Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122324\
Data File : BN035816.D
Acq On : 24 Dec 2024 11:57
Operator : RC/JU
Sample : P5376-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE115D2-20241218

Quant Time: Dec 24 23:17:25 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	3275	0.400	ng		0.00
7) Naphthalene-d8	10.009	136	7772	0.400	ng		-0.01
13) Acenaphthene-d10	13.925	164	4979	0.400	ng		-0.01
19) Phenanthrene-d10	16.698	188	10106	0.400	ng		# 0.00
29) Chrysene-d12	20.947	240	8871	0.400	ng		0.00
35) Perylene-d12	23.032	264	8758	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	4.924	112	753	0.092	ng		-0.01
5) Phenol-d6	6.477	99	383	0.039	ng		-0.01
8) Nitrobenzene-d5	8.408	82	2504	0.527	ng		0.00
11) 2-Methylnaphthalene-d10	11.621	152	3538	0.291	ng		0.00
14) 2,4,6-Tribromophenol	15.453	330	586	0.166	ng		0.00
15) 2-Fluorobiphenyl	12.539	172	6110	0.325	ng		0.00
27) Fluoranthene-d10	18.752	212	10407	0.363	ng		0.00
31) Terphenyl-d14	19.379	244	8030	0.459	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.974	88	23179	7.403	ng		99
6) bis(2-Chloroethyl)ether	6.723	93	310	0.037	ng		93
9) Naphthalene	10.052	128	1561	0.076	ng	#	80
12) 2-Methylnaphthalene	11.697	142	932	0.064	ng	#	87
16) Acenaphthylene	13.636	152	1554	0.074	ng		99
17) Acenaphthene	13.989	154	972	0.070	ng		97
18) Fluorene	14.994	166	1321	0.066	ng		98
25) Phenanthrene	16.736	178	2623	0.094	ng		99
26) Anthracene	16.835	178	1938	0.077	ng		98
28) Fluoranthene	18.780	202	3054	0.082	ng		99
30) Pyrene	19.152	202	3188	0.097	ng		99
32) Benzo(a)anthracene	20.929	228	1910	0.062	ng		93
33) Chrysene	20.983	228	2737	0.086	ng		94
34) Bis(2-ethylhexyl)phtha...	20.893	149	623	0.051	ng	#	94
36) Indeno(1,2,3-cd)pyrene	25.073	276	1728	0.050	ng	#	68
37) Benzo(b)fluoranthene	22.424	252	2429	0.076	ng	#	52
38) Benzo(k)fluoranthene	22.465	252	1987	0.063	ng	#	51
39) Benzo(a)pyrene	22.948	252	1503	0.057	ng	#	21
40) Dibenzo(a,h)anthracene	25.088	278	1220	0.045	ng	#	30
41) Benzo(g,h,i)perylene	25.678	276	1434	0.051	ng	#	72

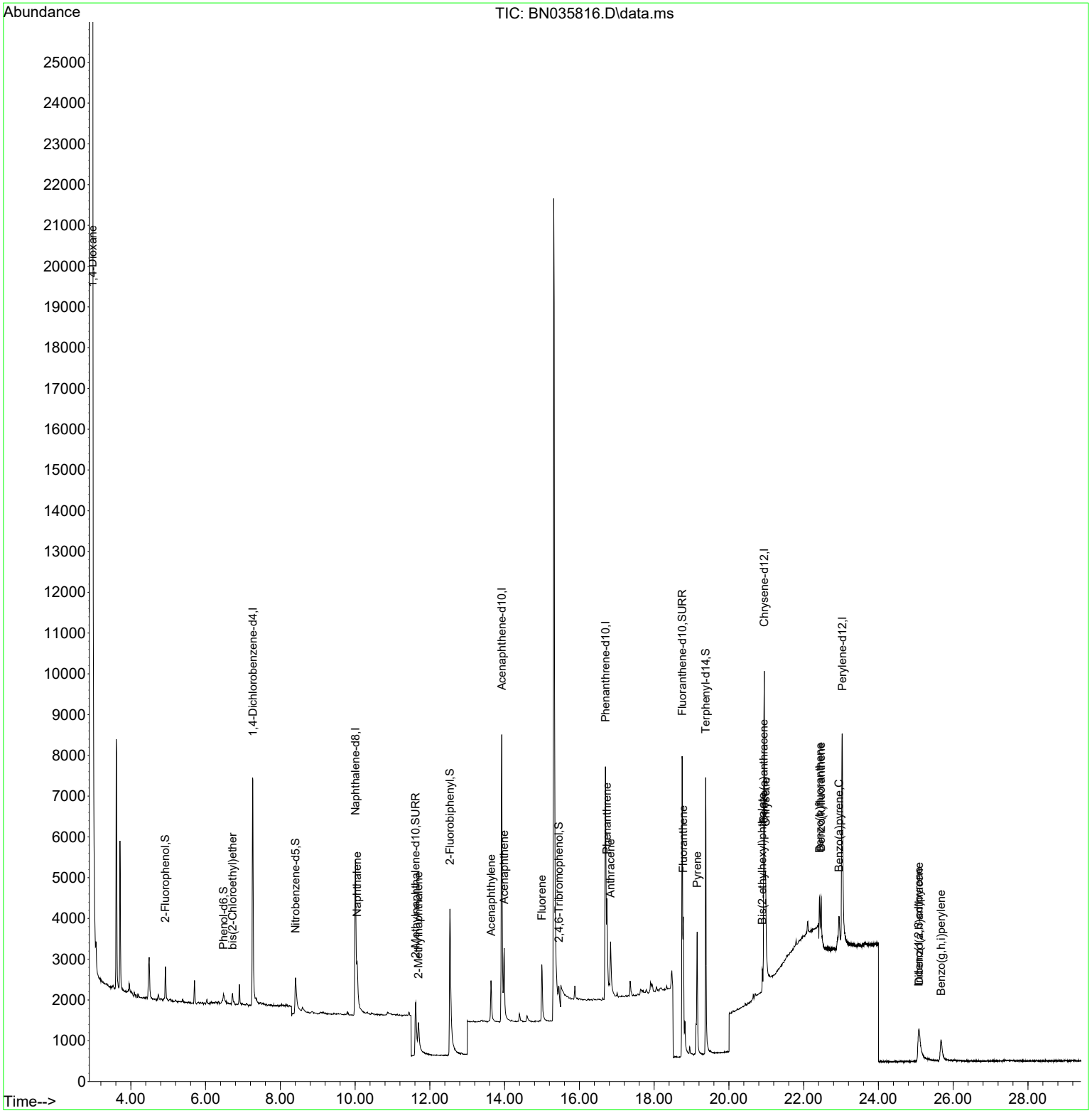
(#) = qualifier out of range (m) = manual integration (+) = signals summed

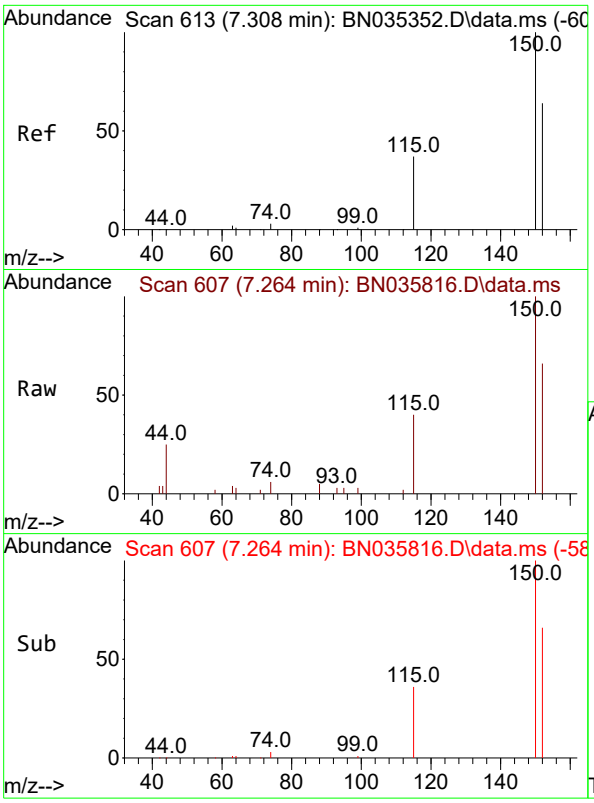
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122324\
Data File : BN035816.D
Acq On : 24 Dec 2024 11:57
Operator : RC/JU
Sample : P5376-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE115D2-20241218

Quant Time: Dec 24 23:17:25 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



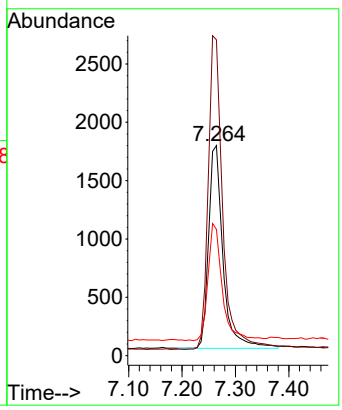


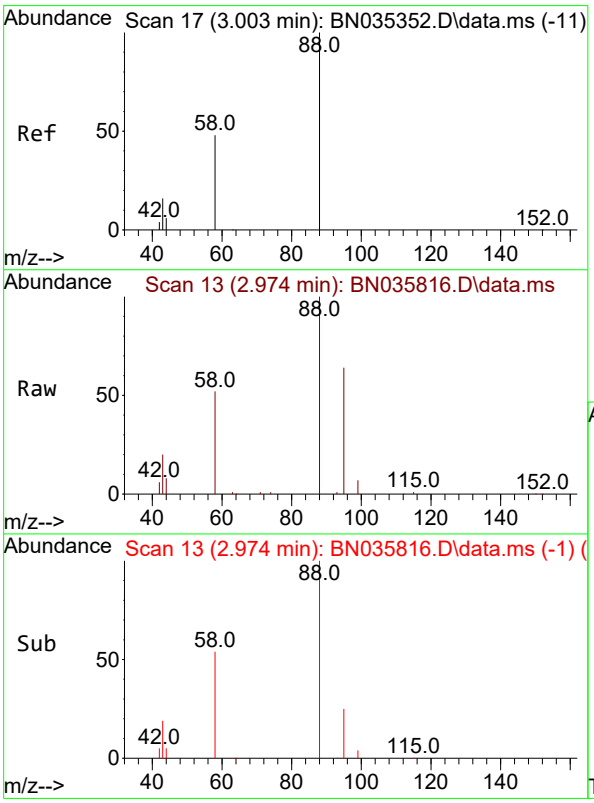
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.264 min Scan# 6(
Delta R.T. -0.008 min
Lab File: BN035816.D
Acq: 24 Dec 2024 11:57

