

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091925\
 Data File : BN037816.D
 Acq On : 19 Sep 2025 16:08
 Operator : RC/JU
 Sample : Q3083-03DL 2X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 19 16:56:10 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 14:20:01 2025
 Response via : Initial Calibration

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

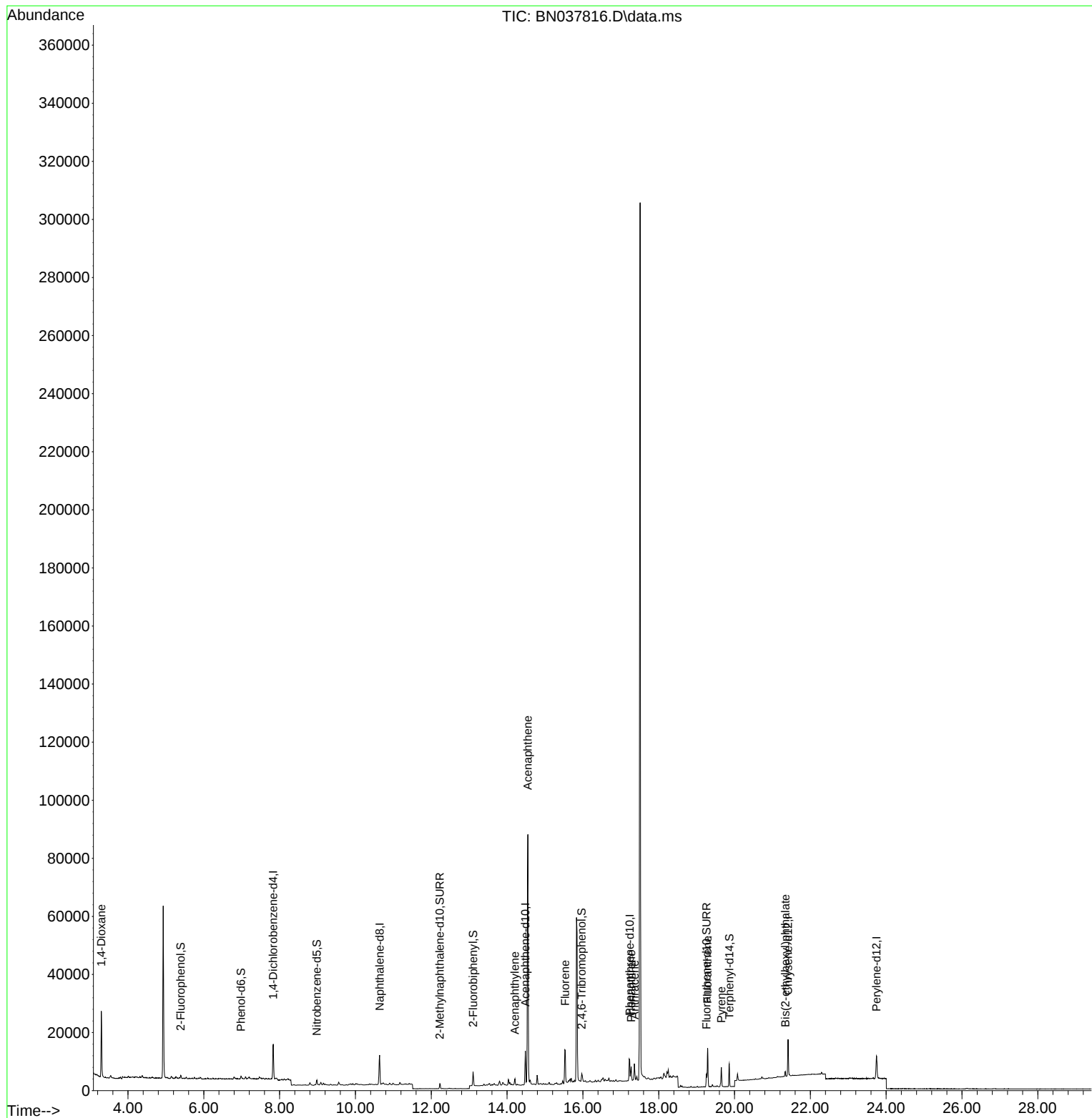
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.832	152	5937	0.400	ng	0.00
7) Naphthalene-d8	10.637	136	13519	0.400	ng	-0.01
13) Acenaphthene-d10	14.484	164	6156	0.400	ng	-0.01
19) Phenanthrene-d10	17.235	188	11729	0.400	ng	# 0.00
29) Chrysene-d12	21.411	240	10935	0.400	ng	# 0.00
35) Perylene-d12	23.744	264	10906	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.391	112	957	0.070	ng	0.00
5) Phenol-d6	6.980	99	885	0.050	ng	0.00
8) Nitrobenzene-d5	8.982	82	1434	0.145	ng	-0.01
11) 2-Methylnaphthalene-d10	12.227	152	2367	0.132	ng	-0.02
14) 2,4,6-Tribromophenol	15.969	330	384	0.239	ng	-0.01
15) 2-Fluorobiphenyl	13.104	172	3833	0.149	ng	-0.01
27) Fluoranthene-d10	19.262	212	4881	0.166	ng	0.00
31) Terphenyl-d14	19.861	244	7221	0.325	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.297	88	13467	2.178	ng	97
16) Acenaphthylene	14.206	152	622	0.022	ng	# 52
17) Acenaphthene	14.548	154	42996	2.252	ng	98
18) Fluorene	15.535	166	8908	0.385	ng	96
25) Phenanthrene	17.272	178	4851	0.131	ng	96
26) Anthracene	17.359	178	6194	0.189	ng	98
28) Fluoranthene	19.289	202	11726	0.290	ng	99
30) Pyrene	19.652	202	6090	0.142	ng	# 89
34) Bis(2-ethylhexyl)phtha...	21.339	149	1849	0.164	ng	98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091925\
Data File : BN037816.D
Acq On : 19 Sep 2025 16:08
Operator : RC/JU
Sample : Q3083-03DL 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

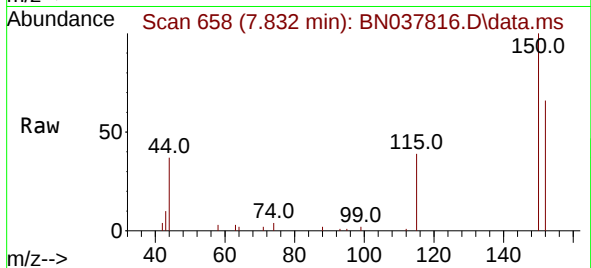
Quant Time: Sep 19 16:56:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration



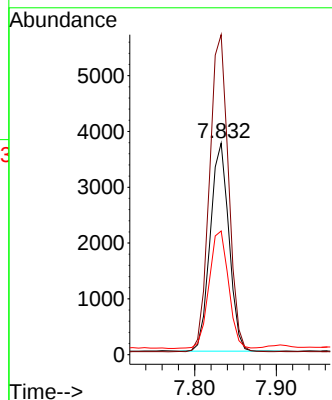
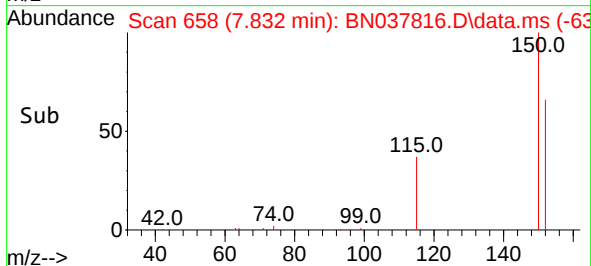


