

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032725\
 Data File : BN036749.D
 Acq On : 27 Mar 2025 22:15
 Operator : RC/JU
 Sample : Q1608-16
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D4-20250318

Quant Time: Mar 28 00:58:52 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)

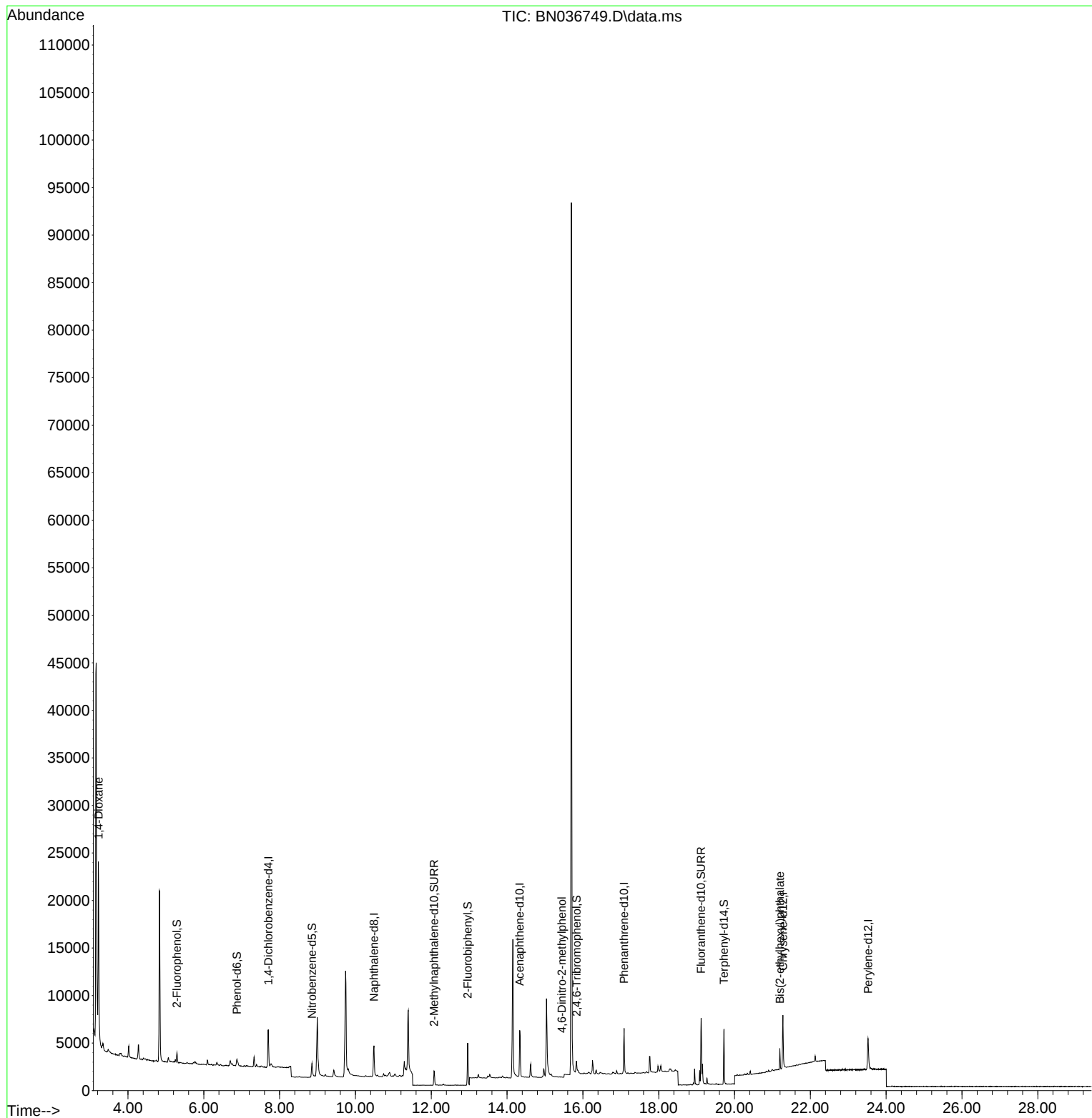
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.703	152	1863	0.400	ng	-0.02
7) Naphthalene-d8	10.488	136	4600	0.400	ng	#-0.02
13) Acenaphthene-d10	14.334	164	2953	0.400	ng	-0.03
19) Phenanthrene-d10	17.087	188	6367	0.400	ng	-0.02
29) Chrysene-d12	21.277	240	5663	0.400	ng	-0.02
35) Perylene-d12	23.522	264	4996	0.400	ng	#-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.291	112	769	0.177	ng	-0.02
5) Phenol-d6	6.872	99	567	0.106	ng	-0.03
8) Nitrobenzene-d5	8.854	82	1430	0.286	ng	-0.02
11) 2-Methylnaphthalene-d10	12.075	152	2127	0.311	ng	-0.04
14) 2,4,6-Tribromophenol	15.833	330	623	0.465	ng	-0.02
15) 2-Fluorobiphenyl	12.963	172	5365	0.312	ng	-0.03
27) Fluoranthene-d10	19.118	212	7825	0.480	ng	-0.02
31) Terphenyl-d14	19.722	244	5510	0.406	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.225	88	10113	4.893	ng	96
20) 4,6-Dinitro-2-methylph...	15.446	198	6	0.149	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.196	149	2009	0.143	ng	# 98

