

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032825\
 Data File : BN036799.D
 Acq On : 29 Mar 2025 07:32
 Operator : RC/JU
 Sample : Q1629-08
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 31 01:58:53 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)

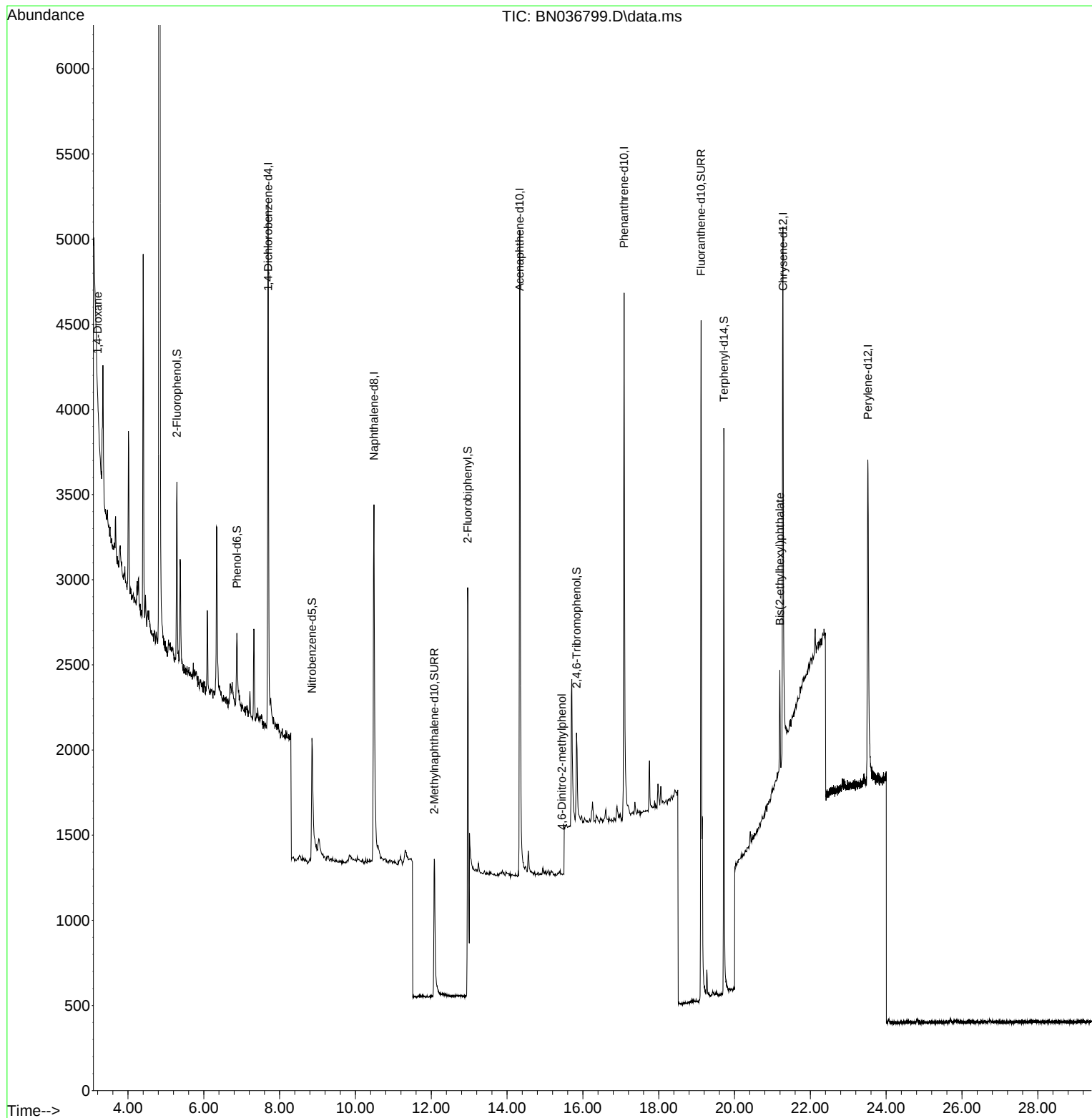
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.696	152	1587	0.400	ng	-0.03
7) Naphthalene-d8	10.488	136	3759	0.400	ng	-0.02
13) Acenaphthene-d10	14.334	164	2611	0.400	ng	-0.03
19) Phenanthrene-d10	17.087	188	5014	0.400	ng	-0.02
29) Chrysene-d12	21.277	240	3745	0.400	ng	-0.02
35) Perylene-d12	23.519	264	3124	0.400	ng	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.291	112	768	0.208	ng	-0.02
5) Phenol-d6	6.872	99	509	0.111	ng	-0.03
8) Nitrobenzene-d5	8.854	82	1047	0.256	ng	-0.02
11) 2-Methylnaphthalene-d10	12.081	152	1685	0.301	ng	-0.03
14) 2,4,6-Tribromophenol	15.833	330	391	0.330	ng	-0.02
15) 2-Fluorobiphenyl	12.963	172	3853	0.254	ng	-0.03
27) Fluoranthene-d10	19.118	212	4963	0.386	ng	-0.02
31) Terphenyl-d14	19.722	244	3396	0.378	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.203	88	40	0.023	ng	# 15
20) 4,6-Dinitro-2-methylph...	15.446	198	1	0.146	ng	# 12
34) Bis(2-ethylhexyl)phtha...	21.196	149	610	0.066	ng	92