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.832 min Scan# 61
 Delta R.T. -0.008 min
 Lab File: BN037816.D
 Acq: 19 Sep 2025 16:08

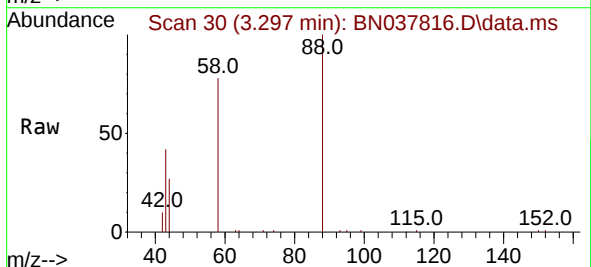
Instrument :
 BNA_N
 ClientSampleId :



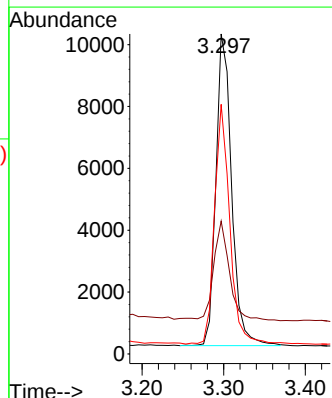
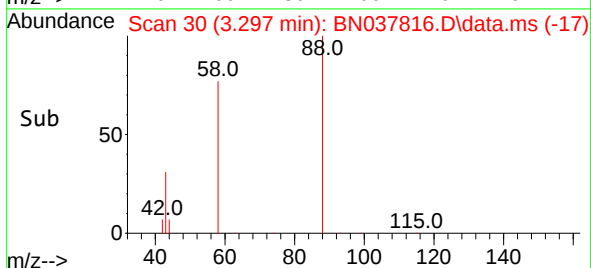
Tgt Ion:152 Resp: 5937
 Ion Ratio Lower Upper
 152 100
 150 151.3 124.5 186.7
 115 58.5 49.2 73.8



#2
 1,4-Dioxane
 Concen: 2.178 ng
 RT: 3.297 min Scan# 30
 Delta R.T. -0.008 min
 Lab File: BN037816.D
 Acq: 19 Sep 2025 16:08



Tgt Ion: 88 Resp: 13467
 Ion Ratio Lower Upper
 88 100
 43 32.7 26.8 40.2
 58 74.2 61.9 92.9

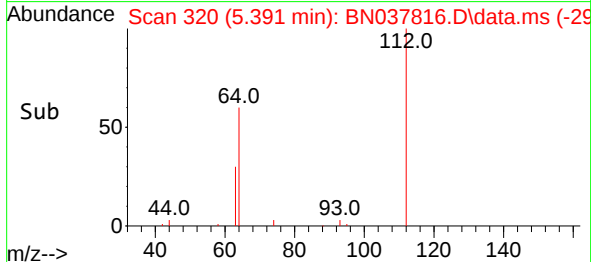
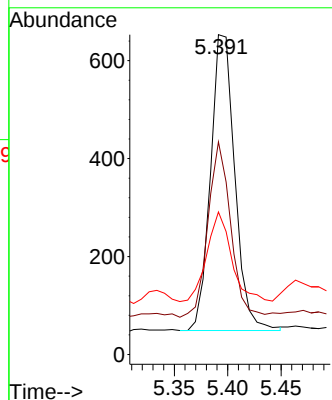
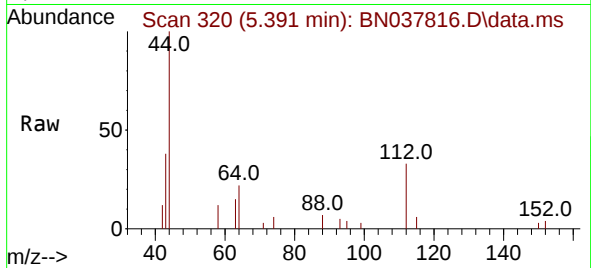




#4
2-Fluorophenol
Concen: 0.070 ng
RT: 5.391 min Scan# 31
Delta R.T. -0.008 min
Lab File: BN037816.D
Acq: 19 Sep 2025 16:08

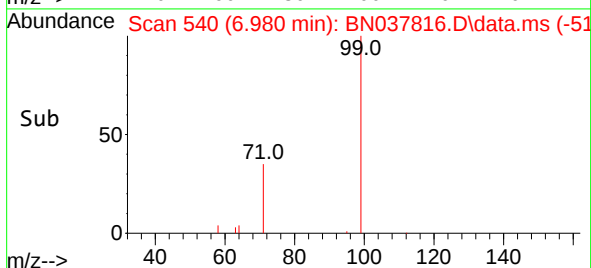
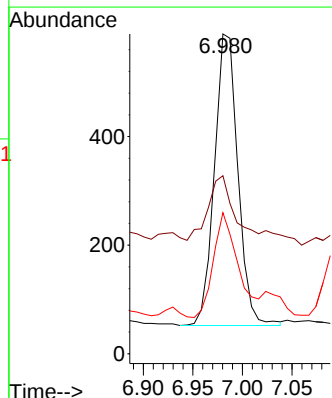
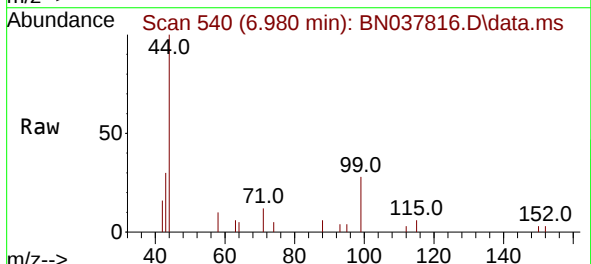
Instrument :
BNA_N
ClientSampleId :

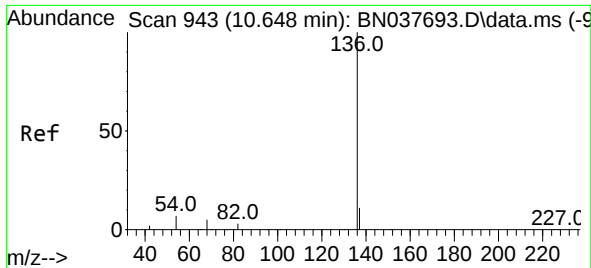
Tgt Ion:112 Resp: 957
Ion Ratio Lower Upper
112 100
64 55.4 44.9 67.3
63 30.6 24.7 37.1



#5
Phenol-d6
Concen: 0.050 ng
RT: 6.980 min Scan# 540
Delta R.T. -0.008 min
Lab File: BN037816.D
Acq: 19 Sep 2025 16:08

