Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122324\
Data File : BN035820.D
Acq On : 24 Dec 2024 14:19
Operator : RC/JU
Sample : P5376-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RW10-MW01S-20241218

Quant Time: Dec 24 23:18:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 19 23:06:19 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.264	152	3143	0.400	ng	0.00
7) Naphthalene-d8	10.009	136	7176	0.400	ng	-0.01
13) Acenaphthene-d10	13.924	164	4458	0.400	ng	-0.01
19) Phenanthrene-d10	16.698	188	8922	0.400	ng	# 0.00
29) Chrysene-d12	20.947	240	7054	0.400	ng	# 0.00
35) Perylene-d12	23.029	264	6962	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	4.931	112	917	0.117	ng	0.00
5) Phenol-d6	6.484	99	441	0.047	ng	0.00
8) Nitrobenzene-d5	8.408	82	2026	0.462	ng	0.00
11) 2-Methylnaphthalene-d10	11.615	152	4238	0.377	ng	0.00
14) 2,4,6-Tribromophenol	15.453	330	621	0.196	ng	0.00
15) 2-Fluorobiphenyl	12.538	172	6805	0.404	ng	0.00
27) Fluoranthene-d10	18.752	212	10147	0.401	ng	0.00
31) Terphenyl-d14	19.379	244	7626	0.548	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.981	88	288	0.096	ng	# 82
9) Naphthalene	10.062	128	1741	0.092	ng	# 85
12) 2-Methylnaphthalene	11.692	142	1119	0.083	ng	# 90
16) Acenaphthylene	13.636	152	1929	0.103	ng	99
17) Acenaphthene	13.988	154	1200	0.097	ng	99
18) Fluorene	15.004	166	1564	0.088	ng	100
25) Phenanthrene	16.735	178	2911	0.119	ng	98
26) Anthracene	16.835	178	2107	0.095	ng	97
28) Fluoranthene	18.780	202	3244	0.098	ng	100
30) Pyrene	19.151	202	3281	0.126	ng	99
32) Benzo(a)anthracene	20.938	228	2057	0.083	ng	94
33) Chrysene	20.982	228	2719	0.107	ng	95
34) Bis(2-ethylhexyl)phtha...	20.902	149	426	0.044	ng	# 88
36) Indeno(1,2,3-cd)pyrene	25.076	276	1756	0.065	ng	# 79
37) Benzo(b)fluoranthene	22.427	252	2679	0.105	ng	# 52
38) Benzo(k)fluoranthene	22.465	252	2384	0.095	ng	# 51
39) Benzo(a)pyrene	22.947	252	1551	0.074	ng	# 24
40) Dibenzo(a,h)anthracene	25.093	278	1312	0.061	ng	# 29
41) Benzo(g,h,i)perylene	25.675	276	1511	0.067	ng	# 72

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122324\
Data File : BN035820.D
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Operator : RC/JU
Sample : P5376-07
Misc :
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BNA_N
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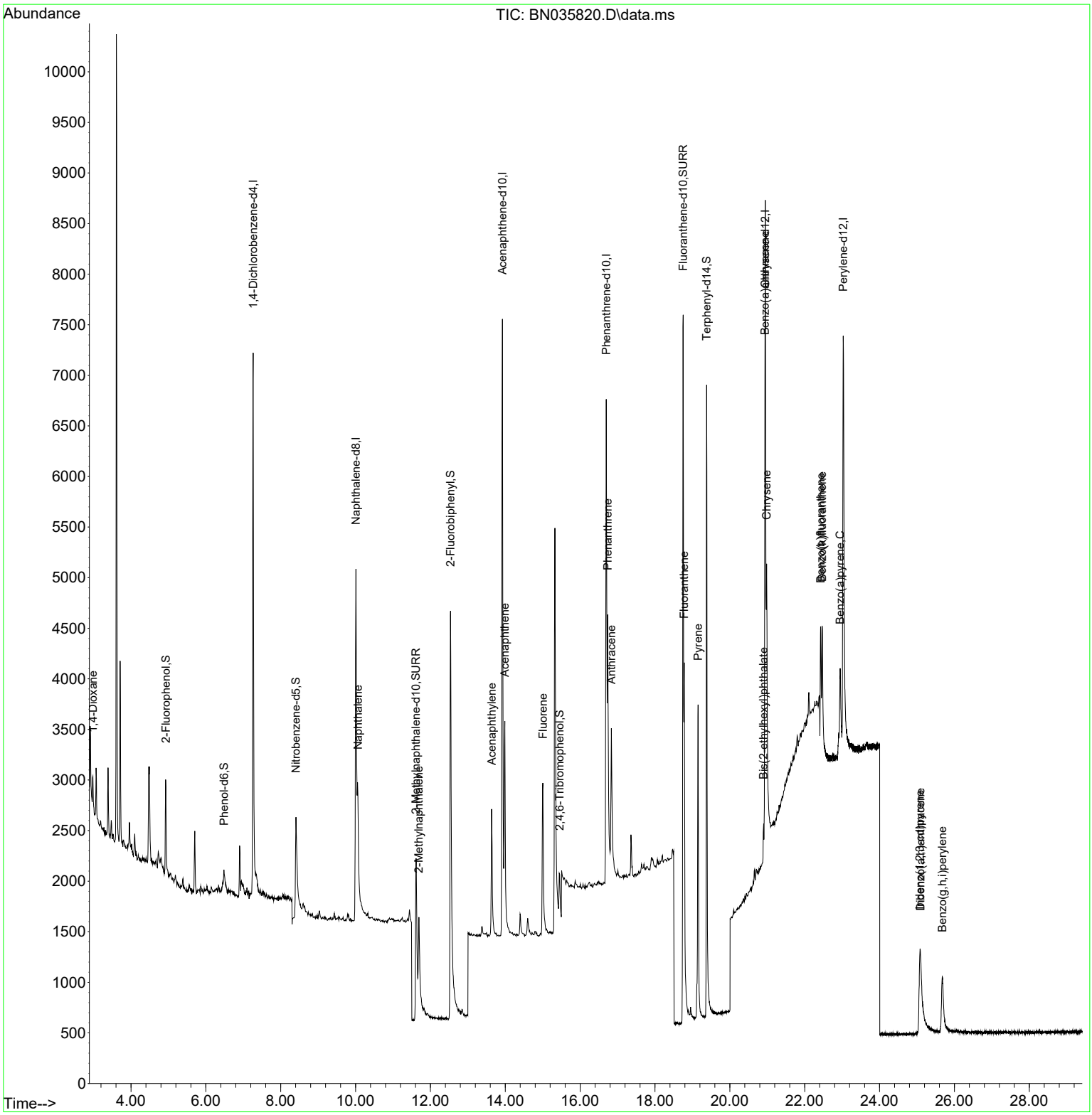
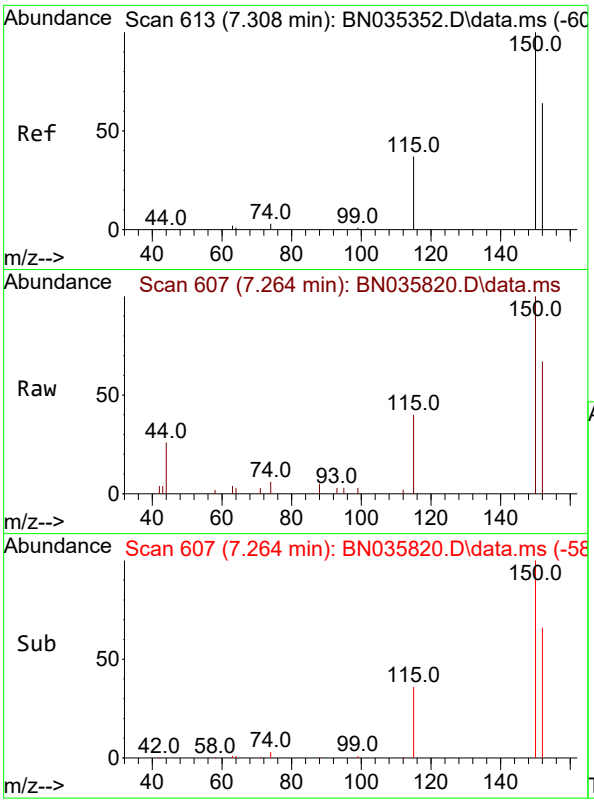
RW10-MW01S-20241218

Quant Time: Dec 24 23:18:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 19 23:06:19 2024
Response via : Initial Calibration



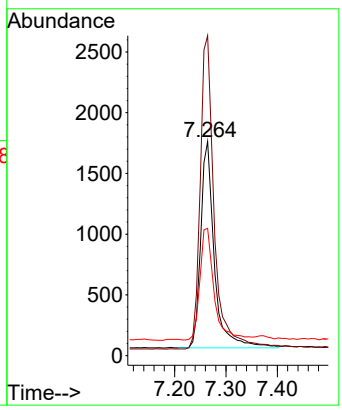


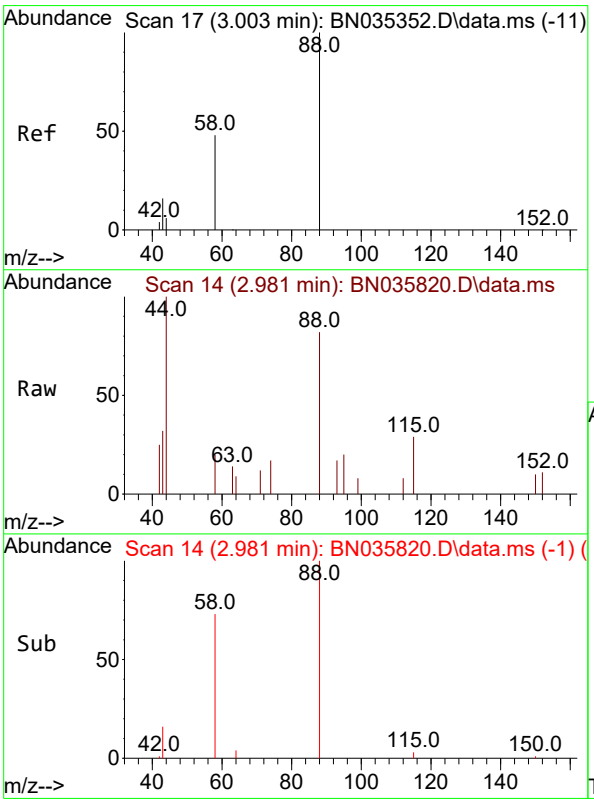
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.264 min Scan# 6
Delta R.T. -0.008 min
Lab File: BN035820.D
Acq: 24 Dec 2024 14:19