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

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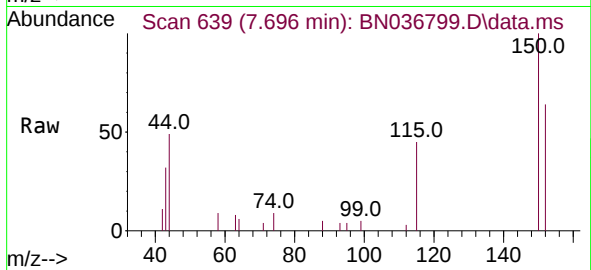
Quant Time: Mar 31 01:58:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
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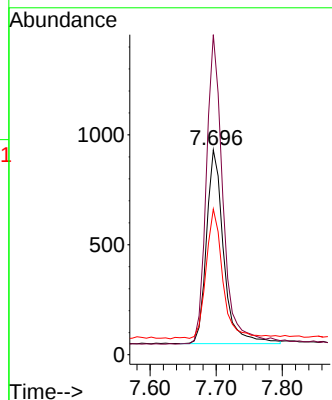
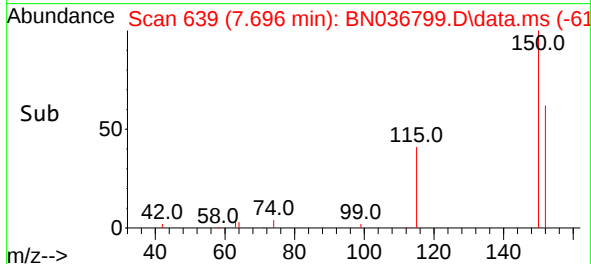


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.696 min Scan# 61
 Delta R.T. -0.028 min
 Lab File: BN036799.D
 Acq: 29 Mar 2025 07:32

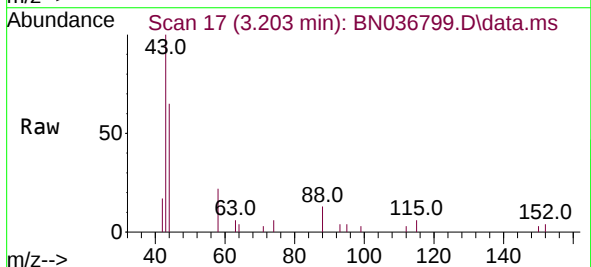
Instrument :
 BNA_N
 ClientSampleId :



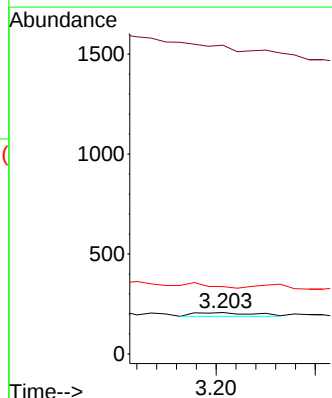
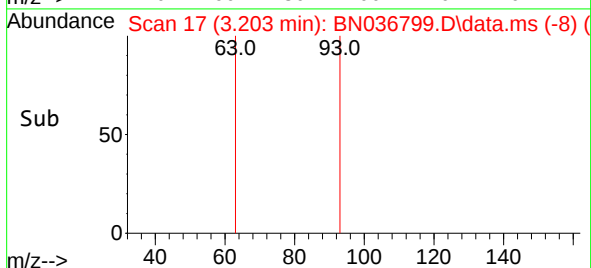
Tgt Ion:152 Resp: 1587
 Ion Ratio Lower Upper
 152 100
 150 156.2 123.7 185.5
 115 71.0 54.3 81.5



#2
 1,4-Dioxane
 Concen: 0.023 ng
 RT: 3.203 min Scan# 17
 Delta R.T. -0.036 min
 Lab File: BN036799.D
 Acq: 29 Mar 2025 07:32



Tgt Ion: 88 Resp: 40
 Ion Ratio Lower Upper
 88 100
 43 0.0 37.8 56.8#
 58 0.0 67.4 101.2#

