Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091825\
Data File : BN037782.D
Acq On : 18 Sep 2025 18:12
Operator : RC/JU
Sample : Q3083-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW3S

Quant Time: Sep 18 18:40:15 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

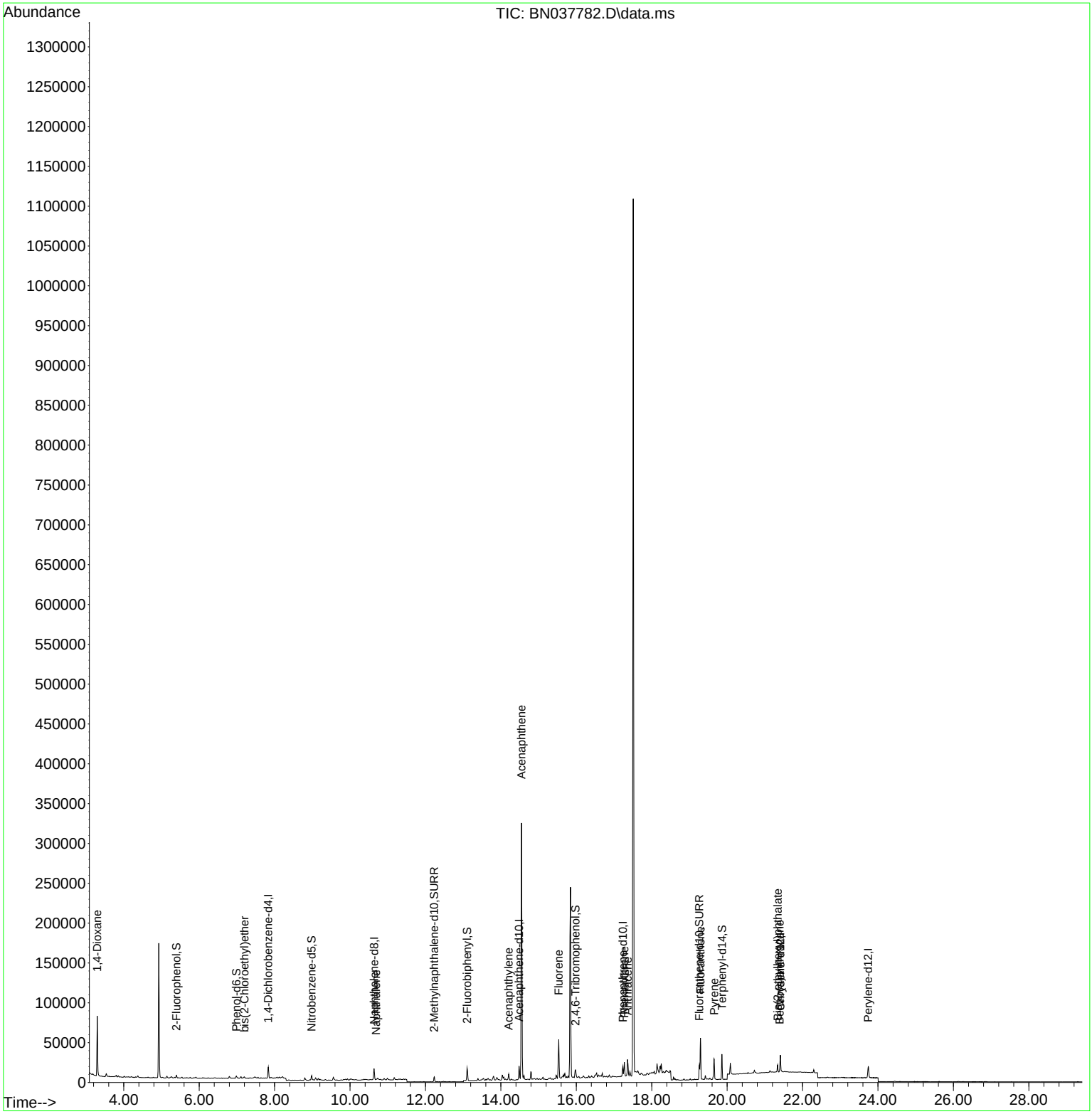
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.833	152	6579	0.400	ng		0.00
7) Naphthalene-d8	10.637	136	17764	0.400	ng		-0.01
13) Acenaphthene-d10	14.484	164	8899	0.400	ng		-0.01
19) Phenanthrene-d10	17.235	188	17415	0.400	ng		0.00
29) Chrysene-d12	21.411	240	17835	0.400	ng	#	0.00
35) Perylene-d12	23.741	264	19008	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.399	112	2772	0.184	ng		0.00
5) Phenol-d6	6.988	99	2548	0.130	ng		0.00
8) Nitrobenzene-d5	8.982	82	4565	0.351	ng		-0.01
11) 2-Methylnaphthalene-d10	12.233	152	8353	0.355	ng		-0.01
14) 2,4,6-Tribromophenol	15.982	330	1646	0.709	ng		0.00
15) 2-Fluorobiphenyl	13.105	172	13500	0.363	ng		-0.01
27) Fluoranthene-d10	19.262	212	19350	0.443	ng		0.00
31) Terphenyl-d14	19.861	244	28826	0.796	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.297	88	42725	6.235	ng		95
6) bis(2-Chloroethyl)ether	7.197	93	750	0.043	ng	#	37
9) Naphthalene	10.690	128	1060	0.022	ng	#	60
16) Acenaphthylene	14.206	152	1793	0.044	ng	#	41
17) Acenaphthene	14.548	154	152410	5.523	ng		97
18) Fluorene	15.535	166	33401	0.999	ng		93
25) Phenanthrene	17.273	178	17293	0.315	ng		96
26) Anthracene	17.360	178	23665	0.487	ng		97
28) Fluoranthene	19.294	202	46498	0.773	ng		99
30) Pyrene	19.657	202	24513	0.351	ng	#	90
32) Benzo(a)anthracene	21.393	228	1311	0.021	ng	#	53
34) Bis(2-ethylhexyl)phtha...	21.340	149	9051	0.491	ng		98

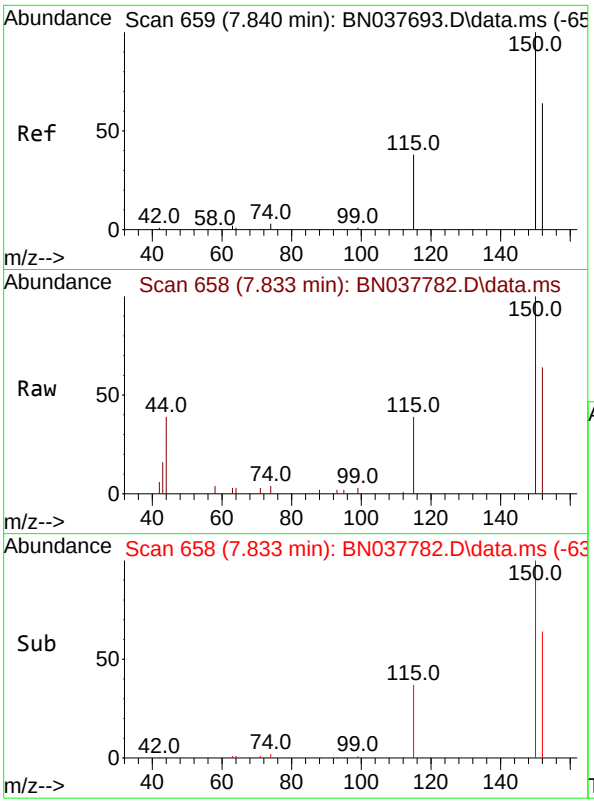
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091825\
Data File : BN037782.D
Acq On : 18 Sep 2025 18:12
Operator : RC/JU
Sample : Q3083-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW3S

Quant Time: Sep 18 18:40:15 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



