

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032725\
 Data File : BN036730.D
 Acq On : 27 Mar 2025 10:25
 Operator : RC/JU
 Sample : PB167232BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB167232BL

Quant Time: Mar 27 11:26:34 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 16:06:28 2025
 Response via : Initial Calibration

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

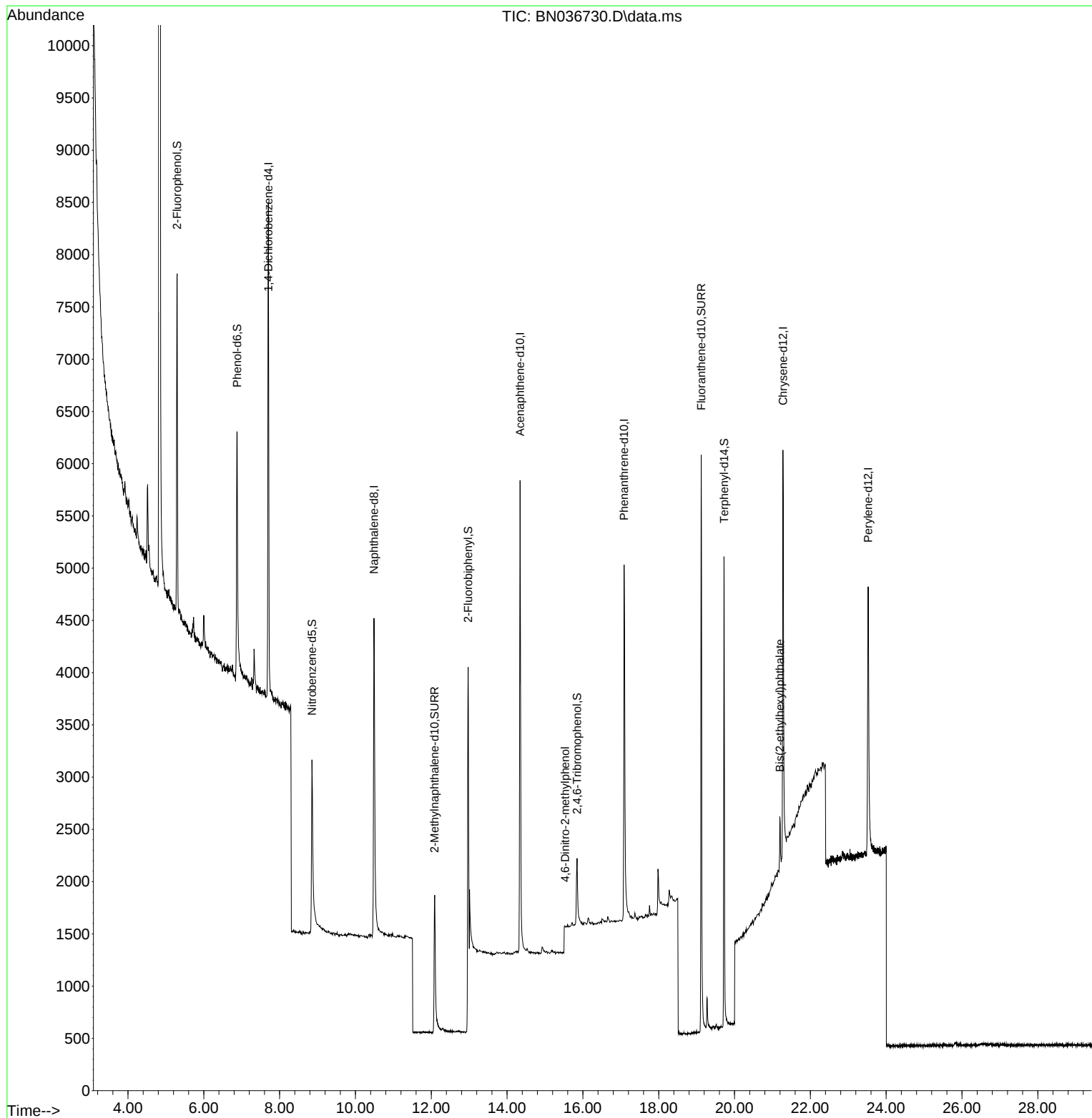
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.703	152	2375	0.400	ng	-0.02
7) Naphthalene-d8	10.488	136	5327	0.400	ng	-0.02
13) Acenaphthene-d10	14.345	164	2983	0.400	ng	-0.02
19) Phenanthrene-d10	17.087	188	6223	0.400	ng	#-0.02
29) Chrysene-d12	21.277	240	4811	0.400	ng	-0.02
35) Perylene-d12	23.525	264	4142	0.400	ng	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.298	112	2395	0.433	ng	-0.01
5) Phenol-d6	6.880	99	2687	0.393	ng	-0.02
8) Nitrobenzene-d5	8.854	82	1990	0.343	ng	-0.02
11) 2-Methylnaphthalene-d10	12.086	152	2757	0.348	ng	-0.03
14) 2,4,6-Tribromophenol	15.845	330	477	0.352	ng	-0.01
15) 2-Fluorobiphenyl	12.973	172	6168	0.355	ng	-0.01
27) Fluoranthene-d10	19.123	212	6618	0.415	ng	-0.02
31) Terphenyl-d14	19.727	244	4691	0.407	ng	-0.02
Target Compounds						Qvalue
20) 4,6-Dinitro-2-methylph...	15.535	198	1	0.146	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.196	149	674	0.057	ng	96

