

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032825\
 Data File : BN036797.D
 Acq On : 29 Mar 2025 06:19
 Operator : RC/JU
 Sample : Q1629-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT17411-20250320

Quant Time: Mar 31 01:58:07 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)

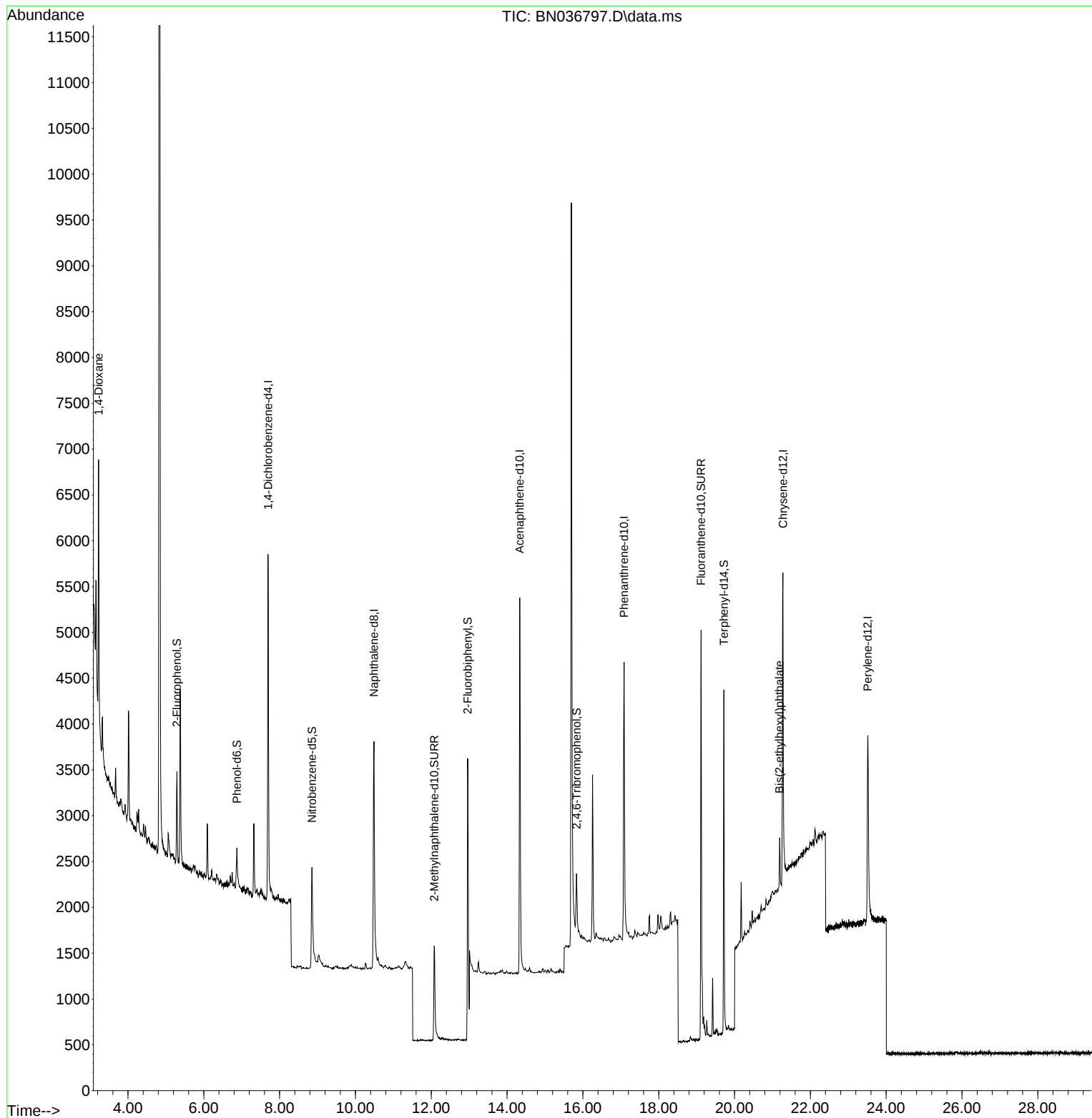
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.696	152	1885	0.400	ng	-0.03
7) Naphthalene-d8	10.487	136	4295	0.400	ng	-0.02
13) Acenaphthene-d10	14.334	164	2635	0.400	ng	-0.03
19) Phenanthrene-d10	17.086	188	5199	0.400	ng	-0.02
29) Chrysene-d12	21.277	240	3937	0.400	ng	-0.02
35) Perylene-d12	23.516	264	3340	0.400	ng	-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.291	112	680	0.155	ng	-0.02
5) Phenol-d6	6.872	99	438	0.081	ng	-0.03
8) Nitrobenzene-d5	8.854	82	1384	0.296	ng	-0.02
11) 2-Methylnaphthalene-d10	12.080	152	2027	0.317	ng	-0.03
14) 2,4,6-Tribromophenol	15.833	330	434	0.363	ng	-0.02
15) 2-Fluorobiphenyl	12.963	172	4814	0.314	ng	-0.03
27) Fluoranthene-d10	19.118	212	5488	0.412	ng	-0.02
31) Terphenyl-d14	19.717	244	3865	0.410	ng	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.225	88	1464	0.700	ng	# 81
34) Bis(2-ethylhexyl)phtha...	21.187	149	640	0.066	ng	# 94