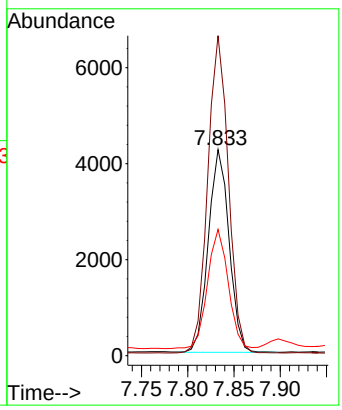


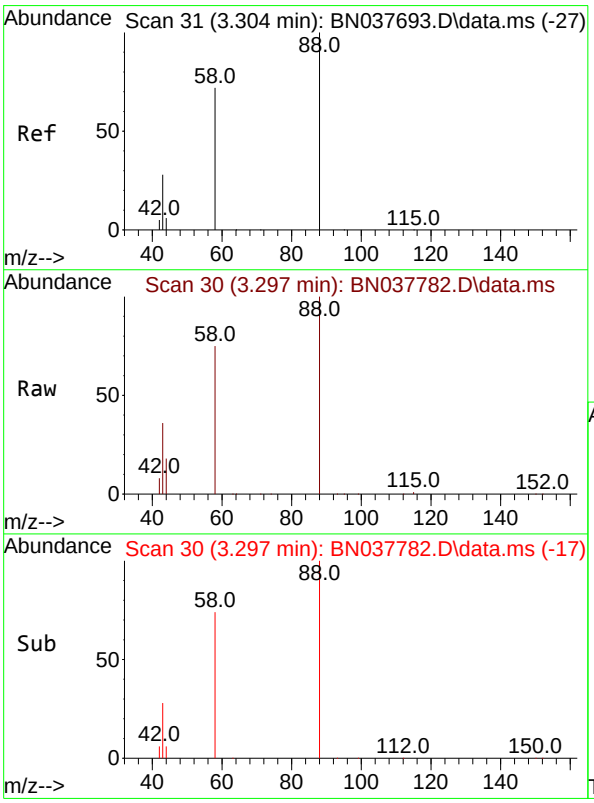
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.833 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN037782.D
Acq: 18 Sep 2025 18:12

Instrument :
BNA_N
ClientSampleId :
MW3S

Tgt Ion:152 Resp: 6579

Ion	Ratio	Lower	Upper
152	100		
150	155.3	124.5	186.7
115	61.2	49.2	73.8

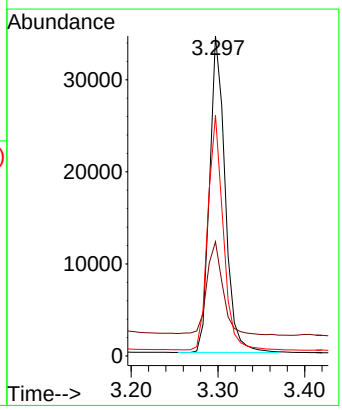


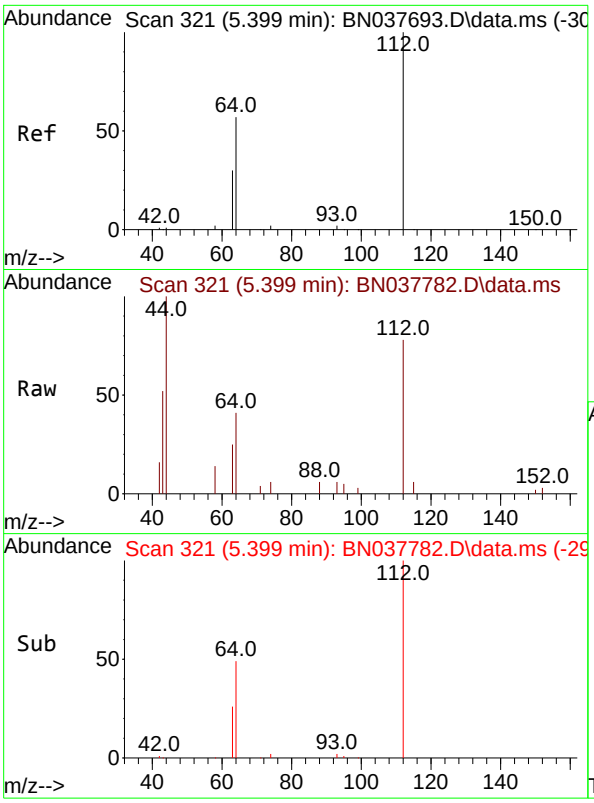


#2
1,4-Dioxane
Concen: 6.235 ng
RT: 3.297 min Scan# 30
Delta R.T. -0.007 min
Lab File: BN037782.D
Acq: 18 Sep 2025 18:12

Tgt Ion: 88 Resp: 42725

Ion	Ratio	Lower	Upper
88	100		
43	31.2	26.8	40.2
58	73.3	61.9	92.9



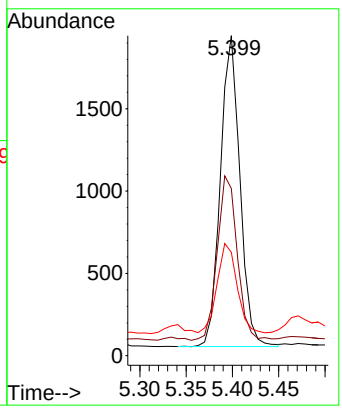


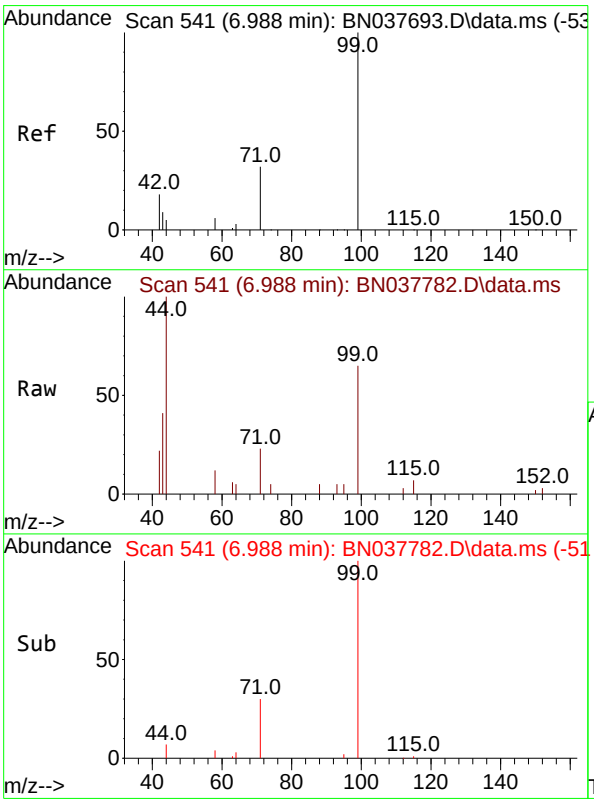
#4
2-Fluorophenol
Concen: 0.184 ng
RT: 5.399 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN037782.D
Acq: 18 Sep 2025 18:12

Instrument :
BNA_N
ClientSampleId :
MW3S

Tgt Ion:112 Resp: 2772

Ion	Ratio	Lower	Upper
112	100		
64	53.9	44.9	67.3
63	29.8	24.7	37.1

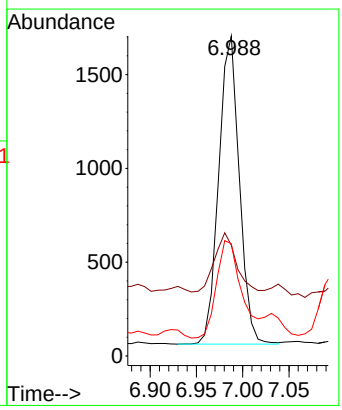


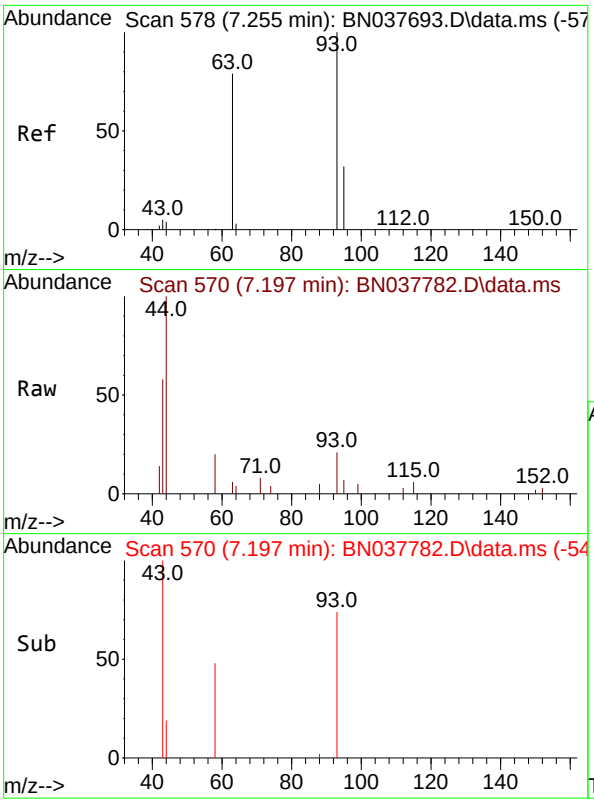


#5
Phenol-d6
Concen: 0.130 ng
RT: 6.988 min Scan# 541
Delta R.T. -0.000 min
Lab File: BN037782.D
Acq: 18 Sep 2025 18:12