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

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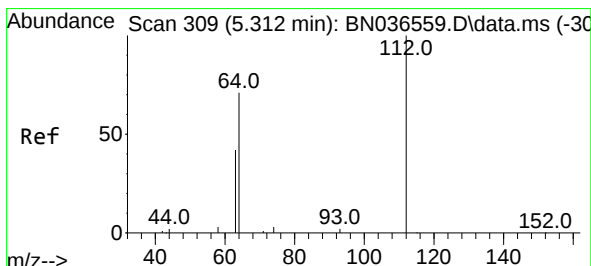
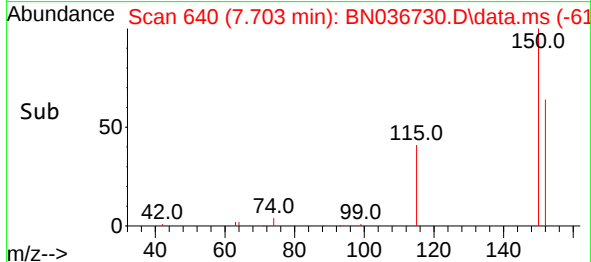
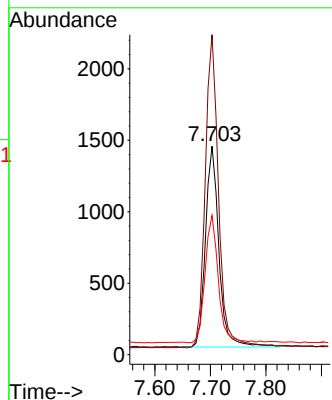
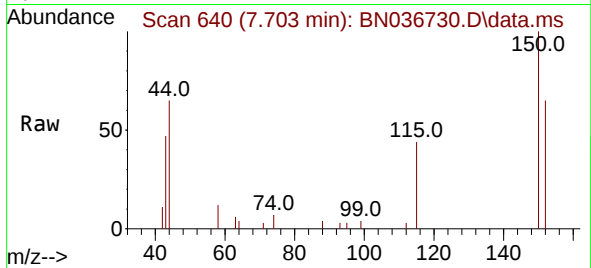




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.703 min Scan# 64
 Delta R.T. -0.021 min
 Lab File: BN036730.D
 Acq: 27 Mar 2025 10:25

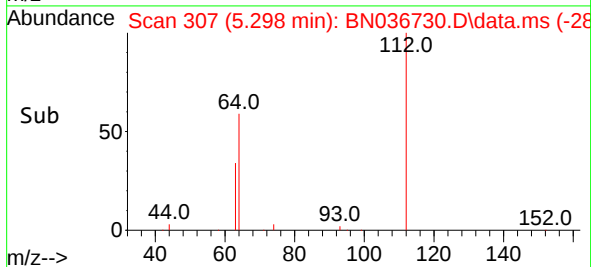
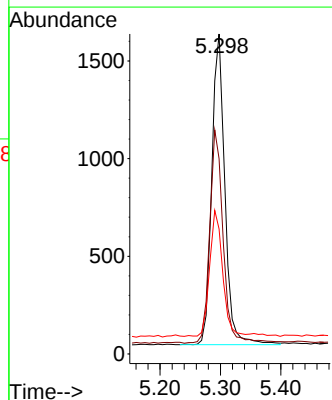
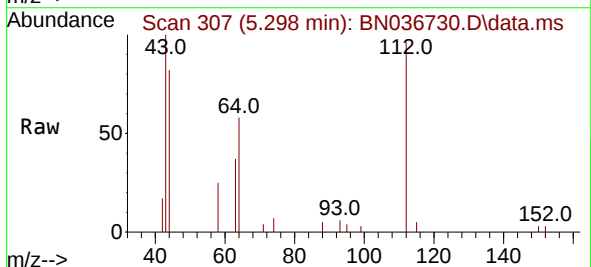
Instrument :
 BNA_N
 ClientSampleId :
 PB167232BL

Tgt Ion:152 Resp: 2375
 Ion Ratio Lower Upper
 152 100
 150 153.5 123.7 185.5
 115 66.8 54.3 81.5



#4
 2-Fluorophenol
 Concen: 0.433 ng
 RT: 5.298 min Scan# 307
 Delta R.T. -0.014 min
 Lab File: BN036730.D
 Acq: 27 Mar 2025 10:25

