Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060925\
Data File : BN037209.D
Acq On : 10 Jun 2025 02:12
Operator : RC/JU
Sample : Q2234-07
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Jun 10 04:05:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 04 01:52:03 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.589	152	2075	0.400	ng	0.00
7) Naphthalene-d8	10.361	136	5375	0.400	ng	#-0.01
13) Acenaphthene-d10	14.234	164	3061	0.400	ng	0.00
19) Phenanthrene-d10	16.984	188	5755	0.400	ng	0.00
29) Chrysene-d12	21.180	240	3593	0.400	ng	# 0.00
35) Perylene-d12	23.374	264	3061	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.184	112	1124	0.219	ng	0.00
5) Phenol-d6	6.773	99	919	0.148	ng	0.00
8) Nitrobenzene-d5	8.739	82	2331	0.411	ng	0.00
11) 2-Methylnaphthalene-d10	11.965	152	2886	0.386	ng	0.00
14) 2,4,6-Tribromophenol	15.730	330	560	0.454	ng	-0.01
15) 2-Fluorobiphenyl	12.858	172	5407	0.414	ng	0.00
27) Fluoranthene-d10	19.026	212	6173	0.422	ng	0.00
31) Terphenyl-d14	19.630	244	5287	0.625	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.111	88	15105	5.461	ng	96
3) n-Nitrosodimethylamine	3.350	42	751	0.135	ng	# 26
9) Naphthalene	10.415	128	1782	0.115	ng	# 92
12) 2-Methylnaphthalene	12.041	142	277	0.028	ng	# 90
17) Acenaphthene	14.299	154	706	0.072	ng	99
18) Fluorene	15.293	166	795	0.062	ng	93
20) 4,6-Dinitro-2-methylph...	15.410	198	3	0.276	ng	# 1
24) Pentachlorophenol	16.649	266	17	0.222	ng	# 66
25) Phenanthrene	17.021	178	10041	0.539	ng	100
26) Anthracene	17.021	178	10041	0.590	ng	98
28) Fluoranthene	19.054	202	7738	0.376	ng	99
30) Pyrene	19.416	202	5158	0.294	ng	# 93
32) Benzo(a)anthracene	21.171	228	470	0.036	ng	# 76
33) Chrysene	21.215	228	659	0.046	ng	# 85
34) Bis(2-ethylhexyl)phtha...	21.108	149	1263	0.154	ng	100

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

Quantitation Report (Not Reviewed)

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Misc :
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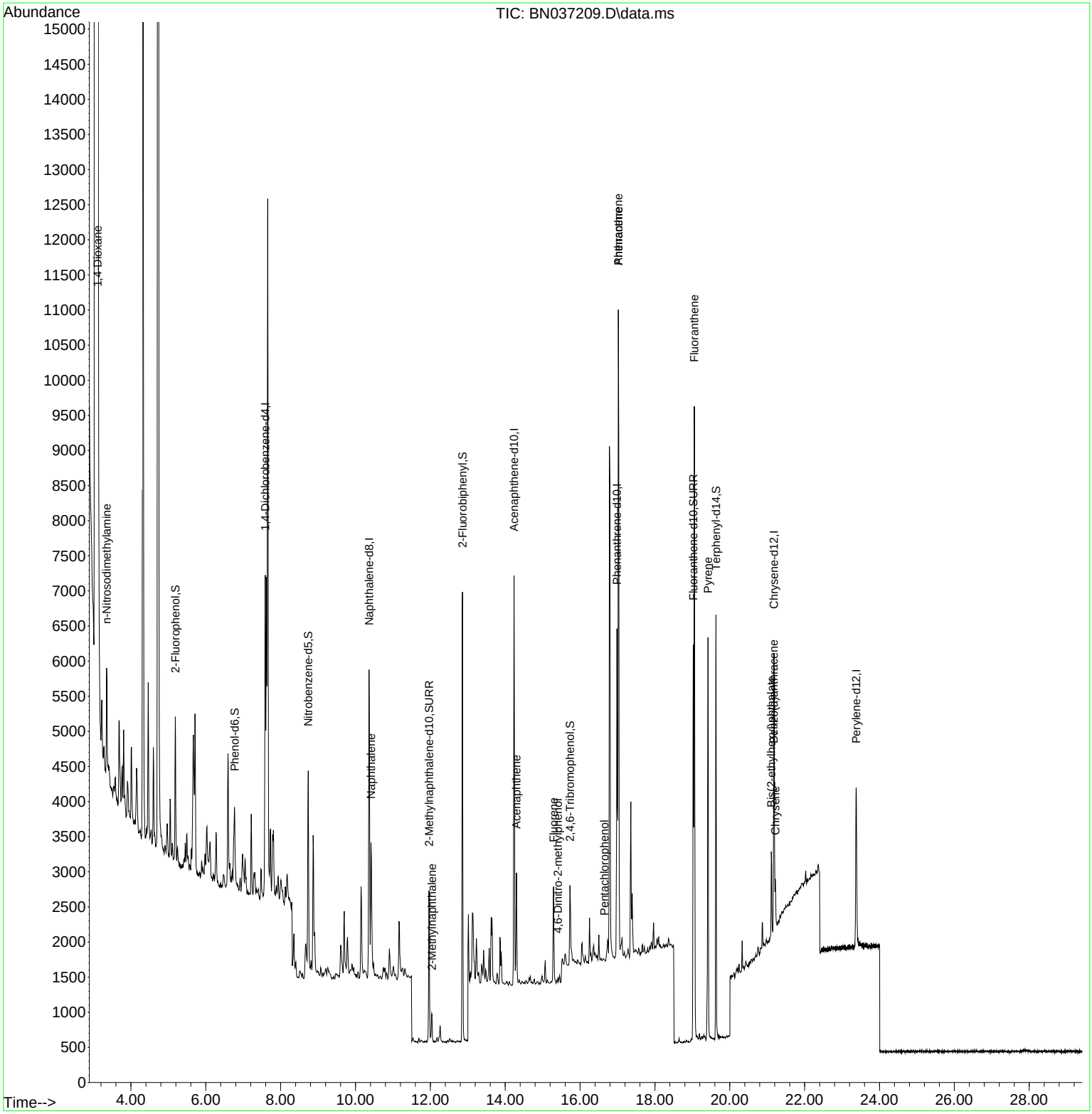
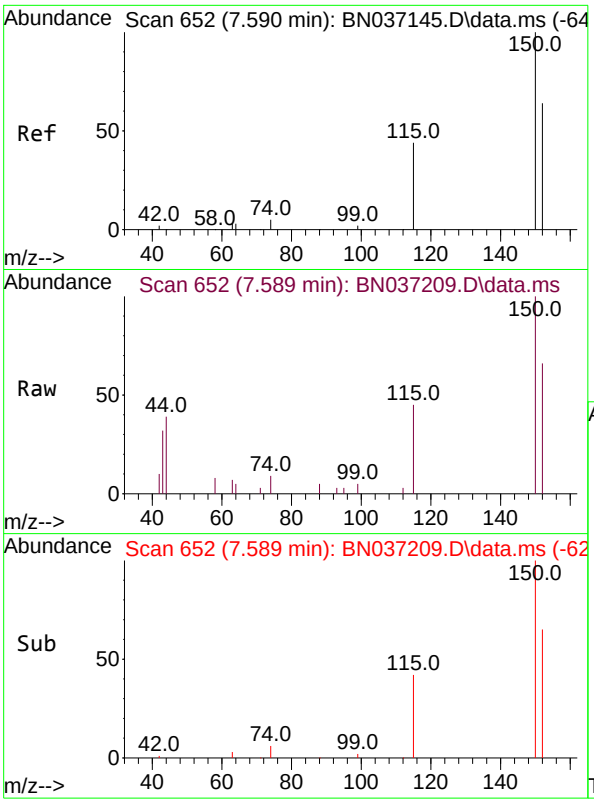


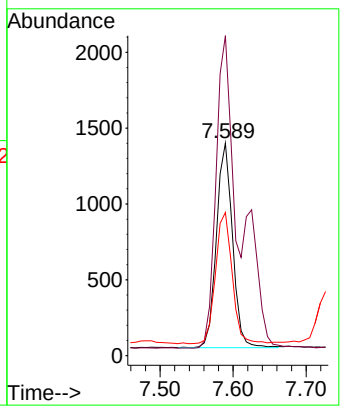


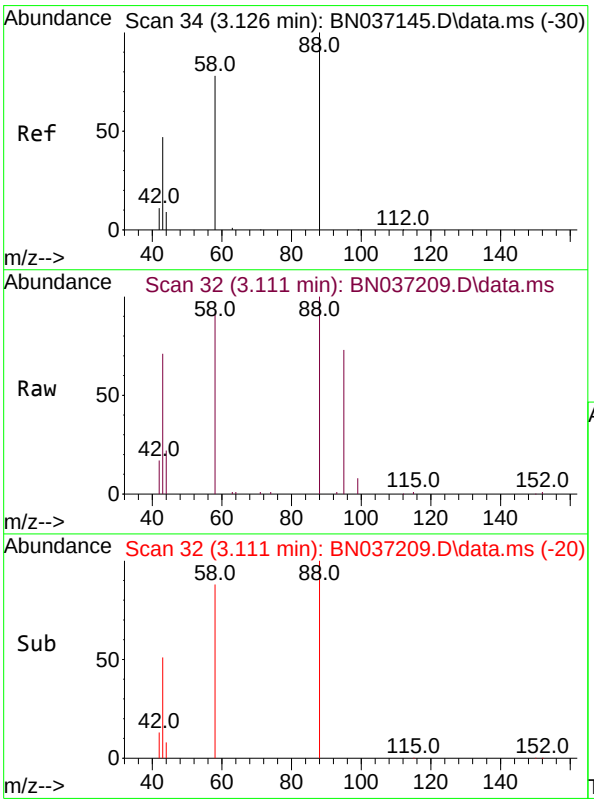
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.589 min Scan# 6
Delta R.T. -0.001 min
Lab File: BN037209.D
Acq: 10 Jun 2025 02:12