Tgt Ion: 99 Resp: 2548

Ion	Ratio	Lower	Upper
99	100		
42	21.1	16.6	24.8
71	38.1	26.7	40.1



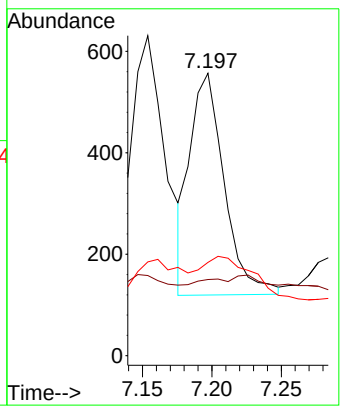


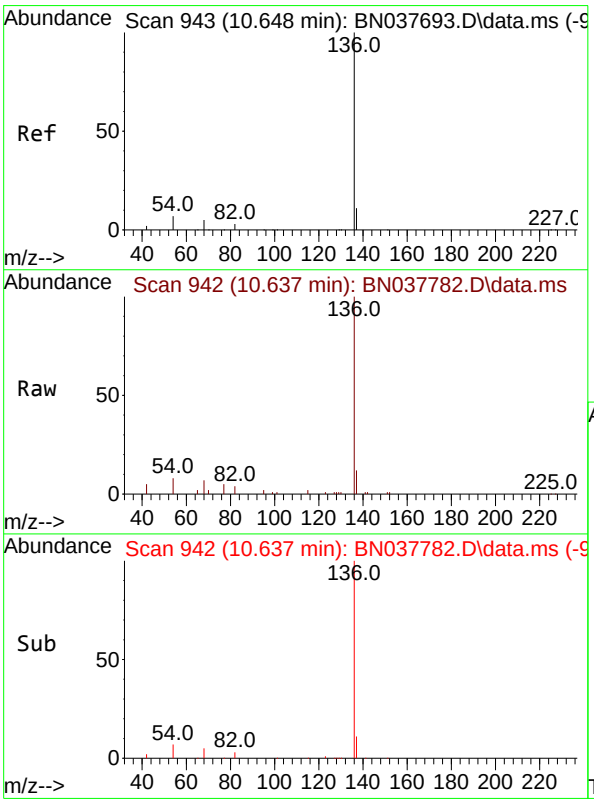
#6
bis(2-Chloroethyl)ether
Concen: 0.043 ng
RT: 7.197 min Scan# 5
Delta R.T. -0.058 min
Lab File: BN037782.D
Acq: 18 Sep 2025 18:12

Instrument :
BNA_N
ClientSampleId :
MW3S

Tgt Ion: 93 Resp: 750

Ion	Ratio	Lower	Upper
93	100		
63	0.0	60.6	90.8#
95	29.7	26.0	39.0

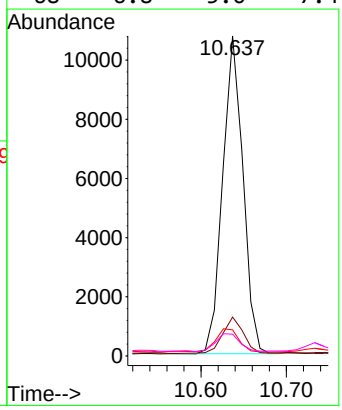


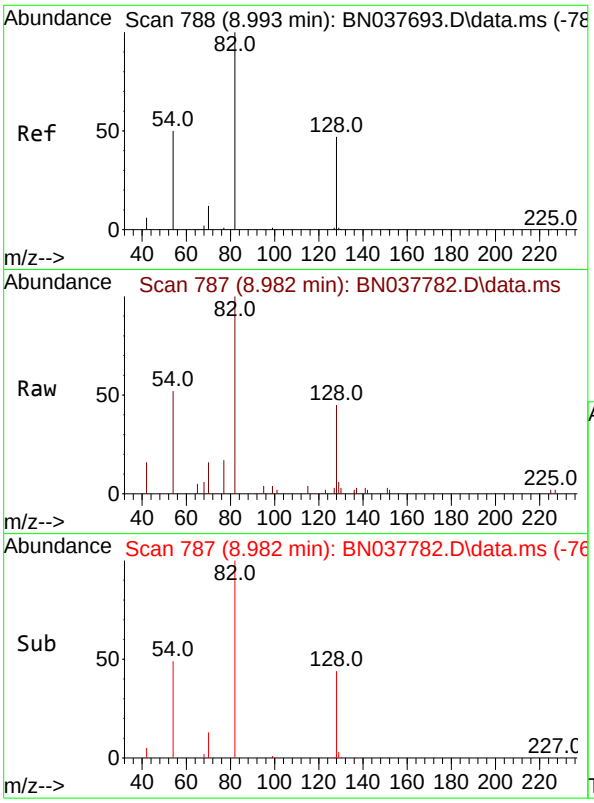


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 942
Delta R.T. -0.011 min
Lab File: BN037782.D
Acq: 18 Sep 2025 18:12

Tgt Ion:136 Resp: 17764

Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.1	13.7
54	8.2	6.3	9.5
68	6.8	5.0	7.4



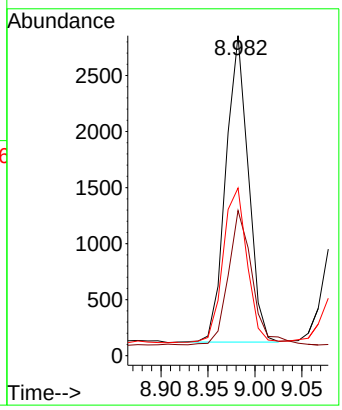


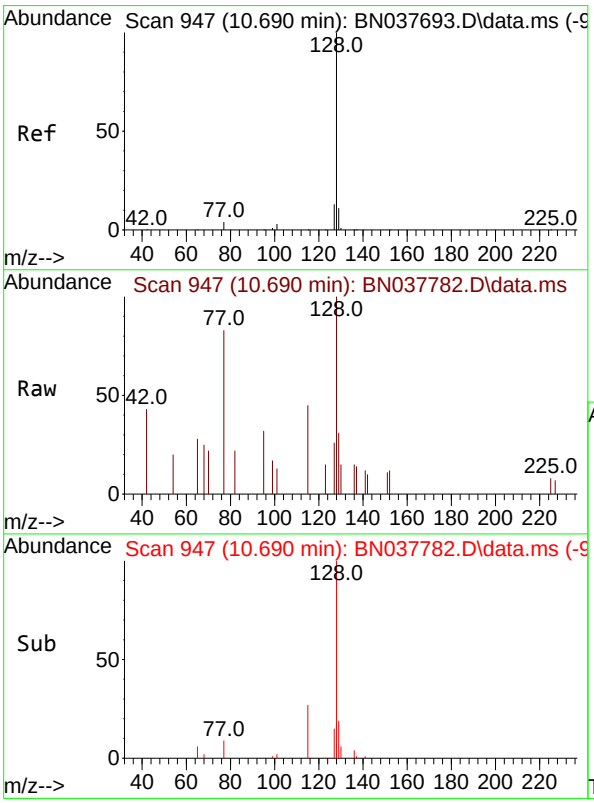
#8
Nitrobenzene-d5
Concen: 0.351 ng
RT: 8.982 min Scan# 7
Delta R.T. -0.011 min
Lab File: BN037782.D
Acq: 18 Sep 2025 18:12