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

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Data File : BN036749.D
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Operator : RC/JU
Sample : Q1608-16
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
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RE132D4-20250318

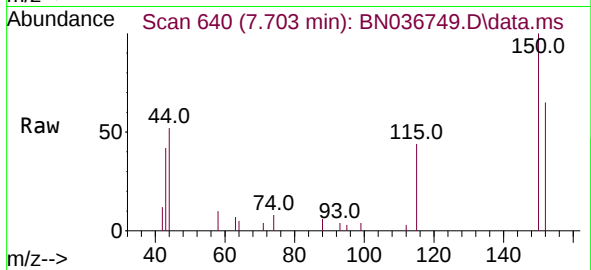
Quant Time: Mar 28 00:58:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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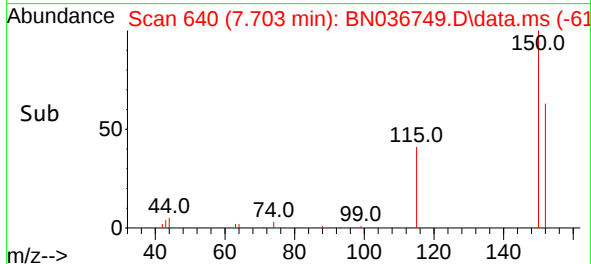
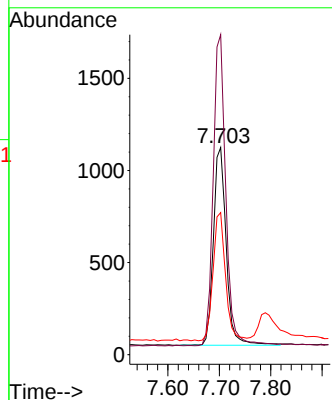
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.703 min Scan# 64
 Delta R.T. -0.021 min
 Lab File: BN036749.D
 Acq: 27 Mar 2025 22:15

Instrument :
 BNA_N
 ClientSampleId :
 RE132D4-20250318



Tgt Ion:152 Resp: 1863

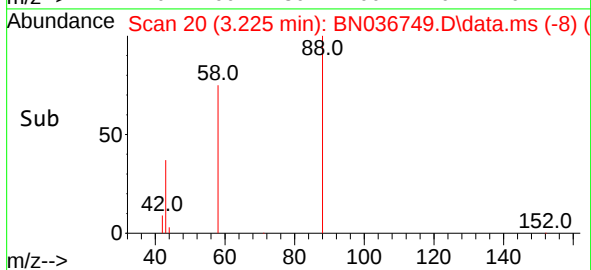
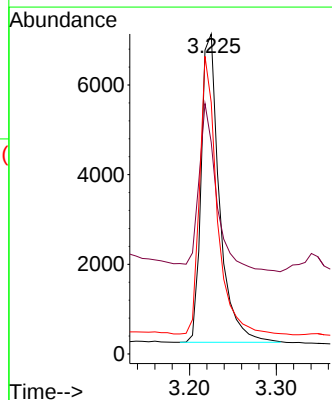
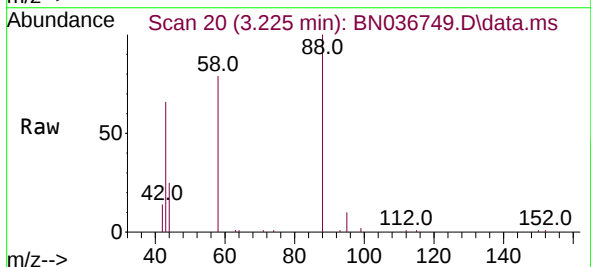
Ion	Ratio	Lower	Upper
152	100		
150	154.4	123.7	185.5
115	68.5	54.3	81.5



#2
 1,4-Dioxane
 Concen: 4.893 ng
 RT: 3.225 min Scan# 20
 Delta R.T. -0.014 min
 Lab File: BN036749.D
 Acq: 27 Mar 2025 22:15