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 2075

Ion	Ratio	Lower	Upper
152	100		
150	150.5	123.2	184.8
115	67.3	56.6	85.0

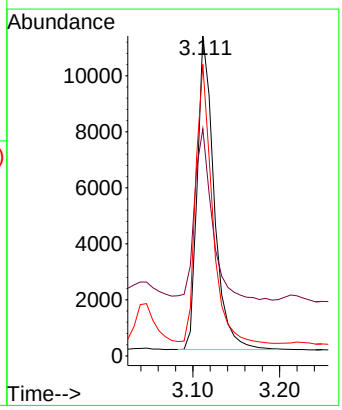


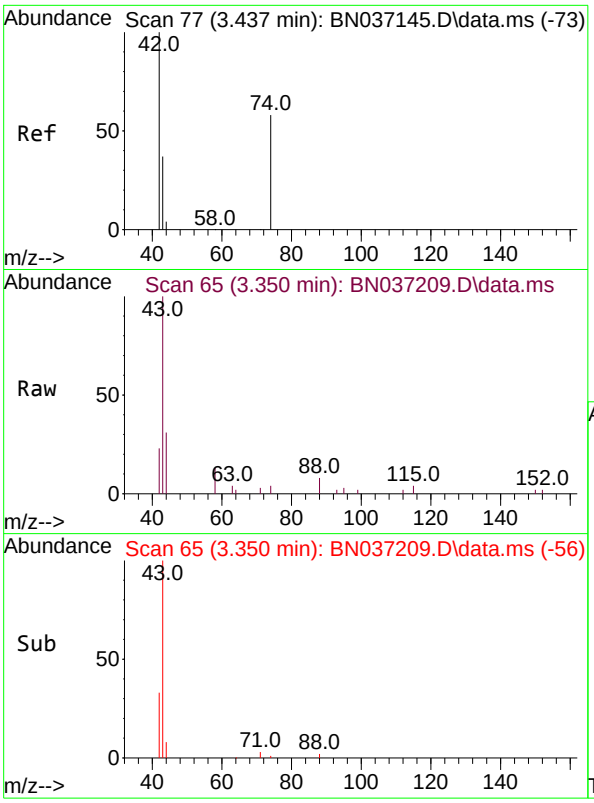


#2
1,4-Dioxane
Concen: 5.461 ng
RT: 3.111 min Scan# 32
Delta R.T. -0.015 min
Lab File: BN037209.D
Acq: 10 Jun 2025 02:12

Tgt Ion: 88 Resp: 15105

Ion	Ratio	Lower	Upper
88	100		
43	57.6	43.5	65.3
58	87.7	67.7	101.5



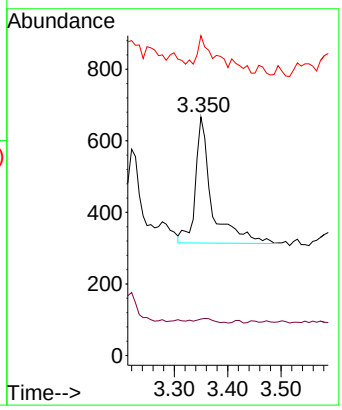


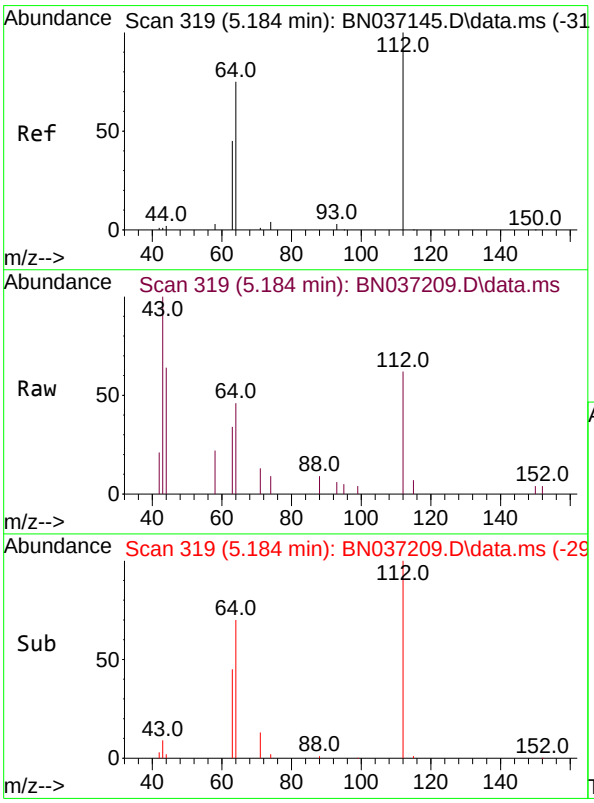
#3
n-Nitrosodimethylamine
Concen: 0.135 ng
RT: 3.350 min Scan# 6
Delta R.T. -0.087 min
Lab File: BN037209.D
Acq: 10 Jun 2025 02:12

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 751

Ion	Ratio	Lower	Upper
42	100		
74	4.1	53.0	79.4#
44	19.8	5.9	8.9#

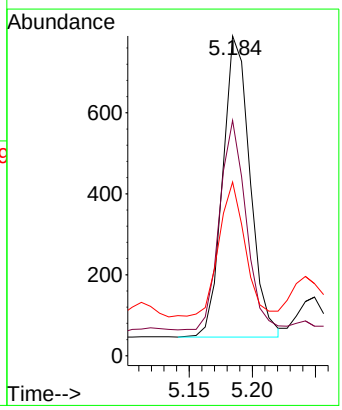


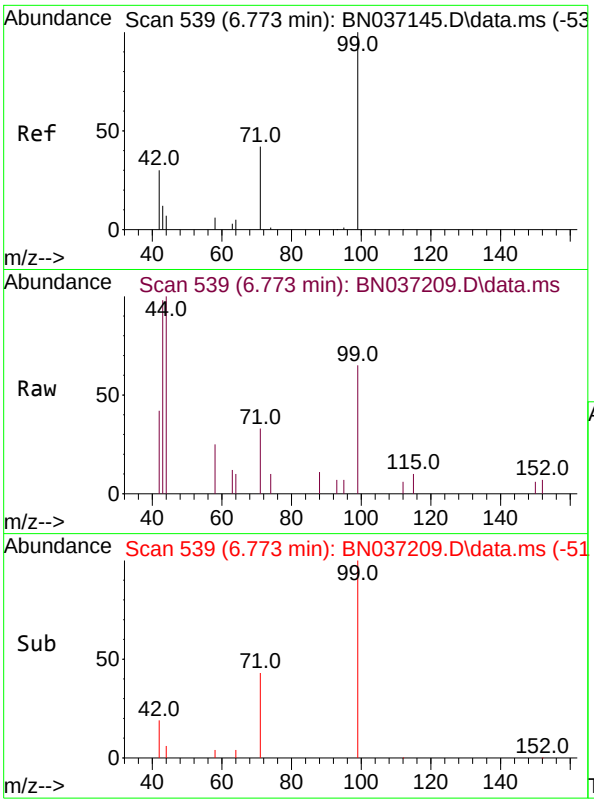


#4
2-Fluorophenol
Concen: 0.219 ng
RT: 5.184 min Scan# 319
Delta R.T. -0.000 min
Lab File: BN037209.D
Acq: 10 Jun 2025 02:12

Tgt Ion:112 Resp: 1124

Ion	Ratio	Lower	Upper
112	100		
64	67.5	56.3	84.5
63	42.9	36.2	54.4



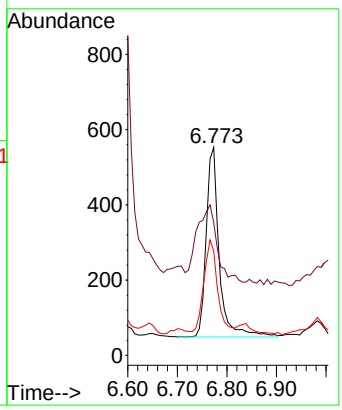


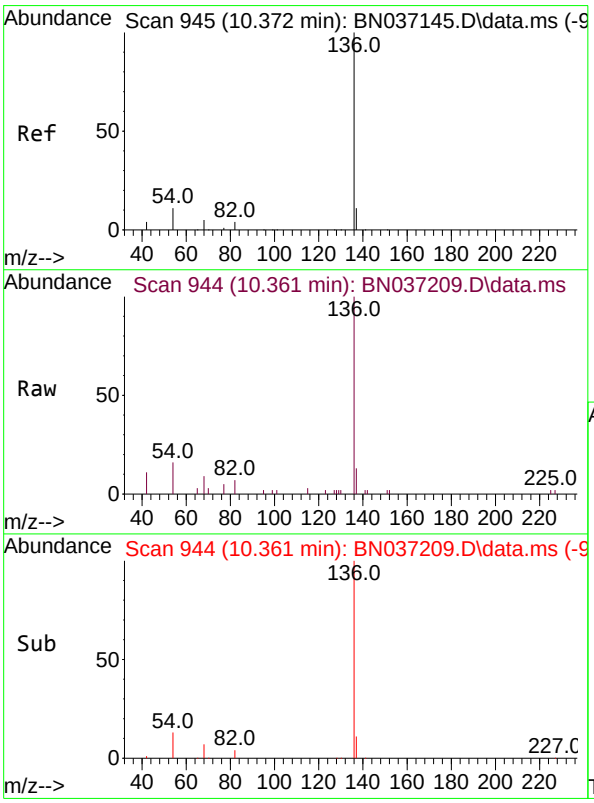
#5
Phenol-d6
Concen: 0.148 ng
RT: 6.773 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN037209.D
Acq: 10 Jun 2025 02:12