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

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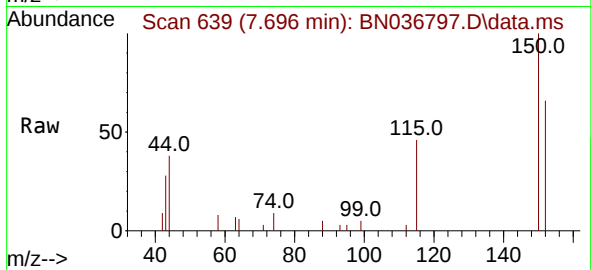
Quant Time: Mar 31 01:58:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
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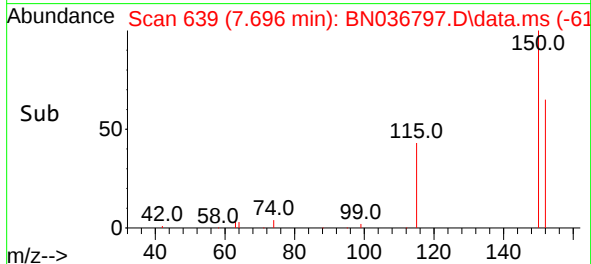
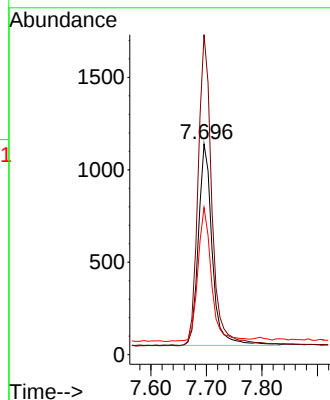
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.696 min Scan# 61
 Delta R.T. -0.028 min
 Lab File: BN036797.D
 Acq: 29 Mar 2025 06:19

Instrument :
 BNA_N
 ClientSampleId :
 TT17411-20250320



Tgt Ion:152 Resp: 1885

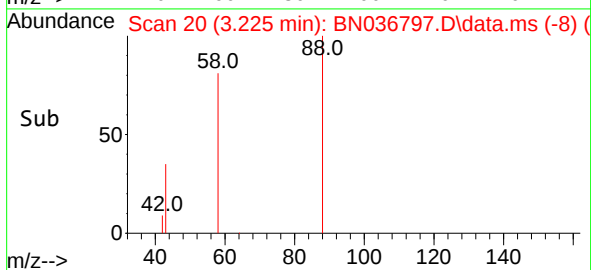
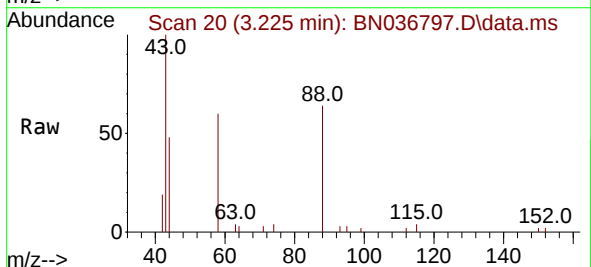
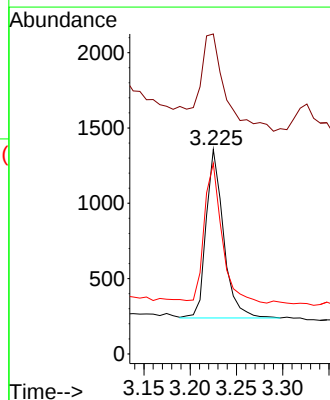
Ion	Ratio	Lower	Upper
152	100		
150	152.0	123.7	185.5
115	69.9	54.3	81.5

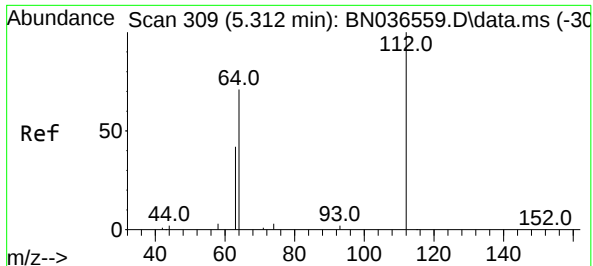


#2
 1,4-Dioxane
 Concen: 0.700 ng
 RT: 3.225 min Scan# 20
 Delta R.T. -0.014 min
 Lab File: BN036797.D
 Acq: 29 Mar 2025 06:19