Instrument :
BNA_N
ClientSampleId :
RE115D2-20241218

Tgt Ion:152 Resp: 3275

Ion	Ratio	Lower	Upper
152	100		
150	150.4	124.0	186.0
115	60.1	49.6	74.4

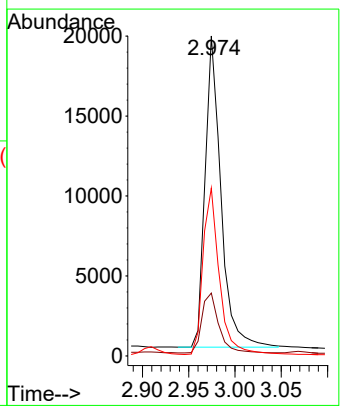


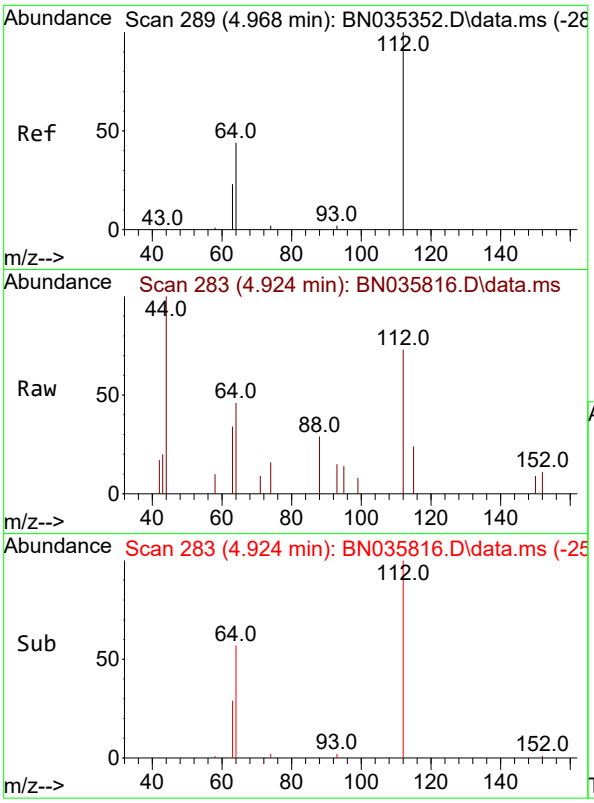


#2
1,4-Dioxane
Concen: 7.403 ng
RT: 2.974 min Scan# 13
Delta R.T. -0.007 min
Lab File: BN035816.D
Acq: 24 Dec 2024 11:57

Tgt Ion: 88 Resp: 23179

Ion	Ratio	Lower	Upper
88	100		
43	20.6	17.2	25.8
58	55.1	44.5	66.7



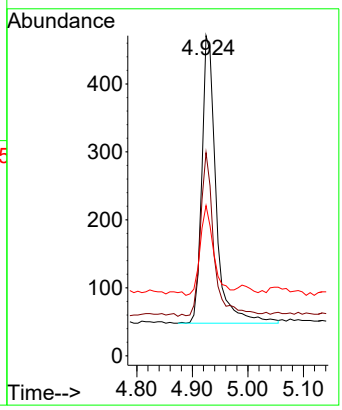


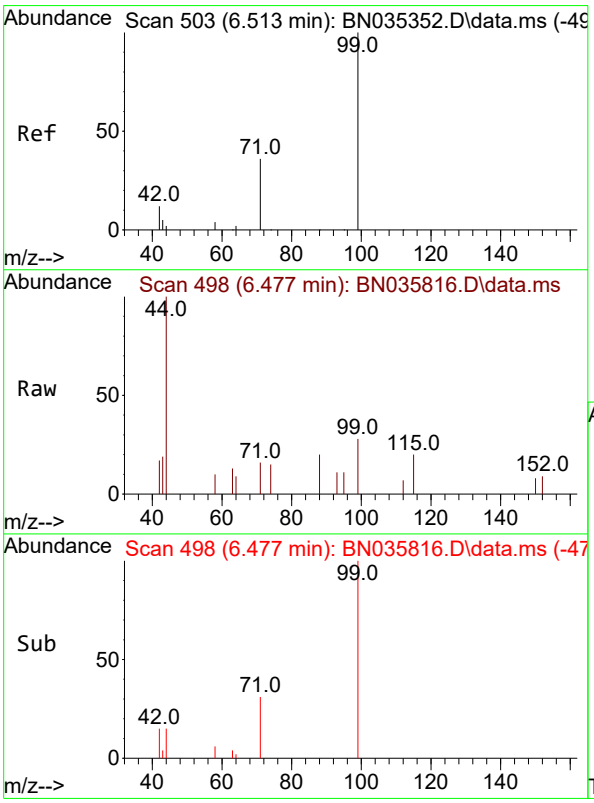
#4
2-Fluorophenol
Concen: 0.092 ng
RT: 4.924 min Scan# 2
Delta R.T. -0.015 min
Lab File: BN035816.D
Acq: 24 Dec 2024 11:57

Instrument :
BNA_N
ClientSampleId :
RE115D2-20241218

Tgt Ion:112 Resp: 753

Ion	Ratio	Lower	Upper
112	100		
64	53.0	39.8	59.8
63	29.3	21.0	31.6

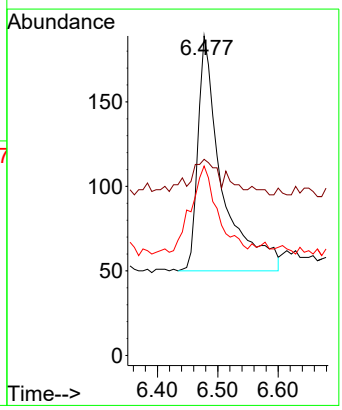


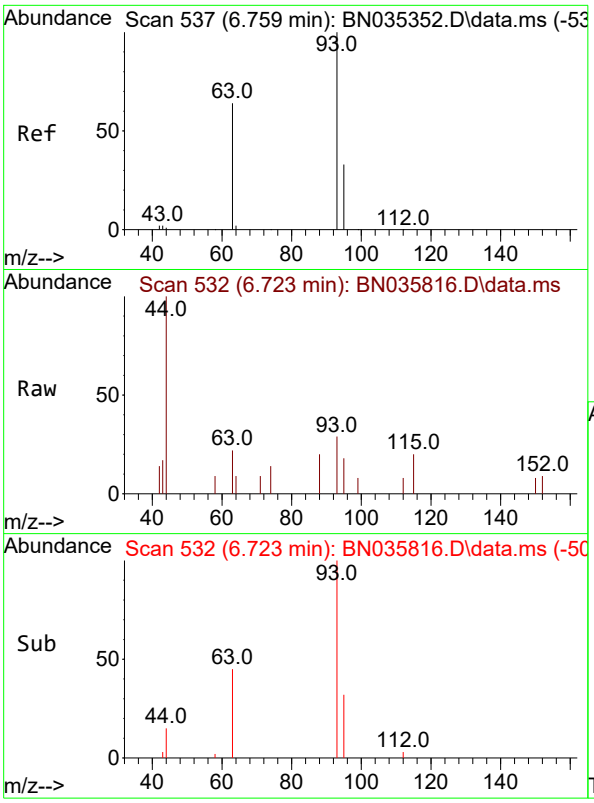


#5
Phenol-d6
Concen: 0.039 ng
RT: 6.477 min Scan# 498
Delta R.T. -0.015 min
Lab File: BN035816.D
Acq: 24 Dec 2024 11:57

Tgt Ion: 99 Resp: 383

Ion	Ratio	Lower	Upper
99	100		
42	13.8	11.4	17.2
71	44.4	29.3	43.9#



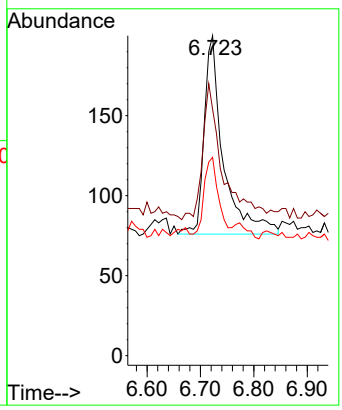


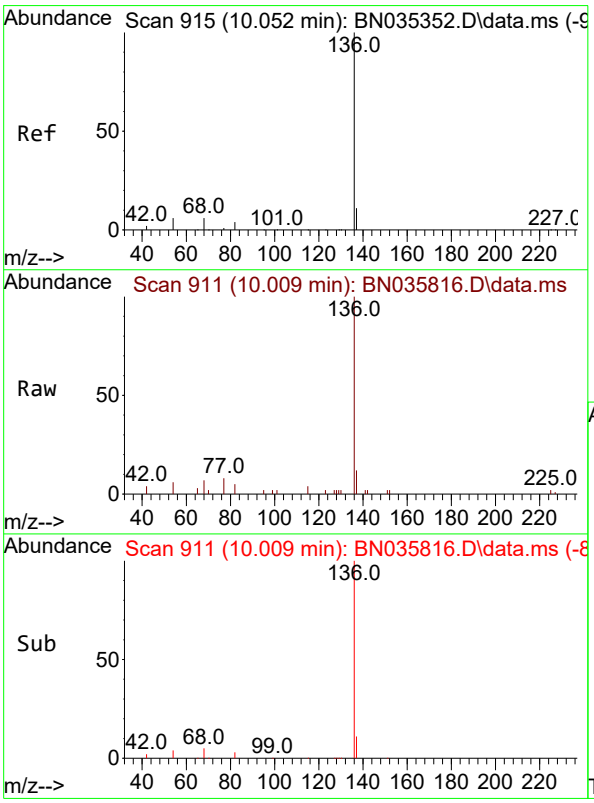
#6
bis(2-Chloroethyl)ether
Concen: 0.037 ng
RT: 6.723 min Scan# 5
Delta R.T. -0.007 min
Lab File: BN035816.D
Acq: 24 Dec 2024 11:57

