Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122324\
Data File : BN035815.D
Acq On : 24 Dec 2024 11:21
Operator : RC/JU
Sample : P5376-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
TT150S1-20241218

Quant Time: Dec 24 23:17:07 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	3146	0.400	ng	0.00
7) Naphthalene-d8	10.009	136	7086	0.400	ng	-0.01
13) Acenaphthene-d10	13.925	164	4334	0.400	ng	-0.01
19) Phenanthrene-d10	16.698	188	8132	0.400	ng	# 0.00
29) Chrysene-d12	20.947	240	6728	0.400	ng	# 0.00
35) Perylene-d12	23.029	264	6588	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	4.924	112	783	0.099	ng	-0.01
5) Phenol-d6	6.477	99	425	0.045	ng	-0.01
8) Nitrobenzene-d5	8.408	82	1907	0.441	ng	0.00
11) 2-Methylnaphthalene-d10	11.616	152	3733	0.337	ng	0.00
14) 2,4,6-Tribromophenol	15.453	330	558	0.181	ng	0.00
15) 2-Fluorobiphenyl	12.539	172	6086	0.371	ng	0.00
27) Fluoranthene-d10	18.747	212	9081	0.394	ng	-0.01
31) Terphenyl-d14	19.379	244	7115	0.536	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.982	88	735	0.244	ng	91
9) Naphthalene	10.052	128	3064	0.164	ng	# 93
12) 2-Methylnaphthalene	11.697	142	1938	0.145	ng	# 95
16) Acenaphthylene	13.636	152	3133	0.172	ng	98
17) Acenaphthene	13.989	154	1954	0.162	ng	96
18) Fluorene	14.994	166	2543	0.147	ng	99
24) Pentachlorophenol	16.388	266	52	0.021	ng	96
25) Phenanthrene	16.736	178	4749	0.213	ng	99
26) Anthracene	16.835	178	3615	0.179	ng	99
28) Fluoranthene	18.780	202	5217	0.173	ng	100
30) Pyrene	19.147	202	5398	0.217	ng	99
32) Benzo(a)anthracene	20.929	228	3164	0.134	ng	96
33) Chrysene	20.983	228	4527	0.187	ng	97
34) Bis(2-ethylhexyl)phtha...	20.893	149	357	0.038	ng	# 98
36) Indeno(1,2,3-cd)pyrene	25.058	276	2949	0.115	ng	96
37) Benzo(b)fluoranthene	22.421	252	4545	0.189	ng	# 72
38) Benzo(k)fluoranthene	22.465	252	3529	0.149	ng	# 71
39) Benzo(a)pyrene	22.945	252	2673	0.135	ng	# 51
40) Dibenzo(a,h)anthracene	25.082	278	2170	0.107	ng	# 55
41) Benzo(g,h,i)perylene	25.672	276	2390	0.113	ng	# 83

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

Quantitation Report (Not Reviewed)

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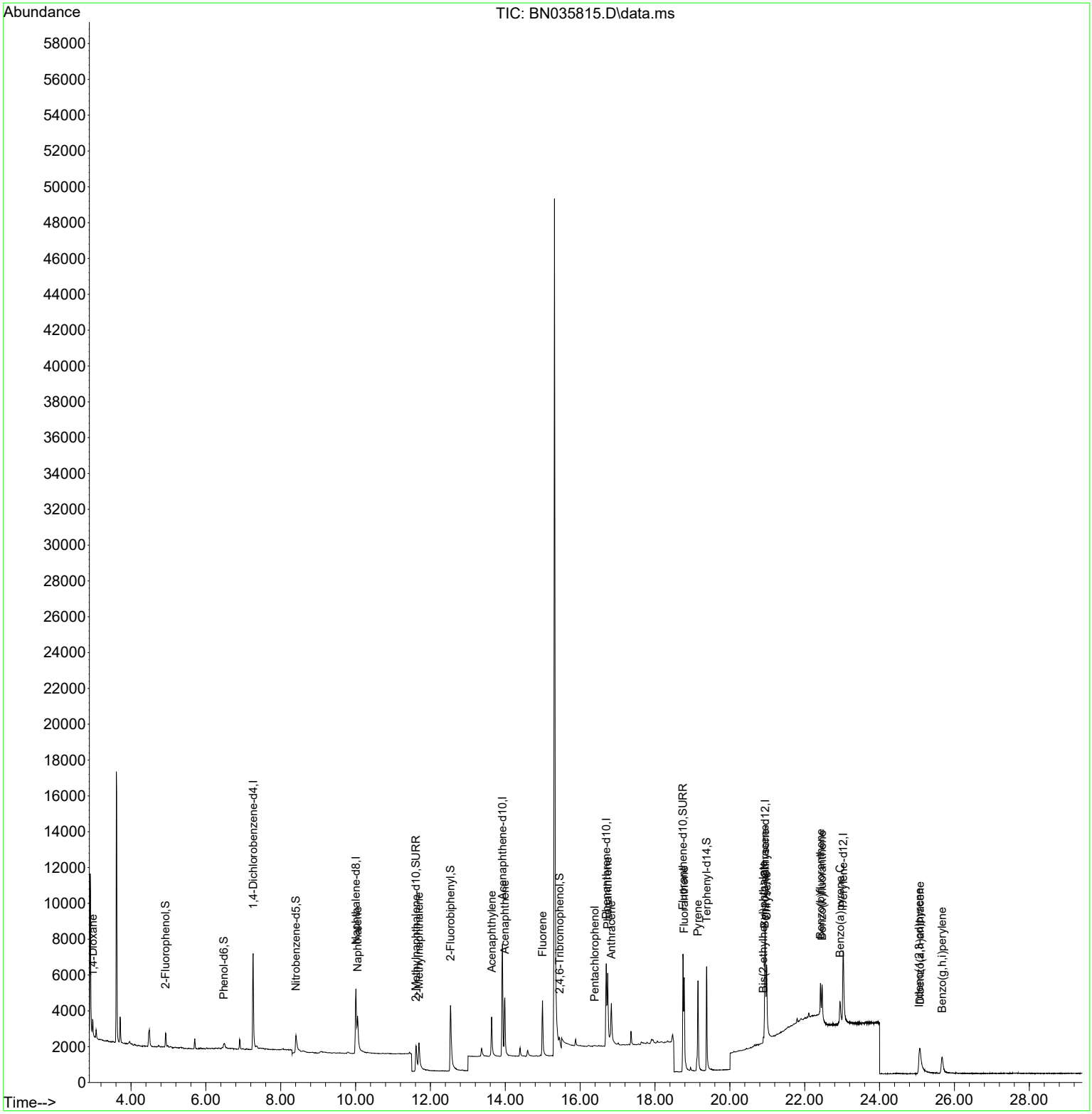
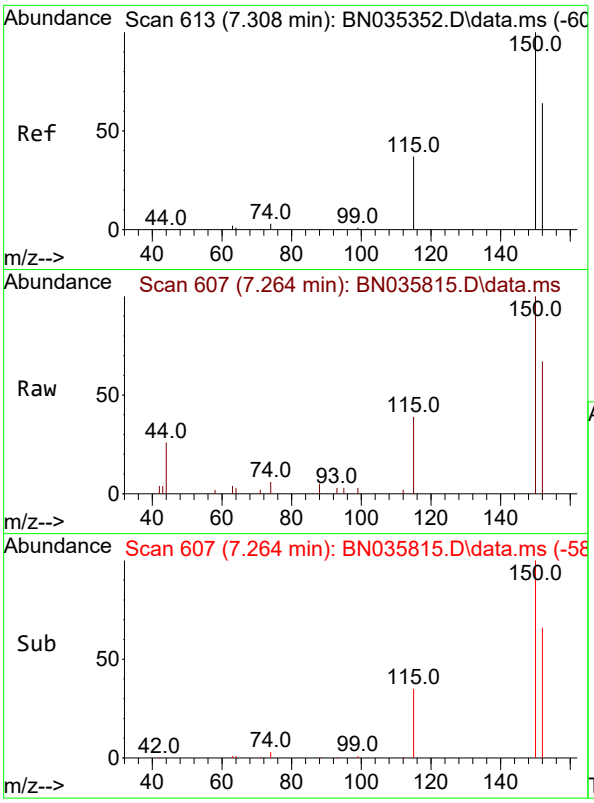
Quant Time: Dec 24 23:17:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 19 23:06:19 2024
Response via : Initial Calibration



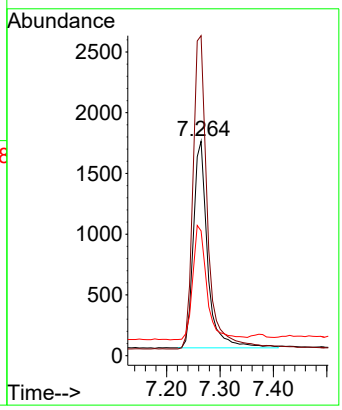


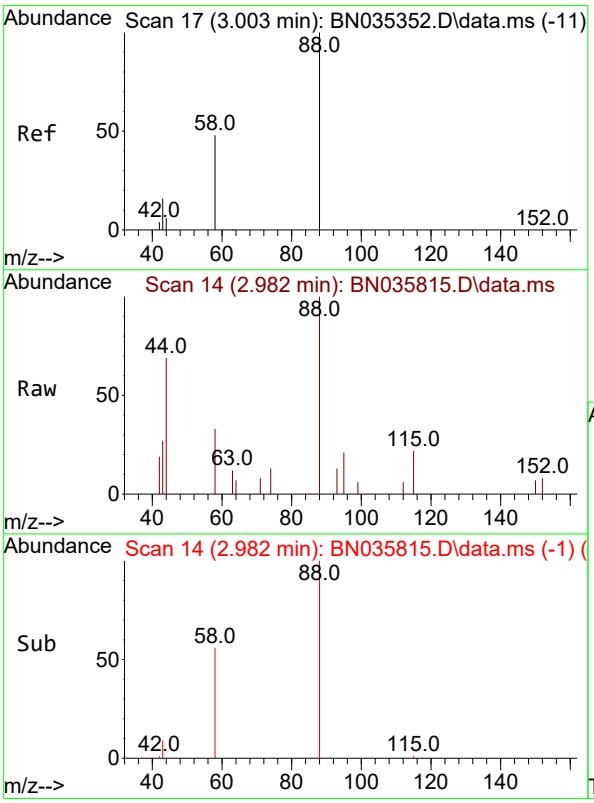
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.264 min Scan# 6(
Delta R.T. -0.008 min
Lab File: BN035815.D
Acq: 24 Dec 2024 11:21