Tgt Ion: 88 Resp: 10113

Ion	Ratio	Lower	Upper
88	100		
43	54.4	37.8	56.8
58	85.2	67.4	101.2

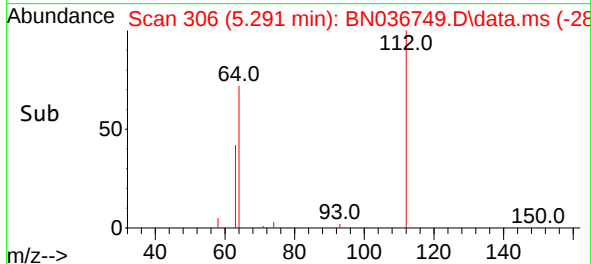
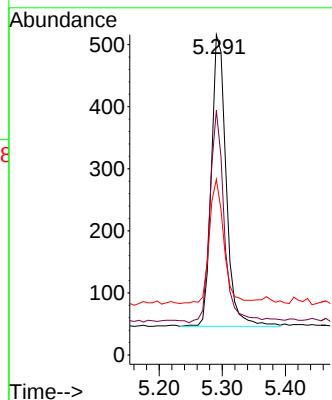
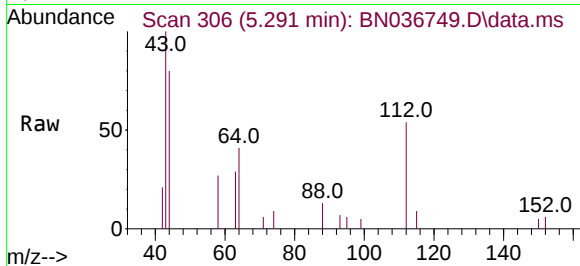




#4
2-Fluorophenol
Concen: 0.177 ng
RT: 5.291 min Scan# 306
Delta R.T. -0.022 min
Lab File: BN036749.D
Acq: 27 Mar 2025 22:15

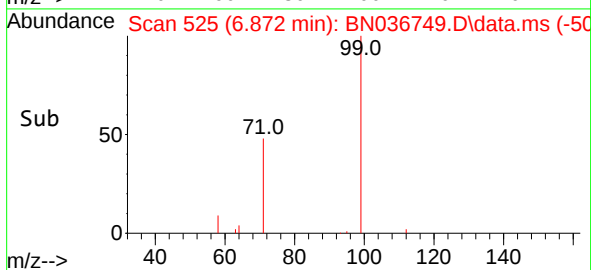
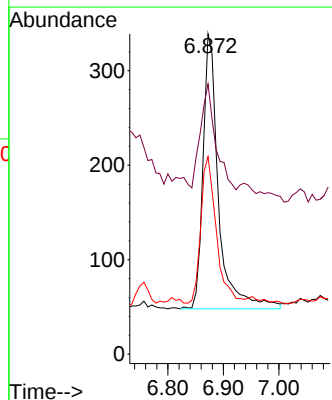
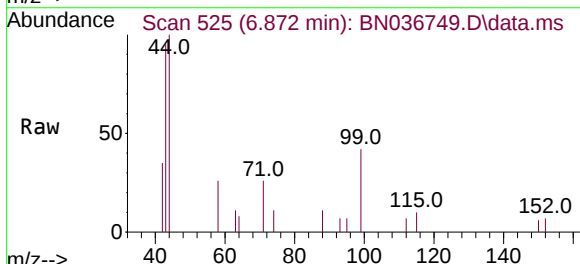
Instrument :
BNA_N
ClientSampleId :
RE132D4-20250318

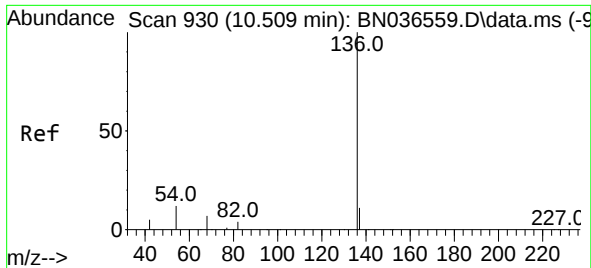
Tgt Ion:	112	Resp:	769
Ion	Ratio	Lower	Upper
112	100		
64	70.2	53.1	79.7
63	40.3	31.8	47.8



#5
Phenol-d6
Concen: 0.106 ng
RT: 6.872 min Scan# 525
Delta R.T. -0.029 min
Lab File: BN036749.D
Acq: 27 Mar 2025 22:15

Tgt Ion:	99	Resp:	567
Ion	Ratio	Lower	Upper
99	100		
42	39.0	26.5	39.7
71	52.9	34.1	51.1

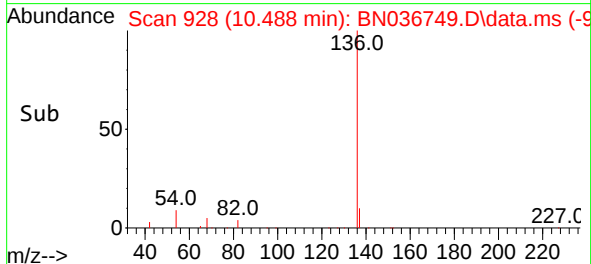
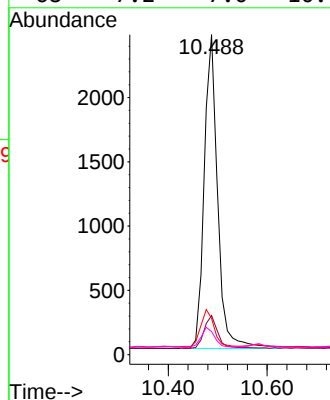
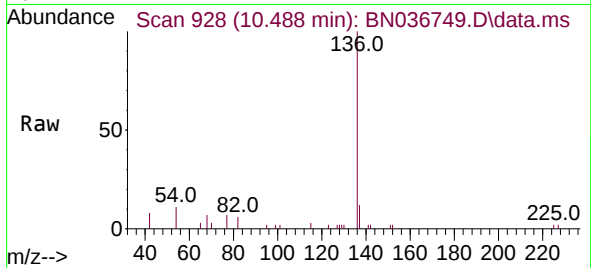




