Quantitation Report (QT Reviewed)

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 :
MW3SDL

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

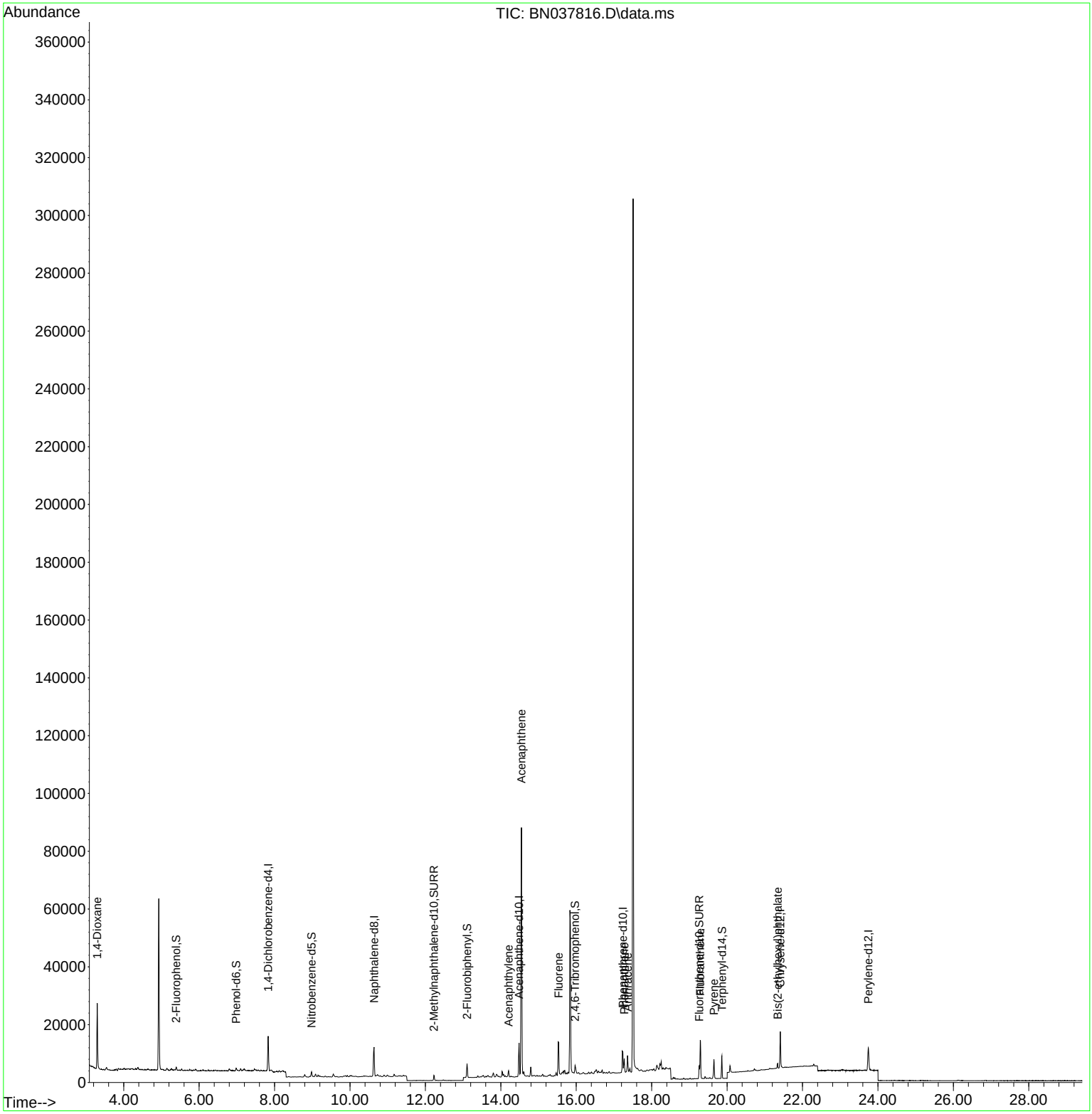
(#) = qualifier out of range (m) = manual integration (+) = signals summed

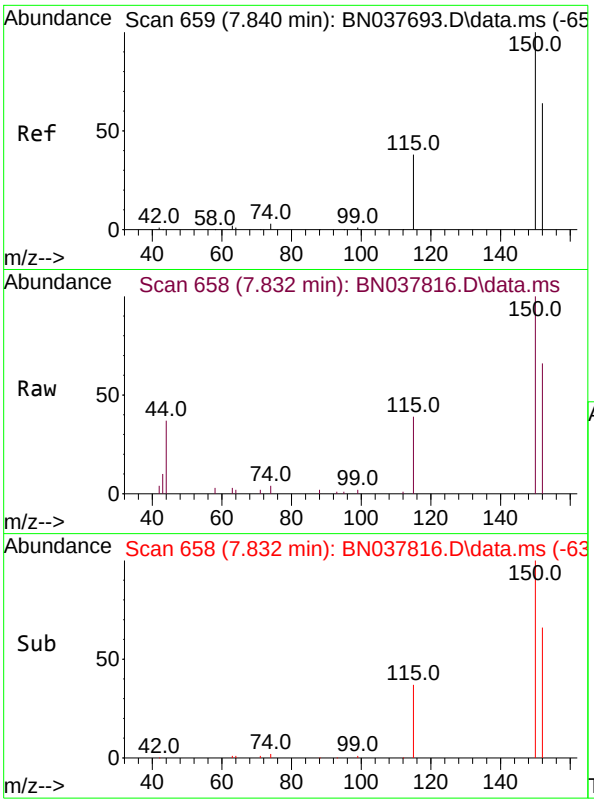
Quantitation Report (QT Reviewed)

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 :
MW3SDL

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



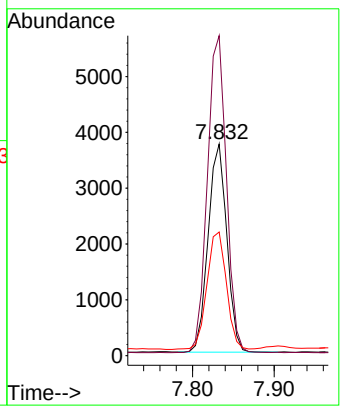


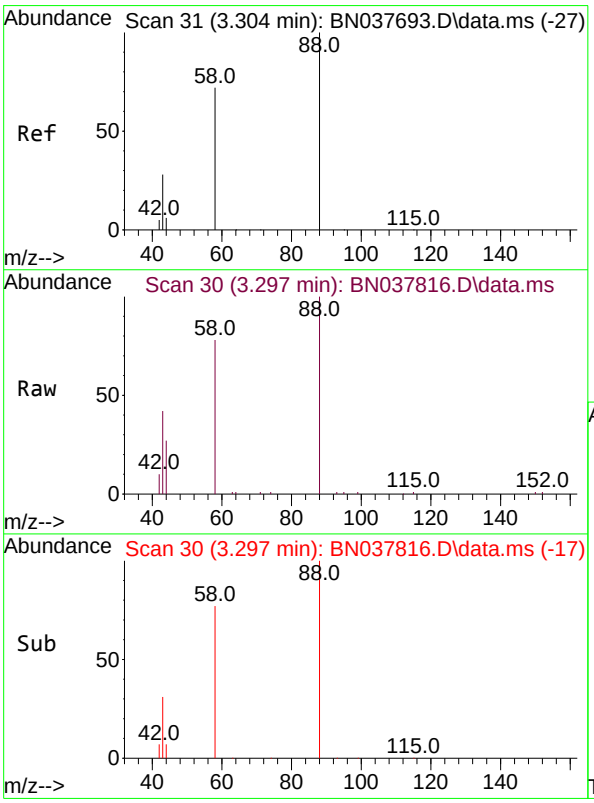
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.832 min Scan# 6
Delta R.T. -0.008 min
Lab File: BN037816.D
Acq: 19 Sep 2025 16:08