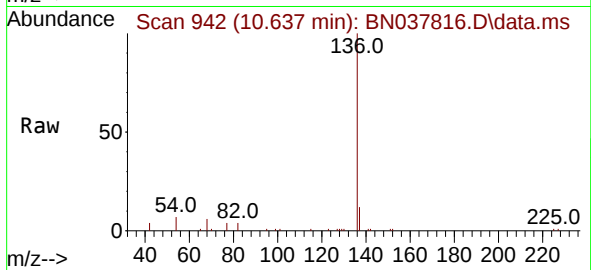
Tgt Ion: 99 Resp: 885
Ion Ratio Lower Upper
99 100
42 32.8 16.6 24.8#
71 37.9 26.7 40.1



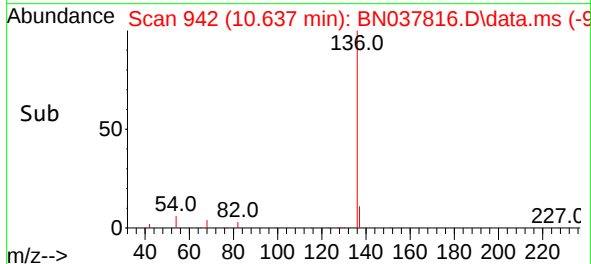
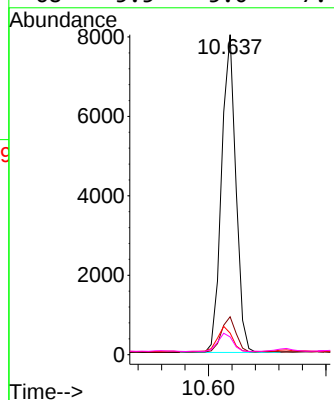


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN037816.D
Acq: 19 Sep 2025 16:08

Instrument :
BNA_N
ClientSampleId :

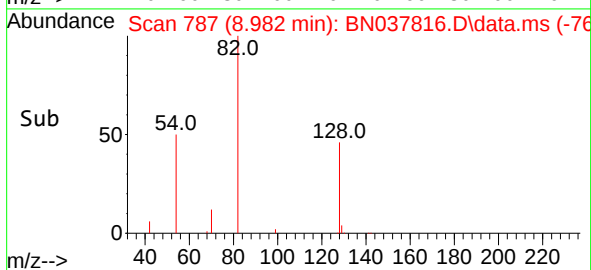
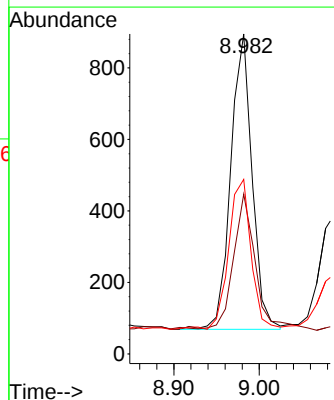
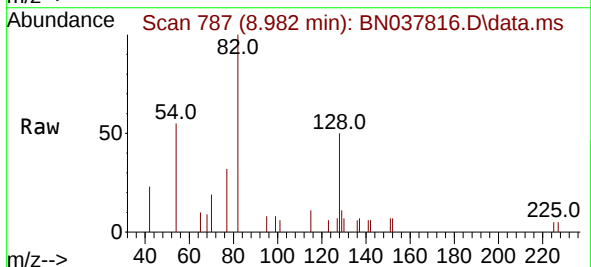


Tgt Ion:136	Resp:	13519
Ion	Ratio	Lower Upper
136	100	
137	11.8	9.1 13.7
54	6.8	6.3 9.5
68	5.5	5.0 7.4



#8
Nitrobenzene-d5
Concen: 0.145 ng
RT: 8.982 min Scan# 787
Delta R.T. -0.011 min
Lab File: BN037816.D
Acq: 19 Sep 2025 16:08

Tgt Ion: 82	Resp:	1434
Ion	Ratio	Lower Upper
82	100	
128	49.9	38.3 57.5
54	54.5	41.4 62.2

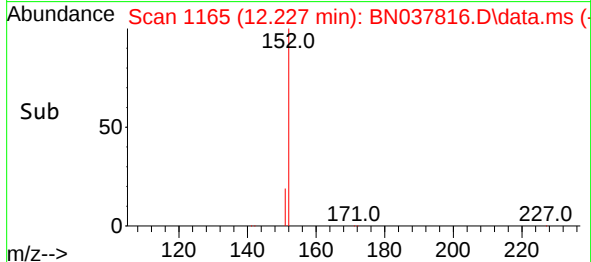
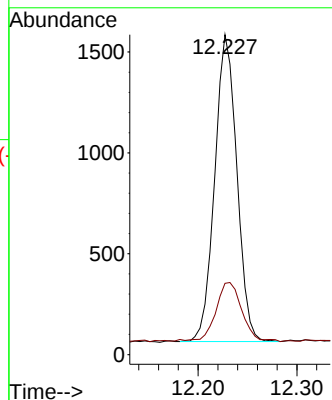
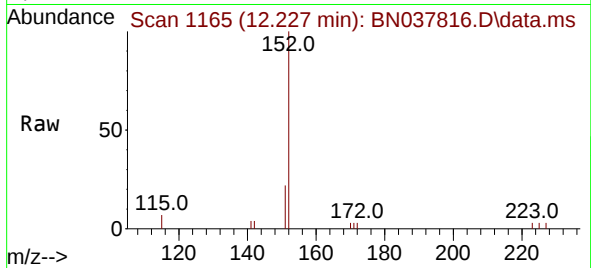




#11
2-Methylnaphthalene-d10
Concen: 0.132 ng
RT: 12.227 min Scan# 1165
Delta R.T. -0.016 min
Lab File: BN037816.D
Acq: 19 Sep 2025 16:08

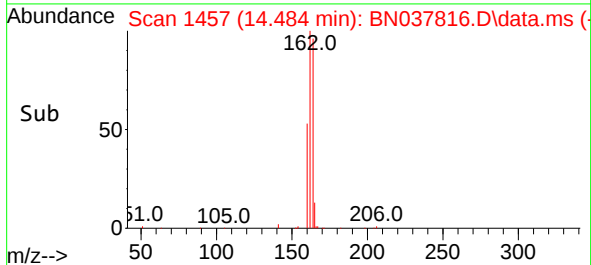
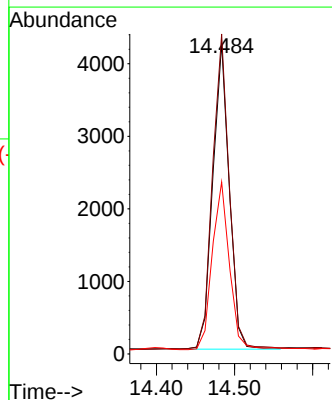
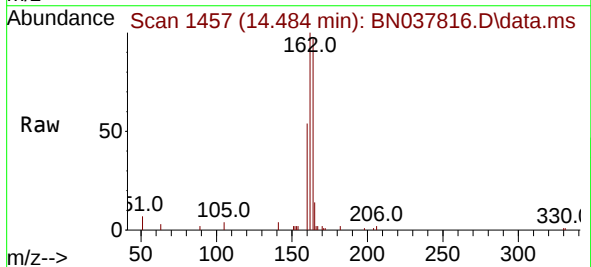
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 2367
Ion Ratio Lower Upper
152 100
151 22.3 17.0 25.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.484 min Scan# 1457
Delta R.T. -0.011 min
Lab File: BN037816.D
Acq: 19 Sep 2025 16:08

