Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122324\
Data File : BN035817.D
Acq On : 24 Dec 2024 12:33
Operator : RC/JU
Sample : P5376-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
TT149S1-20241218

Quant Time: Dec 24 23:17:43 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	2882	0.400	ng	0.00
7) Naphthalene-d8	10.009	136	6877	0.400	ng	-0.01
13) Acenaphthene-d10	13.925	164	4352	0.400	ng	-0.01
19) Phenanthrene-d10	16.698	188	9250	0.400	ng	# 0.00
29) Chrysene-d12	20.947	240	8129	0.400	ng	0.00
35) Perylene-d12	23.027	264	8126	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	4.924	112	816	0.113	ng	-0.01
5) Phenol-d6	6.477	99	466	0.054	ng	-0.01
8) Nitrobenzene-d5	8.408	82	2530	0.602	ng	0.00
11) 2-Methylnaphthalene-d10	11.616	152	3542	0.329	ng	0.00
14) 2,4,6-Tribromophenol	15.443	330	609	0.197	ng	-0.01
15) 2-Fluorobiphenyl	12.534	172	5853	0.356	ng	-0.01
27) Fluoranthene-d10	18.748	212	10238	0.390	ng	-0.01
31) Terphenyl-d14	19.379	244	8867	0.553	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.982	88	759	0.275	ng	# 85
3) n-Nitrosodimethylamine	3.220	42	64	0.028	ng	# 1
9) Naphthalene	10.052	128	1895	0.104	ng	# 86
12) 2-Methylnaphthalene	11.692	142	1157	0.089	ng	# 90
16) Acenaphthylene	13.636	152	1924	0.105	ng	98
17) Acenaphthene	13.989	154	1204	0.099	ng	99
18) Fluorene	14.994	166	1680	0.097	ng	99
25) Phenanthrene	16.736	178	3237	0.127	ng	100
26) Anthracene	16.835	178	2442	0.106	ng	98
28) Fluoranthene	18.780	202	3731	0.109	ng	99
30) Pyrene	19.147	202	4005	0.133	ng	99
32) Benzo(a)anthracene	20.929	228	2676	0.094	ng	95
33) Chrysene	20.983	228	3497	0.119	ng	97
34) Bis(2-ethylhexyl)phtha...	20.893	149	786	0.070	ng	# 98
36) Indeno(1,2,3-cd)pyrene	25.064	276	2211	0.070	ng	99
37) Benzo(b)fluoranthene	22.421	252	3364	0.113	ng	# 65
38) Benzo(k)fluoranthene	22.462	252	2940	0.100	ng	# 60
39) Benzo(a)pyrene	22.942	252	2085	0.085	ng	# 38
40) Dibenzo(a,h)anthracene	25.079	278	1701	0.068	ng	# 44
41) Benzo(g,h,i)perylene	25.667	276	1967	0.075	ng	# 84

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

Quantitation Report (Not Reviewed)

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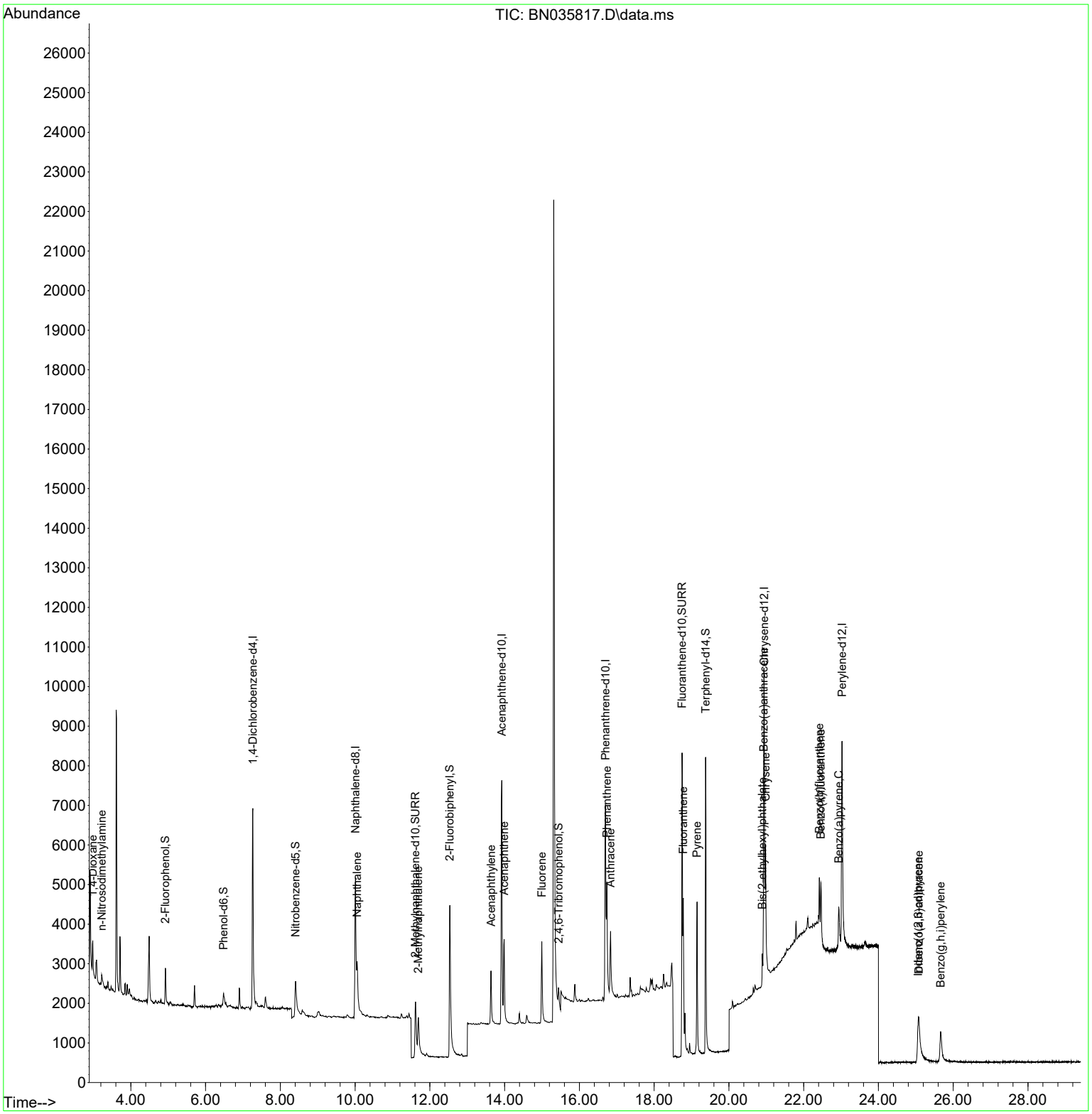
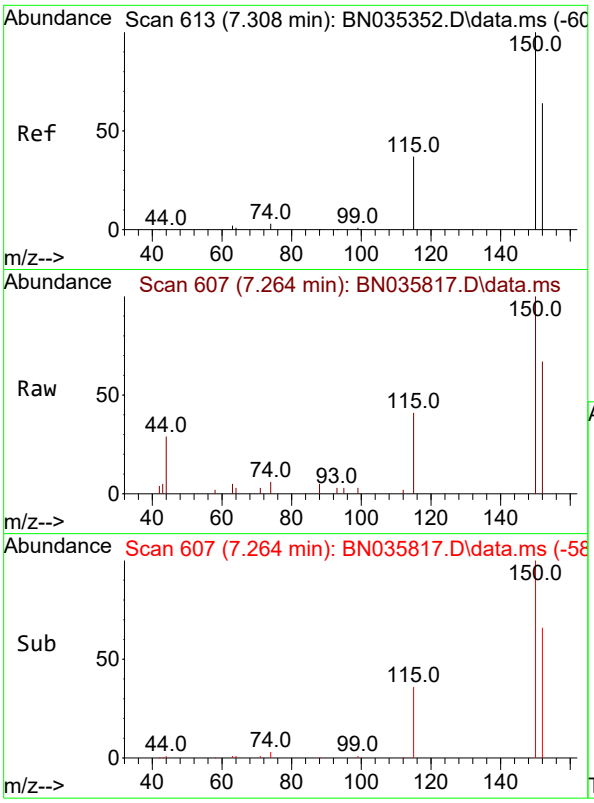
Quant Time: Dec 24 23:17:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 19 23:06:19 2024
Response via : Initial Calibration



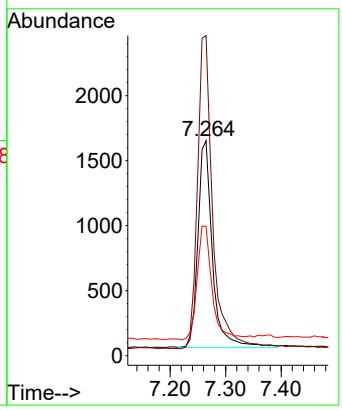


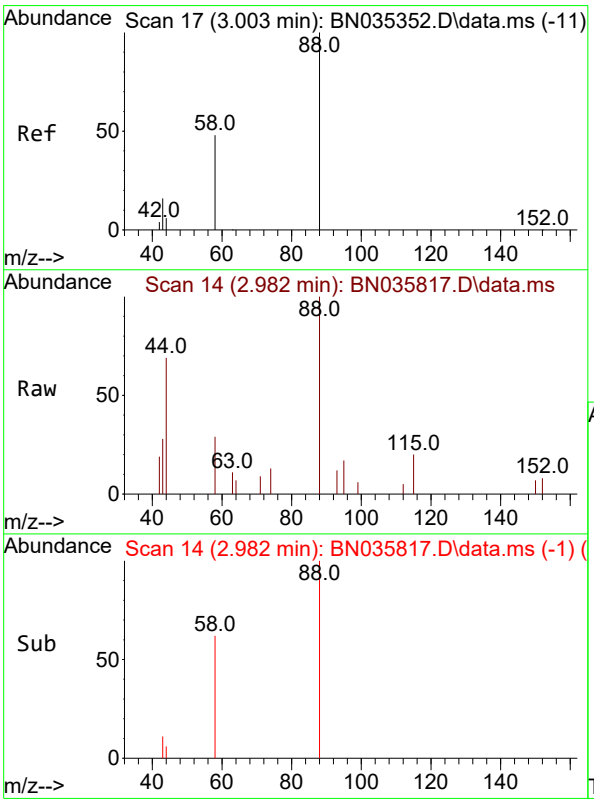
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.264 min Scan# 6(
Delta R.T. -0.008 min
Lab File: BN035817.D
Acq: 24 Dec 2024 12:33