Instrument :
BNA_N
ClientSampleId :
MW3SDL

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

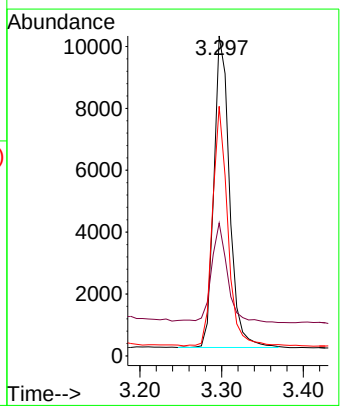


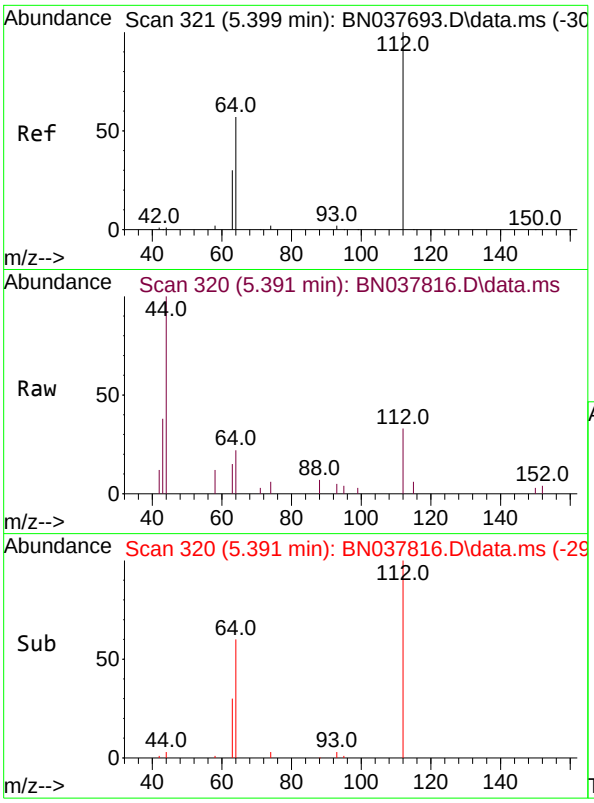


#2
1,4-Dioxane
Concen: 2.178 ng
RT: 3.297 min Scan# 30
Delta R.T. -0.008 min
Lab File: BN037816.D
Acq: 19 Sep 2025 16:08

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



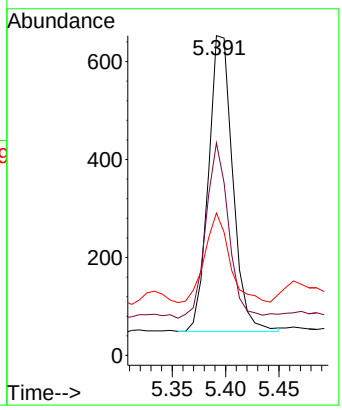


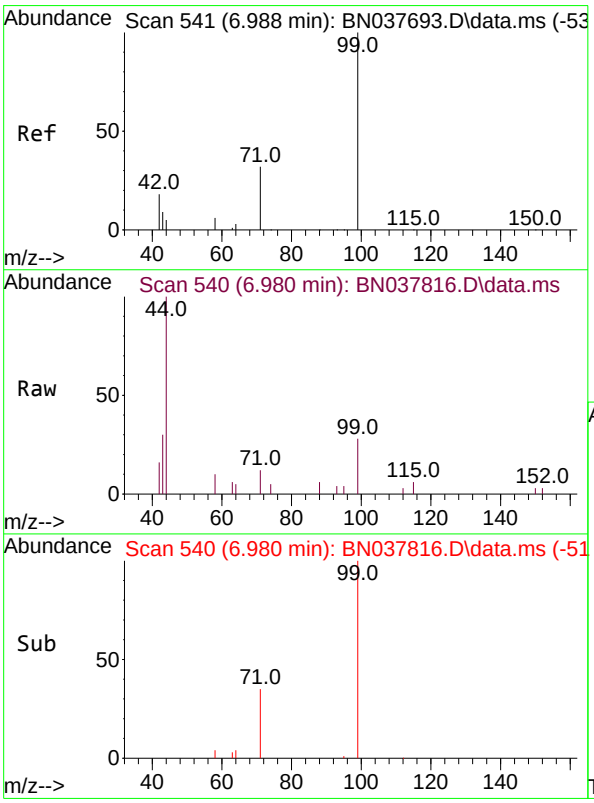
#4
2-Fluorophenol
Concen: 0.070 ng
RT: 5.391 min Scan# 3
Delta R.T. -0.008 min
Lab File: BN037816.D
Acq: 19 Sep 2025 16:08

Instrument :
BNA_N
ClientSampleId :
MW3SDL

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

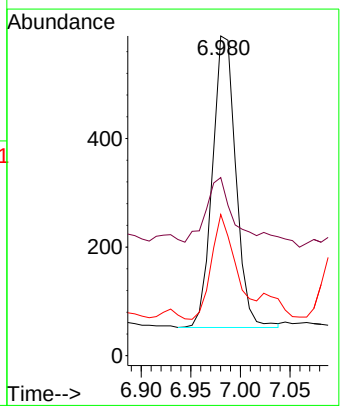


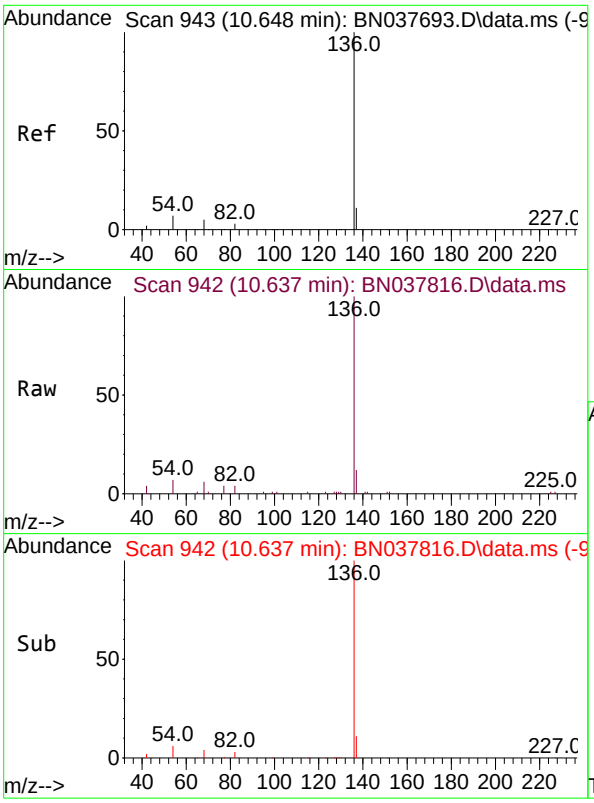


#5
Phenol-d6
Concen: 0.050 ng
RT: 6.980 min Scan# 540
Delta R.T. -0.008 min
Lab File: BN037816.D
Acq: 19 Sep 2025 16:08