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 919

Ion	Ratio	Lower	Upper
99	100		
42	62.8	31.3	46.9#
71	50.4	38.2	57.2

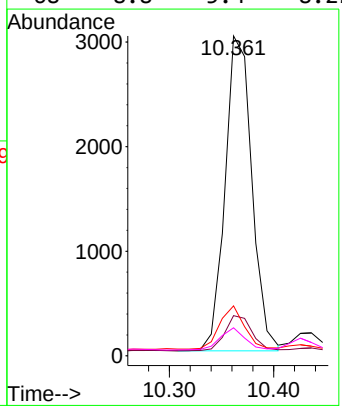


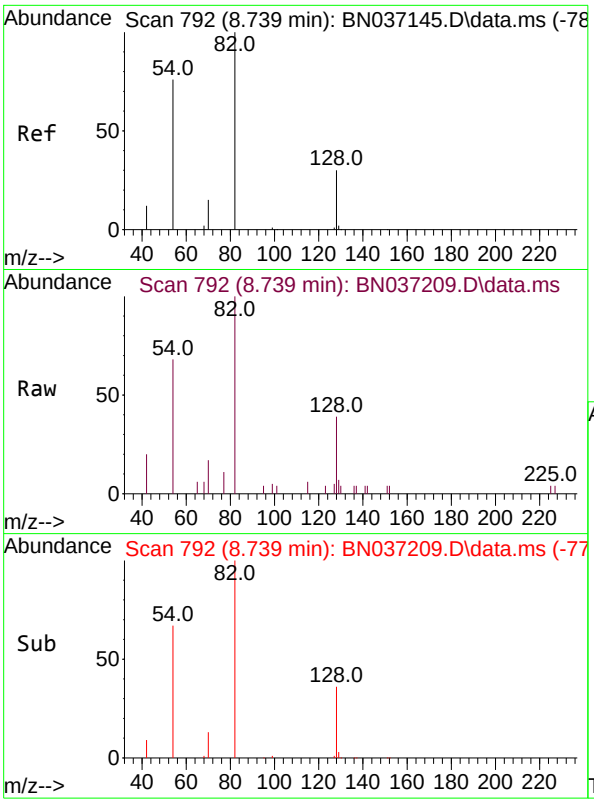


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.361 min Scan# 944
Delta R.T. -0.011 min
Lab File: BN037209.D
Acq: 10 Jun 2025 02:12

Tgt Ion:136 Resp: 5375

Ion	Ratio	Lower	Upper
136	100		
137	12.6	9.7	14.5
54	15.6	9.7	14.5#
68	8.8	5.4	8.2#



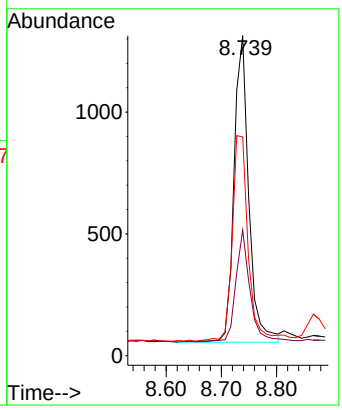


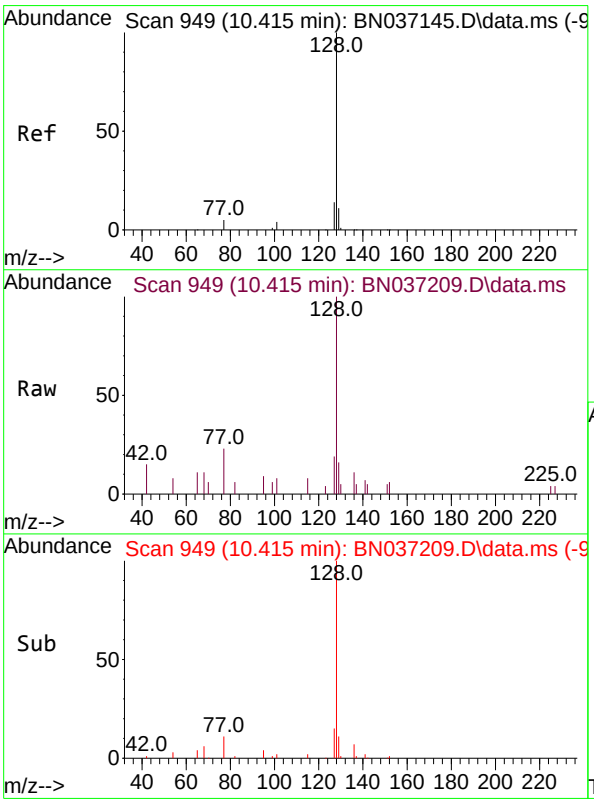
#8
Nitrobenzene-d5
Concen: 0.411 ng
RT: 8.739 min Scan# 79
Delta R.T. -0.000 min
Lab File: BN037209.D
Acq: 10 Jun 2025 02:12

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 82 Resp: 2331

Ion	Ratio	Lower	Upper
82	100		
128	39.3	26.9	40.3
54	68.3	61.4	92.2

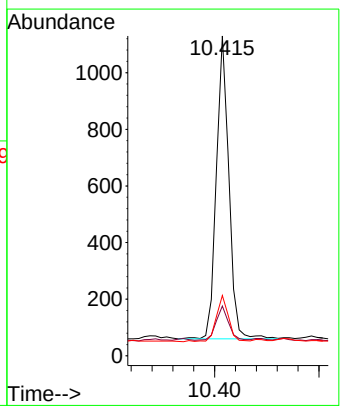


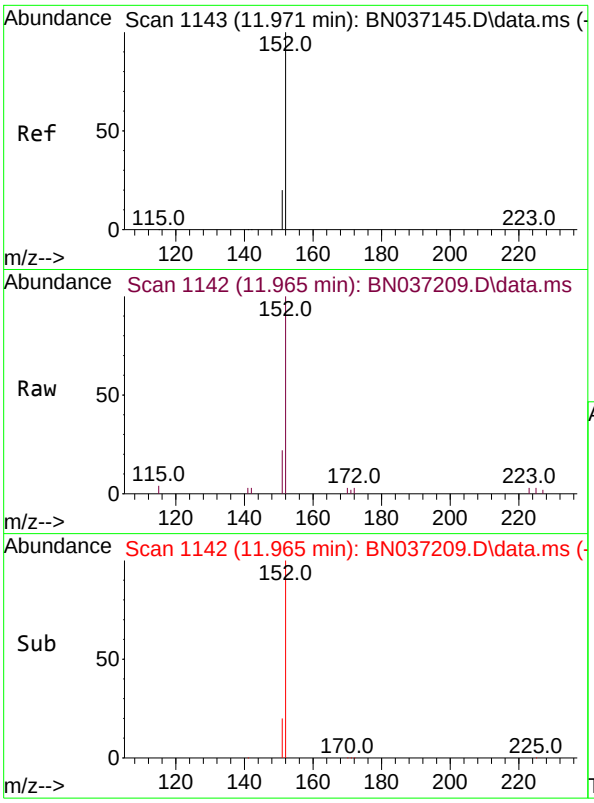


#9
Naphthalene
Concen: 0.115 ng
RT: 10.415 min Scan# 949
Delta R.T. -0.000 min
Lab File: BN037209.D
Acq: 10 Jun 2025 02:12