Instrument :
BNA_N
ClientSampleId :
RW10-MW01S-20241218

Tgt Ion:152 Resp: 3143

Ion	Ratio	Lower	Upper
152	100		
150	149.4	124.0	186.0
115	59.5	49.6	74.4

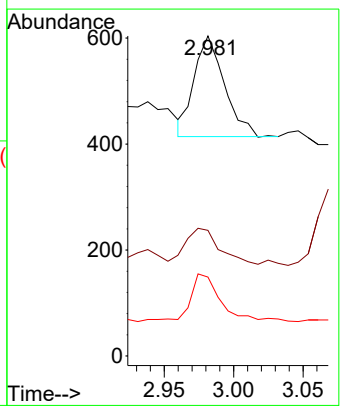


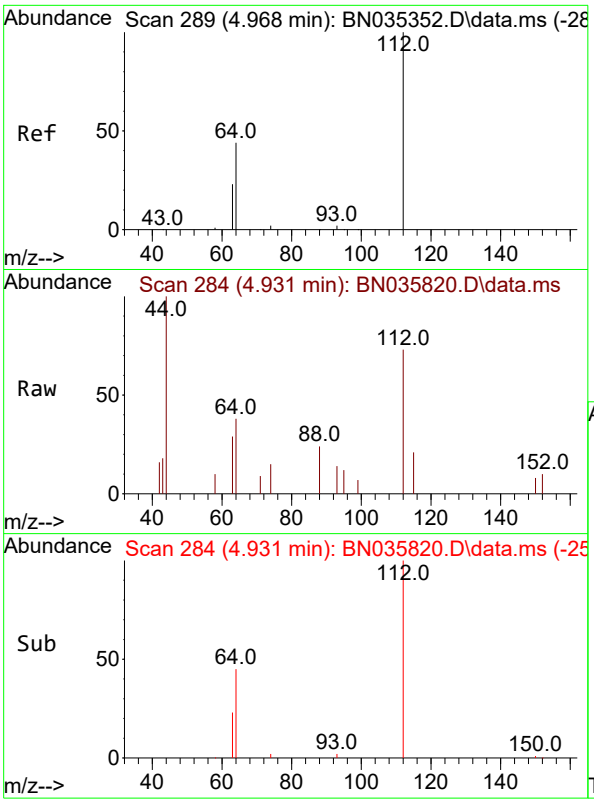


#2
1,4-Dioxane
Concen: 0.096 ng
RT: 2.981 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN035820.D
Acq: 24 Dec 2024 14:19

Tgt Ion: 88 Resp: 288

Ion	Ratio	Lower	Upper
88	100		
43	39.6	17.2	25.8#
58	48.3	44.5	66.7



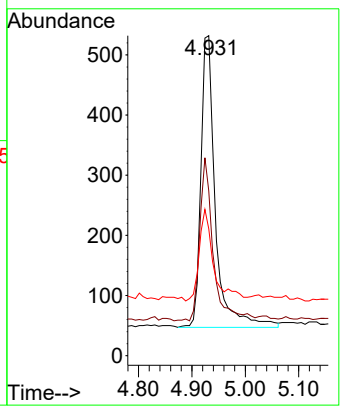


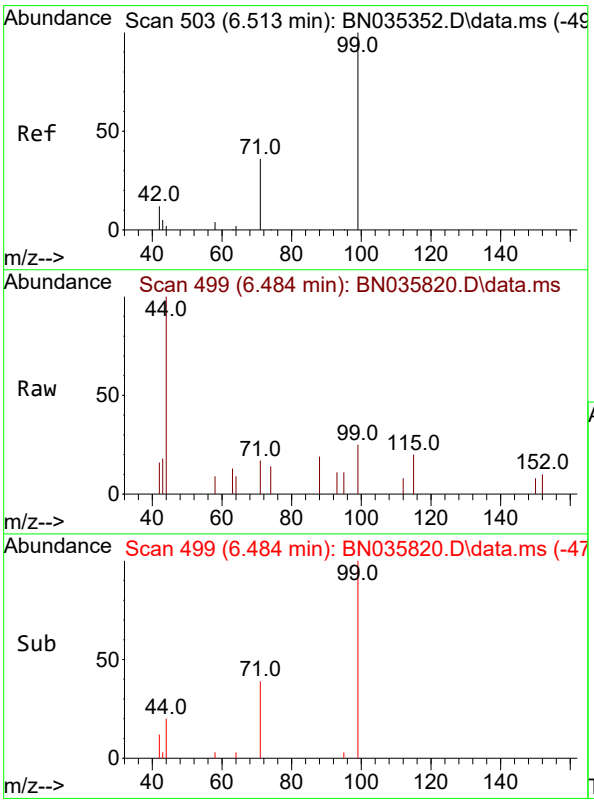
#4
2-Fluorophenol
Concen: 0.117 ng
RT: 4.931 min Scan# 2
Delta R.T. -0.007 min
Lab File: BN035820.D
Acq: 24 Dec 2024 14:19

Instrument :
BNA_N
ClientSampleId :
RW10-MW01S-20241218

Tgt Ion:112 Resp: 917

Ion	Ratio	Lower	Upper
112	100		
64	52.0	39.8	59.8
63	31.2	21.0	31.6

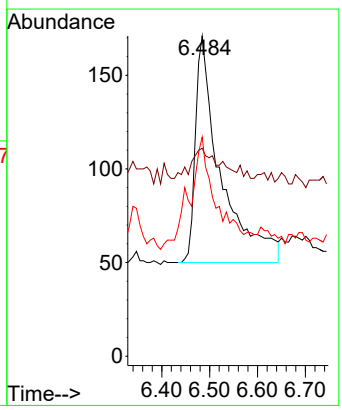


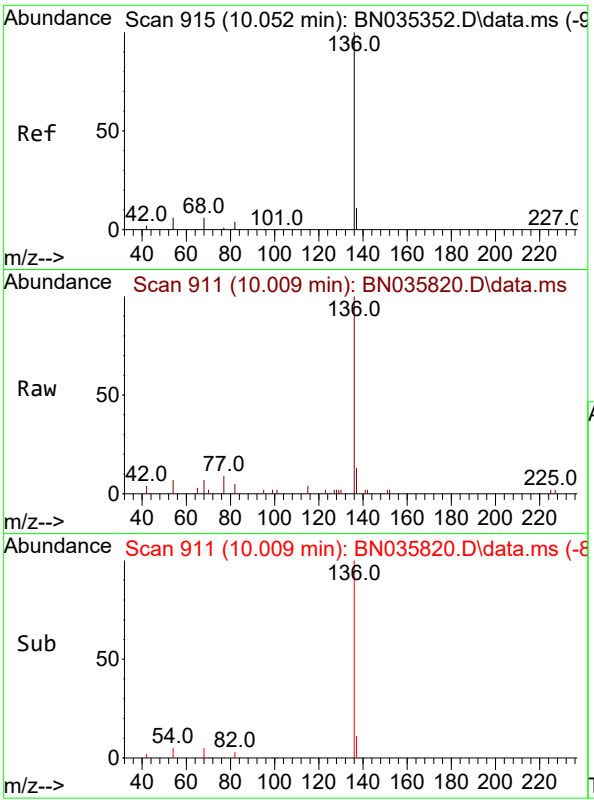


#5
Phenol-d6
Concen: 0.047 ng
RT: 6.484 min Scan# 499
Delta R.T. -0.007 min
Lab File: BN035820.D
Acq: 24 Dec 2024 14:19

Tgt Ion: 99 Resp: 441

Ion	Ratio	Lower	Upper
99	100		
42	13.8	11.4	17.2
71	54.9	29.3	43.9#



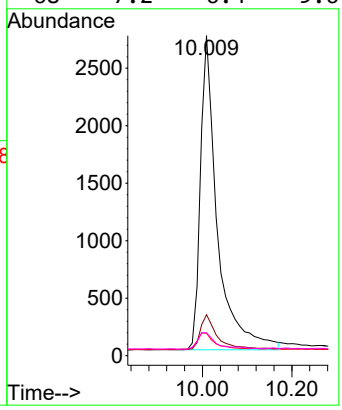


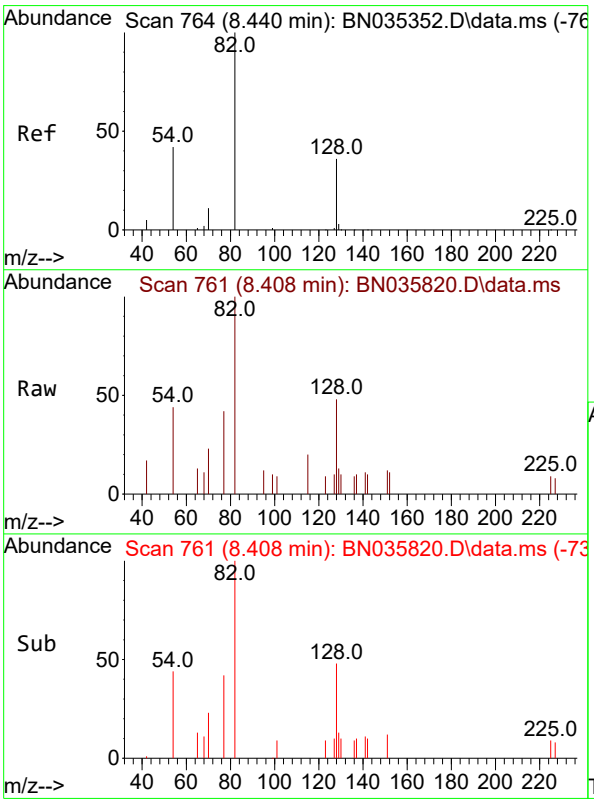
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.009 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN035820.D
Acq: 24 Dec 2024 14:19

Instrument :
BNA_N
ClientSampleId :
RW10-MW01S-20241218

Tgt Ion:136 Resp: 7176

Ion	Ratio	Lower	Upper
136	100		
137	12.8	10.2	15.2
54	7.1	6.1	9.1
68	7.2	6.4	9.6

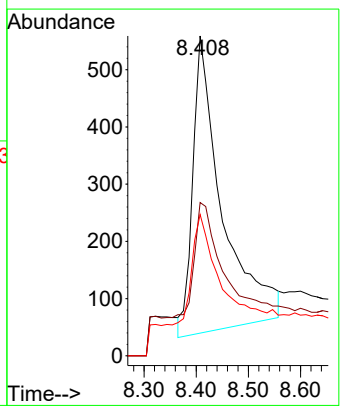


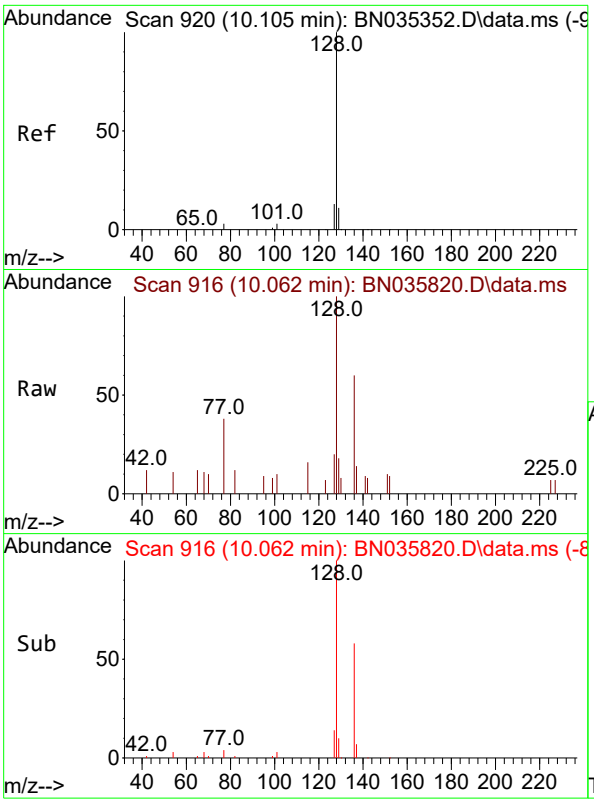


#8
Nitrobenzene-d5
Concen: 0.462 ng
RT: 8.408 min Scan# 761
Delta R.T. -0.000 min
Lab File: BN035820.D
Acq: 24 Dec 2024 14:19