Instrument :
BNA_N
ClientSampleId :
TT150S1-20241218

Tgt Ion:152 Resp: 3146

Ion	Ratio	Lower	Upper
152	100		
150	149.2	124.0	186.0
115	58.2	49.6	74.4

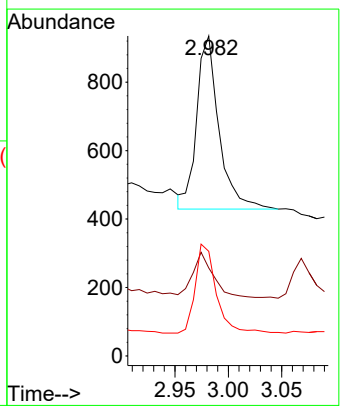


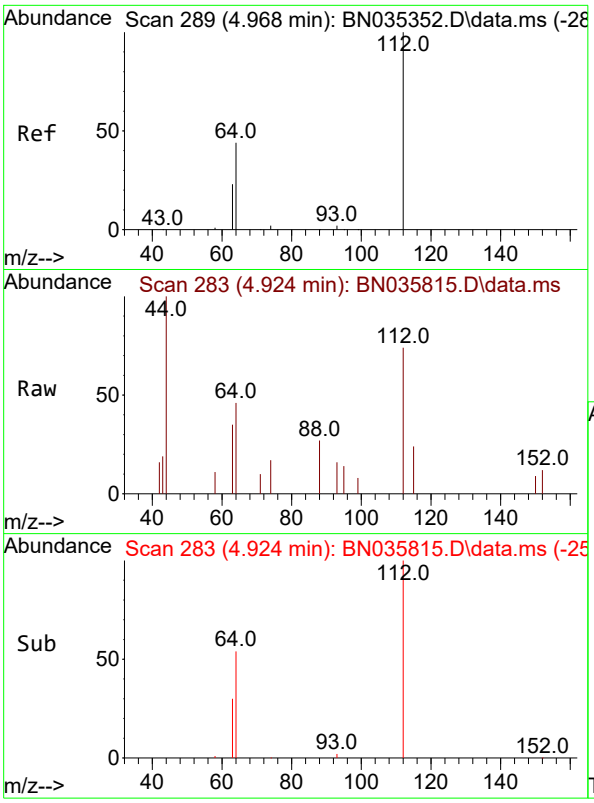


#2
1,4-Dioxane
Concen: 0.244 ng
RT: 2.982 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN035815.D
Acq: 24 Dec 2024 11:21

Tgt Ion: 88 Resp: 735

Ion	Ratio	Lower	Upper
88	100		
43	23.5	17.2	25.8
58	48.2	44.5	66.7



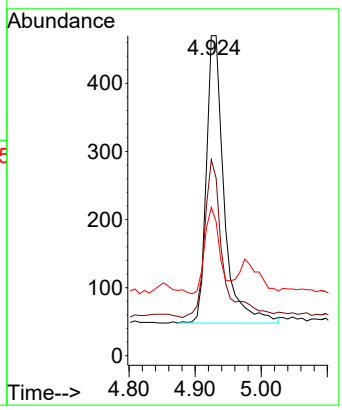


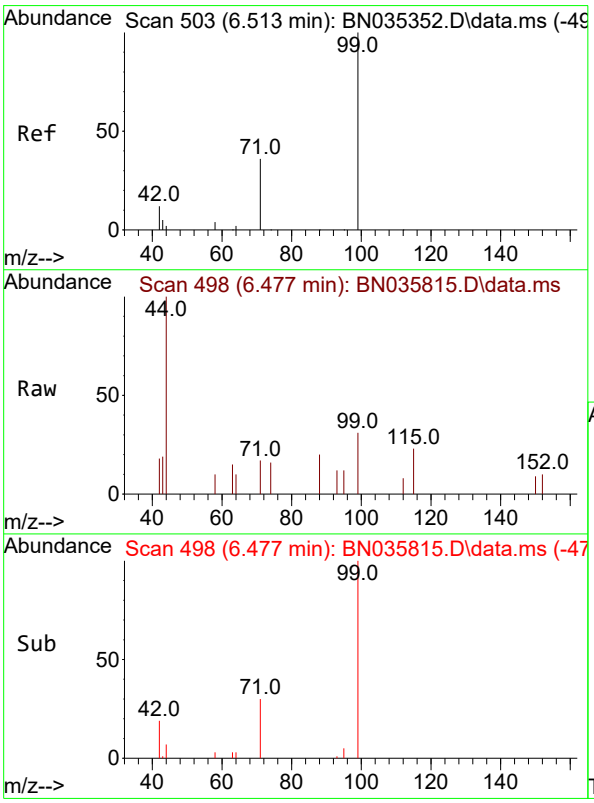
#4
2-Fluorophenol
Concen: 0.099 ng
RT: 4.924 min Scan# 2
Delta R.T. -0.015 min
Lab File: BN035815.D
Acq: 24 Dec 2024 11:21

Instrument :
BNA_N
ClientSampleId :
TT150S1-20241218

Tgt Ion:112 Resp: 783

Ion	Ratio	Lower	Upper
112	100		
64	55.9	39.8	59.8
63	25.3	21.0	31.6

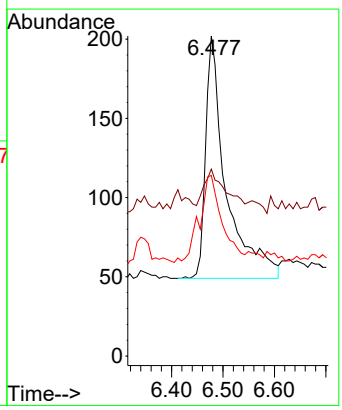


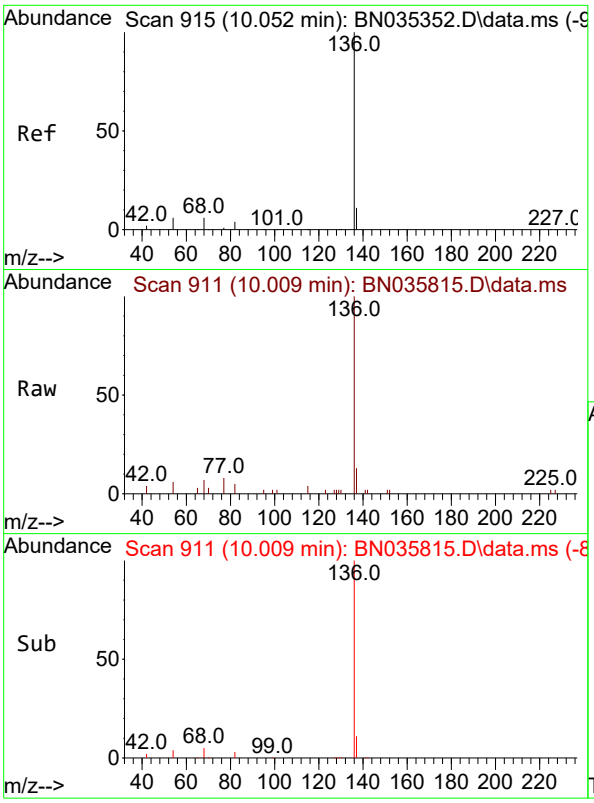


#5
Phenol-d6
Concen: 0.045 ng
RT: 6.477 min Scan# 498
Delta R.T. -0.015 min
Lab File: BN035815.D
Acq: 24 Dec 2024 11:21

Tgt Ion: 99 Resp: 425

Ion	Ratio	Lower	Upper
99	100		
42	14.4	11.4	17.2
71	40.0	29.3	43.9



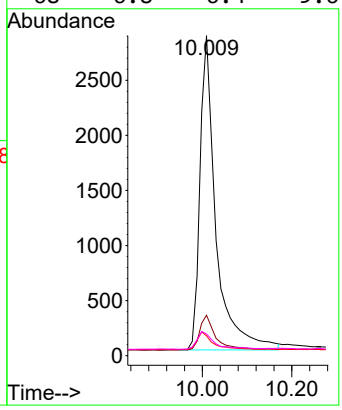


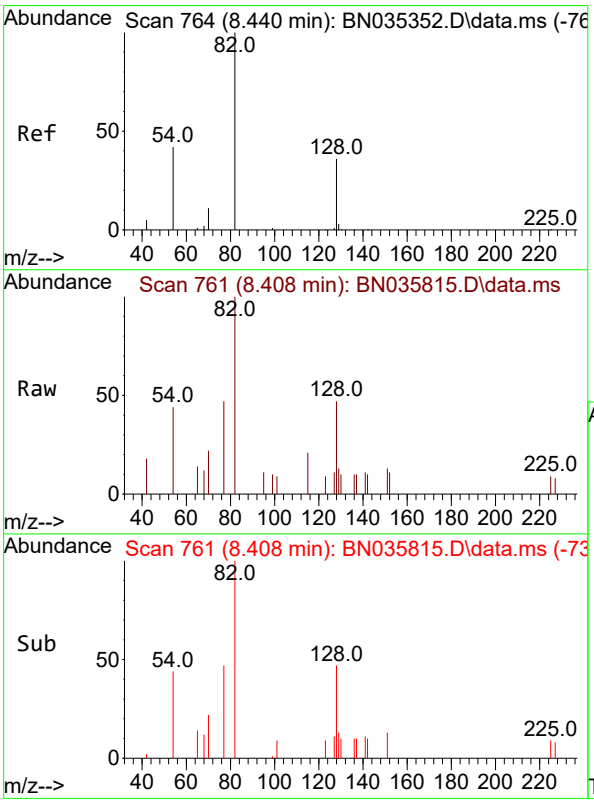
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.009 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN035815.D
Acq: 24 Dec 2024 11:21

Instrument :
BNA_N
ClientSampleId :
TT150S1-20241218

Tgt Ion:136 Resp: 7086

Ion	Ratio	Lower	Upper
136	100		
137	12.7	10.2	15.2
54	6.2	6.1	9.1
68	6.8	6.4	9.6

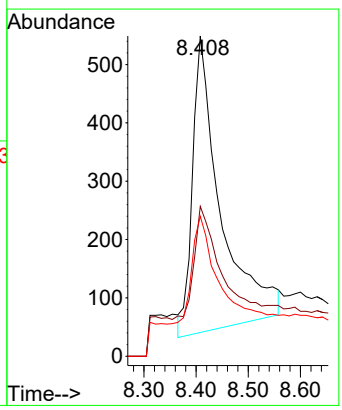


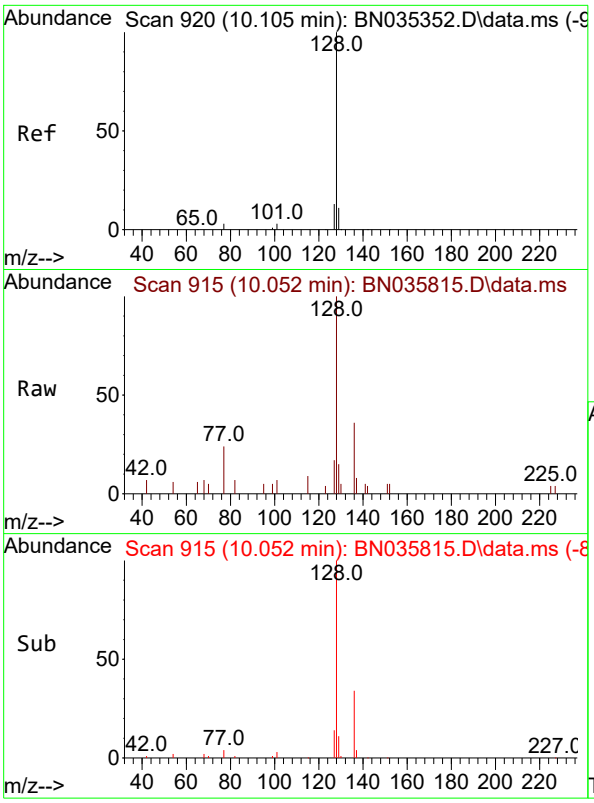


#8
Nitrobenzene-d5
Concen: 0.441 ng
RT: 8.408 min Scan# 761
Delta R.T. -0.000 min
Lab File: BN035815.D
Acq: 24 Dec 2024 11:21