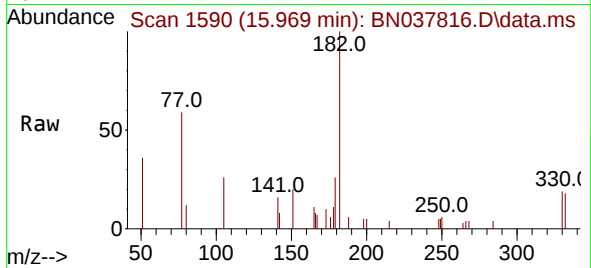
Tgt Ion:164 Resp: 6156
Ion Ratio Lower Upper
164 100
162 103.0 83.1 124.7
160 55.4 44.3 66.5



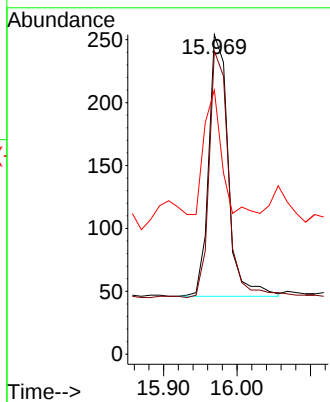
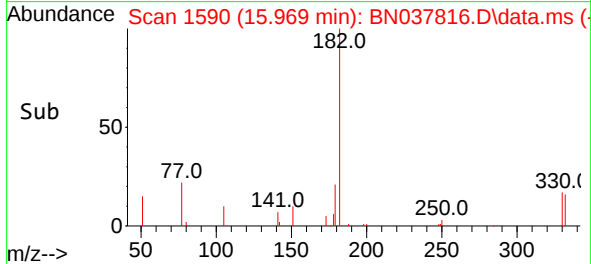


#14
2,4,6-Tribromophenol
Concen: 0.239 ng
RT: 15.969 min Scan# 1590
Delta R.T. -0.013 min
Lab File: BN037816.D
Acq: 19 Sep 2025 16:08

Instrument :
BNA_N
ClientSampleId :

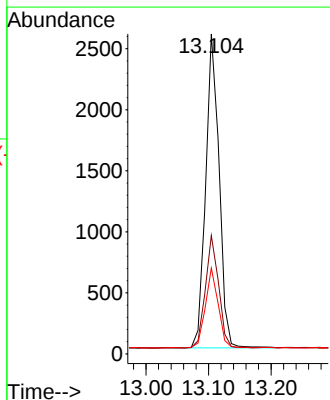
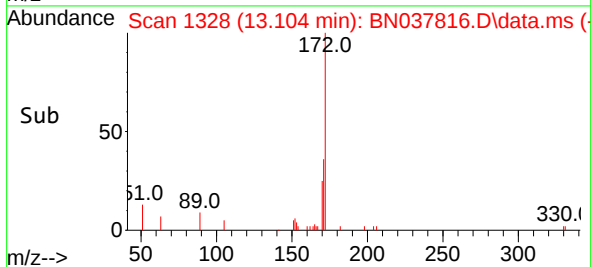
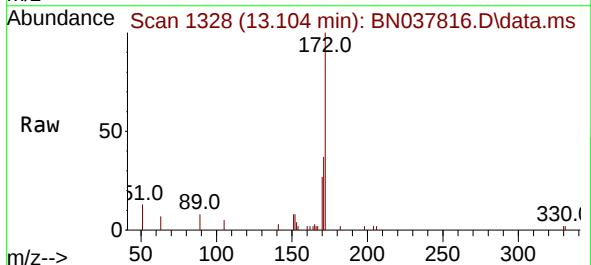


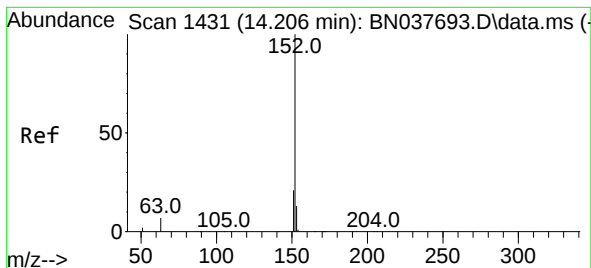
Tgt Ion:330 Resp: 384
Ion Ratio Lower Upper
330 100
332 95.3 75.3 112.9
141 54.4 35.0 52.4#



#15
2-Fluorobiphenyl
Concen: 0.149 ng
RT: 13.104 min Scan# 1328
Delta R.T. -0.011 min
Lab File: BN037816.D
Acq: 19 Sep 2025 16:08

Tgt Ion:172 Resp: 3833
Ion Ratio Lower Upper
172 100
171 37.0 28.6 43.0
170 26.8 19.8 29.8





#16

Acenaphthylene

Concen: 0.022 ng

RT: 14.206 min Scan# 1431

Delta R.T. -0.000 min

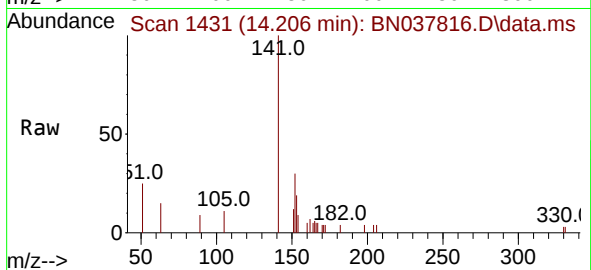
Lab File: BN037816.D

Acq: 19 Sep 2025 16:08

Instrument :

BNA_N

ClientSampleId :



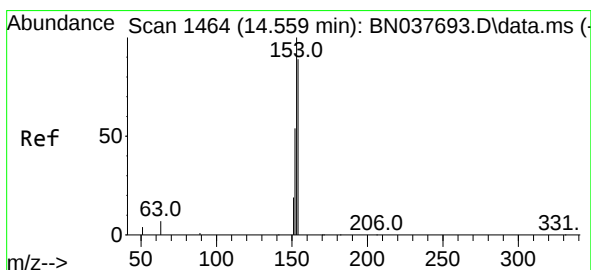
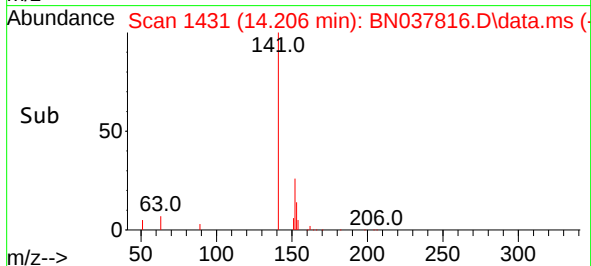
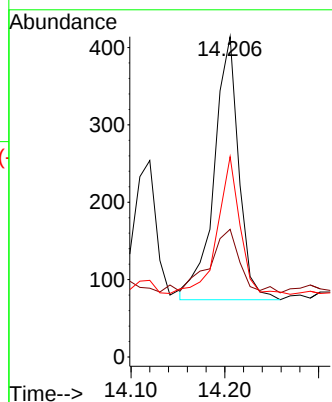
Tgt Ion:152 Resp: 622