Instrument :
BNA_N
ClientSampleId :
TT149S1-20241218

Tgt Ion:152 Resp: 2882

Ion	Ratio	Lower	Upper
152	100		
150	148.9	124.0	186.0
115	60.3	49.6	74.4

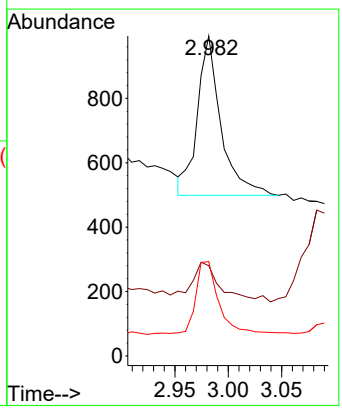


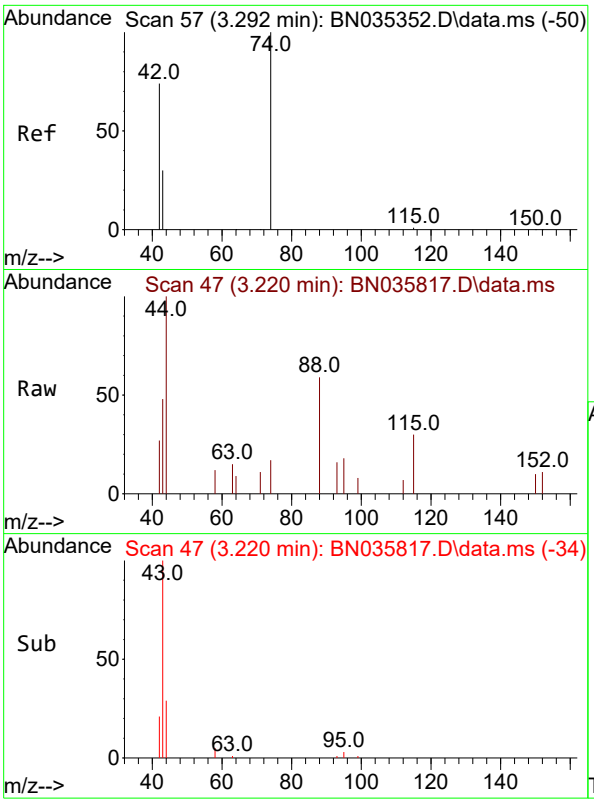


#2
1,4-Dioxane
Concen: 0.275 ng
RT: 2.982 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN035817.D
Acq: 24 Dec 2024 12:33

Tgt Ion: 88 Resp: 759

Ion	Ratio	Lower	Upper
88	100		
43	31.1	17.2	25.8#
58	45.8	44.5	66.7



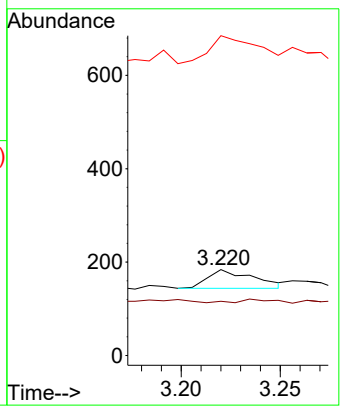


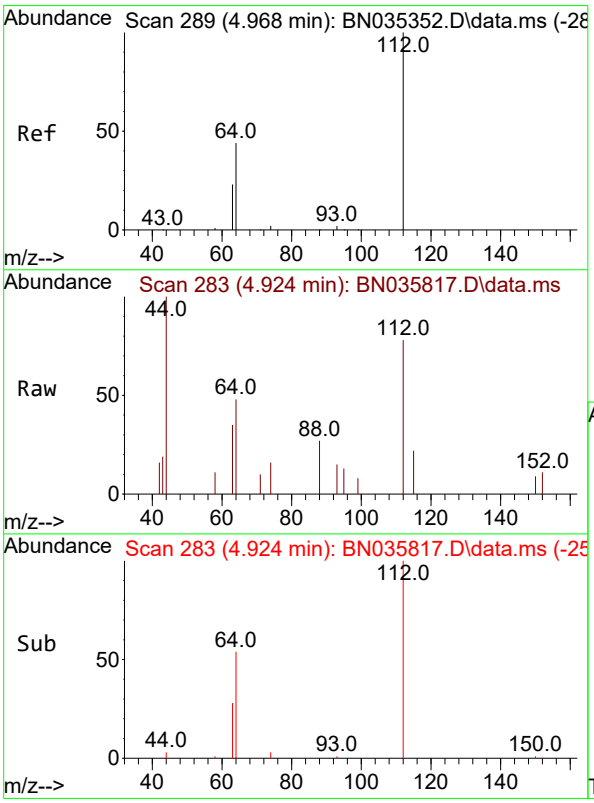
#3
n-Nitrosodimethylamine
Concen: 0.028 ng
RT: 3.220 min Scan# 4
Delta R.T. -0.058 min
Lab File: BN035817.D
Acq: 24 Dec 2024 12:33

Instrument :
BNA_N
ClientSampleId :
TT149S1-20241218

Tgt Ion: 42 Resp: 64

Ion	Ratio	Lower	Upper
42	100		
74	17.2	124.9	187.3#
44	159.4	2.2	3.4#

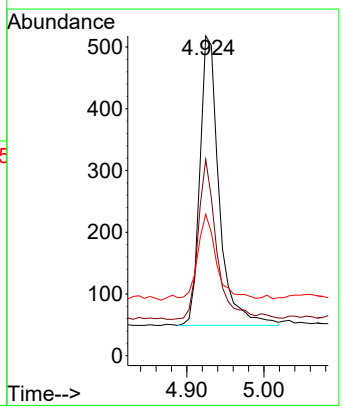


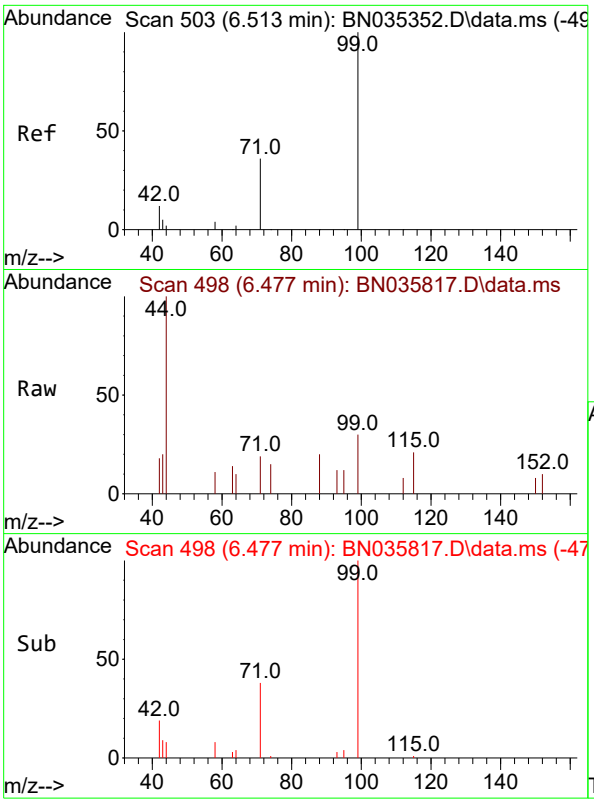


#4
2-Fluorophenol
Concen: 0.113 ng
RT: 4.924 min Scan# 283
Delta R.T. -0.014 min
Lab File: BN035817.D
Acq: 24 Dec 2024 12:33

Tgt Ion:112 Resp: 816

Ion	Ratio	Lower	Upper
112	100		
64	52.1	39.8	59.8
63	30.0	21.0	31.6



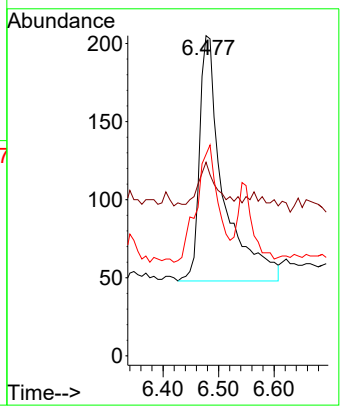


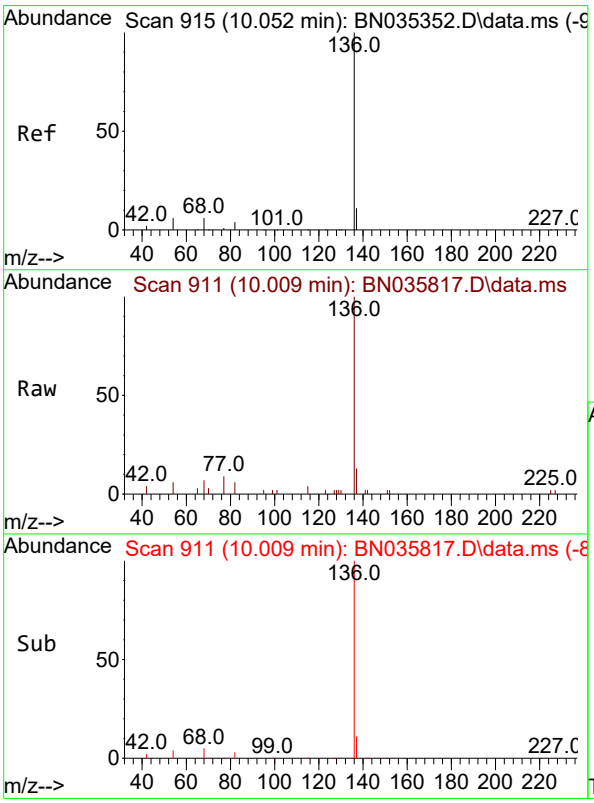
#5
Phenol-d6
Concen: 0.054 ng
RT: 6.477 min Scan# 4
Delta R.T. -0.014 min
Lab File: BN035817.D
Acq: 24 Dec 2024 12:33

Instrument :
BNA_N
ClientSampleId :
TT149S1-20241218

Tgt Ion: 99 Resp: 466

Ion	Ratio	Lower	Upper
99	100		
42	12.9	11.4	17.2
71	43.6	29.3	43.9

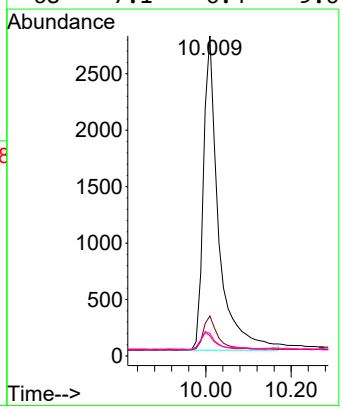


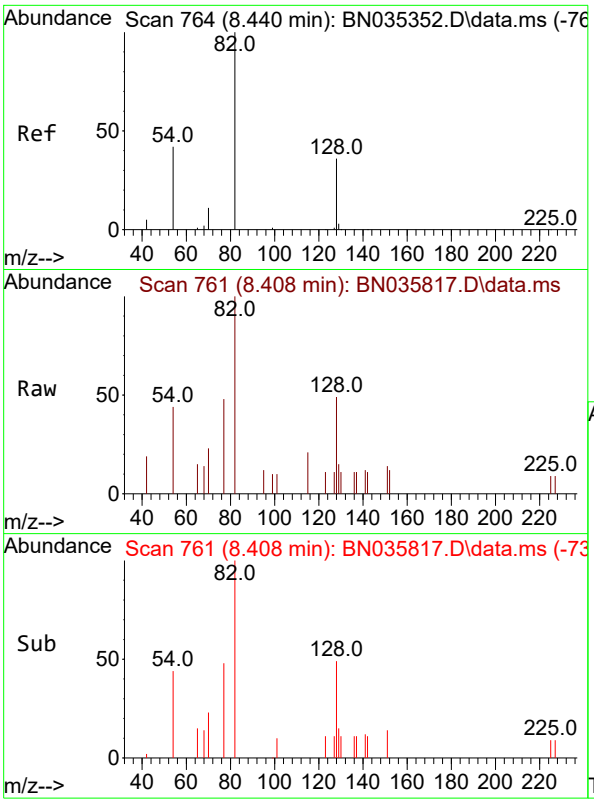


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.009 min Scan# 911
Delta R.T. -0.011 min
Lab File: BN035817.D
Acq: 24 Dec 2024 12:33