Tgt Ion: 82 Resp: 1907

Ion	Ratio	Lower	Upper
82	100		
128	46.8	33.4	50.0
54	43.7	36.7	55.1



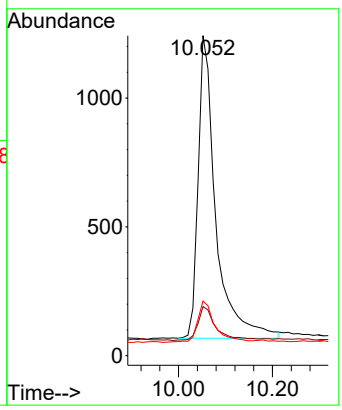


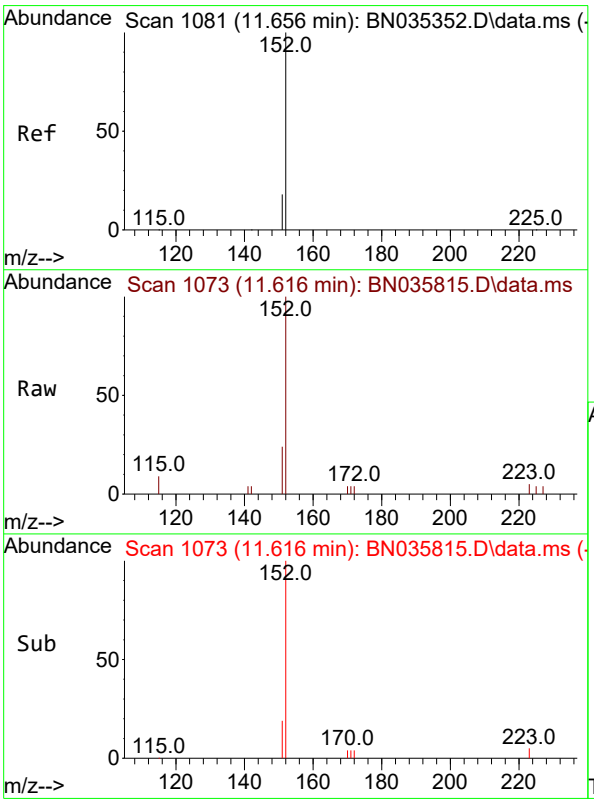
#9
Naphthalene
Concen: 0.164 ng
RT: 10.052 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN035815.D
Acq: 24 Dec 2024 11:21

Instrument :
BNA_N
ClientSampleId :
TT150S1-20241218

Tgt Ion:128 Resp: 3064

Ion	Ratio	Lower	Upper
128	100		
129	15.4	9.8	14.6#
127	17.1	11.4	17.2

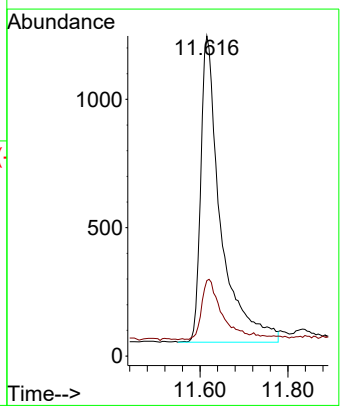


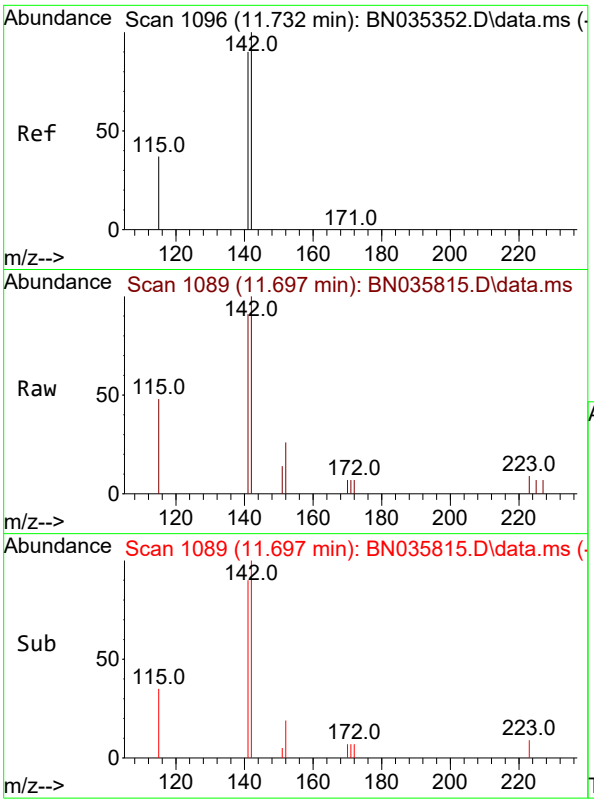


#11
2-Methylnaphthalene-d10
Concen: 0.337 ng
RT: 11.616 min Scan# 1073
Delta R.T. -0.005 min
Lab File: BN035815.D
Acq: 24 Dec 2024 11:21

Tgt Ion:152 Resp: 3733

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.6	25.0



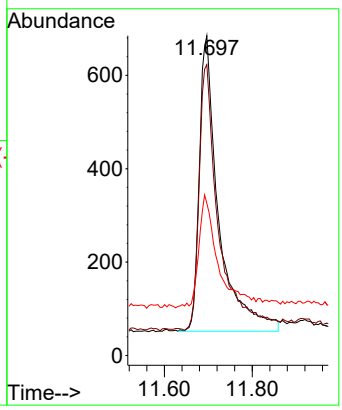


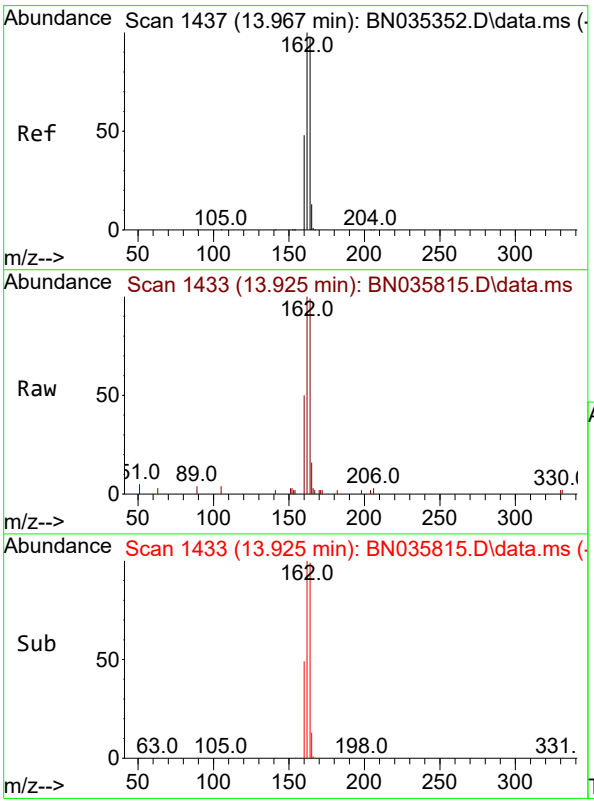
#12
2-Methylnaphthalene
Concen: 0.145 ng
RT: 11.697 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN035815.D
Acq: 24 Dec 2024 11:21

Instrument :
BNA_N
ClientSampleId :
TT150S1-20241218

Tgt Ion:142 Resp: 1938

Ion	Ratio	Lower	Upper
142	100		
141	90.9	72.2	108.4
115	47.6	31.4	47.0#

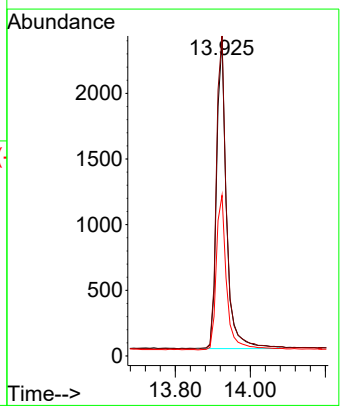


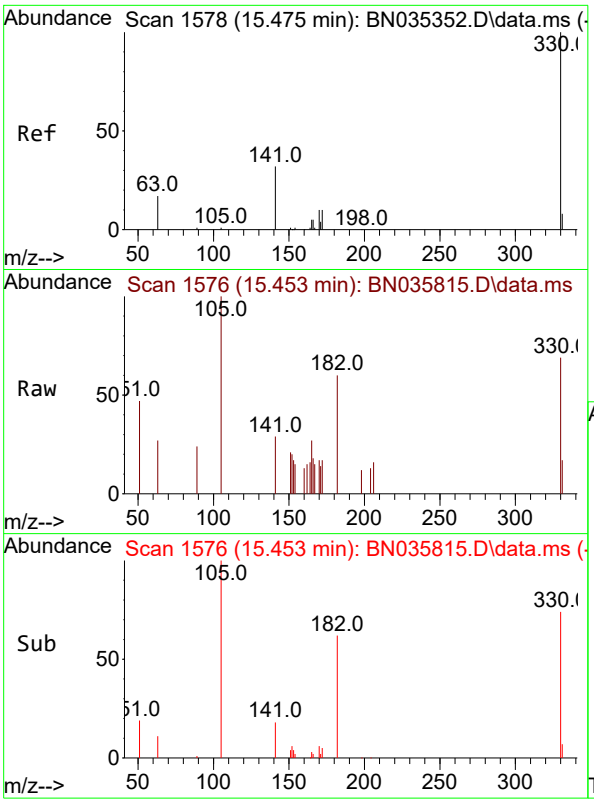


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.925 min Scan# 1433
Delta R.T. -0.011 min
Lab File: BN035815.D
Acq: 24 Dec 2024 11:21