Instrument :
BNA_N
ClientSampleId :
MW3S

Tgt Ion: 82 Resp: 4565

Ion	Ratio	Lower	Upper
82	100		
128	45.3	38.3	57.5
54	52.4	41.4	62.2

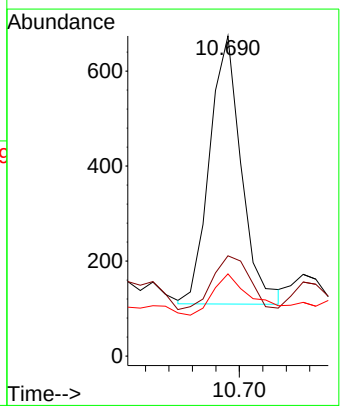


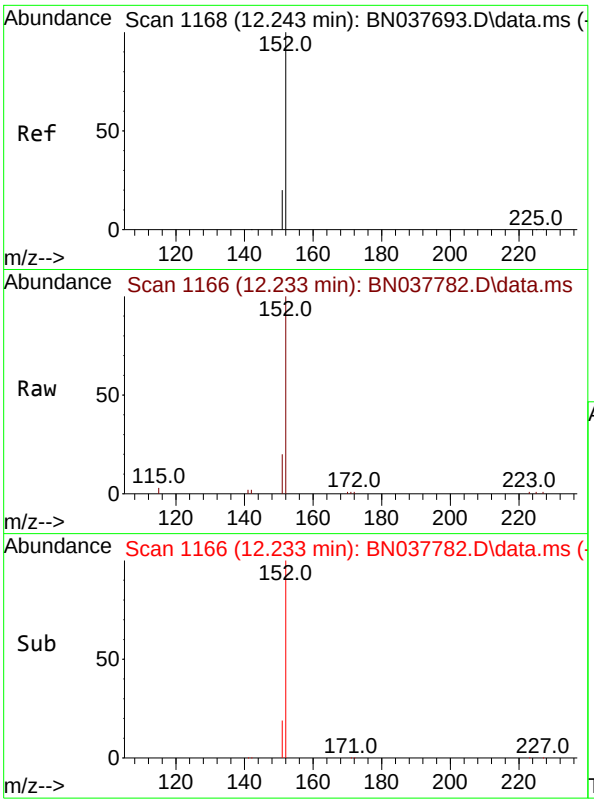


#9
Naphthalene
Concen: 0.022 ng
RT: 10.690 min Scan# 947
Delta R.T. -0.000 min
Lab File: BN037782.D
Acq: 18 Sep 2025 18:12

Tgt Ion:128 Resp: 1060

Ion	Ratio	Lower	Upper
128	100		
129	31.3	9.1	13.7#
127	25.7	10.9	16.3#



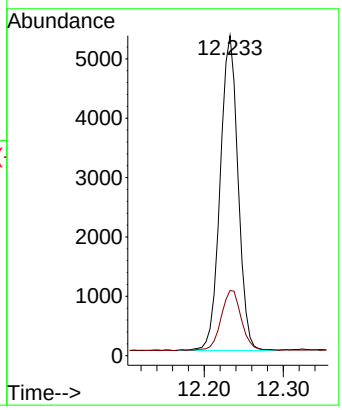


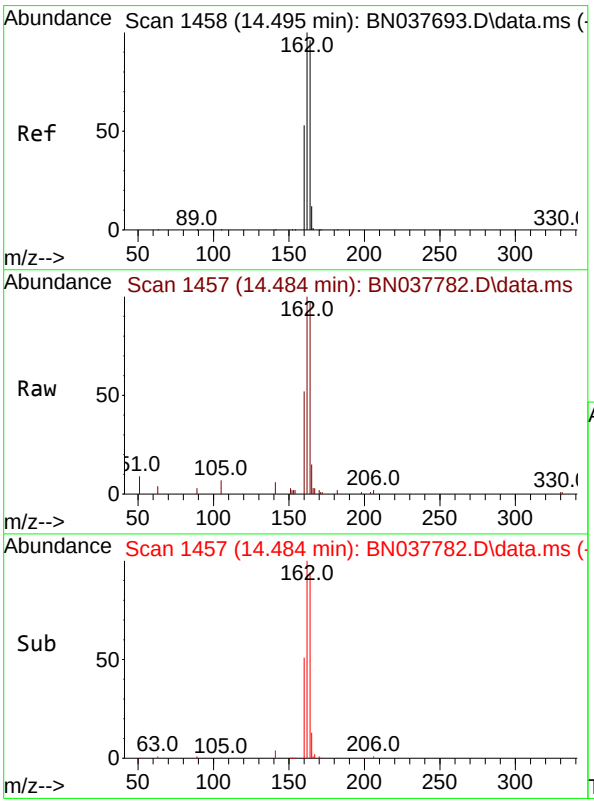
#11
2-Methylnaphthalene-d10
Concen: 0.355 ng
RT: 12.233 min Scan# 11
Delta R.T. -0.010 min
Lab File: BN037782.D
Acq: 18 Sep 2025 18:12

Instrument :
BNA_N
ClientSampleId :
MW3S

Tgt Ion:152 Resp: 8353

Ion	Ratio	Lower	Upper
152	100		
151	21.4	17.0	25.6

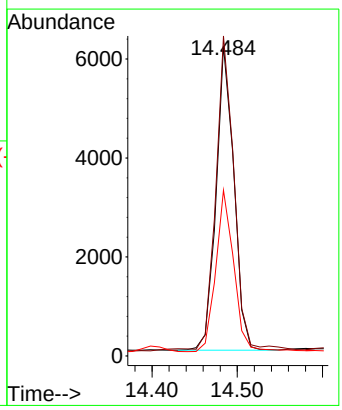


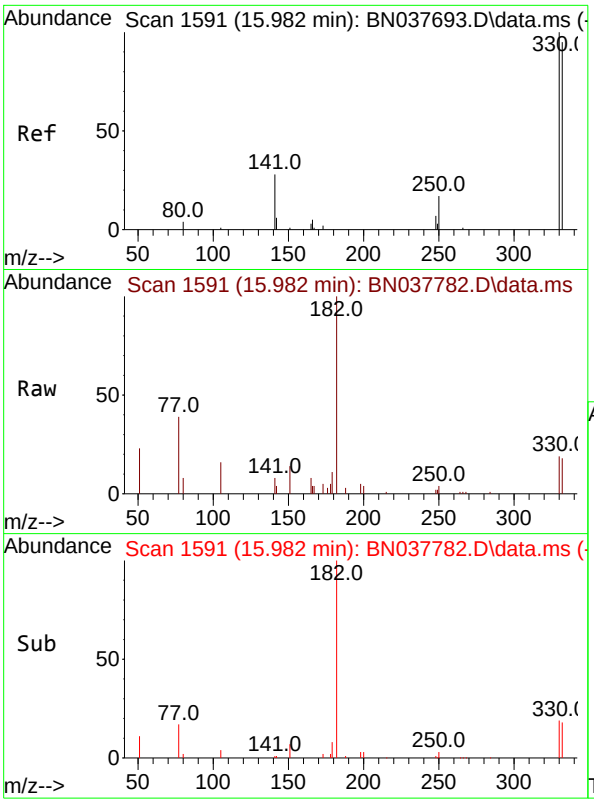


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.484 min Scan# 1457
Delta R.T. -0.011 min
Lab File: BN037782.D
Acq: 18 Sep 2025 18:12

Tgt Ion:164 Resp: 8899

Ion	Ratio	Lower	Upper
164	100		
162	103.2	83.1	124.7
160	53.5	44.3	66.5



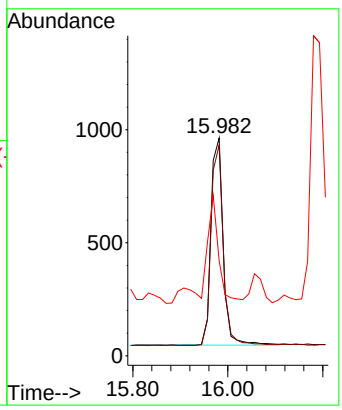


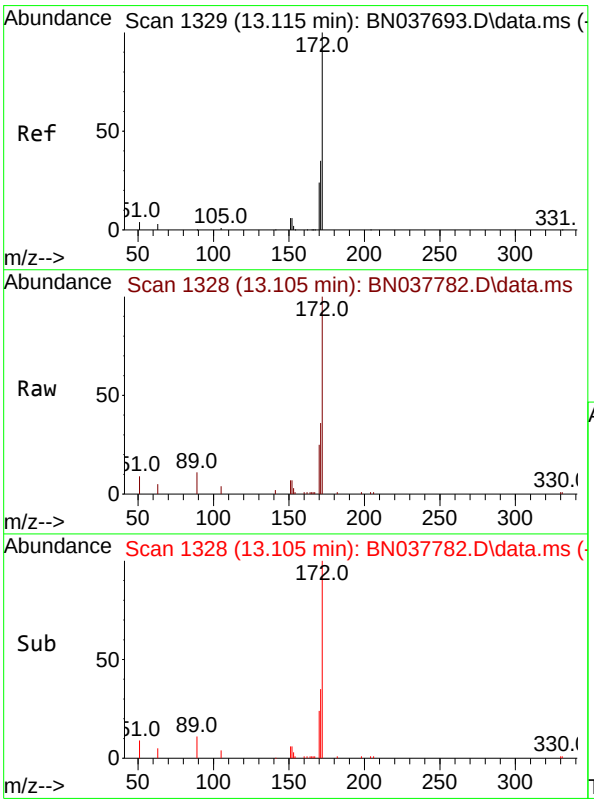
#14
2,4,6-Tribromophenol
Concen: 0.709 ng
RT: 15.982 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037782.D
Acq: 18 Sep 2025 18:12