Tgt Ion: 88 Resp: 1464

Ion	Ratio	Lower	Upper
88	100		
43	82.0	37.8	56.8
58	85.0	67.4	101.2

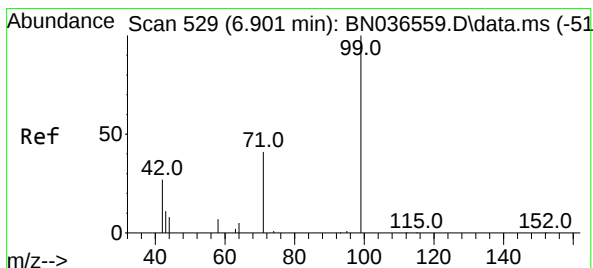
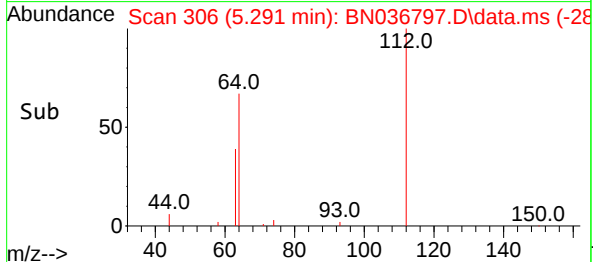
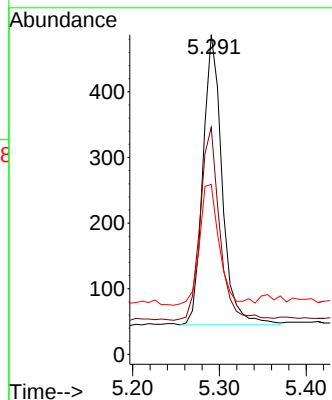
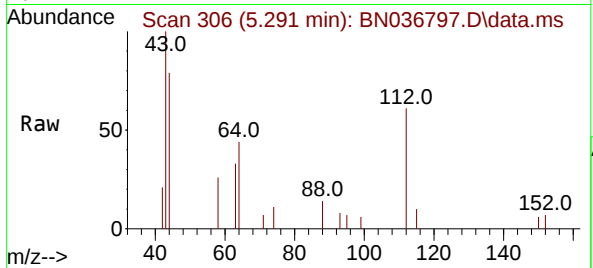




#4
2-Fluorophenol
Concen: 0.155 ng
RT: 5.291 min Scan# 306
Delta R.T. -0.022 min
Lab File: BN036797.D
Acq: 29 Mar 2025 06:19

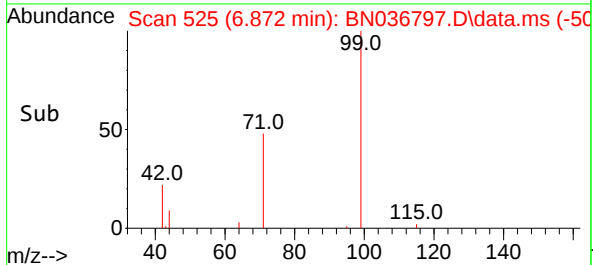
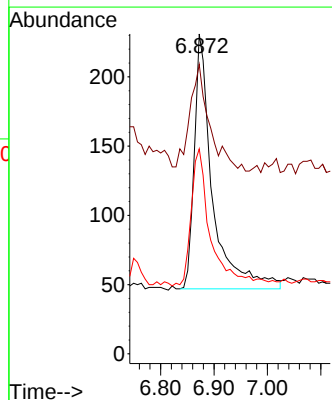
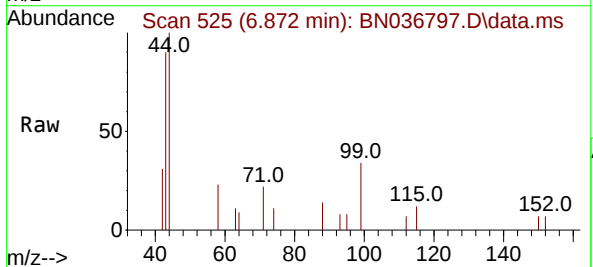
Instrument :
BNA_N
ClientSampleId :
TT17411-20250320

Tgt Ion:112 Resp: 680
Ion Ratio Lower Upper
112 100
64 67.4 53.1 79.7
63 42.6 31.8 47.8



#5
Phenol-d6
Concen: 0.081 ng
RT: 6.872 min Scan# 525
Delta R.T. -0.029 min
Lab File: BN036797.D
Acq: 29 Mar 2025 06:19