Tgt Ion:112 Resp: 2395
 Ion Ratio Lower Upper
 112 100
 64 70.5 53.1 79.7
 63 40.3 31.8 47.8

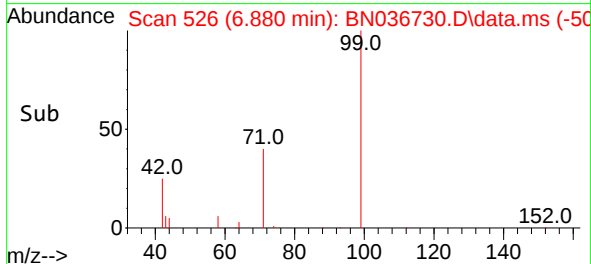
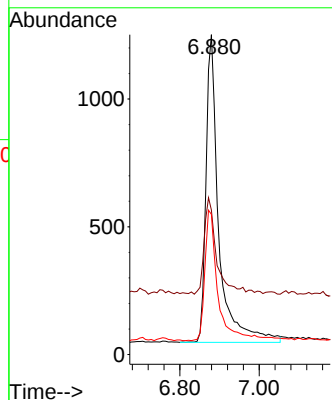
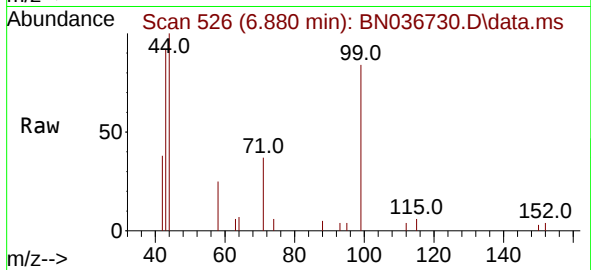




#5
Phenol-d6
Concen: 0.393 ng
RT: 6.880 min Scan# 51
Delta R.T. -0.021 min
Lab File: BN036730.D
Acq: 27 Mar 2025 10:25

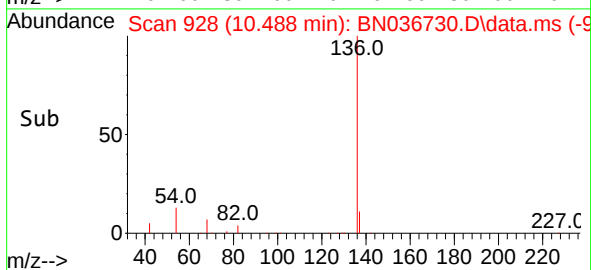
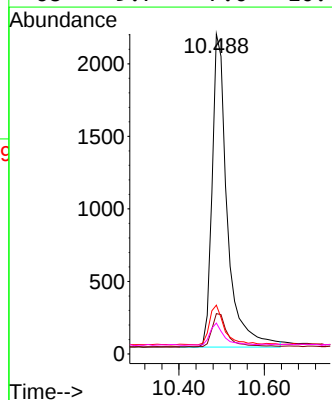
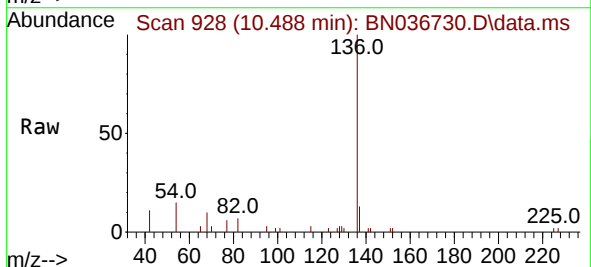
Instrument :
BNA_N
ClientSampleId :
PB167232BL

Tgt Ion: 99 Resp: 2687
Ion Ratio Lower Upper
99 100
42 31.3 26.5 39.7
71 43.5 34.1 51.1



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.488 min Scan# 928
Delta R.T. -0.021 min
Lab File: BN036730.D
Acq: 27 Mar 2025 10:25

Tgt Ion: 136 Resp: 5327
Ion Ratio Lower Upper
136 100
137 12.6 10.3 15.5
54 15.3 11.5 17.3
68 9.7 7.0 10.4