Instrument :
BNA_N
ClientSampleId :
MW3S

Tgt Ion:330 Resp: 1646

Ion	Ratio	Lower	Upper
330	100		
332	96.5	75.3	112.9
141	47.2	35.0	52.4

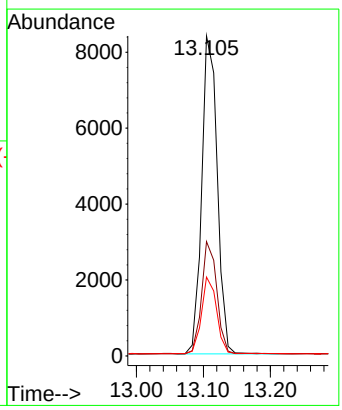


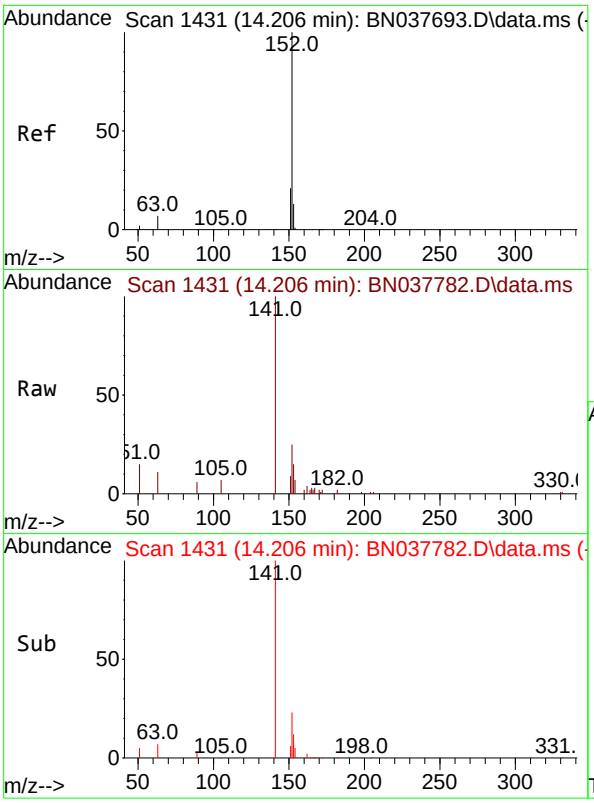


#15
2-Fluorobiphenyl
Concen: 0.363 ng
RT: 13.105 min Scan# 1328
Delta R.T. -0.011 min
Lab File: BN037782.D
Acq: 18 Sep 2025 18:12

Tgt Ion:172 Resp: 13500

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	43.0
170	24.7	19.8	29.8



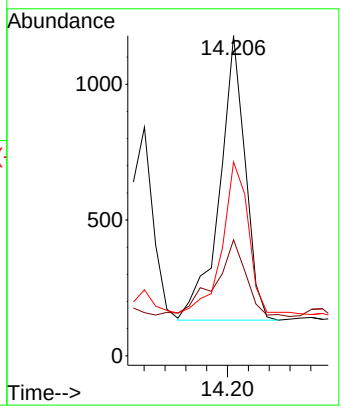


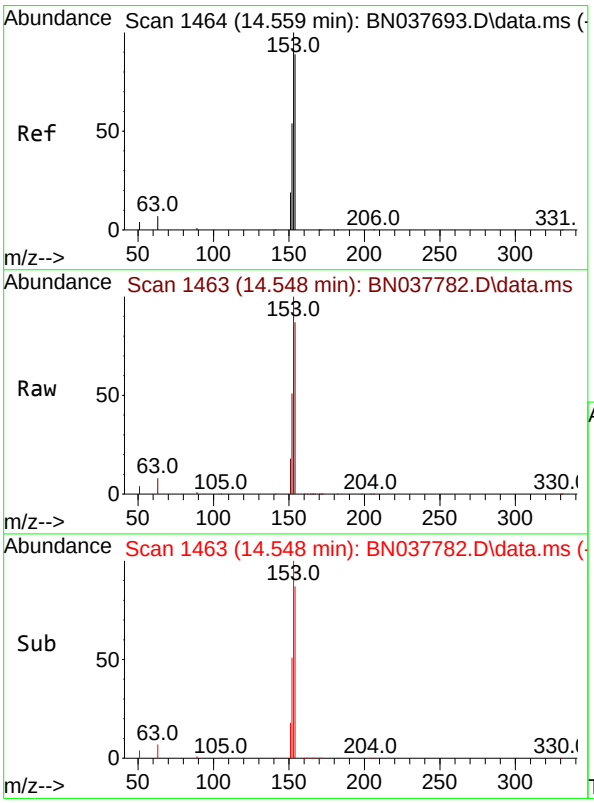
#16
Acenaphthylene
Concen: 0.044 ng
RT: 14.206 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN037782.D
Acq: 18 Sep 2025 18:12

Instrument :
BNA_N
ClientSampleId :
MW3S

Tgt Ion:152 Resp: 1793

Ion	Ratio	Lower	Upper
152	100		
151	33.3	16.2	24.2#
153	55.0	10.4	15.6#

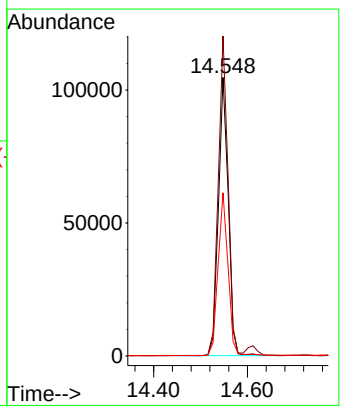


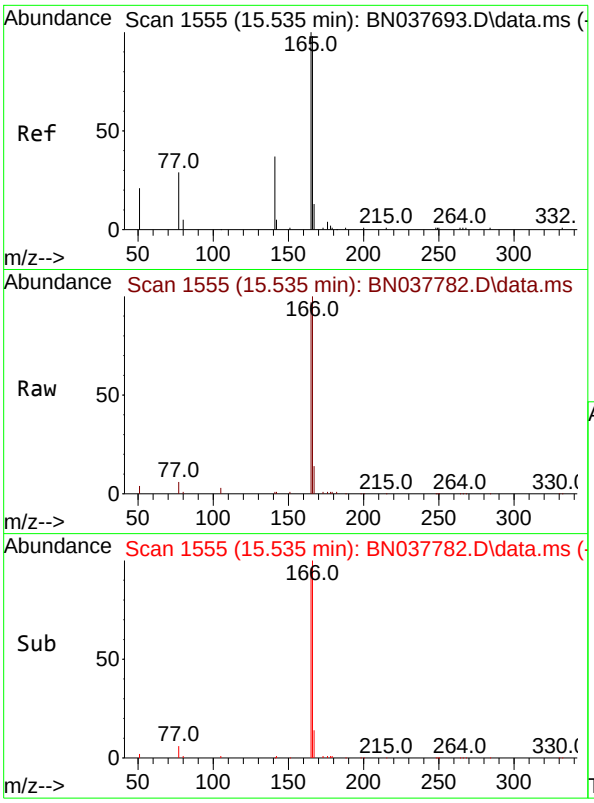


#17
Acenaphthene
Concen: 5.523 ng
RT: 14.548 min Scan# 1463
Delta R.T. -0.011 min
Lab File: BN037782.D
Acq: 18 Sep 2025 18:12

Tgt Ion:154 Resp: 152410

Ion	Ratio	Lower	Upper
154	100		
153	114.3	89.8	134.8
152	59.6	50.2	75.2



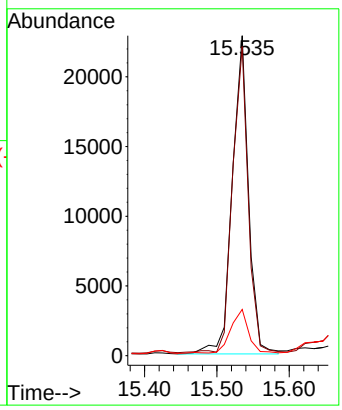


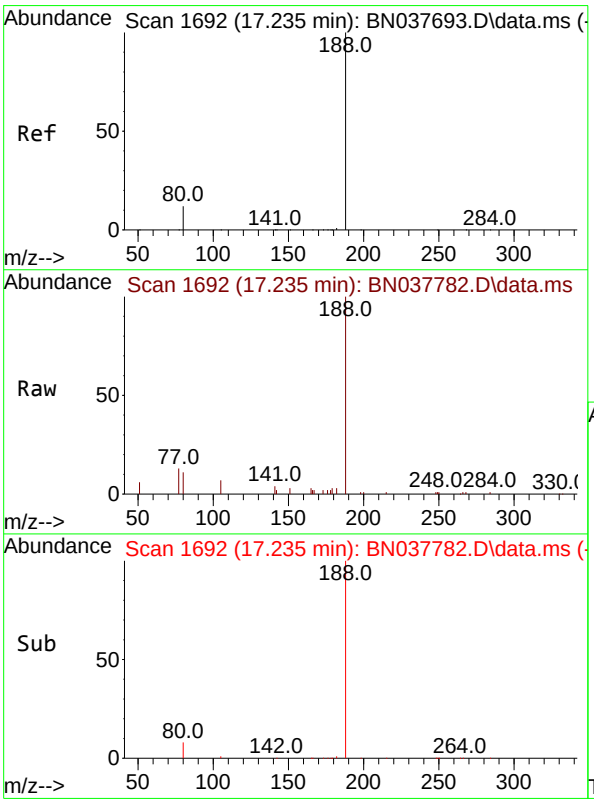
#18
Fluorene
Concen: 0.999 ng
RT: 15.535 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037782.D
Acq: 18 Sep 2025 18:12