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.488 min Scan# 91
Delta R.T. -0.021 min
Lab File: BN036749.D
Acq: 27 Mar 2025 22:15

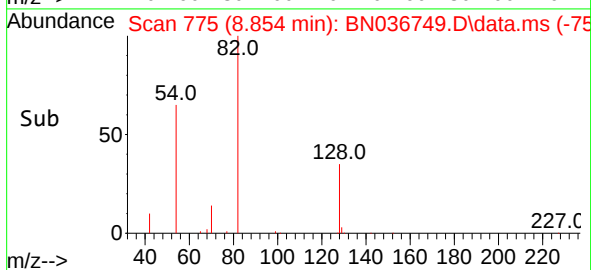
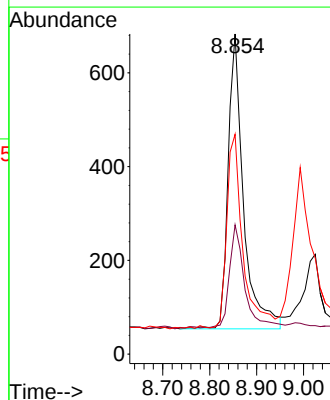
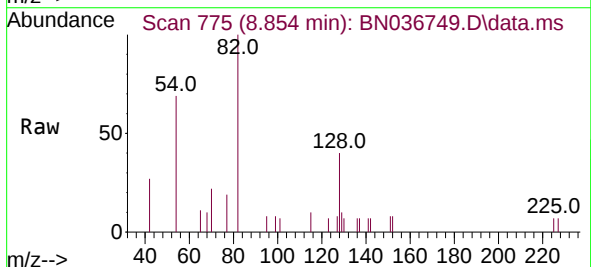
Instrument :
BNA_N
ClientSampleId :
RE132D4-20250318

Tgt Ion:	136	Resp:	4600
Ion Ratio	Lower	Upper	
136	100		
137	12.3	10.3	15.5
54	11.3	11.5	17.3#
68	7.2	7.0	10.4



#8
Nitrobenzene-d5
Concen: 0.286 ng
RT: 8.854 min Scan# 775
Delta R.T. -0.021 min
Lab File: BN036749.D
Acq: 27 Mar 2025 22:15

Tgt Ion:	82	Resp:	1430
Ion Ratio	Lower	Upper	
82	100		
128	40.4	30.6	45.8
54	68.7	52.2	78.4

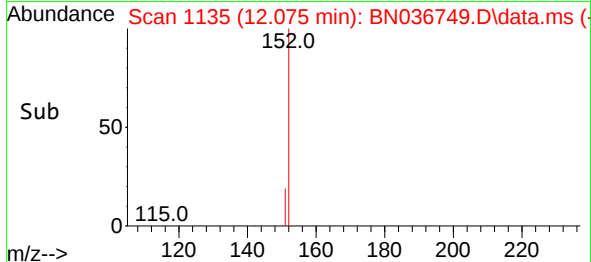
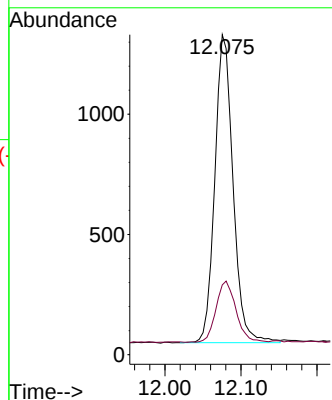
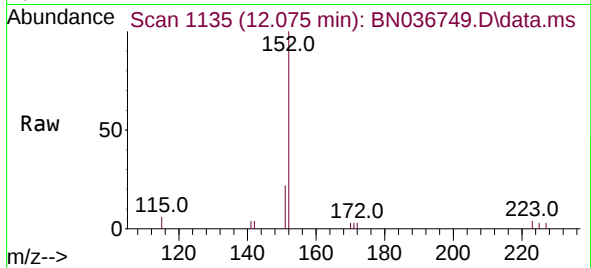




#11
2-Methylnaphthalene-d10
Concen: 0.311 ng
RT: 12.075 min Scan# 1142
Delta R.T. -0.035 min
Lab File: BN036749.D
Acq: 27 Mar 2025 22:15

