

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031725\
 Data File : BN036676.D
 Acq On : 18 Mar 2025 01:51
 Operator : RC/JU
 Sample : Q1582-13
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT191D1-20250314

Quant Time: Mar 18 02:39:38 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)

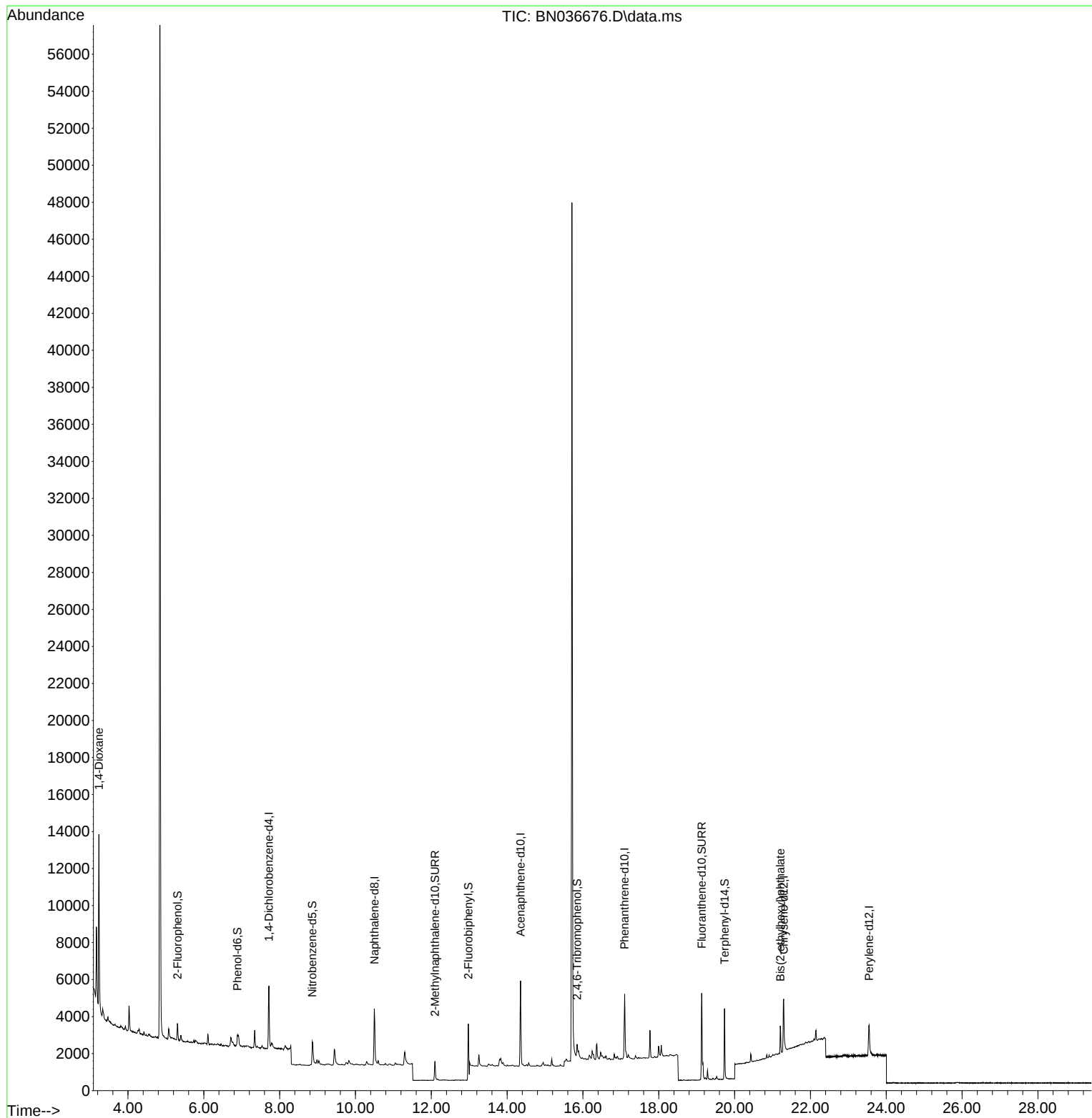
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	1725	0.400	ng	0.00
7) Naphthalene-d8	10.498	136	4299	0.400	ng	-0.01
13) Acenaphthene-d10	14.355	164	2552	0.400	ng	-0.01
19) Phenanthrene-d10	17.099	188	5075	0.400	ng	#-0.01
29) Chrysene-d12	21.295	240	3524	0.400	ng	0.00
35) Perylene-d12	23.546	264	2792	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.305	112	673	0.167	ng	0.00
5) Phenol-d6	6.887	99	500	0.101	ng	-0.01
8) Nitrobenzene-d5	8.865	82	1390	0.297	ng	-0.01
11) 2-Methylnaphthalene-d10	12.096	152	1627	0.254	ng	-0.02
14) 2,4,6-Tribromophenol	15.845	330	428	0.370	ng	-0.01
15) 2-Fluorobiphenyl	12.978	172	4363	0.294	ng	-0.01
27) Fluoranthene-d10	19.132	212	5552	0.427	ng	0.00
31) Terphenyl-d14	19.736	244	3882	0.460	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.232	88	4735	2.474	ng	# 90
34) Bis(2-ethylhexyl)phtha...	21.205	149	1539	0.176	ng	# 96