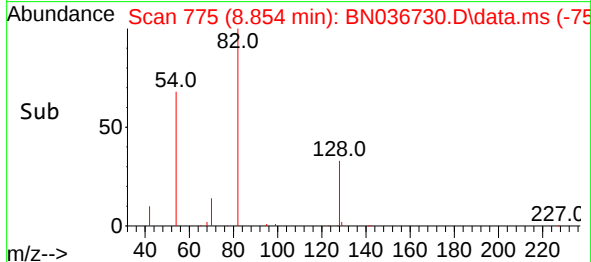
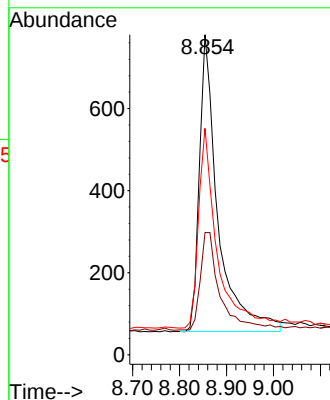
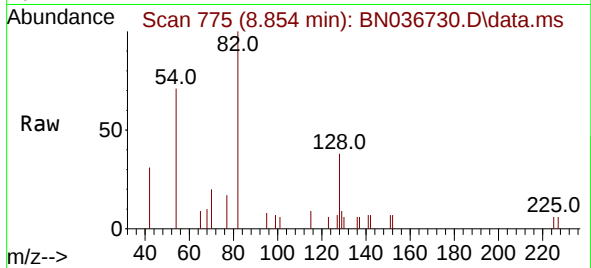




#8
 Nitrobenzene-d5
 Concen: 0.343 ng
 RT: 8.854 min Scan# 71
 Delta R.T. -0.021 min
 Lab File: BN036730.D
 Acq: 27 Mar 2025 10:25

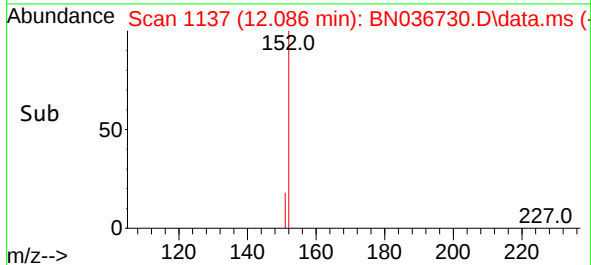
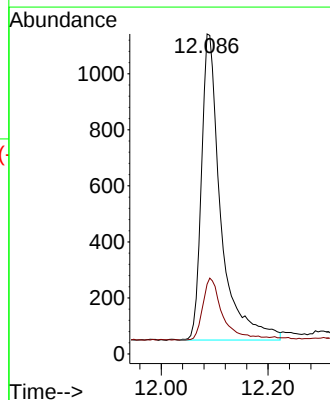
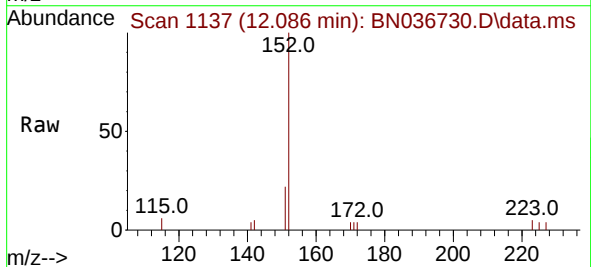
Instrument :
 BNA_N
 ClientSampleId :
 PB167232BL

Tgt Ion: 82 Resp: 1990
 Ion Ratio Lower Upper
 82 100
 128 38.2 30.6 45.8
 54 70.8 52.2 78.4



#11
 2-Methylnaphthalene-d10
 Concen: 0.348 ng
 RT: 12.086 min Scan# 1137
 Delta R.T. -0.025 min
 Lab File: BN036730.D
 Acq: 27 Mar 2025 10:25

Tgt Ion: 152 Resp: 2757
 Ion Ratio Lower Upper
 152 100
 151 20.6 17.0 25.6

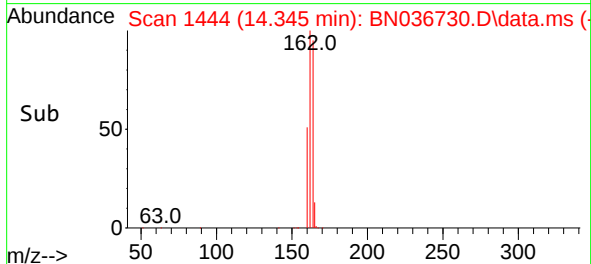
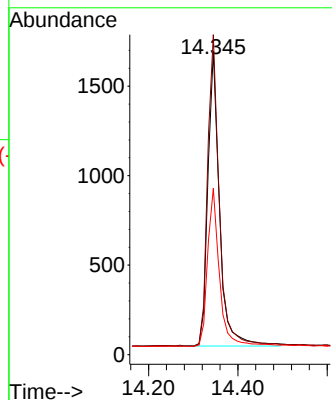
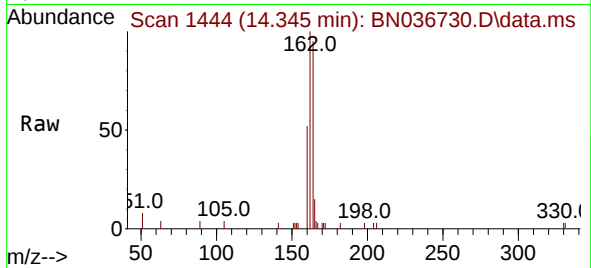