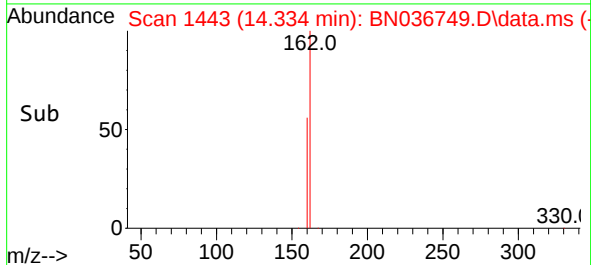
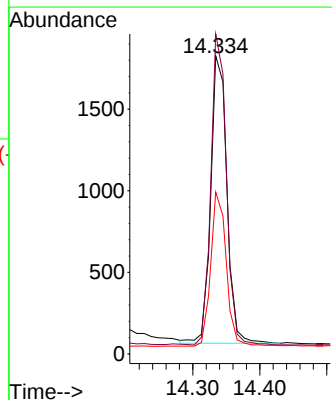
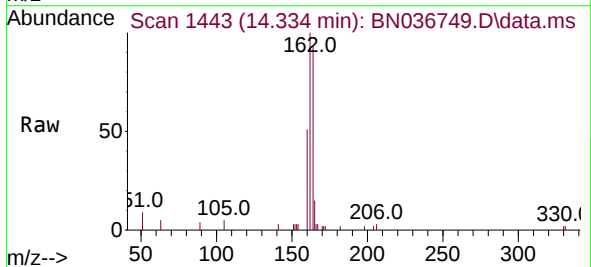
Instrument :
BNA_N
ClientSampleId :
RE132D4-20250318

Tgt Ion:152 Resp: 2127
Ion Ratio Lower Upper
152 100
151 21.9 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: BN036749.D
Acq: 27 Mar 2025 22:15

Tgt Ion:164 Resp: 2953
Ion Ratio Lower Upper
164 100
162 107.3 84.2 126.2
160 54.3 42.2 63.2

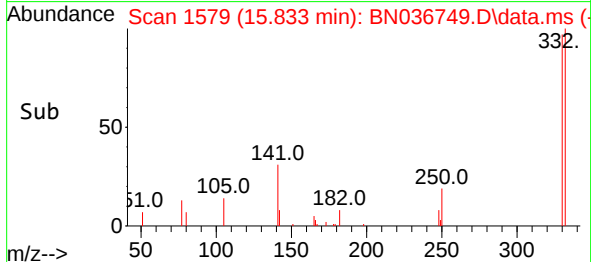
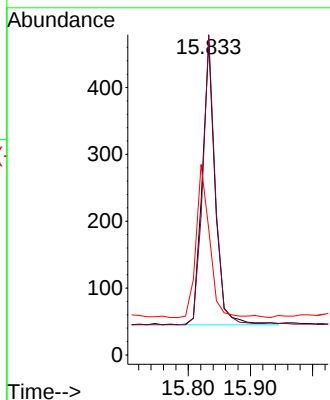
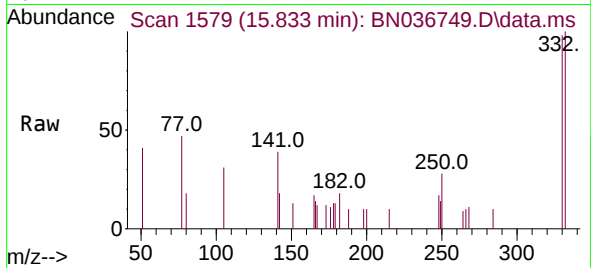




#14
2,4,6-Tribromophenol
Concen: 0.465 ng
RT: 15.833 min Scan# 11
Delta R.T. -0.025 min
Lab File: BN036749.D
Acq: 27 Mar 2025 22:15

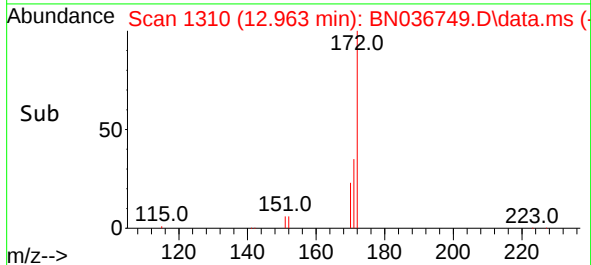
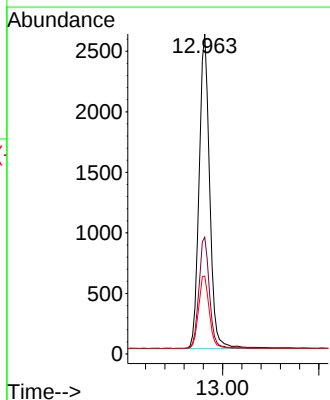
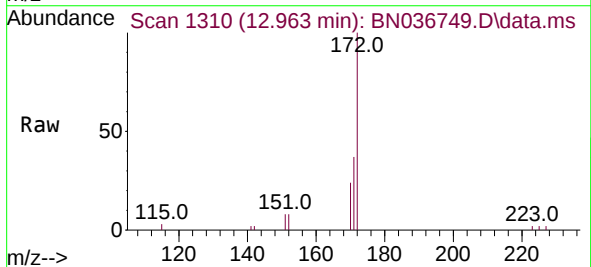
Instrument :
BNA_N
ClientSampleId :
RE132D4-20250318