Tgt Ion:164 Resp: 4334

Ion	Ratio	Lower	Upper
164	100		
162	101.3	82.2	123.2
160	50.9	40.1	60.1



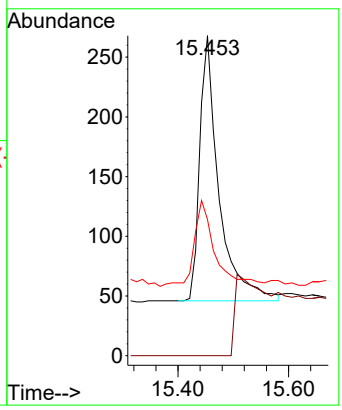


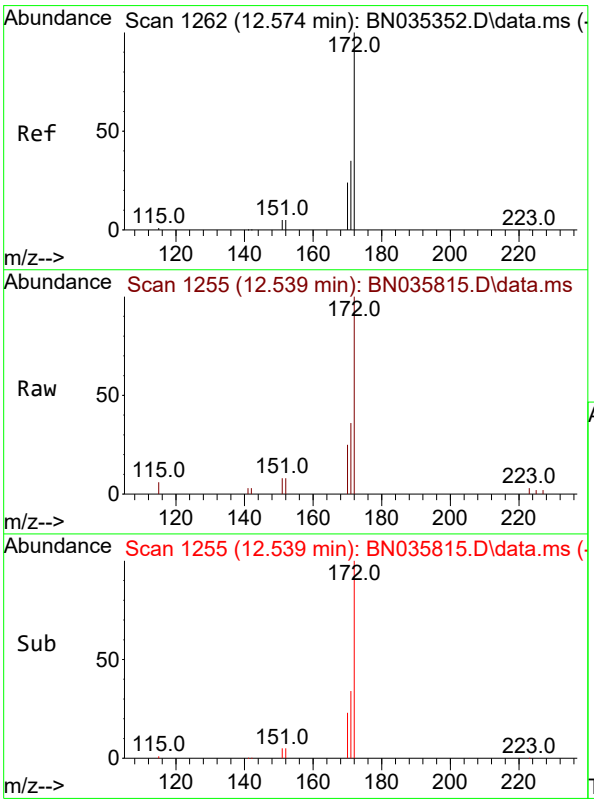
#14
2,4,6-Tribromophenol
Concen: 0.181 ng
RT: 15.453 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN035815.D
Acq: 24 Dec 2024 11:21

Instrument :
BNA_N
ClientSampleId :
TT150S1-20241218

Tgt Ion:330 Resp: 558

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	35.7	26.6	40.0

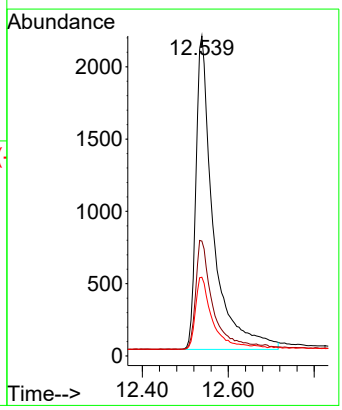


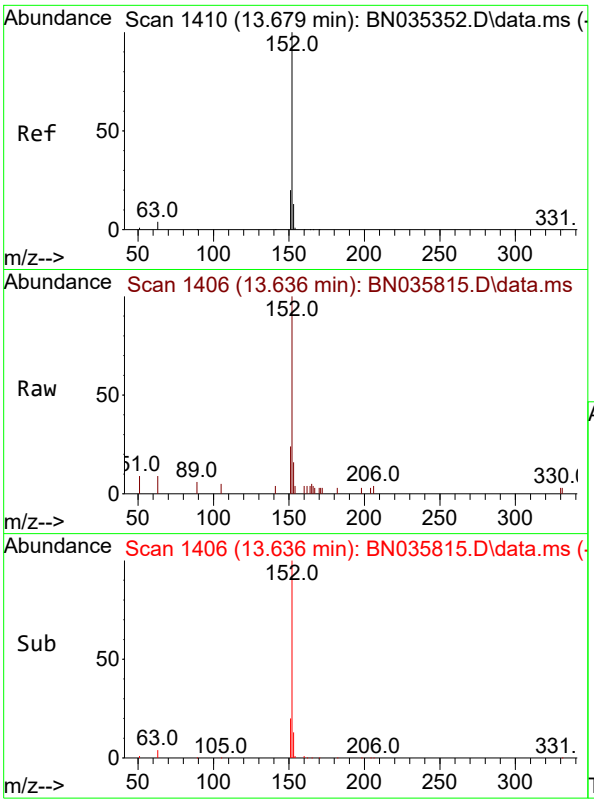


#15
2-Fluorobiphenyl
Concen: 0.371 ng
RT: 12.539 min Scan# 1255
Delta R.T. -0.005 min
Lab File: BN035815.D
Acq: 24 Dec 2024 11:21

Tgt Ion:172 Resp: 6086

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.0	43.4
170	24.6	19.8	29.8



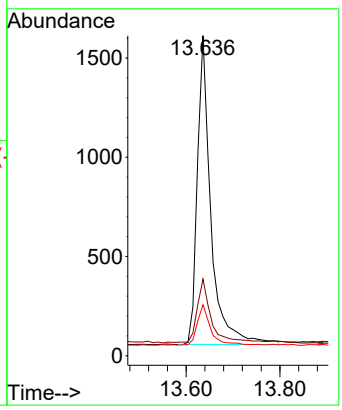


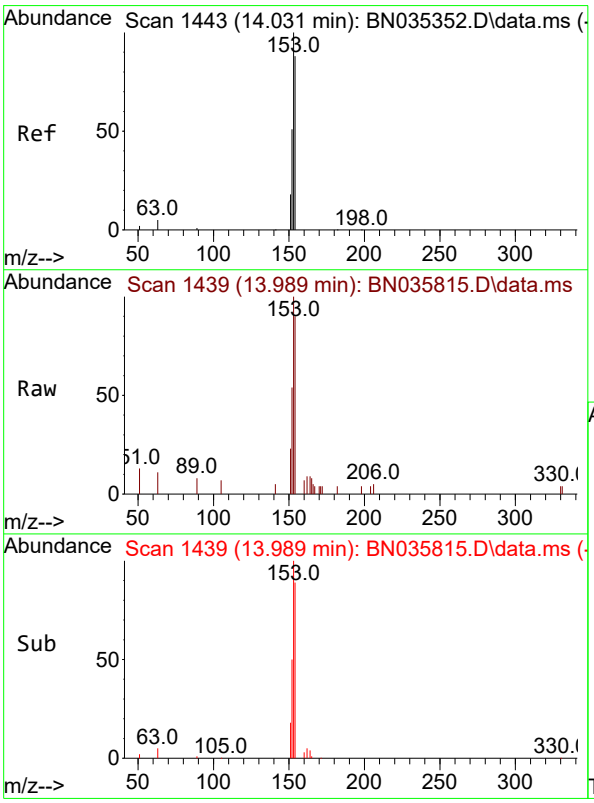
#16
Acenaphthylene
Concen: 0.172 ng
RT: 13.636 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN035815.D
Acq: 24 Dec 2024 11:21

Instrument :
BNA_N
ClientSampleId :
TT150S1-20241218

Tgt Ion:152 Resp: 3133

Ion	Ratio	Lower	Upper
152	100		
151	21.5	16.2	24.2
153	12.7	10.4	15.6

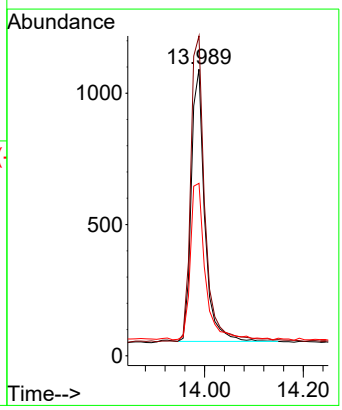


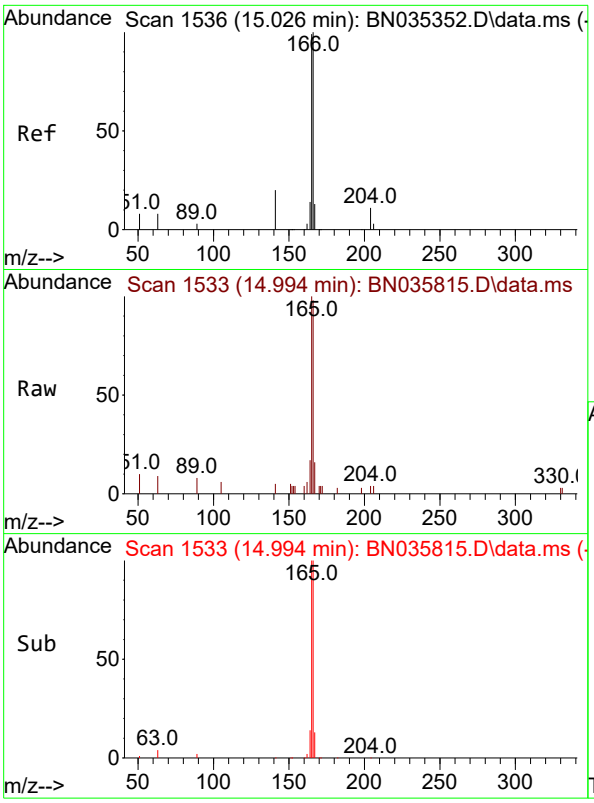


#17
Acenaphthene
Concen: 0.162 ng
RT: 13.989 min Scan# 1439
Delta R.T. -0.011 min
Lab File: BN035815.D
Acq: 24 Dec 2024 11:21

Tgt Ion:154 Resp: 1954

Ion	Ratio	Lower	Upper
154	100		
153	119.7	92.6	139.0
152	64.0	49.0	73.6



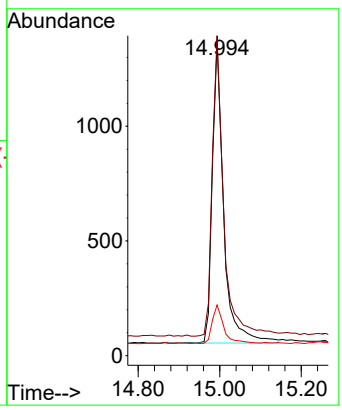


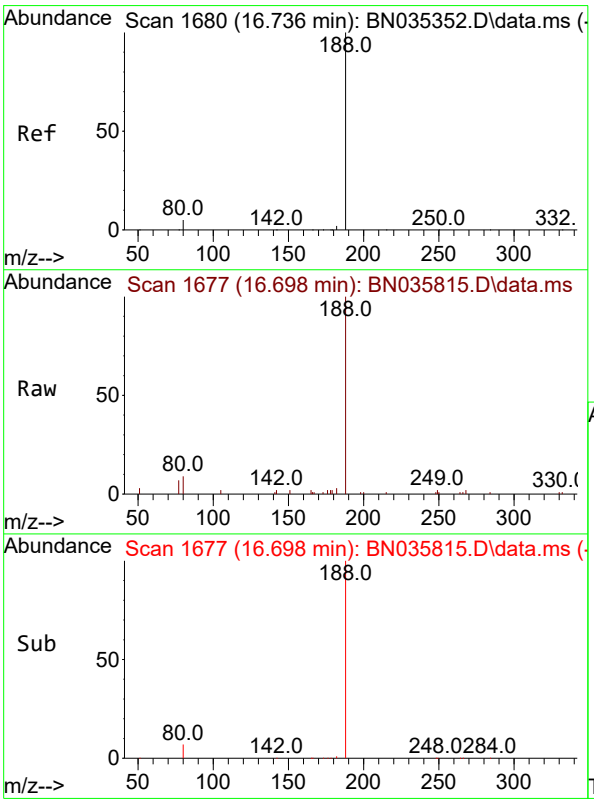
#18
Fluorene
Concen: 0.147 ng
RT: 14.994 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN035815.D
Acq: 24 Dec 2024 11:21