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

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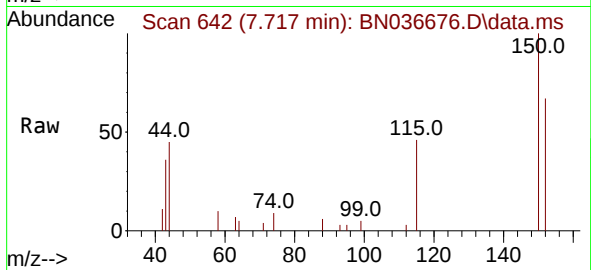
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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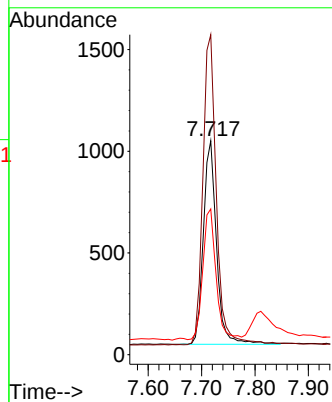
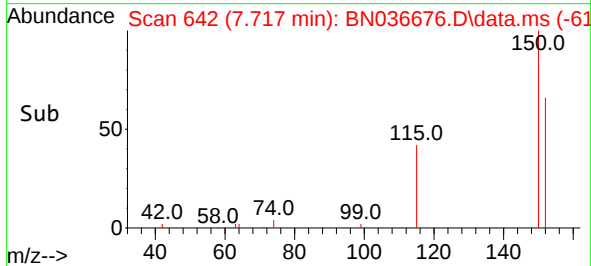


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.717 min Scan# 64
 Delta R.T. -0.007 min
 Lab File: BN036676.D
 Acq: 18 Mar 2025 01:51

Instrument :
 BNA_N
 ClientSampleId :
 TT191D1-20250314

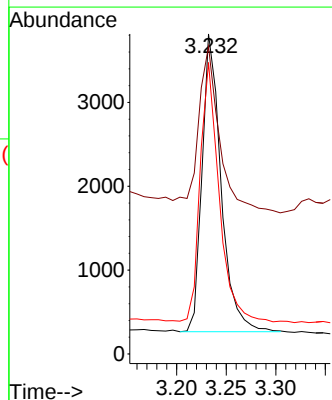
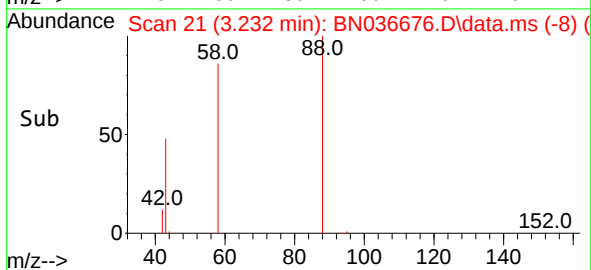
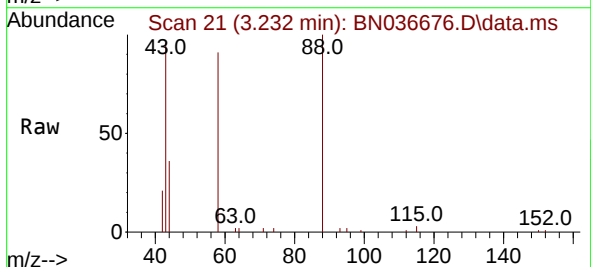


Tgt Ion:152 Resp: 1725
 Ion Ratio Lower Upper
 152 100
 150 149.5 123.7 185.5
 115 68.2 54.3 81.5



#2
 1,4-Dioxane
 Concen: 2.474 ng
 RT: 3.232 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BN036676.D
 Acq: 18 Mar 2025 01:51

Tgt Ion: 88 Resp: 4735
 Ion Ratio Lower Upper
 88 100
 43 63.3 37.8 56.8#
 58 86.7 67.4 101.2