Tgt Ion:330 Resp: 623
Ion Ratio Lower Upper
330 100
332 97.8 75.2 112.8
141 57.0 43.4 65.2



#15
2-Fluorobiphenyl
Concen: 0.312 ng
RT: 12.963 min Scan# 1310
Delta R.T. -0.025 min
Lab File: BN036749.D
Acq: 27 Mar 2025 22:15

Tgt Ion:172 Resp: 5365
Ion Ratio Lower Upper
172 100
171 36.5 29.5 44.3
170 24.3 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: BN036749.D

Acq: 27 Mar 2025 22:15

Instrument :

BNA_N

ClientSampleId :

RE132D4-20250318

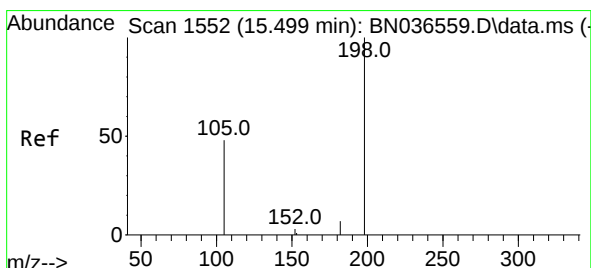
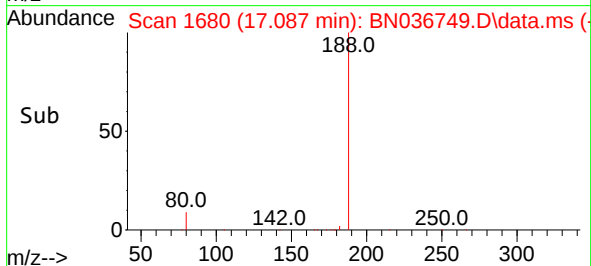
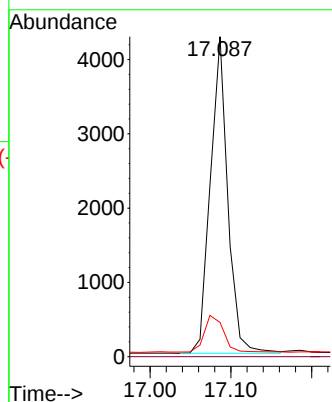
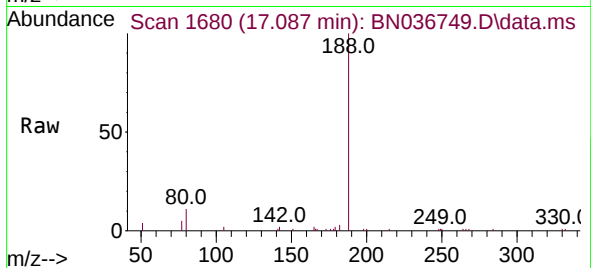
Tgt Ion:188 Resp: 6367

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.7 8.8 13.2



#20

4,6-Dinitro-2-methylphenol

Concen: 0.149 ng

RT: 15.446 min Scan# 1547

Delta R.T. -0.053 min

Lab File: BN036749.D

Acq: 27 Mar 2025 22:15

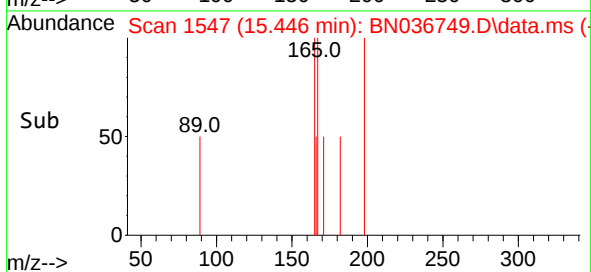
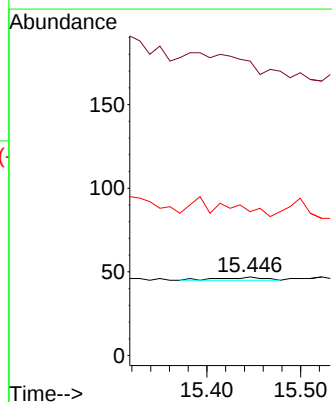
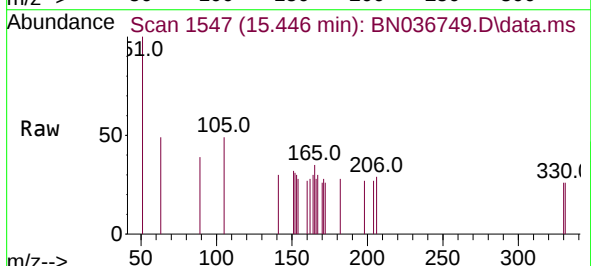
Tgt Ion:198 Resp: 6

