Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011025\
Data File : BN035908.D
Acq On : 10 Jan 2025 18:56
Operator : RC/JU
Sample : Q1040-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RW5-SP303-20250108

Quant Time: Jan 10 21:47:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN010225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 02 15:39:17 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.832	152	888	0.400	ng	0.00
7) Naphthalene-d8	10.622	136	1708	0.400	ng	0.00
13) Acenaphthene-d10	14.458	164	800	0.400	ng	0.00
19) Phenanthrene-d10	17.206	188	1628	0.400	ng	0.00
29) Chrysene-d12	21.385	240	1388	0.400	ng	0.00
35) Perylene-d12	23.686	264	1542	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.405	112	287	0.132	ng	0.00
5) Phenol-d6	6.980	99	198	0.073	ng	0.00
8) Nitrobenzene-d5	8.967	82	577	0.427	ng	-0.01
11) 2-Methylnaphthalene-d10	12.213	152	930	0.407	ng	0.00
14) 2,4,6-Tribromophenol	15.940	330	128	0.333	ng	-0.02
15) 2-Fluorobiphenyl	13.090	172	1520	0.433	ng	0.00
27) Fluoranthene-d10	19.230	212	1886	0.467	ng	0.00
31) Terphenyl-d14	19.833	244	1425	0.515	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.542	42	1257	0.817	ng	# 1
17) Acenaphthene	14.522	154	56	0.023	ng	92
18) Fluorene	15.506	166	75	0.028	ng	# 96
20) 4,6-Dinitro-2-methylph...	15.568	198	7	0.025	ng	# 15
21) 4-Bromophenyl-phenylether	16.399	248	28	0.025	ng	90
22) Hexachlorobenzene	16.511	284	38	0.025	ng	# 66
24) Pentachlorophenol	16.846	266	25	0.046	ng	# 72
25) Phenanthrene	17.330	178	135	0.028	ng	97
26) Anthracene	17.330	178	141	0.033	ng	95
28) Fluoranthene	19.257	202	249	0.045	ng	# 3
30) Pyrene	19.624	202	242	0.043	ng	96
32) Benzo(a)anthracene	21.367	228	209	0.043	ng	# 75
33) Chrysene	21.420	228	246	0.048	ng	# 75
34) Bis(2-ethylhexyl)phtha...	21.313	149	221	0.111	ng	# 93
36) Indeno(1,2,3-cd)pyrene	26.037	276	241	0.040	ng	# 74
37) Benzo(b)fluoranthene	22.990	252	242	0.046	ng	# 31
38) Benzo(k)fluoranthene	23.034	252	205	0.039	ng	# 26
39) Benzo(a)pyrene	23.587	252	195	0.043	ng	# 22
40) Dibenzo(a,h)anthracene	26.063	278	210	0.043	ng	# 16
41) Benzo(g,h,i)perylene	26.753	276	214	0.040	ng	# 41

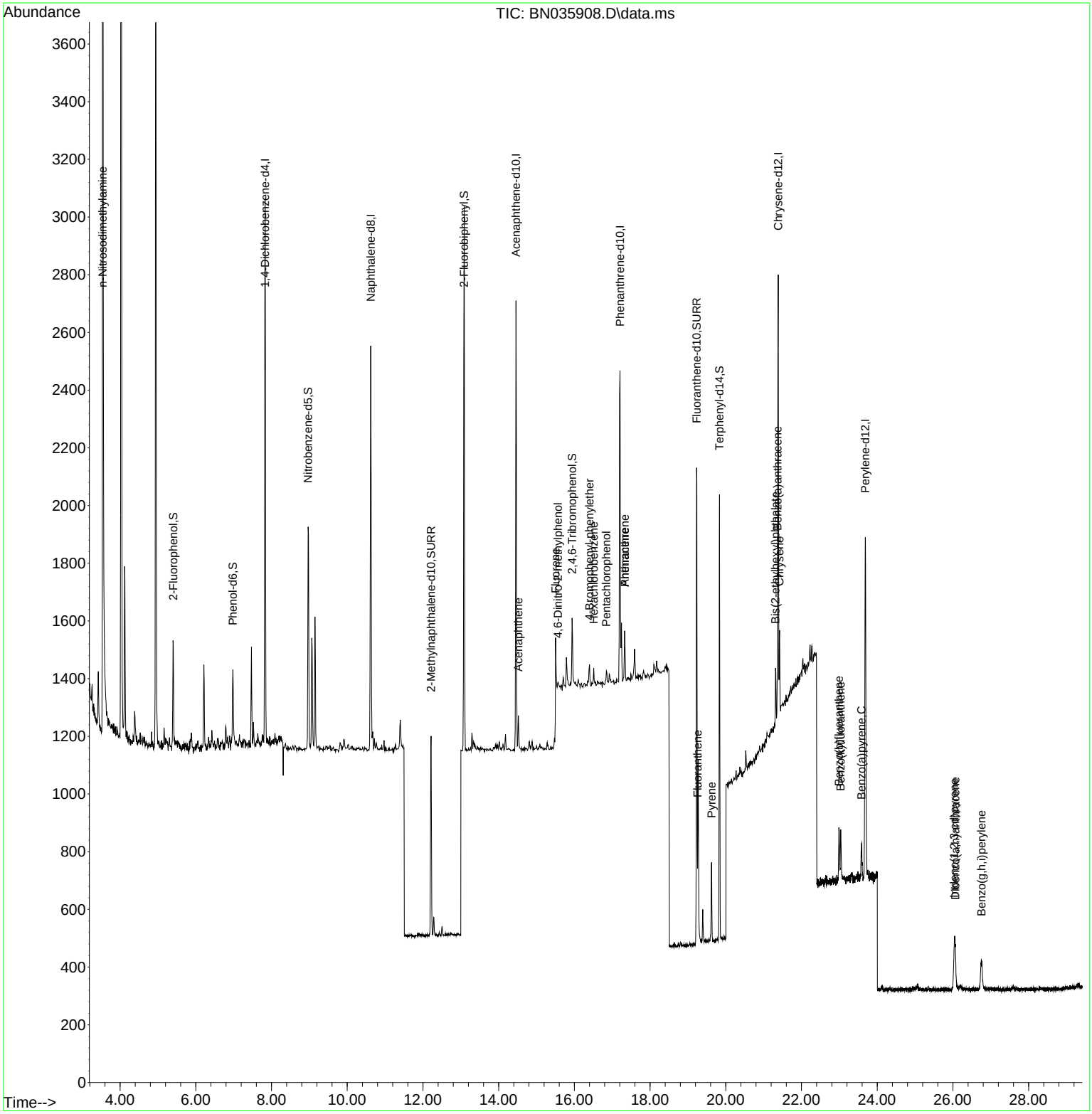
(#) = qualifier out of range (m) = manual integration (+) = signals summed

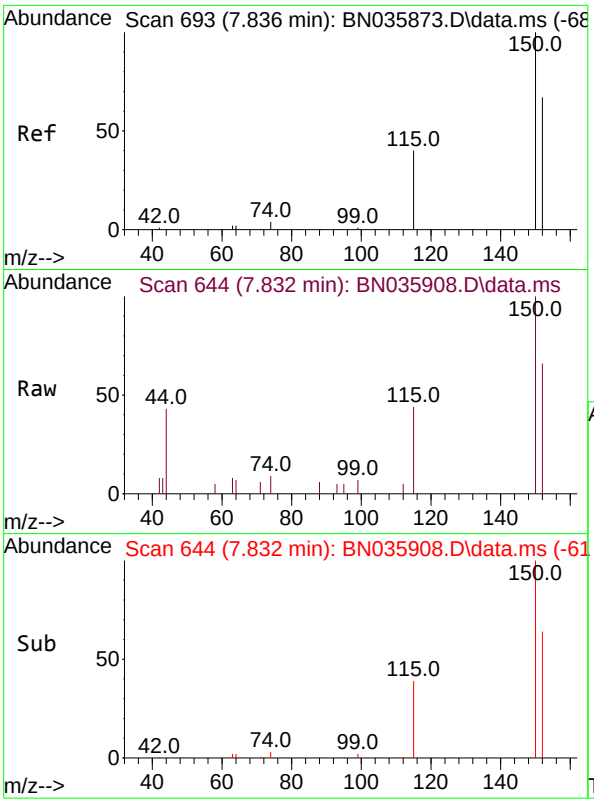
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011025\
Data File : BN035908.D
Acq On : 10 Jan 2025 18:56
Operator : RC/JU
Sample : Q1040-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RW5-SP303-20250108

Quant Time: Jan 10 21:47:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN010225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 02 15:39:17 2025
Response via : Initial Calibration



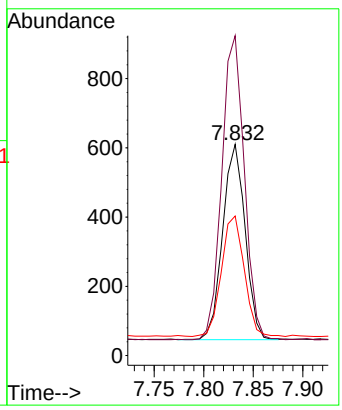


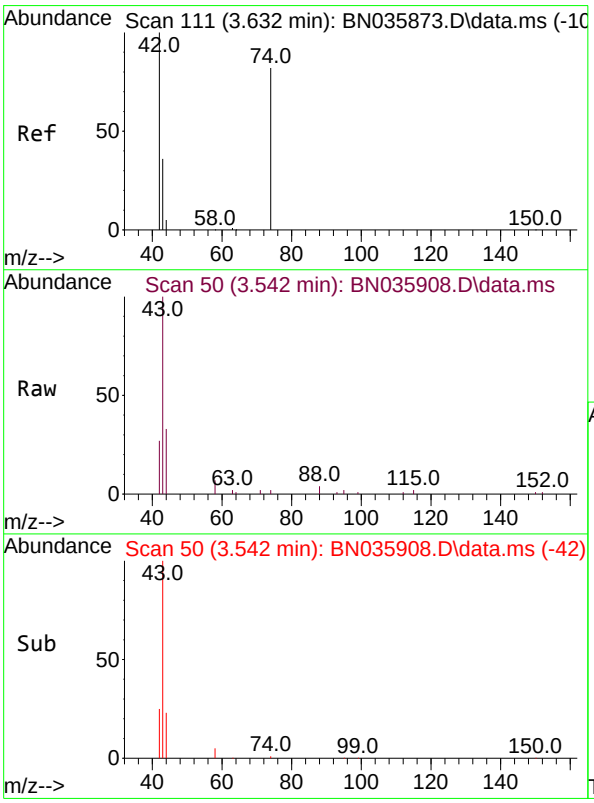
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.832 min Scan# 64
Delta R.T. -0.004 min
Lab File: BN035908.D
Acq: 10 Jan 2025 18:56