Tgt Ion:136 Resp: 6877

Ion	Ratio	Lower	Upper
136	100		
137	12.5	10.2	15.2
54	6.3	6.1	9.1
68	7.1	6.4	9.6



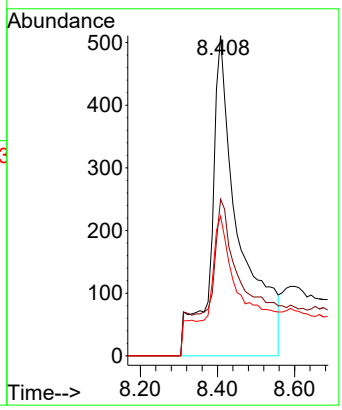


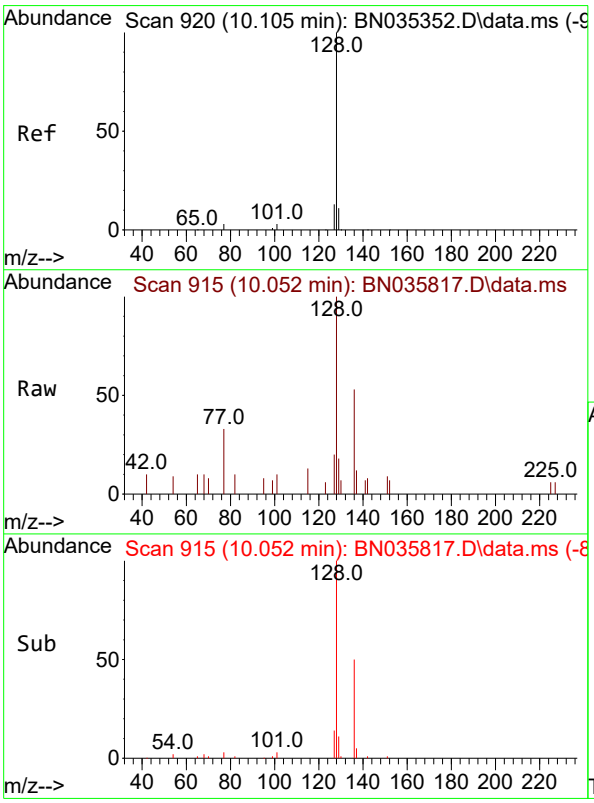
#8
Nitrobenzene-d5
Concen: 0.602 ng
RT: 8.408 min Scan# 7
Delta R.T. -0.000 min
Lab File: BN035817.D
Acq: 24 Dec 2024 12:33

Instrument :
BNA_N
ClientSampleId :
TT149S1-20241218

Tgt Ion: 82 Resp: 2530

Ion	Ratio	Lower	Upper
82	100		
128	48.9	33.4	50.0
54	43.6	36.7	55.1

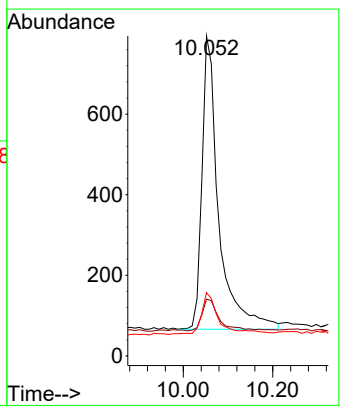


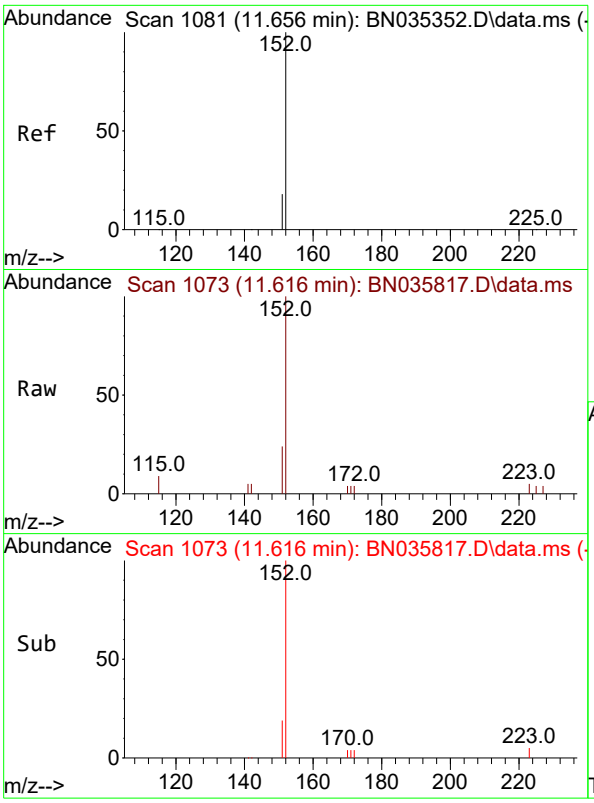


#9
Naphthalene
Concen: 0.104 ng
RT: 10.052 min Scan# 915
Delta R.T. -0.011 min
Lab File: BN035817.D
Acq: 24 Dec 2024 12:33

Tgt Ion:128 Resp: 1895

Ion	Ratio	Lower	Upper
128	100		
129	17.8	9.8	14.6#
127	19.8	11.4	17.2#



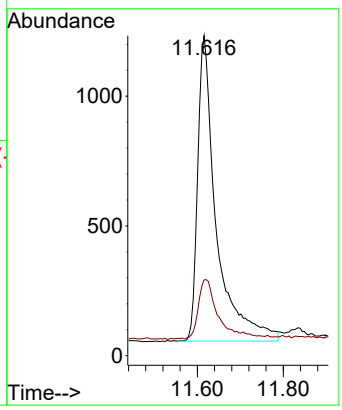


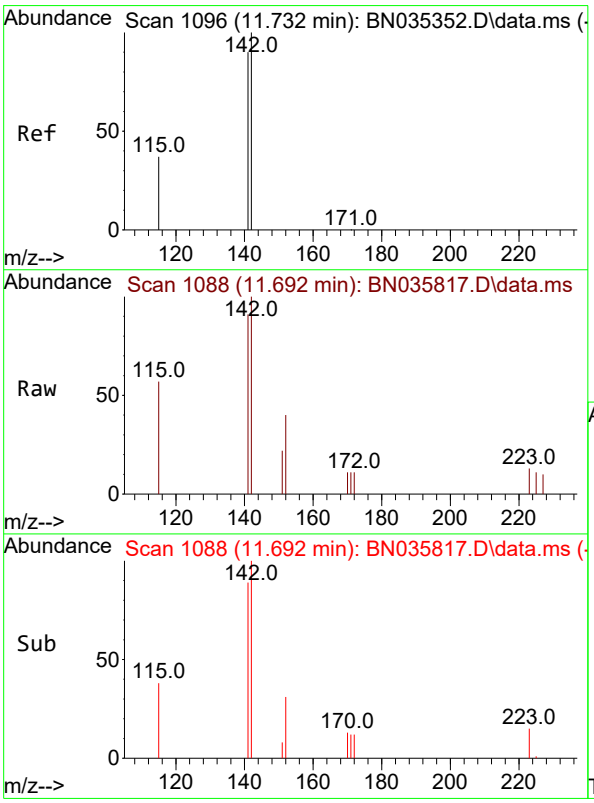
#11
2-Methylnaphthalene-d10
Concen: 0.329 ng
RT: 11.616 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN035817.D
Acq: 24 Dec 2024 12:33

Instrument :
BNA_N
ClientSampleId :
TT149S1-20241218

Tgt Ion:152 Resp: 3542

Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.6	25.0

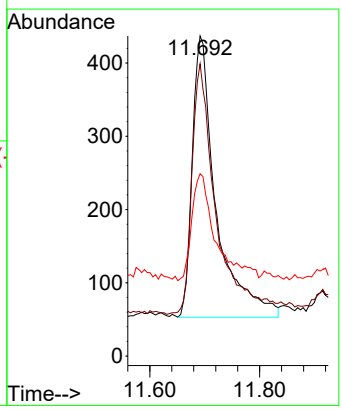


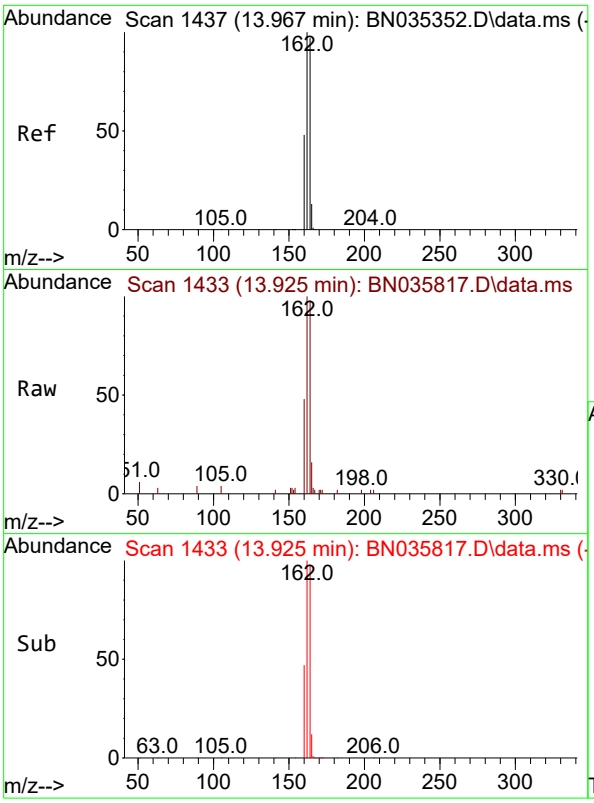


#12
2-Methylnaphthalene
Concen: 0.089 ng
RT: 11.692 min Scan# 1088
Delta R.T. -0.005 min
Lab File: BN035817.D
Acq: 24 Dec 2024 12:33