Tgt Ion: 99 Resp: 438
Ion Ratio Lower Upper
99 100
42 45.2 26.5 39.7#
71 58.0 34.1 51.1#

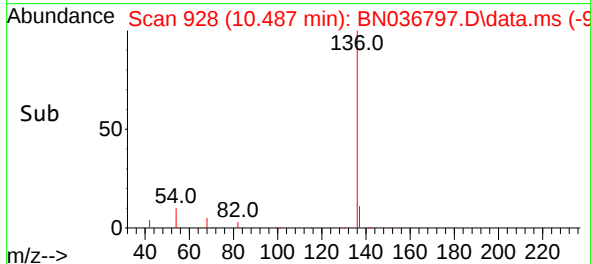
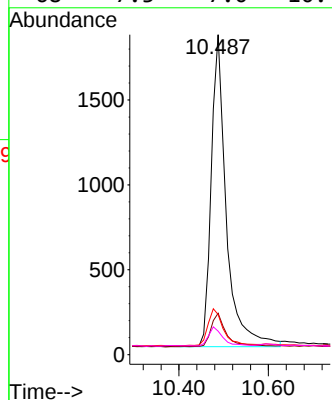
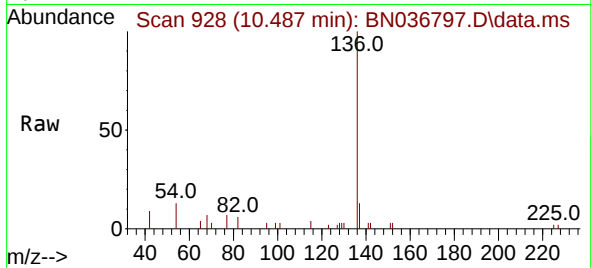




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.487 min Scan# 91
Delta R.T. -0.021 min
Lab File: BN036797.D
Acq: 29 Mar 2025 06:19

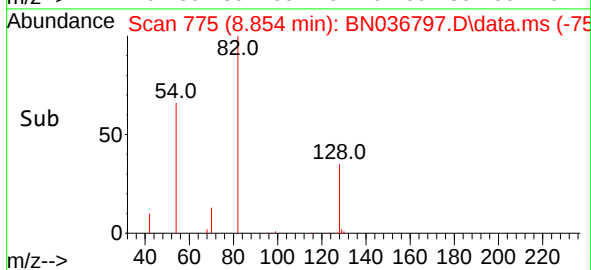
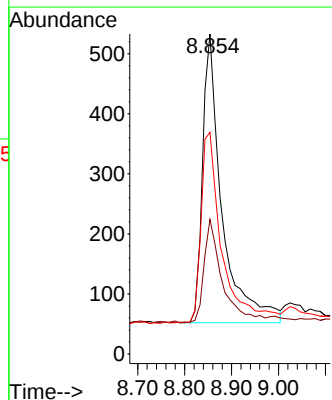
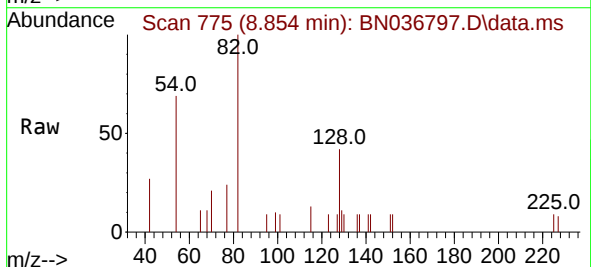
Instrument :
BNA_N
ClientSampleId :
TT17411-20250320

Tgt Ion:	136	Resp:	4295
Ion	Ratio	Lower	Upper
136	100		
137	12.9	10.3	15.5
54	12.5	11.5	17.3
68	7.3	7.0	10.4



#8
Nitrobenzene-d5
Concen: 0.296 ng
RT: 8.854 min Scan# 775
Delta R.T. -0.021 min
Lab File: BN036797.D
Acq: 29 Mar 2025 06:19

Tgt Ion:	82	Resp:	1384
Ion	Ratio	Lower	Upper
82	100		
128	42.0	30.6	45.8
54	69.2	52.2	78.4