Instrument :
BNA_N
ClientSampleId :
RW5-SP303-20250108

Tgt Ion:152 Resp: 888

Ion	Ratio	Lower	Upper
152	100		
150	151.5	117.8	176.6
115	66.1	51.0	76.4

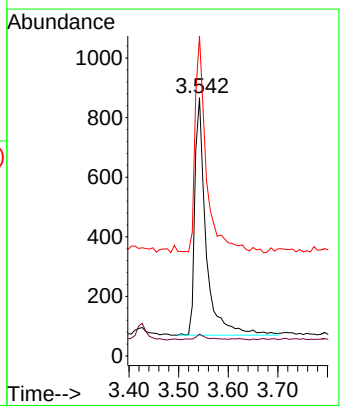


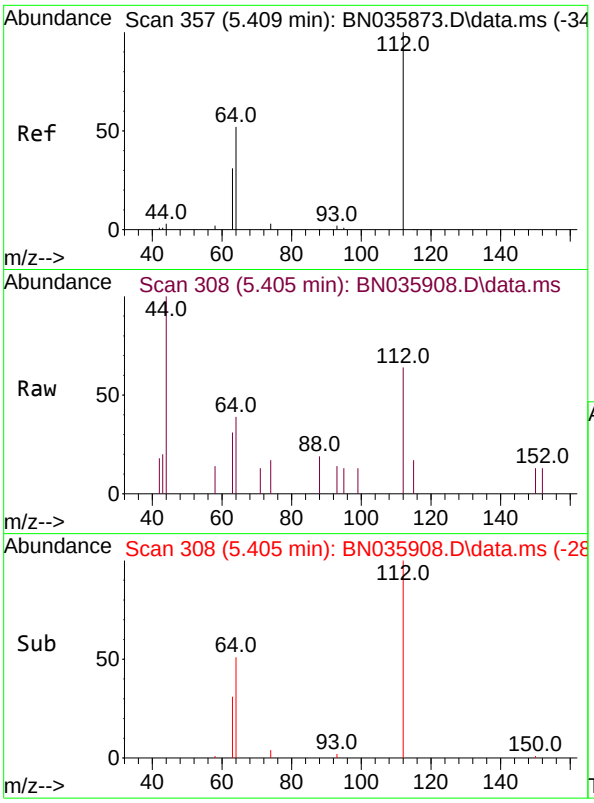


#3
n-Nitrosodimethylamine
Concen: 0.817 ng
RT: 3.542 min Scan# 50
Delta R.T. -0.090 min
Lab File: BN035908.D
Acq: 10 Jan 2025 18:56

Tgt Ion: 42 Resp: 1257

Ion	Ratio	Lower	Upper
42	100		
74	2.3	62.2	93.2#
44	87.7	7.1	10.7#



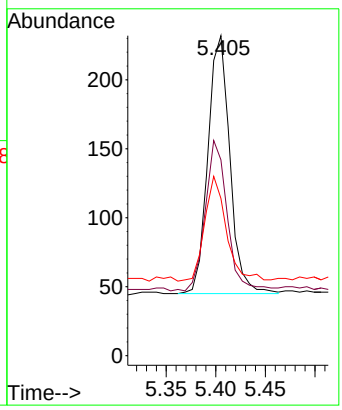


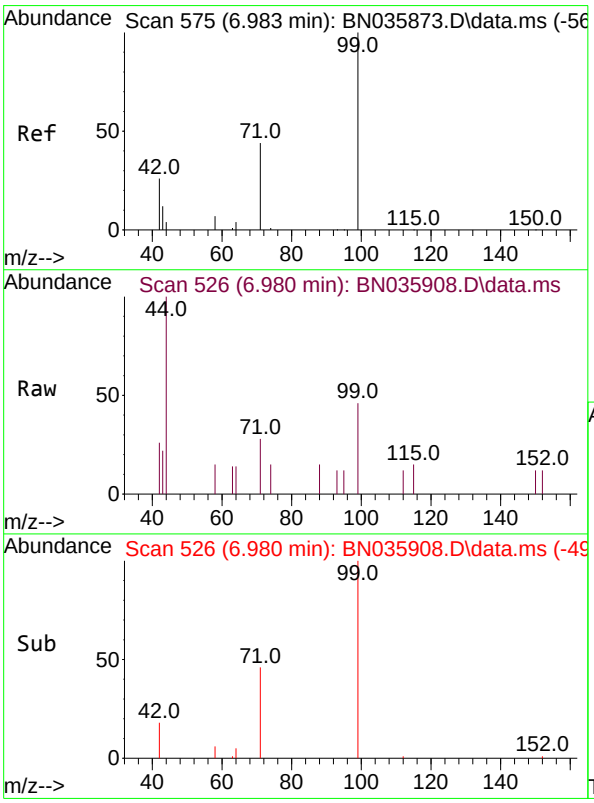
#4
2-Fluorophenol
Concen: 0.132 ng
RT: 5.405 min Scan# 3(
Delta R.T. -0.004 min
Lab File: BN035908.D
Acq: 10 Jan 2025 18:56

Instrument :
BNA_N
ClientSampleId :
RW5-SP303-20250108

Tgt Ion:112 Resp: 287

Ion	Ratio	Lower	Upper
112	100		
64	58.2	48.2	72.2
63	40.4	30.0	45.0

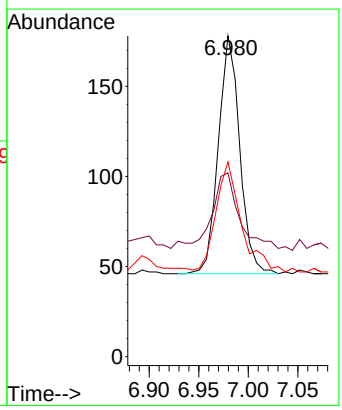


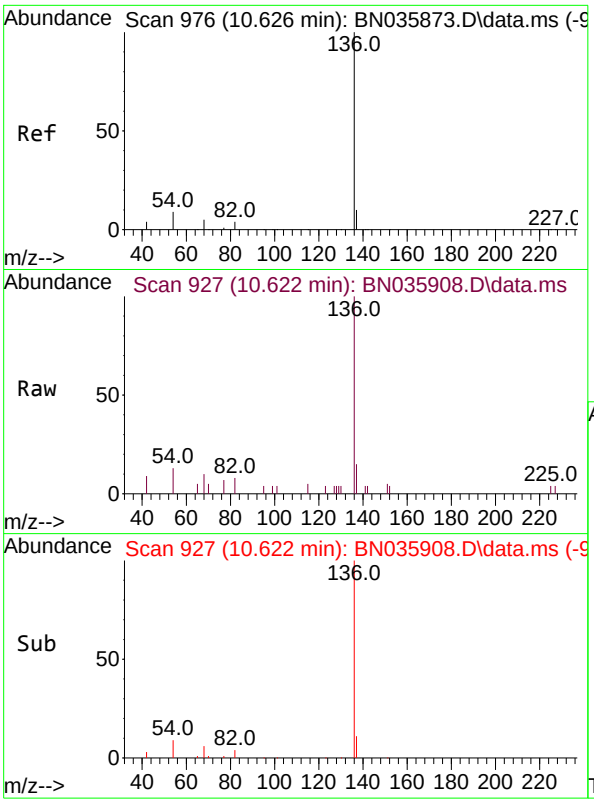


#5
Phenol-d6
Concen: 0.073 ng
RT: 6.980 min Scan# 526
Delta R.T. -0.004 min
Lab File: BN035908.D
Acq: 10 Jan 2025 18:56

Tgt Ion: 99 Resp: 198

Ion	Ratio	Lower	Upper
99	100		
42	44.4	23.5	35.3#
71	55.1	35.5	53.3#



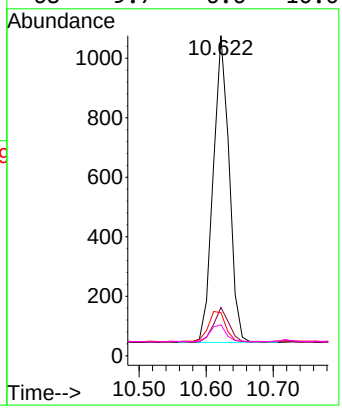


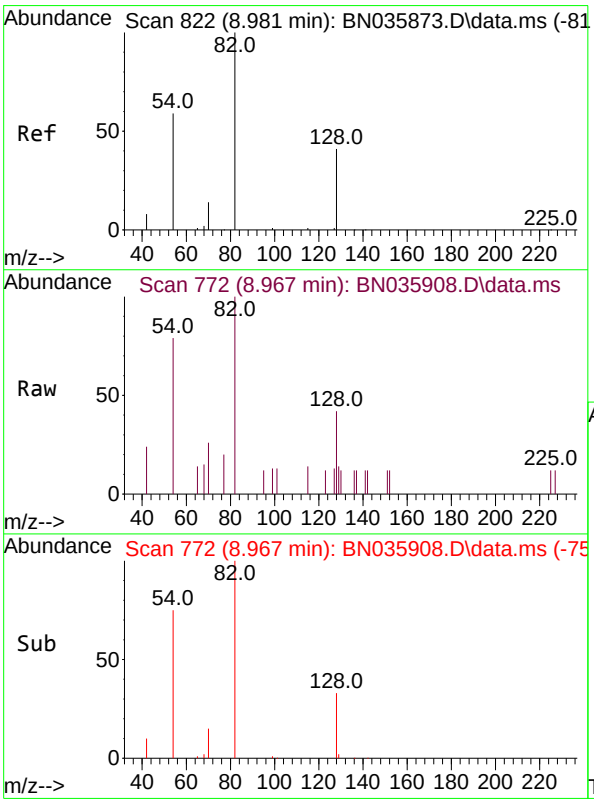
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.622 min Scan# 9
Delta R.T. -0.004 min
Lab File: BN035908.D
Acq: 10 Jan 2025 18:56

Instrument :
BNA_N
ClientSampleId :
RW5-SP303-20250108

Tgt Ion:136 Resp: 1708

Ion	Ratio	Lower	Upper
136	100		
137	15.1	10.6	15.8
54	13.5	9.8	14.6
68	9.7	6.6	10.0

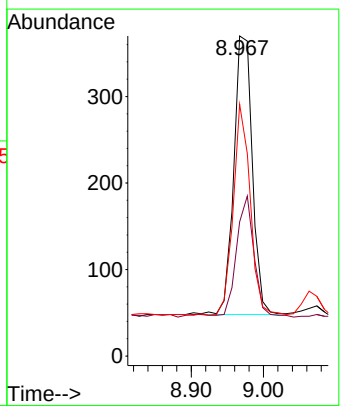


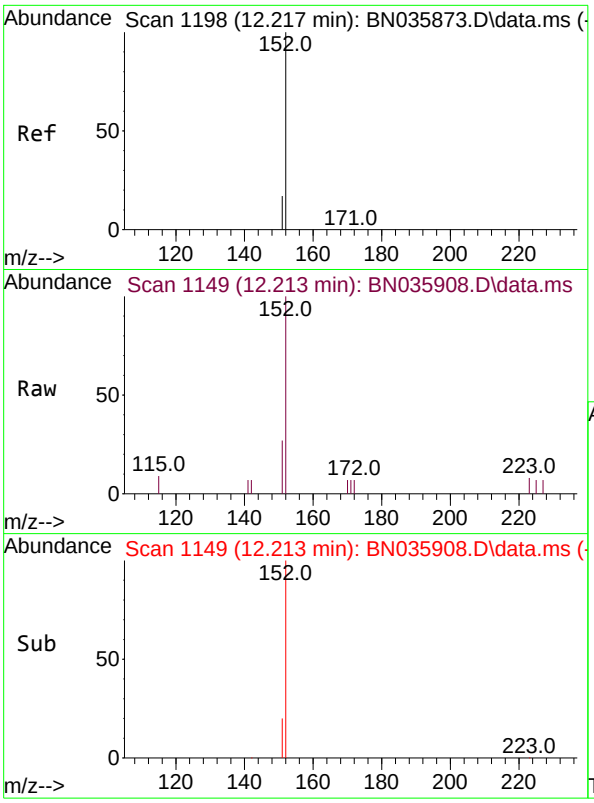


#8
Nitrobenzene-d5
Concen: 0.427 ng
RT: 8.967 min Scan# 772
Delta R.T. -0.014 min
Lab File: BN035908.D
Acq: 10 Jan 2025 18:56