Tgt Ion:142 Resp: 1157

Ion	Ratio	Lower	Upper
142	100		
141	91.3	72.2	108.4
115	57.0	31.4	47.0#



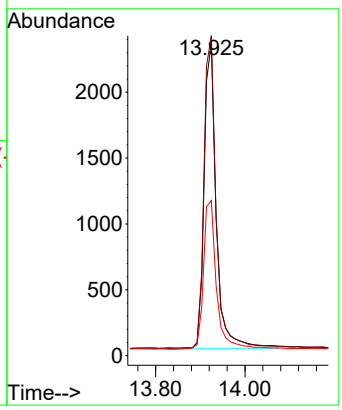


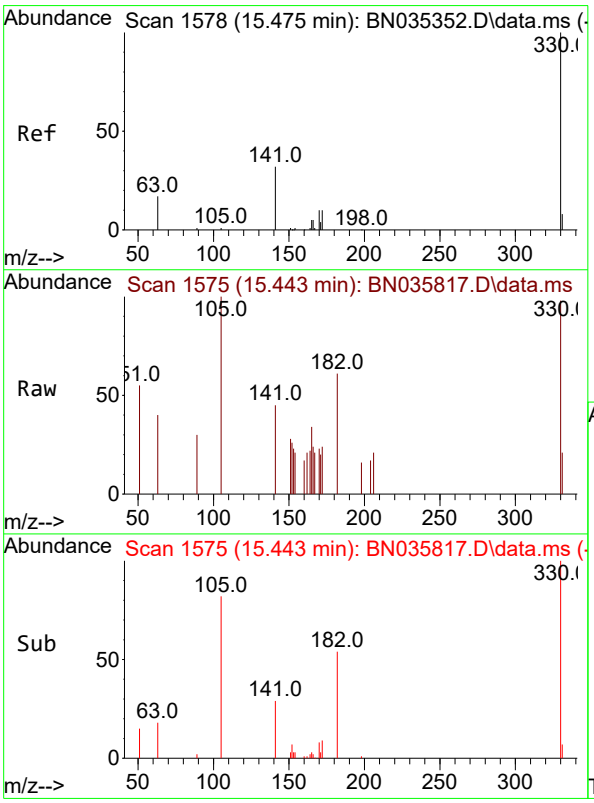
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.925 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN035817.D
Acq: 24 Dec 2024 12:33

Instrument :
BNA_N
ClientSampleId :
TT149S1-20241218

Tgt Ion:164 Resp: 4352

Ion	Ratio	Lower	Upper
164	100		
162	102.2	82.2	123.2
160	49.6	40.1	60.1

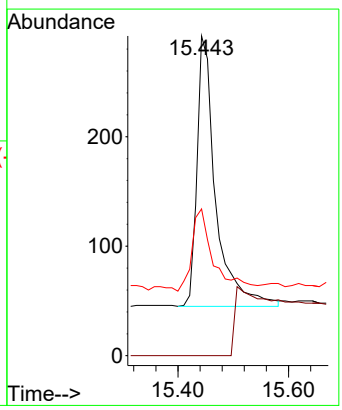


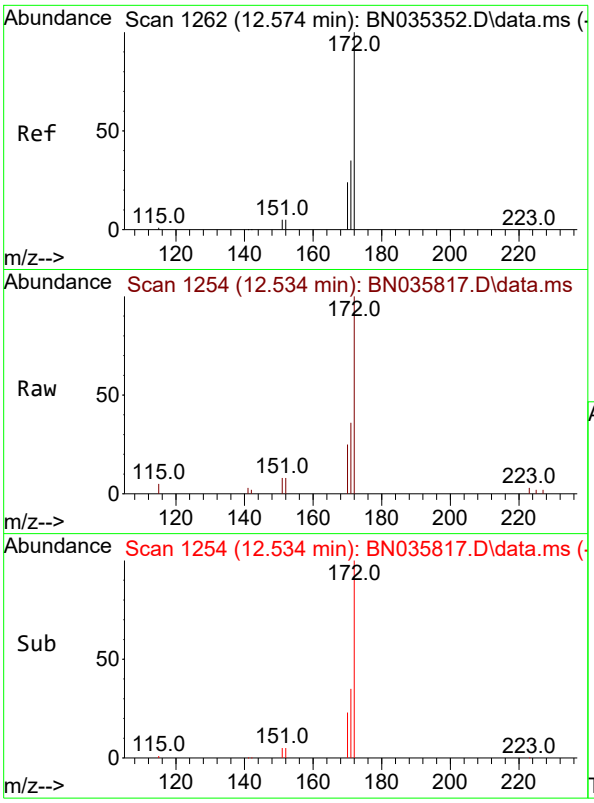


#14
2,4,6-Tribromophenol
Concen: 0.197 ng
RT: 15.443 min Scan# 1575
Delta R.T. -0.011 min
Lab File: BN035817.D
Acq: 24 Dec 2024 12:33

Tgt Ion:330 Resp: 609

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	34.3	26.6	40.0



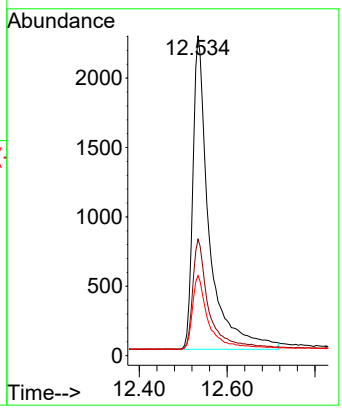


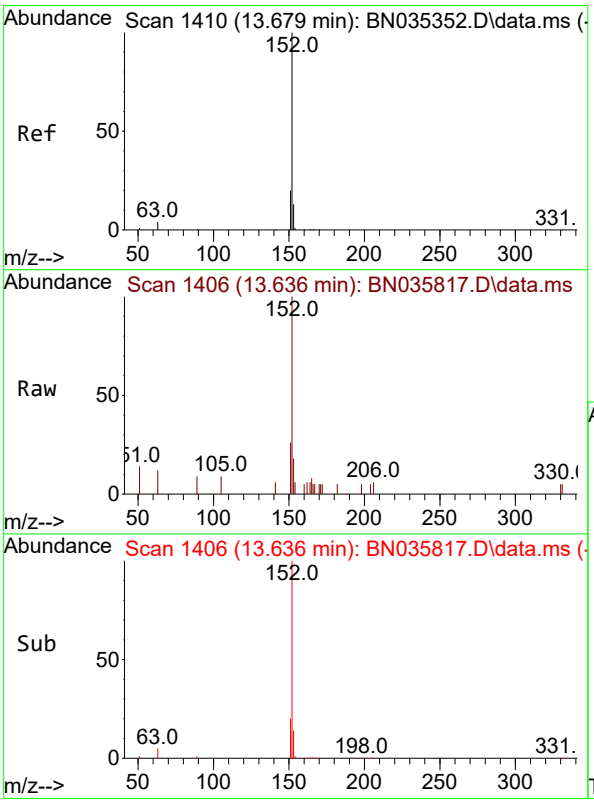
#15
2-Fluorobiphenyl
Concen: 0.356 ng
RT: 12.534 min Scan# 1
Delta R.T. -0.010 min
Lab File: BN035817.D
Acq: 24 Dec 2024 12:33

Instrument :
BNA_N
ClientSampleId :
TT149S1-20241218

Tgt Ion:172 Resp: 5853

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.0	43.4
170	25.0	19.8	29.8

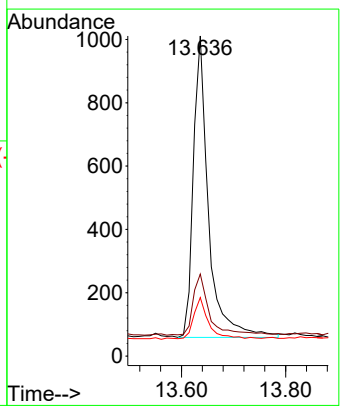


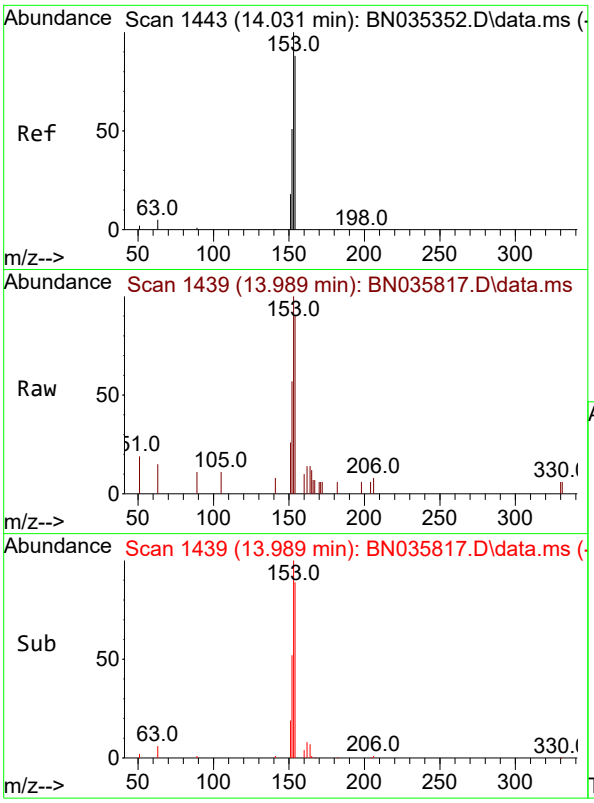


#16
Acenaphthylene
Concen: 0.105 ng
RT: 13.636 min Scan# 1406
Delta R.T. -0.011 min
Lab File: BN035817.D
Acq: 24 Dec 2024 12:33

Tgt Ion:152 Resp: 1924

Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.2	24.2
153	14.4	10.4	15.6



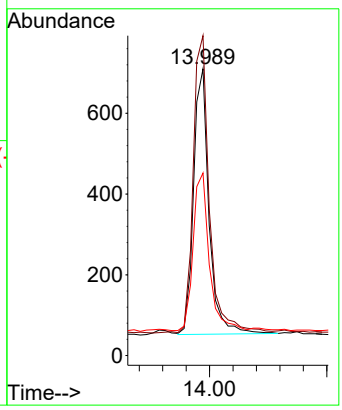


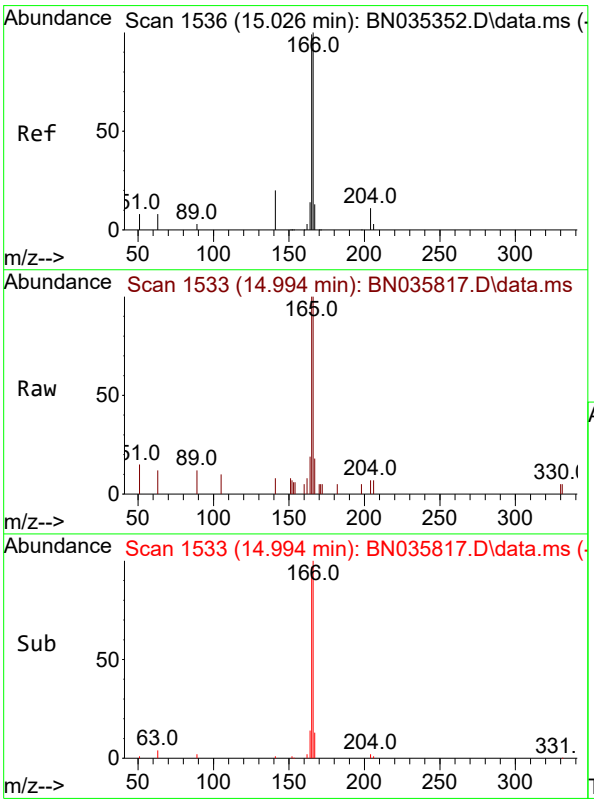
#17
Acenaphthene
Concen: 0.099 ng
RT: 13.989 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN035817.D
Acq: 24 Dec 2024 12:33