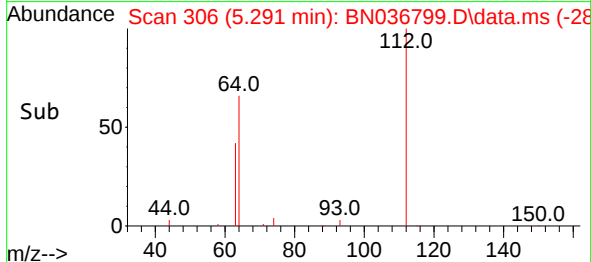
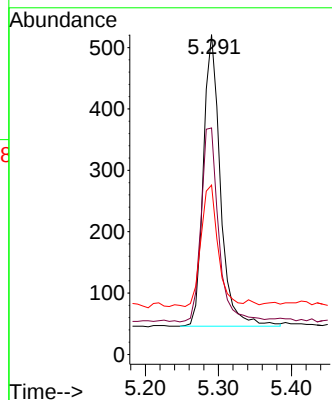
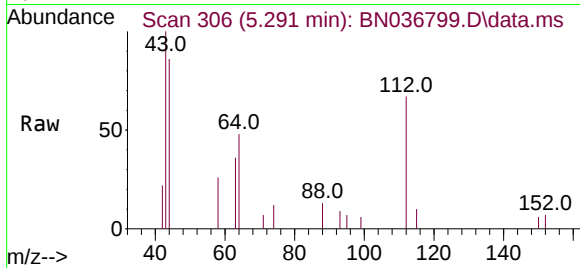




#4
2-Fluorophenol
Concen: 0.208 ng
RT: 5.291 min Scan# 306
Delta R.T. -0.021 min
Lab File: BN036799.D
Acq: 29 Mar 2025 07:32

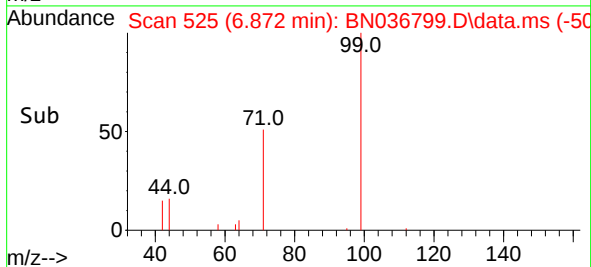
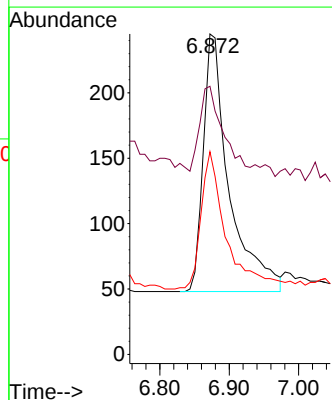
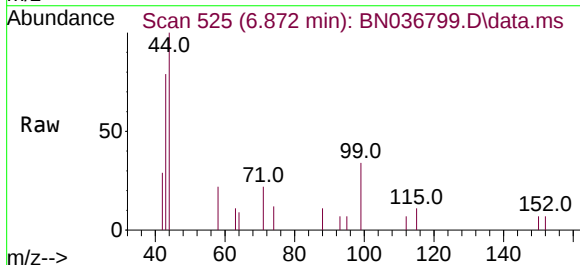
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:112 Resp: 768
Ion Ratio Lower Upper
112 100
64 68.8 53.1 79.7
63 41.8 31.8 47.8



#5
Phenol-d6
Concen: 0.111 ng
RT: 6.872 min Scan# 525
Delta R.T. -0.029 min
Lab File: BN036799.D
Acq: 29 Mar 2025 07:32

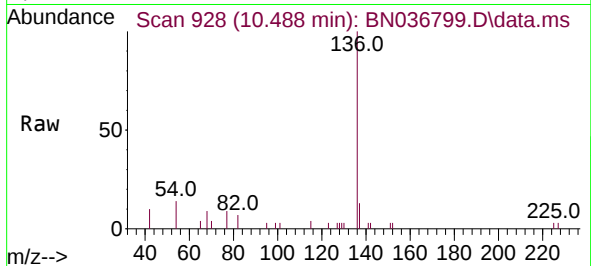
Tgt Ion: 99 Resp: 509
Ion Ratio Lower Upper
99 100
42 28.9 26.5 39.7
71 53.0 34.1 51.1#



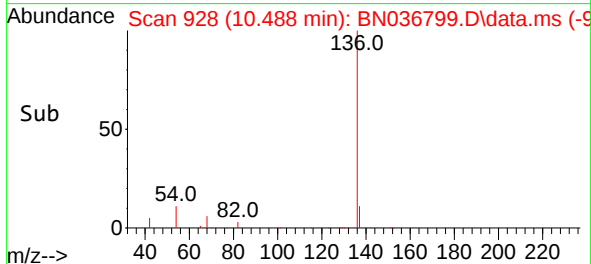
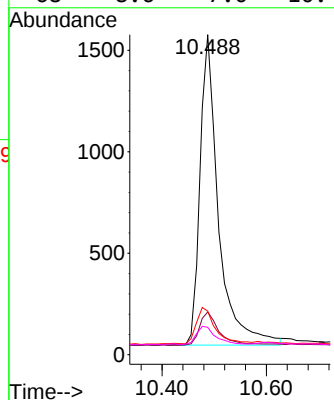