Tgt Ion: 82 Resp: 577

Ion	Ratio	Lower	Upper
82	100		
128	41.9	36.9	55.3
54	78.6	50.4	75.6#



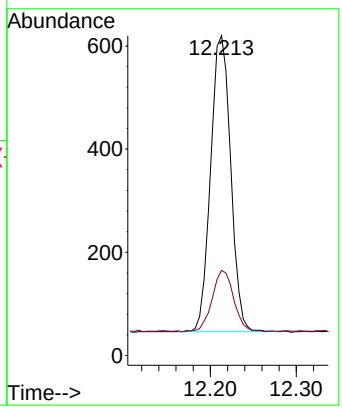


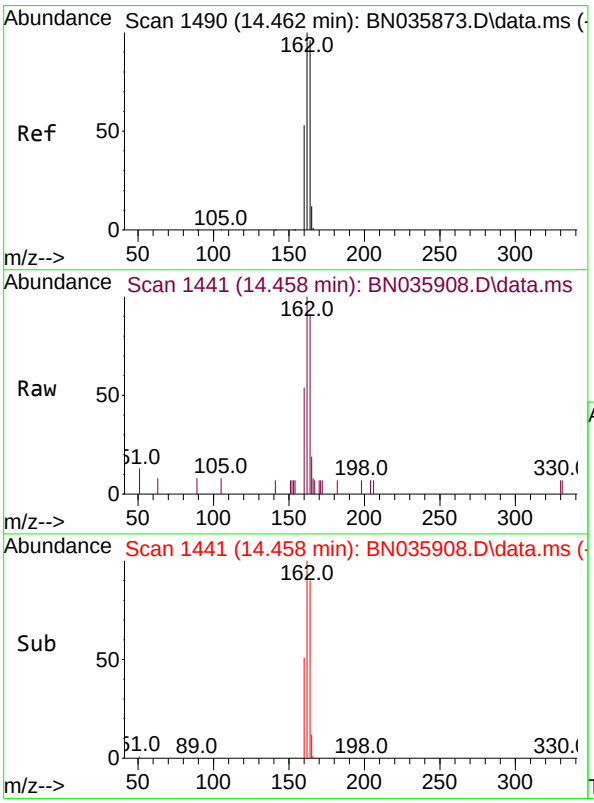
#11
2-Methylnaphthalene-d10
Concen: 0.407 ng
RT: 12.213 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN035908.D
Acq: 10 Jan 2025 18:56

Instrument :
BNA_N
ClientSampleId :
RW5-SP303-20250108

Tgt Ion:152 Resp: 930

Ion	Ratio	Lower	Upper
152	100		
151	22.4	17.0	25.6

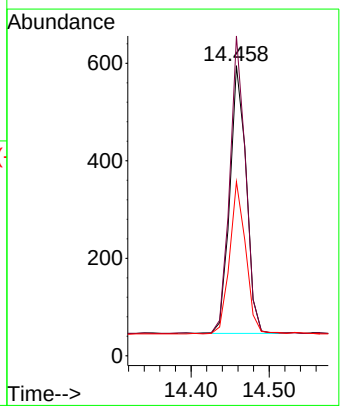


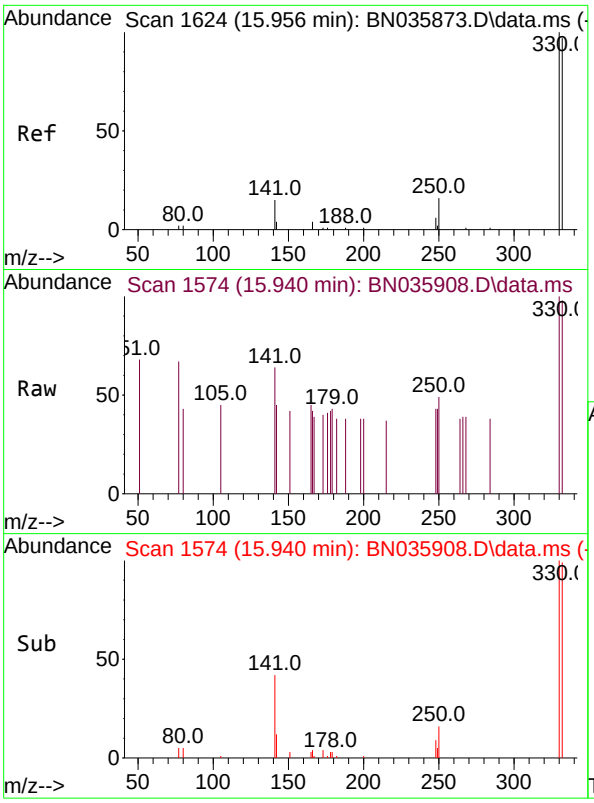


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.458 min Scan# 1441
Delta R.T. -0.004 min
Lab File: BN035908.D
Acq: 10 Jan 2025 18:56

Tgt Ion:164 Resp: 800

Ion	Ratio	Lower	Upper
164	100		
162	110.3	83.1	124.7
160	60.0	46.0	69.0



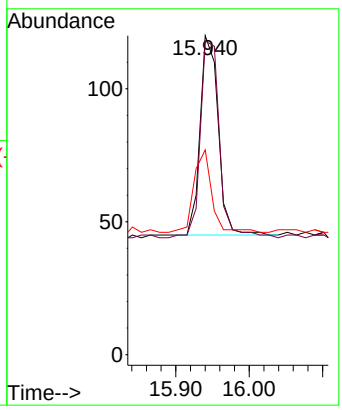


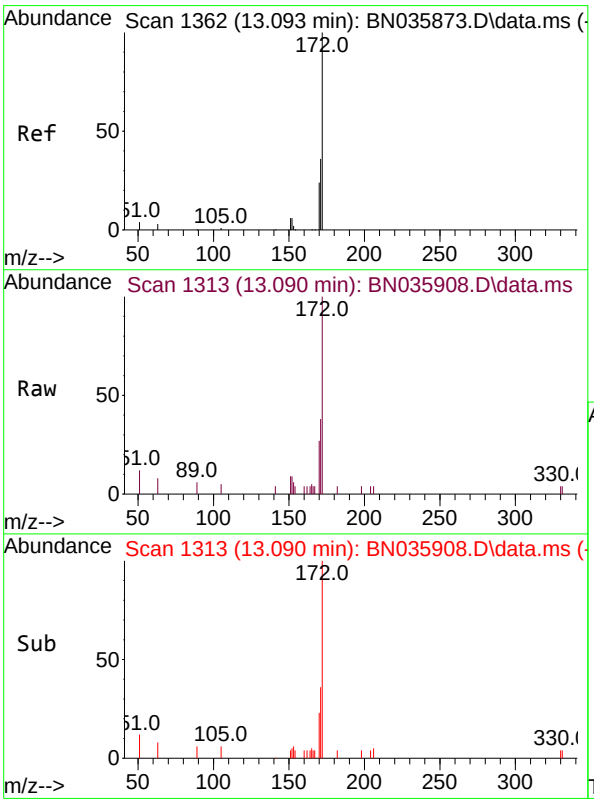
#14
2,4,6-Tribromophenol
Concen: 0.333 ng
RT: 15.940 min Scan# 1
Delta R.T. -0.016 min
Lab File: BN035908.D
Acq: 10 Jan 2025 18:56

Instrument :
BNA_N
ClientSampleId :
RW5-SP303-20250108

Tgt Ion:330 Resp: 128

Ion	Ratio	Lower	Upper
330	100		
332	104.7	77.2	115.8
141	40.6	31.6	47.4

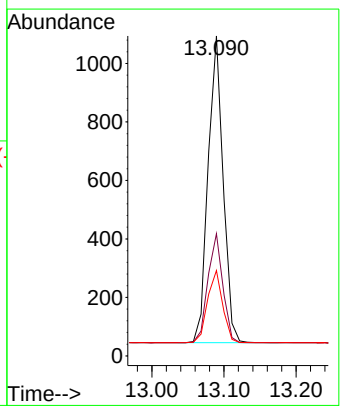


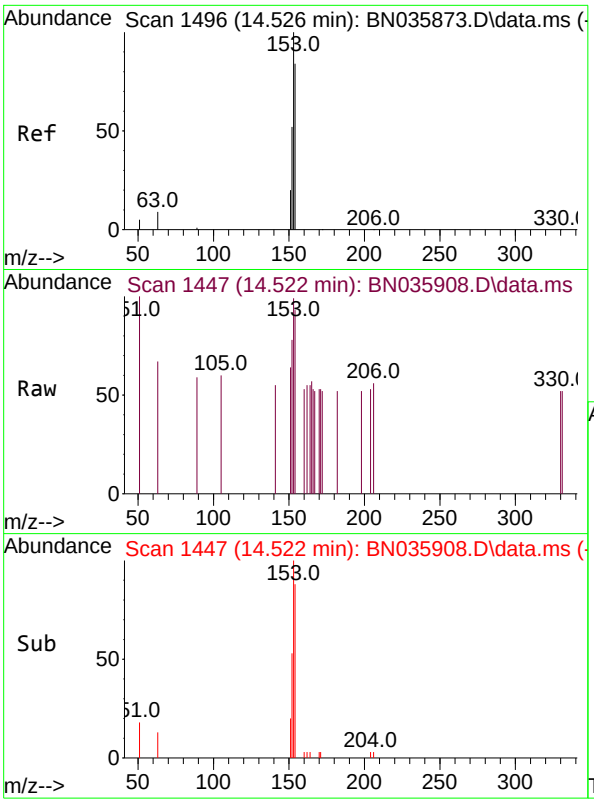


#15
2-Fluorobiphenyl
Concen: 0.433 ng
RT: 13.090 min Scan# 1313
Delta R.T. -0.004 min
Lab File: BN035908.D
Acq: 10 Jan 2025 18:56