Instrument :
BNA_N
ClientSampleId :
TT149S1-20241218

Tgt Ion:154 Resp: 1204

Ion	Ratio	Lower	Upper
154	100		
153	117.5	92.6	139.0
152	62.0	49.0	73.6

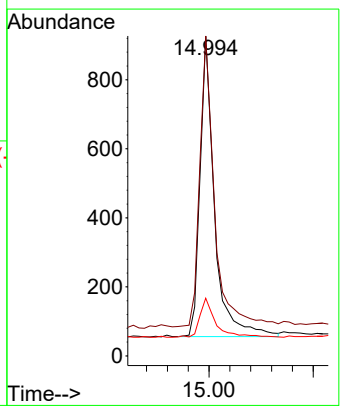


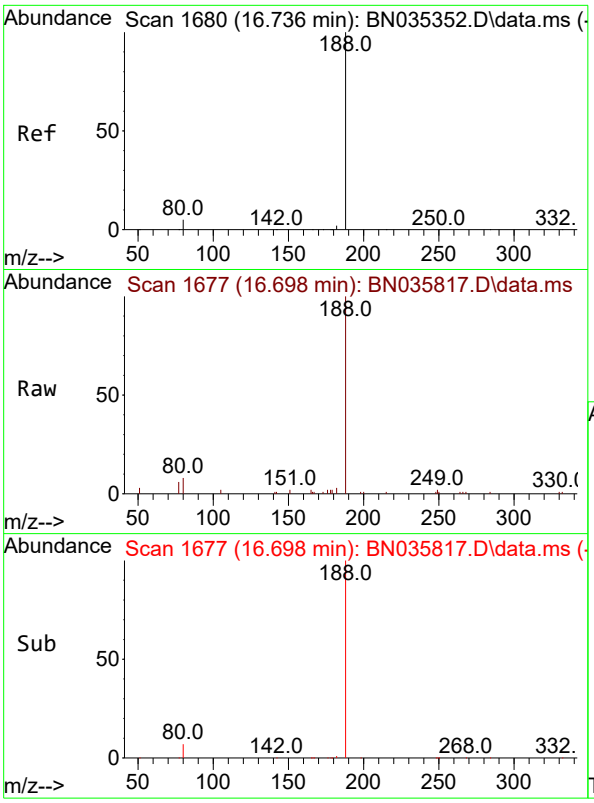


#18
Fluorene
Concen: 0.097 ng
RT: 14.994 min Scan# 1533
Delta R.T. -0.011 min
Lab File: BN035817.D
Acq: 24 Dec 2024 12:33

Tgt Ion:166 Resp: 1680

Ion	Ratio	Lower	Upper
166	100		
165	99.0	79.7	119.5
167	14.3	10.8	16.2



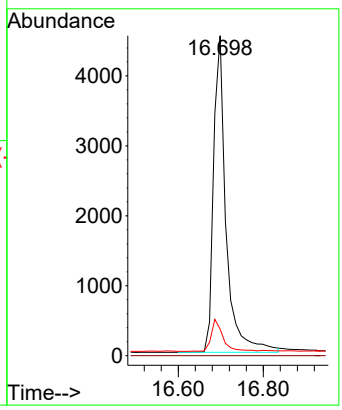


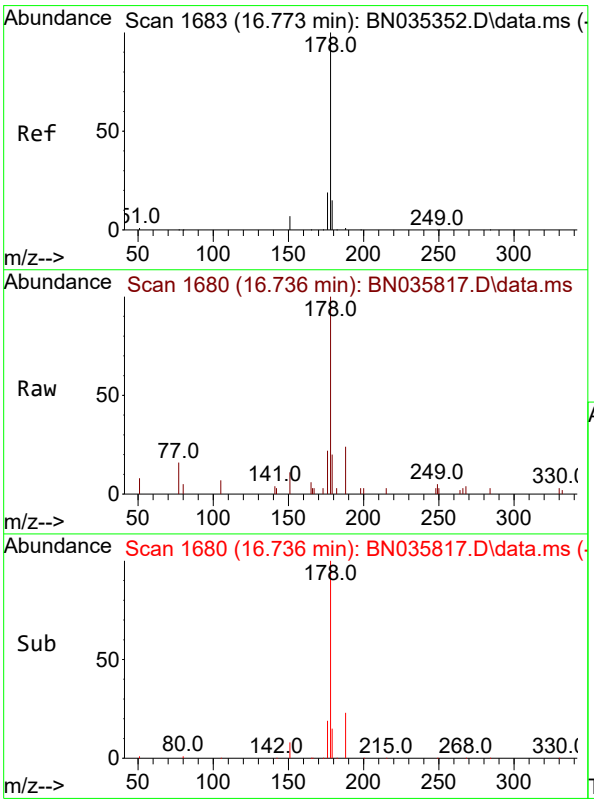
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.698 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN035817.D
Acq: 24 Dec 2024 12:33

Instrument :
BNA_N
ClientSampleId :
TT149S1-20241218

Tgt Ion:188 Resp: 9250

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.3	4.6	6.8#

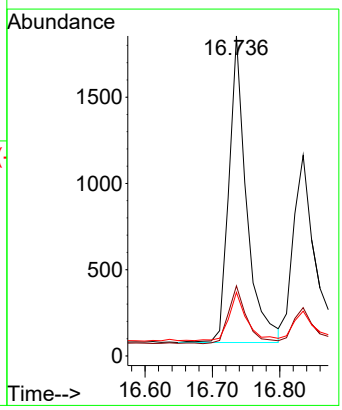


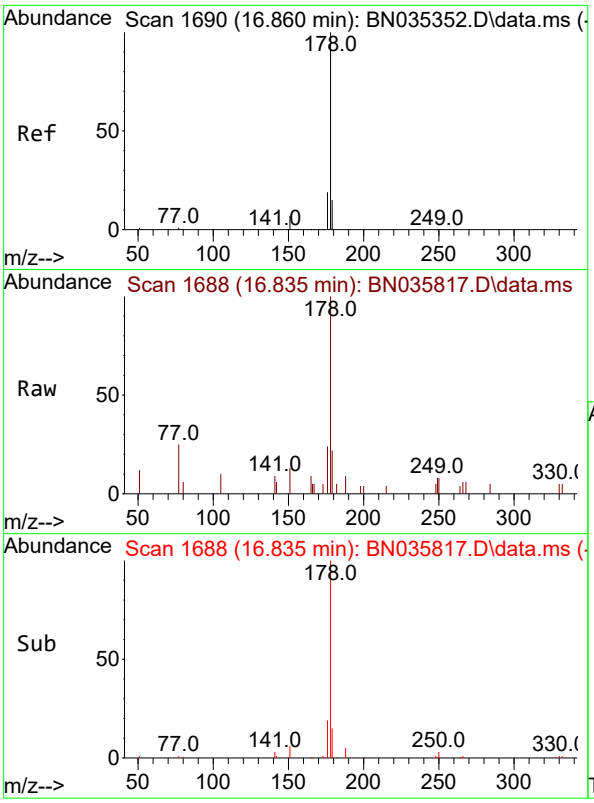


#25
Phenanthrene
Concen: 0.127 ng
RT: 16.736 min Scan# 1680
Delta R.T. -0.012 min
Lab File: BN035817.D
Acq: 24 Dec 2024 12:33

Tgt Ion:178 Resp: 3237

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	15.6	12.3	18.5



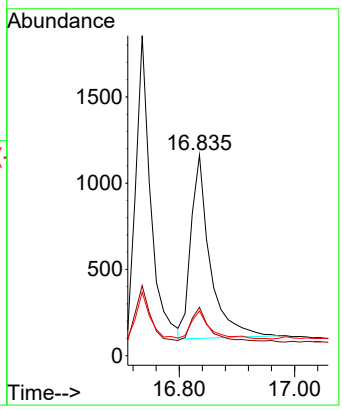


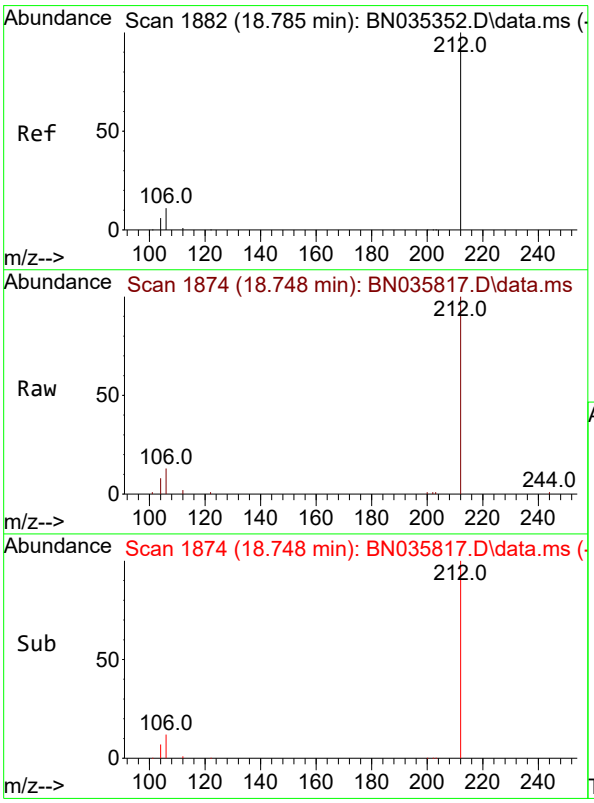
#26
Anthracene
Concen: 0.106 ng
RT: 16.835 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN035817.D
Acq: 24 Dec 2024 12:33

Instrument :
BNA_N
ClientSampleId :
TT149S1-20241218

Tgt Ion:178 Resp: 2442

Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.0	22.6
179	16.1	12.6	18.8

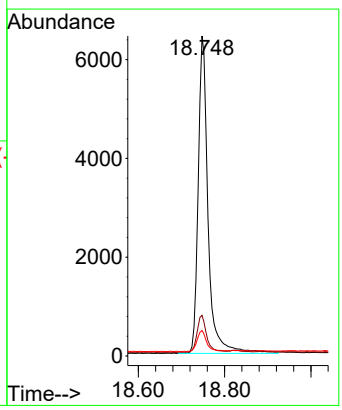


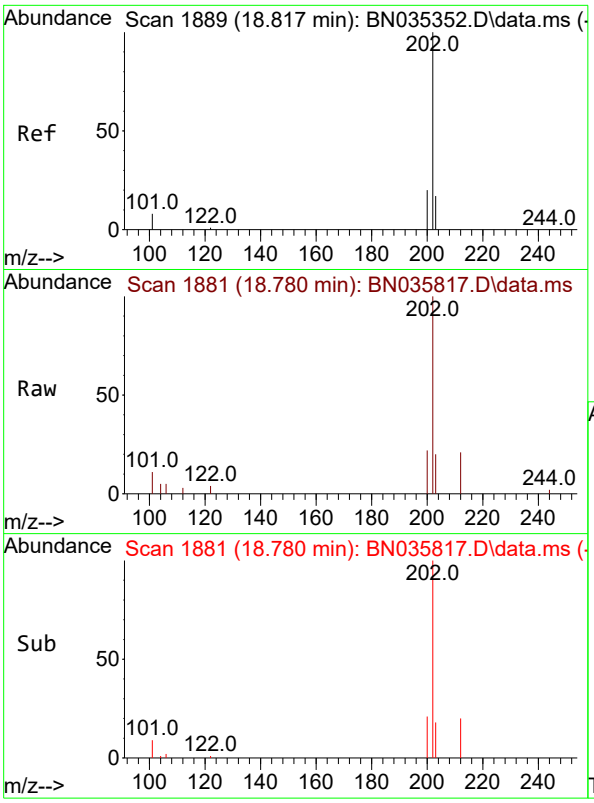


#27
Fluoranthene-d10
Concen: 0.390 ng
RT: 18.748 min Scan# 1874
Delta R.T. -0.014 min
Lab File: BN035817.D
Acq: 24 Dec 2024 12:33

