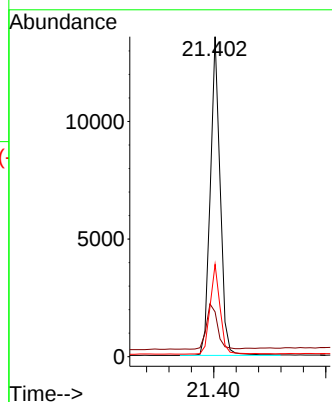
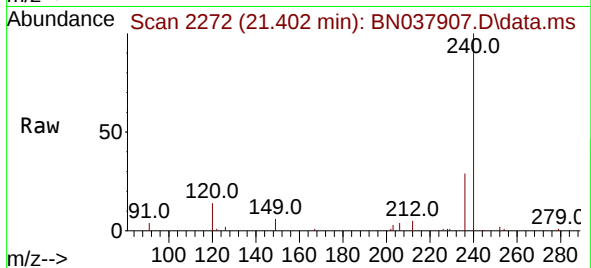




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.402 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN037907.D
Acq: 26 Sep 2025 02:52

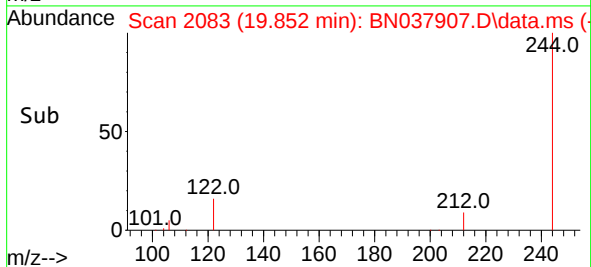
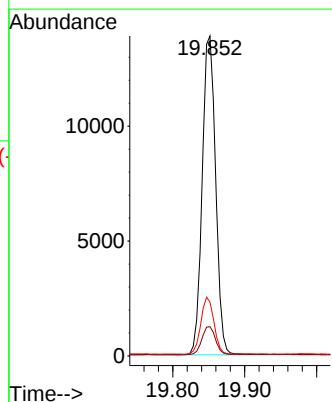
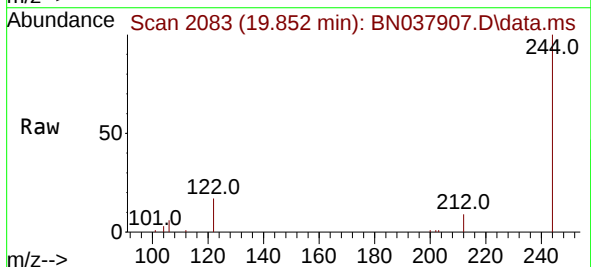
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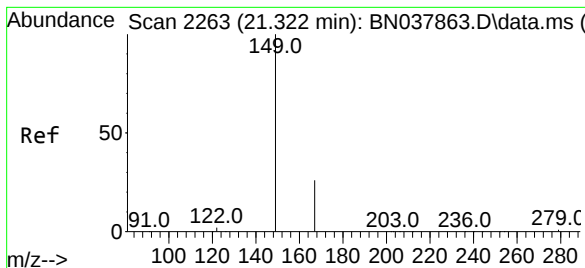
Tgt Ion:240 Resp: 16550
Ion Ratio Lower Upper
240 100
120 14.0 11.4 17.2
236 28.9 23.0 34.6



#31
Terphenyl-d14
Concen: 0.546 ng
RT: 19.852 min Scan# 2083
Delta R.T. -0.000 min
Lab File: BN037907.D
Acq: 26 Sep 2025 02:52

Tgt Ion:244 Resp: 17990
Ion Ratio Lower Upper
244 100
212 9.1 7.6 11.4
122 16.8 13.9 20.9

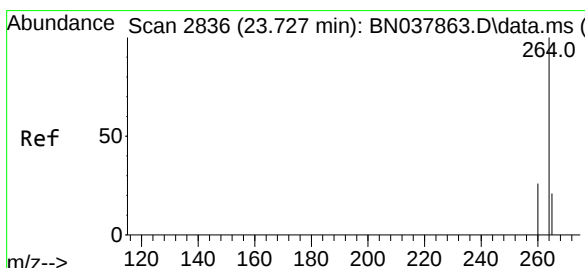
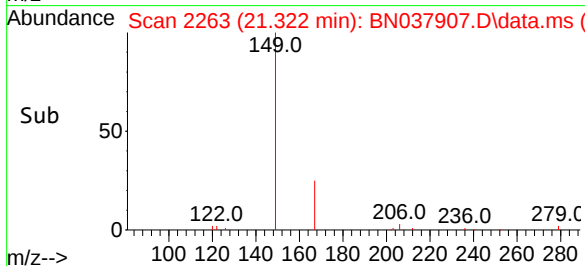
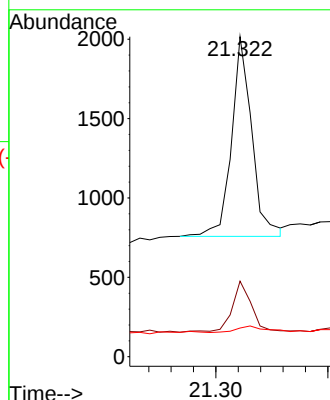
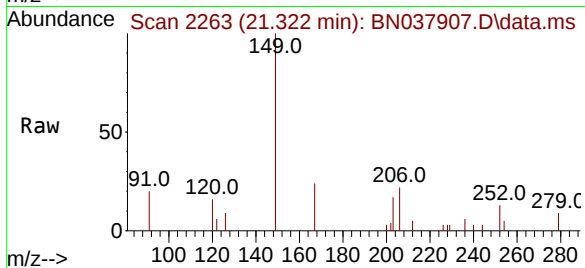




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.069 ng
 RT: 21.322 min Scan# 2132
 Delta R.T. -0.000 min
 Lab File: BN037907.D
 Acq: 26 Sep 2025 02:52

Instrument :
 BNA_N
 ClientSampleId :
 TT14911-20250918

Tgt Ion:149 Resp: 1585
 Ion Ratio Lower Upper
 149 100
 167 24.9 20.4 30.6
 279 4.8 2.4 3.6#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.733 min Scan# 2838
 Delta R.T. 0.006 min
 Lab File: BN037907.D
 Acq: 26 Sep 2025 02:52

Tgt Ion:264 Resp: 14300
 Ion Ratio Lower Upper
 264 100
 260 26.7 21.5 32.3
 265 77.9 53.8 80.6