Instrument :
BNA_N
ClientSampleId :
RE115D2-20241218

Tgt Ion: 93 Resp: 310

Ion	Ratio	Lower	Upper
93	100		
63	70.6	50.4	75.6
95	31.3	25.7	38.5

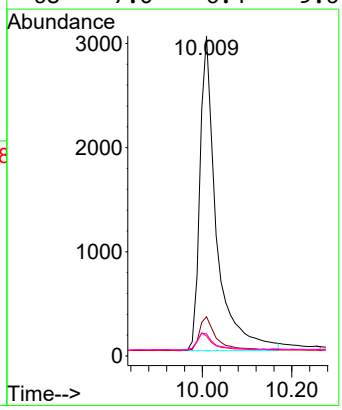


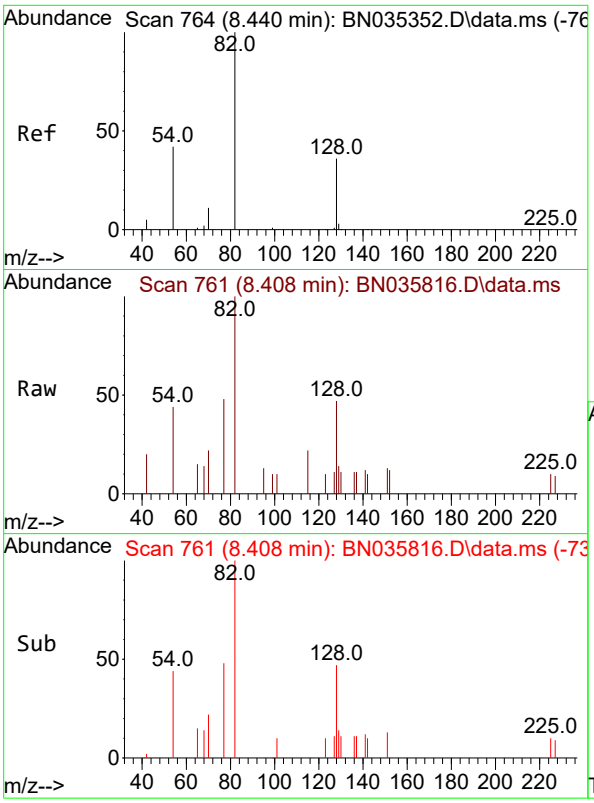


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.009 min Scan# 911
Delta R.T. -0.011 min
Lab File: BN035816.D
Acq: 24 Dec 2024 11:57

Tgt Ion:136 Resp: 7772

Ion	Ratio	Lower	Upper
136	100		
137	12.2	10.2	15.2
54	6.3	6.1	9.1
68	7.0	6.4	9.6



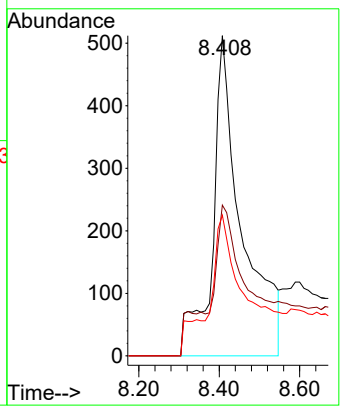


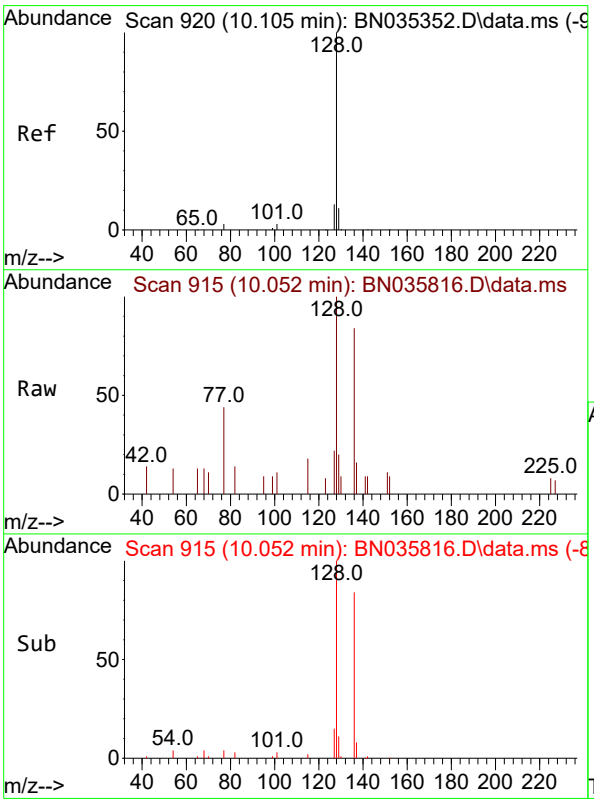
#8
Nitrobenzene-d5
Concen: 0.527 ng
RT: 8.408 min Scan# 7
Delta R.T. -0.000 min
Lab File: BN035816.D
Acq: 24 Dec 2024 11:57

Instrument :
BNA_N
ClientSampleId :
RE115D2-20241218

Tgt Ion: 82 Resp: 2504

Ion	Ratio	Lower	Upper
82	100		
128	47.1	33.4	50.0
54	43.9	36.7	55.1

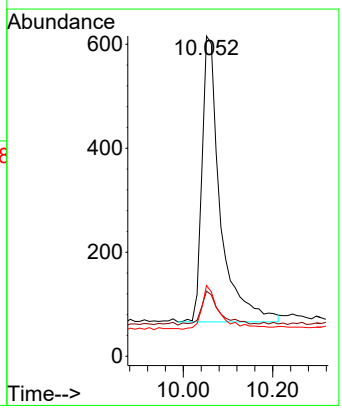


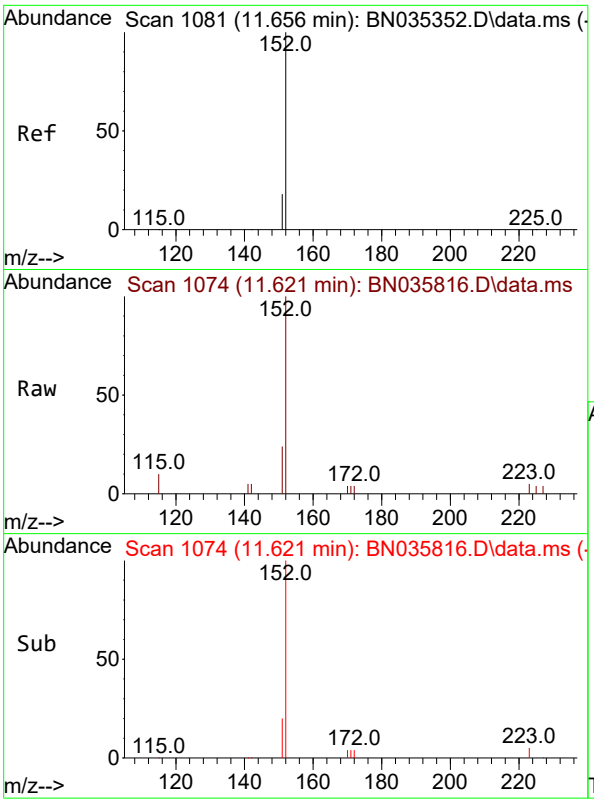


#9
Naphthalene
Concen: 0.076 ng
RT: 10.052 min Scan# 915
Delta R.T. -0.011 min
Lab File: BN035816.D
Acq: 24 Dec 2024 11:57

Tgt Ion:128 Resp: 1561

Ion	Ratio	Lower	Upper
128	100		
129	20.3	9.8	14.6#
127	22.1	11.4	17.2#



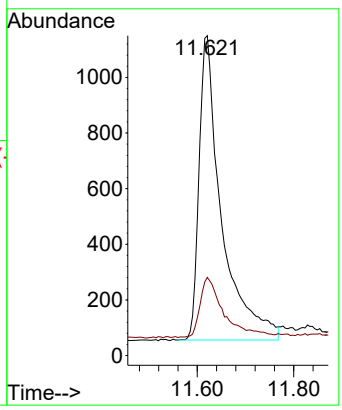


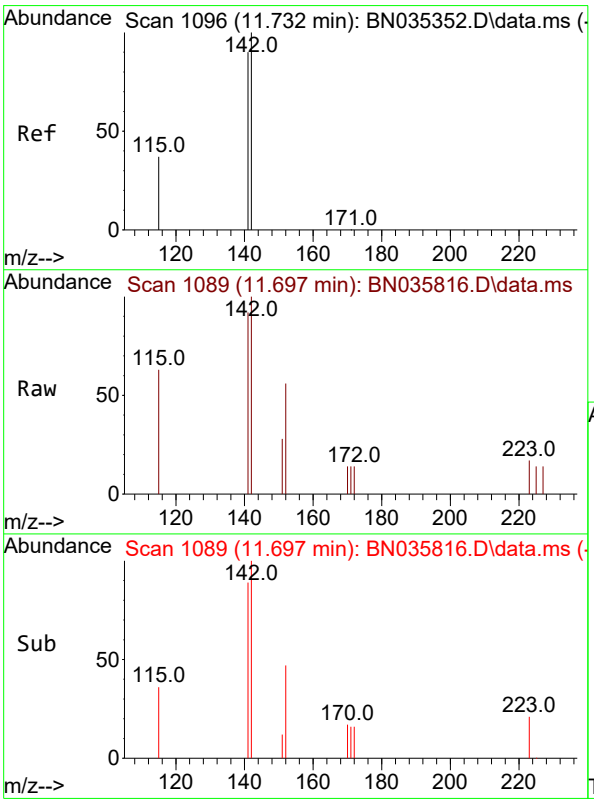
#11
2-Methylnaphthalene-d10
Concen: 0.291 ng
RT: 11.621 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN035816.D
Acq: 24 Dec 2024 11:57