Tgt Ion:172 Resp: 1520

Ion	Ratio	Lower	Upper
172	100		
171	38.2	30.5	45.7
170	26.7	20.8	31.2



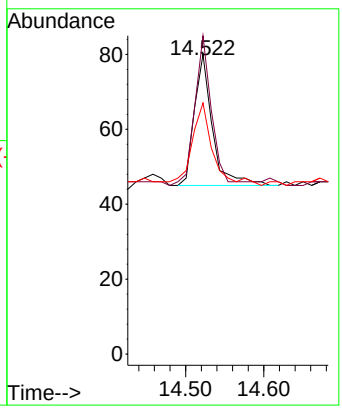


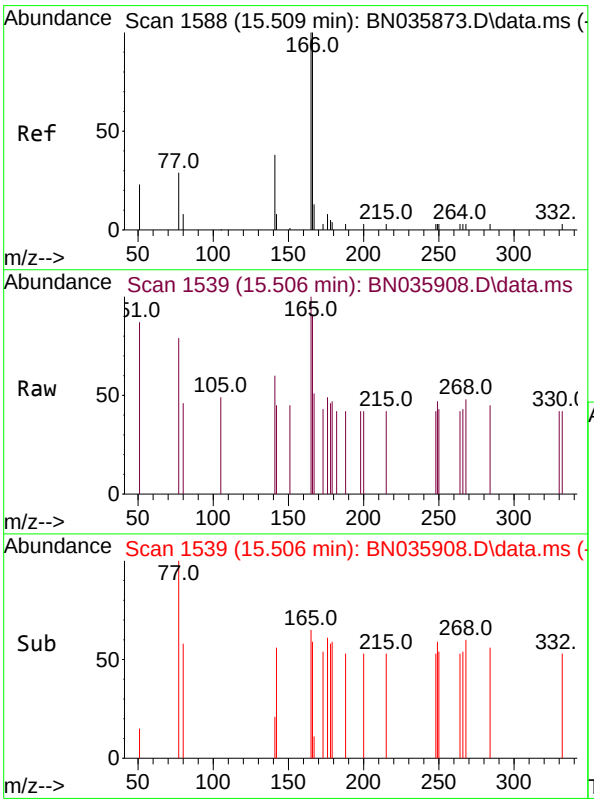
#17
Acenaphthene
Concen: 0.023 ng
RT: 14.522 min Scan# 14
Delta R.T. -0.004 min
Lab File: BN035908.D
Acq: 10 Jan 2025 18:56

Instrument :
BNA_N
ClientSampleId :
RW5-SP303-20250108

Tgt Ion:154 Resp: 56

Ion	Ratio	Lower	Upper
154	100		
153	107.1	90.5	135.7
152	71.4	48.6	73.0

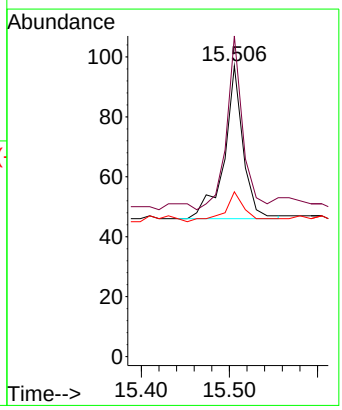


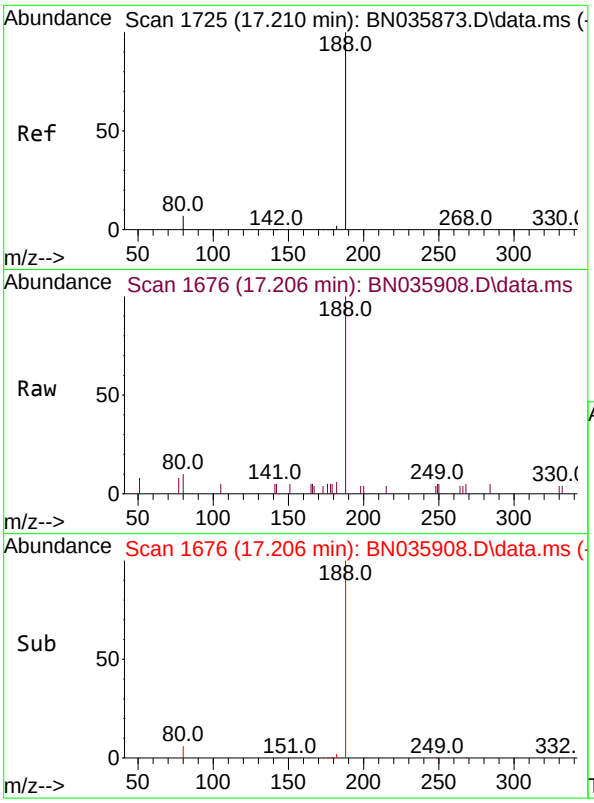


#18
Fluorene
Concen: 0.028 ng
RT: 15.506 min Scan# 1539
Delta R.T. -0.004 min
Lab File: BN035908.D
Acq: 10 Jan 2025 18:56

Tgt Ion:166 Resp: 75

Ion	Ratio	Lower	Upper
166	100		
165	98.7	80.6	120.8
167	21.3	11.4	17.0#



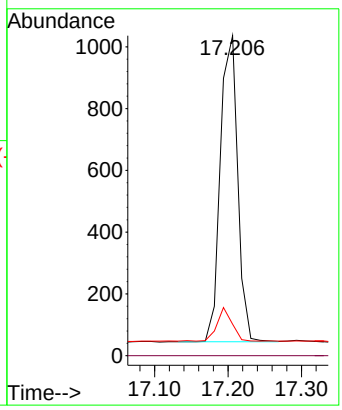


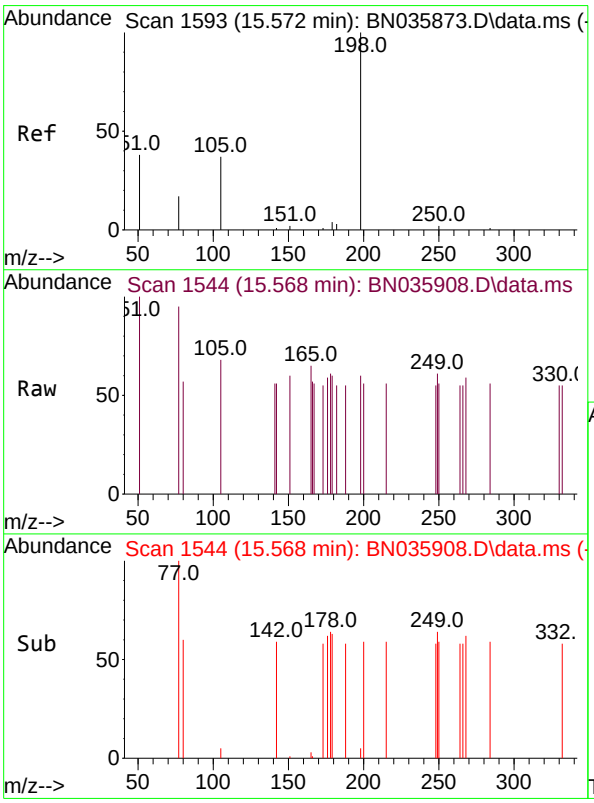
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.206 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN035908.D
Acq: 10 Jan 2025 18:56

Instrument :
BNA_N
ClientSampleId :
RW5-SP303-20250108

Tgt Ion:188 Resp: 1628

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.8	7.3	10.9

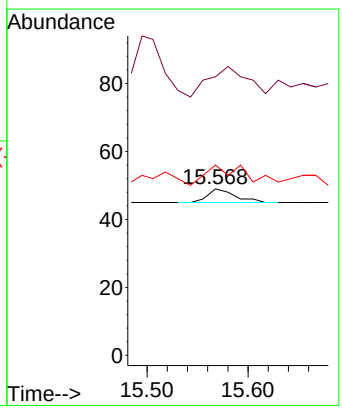


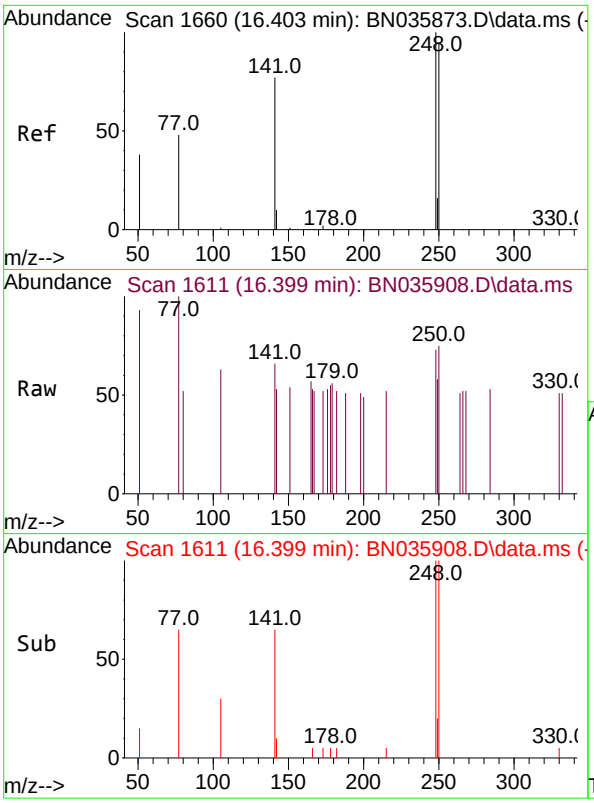


#20
4,6-Dinitro-2-methylphenol
Concen: 0.025 ng
RT: 15.568 min Scan# 1544
Delta R.T. -0.004 min
Lab File: BN035908.D
Acq: 10 Jan 2025 18:56

Tgt Ion:198 Resp: 7

Ion	Ratio	Lower	Upper
198	100		
51	167.3	64.3	96.5#
105	114.3	50.0	75.0#



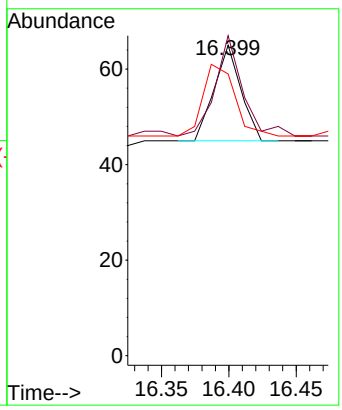


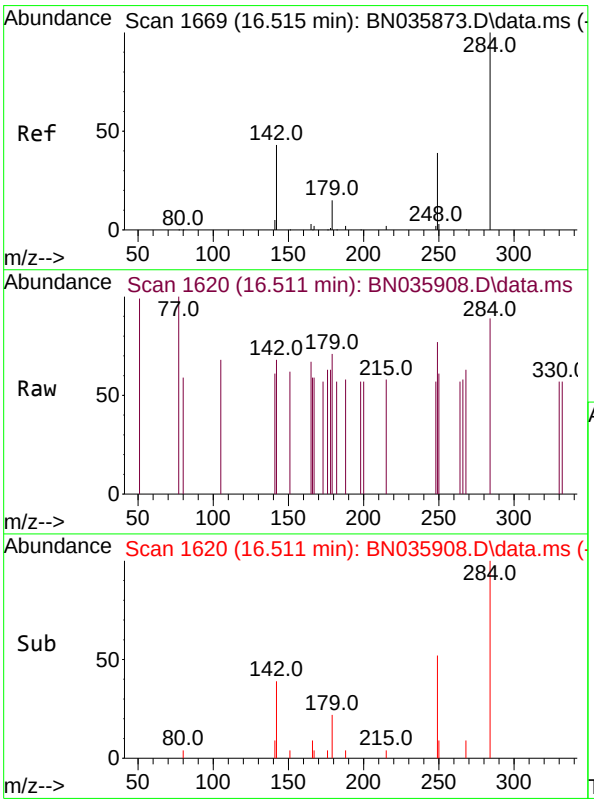
#21
4-Bromophenyl-phenylether
Concen: 0.025 ng
RT: 16.399 min Scan# 1(
Delta R.T. -0.004 min
Lab File: BN035908.D
Acq: 10 Jan 2025 18:56