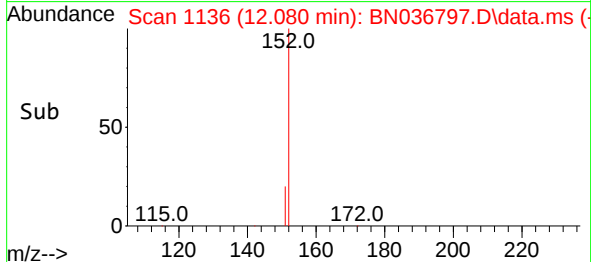
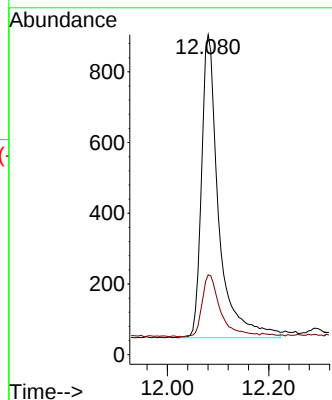
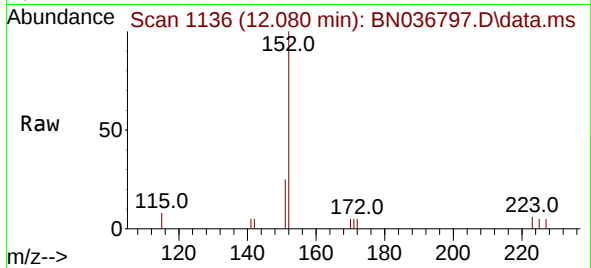




#11
2-Methylnaphthalene-d10
Concen: 0.317 ng
RT: 12.080 min Scan# 1142
Delta R.T. -0.030 min
Lab File: BN036797.D
Acq: 29 Mar 2025 06:19

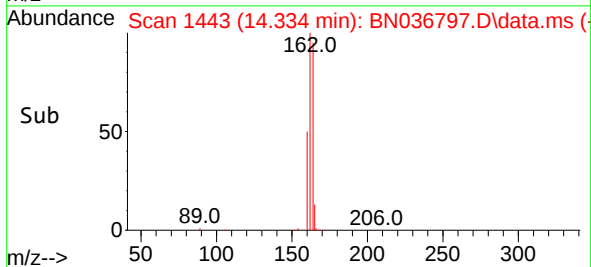
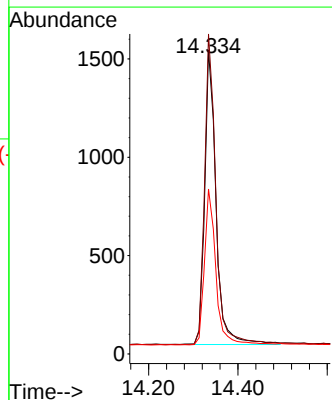
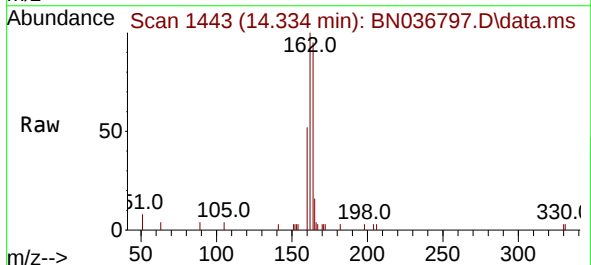
Instrument :
BNA_N
ClientSampleId :
TT17411-20250320

Tgt Ion:152 Resp: 2027
Ion Ratio Lower Upper
152 100
151 21.8 17.0 25.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.334 min Scan# 1443
Delta R.T. -0.032 min
Lab File: BN036797.D
Acq: 29 Mar 2025 06:19

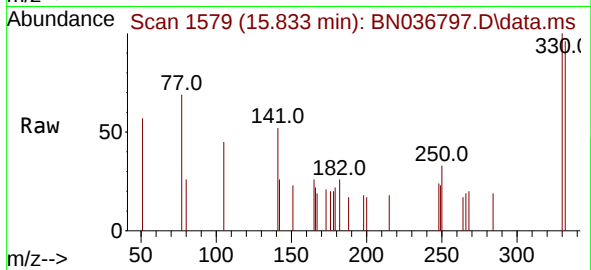
Tgt Ion:164 Resp: 2635
Ion Ratio Lower Upper
164 100
162 105.4 84.2 126.2
160 54.4 42.2 63.2



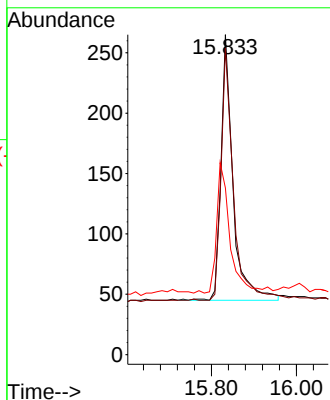
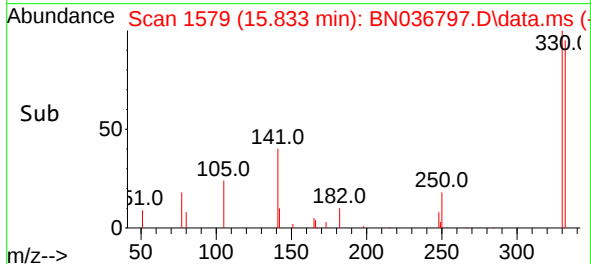