Tgt Ion: 82 Resp: 2026

Ion	Ratio	Lower	Upper
82	100		
128	47.9	33.4	50.0
54	44.2	36.7	55.1



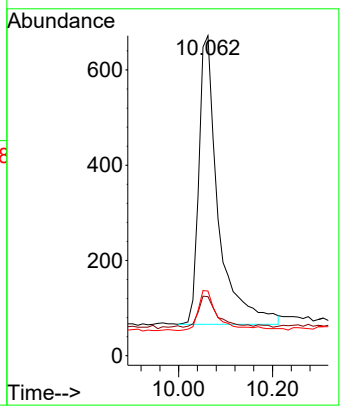


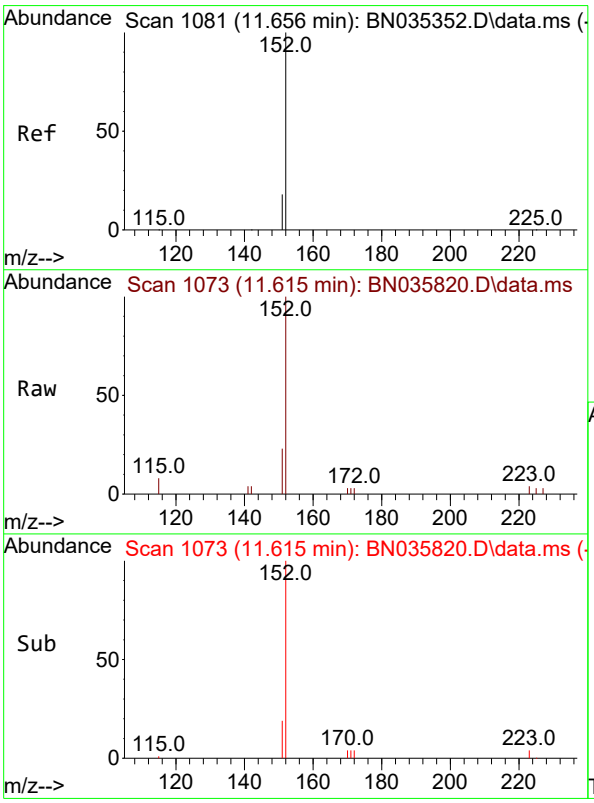
#9
Naphthalene
Concen: 0.092 ng
RT: 10.062 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN035820.D
Acq: 24 Dec 2024 14:19

Instrument :
BNA_N
ClientSampleId :
RW10-MW01S-20241218

Tgt Ion:128 Resp: 1741

Ion	Ratio	Lower	Upper
128	100		
129	18.5	9.8	14.6#
127	20.2	11.4	17.2#

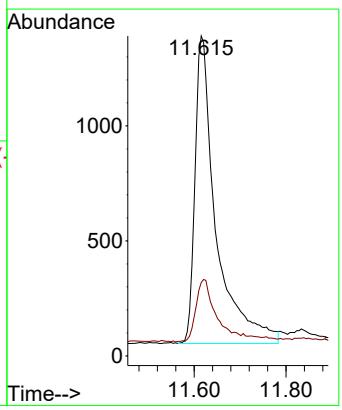


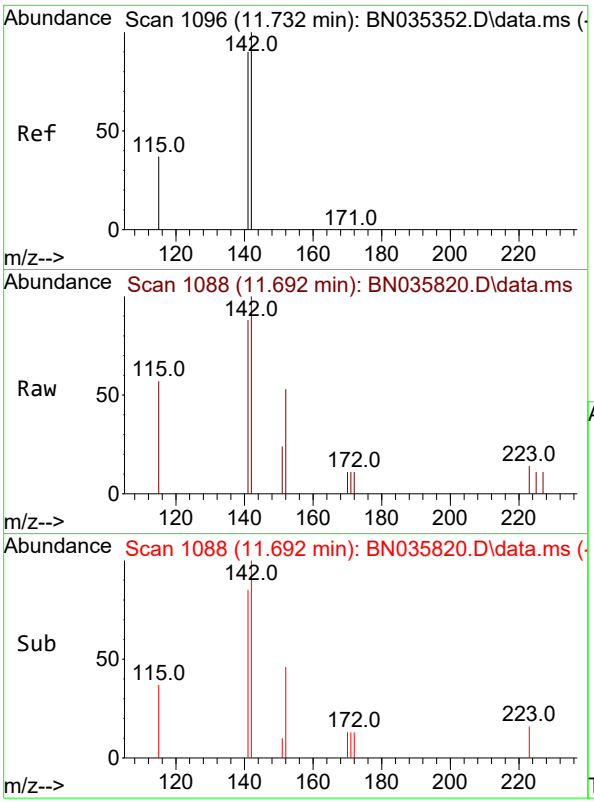


#11
2-Methylnaphthalene-d10
Concen: 0.377 ng
RT: 11.615 min Scan# 1073
Delta R.T. -0.005 min
Lab File: BN035820.D
Acq: 24 Dec 2024 14:19

Tgt Ion:152 Resp: 4238

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.6	25.0



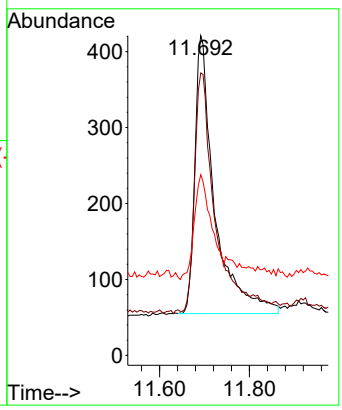


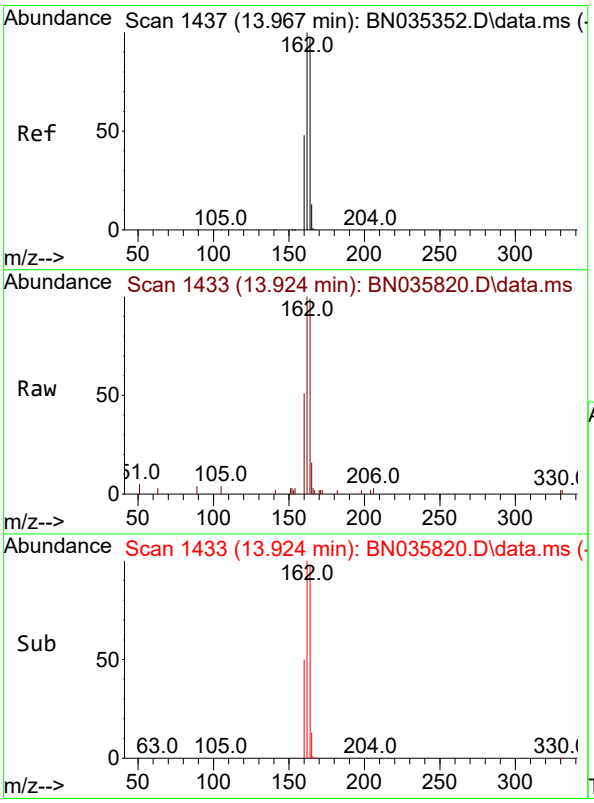
#12
2-Methylnaphthalene
Concen: 0.083 ng
RT: 11.692 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN035820.D
Acq: 24 Dec 2024 14:19

Instrument :
BNA_N
ClientSampleId :
RW10-MW01S-20241218

Tgt Ion:142 Resp: 1119

Ion	Ratio	Lower	Upper
142	100		
141	88.4	72.2	108.4
115	56.5	31.4	47.0#

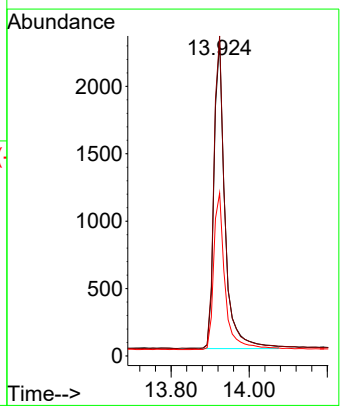


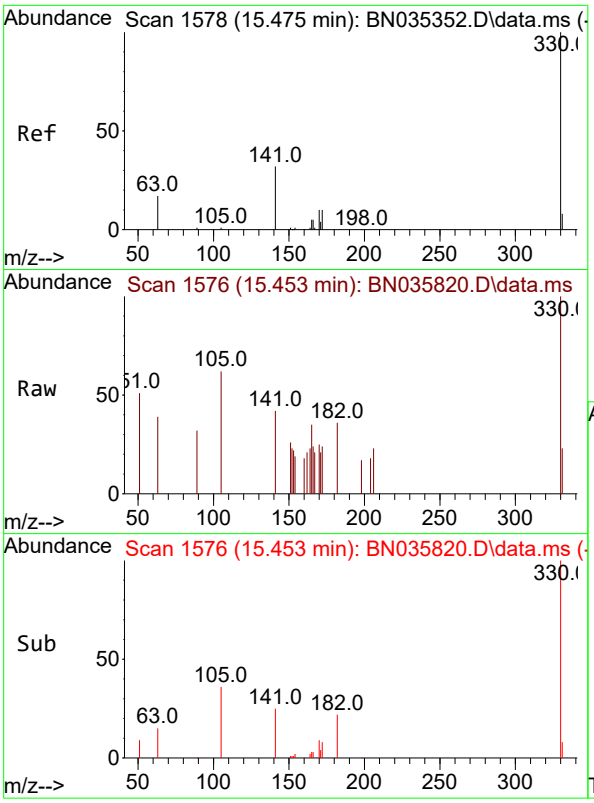


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.924 min Scan# 1433
Delta R.T. -0.011 min
Lab File: BN035820.D
Acq: 24 Dec 2024 14:19