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



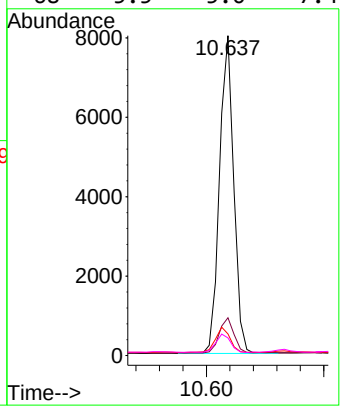


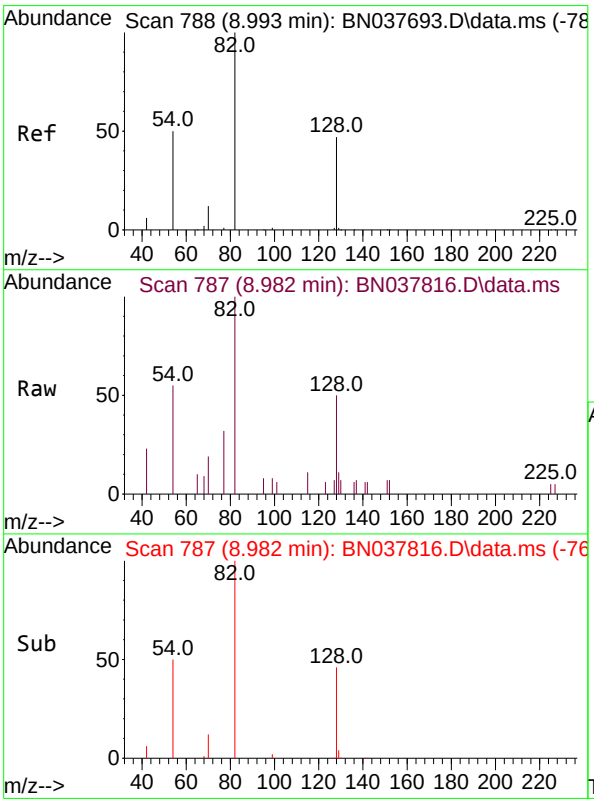
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN037816.D
Acq: 19 Sep 2025 16:08

Instrument :
BNA_N
ClientSampleId :
MW3SDL

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

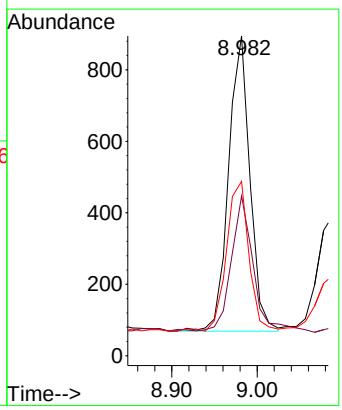


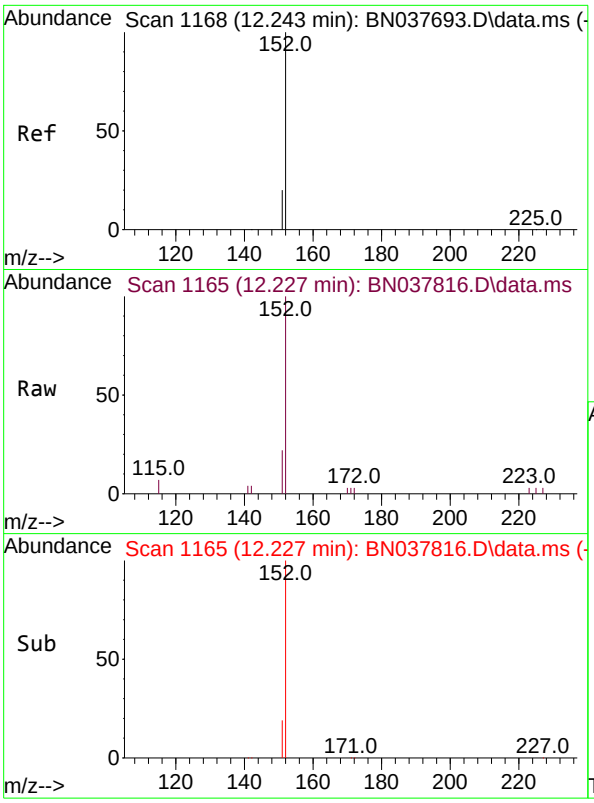


#8
Nitrobenzene-d5
Concen: 0.145 ng
RT: 8.982 min Scan# 787
Delta R.T. -0.011 min
Lab File: BN037816.D
Acq: 19 Sep 2025 16:08

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



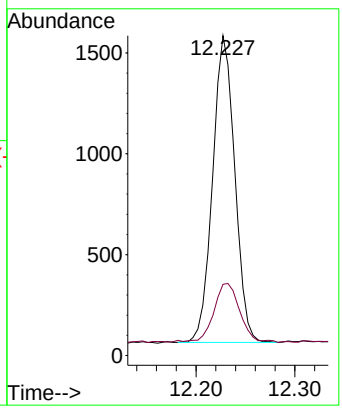


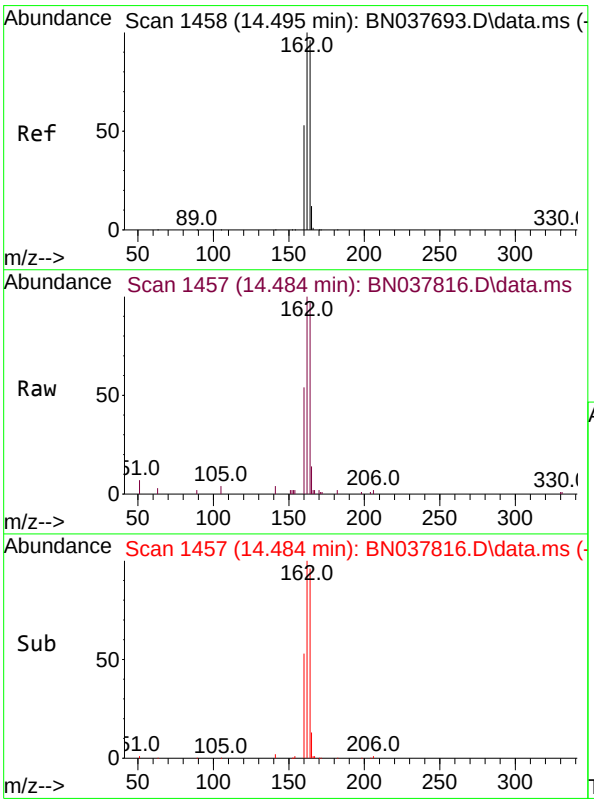
#11
2-Methylnaphthalene-d10
Concen: 0.132 ng
RT: 12.227 min Scan# 11
Delta R.T. -0.016 min
Lab File: BN037816.D
Acq: 19 Sep 2025 16:08