Instrument :
BNA_N
ClientSampleId :
RW5-SP303-20250108

Tgt Ion:248 Resp: 28

Ion	Ratio	Lower	Upper
248	100		
250	103.1	76.8	115.2
141	90.8	63.6	95.4

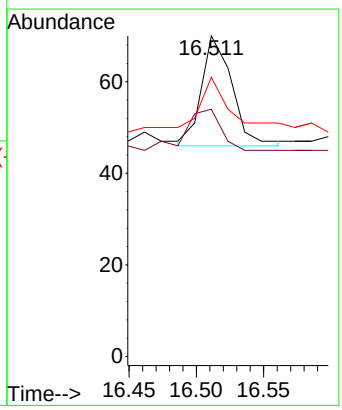


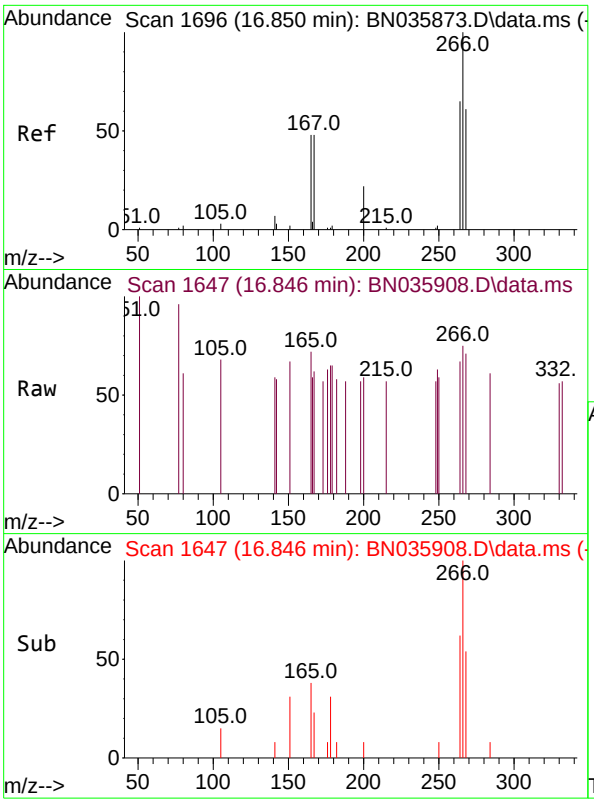


#22
Hexachlorobenzene
Concen: 0.025 ng
RT: 16.511 min Scan# 1620
Delta R.T. -0.004 min
Lab File: BN035908.D
Acq: 10 Jan 2025 18:56

Tgt Ion:284 Resp: 38

Ion	Ratio	Lower	Upper
284	100		
142	42.1	31.4	47.0
249	73.7	27.8	41.8#



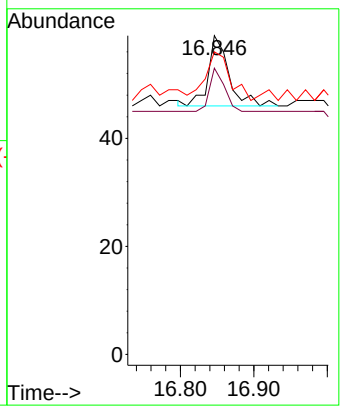


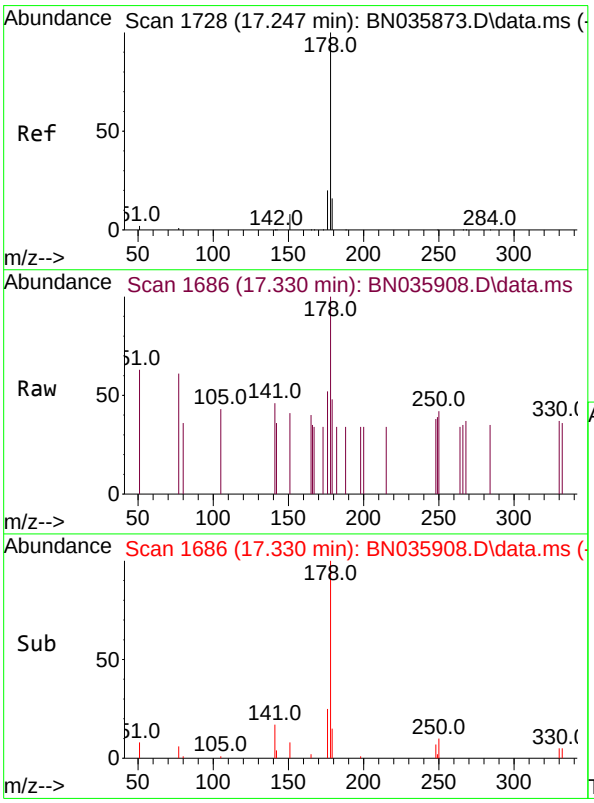
#24
Pentachlorophenol
Concen: 0.046 ng
RT: 16.846 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN035908.D
Acq: 10 Jan 2025 18:56

Instrument :
BNA_N
ClientSampleId :
RW5-SP303-20250108

Tgt Ion:266 Resp: 25

Ion	Ratio	Lower	Upper
266	100		
264	44.0	49.9	74.9#
268	88.0	50.2	75.2#

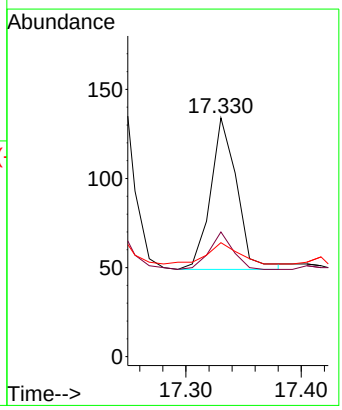


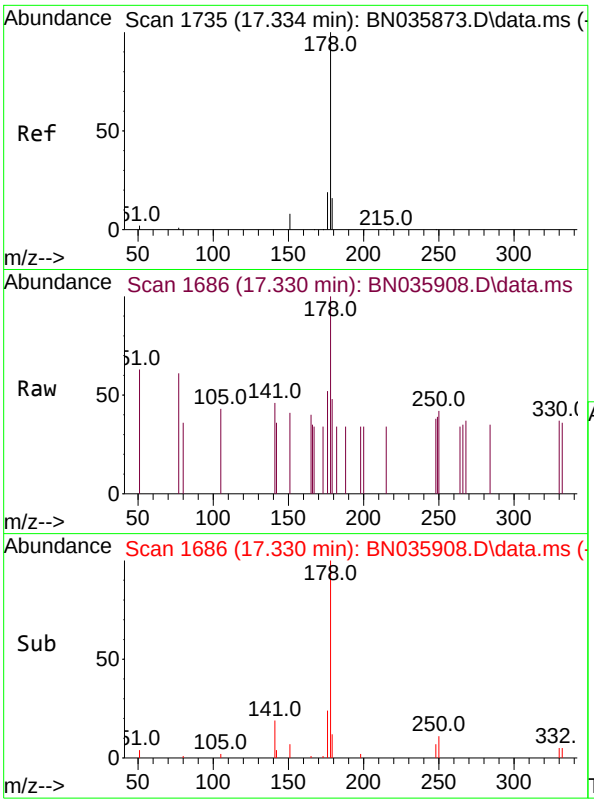


#25
Phenanthrene
Concen: 0.028 ng
RT: 17.330 min Scan# 1686
Delta R.T. 0.083 min
Lab File: BN035908.D
Acq: 10 Jan 2025 18:56

Tgt Ion:178 Resp: 135

Ion	Ratio	Lower	Upper
178	100		
176	22.2	15.9	23.9
179	16.3	12.9	19.3



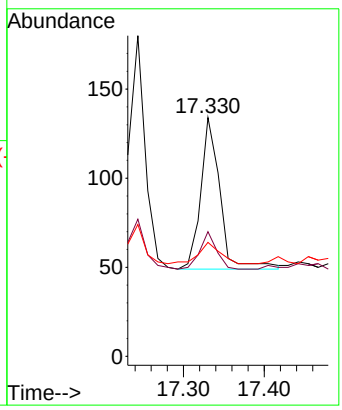


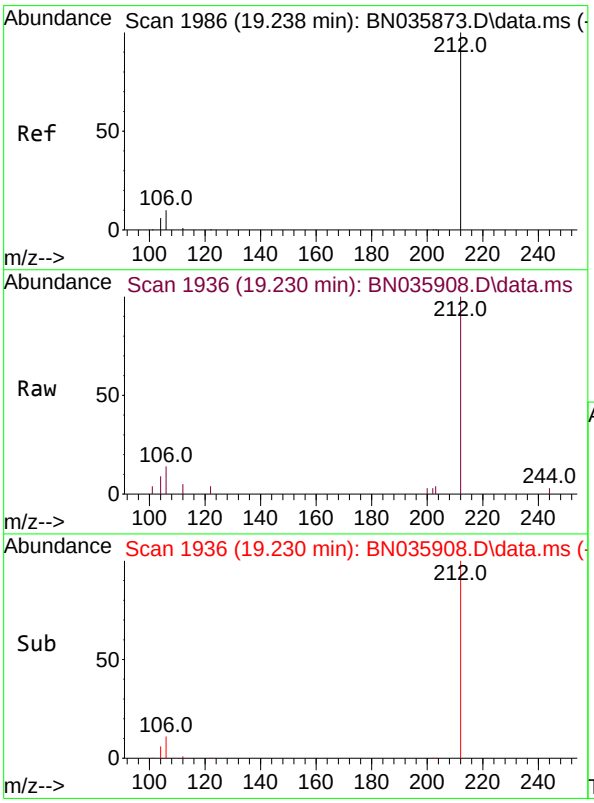
#26
Anthracene
Concen: 0.033 ng
RT: 17.330 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN035908.D
Acq: 10 Jan 2025 18:56

Instrument :
BNA_N
ClientSampleId :
RW5-SP303-20250108

Tgt Ion:178 Resp: 141

Ion	Ratio	Lower	Upper
178	100		
176	21.3	15.0	22.6
179	17.7	13.0	19.6

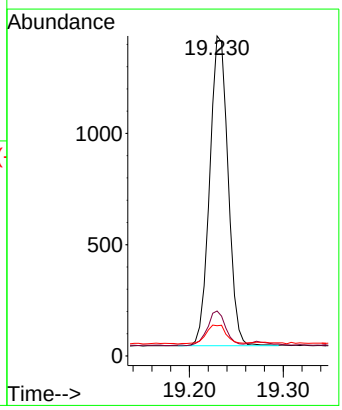


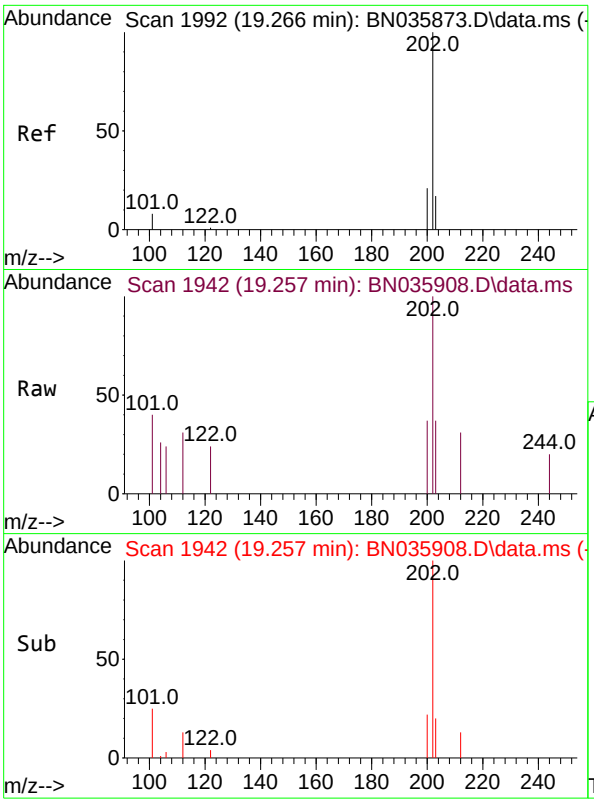


#27
Fluoranthene-d10
Concen: 0.467 ng
RT: 19.230 min Scan# 1936
Delta R.T. -0.008 min
Lab File: BN035908.D
Acq: 10 Jan 2025 18:56