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.488 min Scan# 91
Delta R.T. -0.021 min
Lab File: BN036799.D
Acq: 29 Mar 2025 07:32

Instrument :
BNA_N
ClientSampleId :

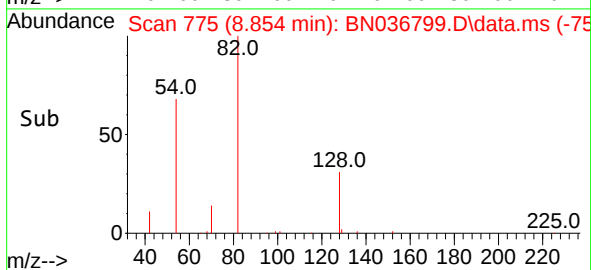
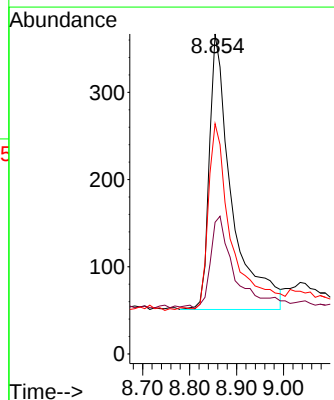
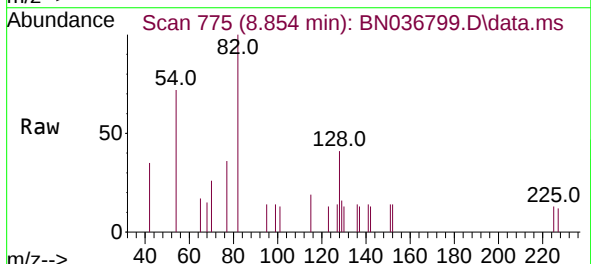


Tgt Ion:136 Resp: 3759
Ion Ratio Lower Upper
136 100
137 13.4 10.3 15.5
54 13.6 11.5 17.3
68 8.6 7.0 10.4



#8
Nitrobenzene-d5
Concen: 0.256 ng
RT: 8.854 min Scan# 775
Delta R.T. -0.021 min
Lab File: BN036799.D
Acq: 29 Mar 2025 07:32

Tgt Ion: 82 Resp: 1047
Ion Ratio Lower Upper
82 100
128 41.1 30.6 45.8
54 71.9 52.2 78.4

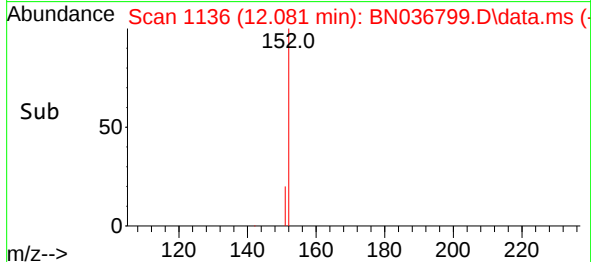
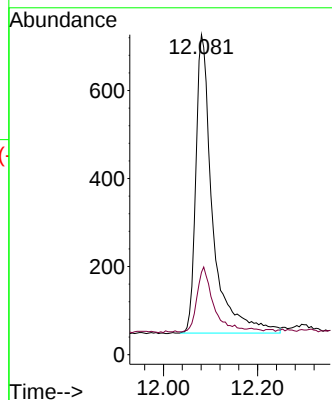
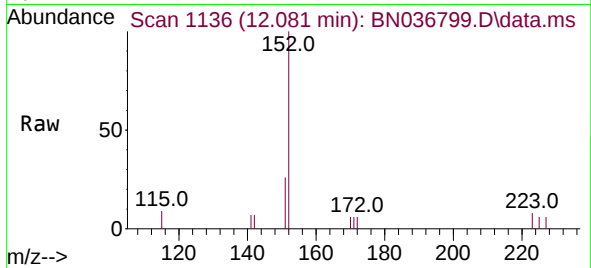




#11
2-Methylnaphthalene-d10
Concen: 0.301 ng
RT: 12.081 min Scan# 1142
Delta R.T. -0.030 min
Lab File: BN036799.D
Acq: 29 Mar 2025 07:32