Tgt Ion:212 Resp: 10238

Ion	Ratio	Lower	Upper
212	100		
106	11.4	9.2	13.8
104	6.4	5.3	7.9



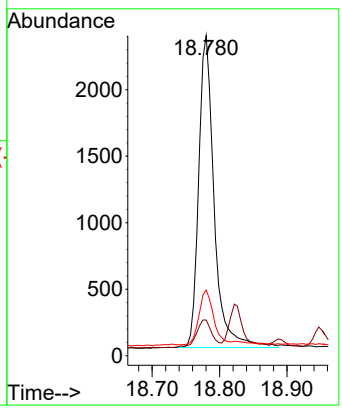


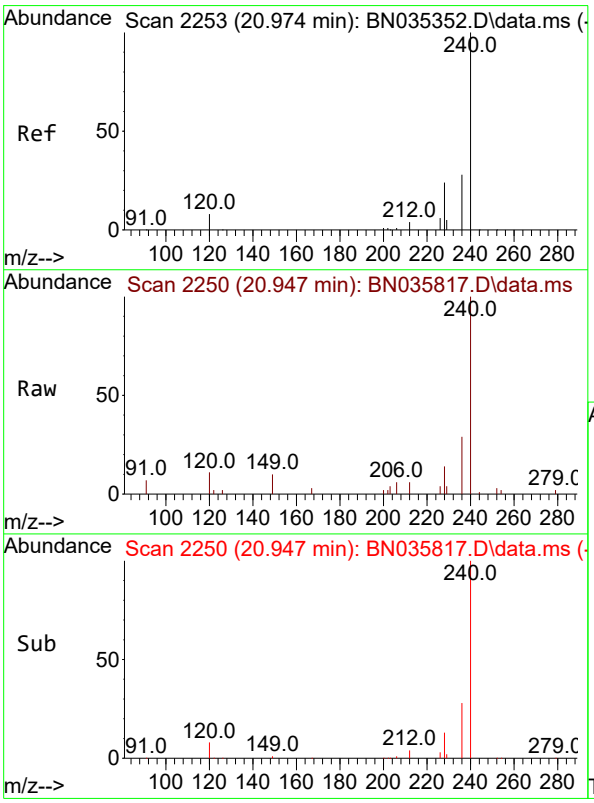
#28
Fluoranthene
Concen: 0.109 ng
RT: 18.780 min Scan# 1
Delta R.T. -0.009 min
Lab File: BN035817.D
Acq: 24 Dec 2024 12:33

Instrument :
BNA_N
ClientSampleId :
TT149S1-20241218

Tgt Ion:202 Resp: 3731

Ion	Ratio	Lower	Upper
202	100		
101	8.9	7.4	11.0
203	16.6	13.7	20.5

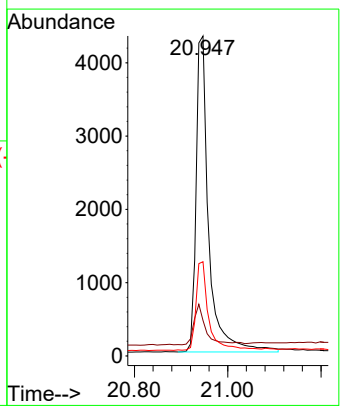


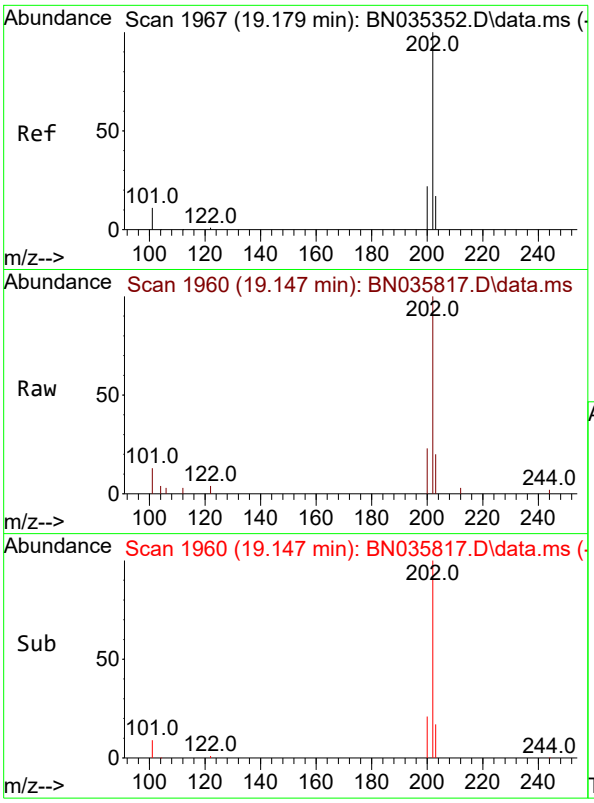


#29
Chrysene-d12
Concen: 0.400 ng
RT: 20.947 min Scan# 2250
Delta R.T. -0.009 min
Lab File: BN035817.D
Acq: 24 Dec 2024 12:33

Tgt Ion:240 Resp: 8129

Ion	Ratio	Lower	Upper
240	100		
120	11.1	7.9	11.9
236	29.4	22.9	34.3



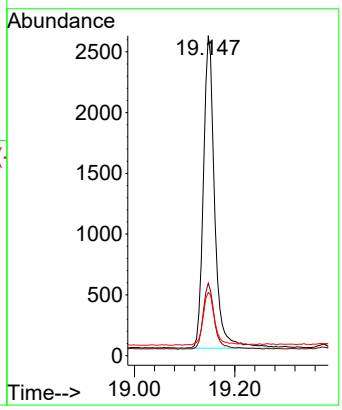


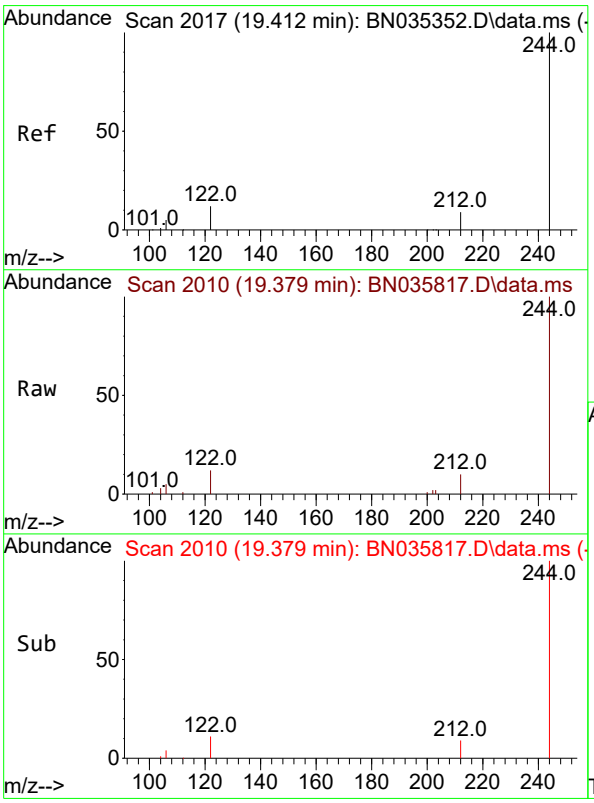
#30
Pyrene
Concen: 0.133 ng
RT: 19.147 min Scan# 1
Delta R.T. -0.014 min
Lab File: BN035817.D
Acq: 24 Dec 2024 12:33

Instrument :
BNA_N
ClientSampleId :
TT149S1-20241218

Tgt Ion:202 Resp: 4005

Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.0	25.4
203	17.4	14.3	21.5

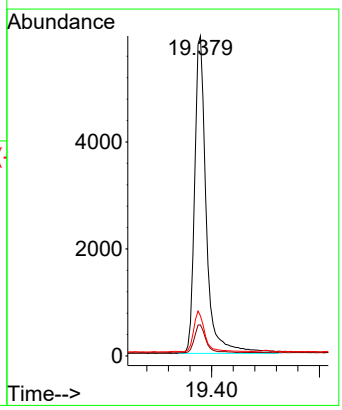


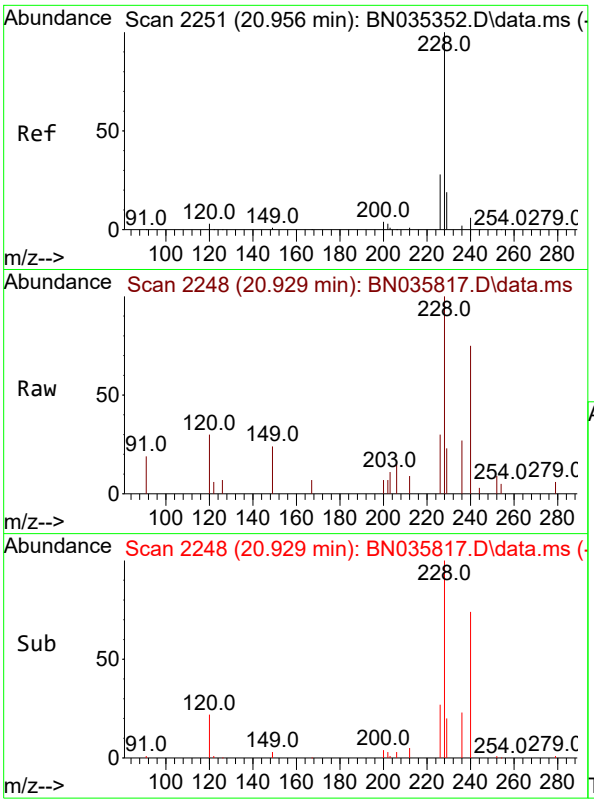


#31
Terphenyl-d14
Concen: 0.553 ng
RT: 19.379 min Scan# 2010
Delta R.T. -0.009 min
Lab File: BN035817.D
Acq: 24 Dec 2024 12:33