Tgt Ion:164 Resp: 4458

Ion	Ratio	Lower	Upper
164	100		
162	101.5	82.2	123.2
160	51.7	40.1	60.1



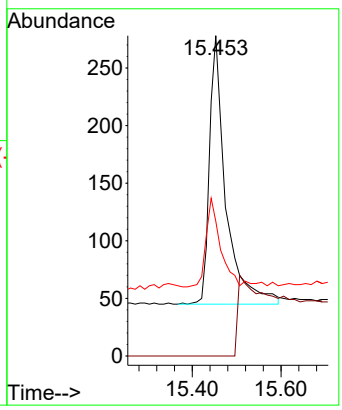


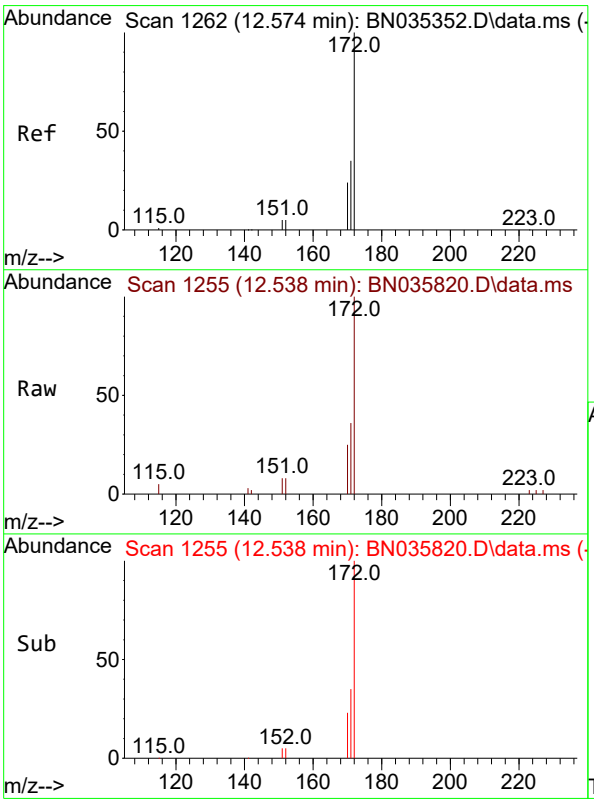
#14
2,4,6-Tribromophenol
Concen: 0.196 ng
RT: 15.453 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN035820.D
Acq: 24 Dec 2024 14:19

Instrument :
BNA_N
ClientSampleId :
RW10-MW01S-20241218

Tgt Ion:330 Resp: 621

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	31.7	26.6	40.0

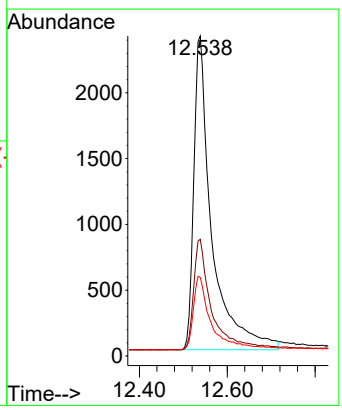


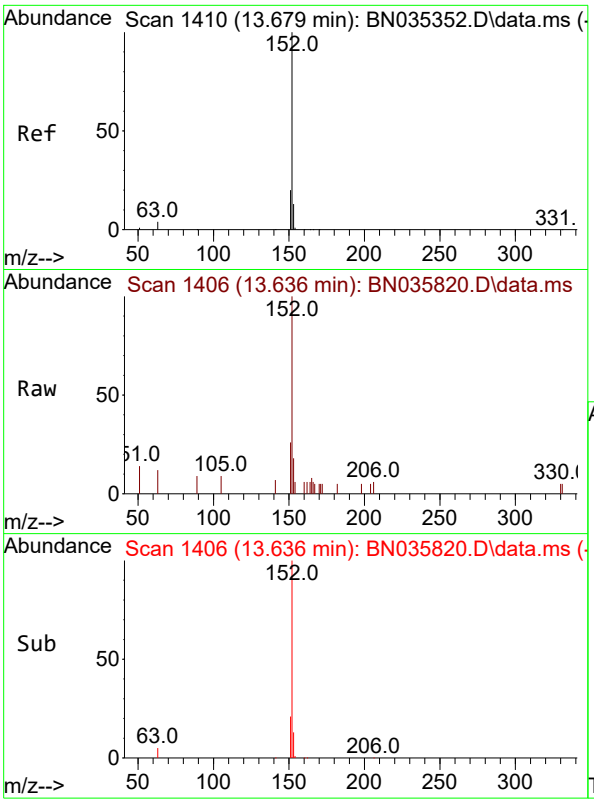


#15
2-Fluorobiphenyl
Concen: 0.404 ng
RT: 12.538 min Scan# 1255
Delta R.T. -0.005 min
Lab File: BN035820.D
Acq: 24 Dec 2024 14:19

Tgt Ion:172 Resp: 6805

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.0	43.4
170	24.5	19.8	29.8



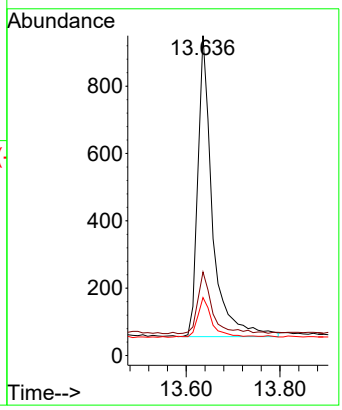


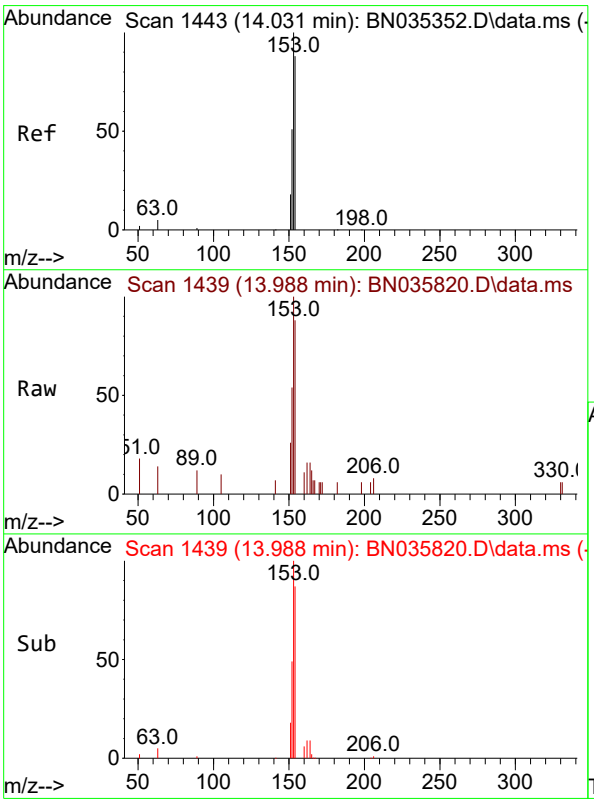
#16
Acenaphthylene
Concen: 0.103 ng
RT: 13.636 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN035820.D
Acq: 24 Dec 2024 14:19

Instrument :
BNA_N
ClientSampleId :
RW10-MW01S-20241218

Tgt Ion:152 Resp: 1929

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.2
153	13.3	10.4	15.6

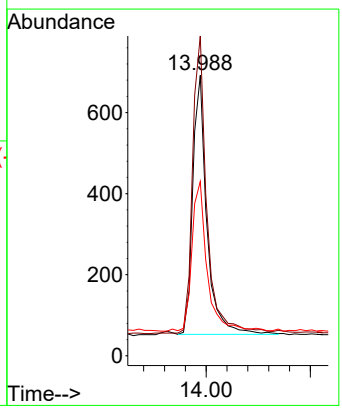


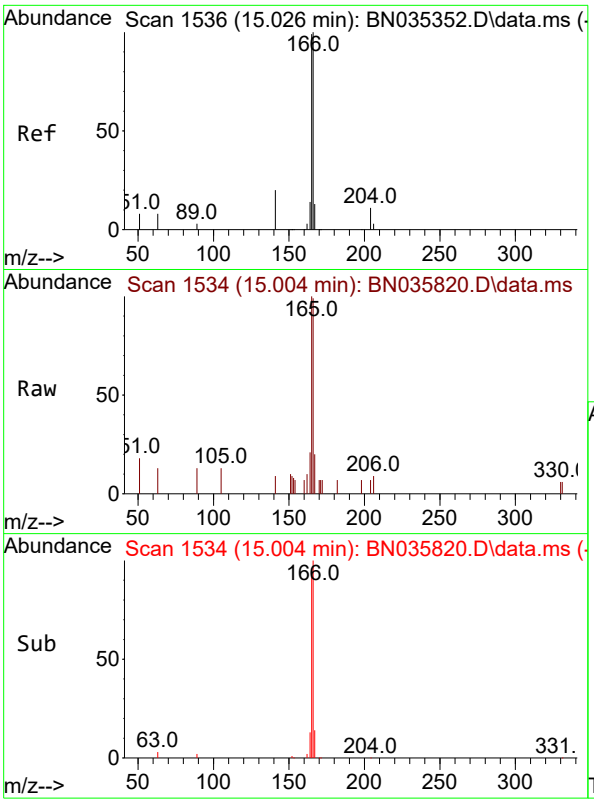


#17
Acenaphthene
Concen: 0.097 ng
RT: 13.988 min Scan# 1439
Delta R.T. -0.011 min
Lab File: BN035820.D
Acq: 24 Dec 2024 14:19

Tgt Ion:154 Resp: 1200

Ion	Ratio	Lower	Upper
154	100		
153	115.5	92.6	139.0
152	62.3	49.0	73.6



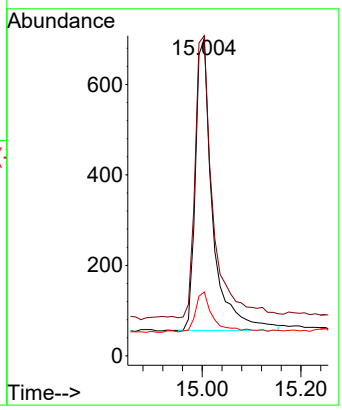


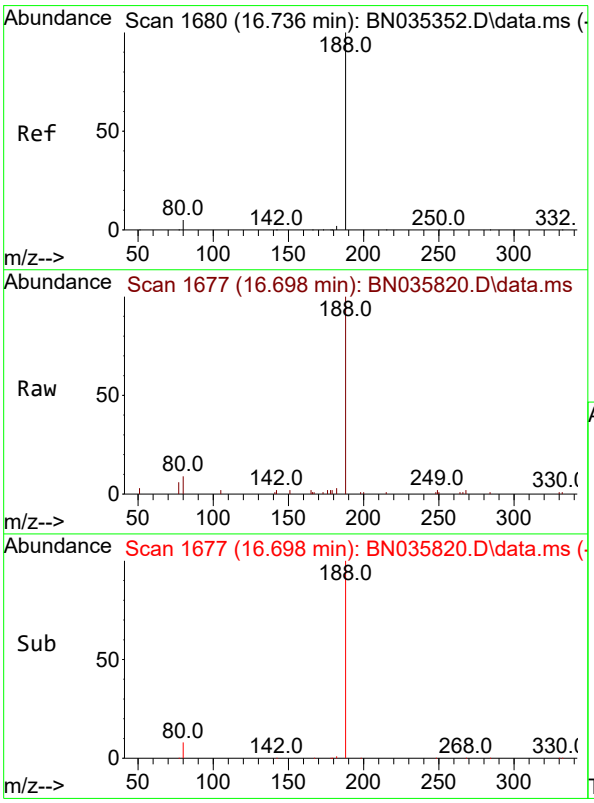
#18
Fluorene
Concen: 0.088 ng
RT: 15.004 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN035820.D
Acq: 24 Dec 2024 14:19