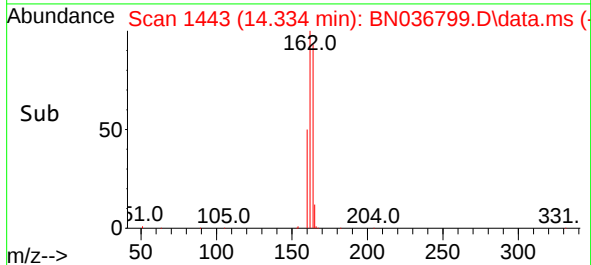
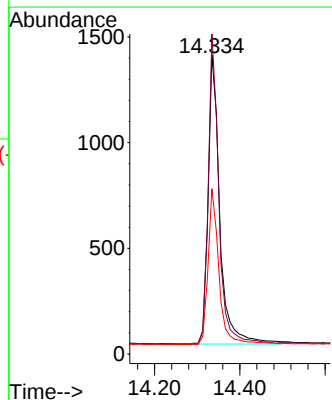
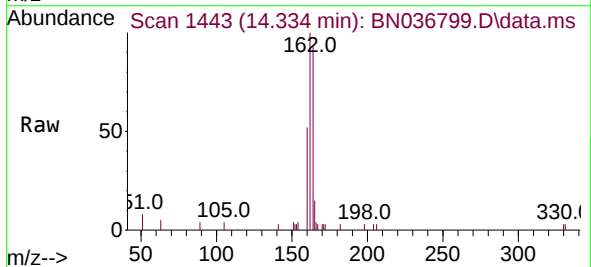
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 1685
Ion Ratio Lower Upper
152 100
151 20.9 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: BN036799.D
Acq: 29 Mar 2025 07:32

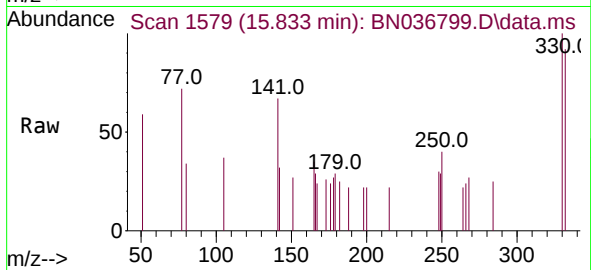
Tgt Ion:164 Resp: 2611
Ion Ratio Lower Upper
164 100
162 107.0 84.2 126.2
160 55.3 42.2 63.2



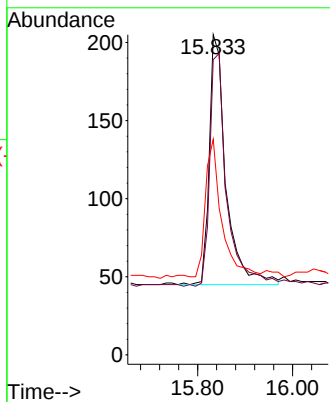
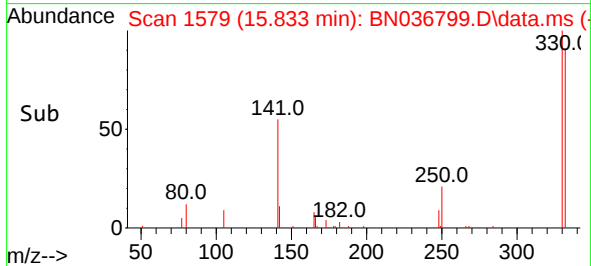


#14
2,4,6-Tribromophenol
Concen: 0.330 ng
RT: 15.833 min Scan# 11
Delta R.T. -0.025 min
Lab File: BN036799.D
Acq: 29 Mar 2025 07:32

Instrument :
BNA_N
ClientSampleId :

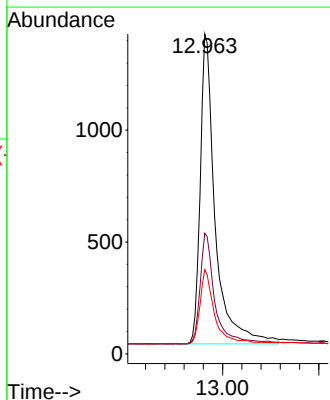
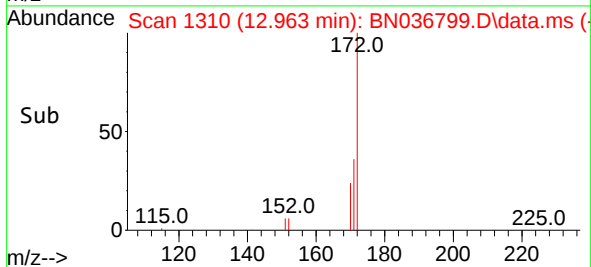
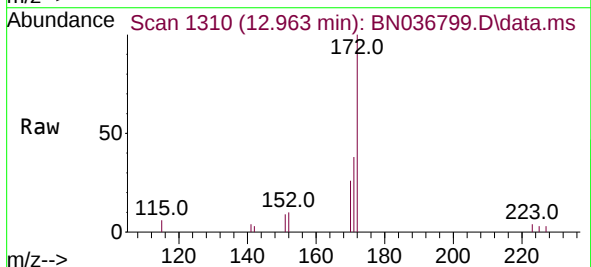