Tgt Ion:128 Resp: 1782

Ion	Ratio	Lower	Upper
128	100		
129	15.6	9.8	14.8#
127	18.8	12.3	18.5#



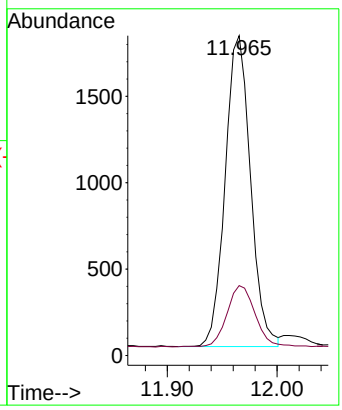


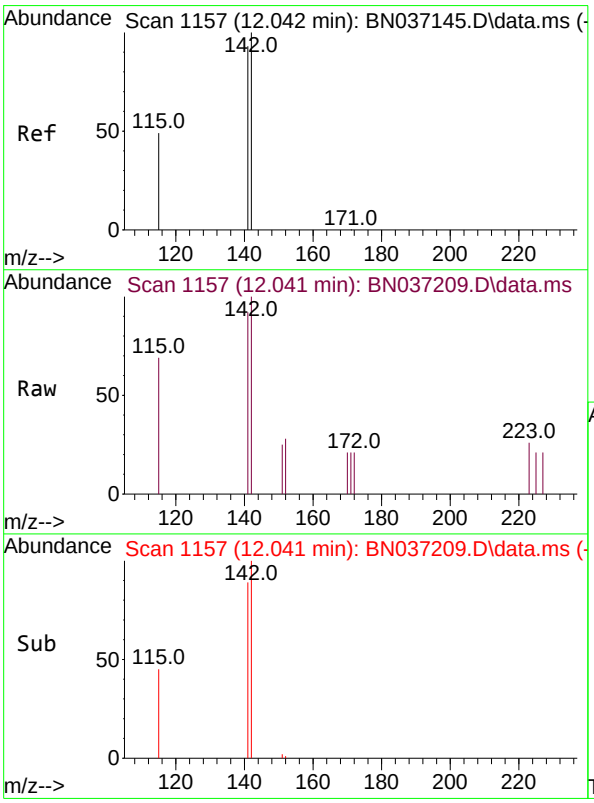
#11
2-Methylnaphthalene-d10
Concen: 0.386 ng
RT: 11.965 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN037209.D
Acq: 10 Jun 2025 02:12

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 2886

Ion	Ratio	Lower	Upper
152	100		
151	22.1	17.1	25.7

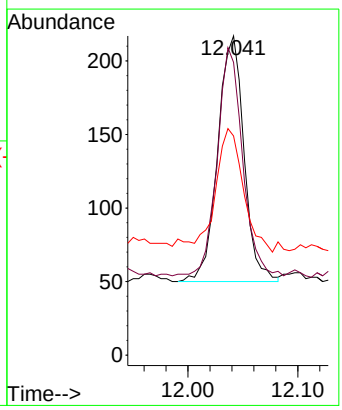


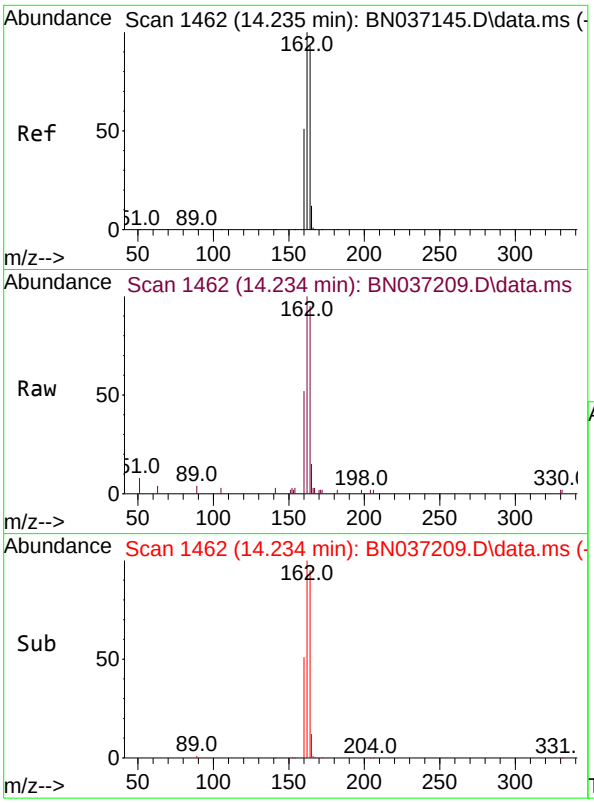


#12
2-Methylnaphthalene
Concen: 0.028 ng
RT: 12.041 min Scan# 1157
Delta R.T. -0.000 min
Lab File: BN037209.D
Acq: 10 Jun 2025 02:12

Tgt Ion:142 Resp: 277

Ion	Ratio	Lower	Upper
142	100		
141	91.7	74.6	111.8
115	68.7	41.0	61.4#



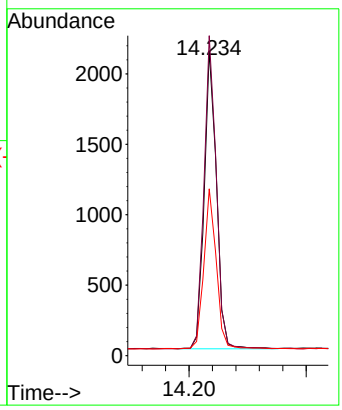


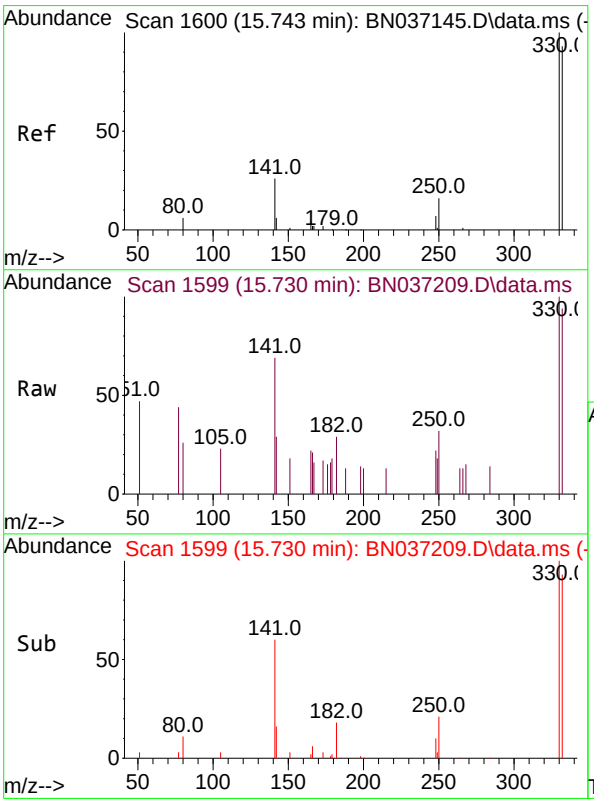
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.234 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN037209.D
Acq: 10 Jun 2025 02:12

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 3061

Ion	Ratio	Lower	Upper
164	100		
162	105.0	85.5	128.3
160	54.7	44.6	67.0

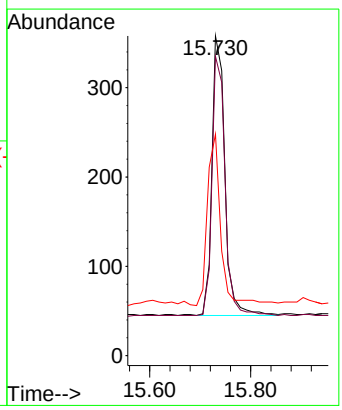


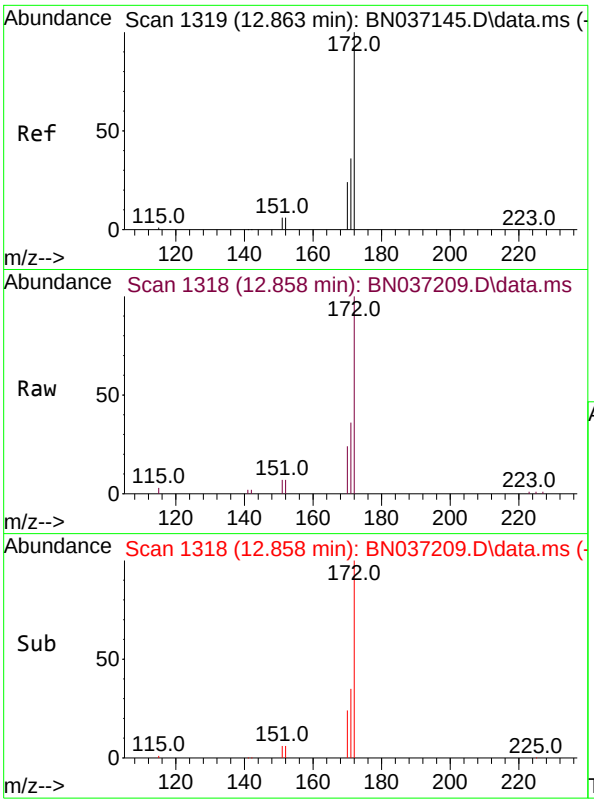


#14
2,4,6-Tribromophenol
Concen: 0.454 ng
RT: 15.730 min Scan# 1599
Delta R.T. -0.013 min
Lab File: BN037209.D
Acq: 10 Jun 2025 02:12