Instrument :
BNA_N
ClientSampleId :
RW10-MW01S-20241218

Tgt Ion:166 Resp: 1564

Ion	Ratio	Lower	Upper
166	100		
165	99.9	79.7	119.5
167	13.8	10.8	16.2

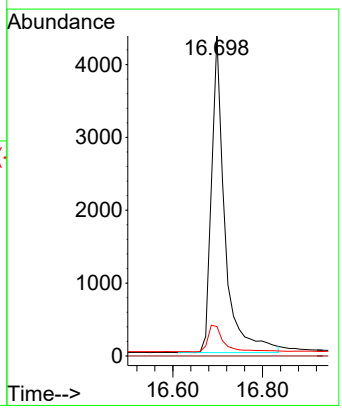


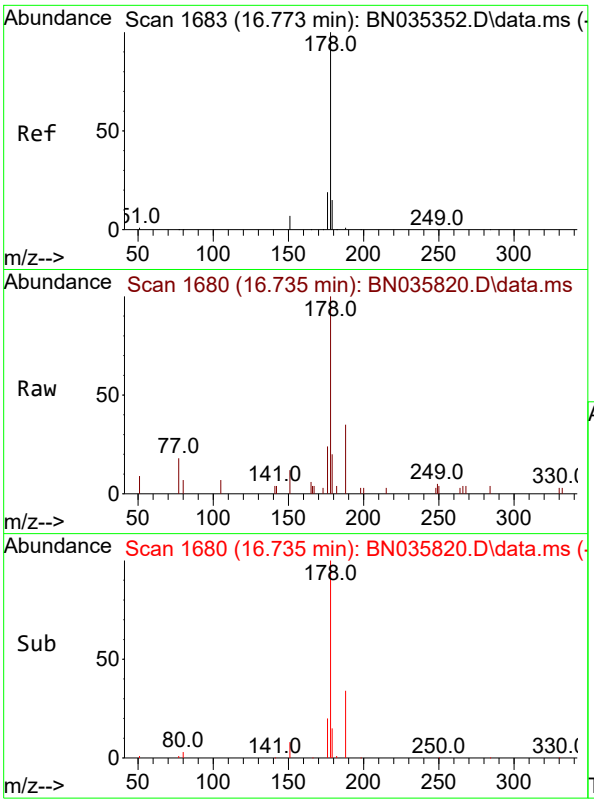


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.698 min Scan# 1677
Delta R.T. -0.000 min
Lab File: BN035820.D
Acq: 24 Dec 2024 14:19

Tgt Ion:188 Resp: 8922

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.2	4.6	6.8#



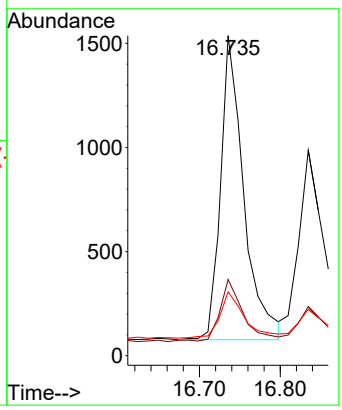


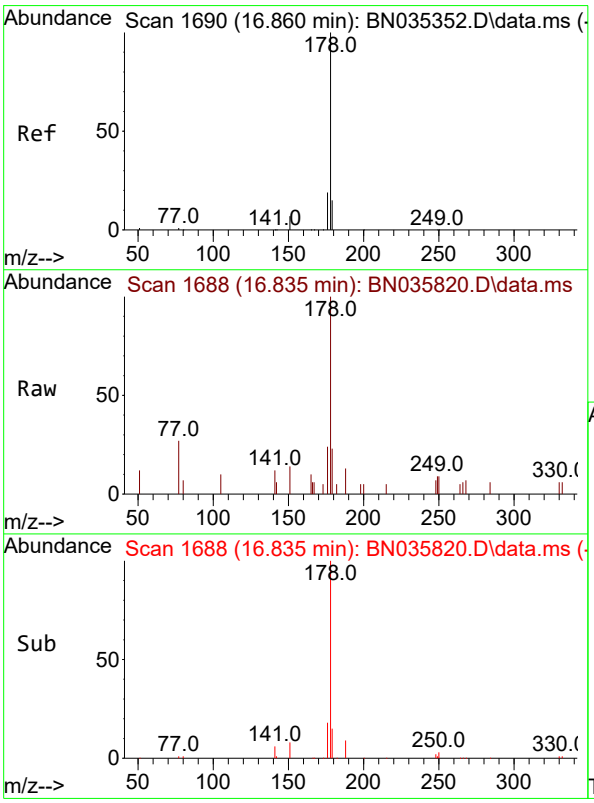
#25
Phenanthrene
Concen: 0.119 ng
RT: 16.735 min Scan# 1(
Delta R.T. -0.013 min
Lab File: BN035820.D
Acq: 24 Dec 2024 14:19

Instrument :
BNA_N
ClientSampleId :
RW10-MW01S-20241218

Tgt Ion:178 Resp: 2911

Ion	Ratio	Lower	Upper
178	100		
176	20.8	15.4	23.2
179	15.9	12.3	18.5

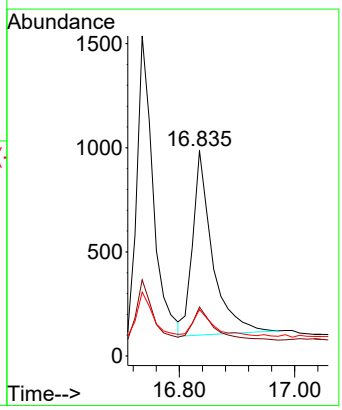


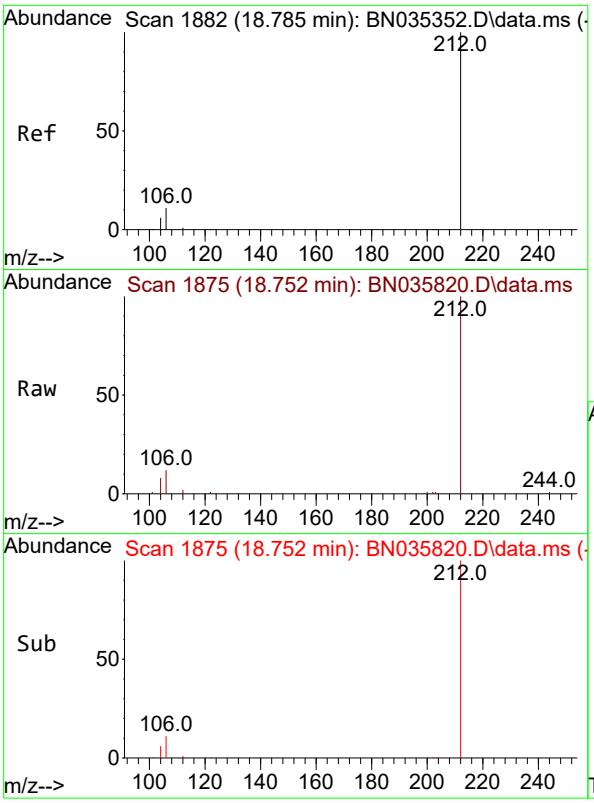


#26
Anthracene
Concen: 0.095 ng
RT: 16.835 min Scan# 1688
Delta R.T. -0.000 min
Lab File: BN035820.D
Acq: 24 Dec 2024 14:19

Tgt Ion:178 Resp: 2107

Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.0	22.6
179	16.5	12.6	18.8



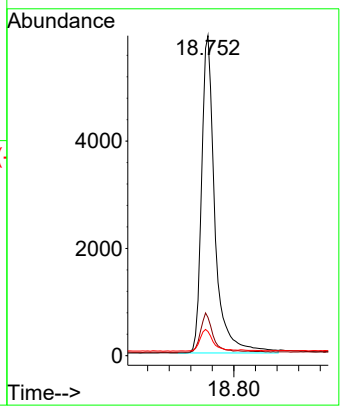


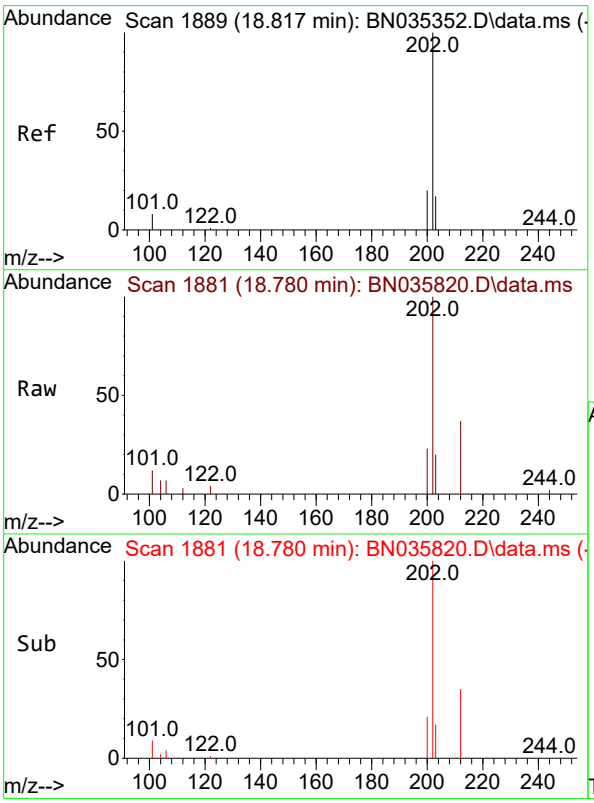
#27
Fluoranthene-d10
Concen: 0.401 ng
RT: 18.752 min Scan# 1
Delta R.T. -0.010 min
Lab File: BN035820.D
Acq: 24 Dec 2024 14:19