Instrument :
BNA_N
ClientSampleId :
MW3SDL

Tgt Ion:152 Resp: 2367

Ion	Ratio	Lower	Upper
152	100		
151	22.3	17.0	25.6

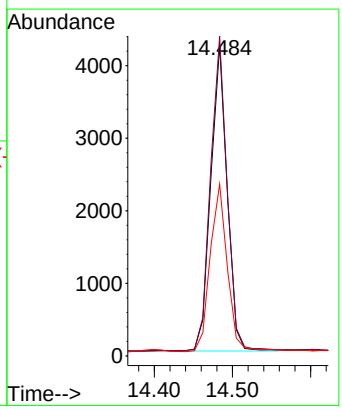


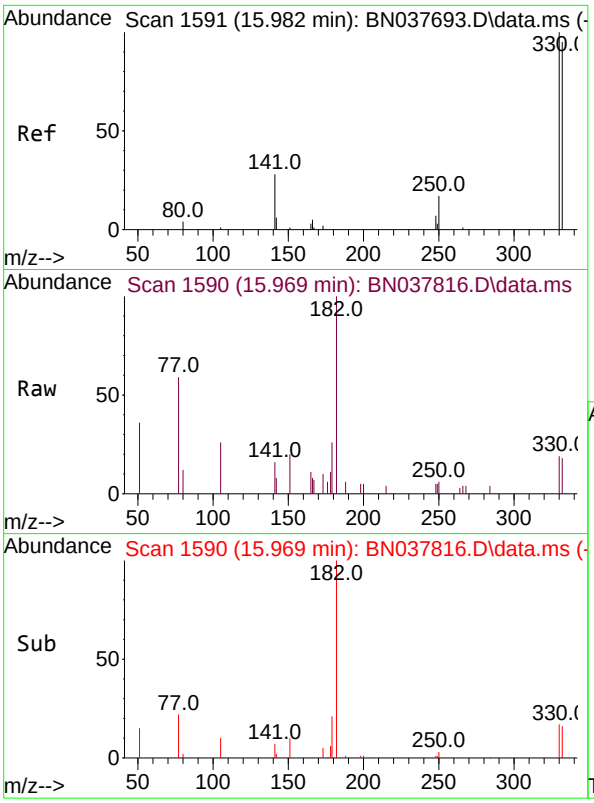


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.484 min Scan# 1457
Delta R.T. -0.011 min
Lab File: BN037816.D
Acq: 19 Sep 2025 16:08

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



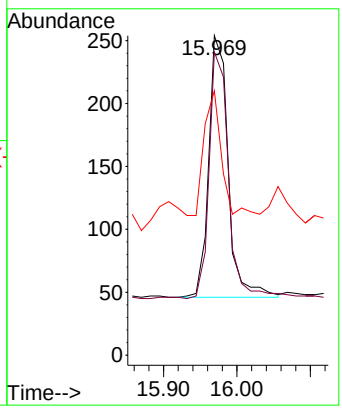


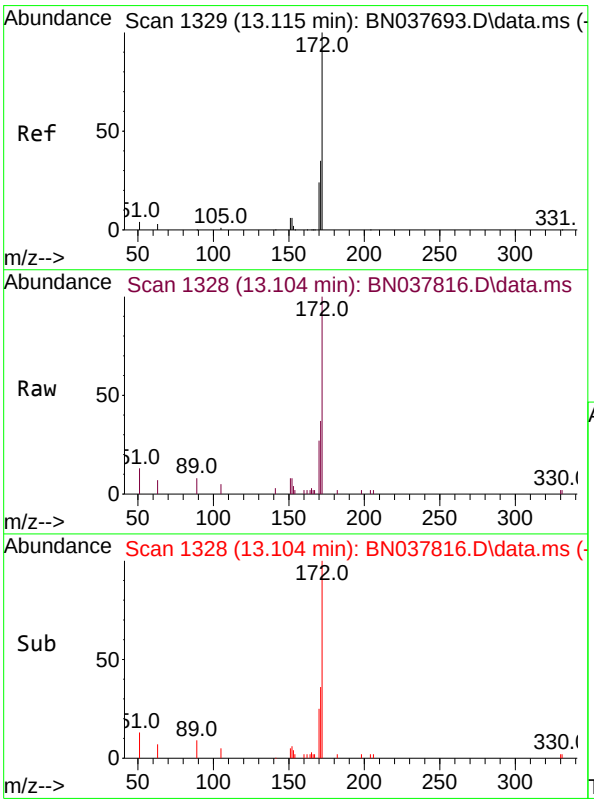
#14
2,4,6-Tribromophenol
Concen: 0.239 ng
RT: 15.969 min Scan# 1
Delta R.T. -0.013 min
Lab File: BN037816.D
Acq: 19 Sep 2025 16:08

Instrument :
BNA_N
ClientSampleId :
MW3SDL

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#

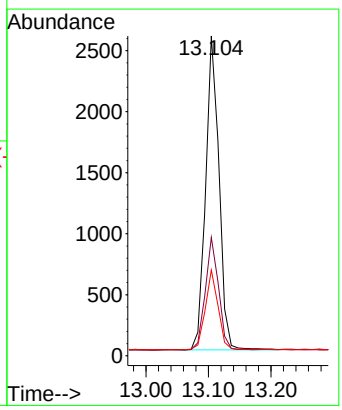


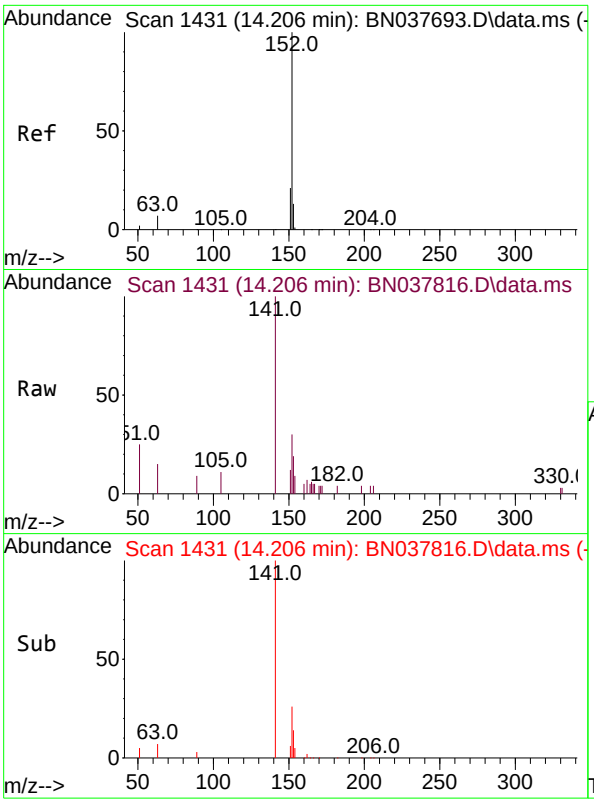


#15
2-Fluorobiphenyl
Concen: 0.149 ng
RT: 13.104 min Scan# 1328
Delta R.T. -0.011 min
Lab File: BN037816.D
Acq: 19 Sep 2025 16:08