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.345 min Scan# 1444
Delta R.T. -0.021 min
Lab File: BN036730.D
Acq: 27 Mar 2025 10:25

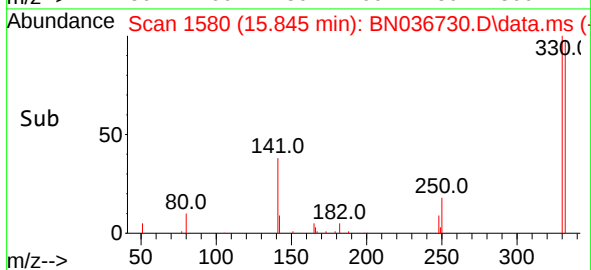
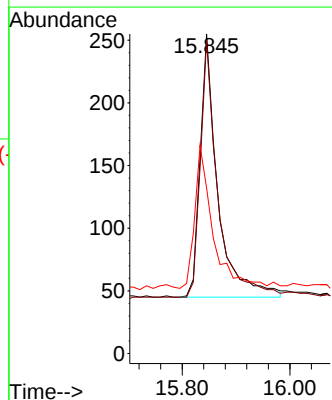
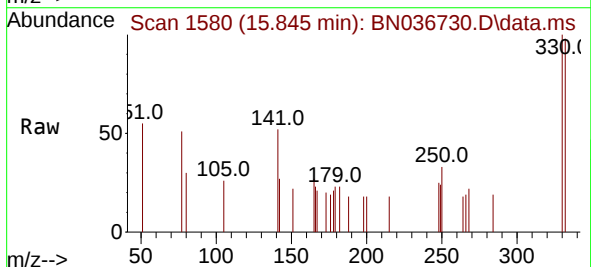
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BNA_N
ClientSampleId :
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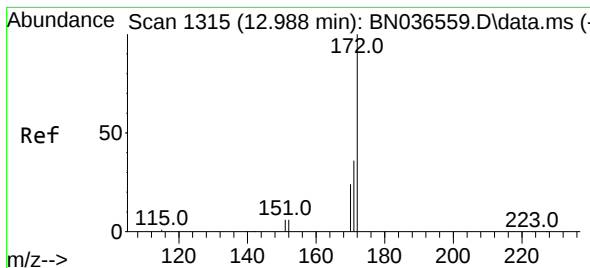
Tgt Ion:164 Resp: 2983
Ion Ratio Lower Upper
164 100
162 105.4 84.2 126.2
160 54.8 42.2 63.2



#14
2,4,6-Tribromophenol
Concen: 0.352 ng
RT: 15.845 min Scan# 1580
Delta R.T. -0.012 min
Lab File: BN036730.D
Acq: 27 Mar 2025 10:25

Tgt Ion:330 Resp: 477
Ion Ratio Lower Upper
330 100
332 96.4 75.2 112.8
141 56.6 43.4 65.2





#15

2-Fluorobiphenyl

Concen: 0.355 ng

RT: 12.973 min Scan# 11

Delta R.T. -0.015 min

Lab File: BN036730.D

Acq: 27 Mar 2025 10:25

Instrument :

BNA_N

ClientSampleId :

PB167232BL

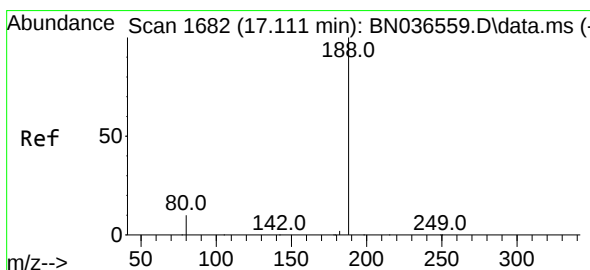
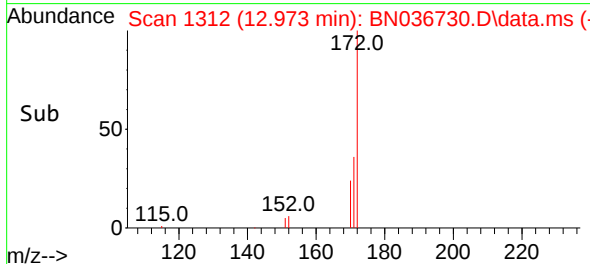
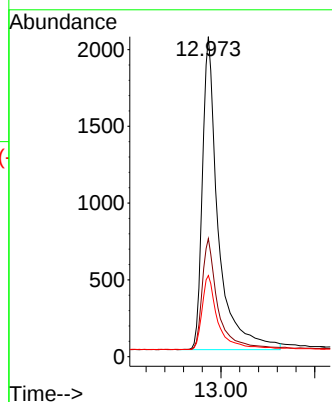
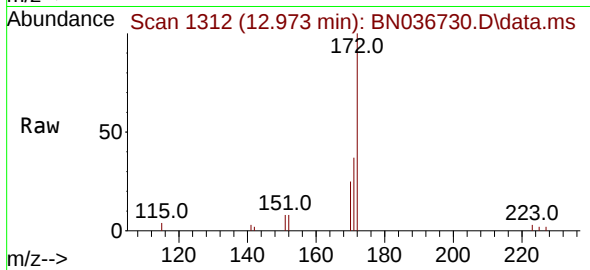
Tgt Ion:172 Resp: 6168