Instrument :
BNA_N
ClientSampleId :
RW10-MW01S-20241218

Tgt Ion:212 Resp: 10147

Ion	Ratio	Lower	Upper
212	100		
106	11.7	9.2	13.8
104	6.6	5.3	7.9

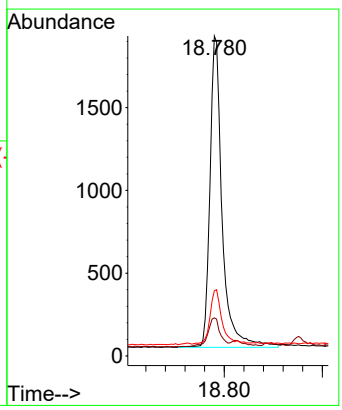


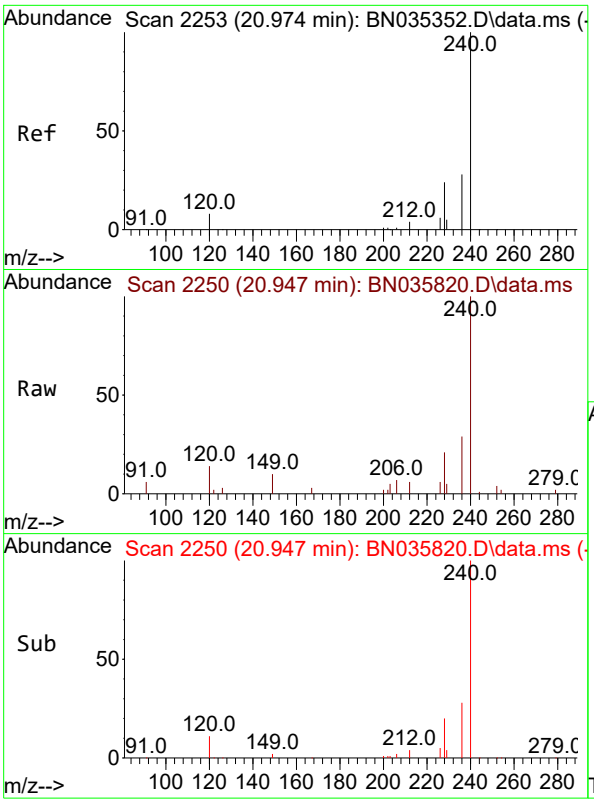


#28
Fluoranthene
Concen: 0.098 ng
RT: 18.780 min Scan# 1881
Delta R.T. -0.010 min
Lab File: BN035820.D
Acq: 24 Dec 2024 14:19

Tgt Ion:202 Resp: 3244

Ion	Ratio	Lower	Upper
202	100		
101	9.2	7.4	11.0
203	17.2	13.7	20.5



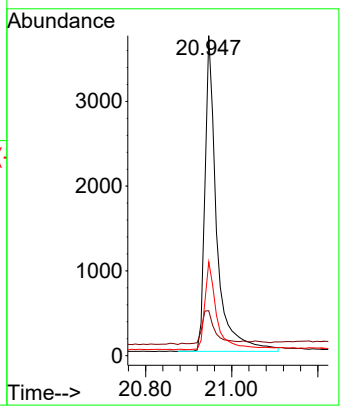


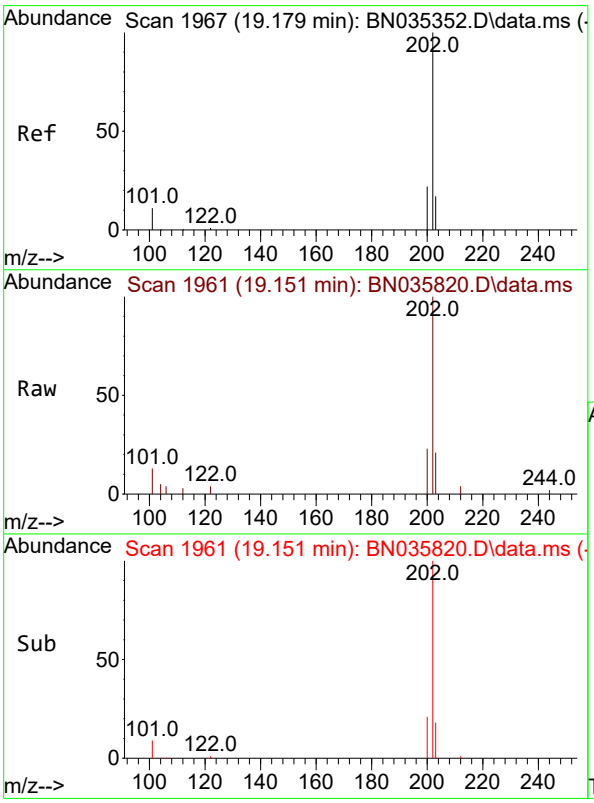
#29
Chrysene-d12
Concen: 0.400 ng
RT: 20.947 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN035820.D
Acq: 24 Dec 2024 14:19

Instrument :
BNA_N
ClientSampleId :
RW10-MW01S-20241218

Tgt Ion:240 Resp: 7054

Ion	Ratio	Lower	Upper
240	100		
120	14.1	7.9	11.9#
236	29.3	22.9	34.3

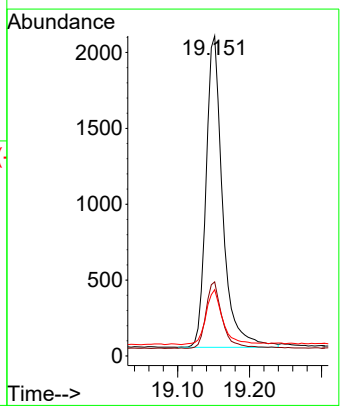


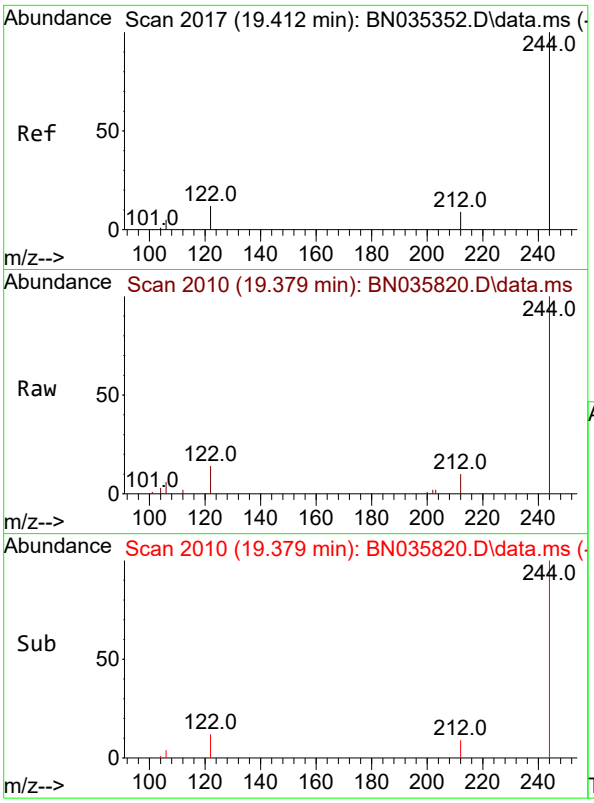


#30
Pyrene
Concen: 0.126 ng
RT: 19.151 min Scan# 1961
Delta R.T. -0.010 min
Lab File: BN035820.D
Acq: 24 Dec 2024 14:19

Tgt Ion:202 Resp: 3281

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.0	25.4
203	18.1	14.3	21.5



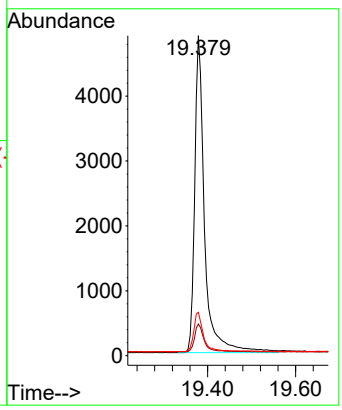


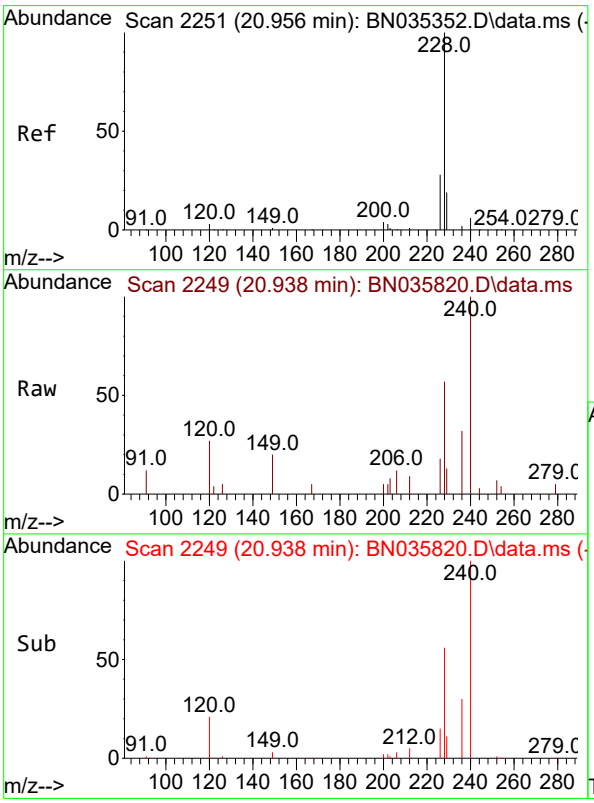
#31
Terphenyl-d14
Concen: 0.548 ng
RT: 19.379 min Scan# 2
Delta R.T. -0.010 min
Lab File: BN035820.D
Acq: 24 Dec 2024 14:19