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



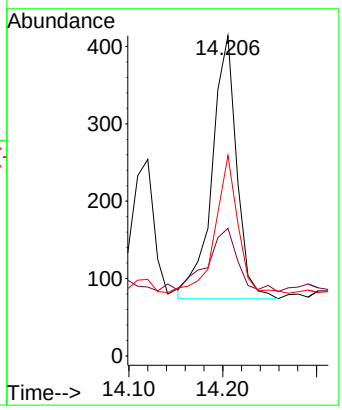


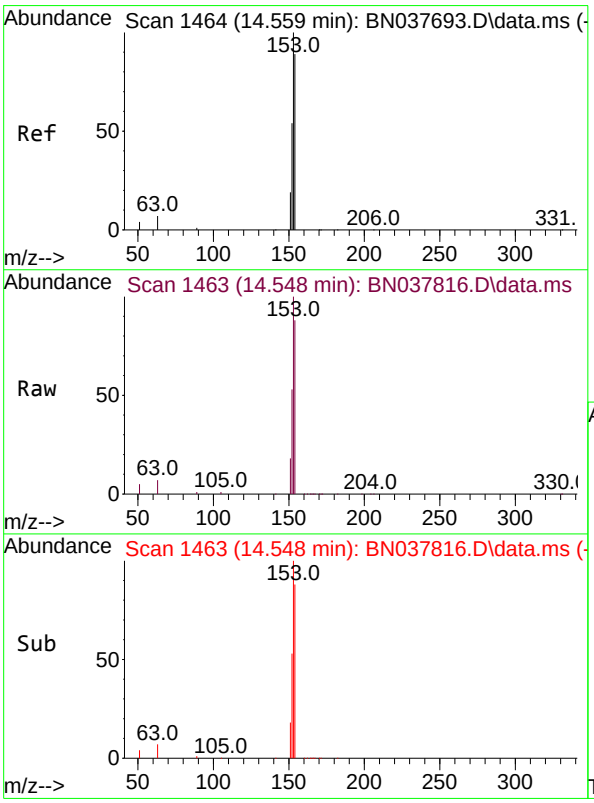
#16
Acenaphthylene
Concen: 0.022 ng
RT: 14.206 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN037816.D
Acq: 19 Sep 2025 16:08

Instrument :
BNA_N
ClientSampleId :
MW3SDL

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#

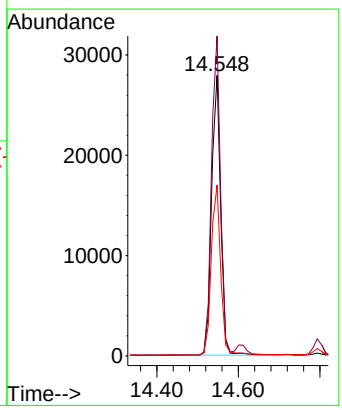


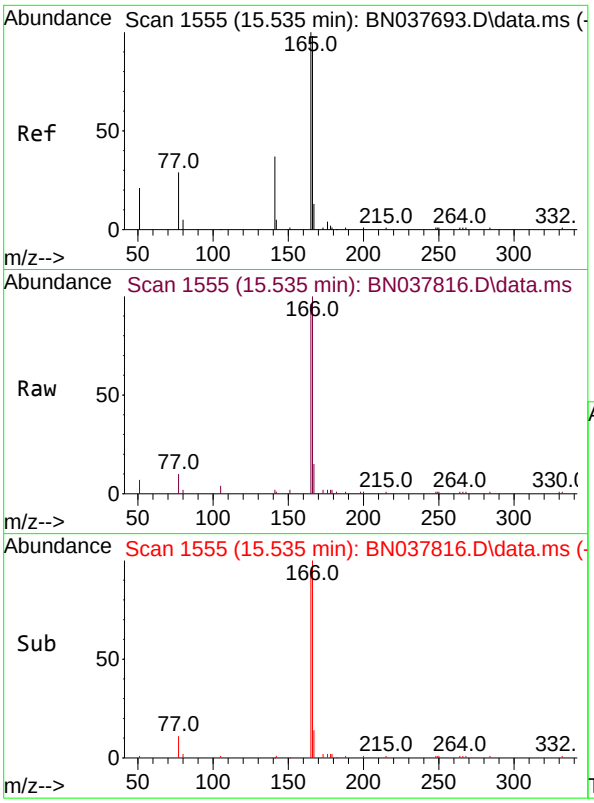


#17
Acenaphthene
Concen: 2.252 ng
RT: 14.548 min Scan# 1463
Delta R.T. -0.011 min
Lab File: BN037816.D
Acq: 19 Sep 2025 16:08

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



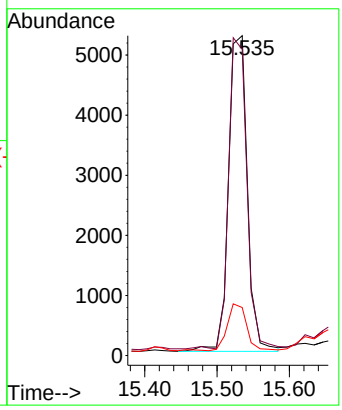


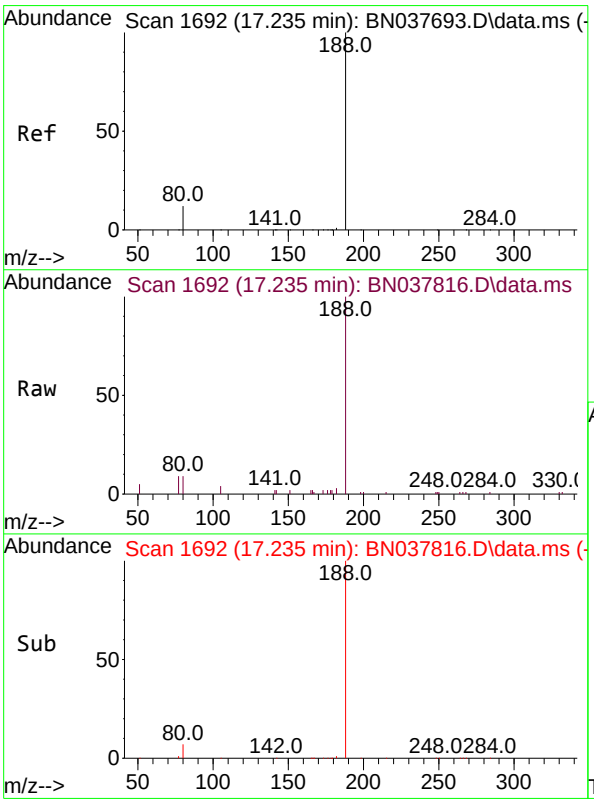
#18
Fluorene
Concen: 0.385 ng
RT: 15.535 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037816.D
Acq: 19 Sep 2025 16:08