Instrument :
BNA_N
ClientSampleId :
RE115D2-20241218

Tgt Ion:152 Resp: 3538

Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.6	25.0

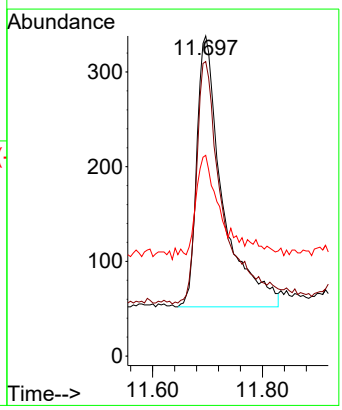


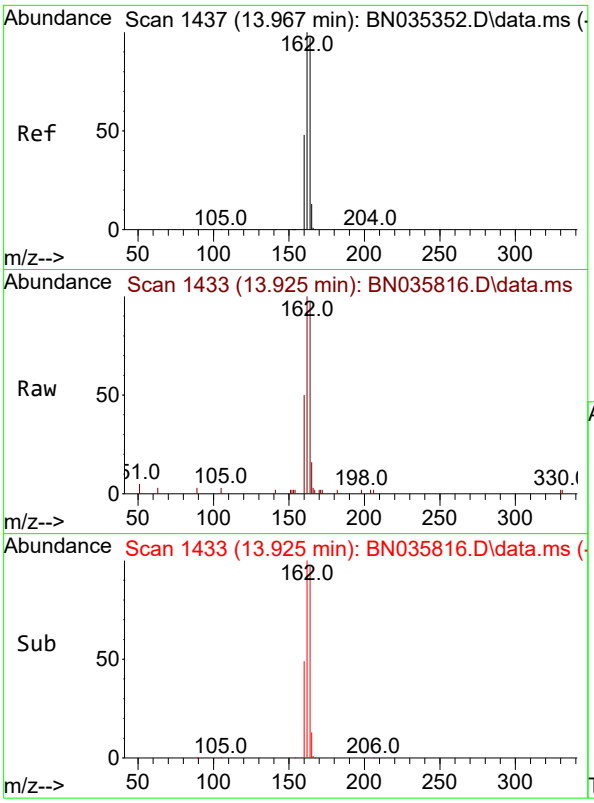


#12
2-Methylnaphthalene
Concen: 0.064 ng
RT: 11.697 min Scan# 1089
Delta R.T. -0.000 min
Lab File: BN035816.D
Acq: 24 Dec 2024 11:57

Tgt Ion:142 Resp: 932

Ion	Ratio	Lower	Upper
142	100		
141	92.0	72.2	108.4
115	62.7	31.4	47.0#



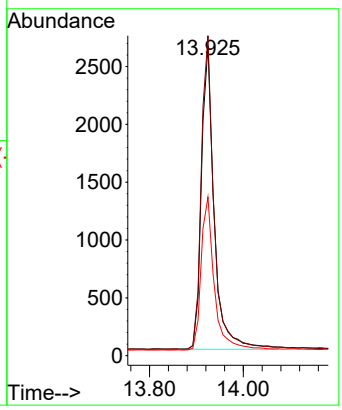


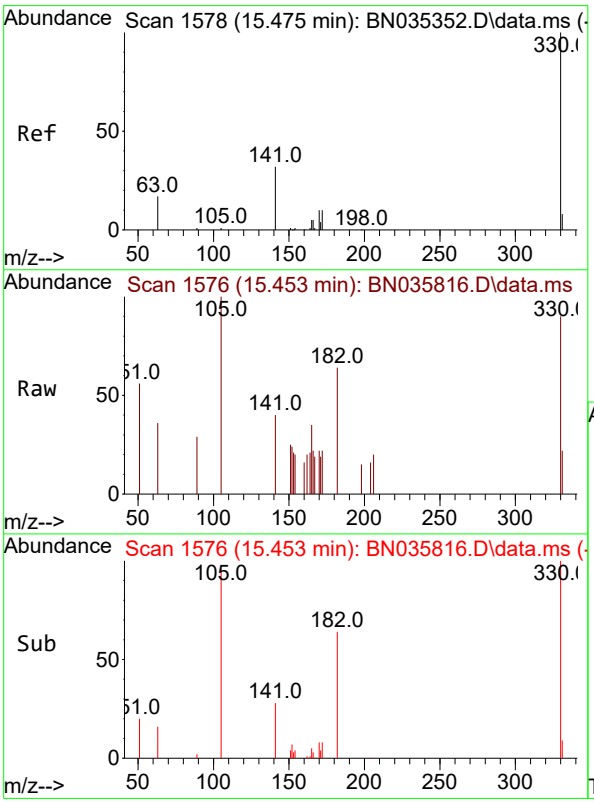
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.925 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN035816.D
Acq: 24 Dec 2024 11:57

Instrument :
BNA_N
ClientSampleId :
RE115D2-20241218

Tgt Ion:164 Resp: 4979

Ion	Ratio	Lower	Upper
164	100		
162	103.3	82.2	123.2
160	51.2	40.1	60.1

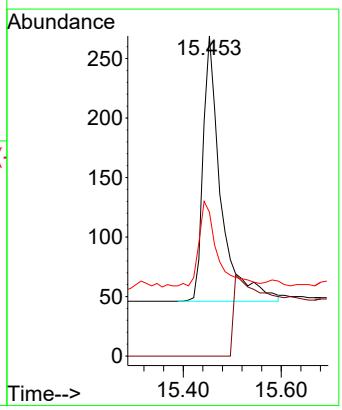


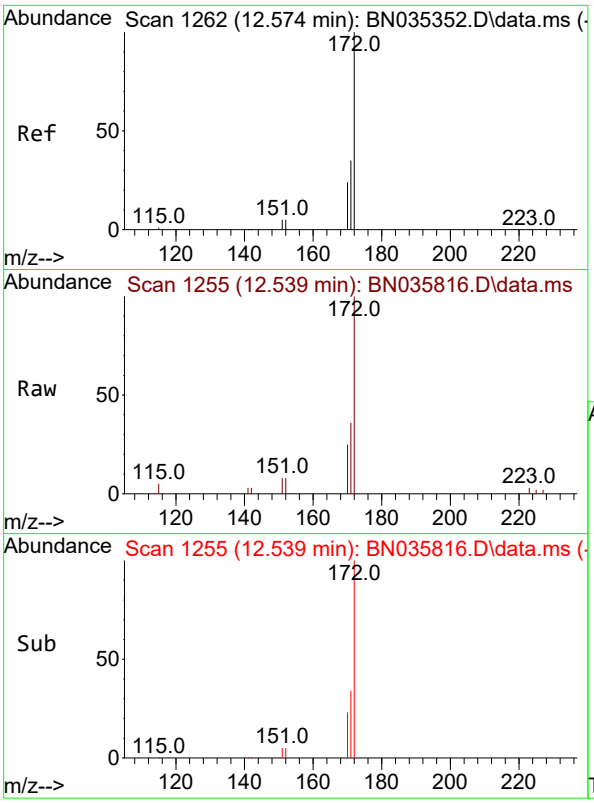


#14
2,4,6-Tribromophenol
Concen: 0.166 ng
RT: 15.453 min Scan# 1576
Delta R.T. -0.000 min
Lab File: BN035816.D
Acq: 24 Dec 2024 11:57

Tgt Ion:330 Resp: 586

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	31.6	26.6	40.0



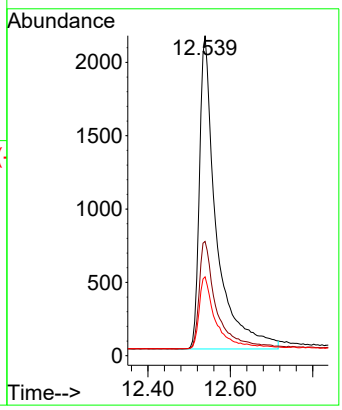


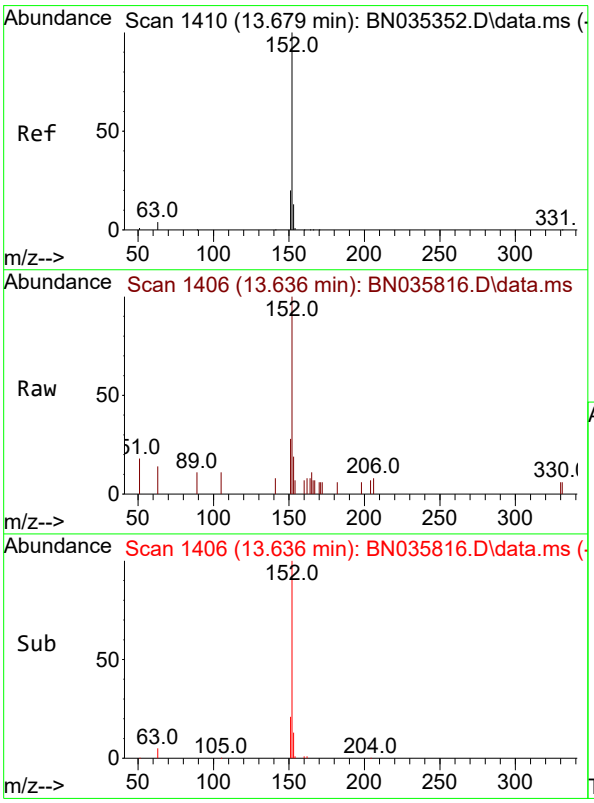
#15
2-Fluorobiphenyl
Concen: 0.325 ng
RT: 12.539 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN035816.D
Acq: 24 Dec 2024 11:57