Ion	Ratio	Lower	Upper
-----	-------	-------	-------

152	100		
-----	-----	--	--

151	30.9	16.2	24.2#
-----	------	------	-------

153	47.9	10.4	15.6#
-----	------	------	-------



#17

Acenaphthene

Concen: 2.252 ng

RT: 14.548 min Scan# 1463

Delta R.T. -0.011 min

Lab File: BN037816.D

Acq: 19 Sep 2025 16:08

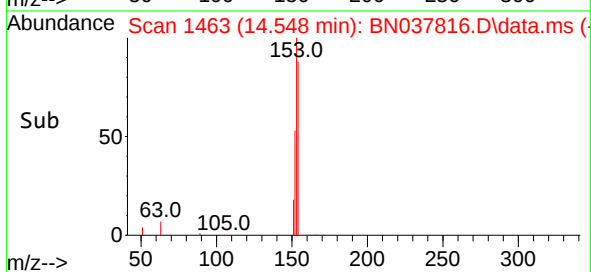
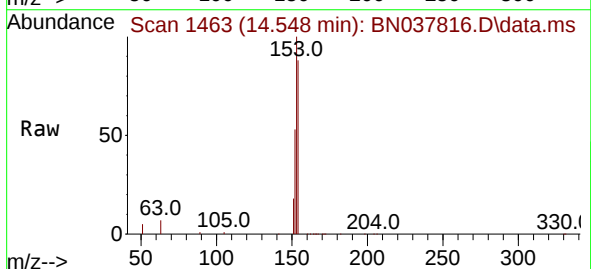
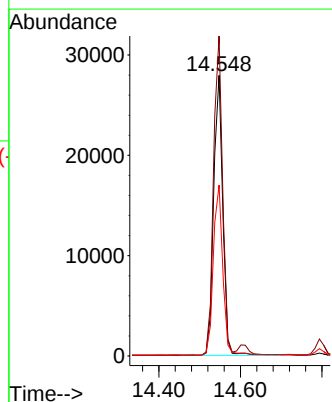
Tgt Ion:154 Resp: 42996

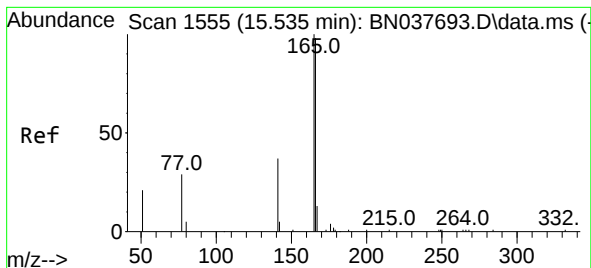
Ion	Ratio	Lower	Upper
-----	-------	-------	-------

154	100		
-----	-----	--	--

153	114.4	89.8	134.8
-----	-------	------	-------

152	63.6	50.2	75.2
-----	------	------	------





#18

Fluorene

Concen: 0.385 ng

RT: 15.535 min Scan# 1555

Delta R.T. -0.000 min

Lab File: BN037816.D

Acq: 19 Sep 2025 16:08

Instrument :

BNA_N

ClientSampleId :

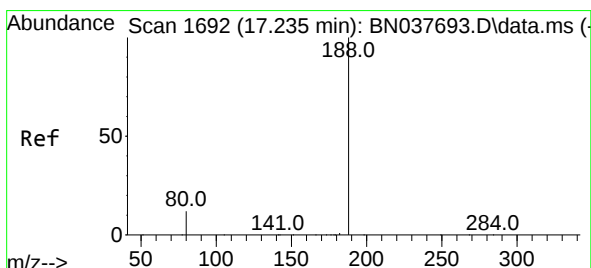
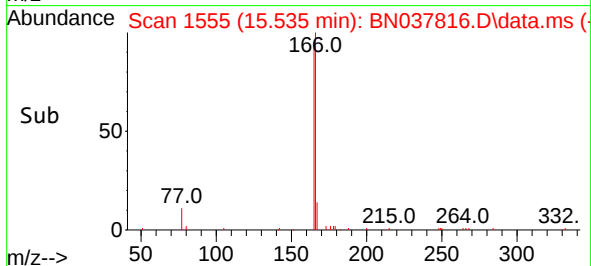
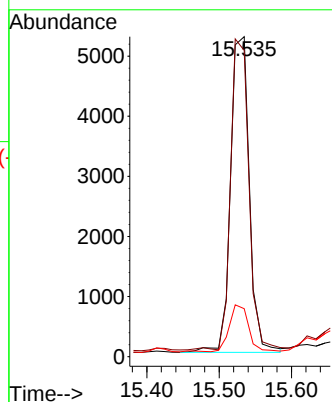
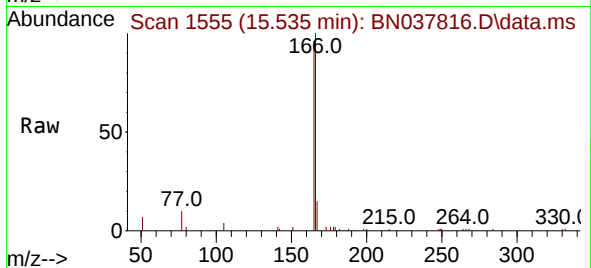
Tgt Ion:166 Resp: 8908

Ion Ratio Lower Upper

166 100

165 96.0 79.6 119.4

167 15.8 10.6 16.0



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.235 min Scan# 1692

Delta R.T. -0.000 min

Lab File: BN037816.D

Acq: 19 Sep 2025 16:08

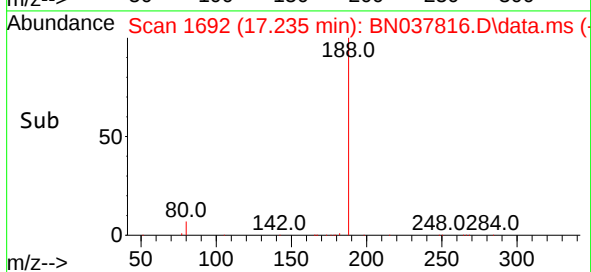
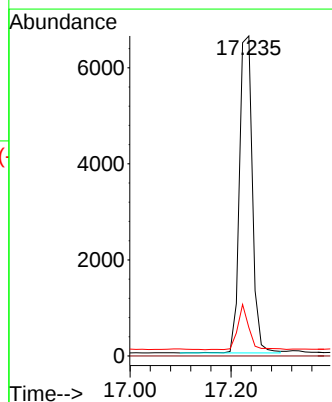
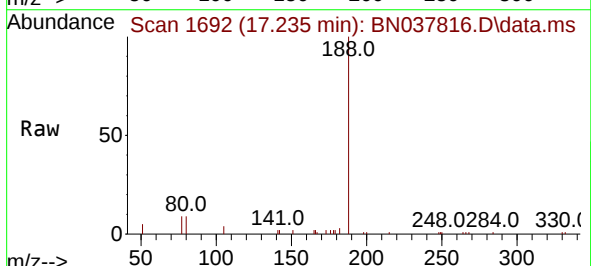
Tgt Ion:188 Resp: 11729