#14
2,4,6-Tribromophenol
Concen: 0.363 ng
RT: 15.833 min Scan# 11
Delta R.T. -0.025 min
Lab File: BN036797.D
Acq: 29 Mar 2025 06:19

Instrument :
BNA_N
ClientSampleId :
TT17411-20250320

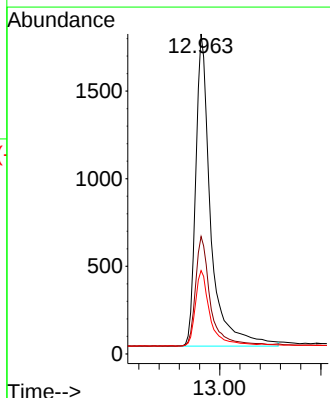
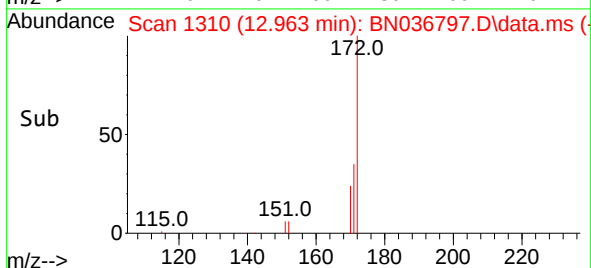
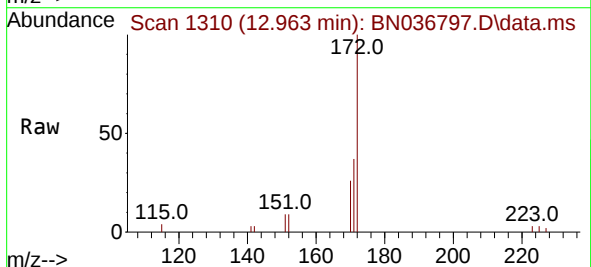


Tgt Ion:330 Resp: 434
Ion Ratio Lower Upper
330 100
332 97.0 75.2 112.8
141 54.1 43.4 65.2



#15
2-Fluorobiphenyl
Concen: 0.314 ng
RT: 12.963 min Scan# 1310
Delta R.T. -0.025 min
Lab File: BN036797.D
Acq: 29 Mar 2025 06:19

Tgt Ion:172 Resp: 4814
Ion Ratio Lower Upper
172 100
171 36.7 29.5 44.3
170 26.1 20.2 30.4

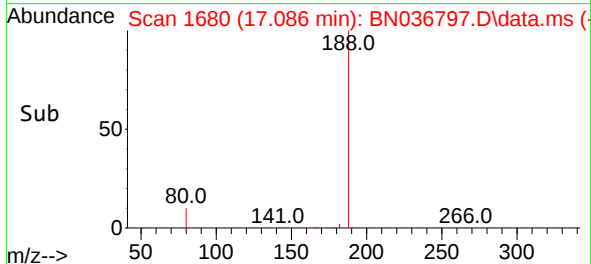
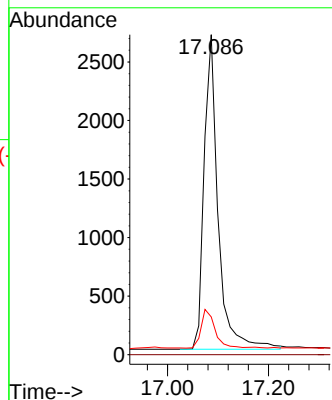
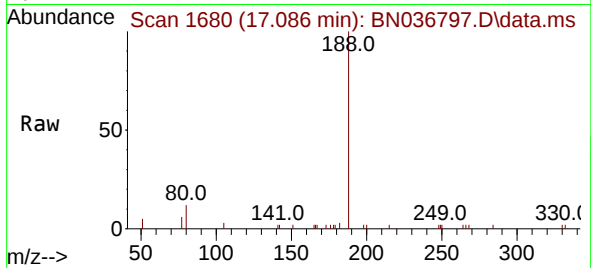




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.086 min Scan# 1680
Delta R.T. -0.025 min
Lab File: BN036797.D
Acq: 29 Mar 2025 06:19