Instrument :
BNA_N
ClientSampleId :
MW3SDL

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

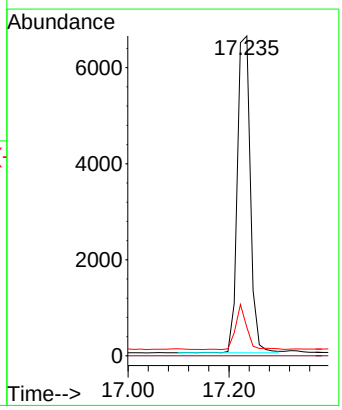


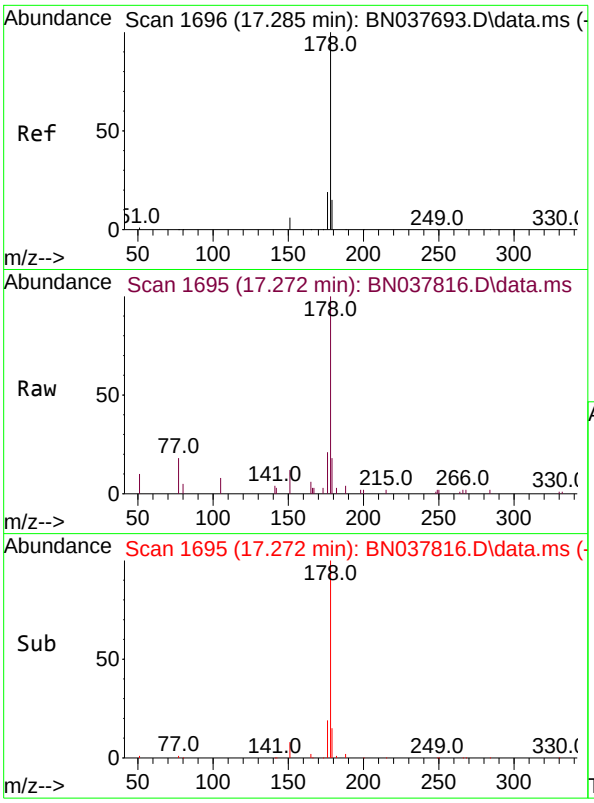


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.235 min Scan# 1692
Delta R.T. -0.000 min
Lab File: BN037816.D
Acq: 19 Sep 2025 16:08

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#



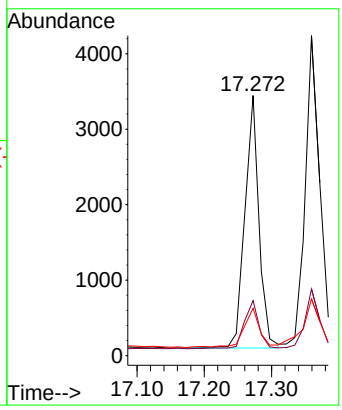


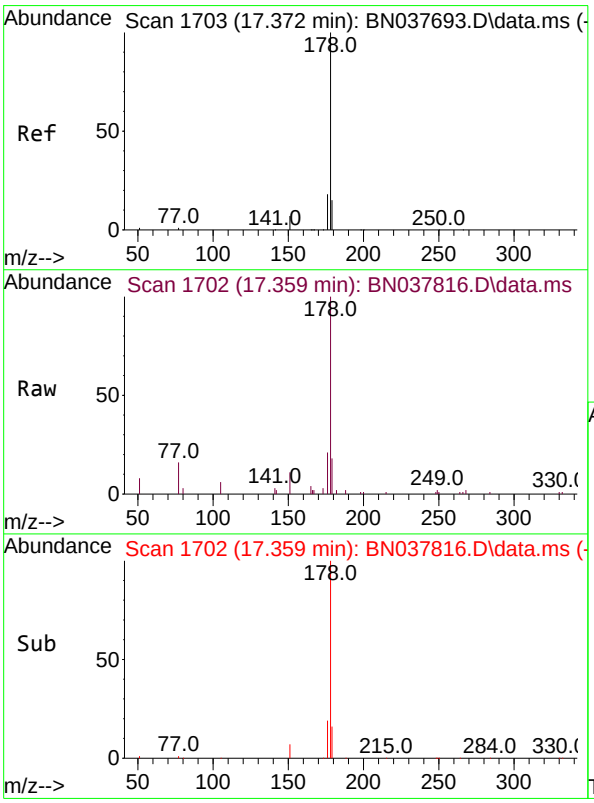
#25
Phenanthrene
Concen: 0.131 ng
RT: 17.272 min Scan# 1
Delta R.T. -0.013 min
Lab File: BN037816.D
Acq: 19 Sep 2025 16:08

Instrument :
BNA_N
ClientSampleId :
MW3SDL

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

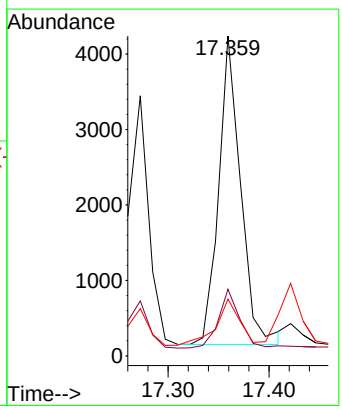


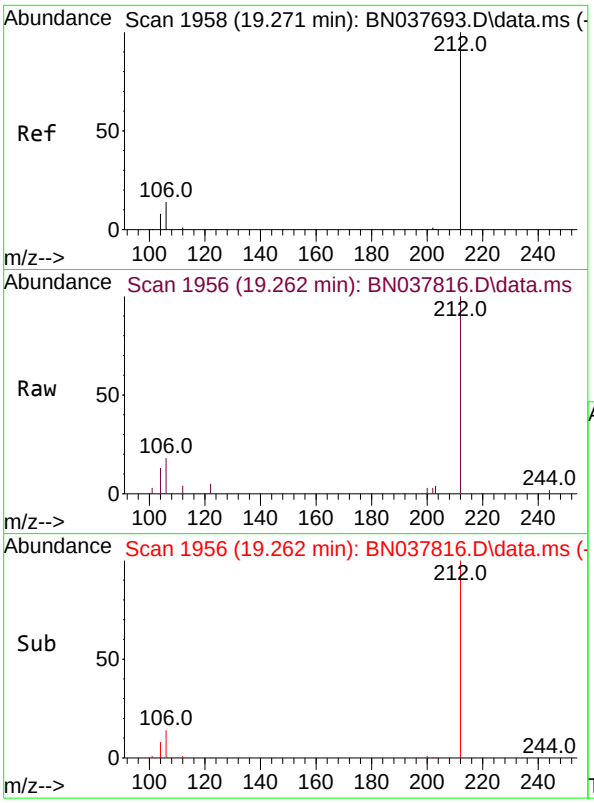


#26
Anthracene
Concen: 0.189 ng
RT: 17.359 min Scan# 1702
Delta R.T. -0.013 min
Lab File: BN037816.D
Acq: 19 Sep 2025 16:08