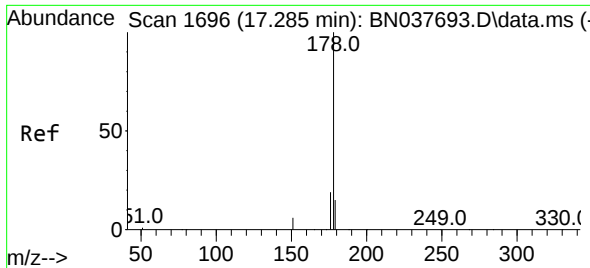
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.9 10.6 15.8#

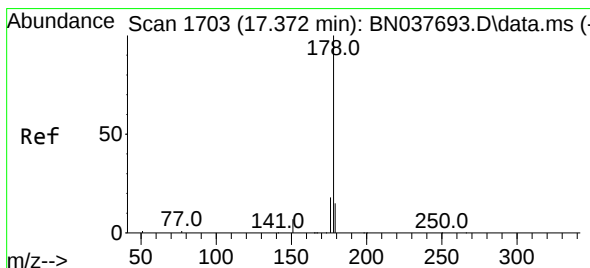
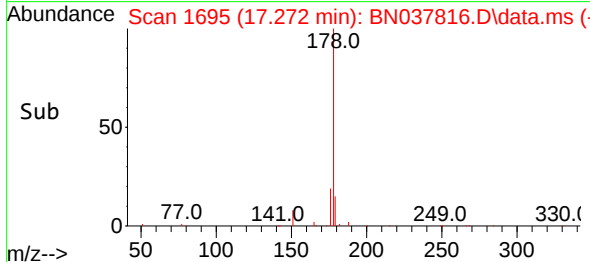
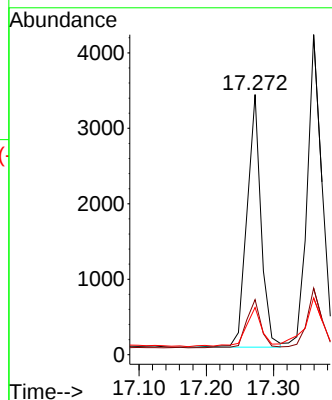
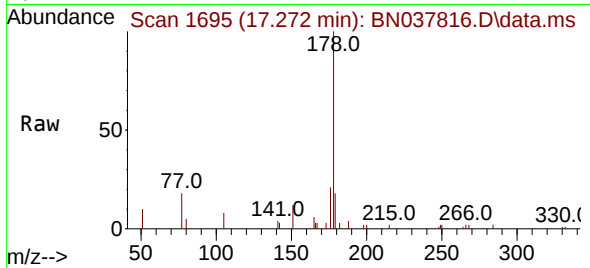




#25
 Phenanthrene
 Concen: 0.131 ng
 RT: 17.272 min Scan# 1702
 Delta R.T. -0.013 min
 Lab File: BN037816.D
 Acq: 19 Sep 2025 16:08

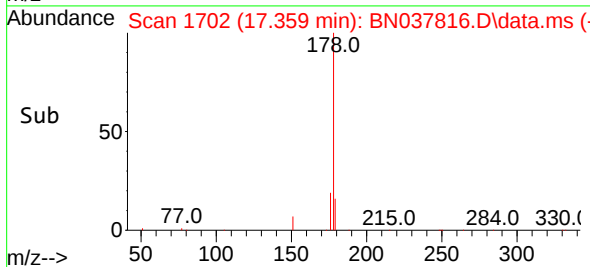
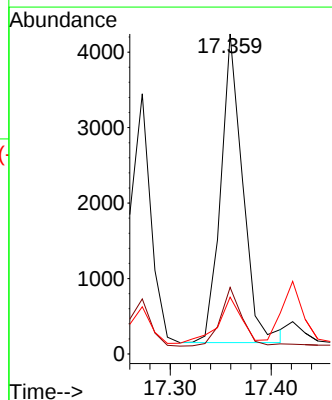
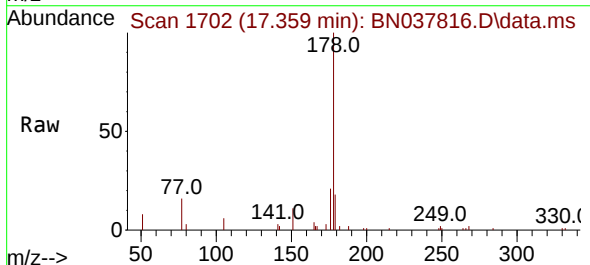
Instrument :
 BNA_N
 ClientSampleId :

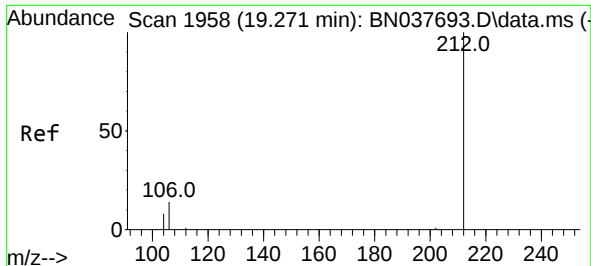
Tgt Ion:178 Resp: 4851
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.3 22.9
 179 18.0 12.2 18.2



#26
 Anthracene
 Concen: 0.189 ng
 RT: 17.359 min Scan# 1702
 Delta R.T. -0.013 min
 Lab File: BN037816.D
 Acq: 19 Sep 2025 16:08

Tgt Ion:178 Resp: 6194
 Ion Ratio Lower Upper
 178 100
 176 19.4 14.6 22.0
 179 16.0 12.2 18.4