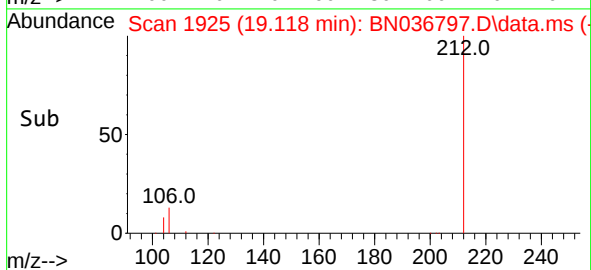
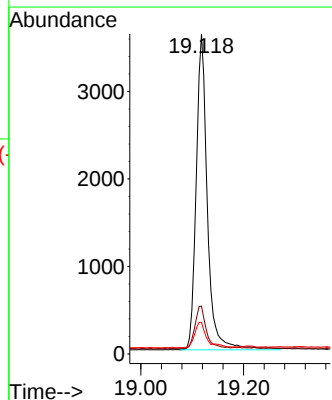
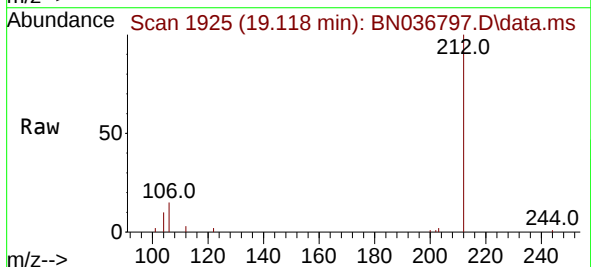
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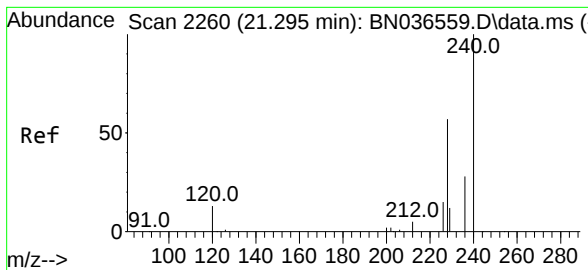
Tgt Ion:188 Resp: 5199
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.8 8.8 13.2



#27
Fluoranthene-d10
Concen: 0.412 ng
RT: 19.118 min Scan# 1925
Delta R.T. -0.023 min
Lab File: BN036797.D
Acq: 29 Mar 2025 06:19

Tgt Ion:212 Resp: 5488
Ion Ratio Lower Upper
212 100
106 13.7 11.8 17.6
104 8.8 7.3 10.9

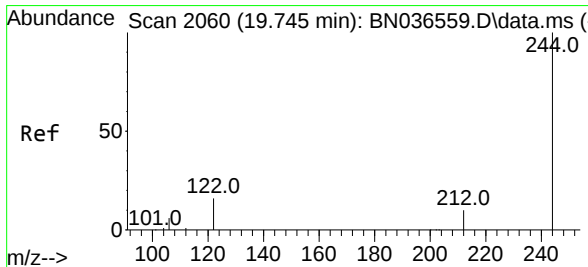
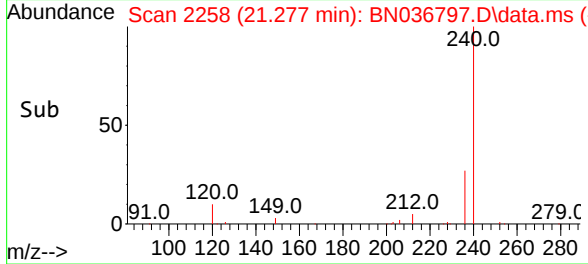
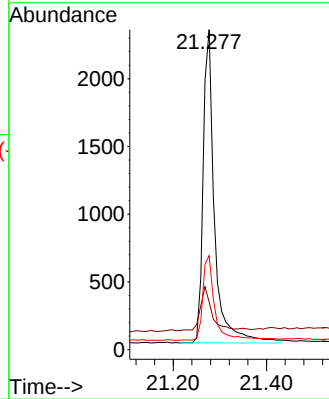
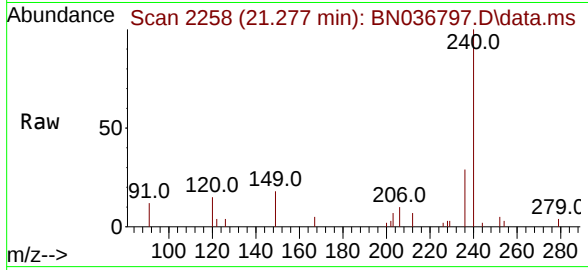




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.277 min Scan# 21
Delta R.T. -0.018 min
Lab File: BN036797.D
Acq: 29 Mar 2025 06:19