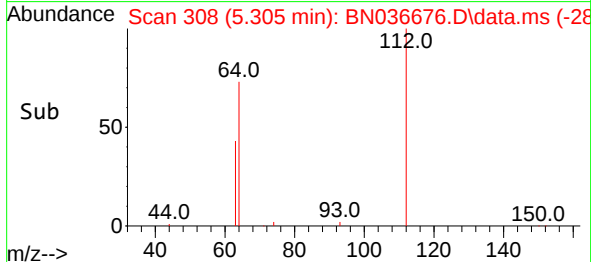
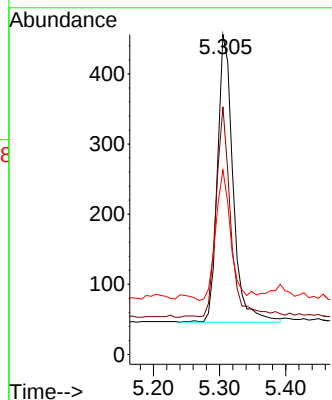
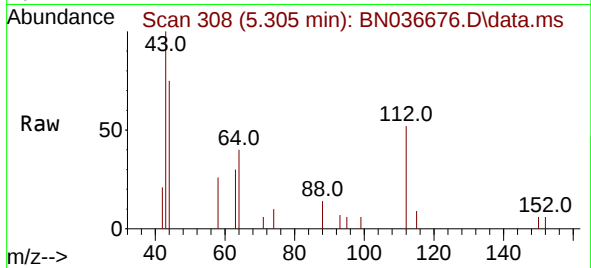




#4
2-Fluorophenol
Concen: 0.167 ng
RT: 5.305 min Scan# 309
Delta R.T. -0.007 min
Lab File: BN036676.D
Acq: 18 Mar 2025 01:51

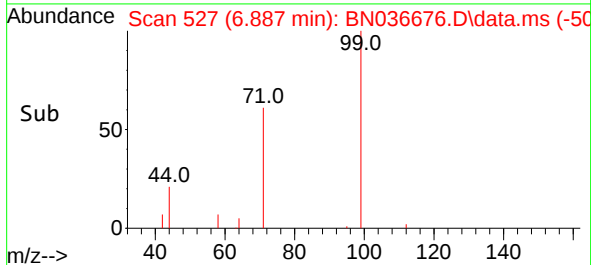
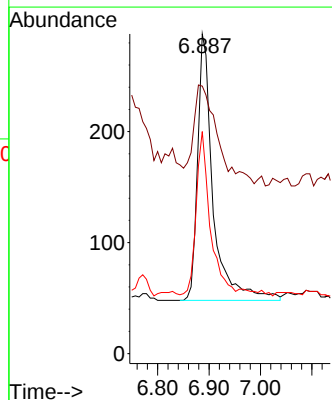
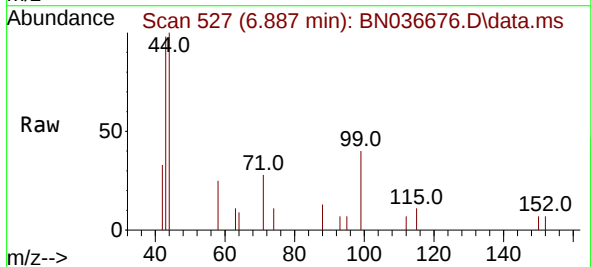
Instrument :
BNA_N
ClientSampleId :
TT191D1-20250314

Tgt Ion:112 Resp: 673
Ion Ratio Lower Upper
112 100
64 67.6 53.1 79.7
63 44.1 31.8 47.8



#5
Phenol-d6
Concen: 0.101 ng
RT: 6.887 min Scan# 527
Delta R.T. -0.014 min
Lab File: BN036676.D
Acq: 18 Mar 2025 01:51

Tgt Ion: 99 Resp: 500
Ion Ratio Lower Upper
99 100
42 57.2 26.5 39.7#
71 55.0 34.1 51.1#

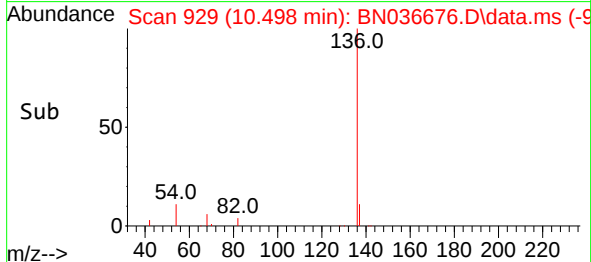
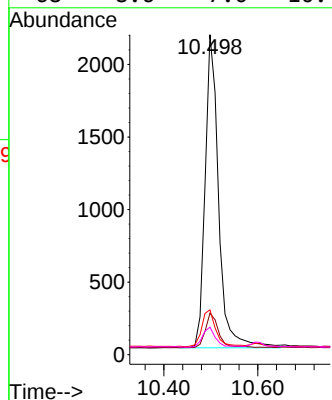
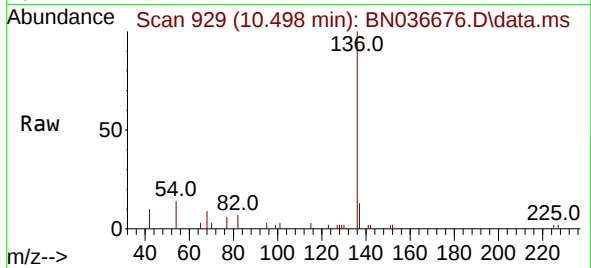