Instrument :
BNA_N
ClientSampleId :
MW3S

Tgt Ion:166 Resp: 33401

Ion	Ratio	Lower	Upper
166	100		
165	92.3	79.6	119.4
167	15.5	10.6	16.0

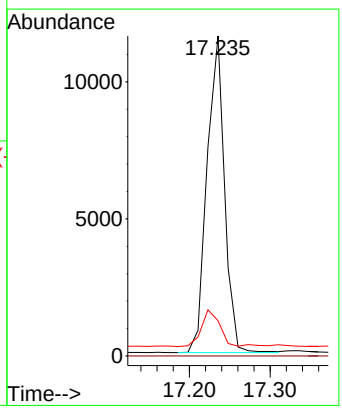


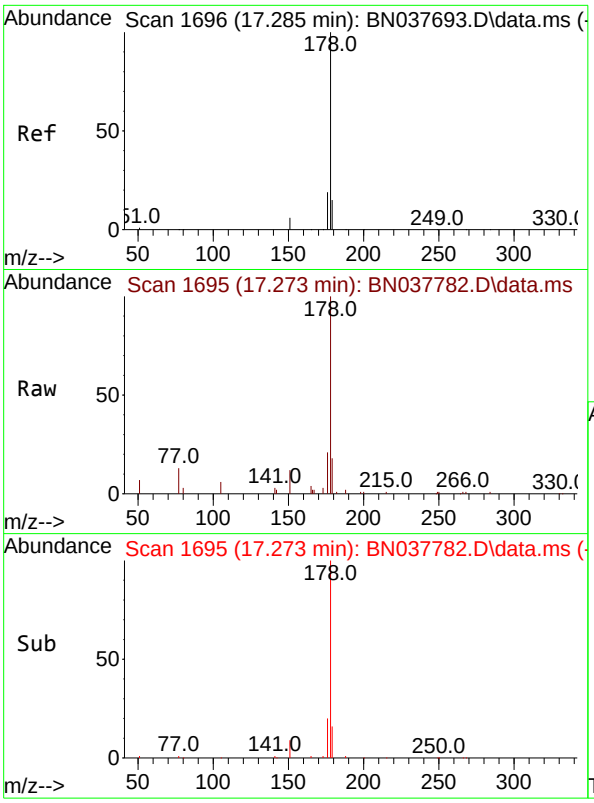


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.235 min Scan# 1692
Delta R.T. -0.000 min
Lab File: BN037782.D
Acq: 18 Sep 2025 18:12

Tgt Ion:188 Resp: 17415

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.0	10.6	15.8



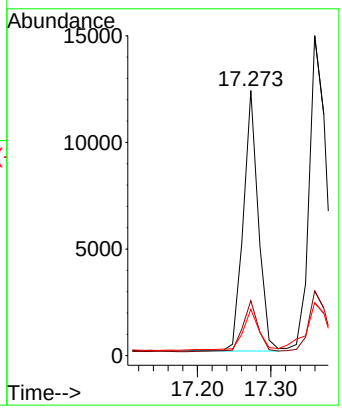


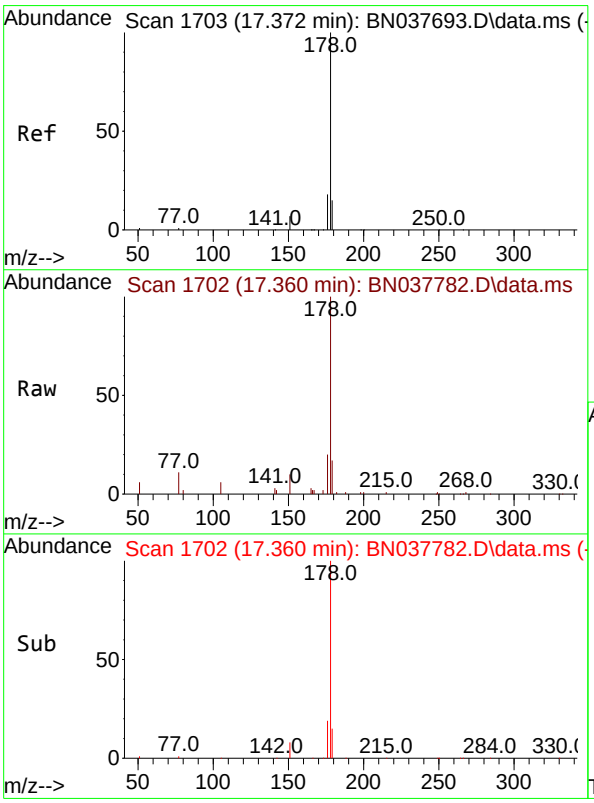
#25
Phenanthrene
Concen: 0.315 ng
RT: 17.273 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN037782.D
Acq: 18 Sep 2025 18:12

Instrument :
BNA_N
ClientSampleId :
MW3S

Tgt Ion:178 Resp: 17293

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.3	22.9
179	17.5	12.2	18.2

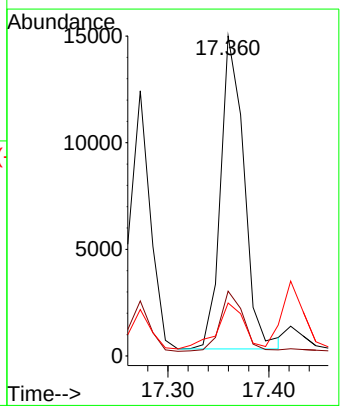


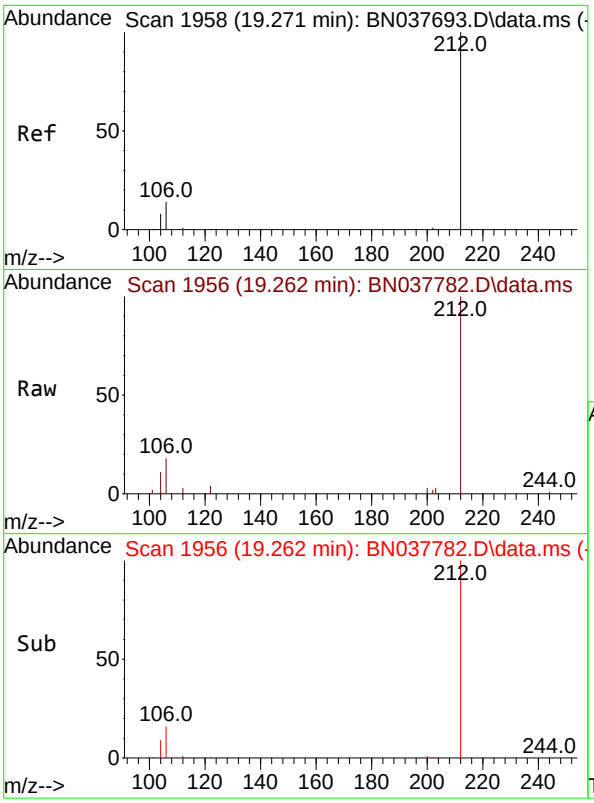


#26
Anthracene
Concen: 0.487 ng
RT: 17.360 min Scan# 1702
Delta R.T. -0.012 min
Lab File: BN037782.D
Acq: 18 Sep 2025 18:12