Instrument :
BNA_N
ClientSampleId :
TT150S1-20241218

Tgt Ion:166 Resp: 2543

Ion	Ratio	Lower	Upper
166	100		
165	100.0	79.7	119.5
167	12.9	10.8	16.2

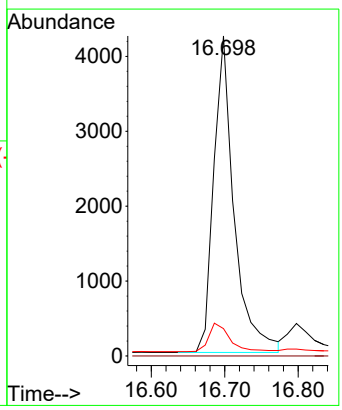


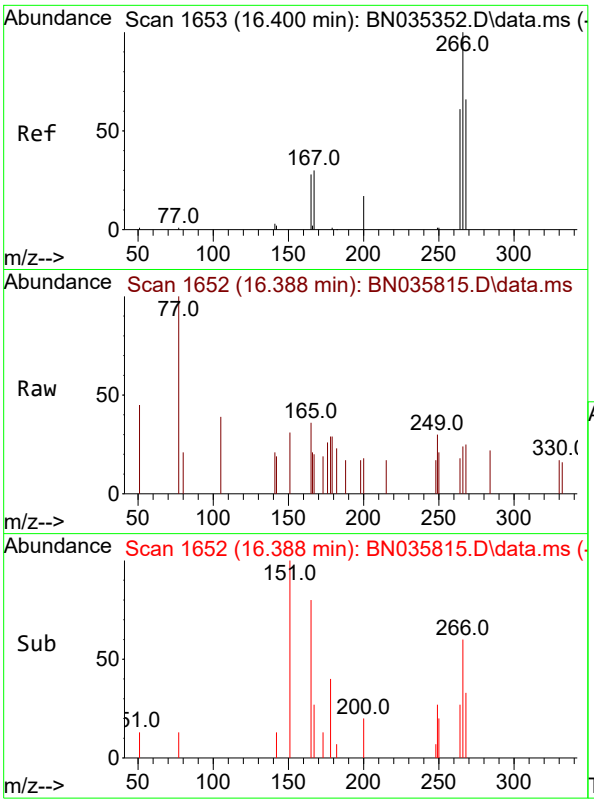


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.698 min Scan# 1677
Delta R.T. -0.000 min
Lab File: BN035815.D
Acq: 24 Dec 2024 11:21

Tgt Ion:188 Resp: 8132

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.6	4.6	6.8#



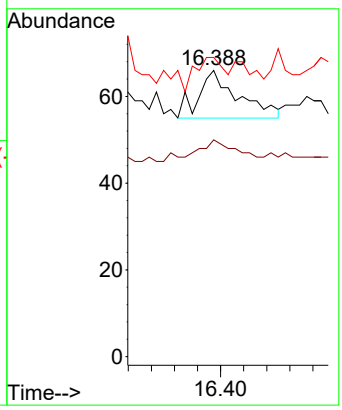


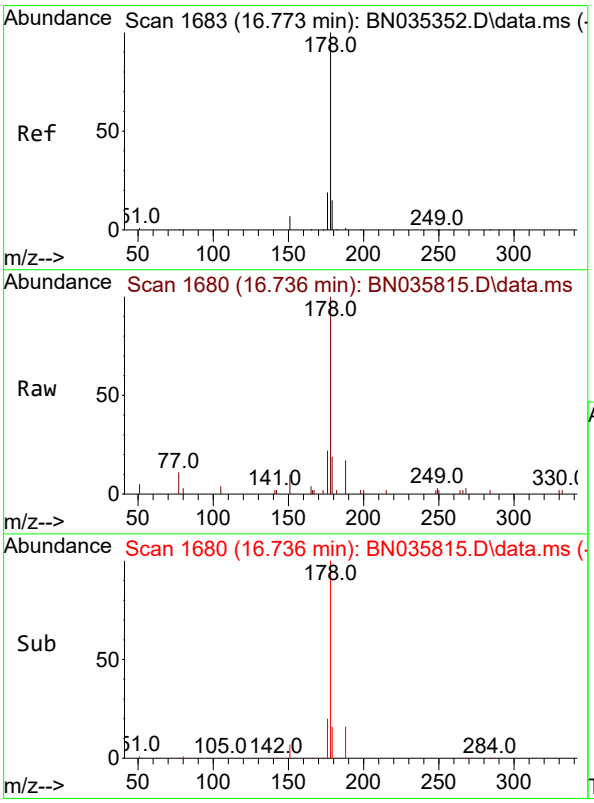
#24
Pentachlorophenol
Concen: 0.021 ng
RT: 16.388 min Scan# 1(
Delta R.T. 0.012 min
Lab File: BN035815.D
Acq: 24 Dec 2024 11:21

Instrument :
BNA_N
ClientSampleId :
TT150S1-20241218

Tgt Ion:266 Resp: 52

Ion	Ratio	Lower	Upper
266	100		
264	48.1	42.3	63.5
268	53.8	43.3	64.9

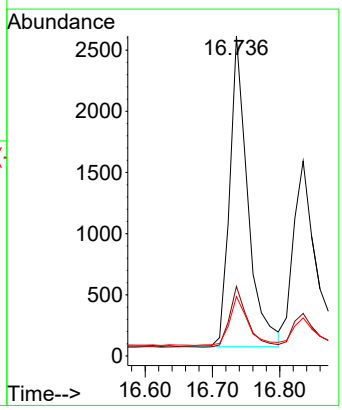


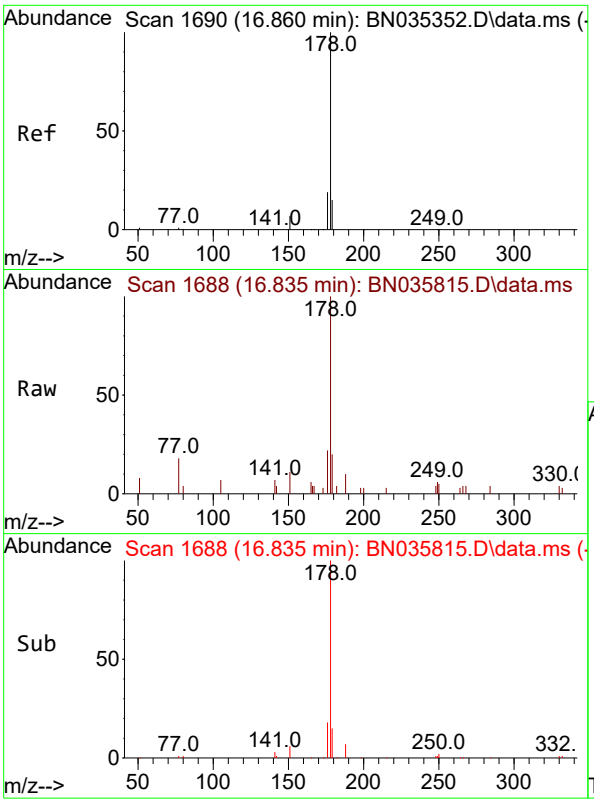


#25
Phenanthrene
Concen: 0.213 ng
RT: 16.736 min Scan# 1680
Delta R.T. -0.012 min
Lab File: BN035815.D
Acq: 24 Dec 2024 11:21

Tgt Ion:178 Resp: 4749

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	16.1	12.3	18.5



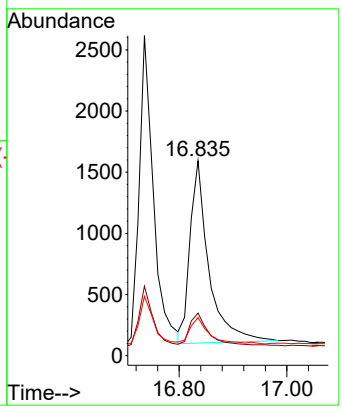


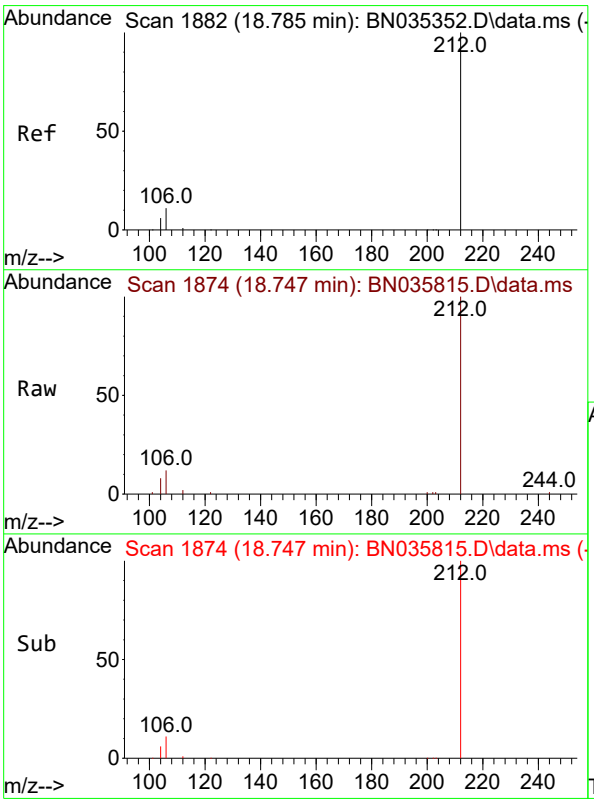
#26
Anthracene
Concen: 0.179 ng
RT: 16.835 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN035815.D
Acq: 24 Dec 2024 11:21

Instrument :
BNA_N
ClientSampleId :
TT150S1-20241218

Tgt Ion:178 Resp: 3615

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.6
179	15.4	12.6	18.8

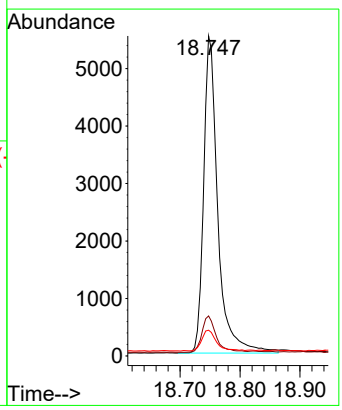


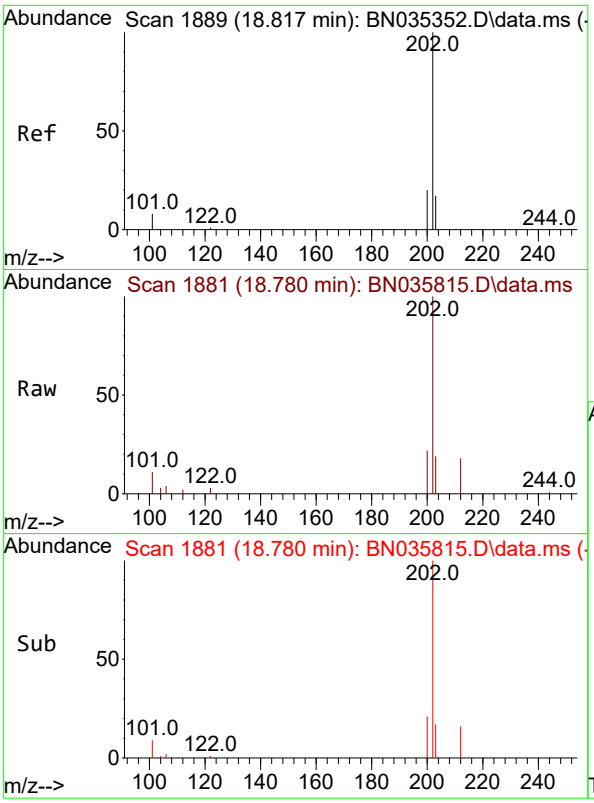


#27
Fluoranthene-d10
Concen: 0.394 ng
RT: 18.747 min Scan# 1874
Delta R.T. -0.014 min
Lab File: BN035815.D
Acq: 24 Dec 2024 11:21