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.498 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN036676.D
Acq: 18 Mar 2025 01:51

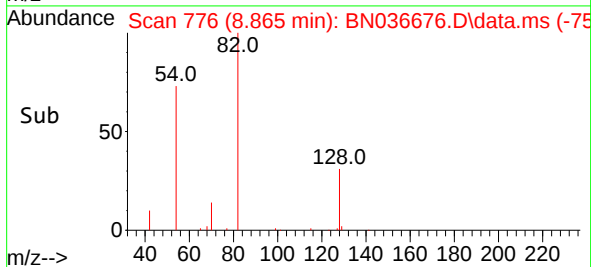
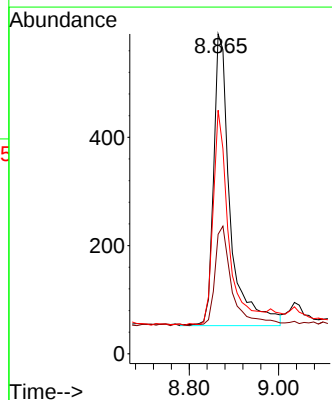
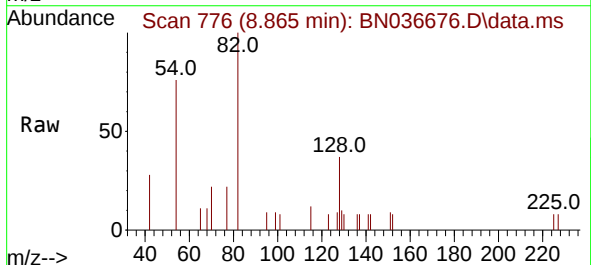
Instrument :
BNA_N
ClientSampleId :
TT191D1-20250314

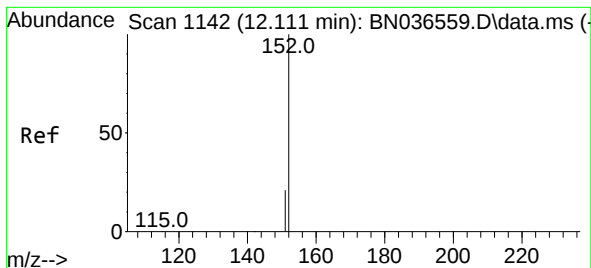
Tgt Ion:	136	Resp:	4299
Ion	Ratio	Lower	Upper
136	100		
137	13.0	10.3	15.5
54	14.0	11.5	17.3
68	8.6	7.0	10.4



#8
Nitrobenzene-d5
Concen: 0.297 ng
RT: 8.865 min Scan# 776
Delta R.T. -0.011 min
Lab File: BN036676.D
Acq: 18 Mar 2025 01:51

Tgt Ion:	82	Resp:	1390
Ion	Ratio	Lower	Upper
82	100		
128	37.4	30.6	45.8
54	76.1	52.2	78.4

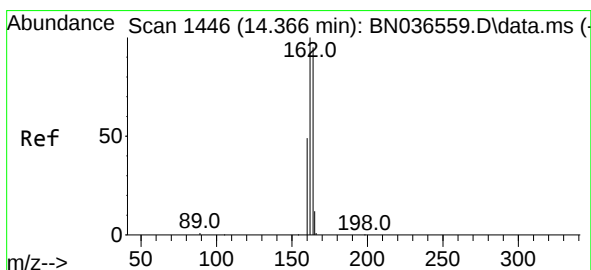
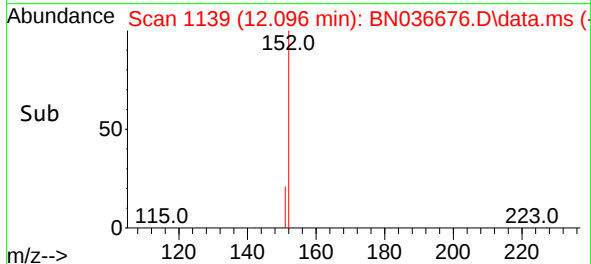
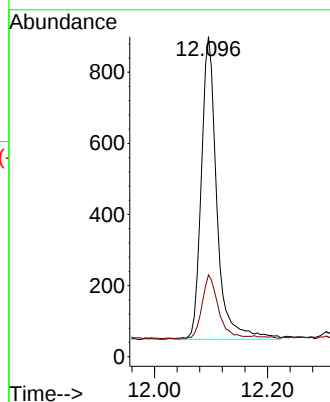
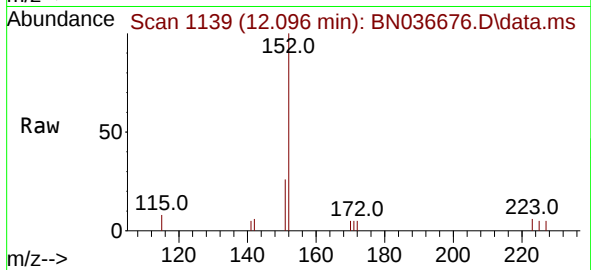