Tgt Ion:244 Resp: 8867

Ion	Ratio	Lower	Upper
244	100		
212	9.7	8.1	12.1
122	12.5	10.3	15.5



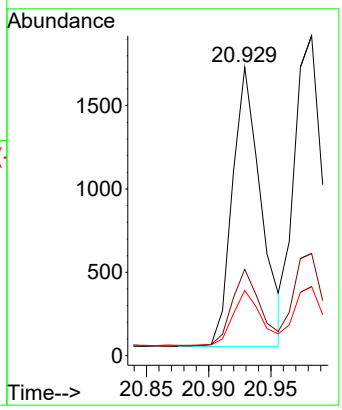


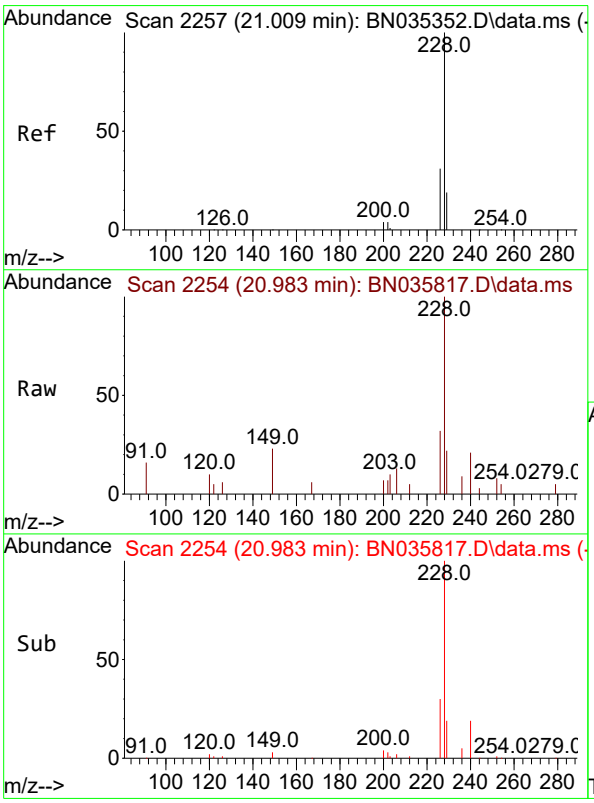
#32
Benzo(a)anthracene
Concen: 0.094 ng
RT: 20.929 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN035817.D
Acq: 24 Dec 2024 12:33

Instrument :
BNA_N
ClientSampleId :
TT149S1-20241218

Tgt Ion:228 Resp: 2676

Ion	Ratio	Lower	Upper
228	100		
226	29.9	22.5	33.7
229	22.6	15.8	23.8

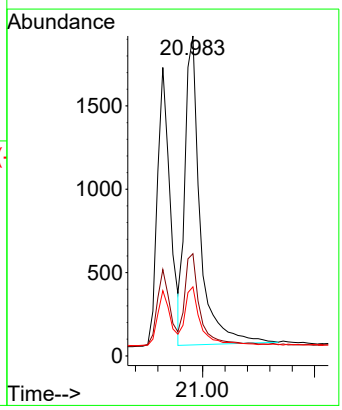


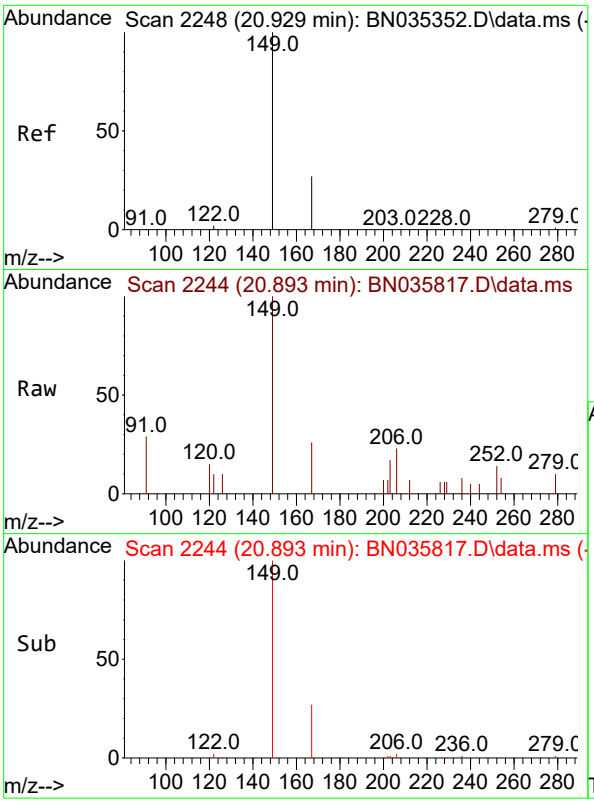


#33
Chrysene
Concen: 0.119 ng
RT: 20.983 min Scan# 2254
Delta R.T. -0.009 min
Lab File: BN035817.D
Acq: 24 Dec 2024 12:33

Tgt Ion:228 Resp: 3497

Ion	Ratio	Lower	Upper
228	100		
226	31.9	24.6	37.0
229	21.6	15.9	23.9



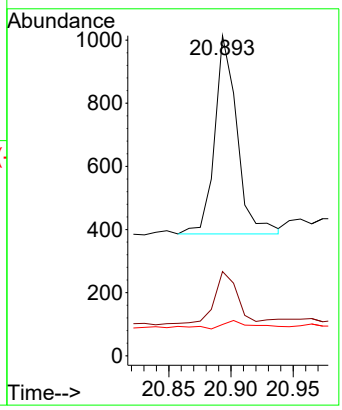


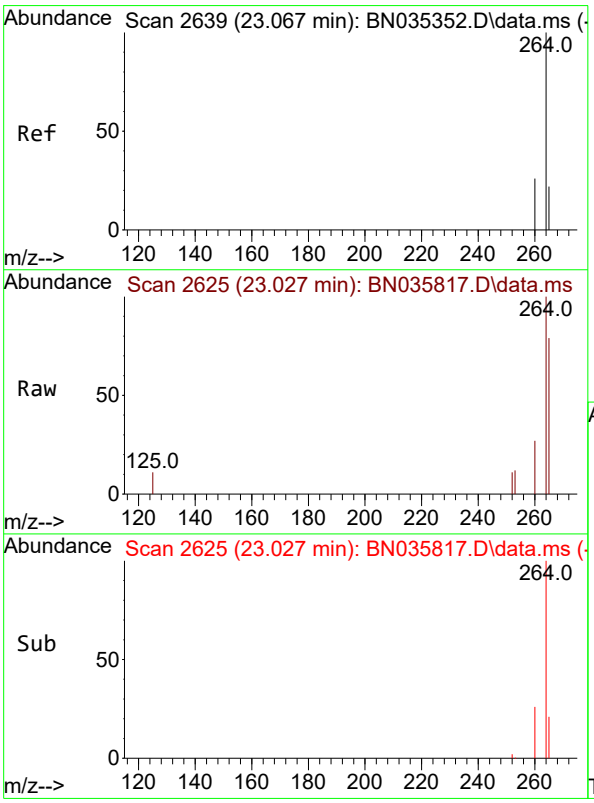
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.070 ng
RT: 20.893 min Scan# 2
Delta R.T. -0.018 min
Lab File: BN035817.D
Acq: 24 Dec 2024 12:33

Instrument :
BNA_N
ClientSampleId :
TT149S1-20241218

Tgt Ion:149 Resp: 786

Ion	Ratio	Lower	Upper
149	100		
167	27.0	22.2	33.4
279	6.1	2.7	4.1#

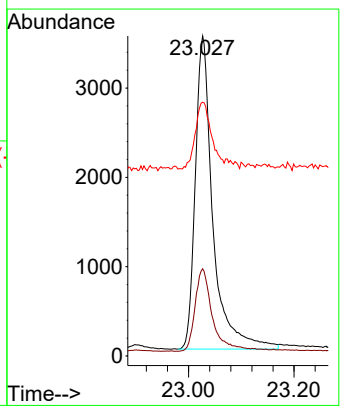


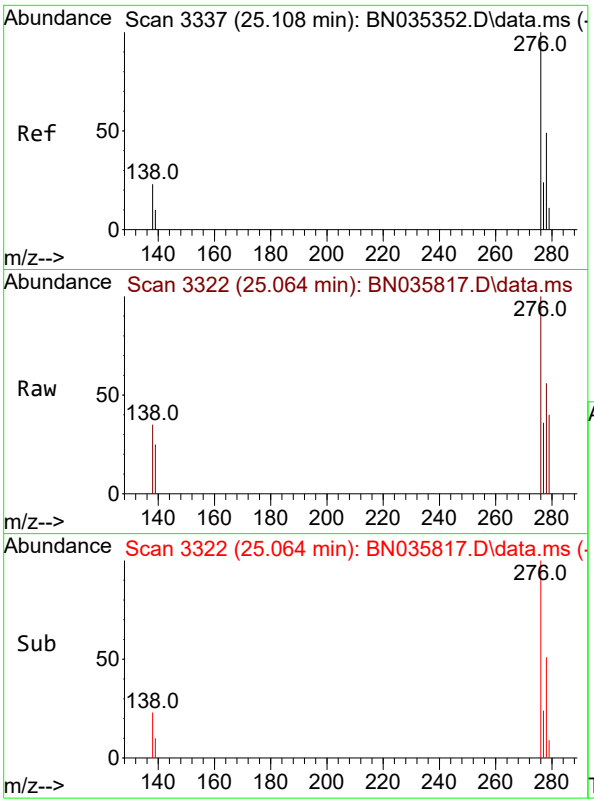


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.027 min Scan# 2625
Delta R.T. -0.015 min
Lab File: BN035817.D
Acq: 24 Dec 2024 12:33

Tgt Ion:264 Resp: 8126

Ion	Ratio	Lower	Upper
264	100		
260	27.2	21.4	32.2
265	79.3	40.2	60.4#



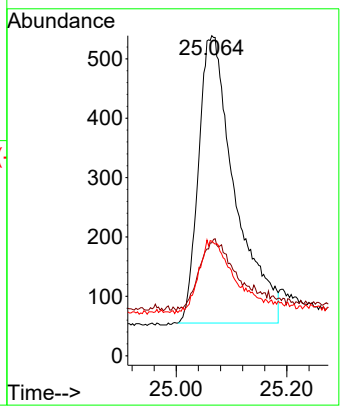


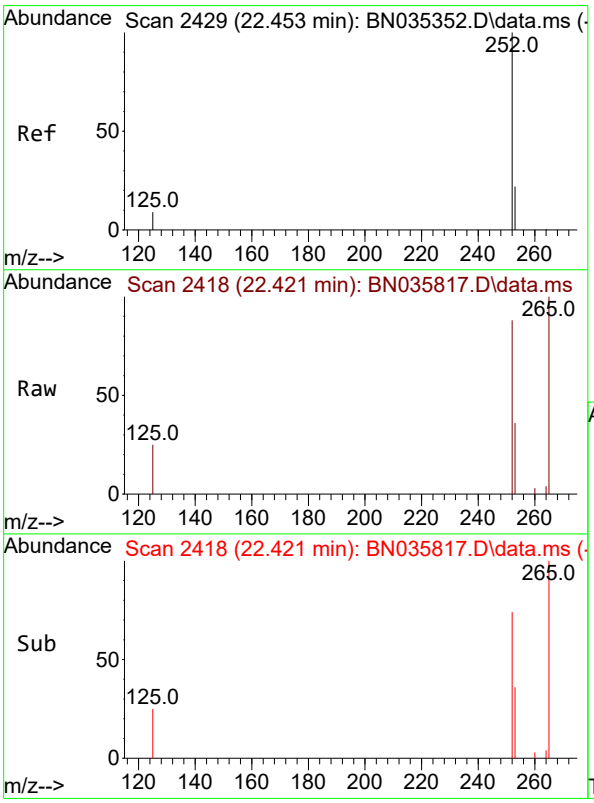
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.070 ng
RT: 25.064 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN035817.D
Acq: 24 Dec 2024 12:33