Instrument :
BNA_N
ClientSampleId :
RE115D2-20241218

Tgt Ion:172 Resp: 6110

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.0	43.4
170	24.7	19.8	29.8

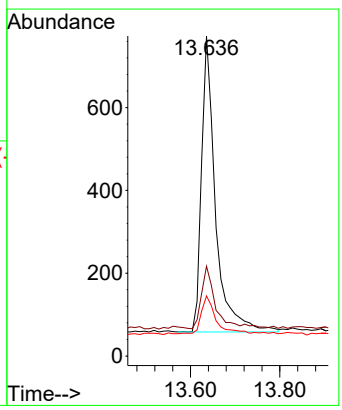


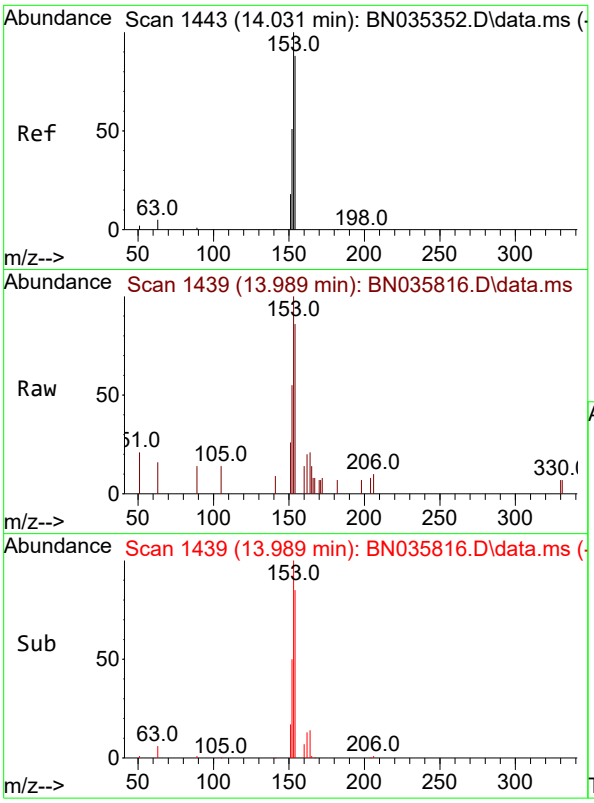


#16
Acenaphthylene
Concen: 0.074 ng
RT: 13.636 min Scan# 1406
Delta R.T. -0.011 min
Lab File: BN035816.D
Acq: 24 Dec 2024 11:57

Tgt Ion:152 Resp: 1554

Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.2	24.2
153	13.4	10.4	15.6



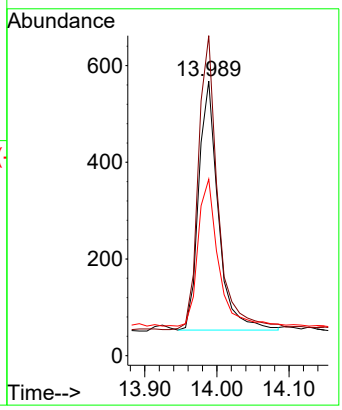


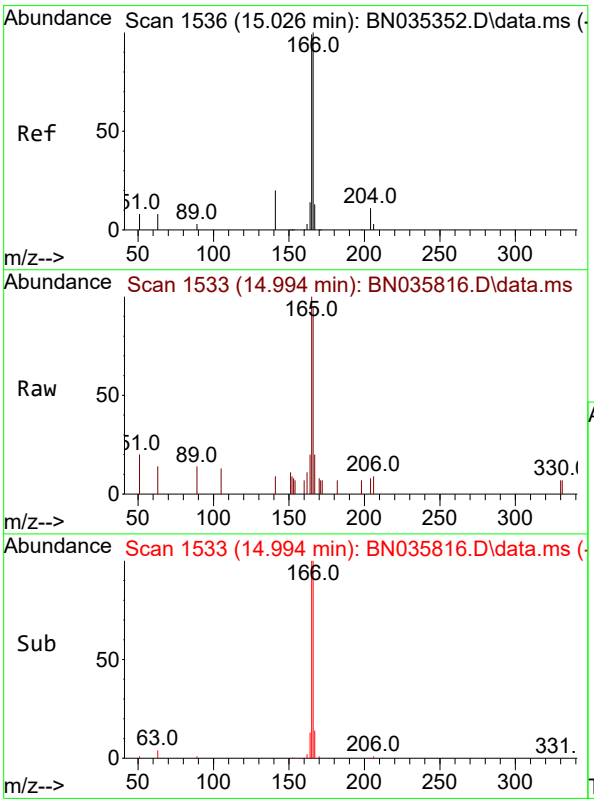
#17
Acenaphthene
Concen: 0.070 ng
RT: 13.989 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN035816.D
Acq: 24 Dec 2024 11:57

Instrument :
BNA_N
ClientSampleId :
RE115D2-20241218

Tgt Ion:154 Resp: 972

Ion	Ratio	Lower	Upper
154	100		
153	119.9	92.6	139.0
152	61.5	49.0	73.6

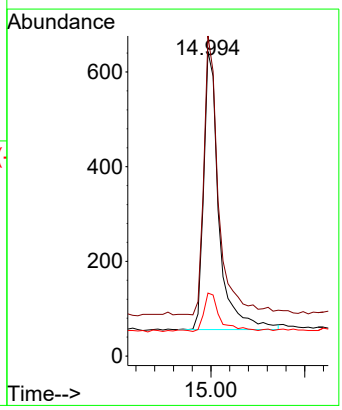


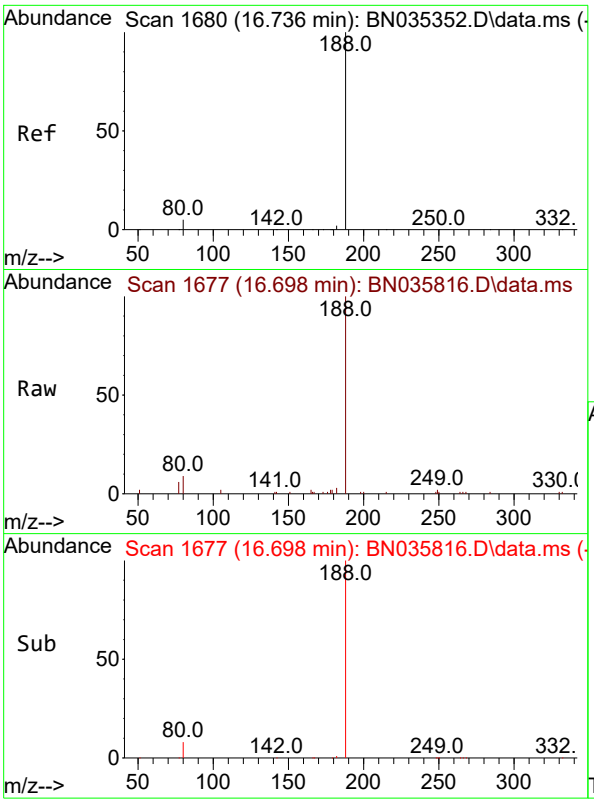


#18
Fluorene
Concen: 0.066 ng
RT: 14.994 min Scan# 1533
Delta R.T. -0.011 min
Lab File: BN035816.D
Acq: 24 Dec 2024 11:57

Tgt Ion:166 Resp: 1321

Ion	Ratio	Lower	Upper
166	100		
165	97.3	79.7	119.5
167	14.5	10.8	16.2



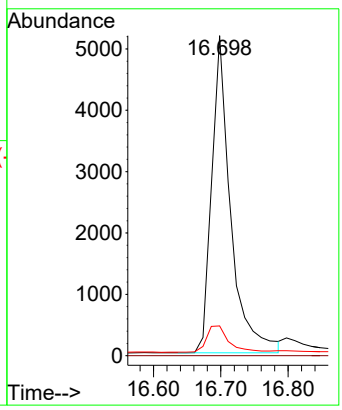


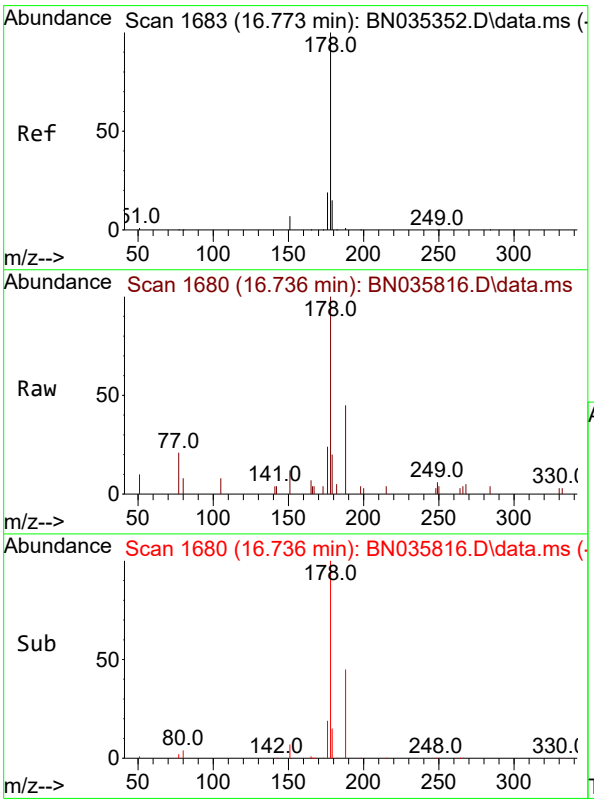
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.698 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN035816.D
Acq: 24 Dec 2024 11:57