#11
2-Methylnaphthalene-d10
Concen: 0.254 ng
RT: 12.096 min Scan# 1142
Delta R.T. -0.015 min
Lab File: BN036676.D
Acq: 18 Mar 2025 01:51

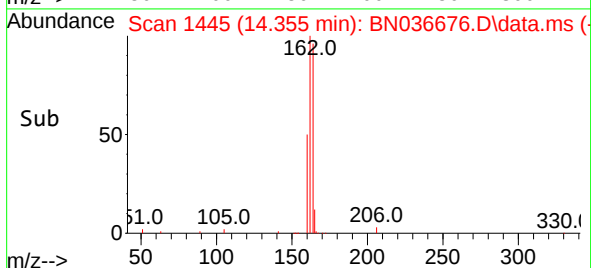
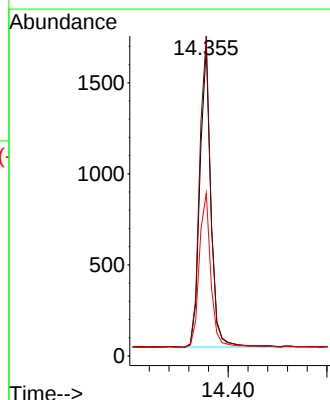
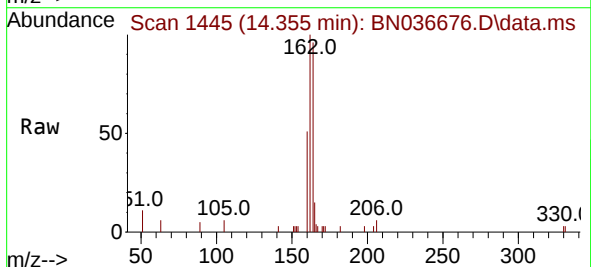
Instrument :
BNA_N
ClientSampleId :
TT191D1-20250314

Tgt Ion:152 Resp: 1627
Ion Ratio Lower Upper
152 100
151 22.1 17.0 25.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.355 min Scan# 1445
Delta R.T. -0.011 min
Lab File: BN036676.D
Acq: 18 Mar 2025 01:51

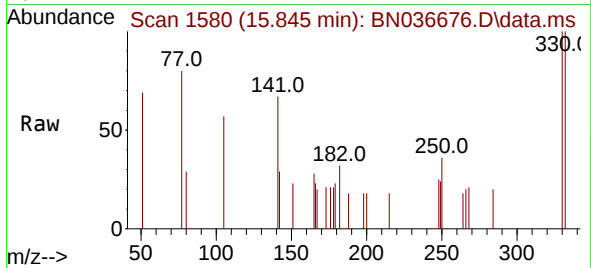
Tgt Ion:164 Resp: 2552
Ion Ratio Lower Upper
164 100
162 103.7 84.2 126.2
160 52.7 42.2 63.2



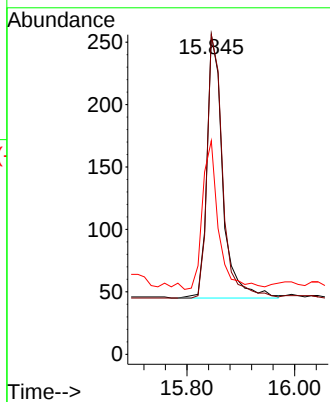
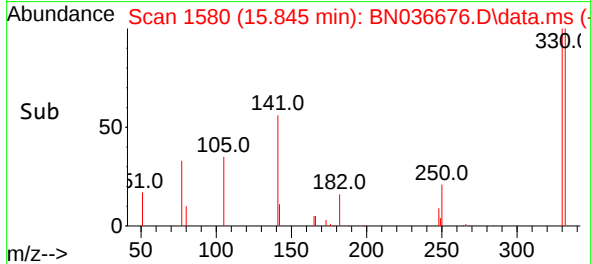