Instrument :
BNA_N
ClientSampleId :
TT149S1-20241218

Tgt Ion:276 Resp: 2211

Ion	Ratio	Lower	Upper
276	100		
138	23.7	19.4	29.0
277	25.1	19.8	29.6

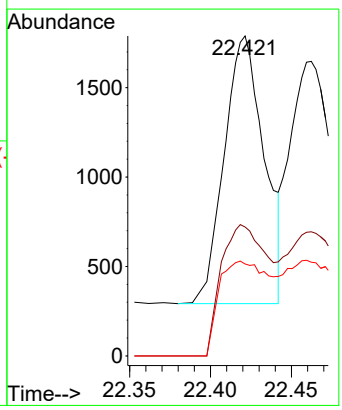


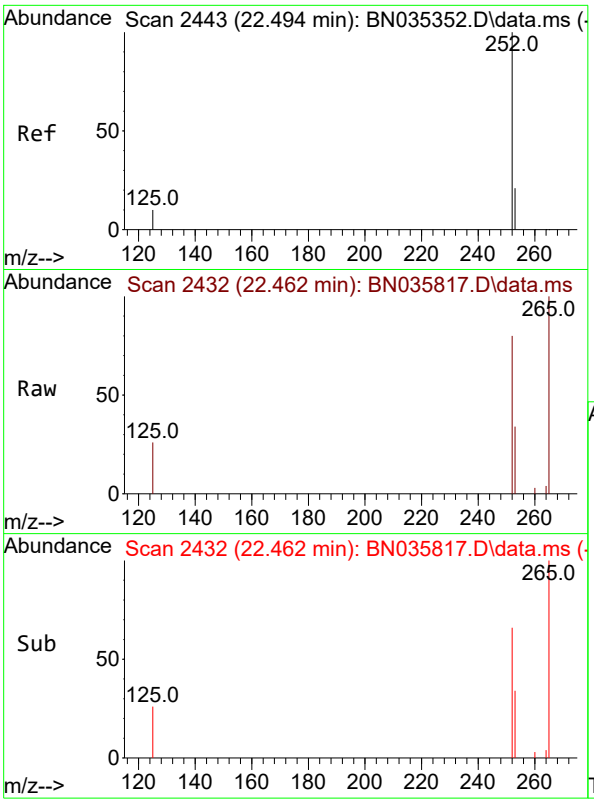


#37
Benzo(b)fluoranthene
Concen: 0.113 ng
RT: 22.421 min Scan# 2418
Delta R.T. -0.009 min
Lab File: BN035817.D
Acq: 24 Dec 2024 12:33

Tgt Ion:252 Resp: 3364

Ion	Ratio	Lower	Upper
252	100		
253	40.3	19.6	29.4#
125	28.7	9.6	14.4#



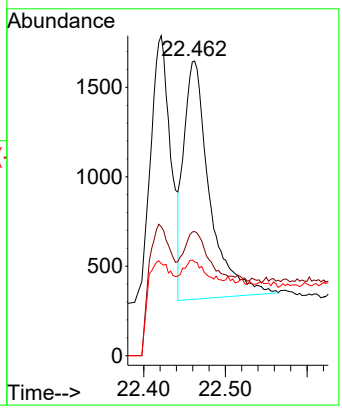


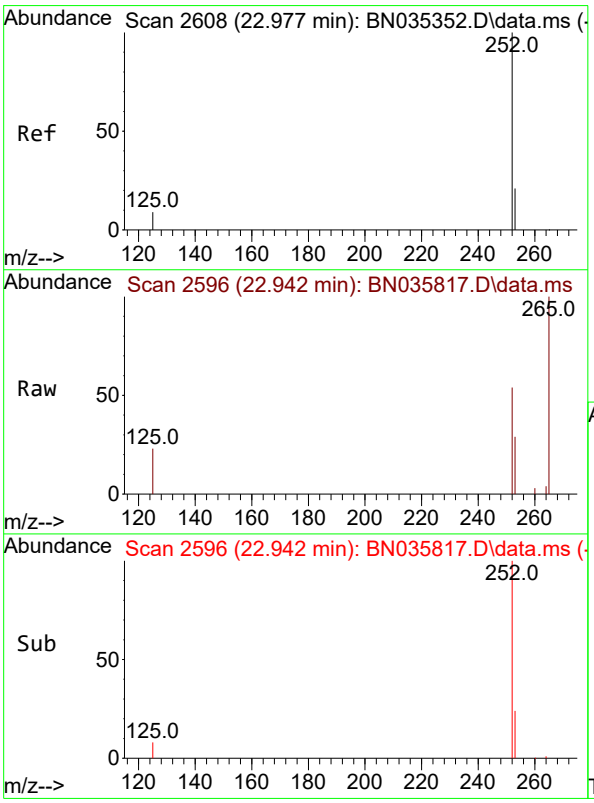
#38
Benzo(k)fluoranthene
Concen: 0.100 ng
RT: 22.462 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN035817.D
Acq: 24 Dec 2024 12:33

Instrument :
BNA_N
ClientSampleId :
TT149S1-20241218

Tgt Ion:252 Resp: 2940

Ion	Ratio	Lower	Upper
252	100		
253	42.1	19.5	29.3#
125	31.8	10.2	15.4#

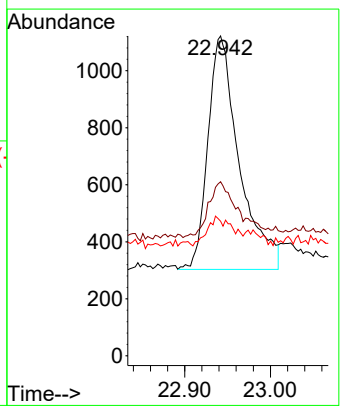


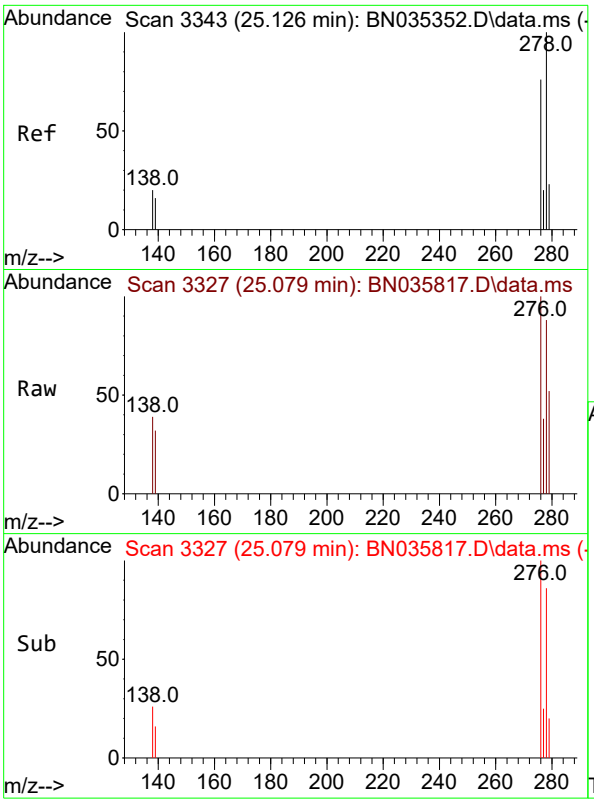


#39
Benzo(a)pyrene
Concen: 0.085 ng
RT: 22.942 min Scan# 2596
Delta R.T. -0.009 min
Lab File: BN035817.D
Acq: 24 Dec 2024 12:33

Tgt Ion:252 Resp: 2085

Ion	Ratio	Lower	Upper
252	100		
253	54.5	20.2	30.4#
125	42.1	10.9	16.3#



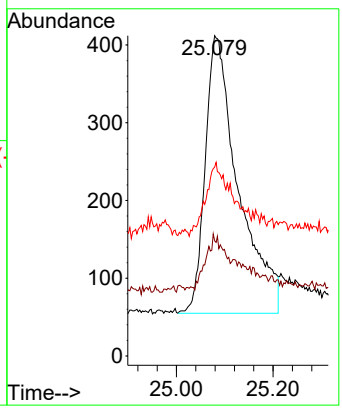


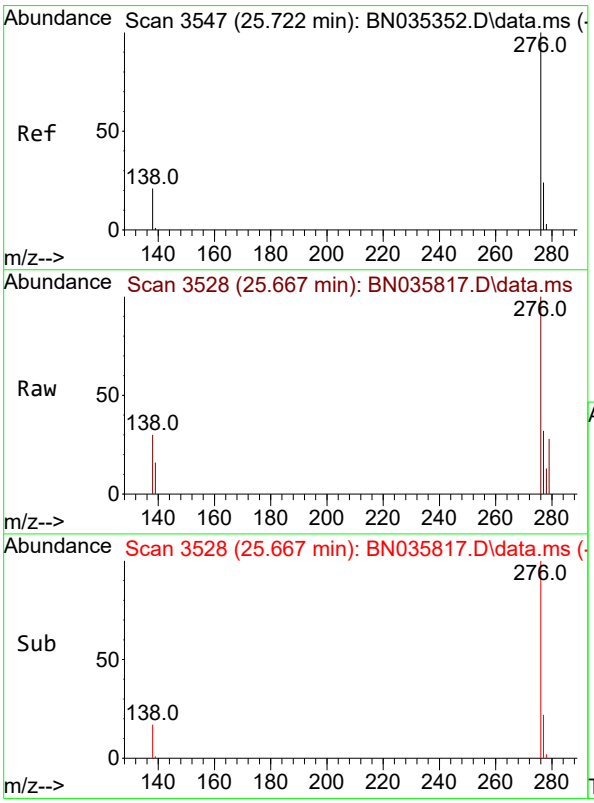
#40
Dibenzo(a,h)anthracene
Concen: 0.068 ng
RT: 25.079 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN035817.D
Acq: 24 Dec 2024 12:33

Instrument :
BNA_N
ClientSampleId :
TT149S1-20241218

Tgt Ion:278 Resp: 1701

Ion	Ratio	Lower	Upper
278	100		
139	35.9	14.2	21.4#
279	59.0	20.5	30.7#





#41
Benzo(g,h,i)perylene
Concen: 0.075 ng
RT: 25.667 min Scan# 3528
Delta R.T. -0.012 min
Lab File: BN035817.D
Acq: 24 Dec 2024 12:33

Tgt Ion:276 Resp: 1967

Ion	Ratio	Lower	Upper
276	100		
277	32.1	19.9	29.9#
138	30.4	17.8	26.8#