Tgt Ion:212 Resp: 9081

Ion	Ratio	Lower	Upper
212	100		
106	11.4	9.2	13.8
104	6.7	5.3	7.9



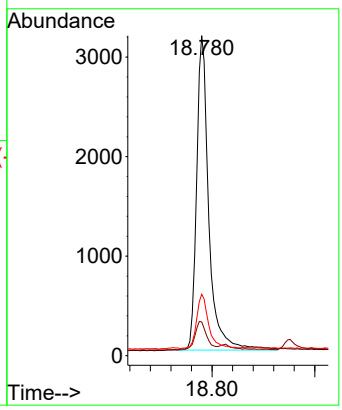


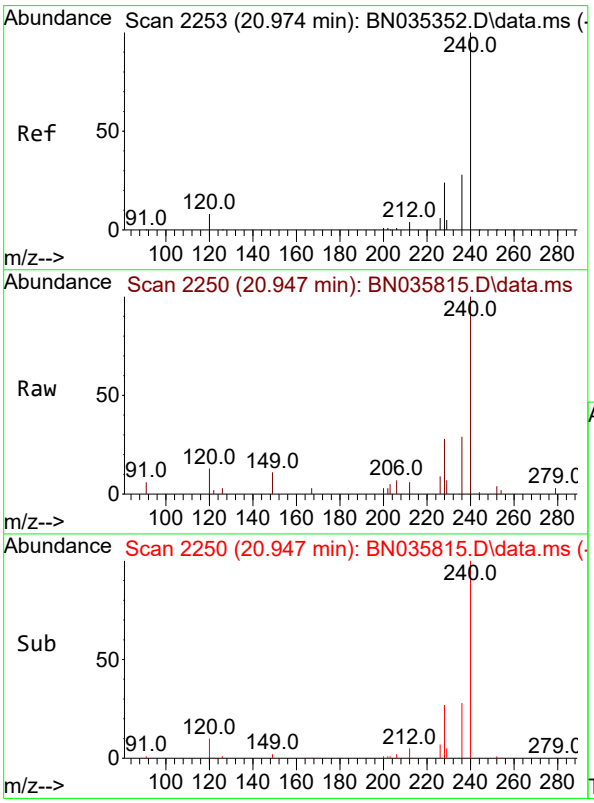
#28
Fluoranthene
Concen: 0.173 ng
RT: 18.780 min Scan# 1
Delta R.T. -0.009 min
Lab File: BN035815.D
Acq: 24 Dec 2024 11:21

Instrument :
BNA_N
ClientSampleId :
TT150S1-20241218

Tgt Ion:202 Resp: 5217

Ion	Ratio	Lower	Upper
202	100		
101	8.8	7.4	11.0
203	17.1	13.7	20.5

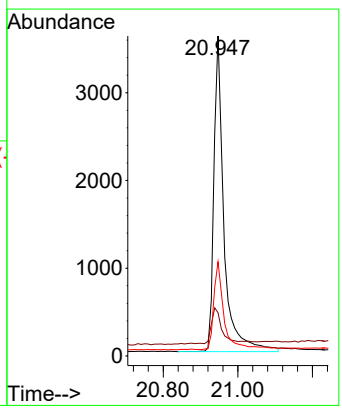


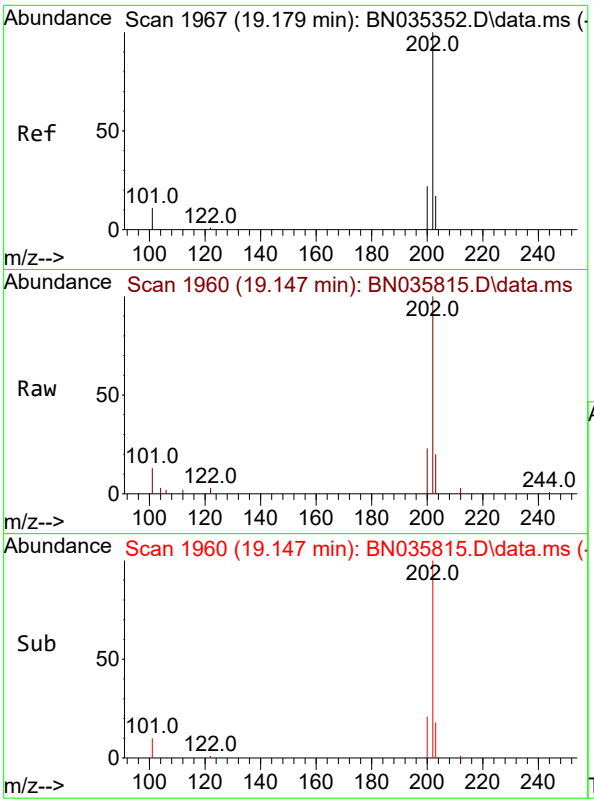


#29
Chrysene-d12
Concen: 0.400 ng
RT: 20.947 min Scan# 2250
Delta R.T. -0.009 min
Lab File: BN035815.D
Acq: 24 Dec 2024 11:21

Tgt Ion:240 Resp: 6728

Ion	Ratio	Lower	Upper
240	100		
120	13.5	7.9	11.9#
236	29.4	22.9	34.3



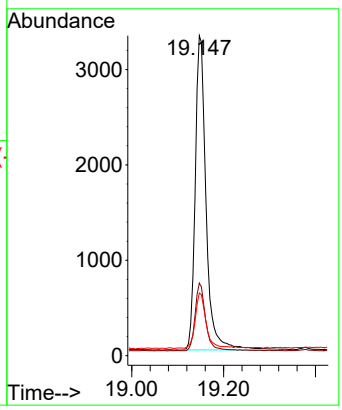


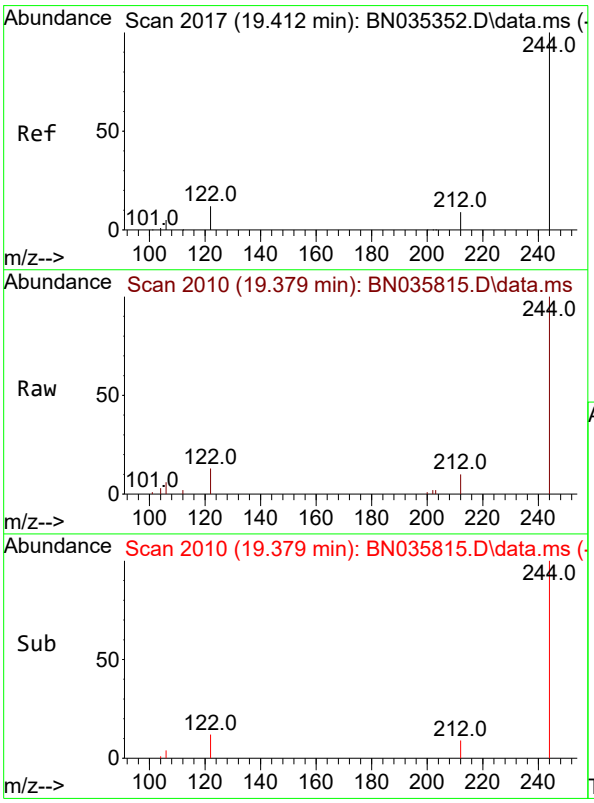
#30
Pyrene
Concen: 0.217 ng
RT: 19.147 min Scan# 1
Delta R.T. -0.014 min
Lab File: BN035815.D
Acq: 24 Dec 2024 11:21

Instrument :
BNA_N
ClientSampleId :
TT150S1-20241218

Tgt Ion:202 Resp: 5398

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.0	25.4
203	18.3	14.3	21.5

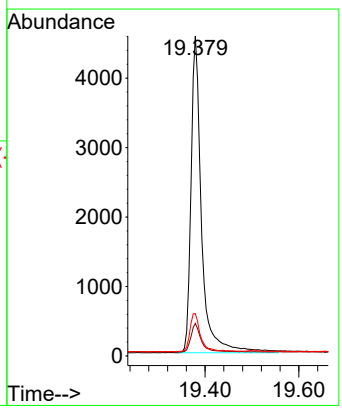


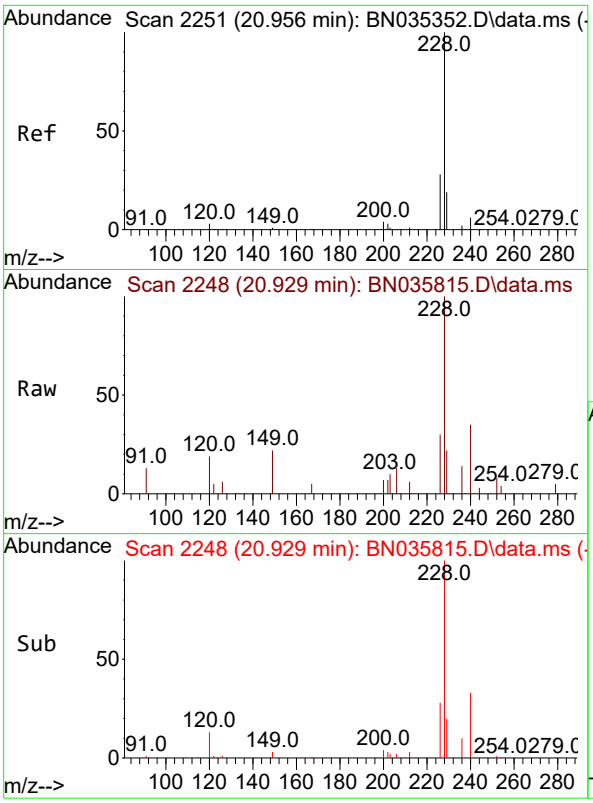


#31
Terphenyl-d14
Concen: 0.536 ng
RT: 19.379 min Scan# 2010
Delta R.T. -0.009 min
Lab File: BN035815.D
Acq: 24 Dec 2024 11:21