Tgt Ion:212 Resp: 1886

Ion	Ratio	Lower	Upper
212	100		
106	11.1	9.0	13.6
104	6.8	5.4	8.2



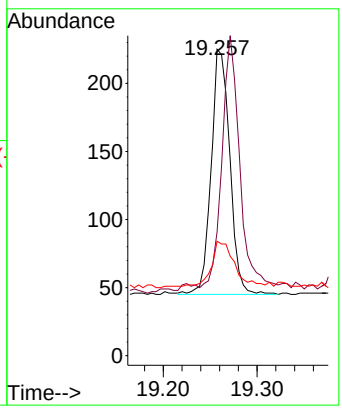


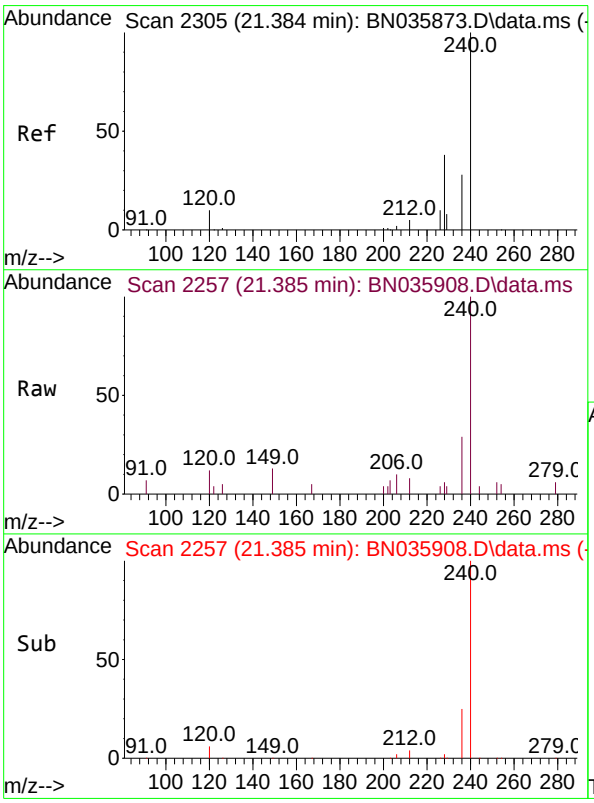
#28
Fluoranthene
Concen: 0.045 ng
RT: 19.257 min Scan# 1
Delta R.T. -0.008 min
Lab File: BN035908.D
Acq: 10 Jan 2025 18:56

Instrument :
BNA_N
ClientSampleId :
RW5-SP303-20250108

Tgt Ion:202 Resp: 249

Ion	Ratio	Lower	Upper
202	100		
101	97.6	7.2	10.8#
203	26.1	13.9	20.9#

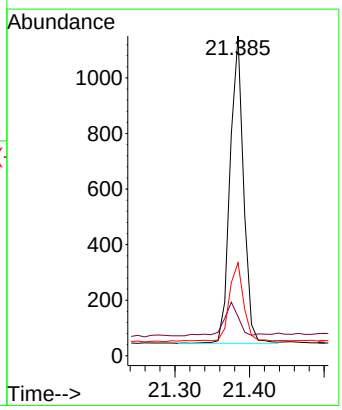


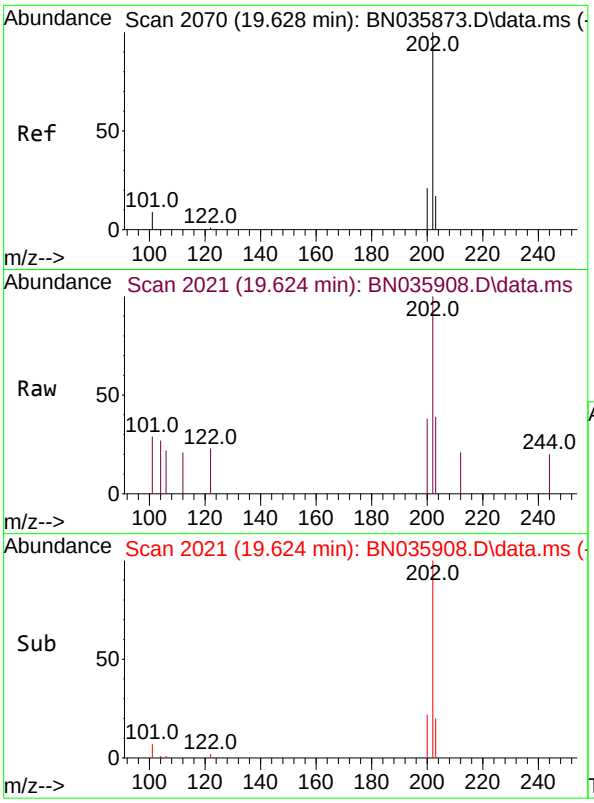


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.385 min Scan# 2257
Delta R.T. 0.001 min
Lab File: BN035908.D
Acq: 10 Jan 2025 18:56

Tgt Ion:240 Resp: 1388

Ion	Ratio	Lower	Upper
240	100		
120	12.3	11.1	16.7
236	29.1	24.6	36.8



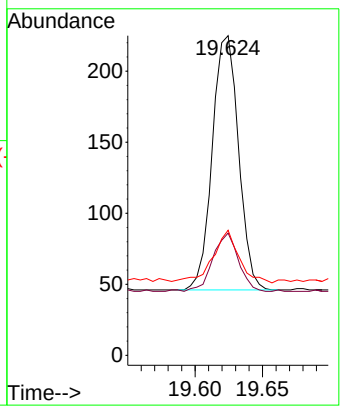


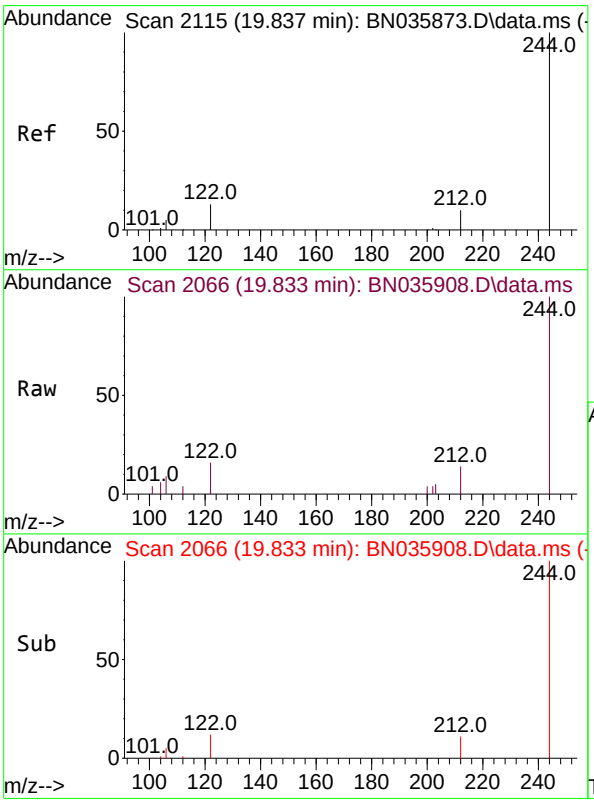
#30
Pyrene
Concen: 0.043 ng
RT: 19.624 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN035908.D
Acq: 10 Jan 2025 18:56

Instrument :
BNA_N
ClientSampleId :
RW5-SP303-20250108

Tgt Ion:202 Resp: 242

Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.0	25.6
203	20.7	14.6	22.0

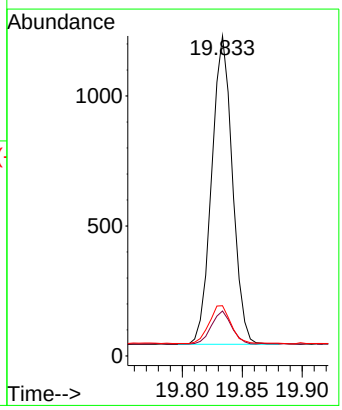


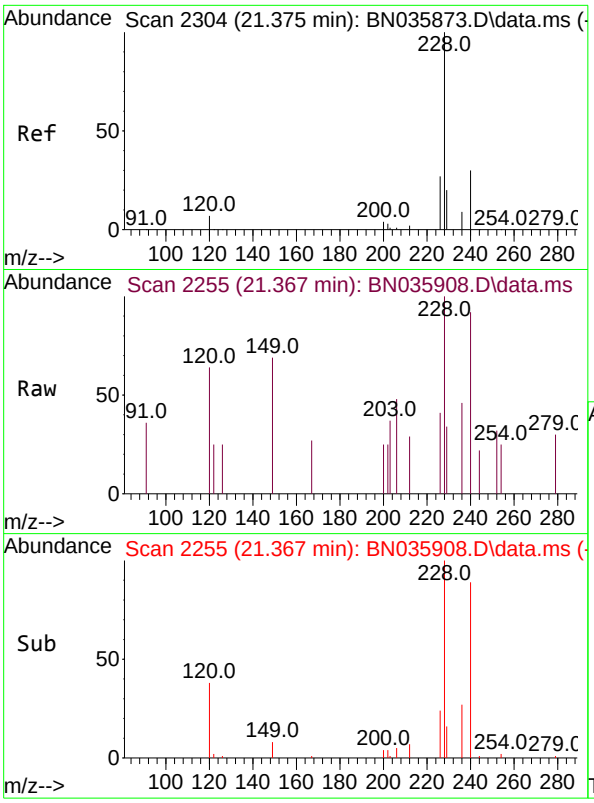


#31
Terphenyl-d14
Concen: 0.515 ng
RT: 19.833 min Scan# 2066
Delta R.T. -0.004 min
Lab File: BN035908.D
Acq: 10 Jan 2025 18:56