Ion Ratio Lower Upper

172 100

171 36.9 29.5 44.3

170 25.3 20.2 30.4



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.087 min Scan# 1680

Delta R.T. -0.025 min

Lab File: BN036730.D

Acq: 27 Mar 2025 10:25

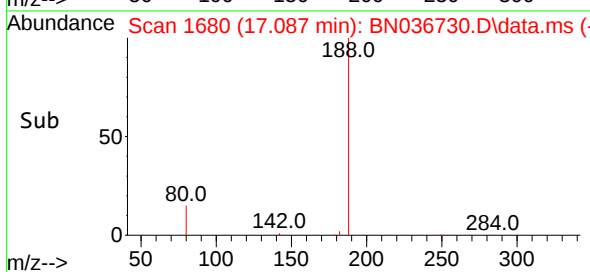
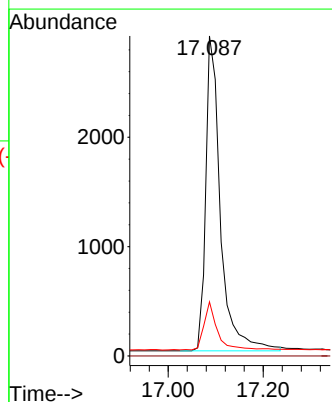
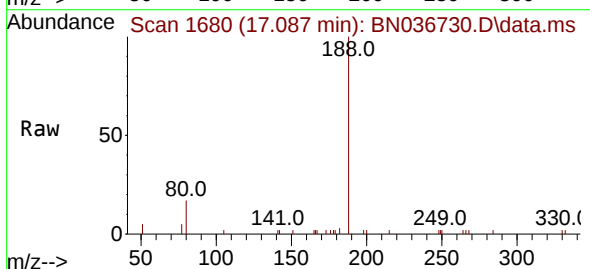
Tgt Ion:188 Resp: 6223

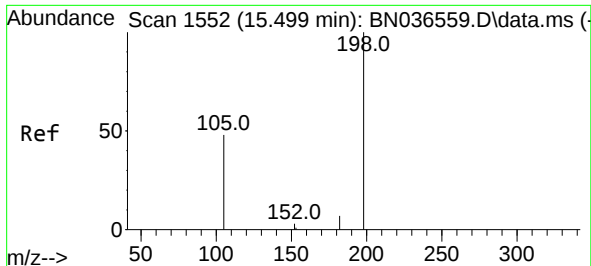
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 16.9 8.8 13.2#

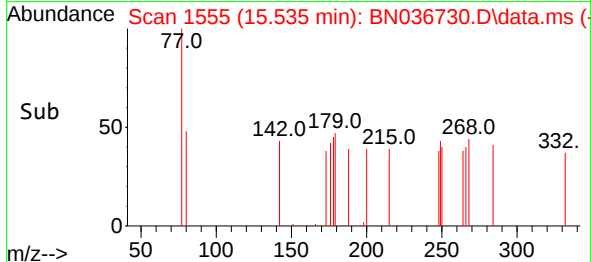
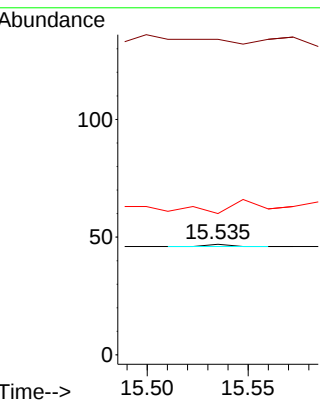
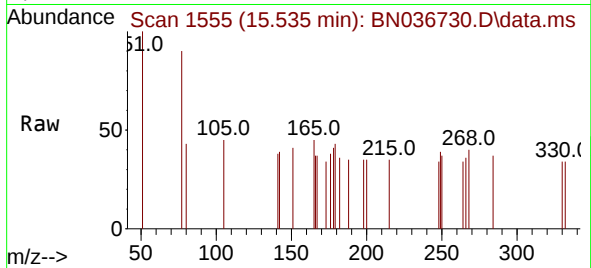




#20
4,6-Dinitro-2-methylphenol
Concen: 0.146 ng
RT: 15.535 min Scan# 11
Delta R.T. 0.036 min
Lab File: BN036730.D
Acq: 27 Mar 2025 10:25