Tgt Ion:178 Resp: 23665

Ion	Ratio	Lower	Upper
178	100		
176	19.1	14.6	22.0
179	16.9	12.2	18.4



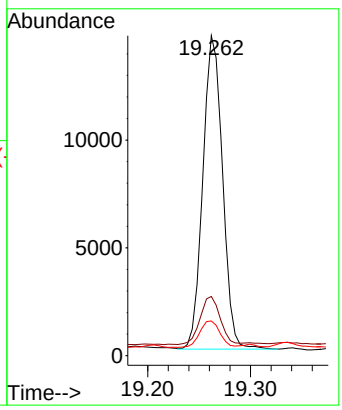


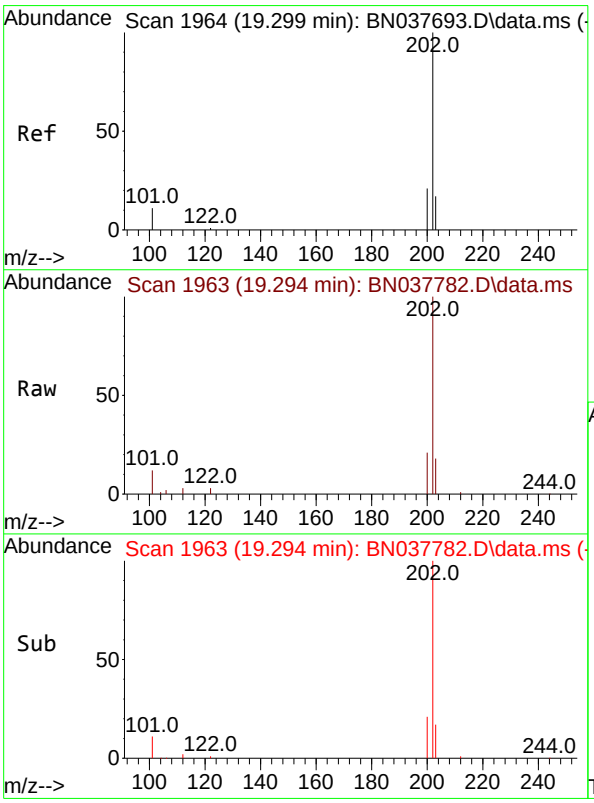
#27
Fluoranthene-d10
Concen: 0.443 ng
RT: 19.262 min Scan# 1
Delta R.T. -0.009 min
Lab File: BN037782.D
Acq: 18 Sep 2025 18:12

Instrument :
BNA_N
ClientSampleId :
MW3S

Tgt Ion:212 Resp: 19350

Ion	Ratio	Lower	Upper
212	100		
106	15.5	12.2	18.2
104	8.8	6.9	10.3

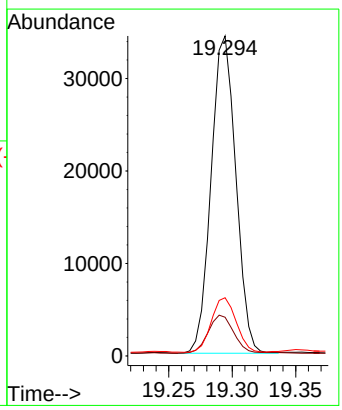


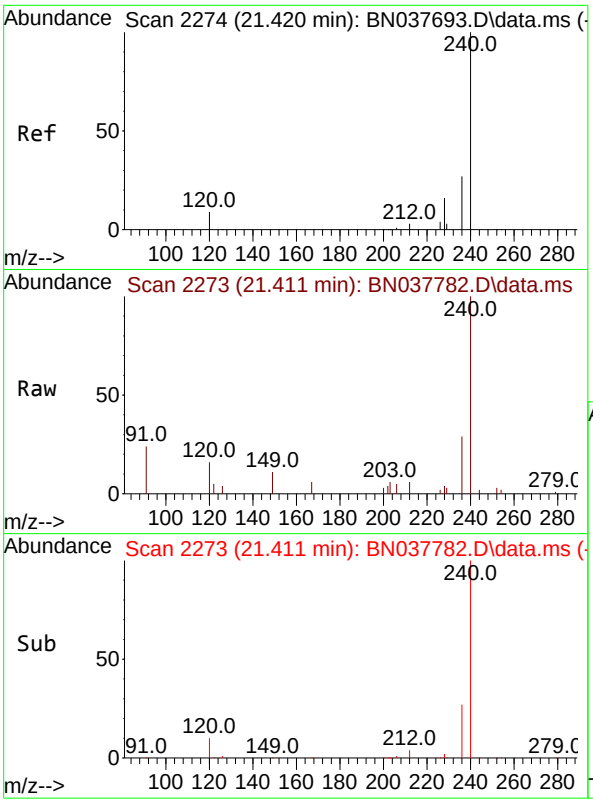


#28
Fluoranthene
Concen: 0.773 ng
RT: 19.294 min Scan# 1963
Delta R.T. -0.005 min
Lab File: BN037782.D
Acq: 18 Sep 2025 18:12

Tgt Ion:202 Resp: 46498

Ion	Ratio	Lower	Upper
202	100		
101	12.6	9.3	13.9
203	17.1	13.7	20.5



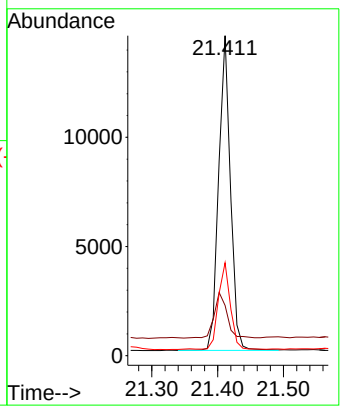


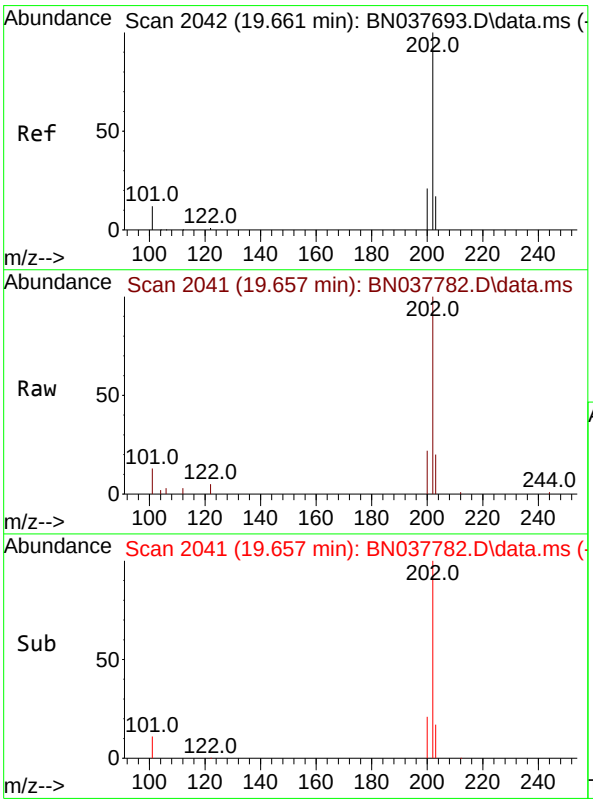
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.411 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN037782.D
Acq: 18 Sep 2025 18:12

Instrument :
BNA_N
ClientSampleId :
MW3S

Tgt Ion:240 Resp: 17835

Ion	Ratio	Lower	Upper
240	100		
120	15.7	9.2	13.8#
236	29.1	22.6	33.8

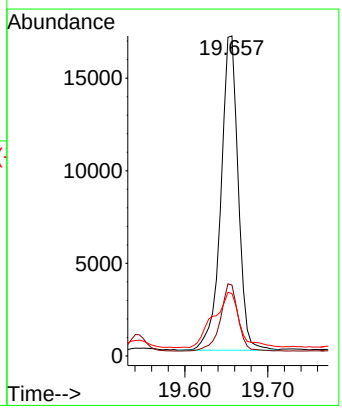


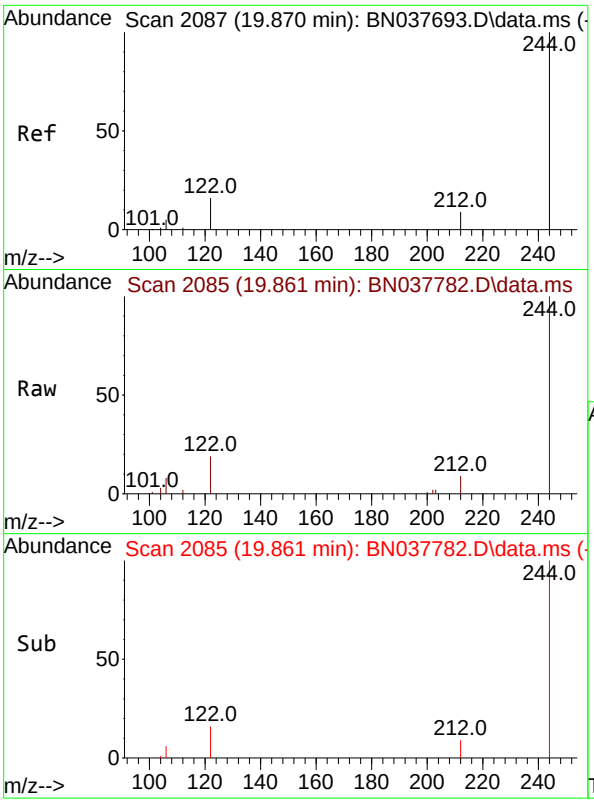


#30
Pyrene
Concen: 0.351 ng
RT: 19.657 min Scan# 2041
Delta R.T. -0.005 min
Lab File: BN037782.D
Acq: 18 Sep 2025 18:12