Tgt Ion:244 Resp: 7115

Ion	Ratio	Lower	Upper
244	100		
212	10.1	8.1	12.1
122	13.2	10.3	15.5



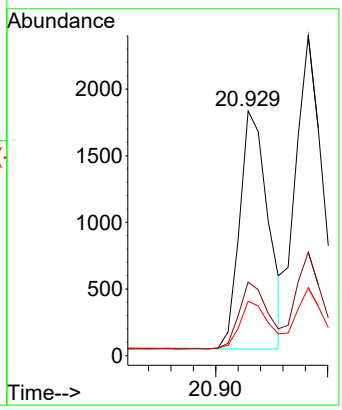


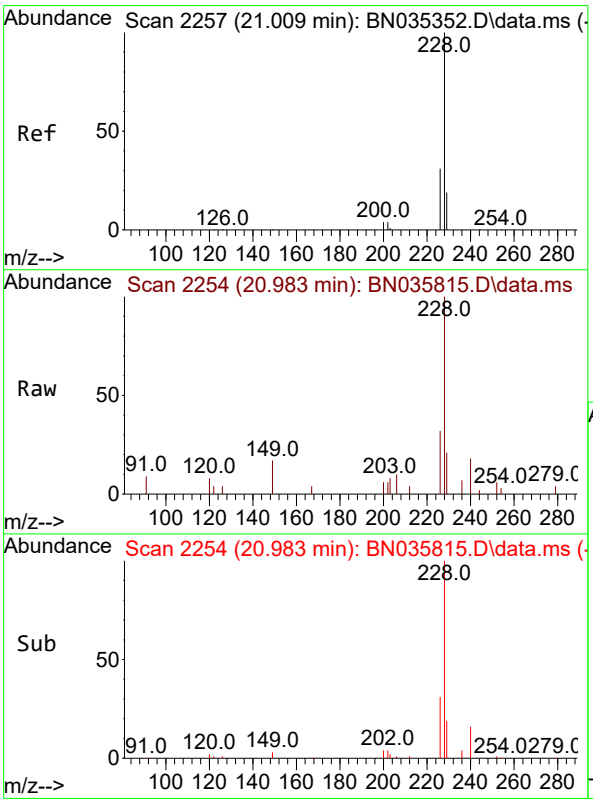
#32
Benzo(a)anthracene
Concen: 0.134 ng
RT: 20.929 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN035815.D
Acq: 24 Dec 2024 11:21

Instrument :
BNA_N
ClientSampleId :
TT150S1-20241218

Tgt Ion:228 Resp: 3164

Ion	Ratio	Lower	Upper
228	100		
226	30.0	22.5	33.7
229	22.2	15.8	23.8

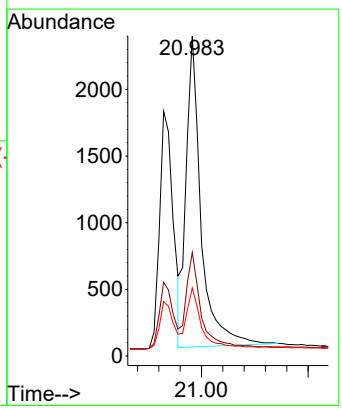


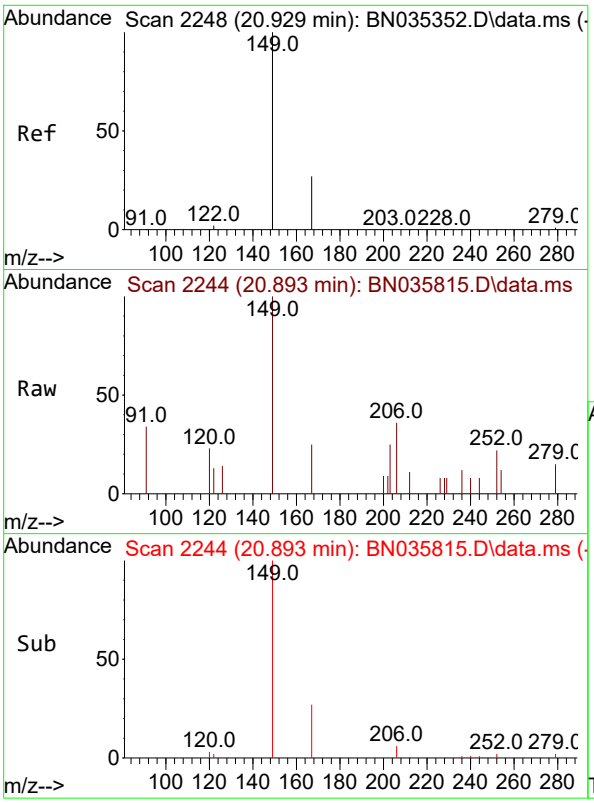


#33
Chrysene
Concen: 0.187 ng
RT: 20.983 min Scan# 2254
Delta R.T. -0.009 min
Lab File: BN035815.D
Acq: 24 Dec 2024 11:21

Tgt Ion:228 Resp: 4527

Ion	Ratio	Lower	Upper
228	100		
226	32.4	24.6	37.0
229	21.2	15.9	23.9



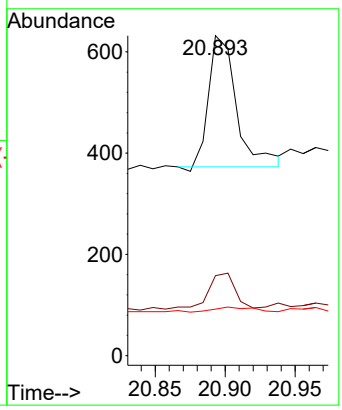


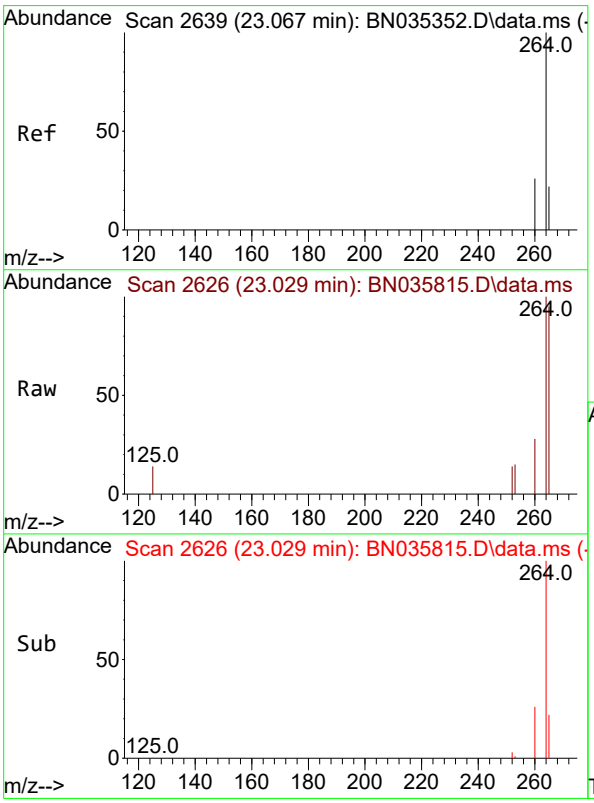
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.038 ng
RT: 20.893 min Scan# 2
Delta R.T. -0.018 min
Lab File: BN035815.D
Acq: 24 Dec 2024 11:21

Instrument :
BNA_N
ClientSampleId :
TT150S1-20241218

Tgt Ion:149 Resp: 357

Ion	Ratio	Lower	Upper
149	100		
167	26.9	22.2	33.4
279	4.5	2.7	4.1#

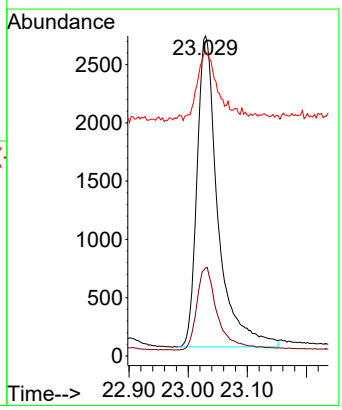


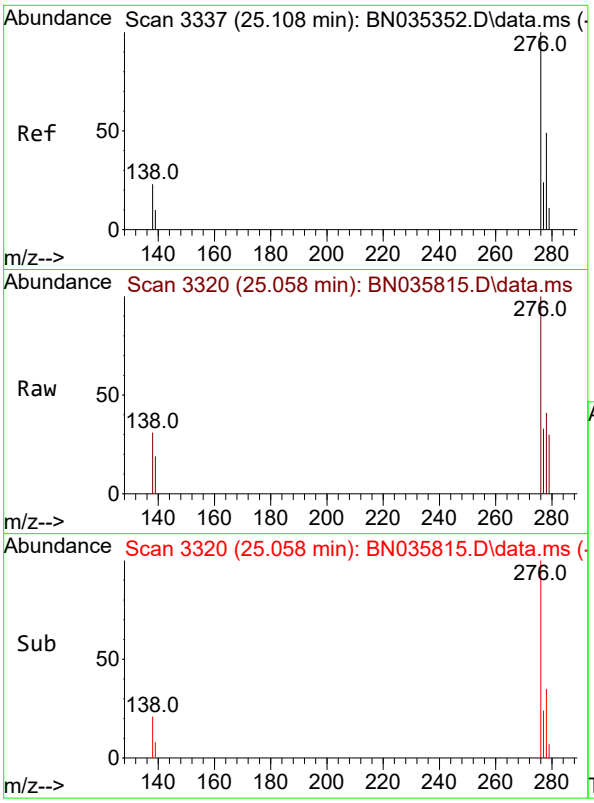


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.029 min Scan# 2626
Delta R.T. -0.012 min
Lab File: BN035815.D
Acq: 24 Dec 2024 11:21

Tgt Ion:264 Resp: 6588

Ion	Ratio	Lower	Upper
264	100		
260	27.5	21.4	32.2
265	95.1	40.2	60.4#



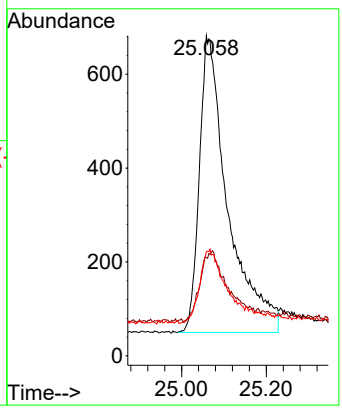


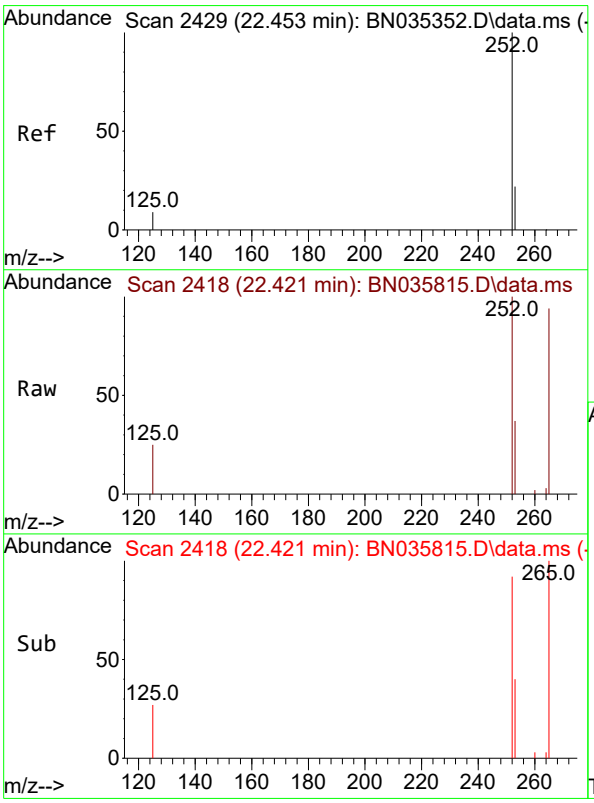
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.115 ng
RT: 25.058 min Scan# 3
Delta R.T. -0.009 min
Lab File: BN035815.D
Acq: 24 Dec 2024 11:21