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



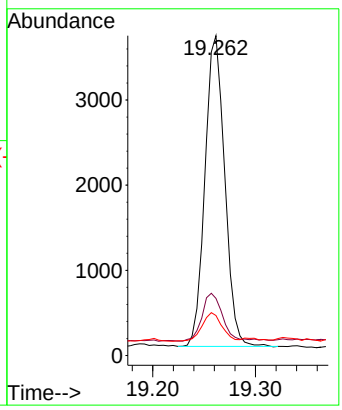


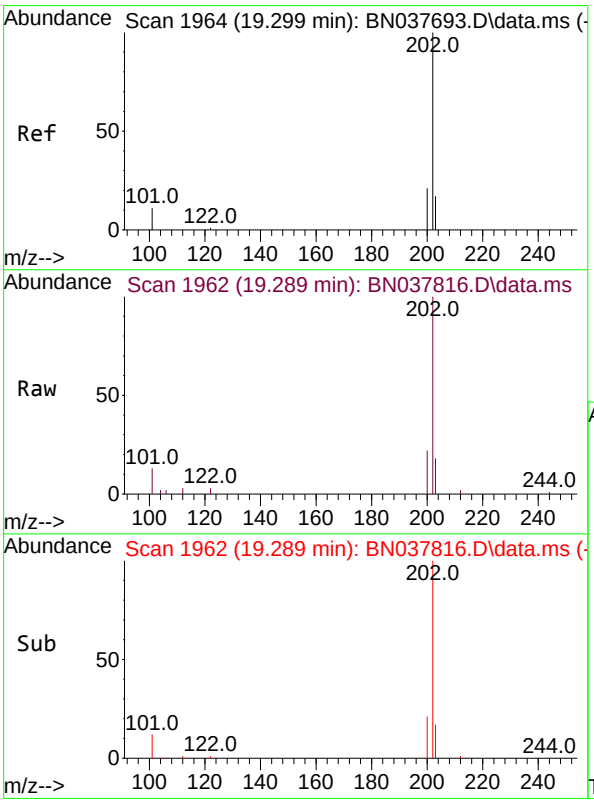
#27
Fluoranthene-d10
Concen: 0.166 ng
RT: 19.262 min Scan# 19
Delta R.T. -0.010 min
Lab File: BN037816.D
Acq: 19 Sep 2025 16:08

Instrument :
BNA_N
ClientSampleId :
MW3SDL

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

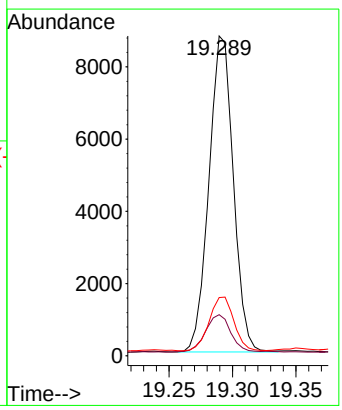


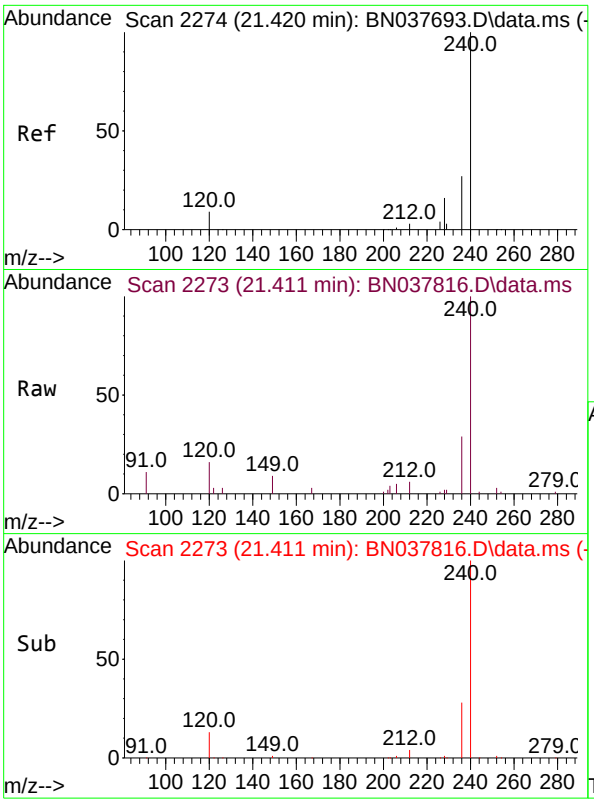


#28
Fluoranthene
Concen: 0.290 ng
RT: 19.289 min Scan# 1962
Delta R.T. -0.010 min
Lab File: BN037816.D
Acq: 19 Sep 2025 16:08

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



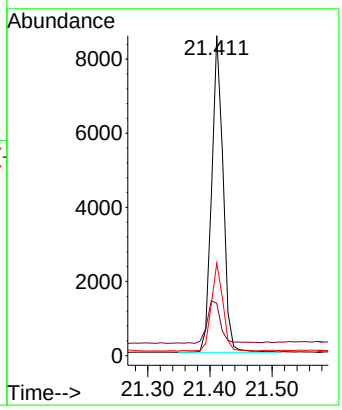


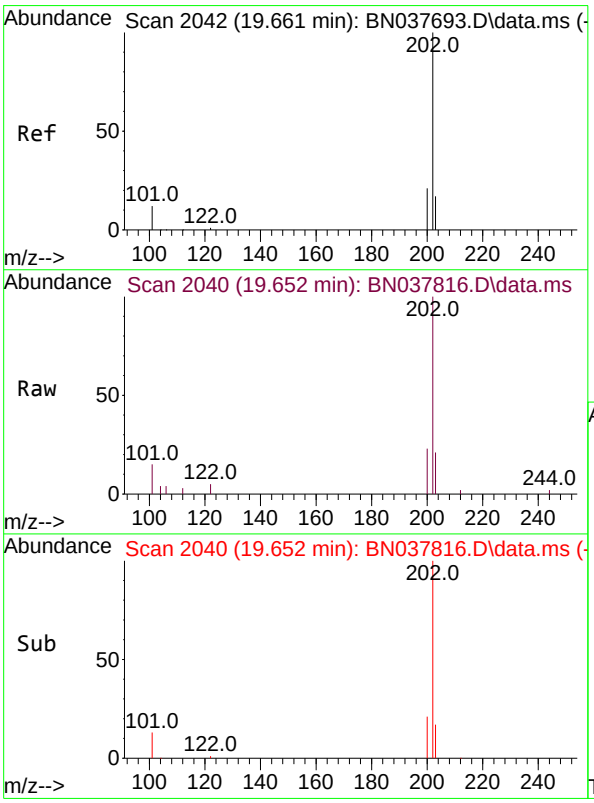
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.411 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN037816.D
Acq: 19 Sep 2025 16:08