#14
2,4,6-Tribromophenol
Concen: 0.370 ng
RT: 15.845 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN036676.D
Acq: 18 Mar 2025 01:51

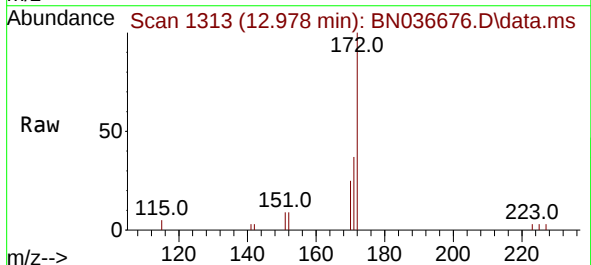
Instrument :
BNA_N
ClientSampleId :
TT191D1-20250314



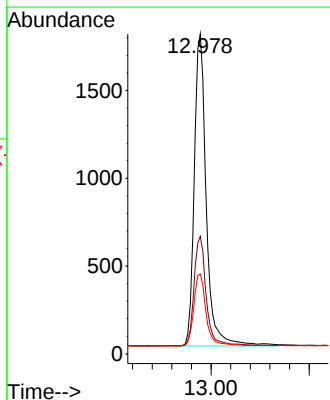
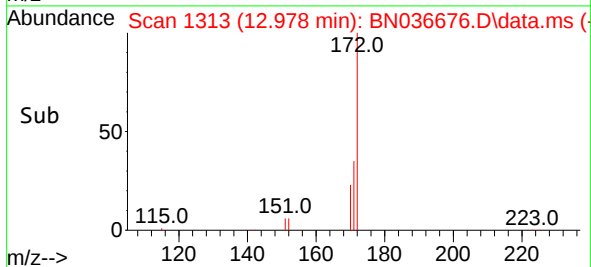
Tgt Ion:330 Resp: 428
Ion Ratio Lower Upper
330 100
332 98.4 75.2 112.8
141 57.7 43.4 65.2



#15
2-Fluorobiphenyl
Concen: 0.294 ng
RT: 12.978 min Scan# 1313
Delta R.T. -0.010 min
Lab File: BN036676.D
Acq: 18 Mar 2025 01:51



Tgt Ion:172 Resp: 4363
Ion Ratio Lower Upper
172 100
171 36.7 29.5 44.3
170 25.0 20.2 30.4

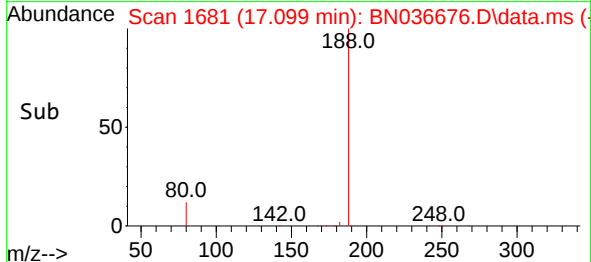
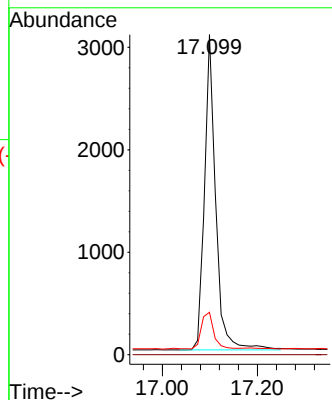
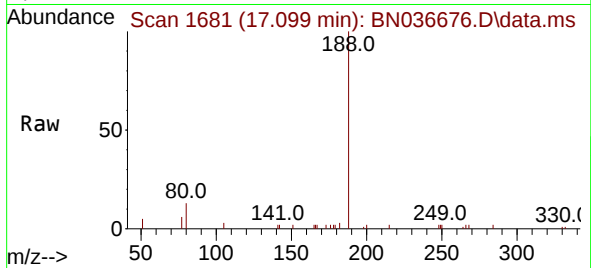




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.099 min Scan# 1681
Delta R.T. -0.012 min
Lab File: BN036676.D
Acq: 18 Mar 2025 01:51