Tgt Ion:330 Resp: 560

Ion	Ratio	Lower	Upper
330	100		
332	93.0	77.1	115.7
141	62.0	46.4	69.6



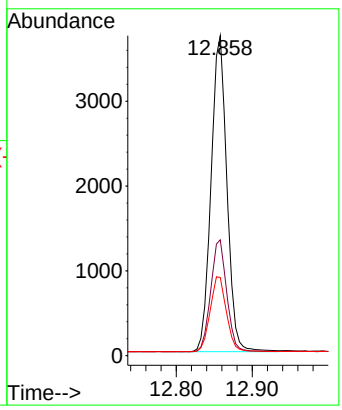


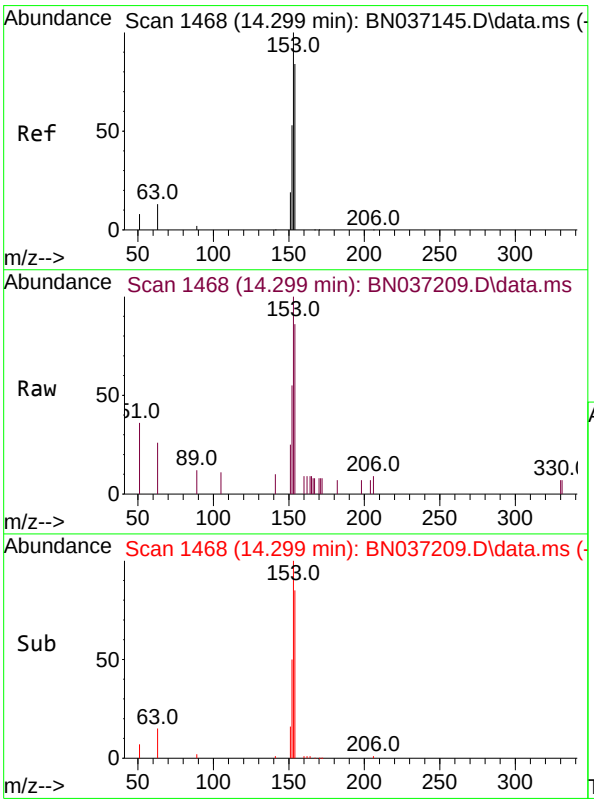
#15
2-Fluorobiphenyl
Concen: 0.414 ng
RT: 12.858 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN037209.D
Acq: 10 Jun 2025 02:12

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 5407

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	24.5	20.3	30.5

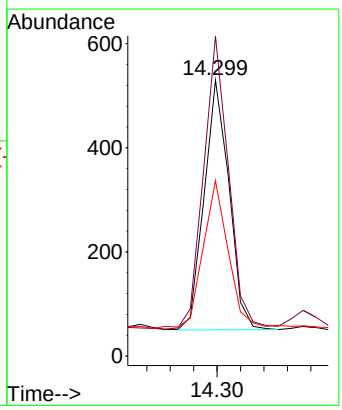


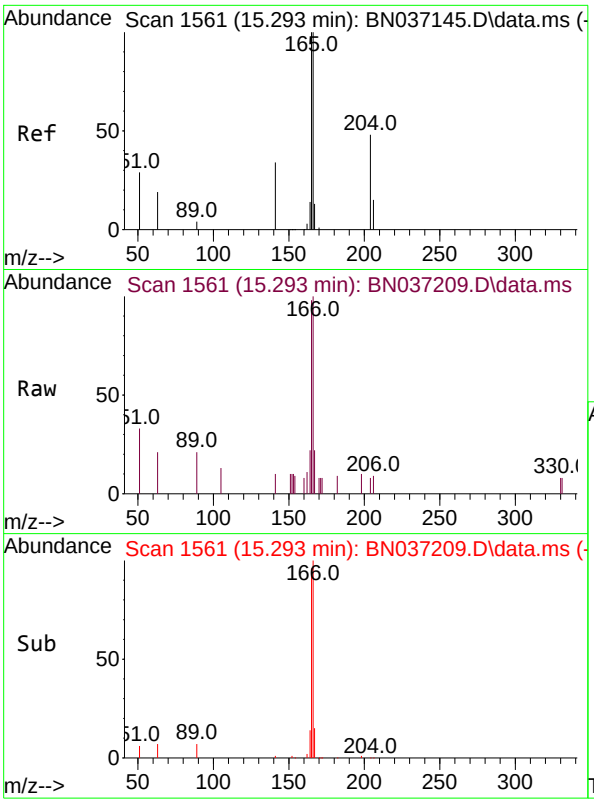


#17
Acenaphthene
Concen: 0.072 ng
RT: 14.299 min Scan# 1468
Delta R.T. -0.000 min
Lab File: BN037209.D
Acq: 10 Jun 2025 02:12

Tgt Ion:154 Resp: 706

Ion	Ratio	Lower	Upper
154	100		
153	118.3	93.8	140.8
152	62.7	50.5	75.7



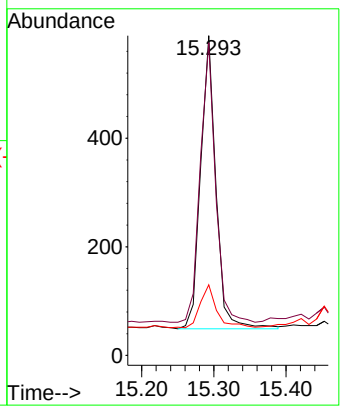


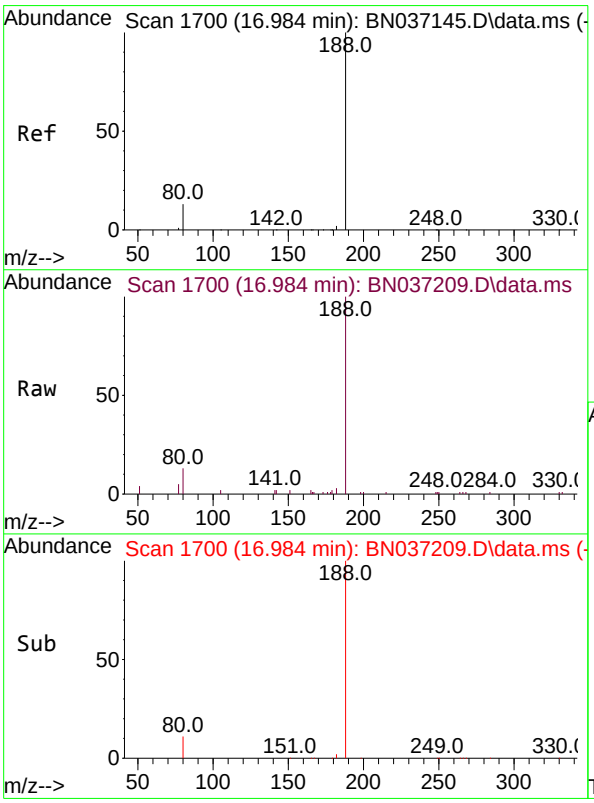
#18
Fluorene
Concen: 0.062 ng
RT: 15.293 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037209.D
Acq: 10 Jun 2025 02:12

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 795

Ion	Ratio	Lower	Upper
166	100		
165	94.6	81.1	121.7
167	15.8	10.8	16.2

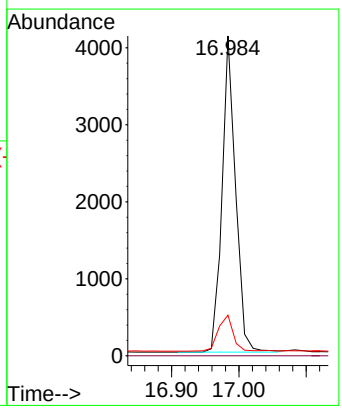


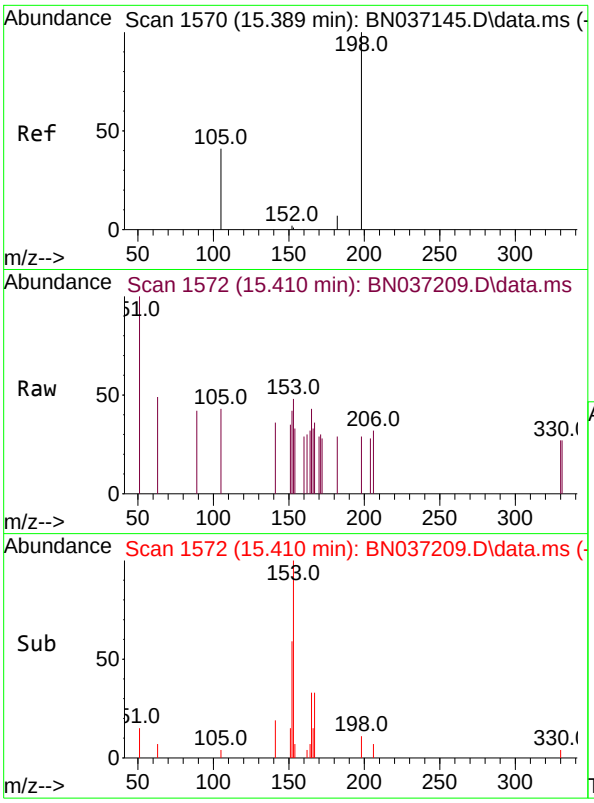


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.984 min Scan# 1700
Delta R.T. -0.000 min
Lab File: BN037209.D
Acq: 10 Jun 2025 02:12