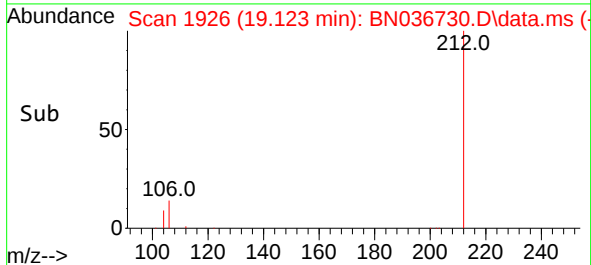
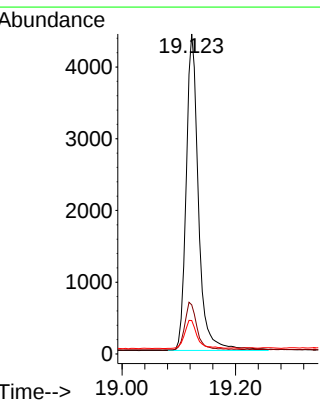
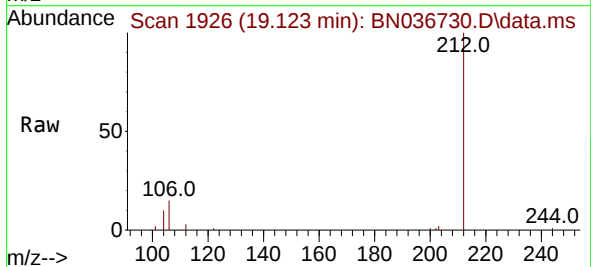
Instrument :
BNA_N
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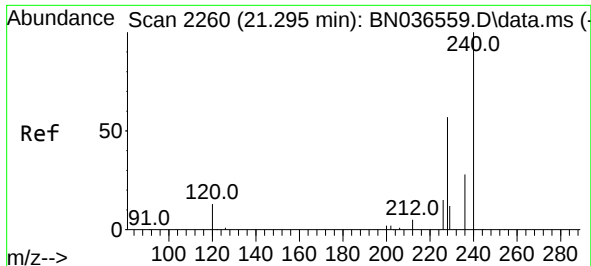
Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 285.1 107.9 161.9#
105 127.7 56.2 84.2#



#27
Fluoranthene-d10
Concen: 0.415 ng
RT: 19.123 min Scan# 1926
Delta R.T. -0.018 min
Lab File: BN036730.D
Acq: 27 Mar 2025 10:25

Tgt Ion:212 Resp: 6618
Ion Ratio Lower Upper
212 100
106 15.0 11.8 17.6
104 9.1 7.3 10.9

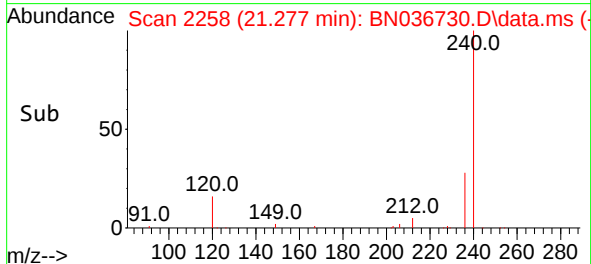
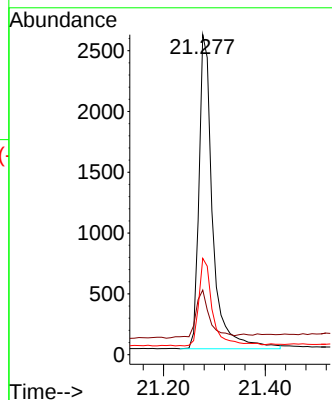
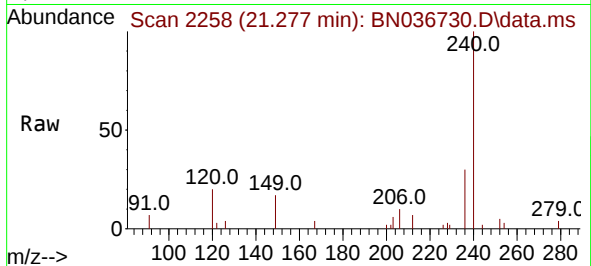




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.277 min Scan# 21
Delta R.T. -0.018 min
Lab File: BN036730.D
Acq: 27 Mar 2025 10:25