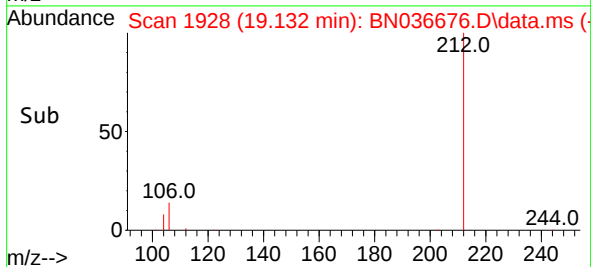
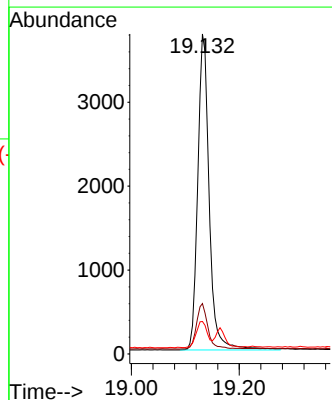
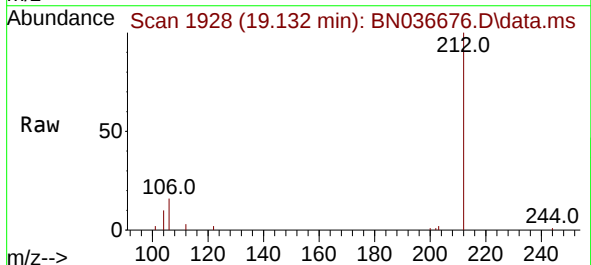
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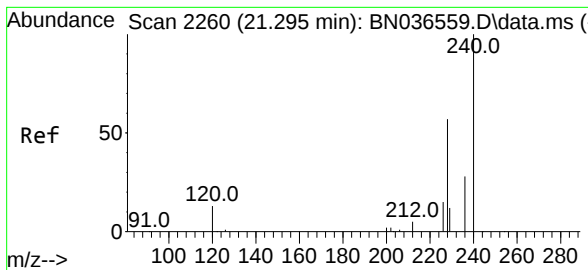
Tgt Ion:188 Resp: 5075
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.2 8.8 13.2#



#27
Fluoranthene-d10
Concen: 0.427 ng
RT: 19.132 min Scan# 1928
Delta R.T. -0.009 min
Lab File: BN036676.D
Acq: 18 Mar 2025 01:51

Tgt Ion:212 Resp: 5552
Ion Ratio Lower Upper
212 100
106 14.4 11.8 17.6
104 8.3 7.3 10.9





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.295 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN036676.D

Acq: 18 Mar 2025 01:51

Instrument :

BNA_N

ClientSampleId :

TT191D1-20250314

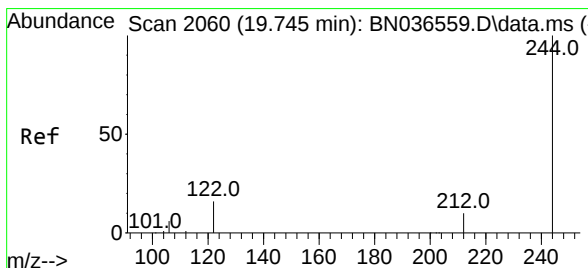
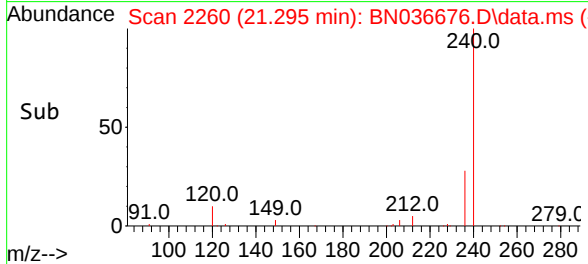
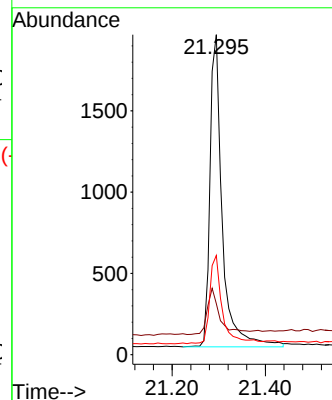
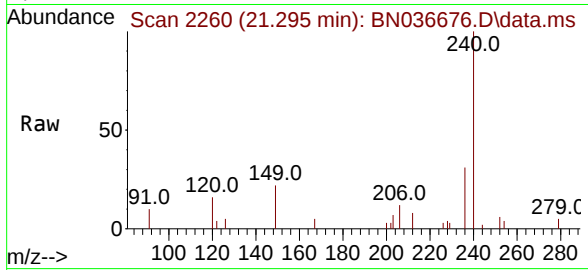
Tgt Ion:240 Resp: 3524