Instrument :
BNA_N
ClientSampleId :
TT150S1-20241218

Tgt Ion:276 Resp: 2949

Ion	Ratio	Lower	Upper
276	100		
138	22.4	19.4	29.0
277	22.2	19.8	29.6

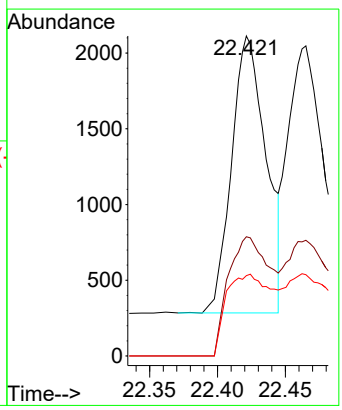


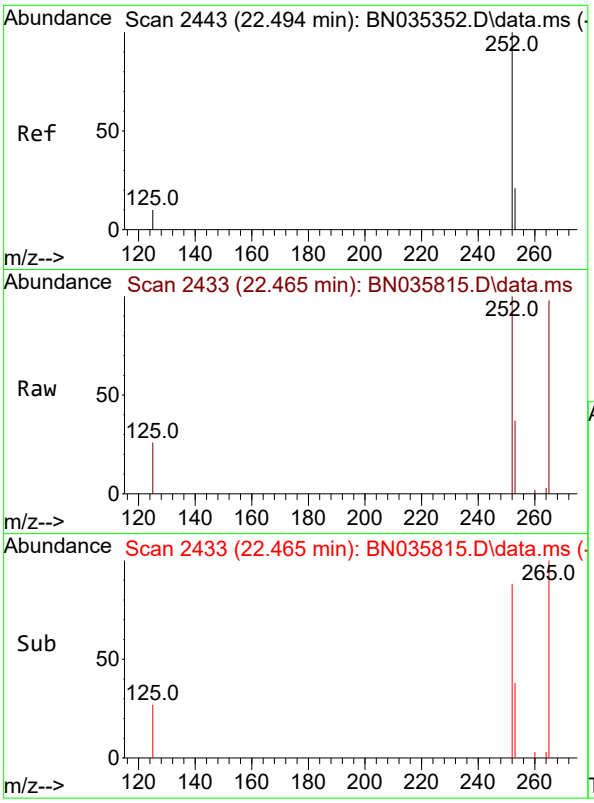


#37
Benzo(b)fluoranthene
Concen: 0.189 ng
RT: 22.421 min Scan# 2418
Delta R.T. -0.009 min
Lab File: BN035815.D
Acq: 24 Dec 2024 11:21

Tgt Ion:252 Resp: 4545

Ion	Ratio	Lower	Upper
252	100		
253	37.2	19.6	29.4#
125	25.1	9.6	14.4#



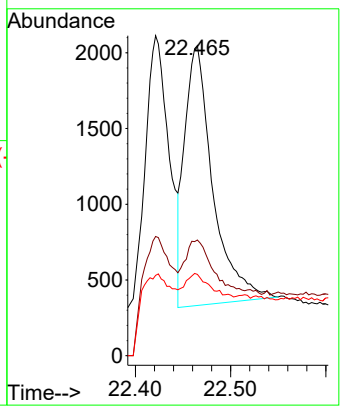


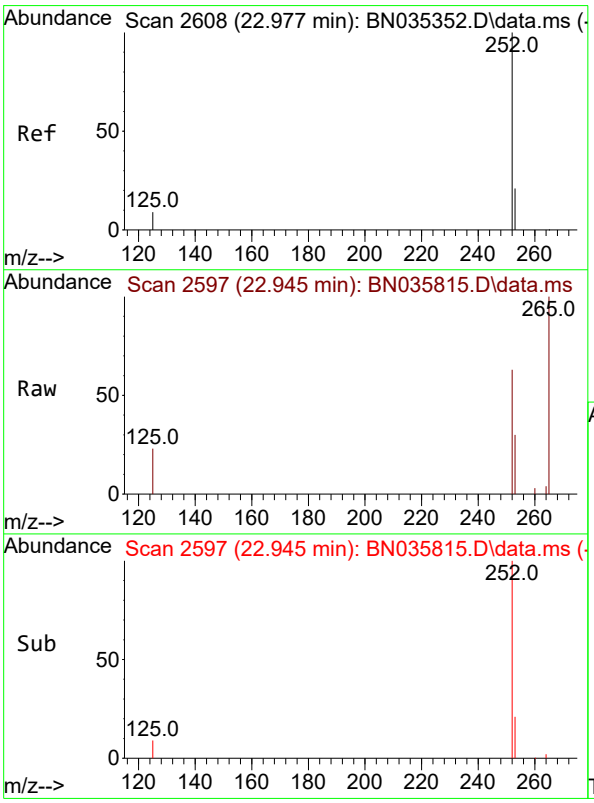
#38
Benzo(k)fluoranthene
Concen: 0.149 ng
RT: 22.465 min Scan# 24
Delta R.T. -0.006 min
Lab File: BN035815.D
Acq: 24 Dec 2024 11:21

Instrument :
BNA_N
ClientSampleId :
TT150S1-20241218

Tgt Ion:252 Resp: 3529

Ion	Ratio	Lower	Upper
252	100		
253	37.3	19.5	29.3#
125	26.2	10.2	15.4#

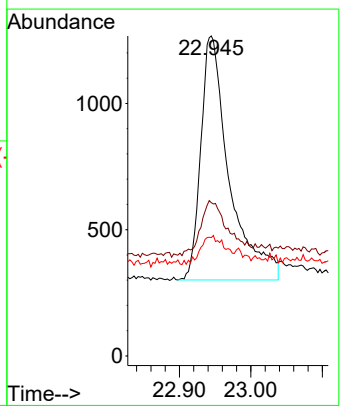


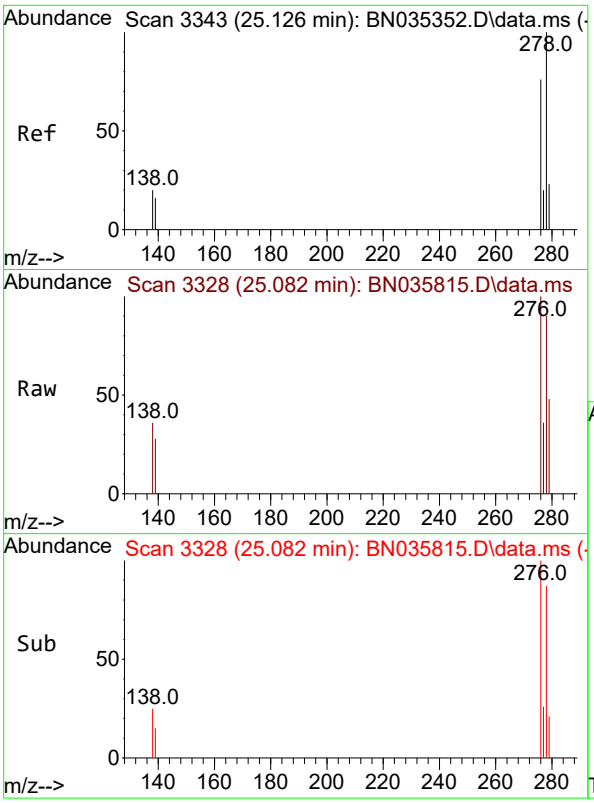


#39
Benzo(a)pyrene
Concen: 0.135 ng
RT: 22.945 min Scan# 2597
Delta R.T. -0.006 min
Lab File: BN035815.D
Acq: 24 Dec 2024 11:21

Tgt Ion:252 Resp: 2673

Ion	Ratio	Lower	Upper
252	100		
253	47.9	20.2	30.4#
125	37.0	10.9	16.3#



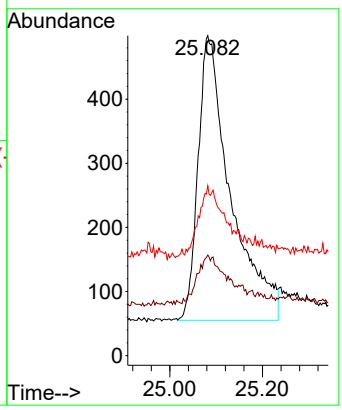


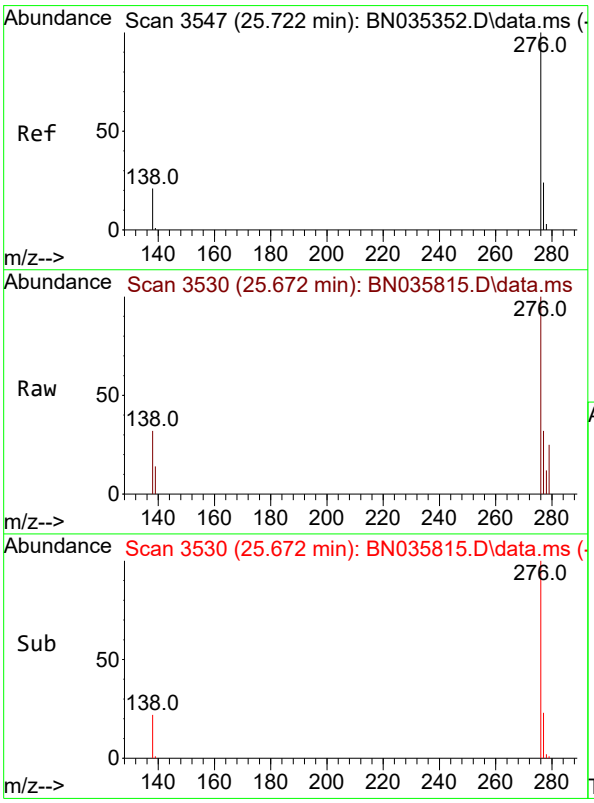
#40
Dibenzo(a,h)anthracene
Concen: 0.107 ng
RT: 25.082 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN035815.D
Acq: 24 Dec 2024 11:21

Instrument :
BNA_N
ClientSampleId :
TT150S1-20241218

Tgt Ion:278 Resp: 2170

Ion	Ratio	Lower	Upper
278	100		
139	31.5	14.2	21.4#
279	53.1	20.5	30.7#





#41
Benzo(g,h,i)perylene
Concen: 0.113 ng
RT: 25.672 min Scan# 3530
Delta R.T. -0.006 min
Lab File: BN035815.D
Acq: 24 Dec 2024 11:21

Tgt Ion:276 Resp: 2390

Ion	Ratio	Lower	Upper
276	100		
277	32.0	19.9	29.9#
138	32.1	17.8	26.8#