Instrument :
BNA_N
ClientSampleId :
MW3SDL

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

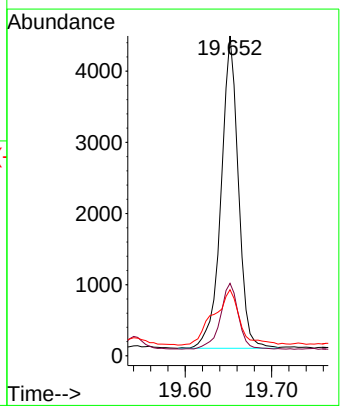


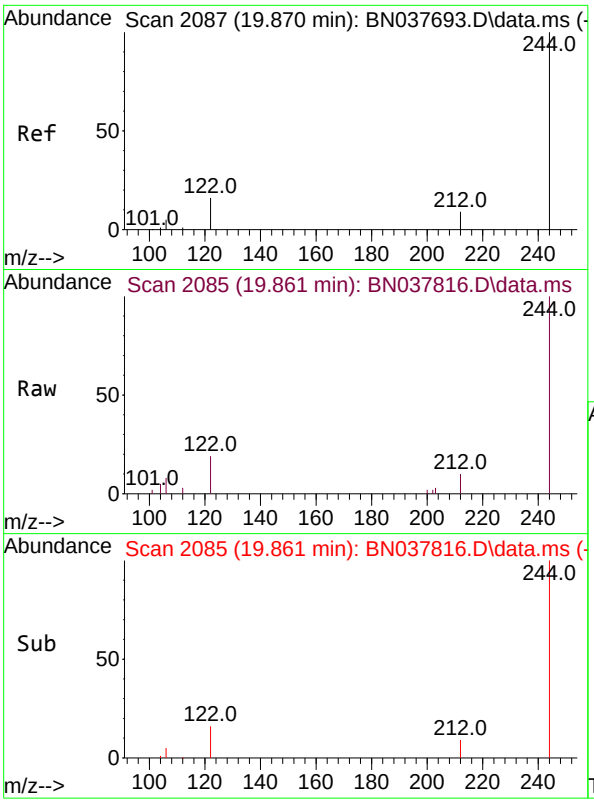


#30
Pyrene
Concen: 0.142 ng
RT: 19.652 min Scan# 2040
Delta R.T. -0.010 min
Lab File: BN037816.D
Acq: 19 Sep 2025 16:08

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#



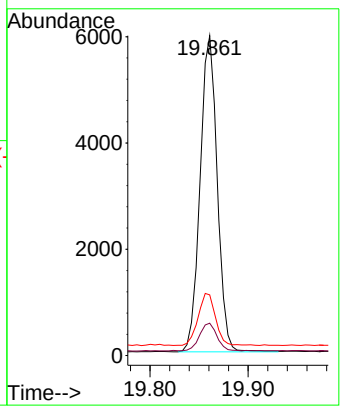


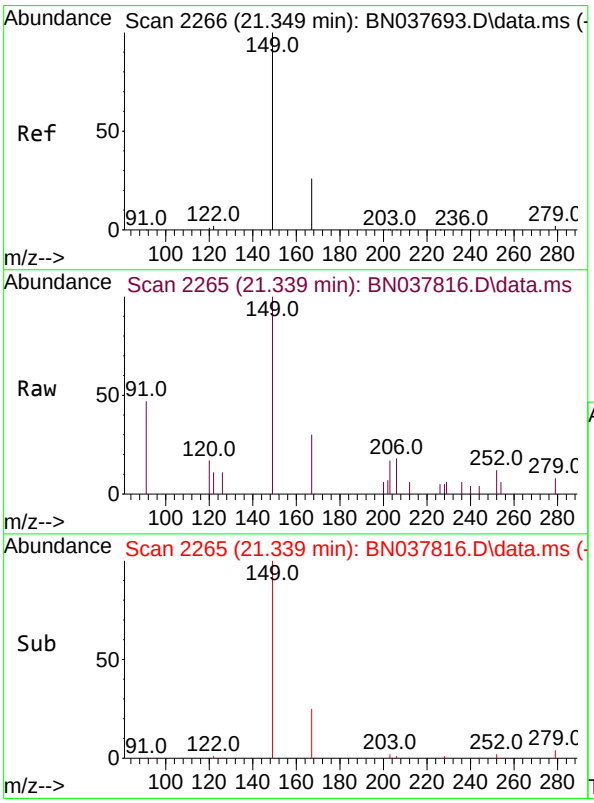
#31
Terphenyl-d14
Concen: 0.325 ng
RT: 19.861 min Scan# 20
Delta R.T. -0.010 min
Lab File: BN037816.D
Acq: 19 Sep 2025 16:08

Instrument :
BNA_N
ClientSampleId :
MW3SDL

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

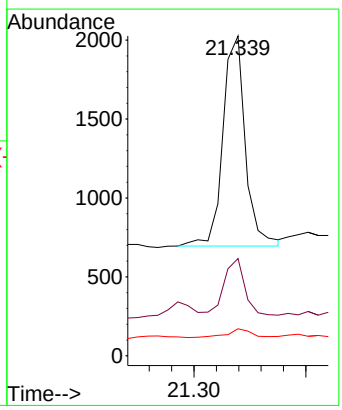


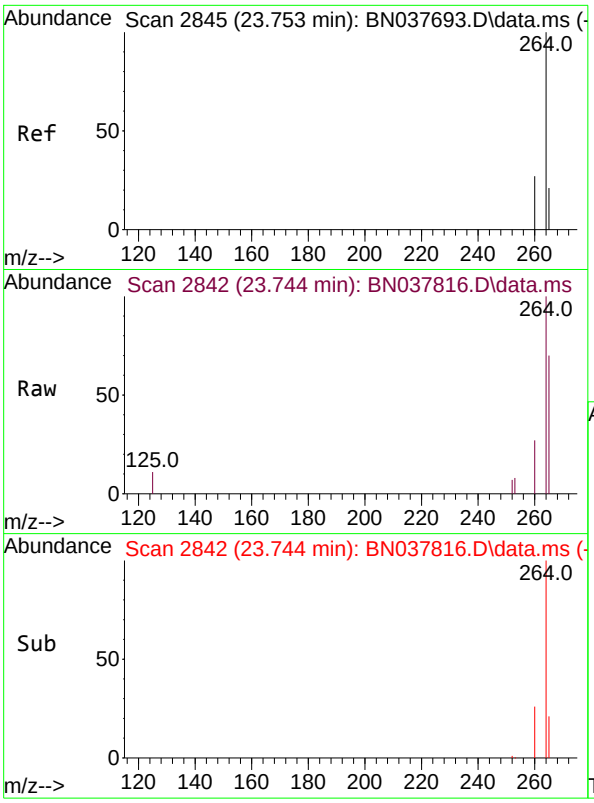


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.164 ng
RT: 21.339 min Scan# 2265
Delta R.T. -0.009 min
Lab File: BN037816.D
Acq: 19 Sep 2025 16:08

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# 28
Delta R.T. -0.009 min
Lab File: BN037816.D
Acq: 19 Sep 2025 16:08

Instrument :
BNA_N
ClientSampleId :
MW3SDL

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#