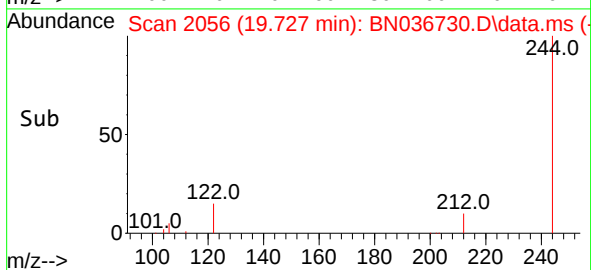
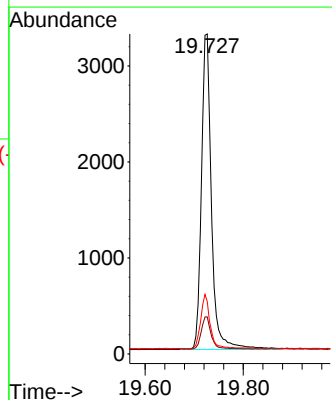
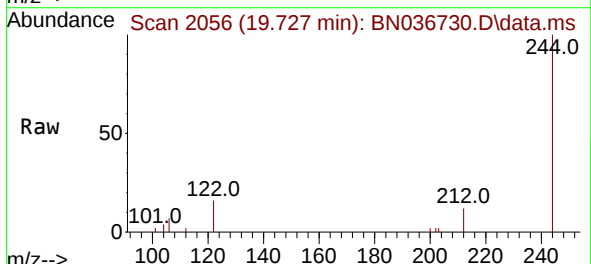
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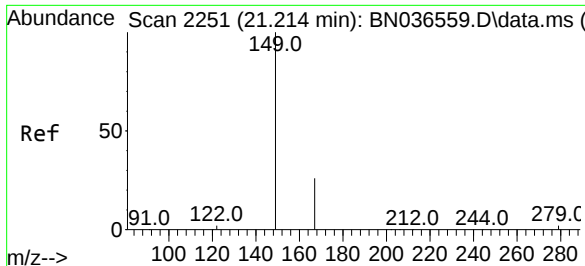
Tgt Ion:240 Resp: 4811
Ion Ratio Lower Upper
240 100
120 20.2 14.6 22.0
236 30.1 24.1 36.1



#31
Terphenyl-d14
Concen: 0.407 ng
RT: 19.727 min Scan# 2056
Delta R.T. -0.018 min
Lab File: BN036730.D
Acq: 27 Mar 2025 10:25

Tgt Ion:244 Resp: 4691
Ion Ratio Lower Upper
244 100
212 11.6 9.6 14.4
122 16.4 13.9 20.9

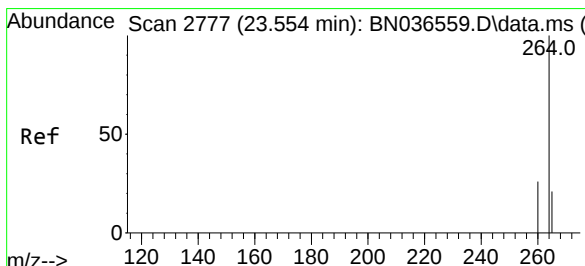
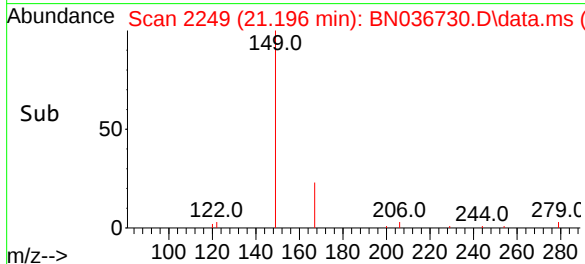
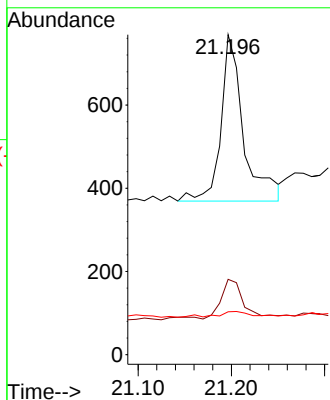
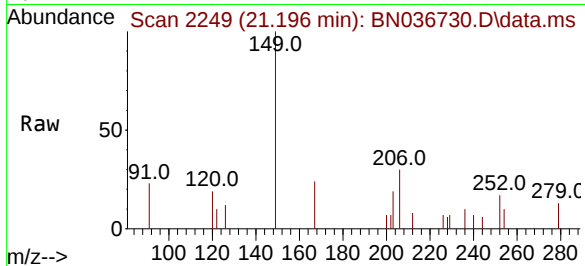




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.057 ng
 RT: 21.196 min Scan# 2119
 Delta R.T. -0.018 min
 Lab File: BN036730.D
 Acq: 27 Mar 2025 10:25

Instrument :
 BNA_N
 ClientSampleId :
 PB167232BL

Tgt Ion:149 Resp: 674
 Ion Ratio Lower Upper
 149 100
 167 23.9 20.7 31.1
 279 3.7 3.6 5.4



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.525 min Scan# 2767
 Delta R.T. -0.029 min
 Lab File: BN036730.D
 Acq: 27 Mar 2025 10:25

Tgt Ion:264 Resp: 4142
 Ion Ratio Lower Upper
 264 100
 260 28.0 22.6 33.8
 265 92.4 88.1 132.1