Instrument :
BNA_N
ClientSampleId :
RE115D2-20241218

Tgt Ion:188 Resp: 10106

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.3	4.6	6.8#

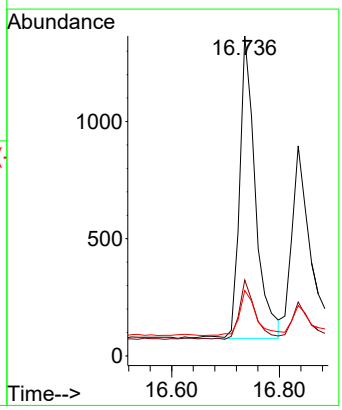


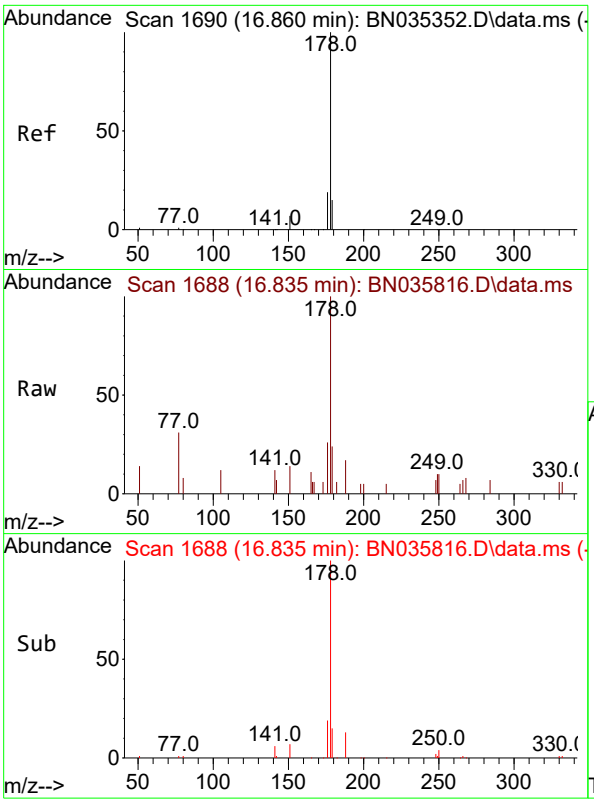


#25
Phenanthrene
Concen: 0.094 ng
RT: 16.736 min Scan# 1680
Delta R.T. -0.013 min
Lab File: BN035816.D
Acq: 24 Dec 2024 11:57

Tgt Ion:178 Resp: 2623

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.2
179	15.7	12.3	18.5



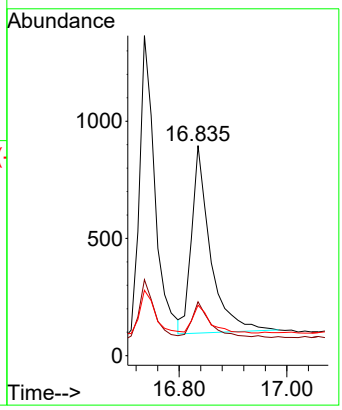


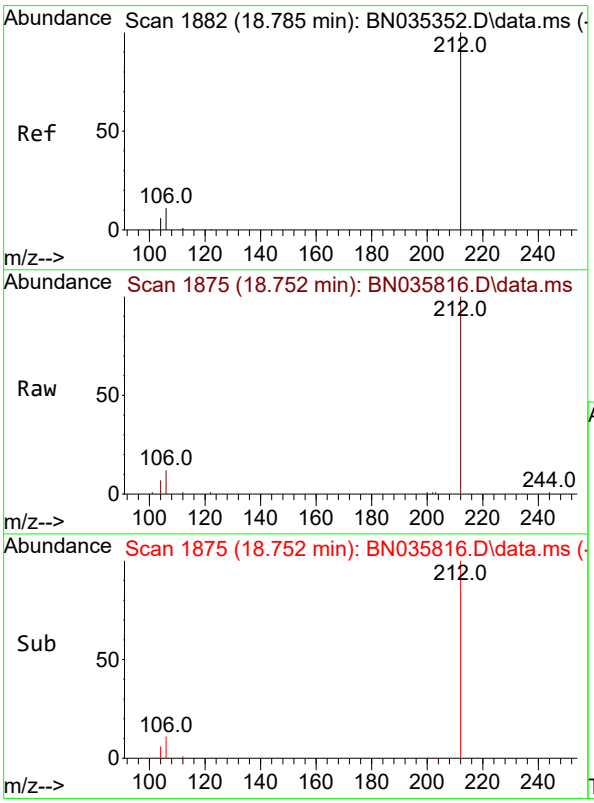
#26
Anthracene
Concen: 0.077 ng
RT: 16.835 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN035816.D
Acq: 24 Dec 2024 11:57

Instrument :
BNA_N
ClientSampleId :
RE115D2-20241218

Tgt Ion:178 Resp: 1938

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.0	22.6
179	14.3	12.6	18.8

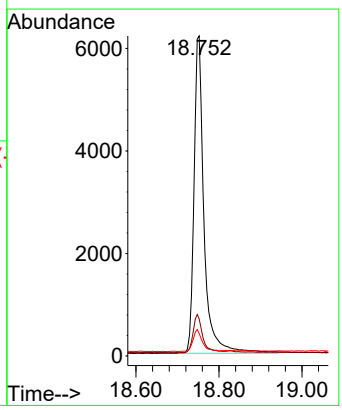


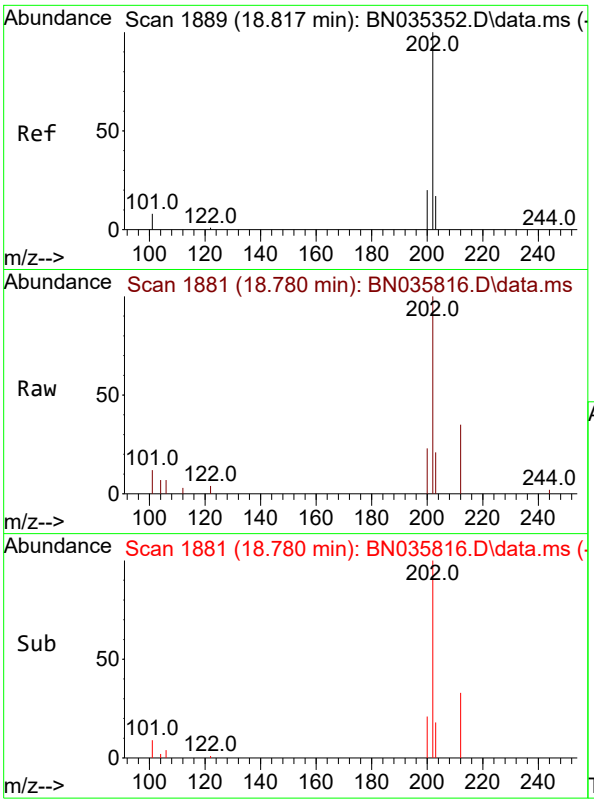


#27
Fluoranthene-d10
Concen: 0.363 ng
RT: 18.752 min Scan# 1875
Delta R.T. -0.009 min
Lab File: BN035816.D
Acq: 24 Dec 2024 11:57

Tgt Ion:212 Resp: 10407

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



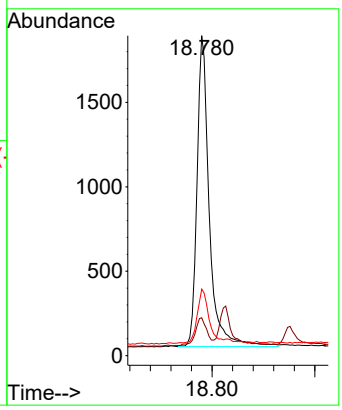


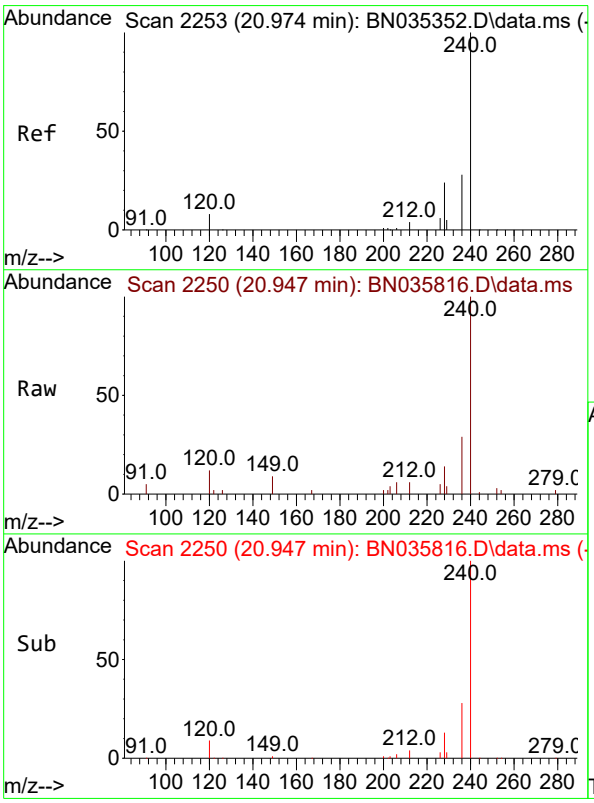
#28
Fluoranthene
Concen: 0.082 ng
RT: 18.780 min Scan# 1
Delta R.T. -0.009 min
Lab File: BN035816.D
Acq: 24 Dec 2024 11:57