Ion Ratio Lower Upper

240 100

120 15.9 14.6 22.0

236 31.0 24.1 36.1



#31

Terphenyl-d14

Concen: 0.460 ng

RT: 19.736 min Scan# 2058

Delta R.T. -0.009 min

Lab File: BN036676.D

Acq: 18 Mar 2025 01:51

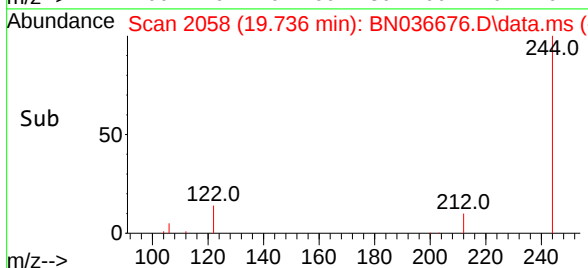
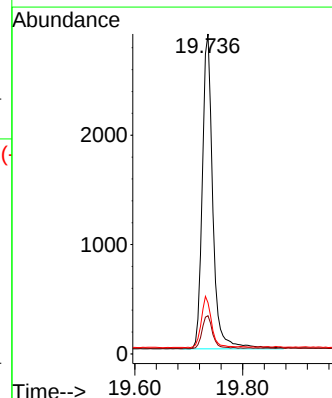
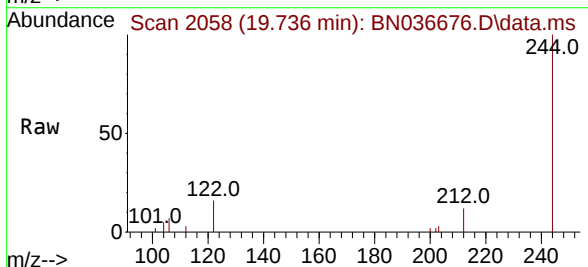
Tgt Ion:244 Resp: 3882

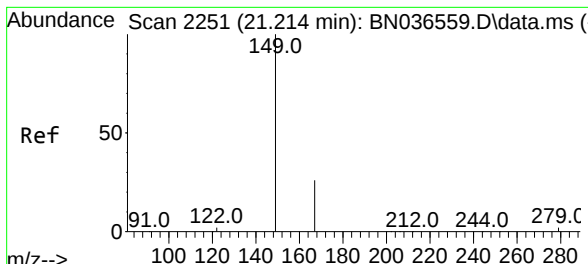
Ion Ratio Lower Upper

244 100

212 11.9 9.6 14.4

122 16.0 13.9 20.9



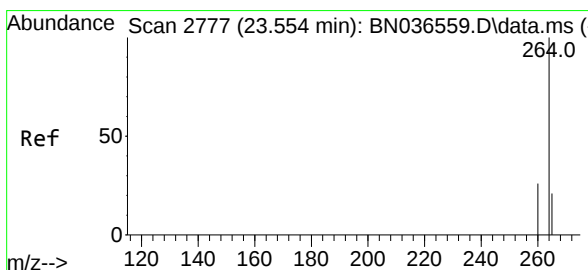
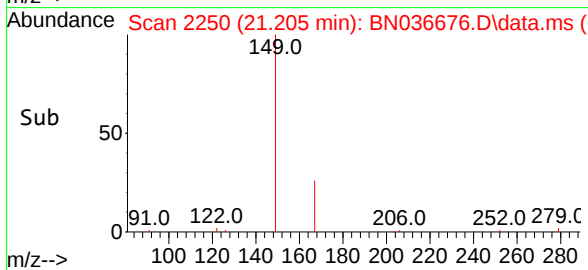
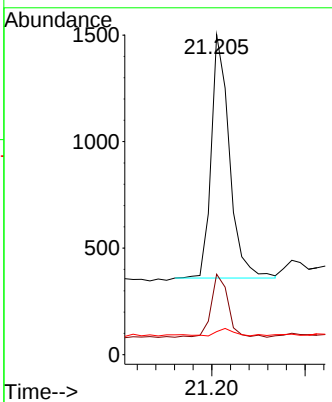
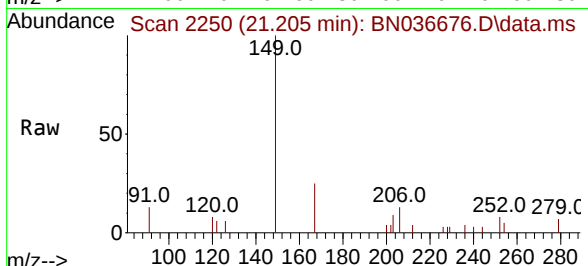


#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.176 ng
 RT: 21.205 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN036676.D
 Acq: 18 Mar 2025 01:51

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Tgt Ion:149 Resp: 1539

Ion	Ratio	Lower	Upper
149	100		
167	24.2	20.7	31.1
279	2.7	3.6	5.4



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.546 min Scan# 2774
 Delta R.T. -0.009 min
 Lab File: BN036676.D
 Acq: 18 Mar 2025 01:51

Tgt Ion:264 Resp: 2792

Ion	Ratio	Lower	Upper
264	100		
260	27.2	22.6	33.8
265	105.1	88.1	132.1