Tgt Ion:188 Resp: 5755

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.7	11.3	16.9



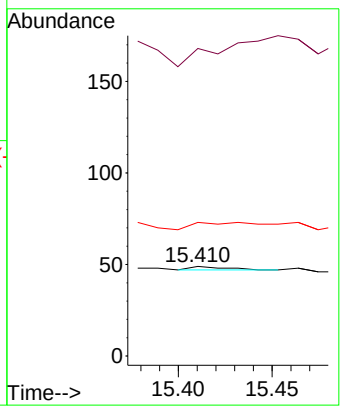


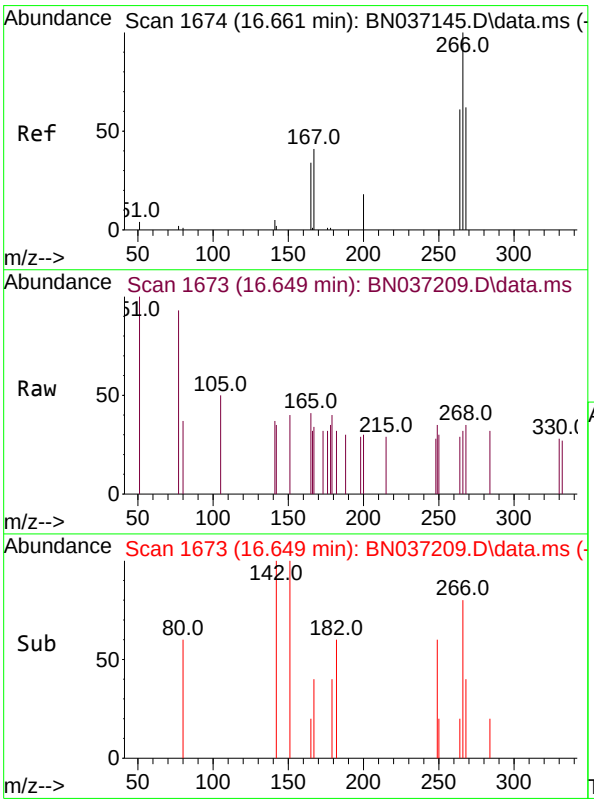
#20
4,6-Dinitro-2-methylphenol
Concen: 0.276 ng
RT: 15.410 min Scan# 1
Delta R.T. 0.021 min
Lab File: BN037209.D
Acq: 10 Jun 2025 02:12

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:198 Resp: 3

Ion	Ratio	Lower	Upper
198	100		
51	342.9	125.2	187.8#
105	149.0	57.1	85.7#

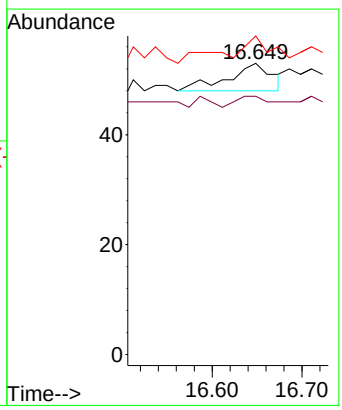


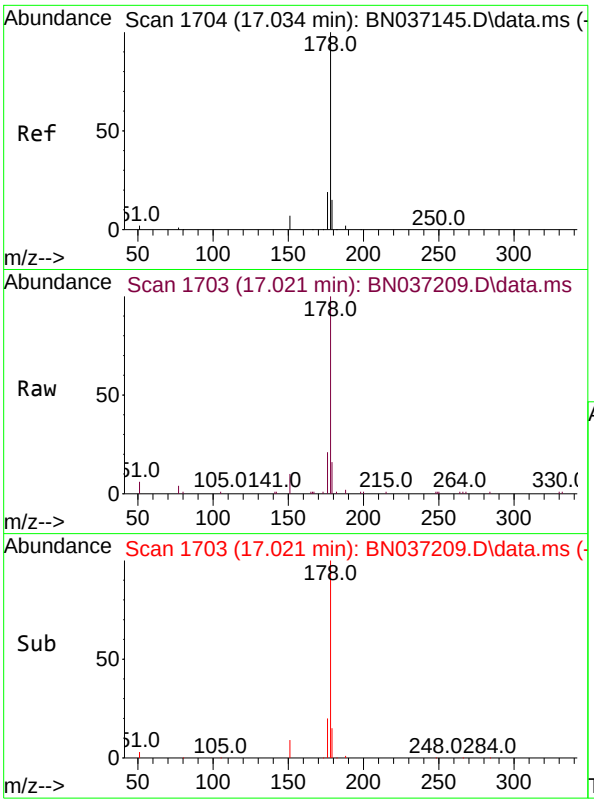


#24
Pentachlorophenol
Concen: 0.222 ng
RT: 16.649 min Scan# 1673
Delta R.T. -0.012 min
Lab File: BN037209.D
Acq: 10 Jun 2025 02:12

Tgt Ion:266 Resp: 17

Ion	Ratio	Lower	Upper
266	100		
264	29.4	49.3	73.9#
268	41.2	49.0	73.4#



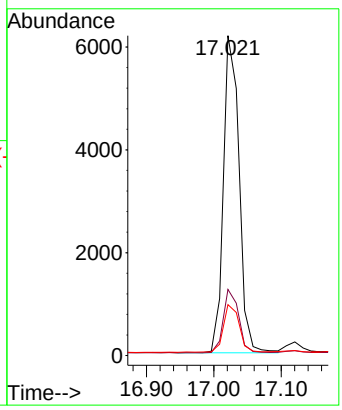


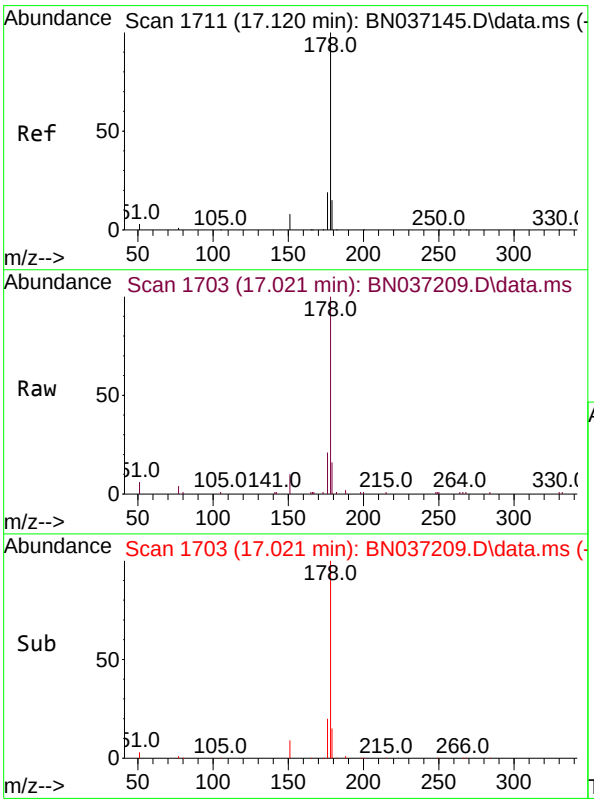
#25
Phenanthrene
Concen: 0.539 ng
RT: 17.021 min Scan# 1
Delta R.T. -0.013 min
Lab File: BN037209.D
Acq: 10 Jun 2025 02:12

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 10041

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.7	23.5
179	15.2	12.3	18.5

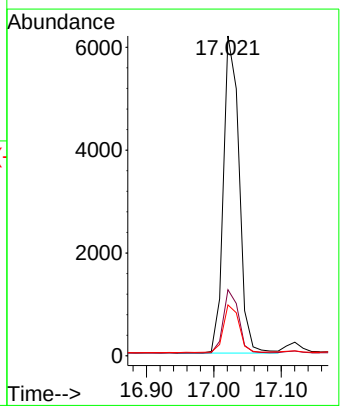


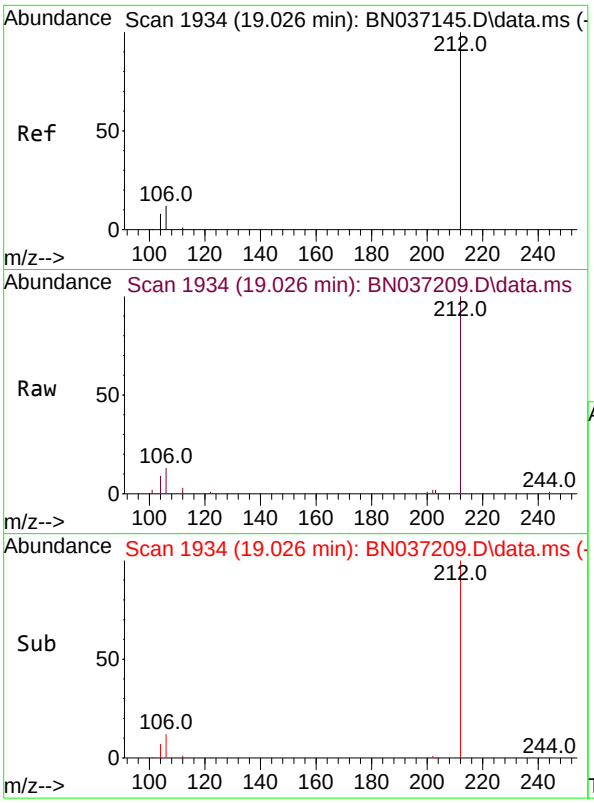


#26
Anthracene
Concen: 0.590 ng
RT: 17.021 min Scan# 1703
Delta R.T. -0.100 min
Lab File: BN037209.D
Acq: 10 Jun 2025 02:12