Instrument :
BNA_N
ClientSampleId :
RE115D2-20241218

Tgt Ion:202 Resp: 3054

Ion	Ratio	Lower	Upper
202	100		
101	8.8	7.4	11.0
203	16.4	13.7	20.5

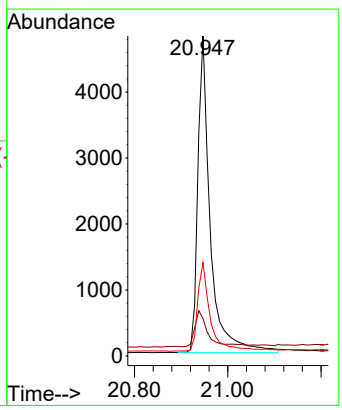


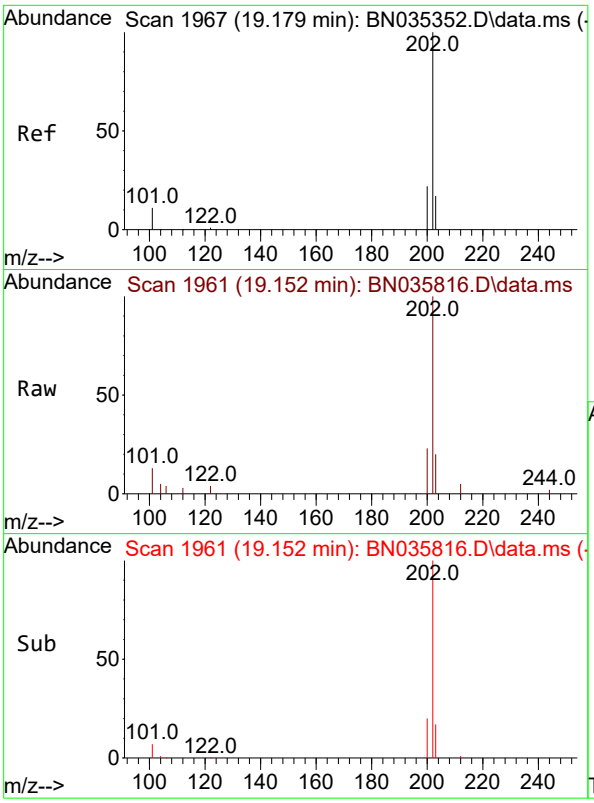


#29
Chrysene-d12
Concen: 0.400 ng
RT: 20.947 min Scan# 2250
Delta R.T. -0.009 min
Lab File: BN035816.D
Acq: 24 Dec 2024 11:57

Tgt Ion:240 Resp: 8871

Ion	Ratio	Lower	Upper
240	100		
120	11.7	7.9	11.9
236	29.2	22.9	34.3



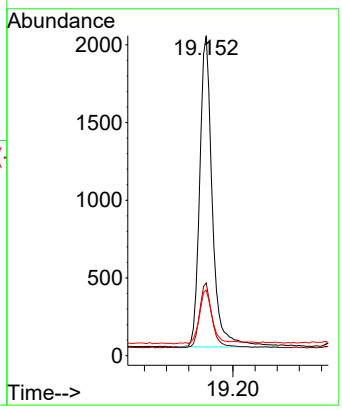


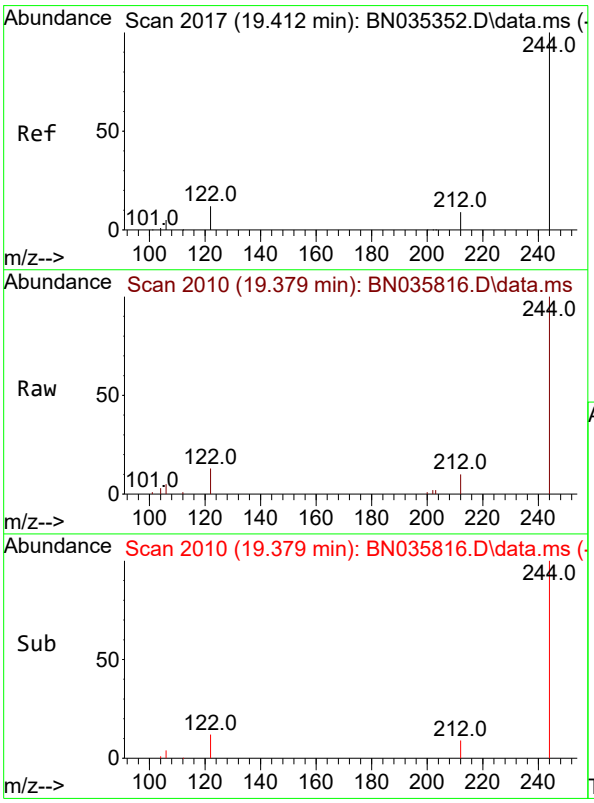
#30
Pyrene
Concen: 0.097 ng
RT: 19.152 min Scan# 1
Delta R.T. -0.009 min
Lab File: BN035816.D
Acq: 24 Dec 2024 11:57

Instrument :
BNA_N
ClientSampleId :
RE115D2-20241218

Tgt Ion:202 Resp: 3188

Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.0	25.4
203	17.3	14.3	21.5

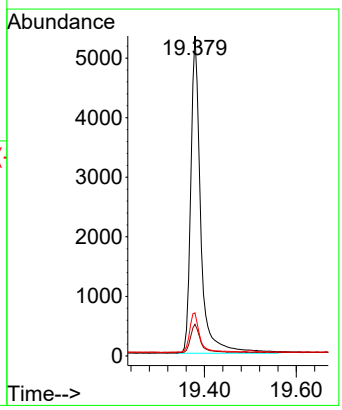


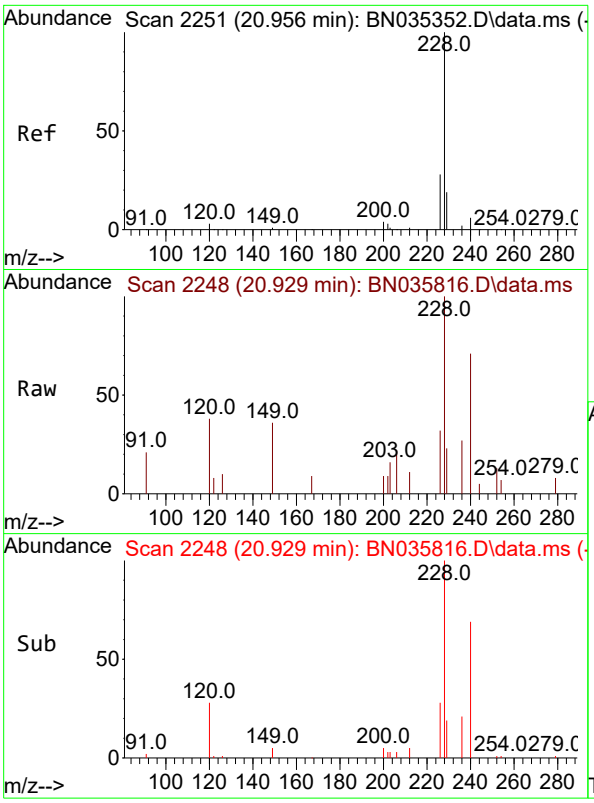


#31
Terphenyl-d14
Concen: 0.459 ng
RT: 19.379 min Scan# 2010
Delta R.T. -0.009 min
Lab File: BN035816.D
Acq: 24 Dec 2024 11:57

Tgt Ion:244 Resp: 8030

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



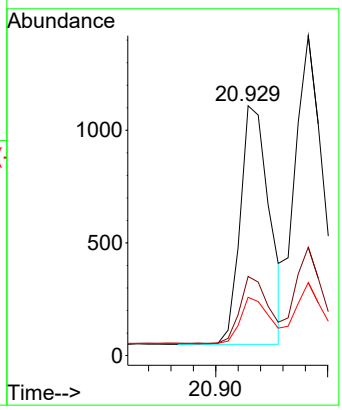


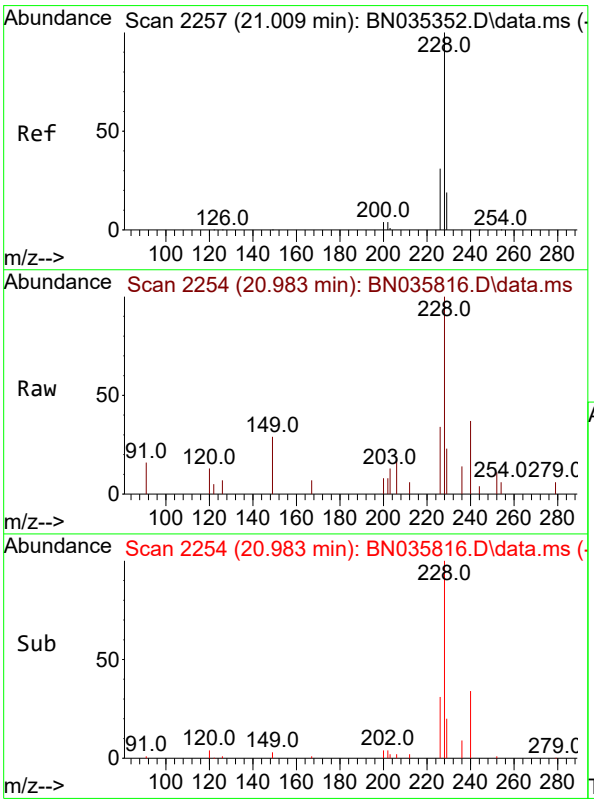
#32
Benzo(a)anthracene
Concen: 0.062 ng
RT: 20.929 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN035816.D
Acq: 24 Dec 2024 11:57