Tgt Ion:330 Resp: 391
Ion Ratio Lower Upper
330 100
332 95.7 75.2 112.8
141 52.9 43.4 65.2



#15
2-Fluorobiphenyl
Concen: 0.254 ng
RT: 12.963 min Scan# 1310
Delta R.T. -0.025 min
Lab File: BN036799.D
Acq: 29 Mar 2025 07:32

Tgt Ion:172 Resp: 3853
Ion Ratio Lower Upper
172 100
171 37.7 29.5 44.3
170 26.4 20.2 30.4

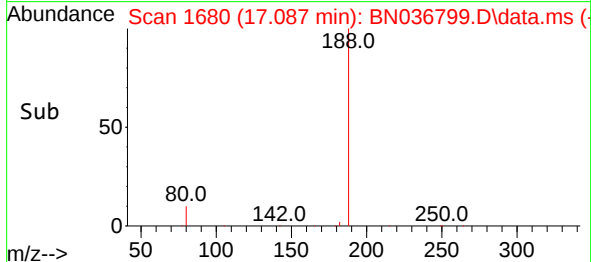
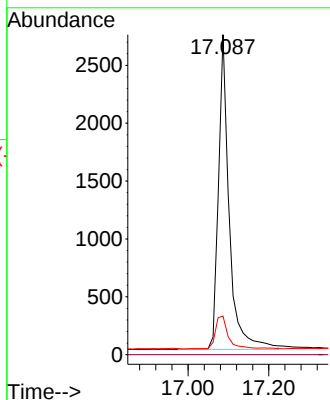
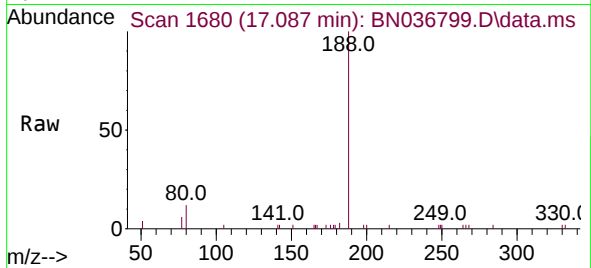




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.087 min Scan# 1
Delta R.T. -0.025 min
Lab File: BN036799.D
Acq: 29 Mar 2025 07:32

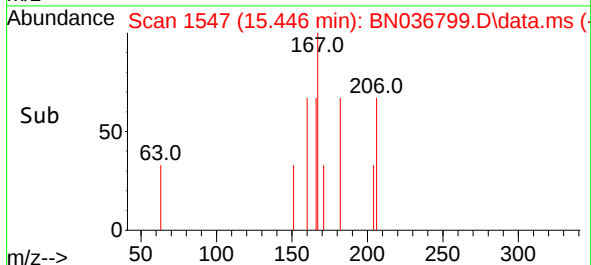
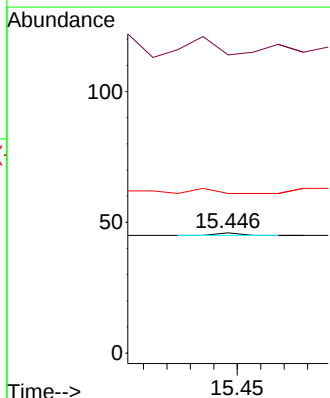
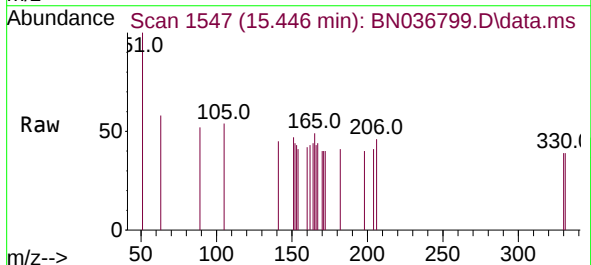
Instrument :
BNA_N
ClientSampleId :

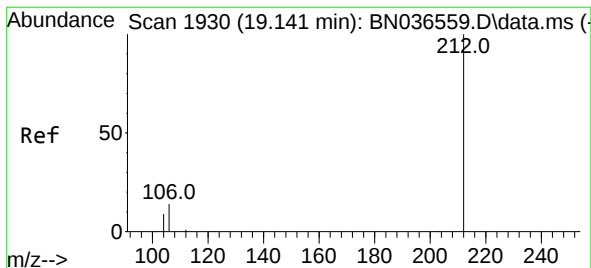
Tgt Ion:188 Resp: 5014
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.0 8.8 13.2



#20
4,6-Dinitro-2-methylphenol
Concen: 0.146 ng
RT: 15.446 min Scan# 1547
Delta R.T. -0.053 min
Lab File: BN036799.D
Acq: 29 Mar 2025 07:32

Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 247.8 107.9 161.9#
105 132.6 56.2 84.2#