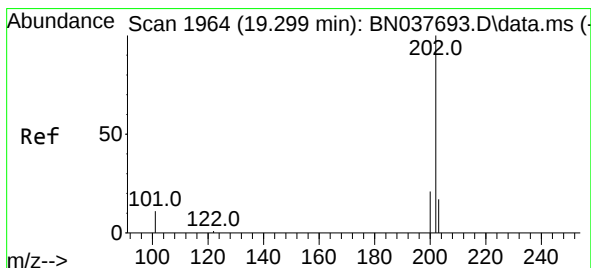
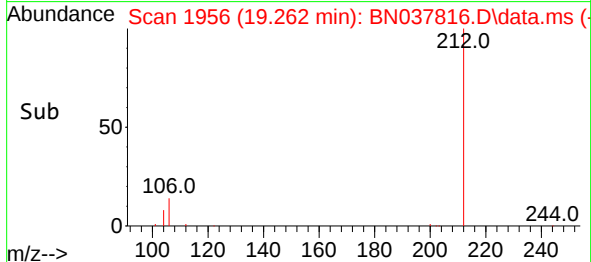
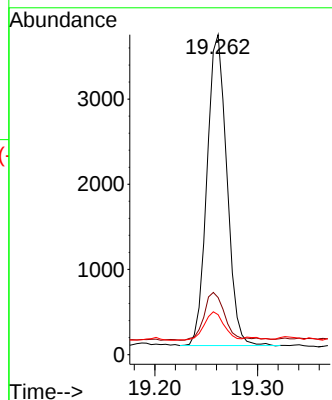
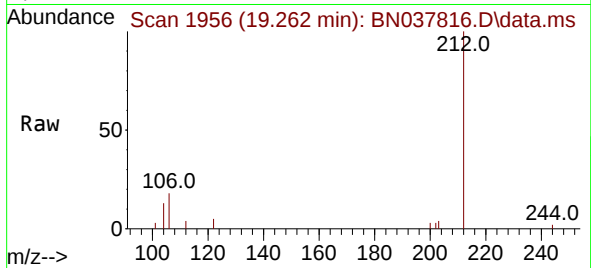




#27
Fluoranthene-d10
Concen: 0.166 ng
RT: 19.262 min Scan# 1956
Delta R.T. -0.010 min
Lab File: BN037816.D
Acq: 19 Sep 2025 16:08

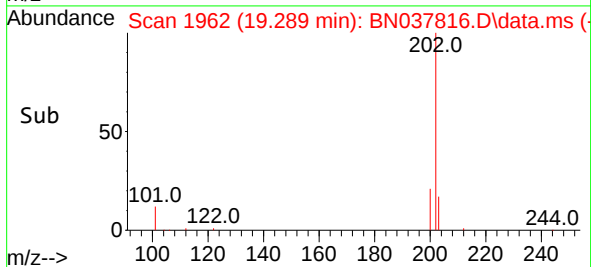
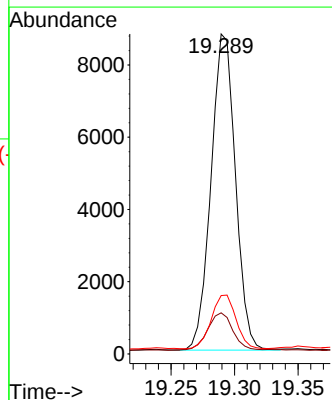
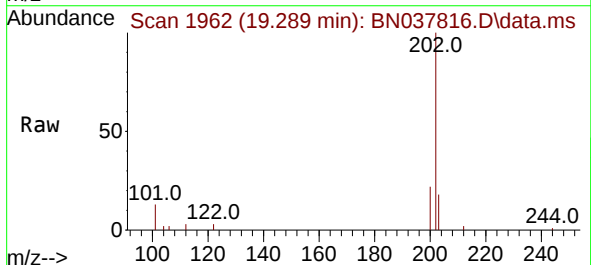
Instrument :
BNA_N
ClientSampleId :

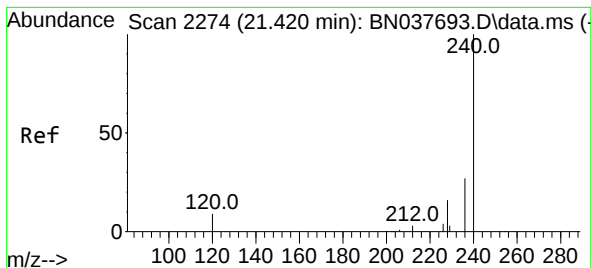
Tgt Ion:212 Resp: 4881
Ion Ratio Lower Upper
212 100
106 16.3 12.2 18.2
104 9.4 6.9 10.3



#28
Fluoranthene
Concen: 0.290 ng
RT: 19.289 min Scan# 1962
Delta R.T. -0.010 min
Lab File: BN037816.D
Acq: 19 Sep 2025 16:08

Tgt Ion:202 Resp: 11726
Ion Ratio Lower Upper
202 100
101 12.4 9.3 13.9
203 17.1 13.7 20.5





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.411 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN037816.D

Acq: 19 Sep 2025 16:08

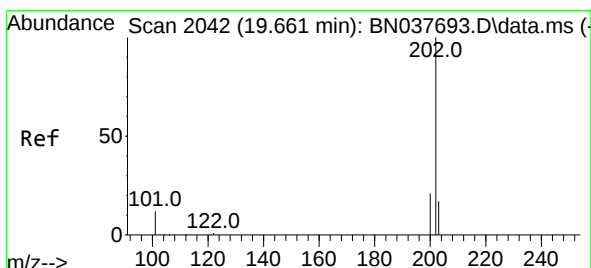
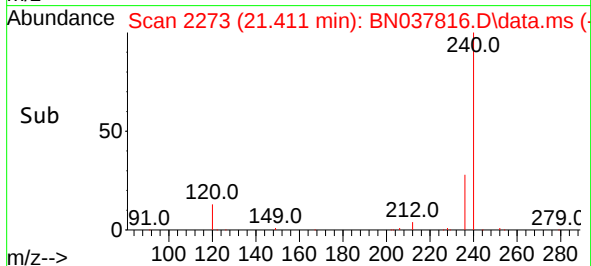
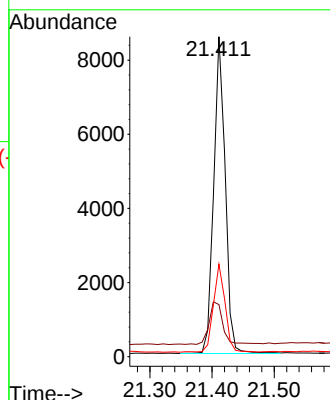
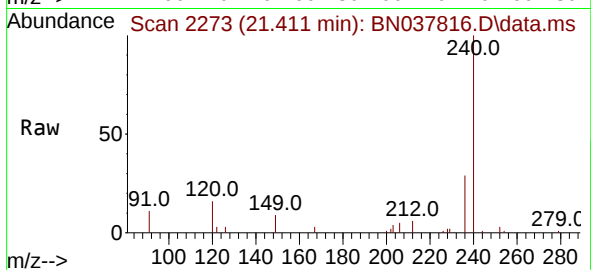
Instrument :

BNA_N

ClientSampleId :