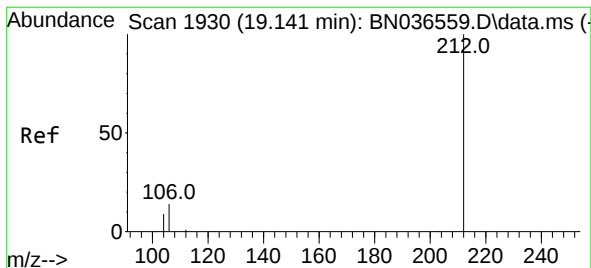
Ion Ratio Lower Upper

198 100

51 374.5 107.9 161.9#

105 183.0 56.2 84.2#





#27

Fluoranthene-d10

Concen: 0.480 ng

RT: 19.118 min Scan# 19

Delta R.T. -0.023 min

Lab File: BN036749.D

Acq: 27 Mar 2025 22:15

Instrument :

BNA_N

ClientSampleId :

RE132D4-20250318

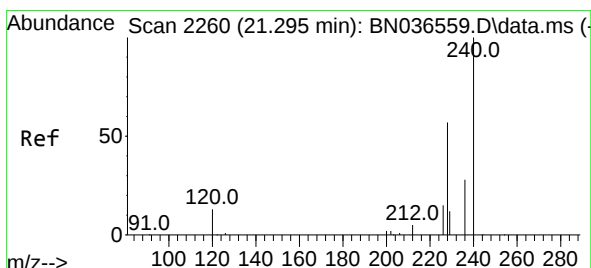
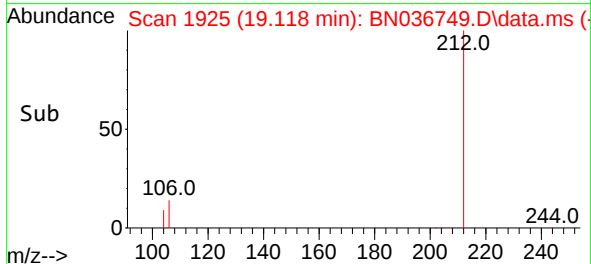
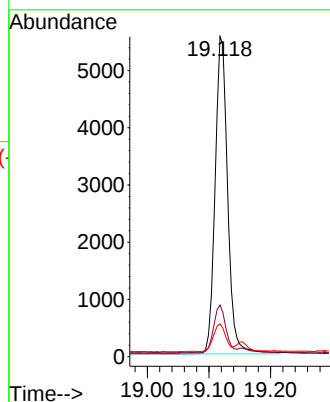
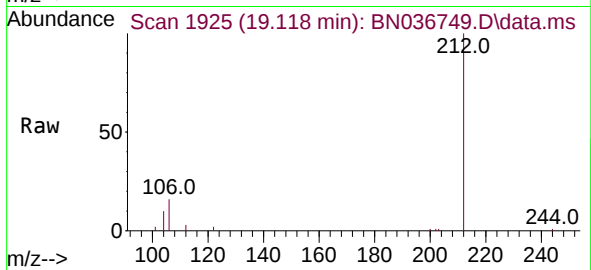
Tgt Ion:212 Resp: 7825

Ion Ratio Lower Upper

212 100

106 14.6 11.8 17.6

104 8.4 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: BN036749.D

Acq: 27 Mar 2025 22:15

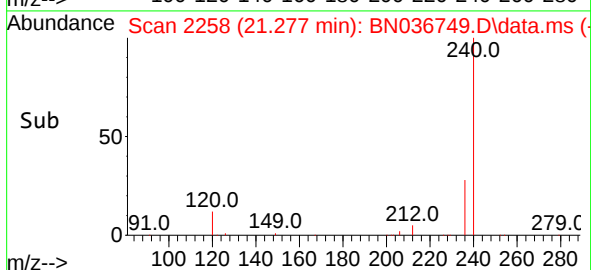
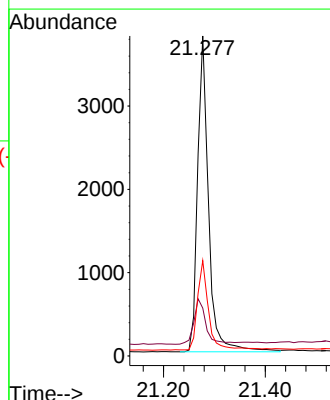
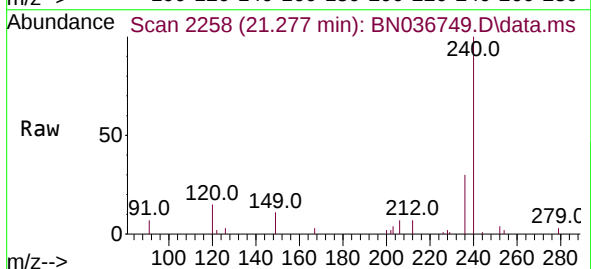
Tgt Ion:240 Resp: 5663