Tgt Ion:244 Resp: 1425

Ion	Ratio	Lower	Upper
244	100		
212	14.1	10.1	15.1
122	15.7	12.2	18.4



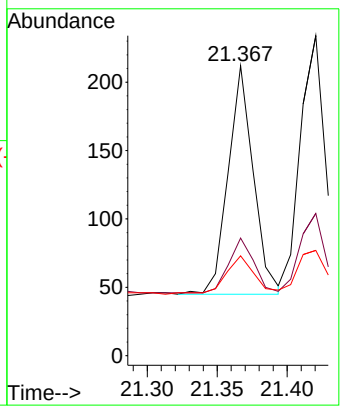


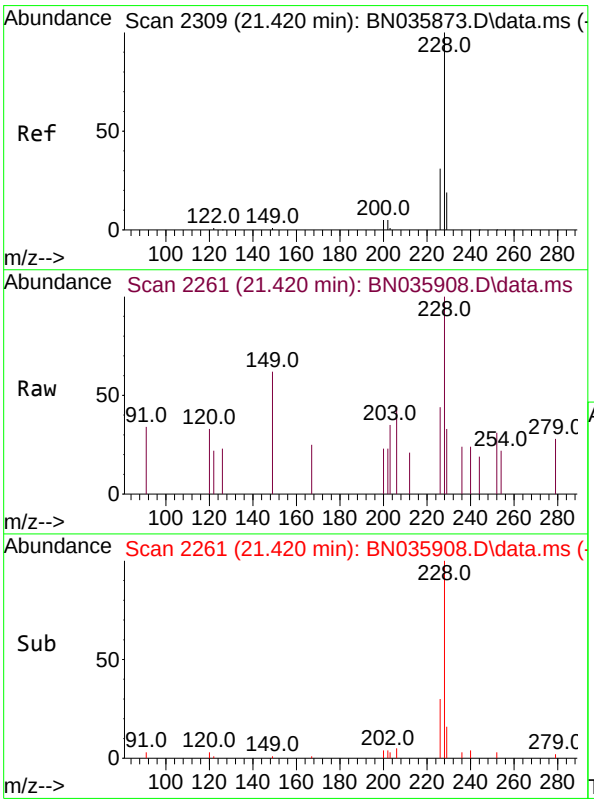
#32
Benzo(a)anthracene
Concen: 0.043 ng
RT: 21.367 min Scan# 2
Delta R.T. -0.008 min
Lab File: BN035908.D
Acq: 10 Jan 2025 18:56

Instrument :
BNA_N
ClientSampleId :
RW5-SP303-20250108

Tgt Ion:228 Resp: 209

Ion	Ratio	Lower	Upper
228	100		
226	40.6	22.7	34.1#
229	34.4	17.1	25.7#

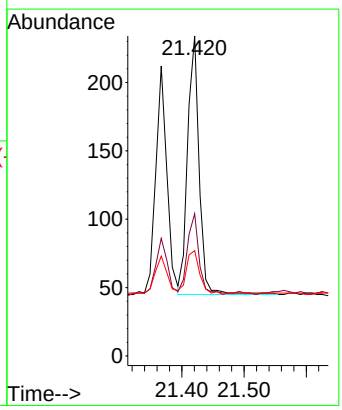


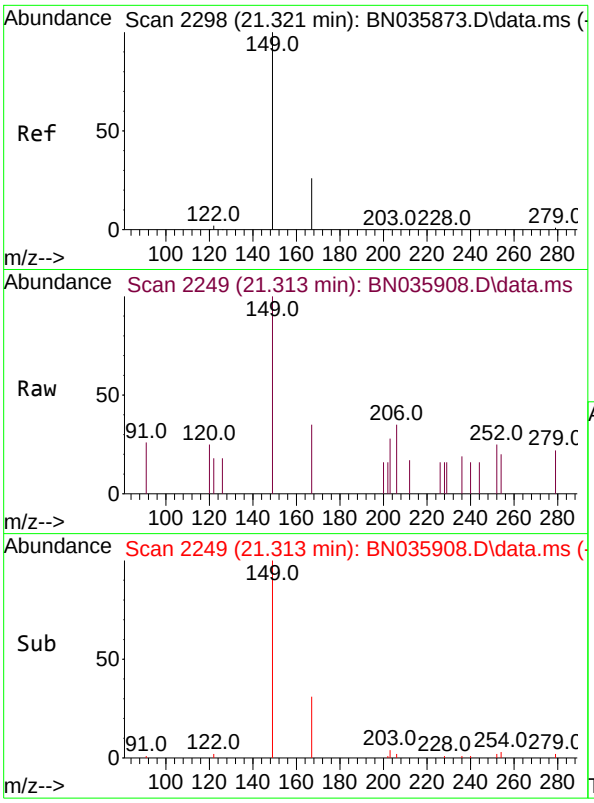


#33
Chrysene
Concen: 0.048 ng
RT: 21.420 min Scan# 2261
Delta R.T. 0.001 min
Lab File: BN035908.D
Acq: 10 Jan 2025 18:56

Tgt Ion:228 Resp: 246

Ion	Ratio	Lower	Upper
228	100		
226	44.4	25.2	37.8#
229	32.9	16.0	24.0#



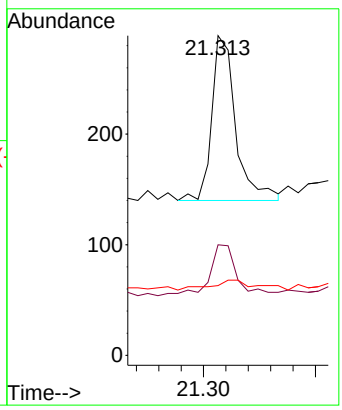


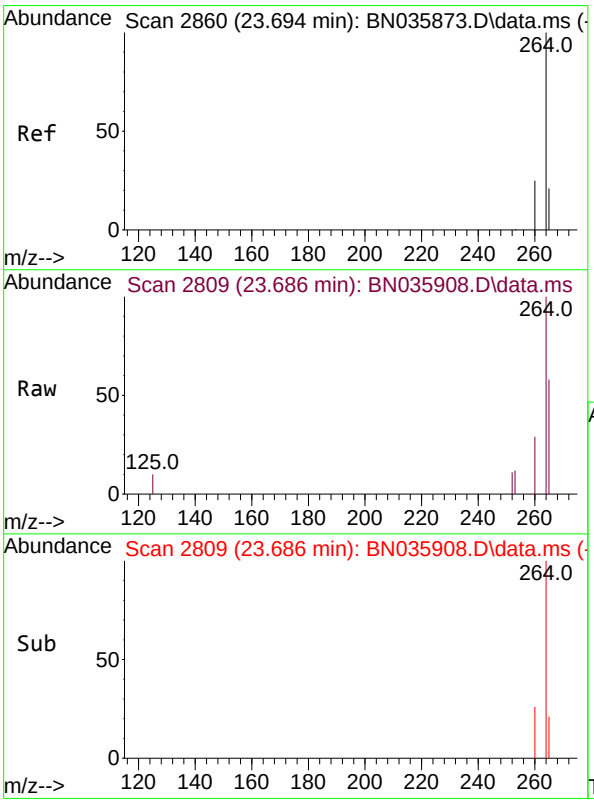
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.111 ng
RT: 21.313 min Scan# 2
Delta R.T. -0.008 min
Lab File: BN035908.D
Acq: 10 Jan 2025 18:56

Instrument :
BNA_N
ClientSampleId :
RW5-SP303-20250108

Tgt Ion:149 Resp: 221

Ion	Ratio	Lower	Upper
149	100		
167	29.4	21.4	32.0
279	11.3	3.0	4.6#

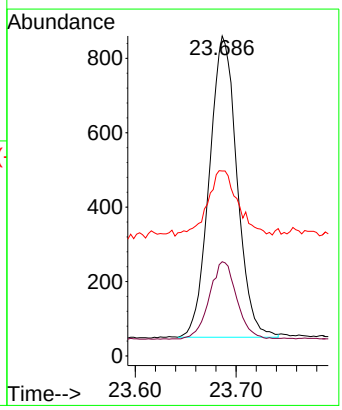


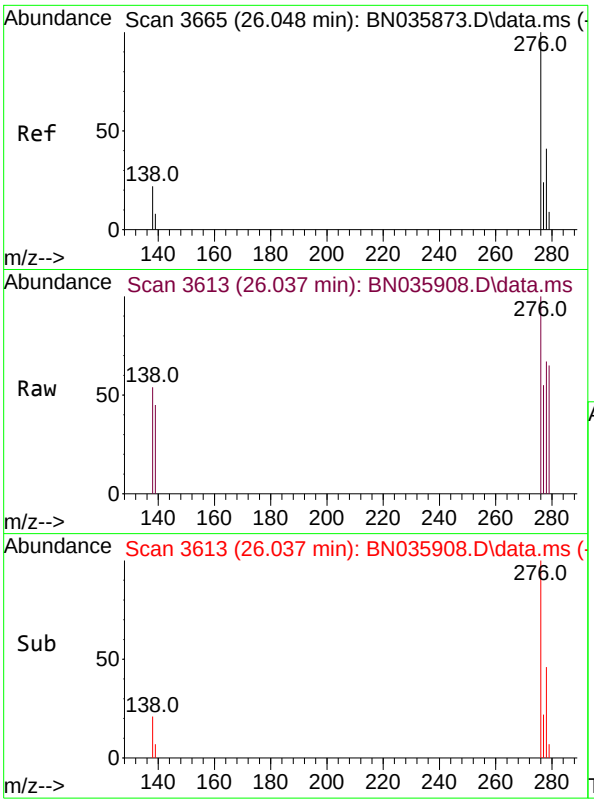


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.686 min Scan# 2809
Delta R.T. -0.008 min
Lab File: BN035908.D
Acq: 10 Jan 2025 18:56

Tgt Ion:264 Resp: 1542

Ion	Ratio	Lower	Upper
264	100		
260	29.4	21.7	32.5
265	57.8	33.9	50.9#



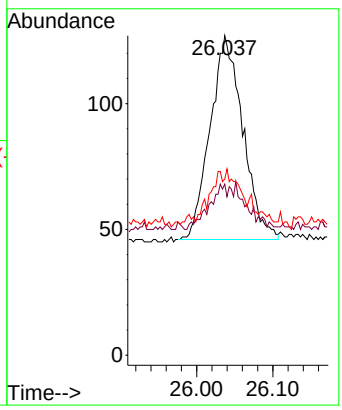


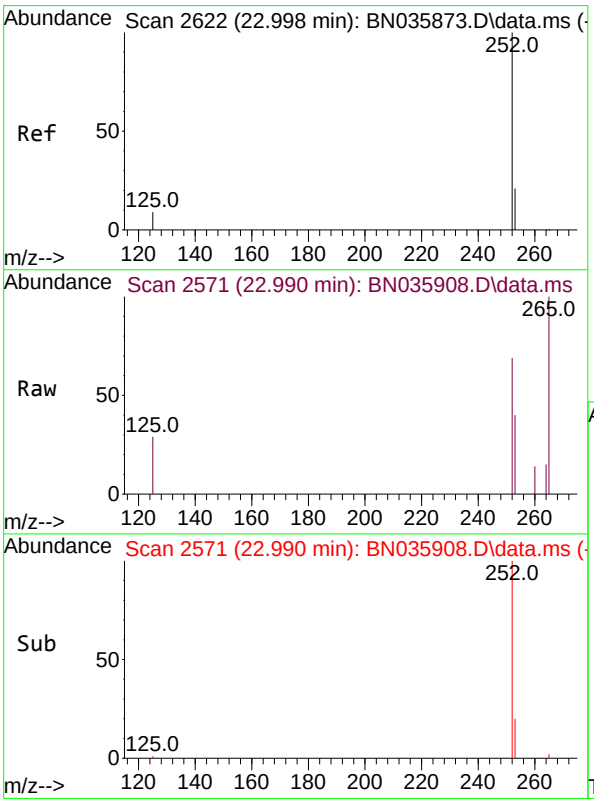
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.040 ng
RT: 26.037 min Scan# 3
Delta R.T. -0.011 min
Lab File: BN035908.D
Acq: 10 Jan 2025 18:56