Tgt Ion:178 Resp: 10041

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.2	22.8
179	15.1	12.9	19.3



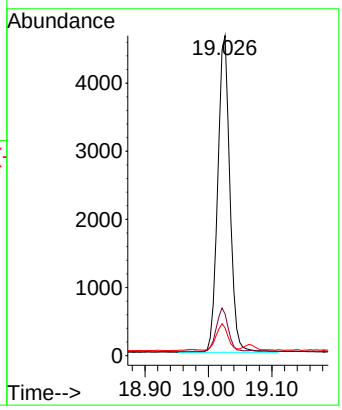


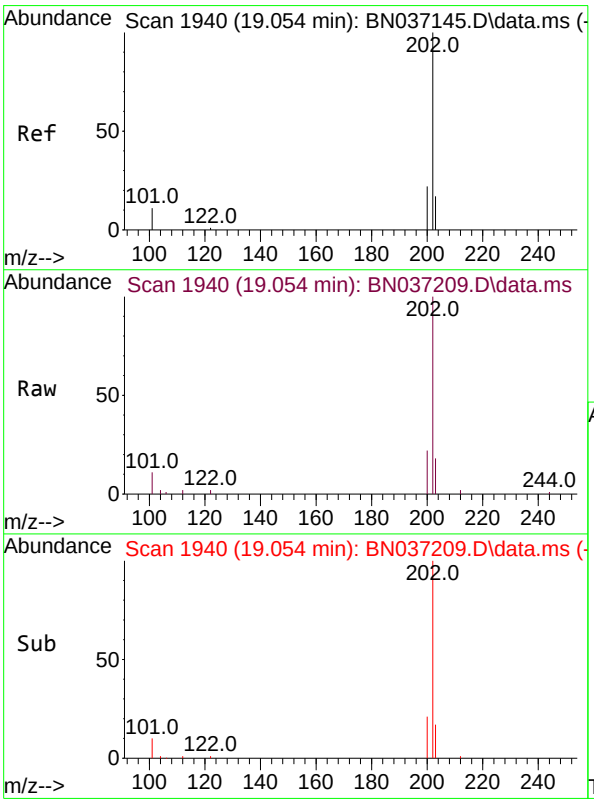
#27
Fluoranthene-d10
Concen: 0.422 ng
RT: 19.026 min Scan# 19
Delta R.T. -0.000 min
Lab File: BN037209.D
Acq: 10 Jun 2025 02:12

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 6173

Ion	Ratio	Lower	Upper
212	100		
106	13.3	10.6	15.8
104	8.2	6.6	9.8

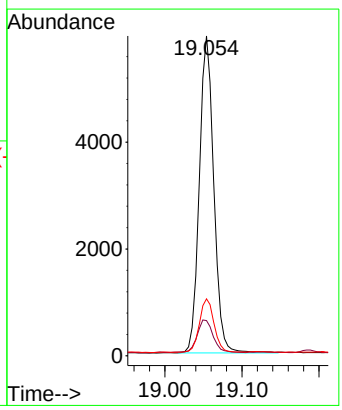


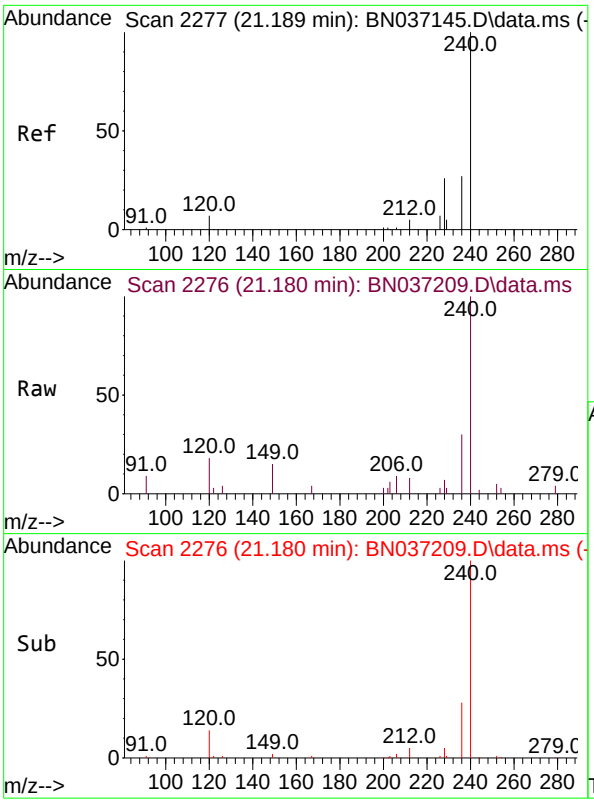


#28
Fluoranthene
Concen: 0.376 ng
RT: 19.054 min Scan# 1940
Delta R.T. -0.000 min
Lab File: BN037209.D
Acq: 10 Jun 2025 02:12

Tgt Ion:202 Resp: 7738

Ion	Ratio	Lower	Upper
202	100		
101	11.3	8.7	13.1
203	17.1	13.5	20.3



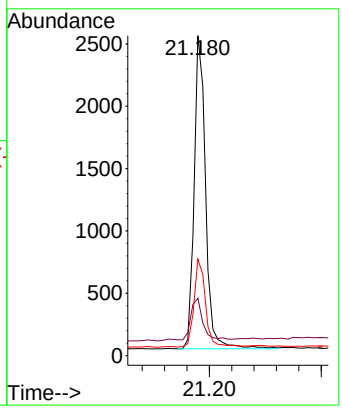


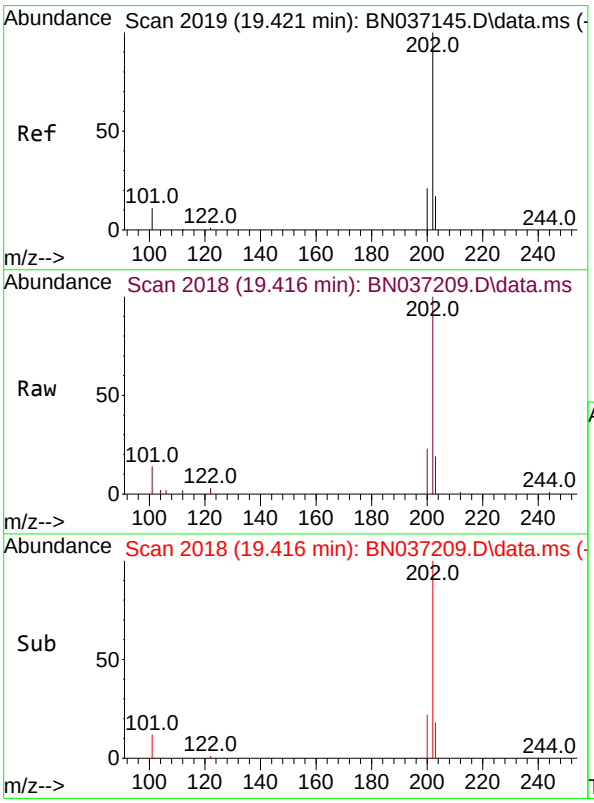
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.180 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN037209.D
Acq: 10 Jun 2025 02:12

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 3593

Ion	Ratio	Lower	Upper
240	100		
120	17.9	9.0	13.4#
236	30.2	23.0	34.4

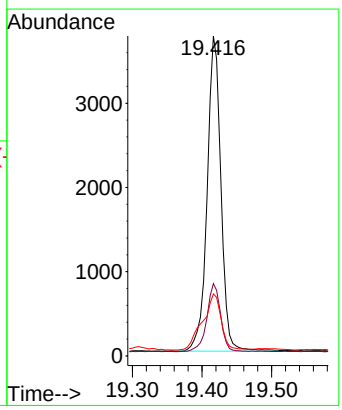


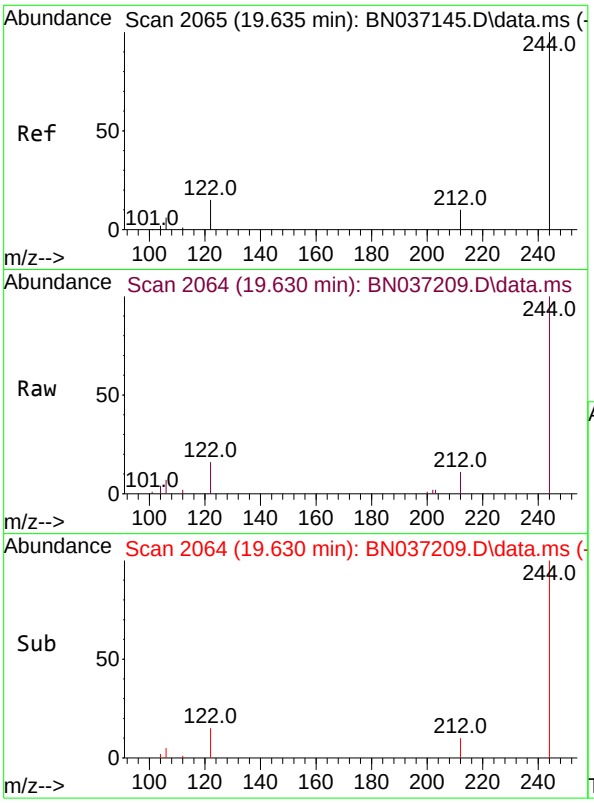


#30
Pyrene
Concen: 0.294 ng
RT: 19.416 min Scan# 2018
Delta R.T. -0.005 min
Lab File: BN037209.D
Acq: 10 Jun 2025 02:12