Ion Ratio Lower Upper

240 100

120 14.9 14.6 22.0

236 29.8 24.1 36.1

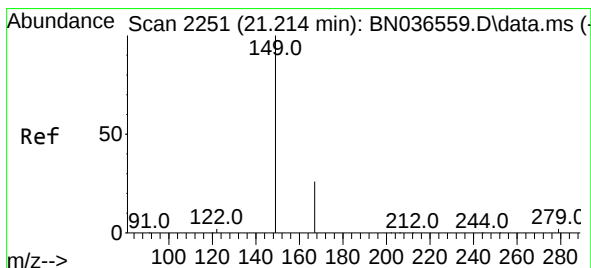
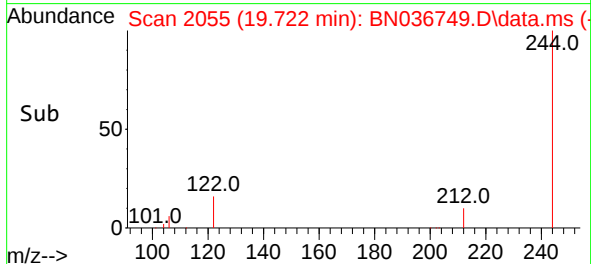
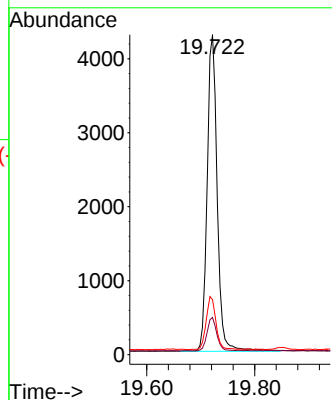
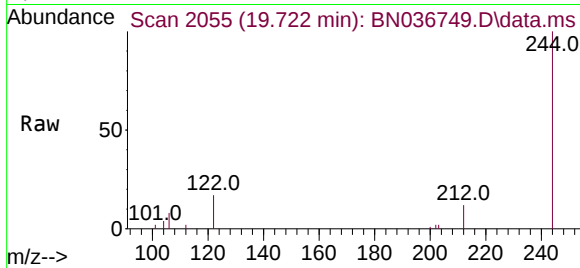




#31
 Terphenyl-d14
 Concen: 0.406 ng
 RT: 19.722 min Scan# 2060
 Delta R.T. -0.023 min
 Lab File: BN036749.D
 Acq: 27 Mar 2025 22:15

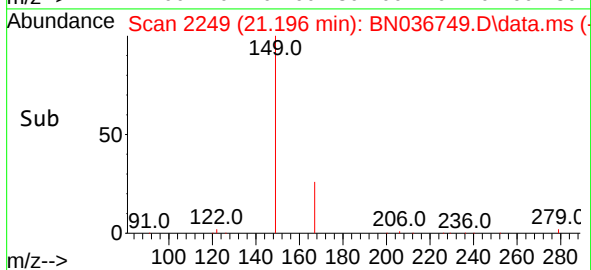
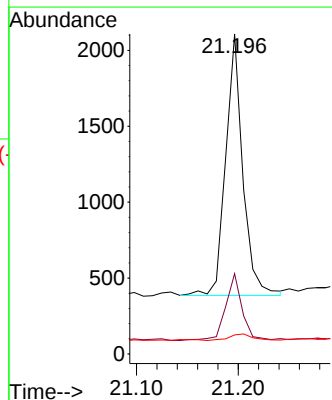
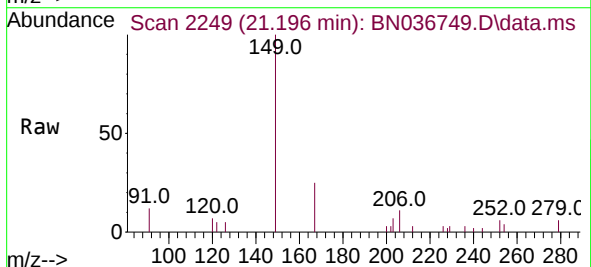
Instrument :
 BNA_N
 ClientSampleId :
 RE132D4-20250318

Tgt Ion:244 Resp: 5510
 Ion Ratio Lower Upper
 244 100
 212 11.6 9.6 14.4
 122 17.2 13.9 20.9



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.143 ng
 RT: 21.196 min Scan# 2249
 Delta R.T. -0.018 min
 Lab File: BN036749.D
 Acq: 27 Mar 2025 22:15

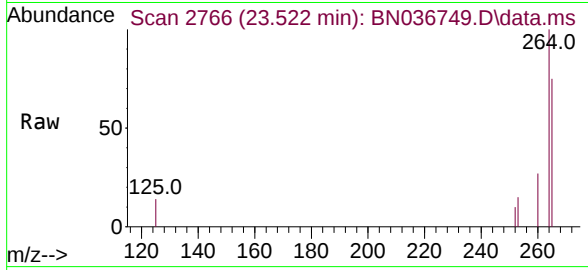
Tgt Ion:149 Resp: 2009
 Ion Ratio Lower Upper
 149 100
 167 25.0 20.7 31.1
 279 3.5 3.6 5.4#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.522 min Scan# 21
 Delta R.T. -0.032 min
 Lab File: BN036749.D
 Acq: 27 Mar 2025 22:15

Instrument :
 BNA_N
 ClientSampleId :
 RE132D4-20250318



Tgt Ion:264 Resp: 4996

Ion	Ratio	Lower	Upper
264	100		
260	27.5	22.6	33.8
265	74.6	88.1	132.1#