Instrument :
BNA_N
ClientSampleId :
RW10-MW01S-20241218

Tgt Ion:244 Resp: 7626

Ion	Ratio	Lower	Upper
244	100		
212	9.9	8.1	12.1
122	13.5	10.3	15.5

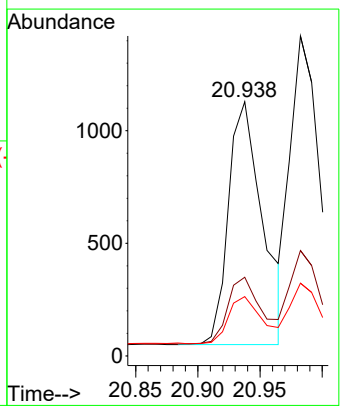


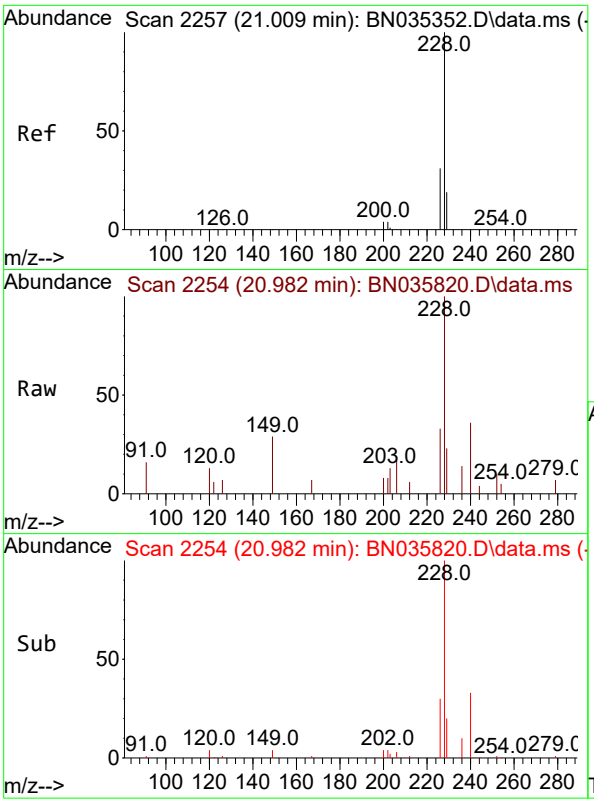


#32
Benzo(a)anthracene
Concen: 0.083 ng
RT: 20.938 min Scan# 2249
Delta R.T. -0.000 min
Lab File: BN035820.D
Acq: 24 Dec 2024 14:19

Tgt Ion:228 Resp: 2057

Ion	Ratio	Lower	Upper
228	100		
226	30.9	22.5	33.7
229	23.3	15.8	23.8



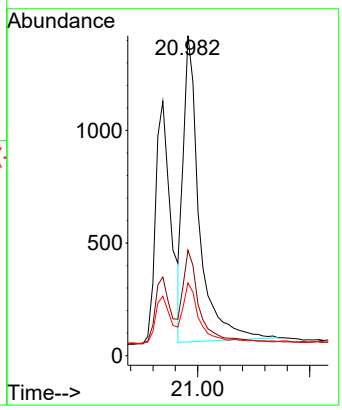


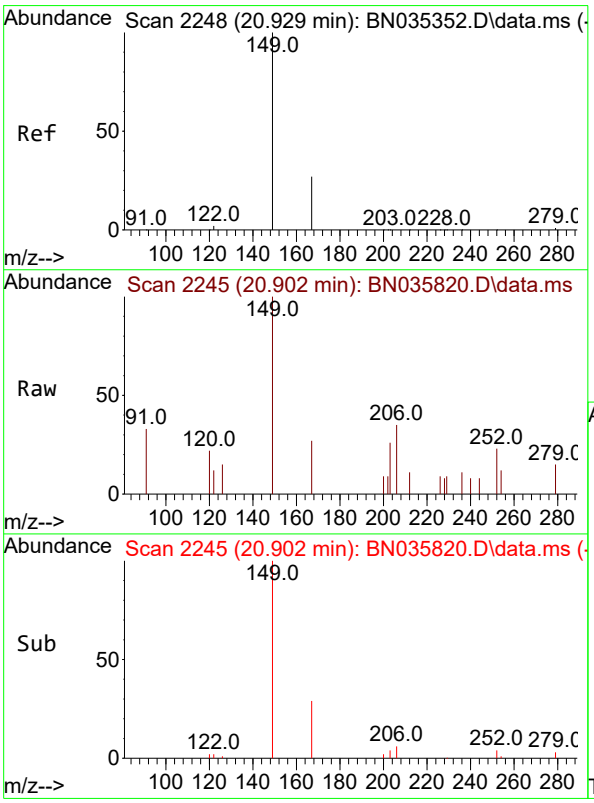
#33
Chrysene
Concen: 0.107 ng
RT: 20.982 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN035820.D
Acq: 24 Dec 2024 14:19

Instrument :
BNA_N
ClientSampleId :
RW10-MW01S-20241218

Tgt Ion:228 Resp: 2719

Ion	Ratio	Lower	Upper
228	100		
226	32.9	24.6	37.0
229	22.7	15.9	23.9

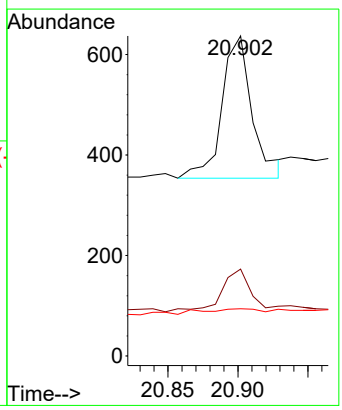


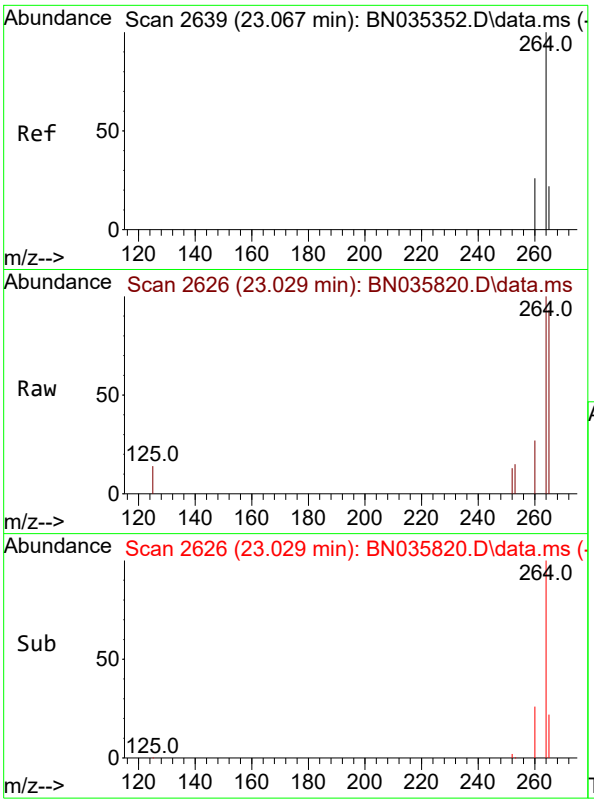


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.044 ng
RT: 20.902 min Scan# 2245
Delta R.T. -0.009 min
Lab File: BN035820.D
Acq: 24 Dec 2024 14:19

Tgt Ion:149 Resp: 426

Ion	Ratio	Lower	Upper
149	100		
167	34.0	22.2	33.4#
279	7.3	2.7	4.1#



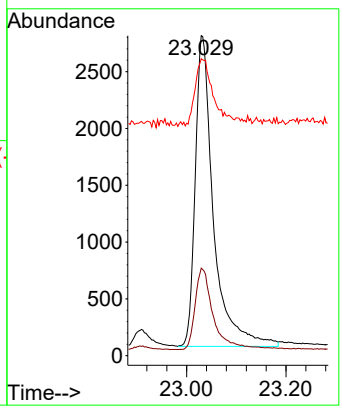


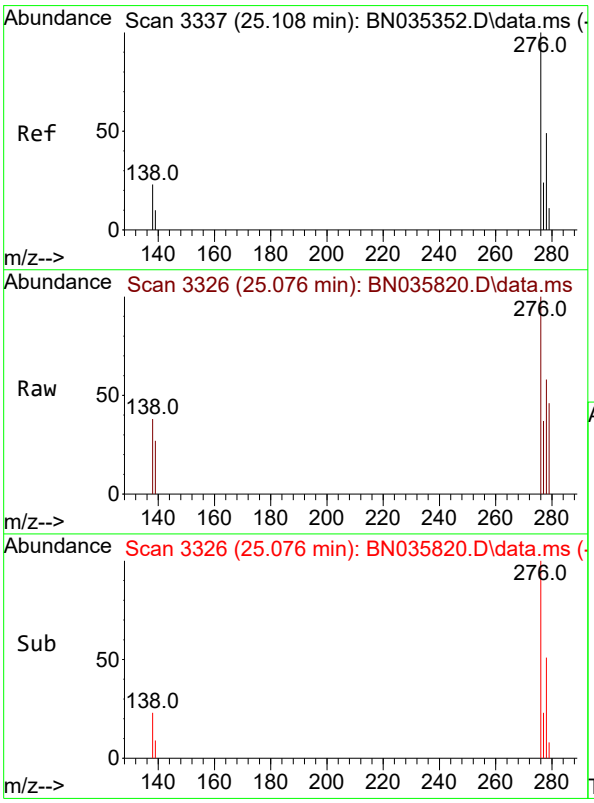
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.029 min Scan# 2
Delta R.T. -0.012 min
Lab File: BN035820.D
Acq: 24 Dec 2024 14:19

Instrument :
BNA_N
ClientSampleId :
RW10-MW01S-20241218

Tgt Ion:264 Resp: 6962

Ion	Ratio	Lower	Upper
264	100		
260	27.4	21.4	32.2
265	92.8	40.2	60.4#

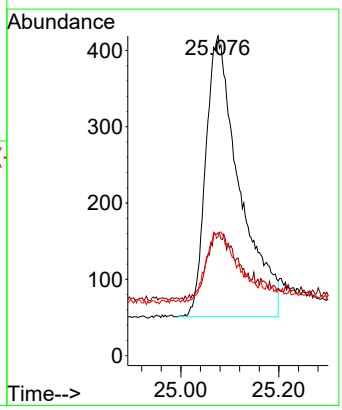


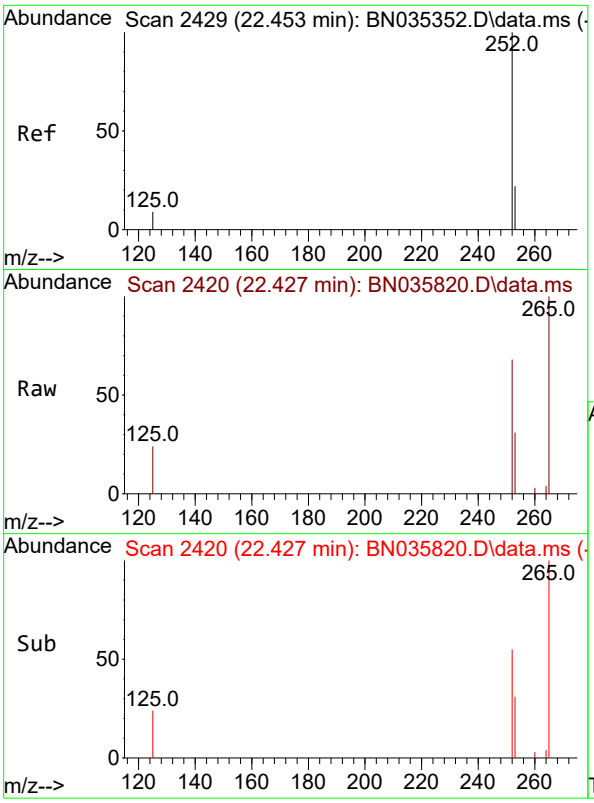


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.065 ng
RT: 25.076 min Scan# 3326
Delta R.T. 0.009 min
Lab File: BN035820.D
Acq: 24 Dec 2024 14:19