Tgt Ion:202 Resp: 24513

Ion	Ratio	Lower	Upper
202	100		
200	21.8	16.8	25.2
203	26.5	14.3	21.5#



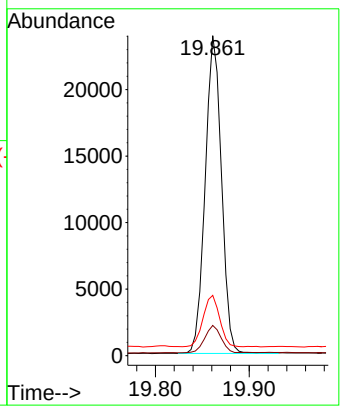


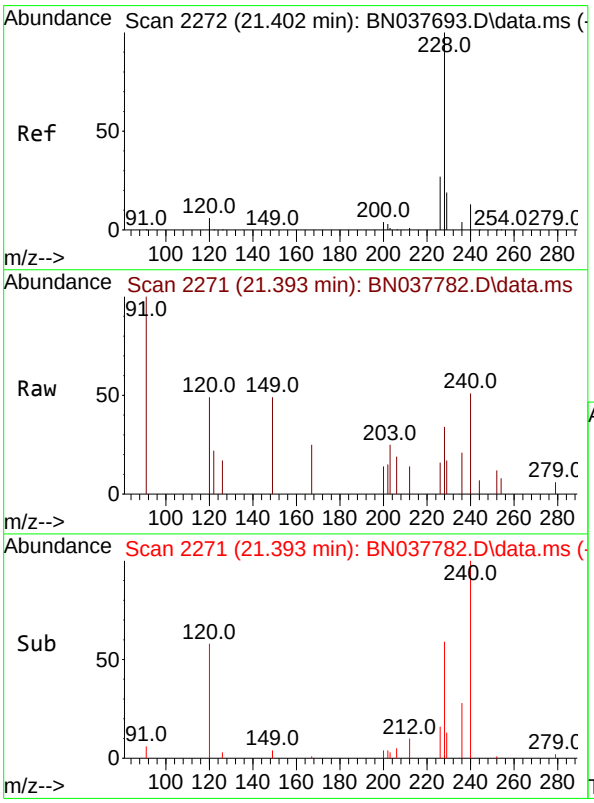
#31
Terphenyl-d14
Concen: 0.796 ng
RT: 19.861 min Scan# 2(
Delta R.T. -0.009 min
Lab File: BN037782.D
Acq: 18 Sep 2025 18:12

Instrument :
BNA_N
ClientSampleId :
MW3S

Tgt Ion:244 Resp: 28826

Ion	Ratio	Lower	Upper
244	100		
212	9.5	7.5	11.3
122	18.8	13.2	19.8

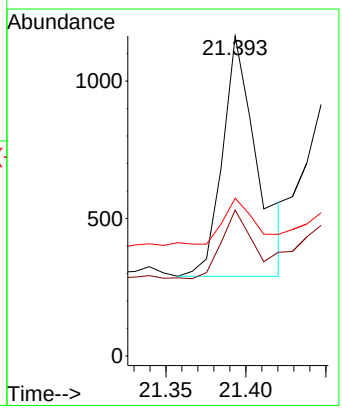


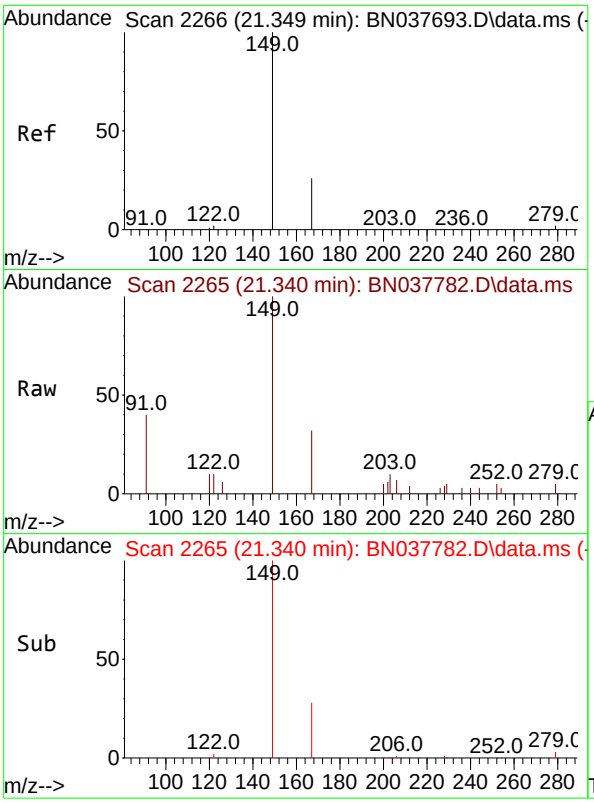


#32
Benzo(a)anthracene
Concen: 0.021 ng
RT: 21.393 min Scan# 2271
Delta R.T. -0.009 min
Lab File: BN037782.D
Acq: 18 Sep 2025 18:12

Tgt Ion:228 Resp: 1311

Ion	Ratio	Lower	Upper
228	100		
226	45.6	22.2	33.2#
229	49.3	15.8	23.6#



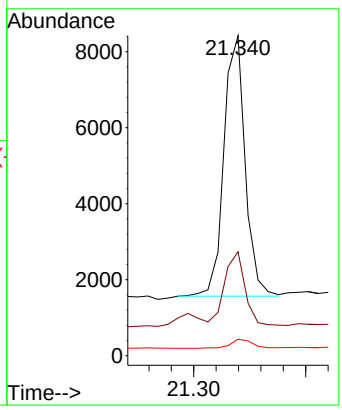


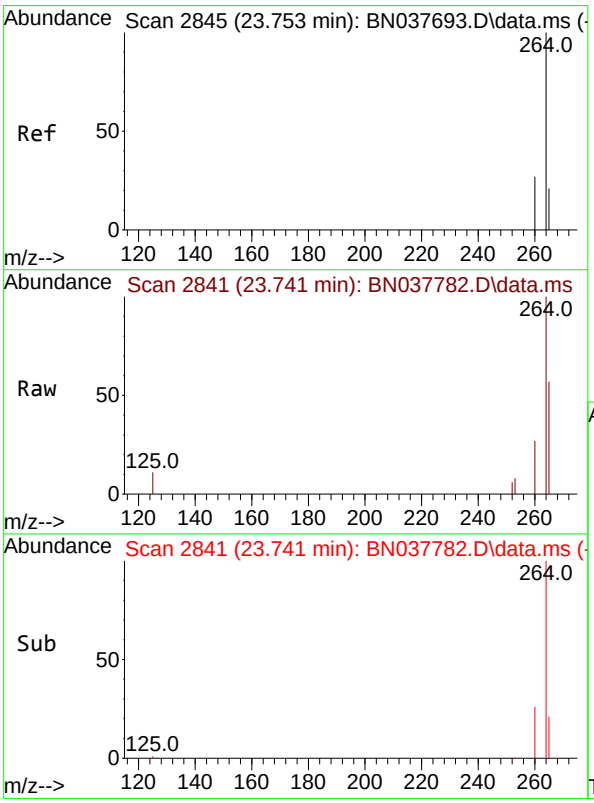
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.491 ng
RT: 21.340 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN037782.D
Acq: 18 Sep 2025 18:12

Instrument :
BNA_N
ClientSampleId :
MW3S

Tgt Ion:149 Resp: 9051

Ion	Ratio	Lower	Upper
149	100		
167	26.8	20.8	31.2
279	3.7	3.3	4.9





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.741 min Scan# 2841
Delta R.T. -0.012 min
Lab File: BN037782.D
Acq: 18 Sep 2025 18:12

Tgt Ion:264 Resp: 19008

Ion	Ratio	Lower	Upper
264	100		
260	26.9	21.8	32.8
265	56.9	39.4	59.2