Instrument :
BNA_N
ClientSampleId :
RW5-SP303-20250108

Tgt Ion:276 Resp: 241

Ion	Ratio	Lower	Upper
276	100		
138	12.0	18.9	28.3#
277	10.0	19.5	29.3#

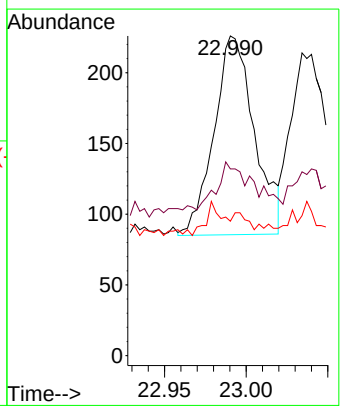


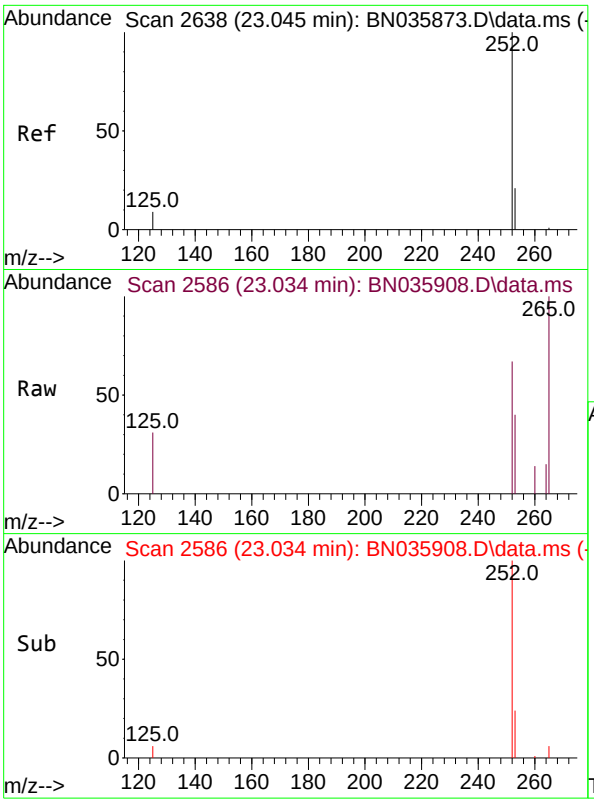


#37
Benzo(b)fluoranthene
Concen: 0.046 ng
RT: 22.990 min Scan# 2571
Delta R.T. -0.008 min
Lab File: BN035908.D
Acq: 10 Jan 2025 18:56

Tgt Ion:252 Resp: 242

Ion	Ratio	Lower	Upper
252	100		
253	58.4	20.1	30.1#
125	42.0	9.9	14.9#



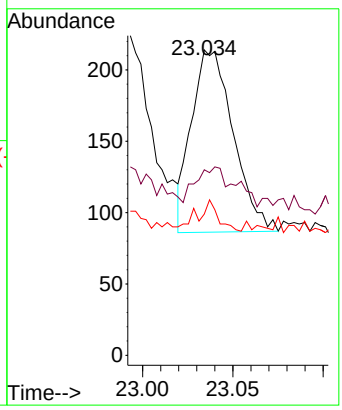


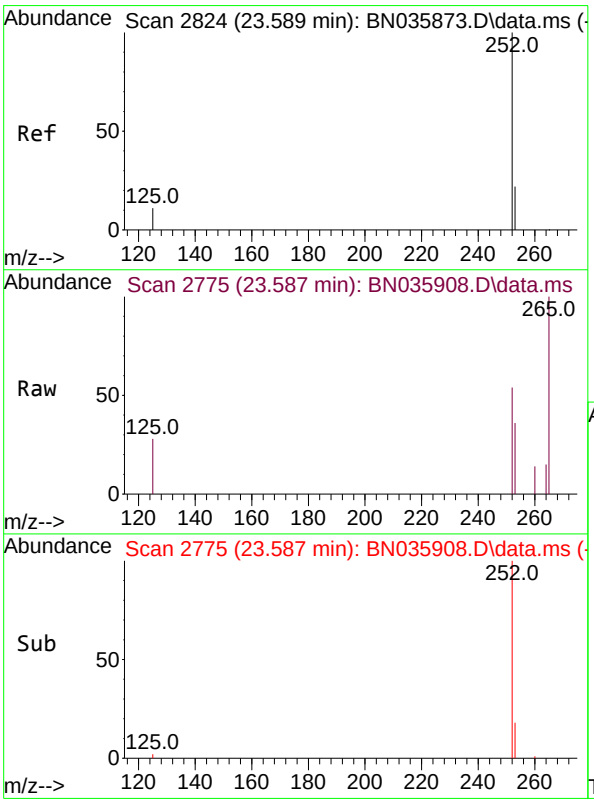
#38
Benzo(k)fluoranthene
Concen: 0.039 ng
RT: 23.034 min Scan# 2
Delta R.T. -0.011 min
Lab File: BN035908.D
Acq: 10 Jan 2025 18:56

Instrument :
BNA_N
ClientSampleId :
RW5-SP303-20250108

Tgt Ion:252 Resp: 205

Ion	Ratio	Lower	Upper
252	100		
253	60.7	20.5	30.7#
125	46.3	10.6	16.0#

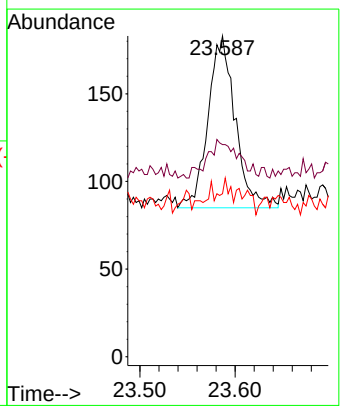


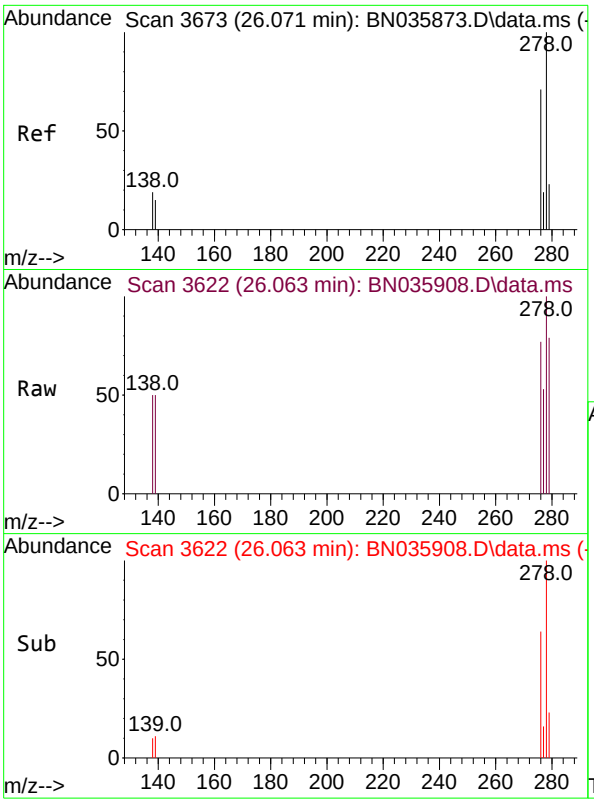


#39
Benzo(a)pyrene
Concen: 0.043 ng
RT: 23.587 min Scan# 2775
Delta R.T. -0.002 min
Lab File: BN035908.D
Acq: 10 Jan 2025 18:56

Tgt Ion:252 Resp: 195

Ion	Ratio	Lower	Upper
252	100		
253	66.1	21.5	32.3#
125	50.8	12.6	19.0#



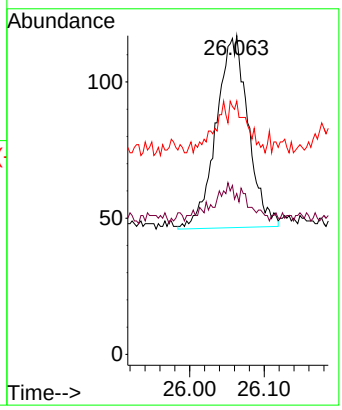


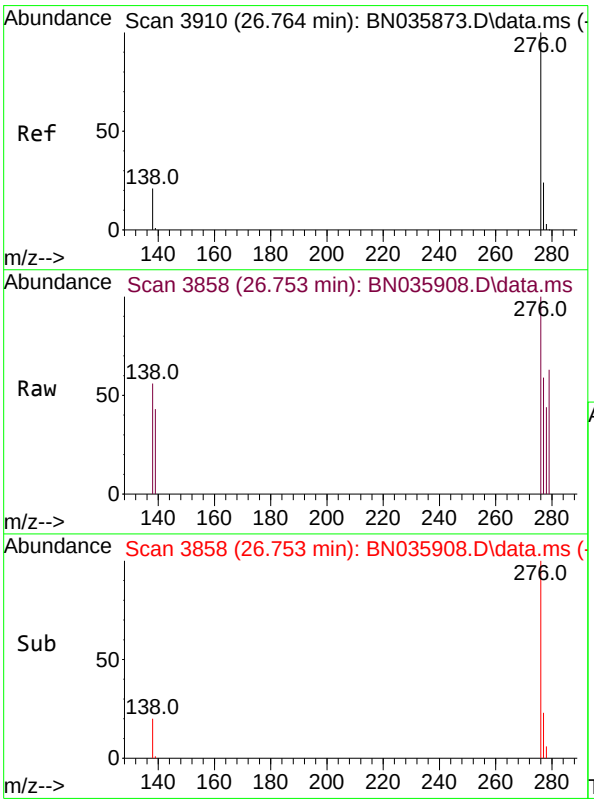
#40
Dibenzo(a,h)anthracene
Concen: 0.043 ng
RT: 26.063 min Scan# 3
Delta R.T. -0.008 min
Lab File: BN035908.D
Acq: 10 Jan 2025 18:56

Instrument :
BNA_N
ClientSampleId :
RW5-SP303-20250108

Tgt Ion:278 Resp: 210

Ion	Ratio	Lower	Upper
278	100		
139	50.4	15.9	23.9#
279	79.5	23.0	34.4#





#41
Benzo(g,h,i)perylene
Concen: 0.040 ng
RT: 26.753 min Scan# 3858
Delta R.T. -0.011 min
Lab File: BN035908.D
Acq: 10 Jan 2025 18:56

Tgt Ion:276 Resp: 214

Ion	Ratio	Lower	Upper
276	100		
277	58.6	22.8	34.2#
138	56.0	20.1	30.1#