#27

Fluoranthene-d10

Concen: 0.386 ng

RT: 19.118 min Scan# 19

Delta R.T. -0.023 min

Lab File: BN036799.D

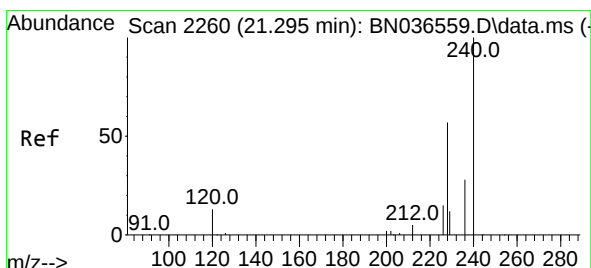
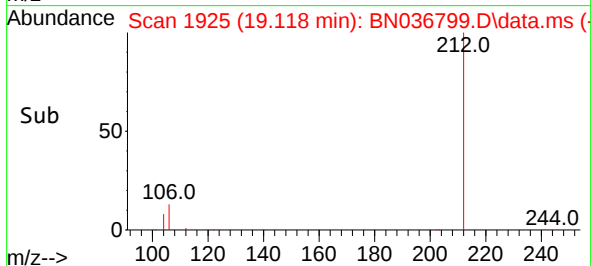
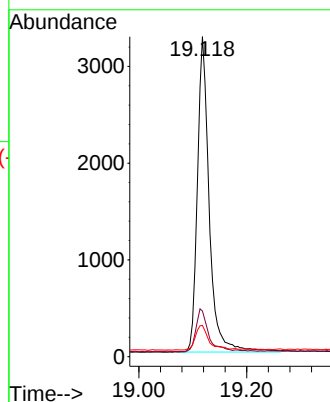
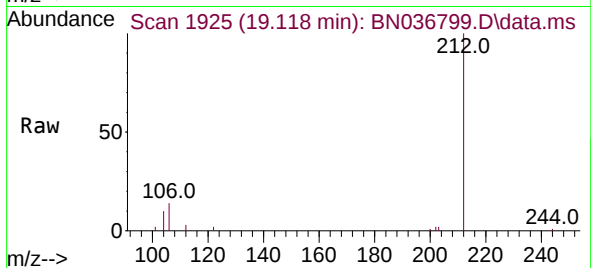
Acq: 29 Mar 2025 07:32

Instrument :

BNA_N

ClientSampleId :

Tgt Ion:212	Resp:	4963
Ion Ratio	Lower	Upper
212	100	
106	14.7	11.8 17.6
104	8.6	7.3 10.9



#29

Chrysene-d12

Concen: 0.400 ng

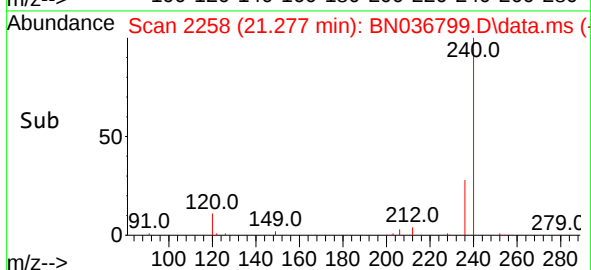
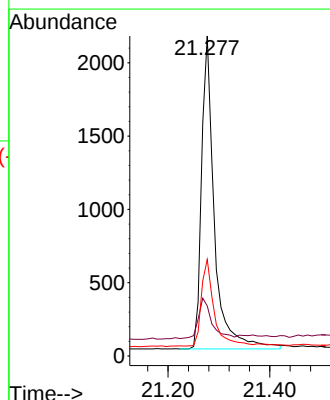
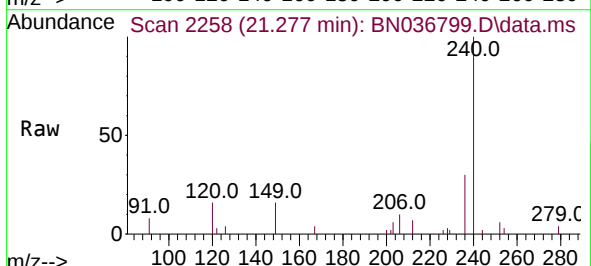
RT: 21.277 min Scan# 2258

Delta R.T. -0.018 min

Lab File: BN036799.D

Acq: 29 Mar 2025 07:32

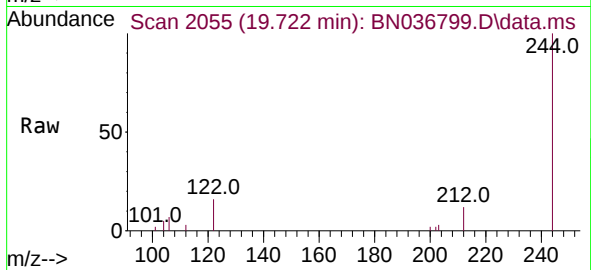
Tgt Ion:240	Resp:	3745
Ion Ratio	Lower	Upper
240	100	
120	15.7	14.6 22.0
236	30.2	24.1 36.1