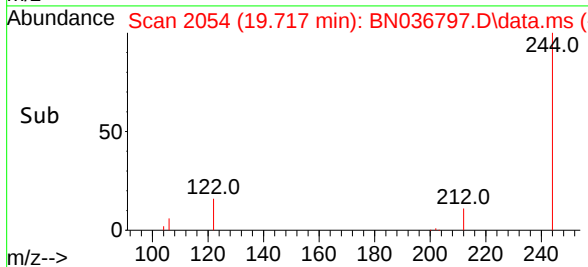
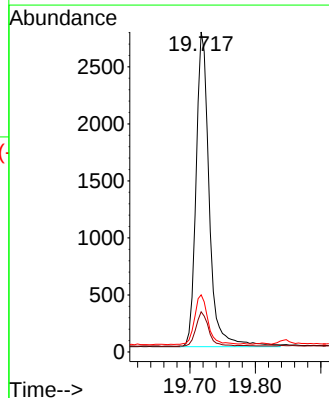
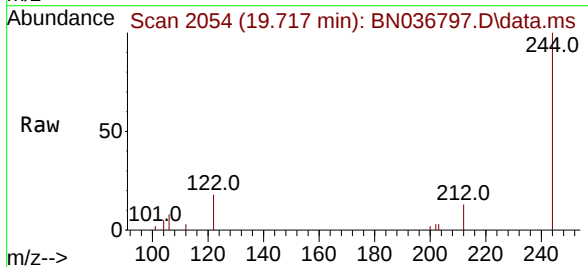
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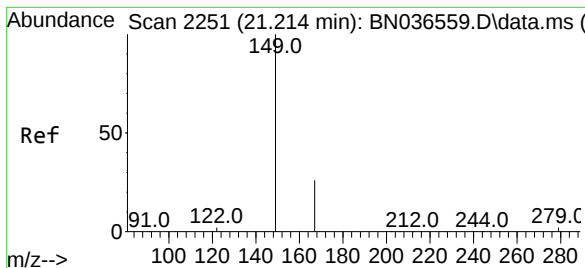
Tgt Ion:240 Resp: 3937
Ion Ratio Lower Upper
240 100
120 14.9 14.6 22.0
236 29.4 24.1 36.1



#31
Terphenyl-d14
Concen: 0.410 ng
RT: 19.717 min Scan# 2054
Delta R.T. -0.028 min
Lab File: BN036797.D
Acq: 29 Mar 2025 06:19

Tgt Ion:244 Resp: 3865
Ion Ratio Lower Upper
244 100
212 12.5 9.6 14.4
122 17.9 13.9 20.9

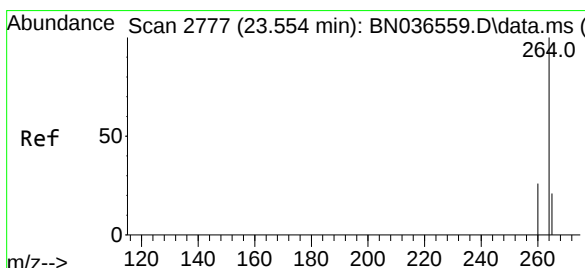
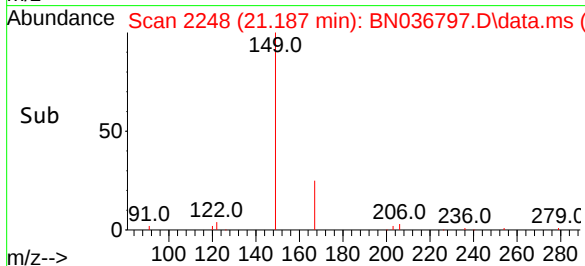
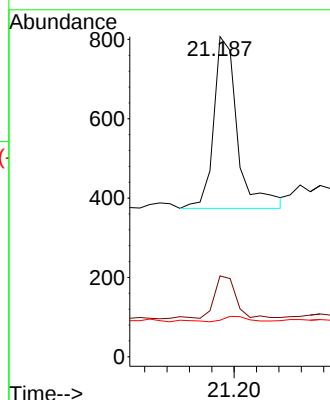
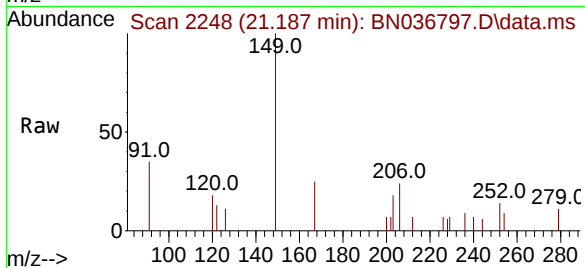




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.066 ng
RT: 21.187 min Scan# 211
Delta R.T. -0.027 min
Lab File: BN036797.D
Acq: 29 Mar 2025 06:19

Instrument :
BNA_N
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Tgt Ion:149 Resp: 640
Ion Ratio Lower Upper
149 100
167 22.5 20.7 31.1
279 3.1 3.6 5.4#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.516 min Scan# 2764
Delta R.T. -0.038 min
Lab File: BN036797.D
Acq: 29 Mar 2025 06:19

Tgt Ion:264 Resp: 3340
Ion Ratio Lower Upper
264 100
260 27.9 22.6 33.8
265 91.1 88.1 132.1