Tgt Ion:240 Resp: 10935

Ion	Ratio	Lower	Upper
240	100		
120	16.3	9.2	13.8#
236	28.9	22.6	33.8



#30

Pyrene

Concen: 0.142 ng

RT: 19.652 min Scan# 2040

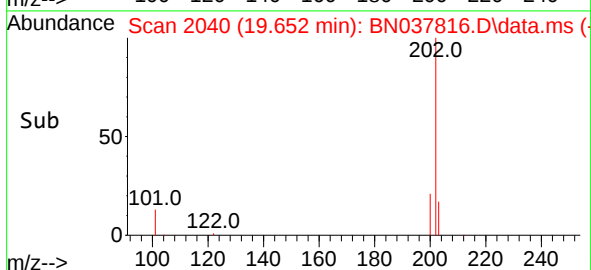
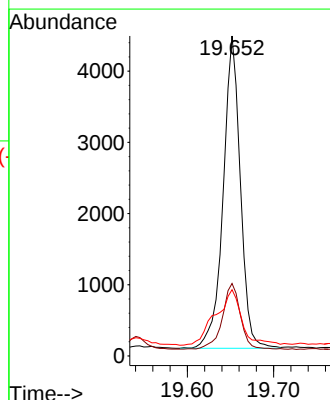
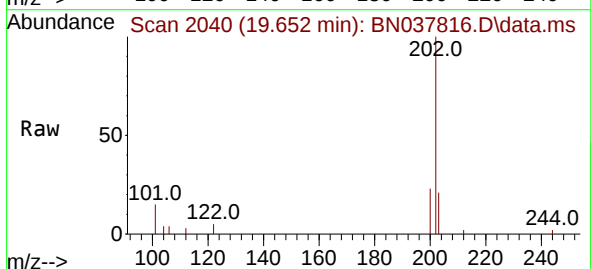
Delta R.T. -0.010 min

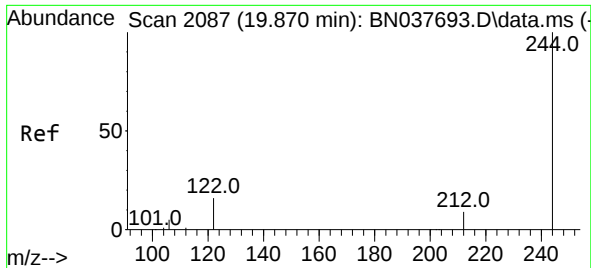
Lab File: BN037816.D

Acq: 19 Sep 2025 16:08

Tgt Ion:202 Resp: 6090

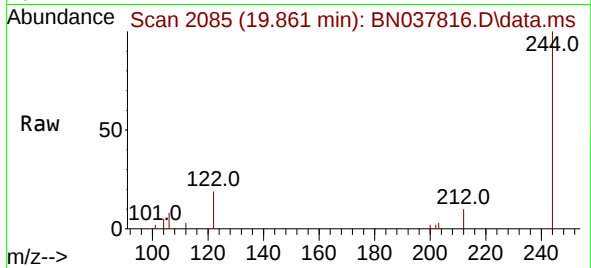
Ion	Ratio	Lower	Upper
202	100		
200	22.0	16.8	25.2
203	27.1	14.3	21.5#



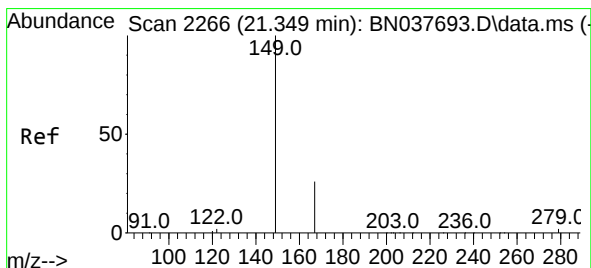
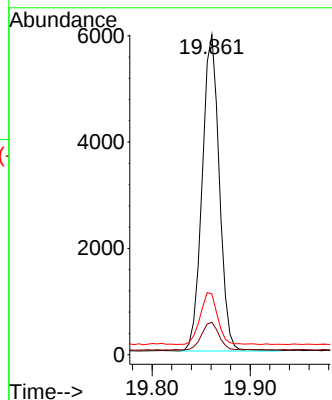


#31
 Terphenyl-d14
 Concen: 0.325 ng
 RT: 19.861 min Scan# 2085
 Delta R.T. -0.010 min
 Lab File: BN037816.D
 Acq: 19 Sep 2025 16:08

Instrument :
 BNA_N
 ClientSampleId :

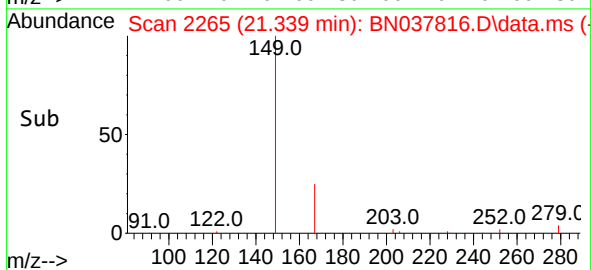
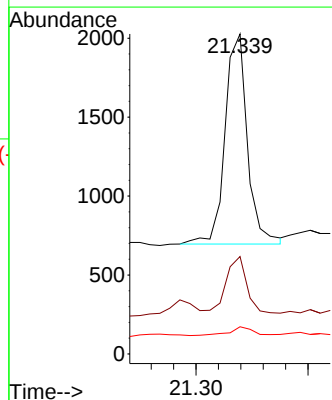
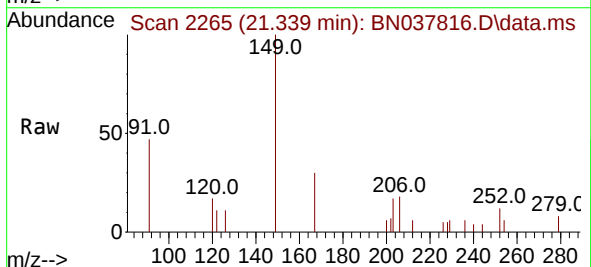


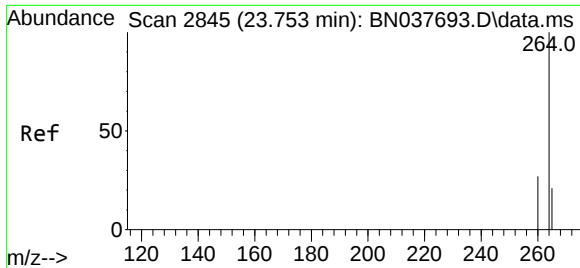
Tgt Ion:244	Resp:	7221
Ion	Ratio	Lower Upper
244	100	
212	10.1	7.5 11.3
122	19.0	13.2 19.8



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.164 ng
 RT: 21.339 min Scan# 2265
 Delta R.T. -0.009 min
 Lab File: BN037816.D
 Acq: 19 Sep 2025 16:08

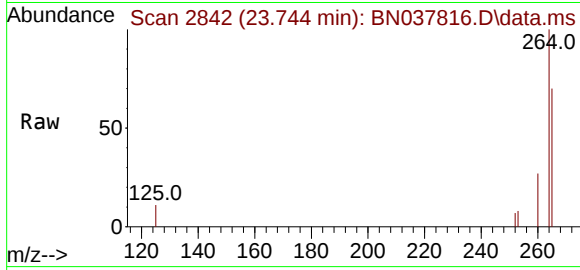
Tgt Ion:149	Resp:	1849
Ion	Ratio	Lower Upper
149	100	
167	24.7	20.8 31.2
279	4.4	3.3 4.9





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.744 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN037816.D
 Acq: 19 Sep 2025 16:08

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:	264	Resp:	10906
Ion Ratio	Lower	Upper	
264	100		
260	26.6	21.8	32.8
265	69.7	39.4	59.2#