Tgt Ion:276 Resp: 1756

Ion	Ratio	Lower	Upper
276	100		
138	20.6	19.4	29.0
277	7.7	19.8	29.6#



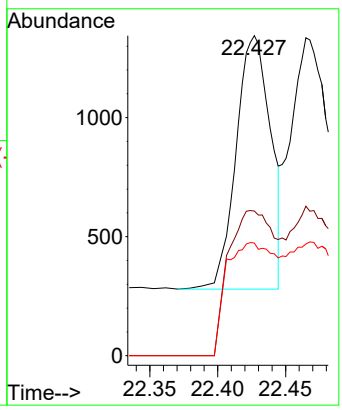


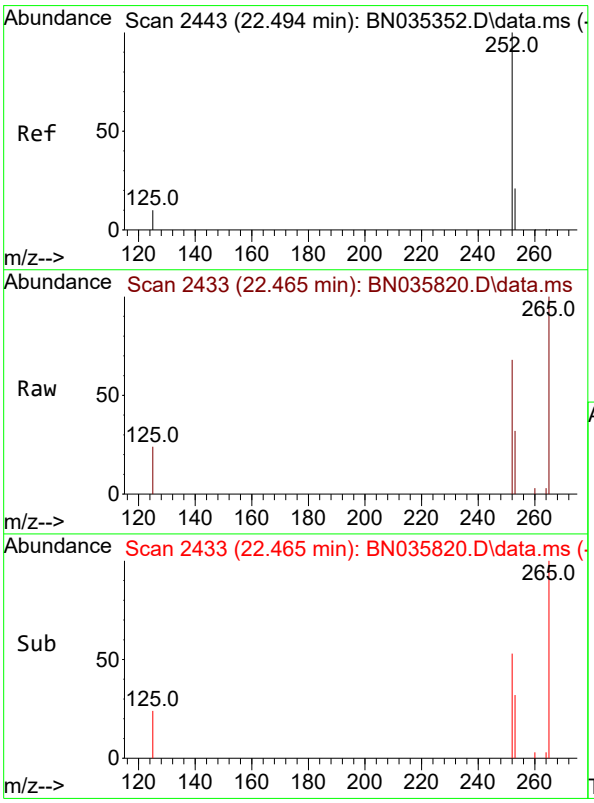
#37
Benzo(b)fluoranthene
Concen: 0.105 ng
RT: 22.427 min Scan# 24
Delta R.T. -0.003 min
Lab File: BN035820.D
Acq: 24 Dec 2024 14:19

Instrument :
BNA_N
ClientSampleId :
RW10-MW01S-20241218

Tgt Ion:252 Resp: 2679

Ion	Ratio	Lower	Upper
252	100		
253	45.2	19.6	29.4#
125	35.2	9.6	14.4#

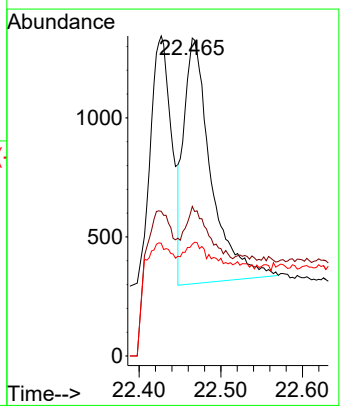


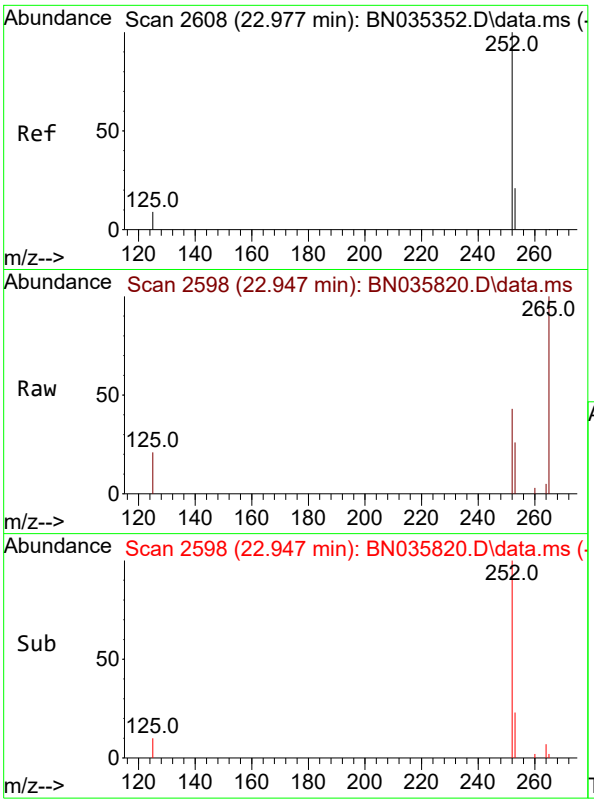


#38
Benzo(k)fluoranthene
Concen: 0.095 ng
RT: 22.465 min Scan# 2433
Delta R.T. -0.006 min
Lab File: BN035820.D
Acq: 24 Dec 2024 14:19

Tgt Ion:252 Resp: 2384

Ion	Ratio	Lower	Upper
252	100		
253	47.0	19.5	29.3#
125	35.1	10.2	15.4#



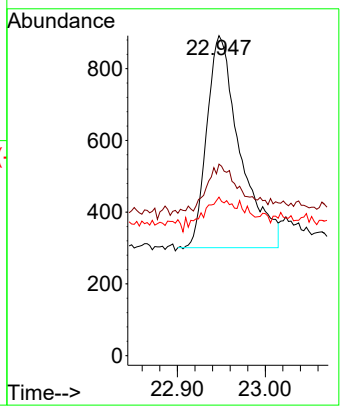


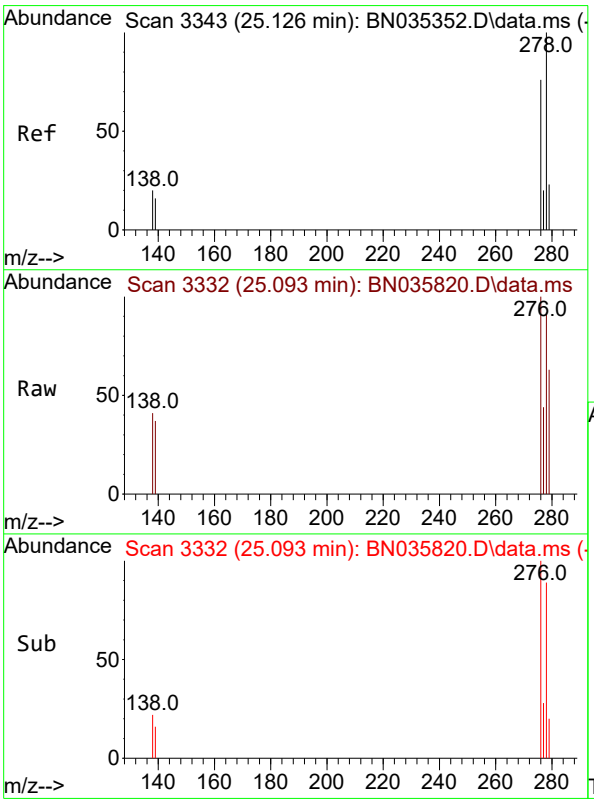
#39
Benzo(a)pyrene
Concen: 0.074 ng
RT: 22.947 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN035820.D
Acq: 24 Dec 2024 14:19

Instrument :
BNA_N
ClientSampleId :
RW10-MW01S-20241218

Tgt Ion:252 Resp: 1551

Ion	Ratio	Lower	Upper
252	100		
253	59.9	20.2	30.4#
125	49.6	10.9	16.3#

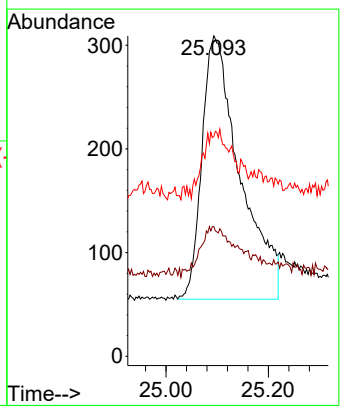


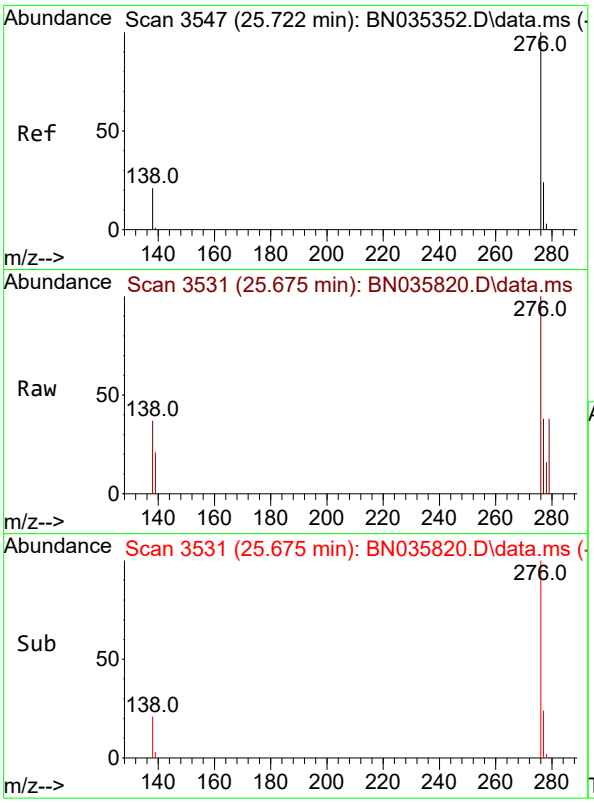


#40
Dibenzo(a,h)anthracene
Concen: 0.061 ng
RT: 25.093 min Scan# 3332
Delta R.T. 0.011 min
Lab File: BN035820.D
Acq: 24 Dec 2024 14:19

Tgt Ion:278 Resp: 1312

Ion	Ratio	Lower	Upper
278	100		
139	40.5	14.2	21.4#
279	68.6	20.5	30.7#





#41
Benzo(g,h,i)perylene
Concen: 0.067 ng
RT: 25.675 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN035820.D
Acq: 24 Dec 2024 14:19

Instrument :
BNA_N
ClientSampleId :
RW10-MW01S-20241218

Tgt Ion:276 Resp: 1511

Ion	Ratio	Lower	Upper
276	100		
277	38.0	19.9	29.9#
138	37.1	17.8	26.8#