Tgt Ion:202 Resp: 5158

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.0	25.6
203	24.1	14.2	21.4#



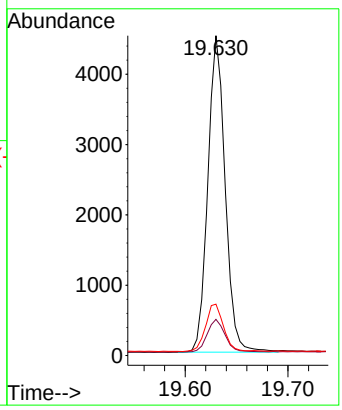


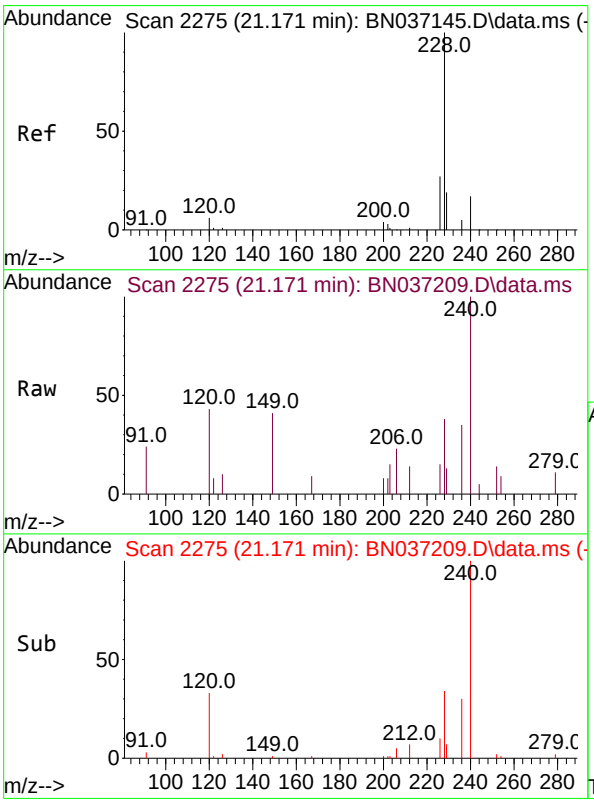
#31
Terphenyl-d14
Concen: 0.625 ng
RT: 19.630 min Scan# 20
Delta R.T. -0.005 min
Lab File: BN037209.D
Acq: 10 Jun 2025 02:12

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 5287

Ion	Ratio	Lower	Upper
244	100		
212	11.3	10.0	15.0
122	16.1	13.2	19.8

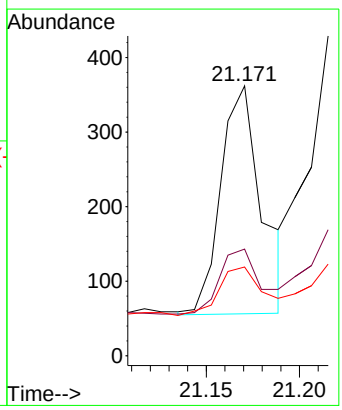


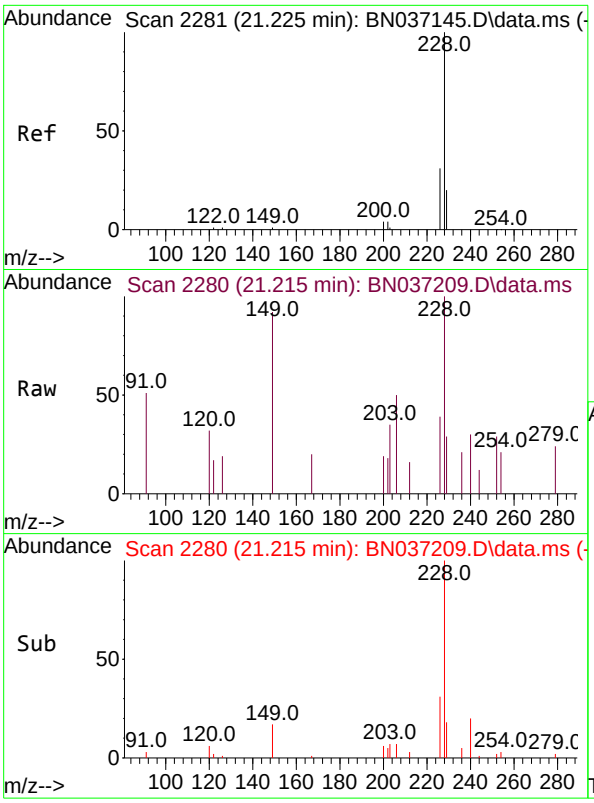


#32
Benzo(a)anthracene
Concen: 0.036 ng
RT: 21.171 min Scan# 2275
Delta R.T. -0.000 min
Lab File: BN037209.D
Acq: 10 Jun 2025 02:12

Tgt Ion:228 Resp: 470

Ion	Ratio	Lower	Upper
228	100		
226	39.5	22.6	33.8#
229	32.9	16.2	24.2#



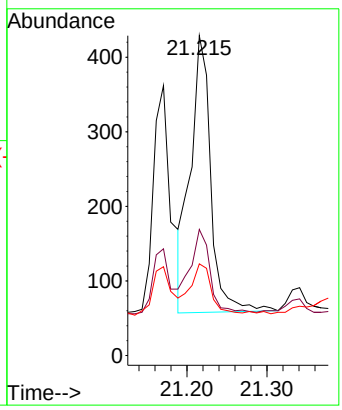


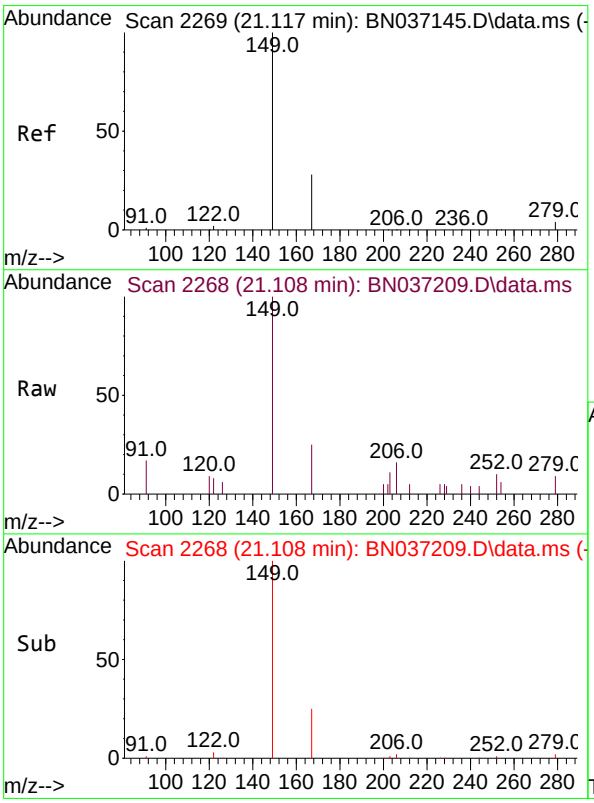
#33
Chrysene
Concen: 0.046 ng
RT: 21.215 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN037209.D
Acq: 10 Jun 2025 02:12

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 659

Ion	Ratio	Lower	Upper
228	100		
226	39.4	25.2	37.8#
229	28.7	16.8	25.2#

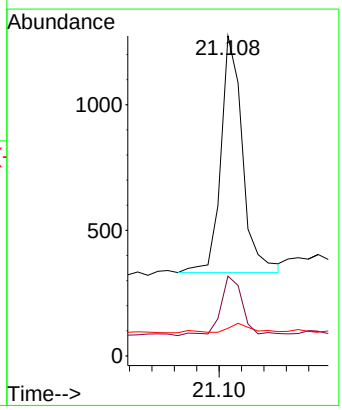


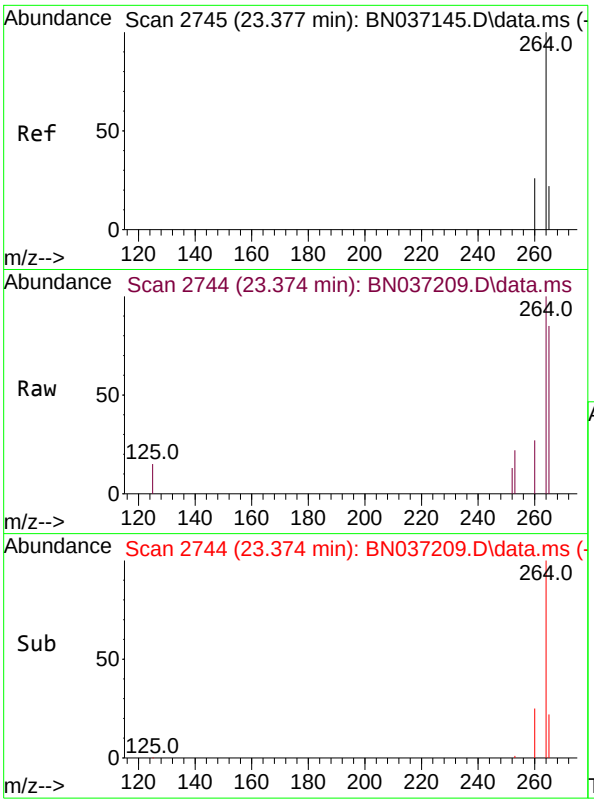


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.154 ng
RT: 21.108 min Scan# 2268
Delta R.T. -0.009 min
Lab File: BN037209.D
Acq: 10 Jun 2025 02:12

Tgt Ion:149 Resp: 1263

Ion	Ratio	Lower	Upper
149	100		
167	26.0	21.0	31.4
279	3.7	2.9	4.3





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.374 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN037209.D
Acq: 10 Jun 2025 02:12

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:264 Resp: 3061

Ion	Ratio	Lower	Upper
264	100		
260	27.2	22.1	33.1
265	84.8	55.8	83.8#