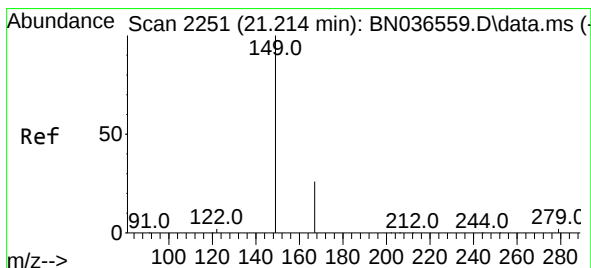
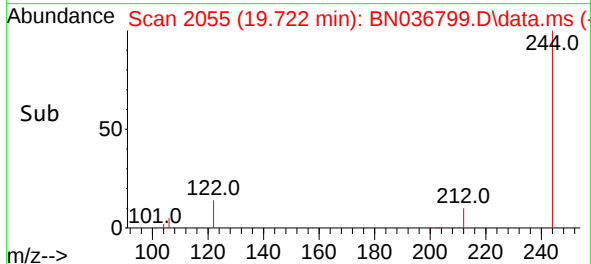
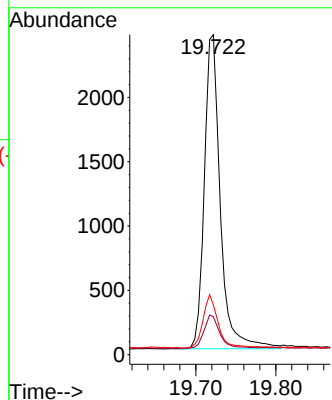


#31
Terphenyl-d14
Concen: 0.378 ng
RT: 19.722 min Scan# 2060
Delta R.T. -0.023 min
Lab File: BN036799.D
Acq: 29 Mar 2025 07:32

Instrument :
BNA_N
ClientSampleId :

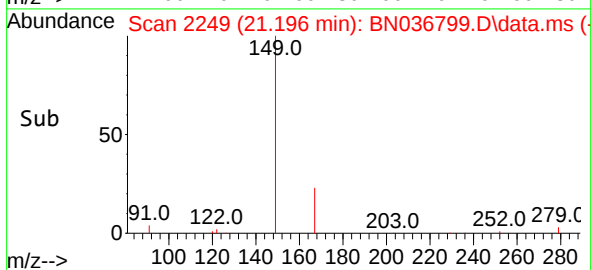
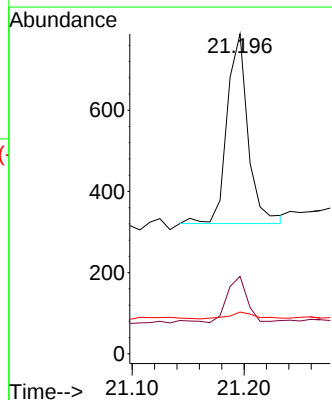
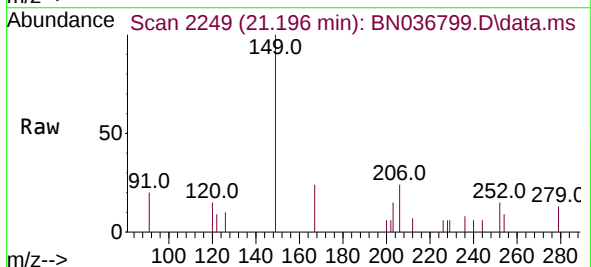


Tgt Ion:244 Resp: 3396
Ion Ratio Lower Upper
244 100
212 11.8 9.6 14.4
122 15.6 13.9 20.9



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.066 ng
RT: 21.196 min Scan# 2249
Delta R.T. -0.018 min
Lab File: BN036799.D
Acq: 29 Mar 2025 07:32

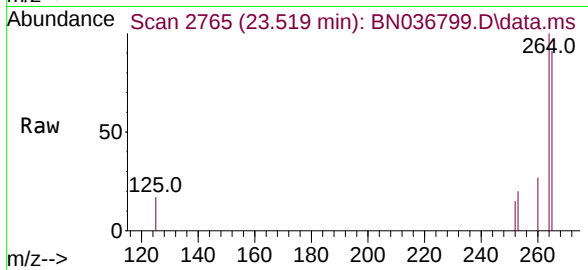
Tgt Ion:149 Resp: 610
Ion Ratio Lower Upper
149 100
167 21.3 20.7 31.1
279 4.4 3.6 5.4





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.519 min Scan# 21
Delta R.T. -0.035 min
Lab File: BN036799.D
Acq: 29 Mar 2025 07:32

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:264 Resp: 3124
Ion Ratio Lower Upper
264 100
260 27.3 22.6 33.8
265 91.2 88.1 132.1