Instrument :
BNA_N
ClientSampleId :
RE115D2-20241218

Tgt Ion:228 Resp: 1910

Ion	Ratio	Lower	Upper
228	100		
226	31.7	22.5	33.7
229	23.4	15.8	23.8

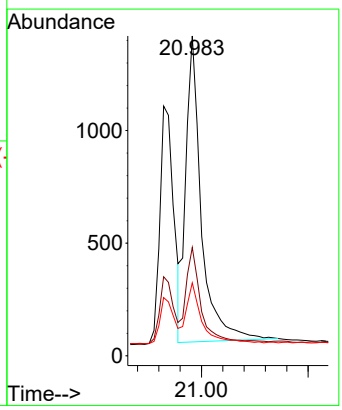


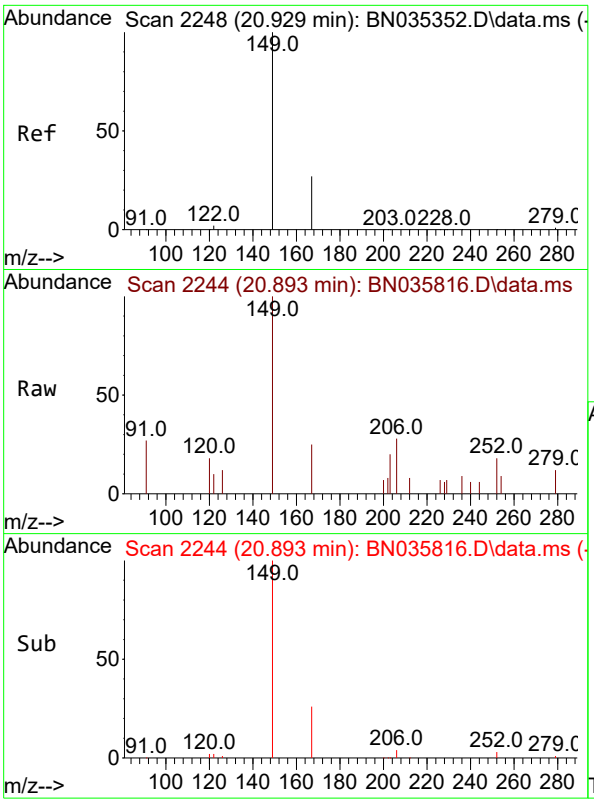


#33
Chrysene
Concen: 0.086 ng
RT: 20.983 min Scan# 2254
Delta R.T. -0.009 min
Lab File: BN035816.D
Acq: 24 Dec 2024 11:57

Tgt Ion:228 Resp: 2737

Ion	Ratio	Lower	Upper
228	100		
226	33.9	24.6	37.0
229	22.8	15.9	23.9



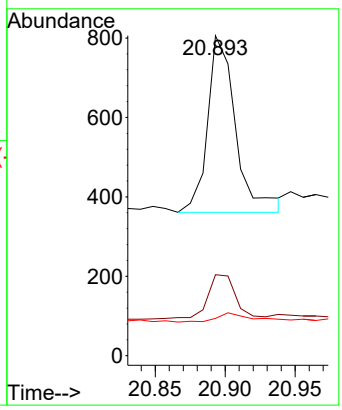


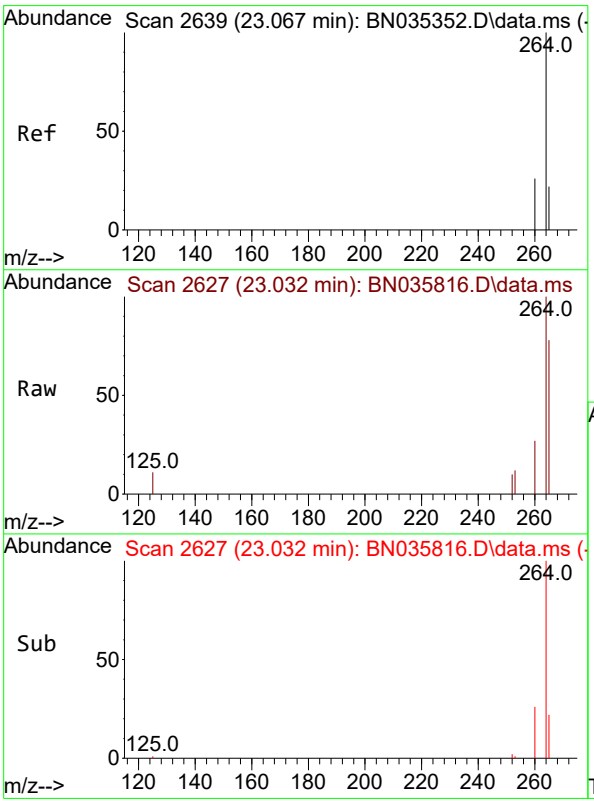
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.051 ng
RT: 20.893 min Scan# 2
Delta R.T. -0.018 min
Lab File: BN035816.D
Acq: 24 Dec 2024 11:57

Instrument :
BNA_N
ClientSampleId :
RE115D2-20241218

Tgt Ion:149 Resp: 623

Ion	Ratio	Lower	Upper
149	100		
167	24.7	22.2	33.4
279	6.7	2.7	4.1#

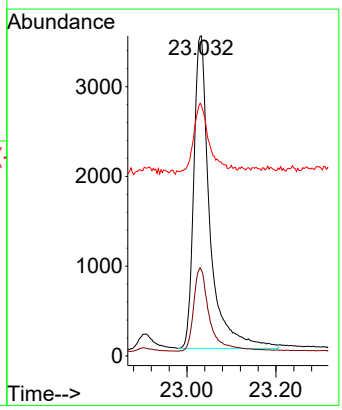


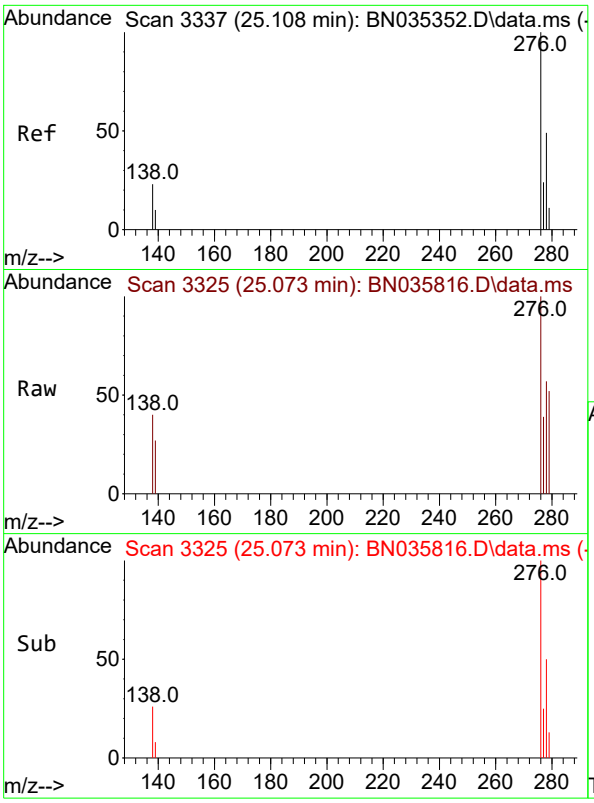


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.032 min Scan# 2627
Delta R.T. -0.009 min
Lab File: BN035816.D
Acq: 24 Dec 2024 11:57

Tgt Ion:264 Resp: 8758

Ion	Ratio	Lower	Upper
264	100		
260	26.8	21.4	32.2
265	78.4	40.2	60.4#



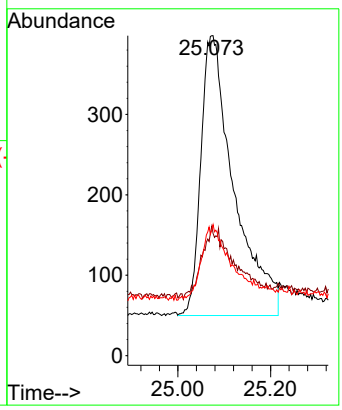


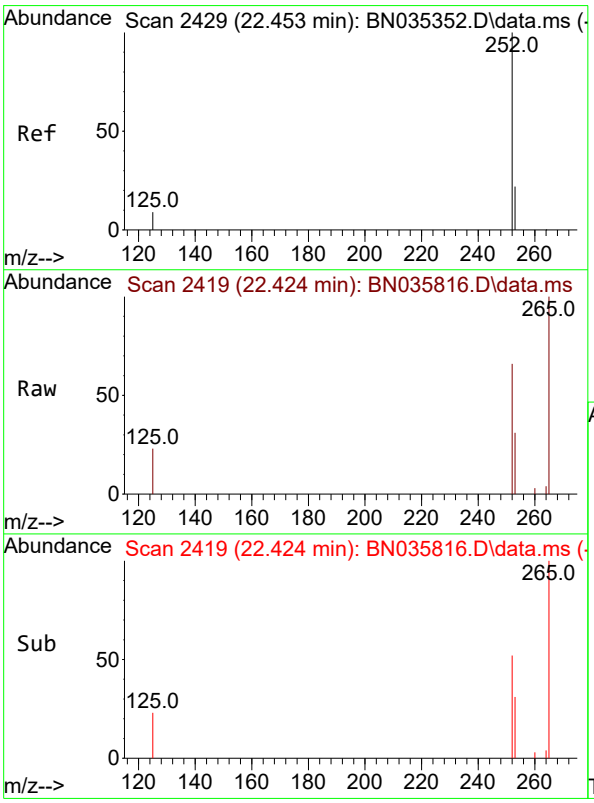
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.050 ng
RT: 25.073 min Scan# 3
Delta R.T. 0.006 min
Lab File: BN035816.D
Acq: 24 Dec 2024 11:57

Instrument :
BNA_N
ClientSampleId :
RE115D2-20241218

Tgt Ion:276 Resp: 1728

Ion	Ratio	Lower	Upper
276	100		
138	10.1	19.4	29.0#
277	7.3	19.8	29.6#

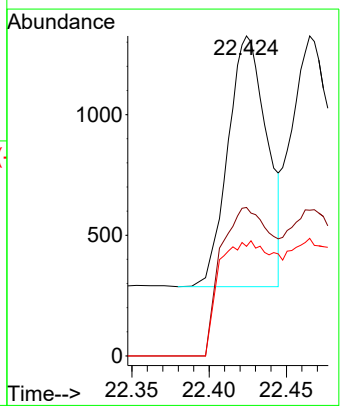


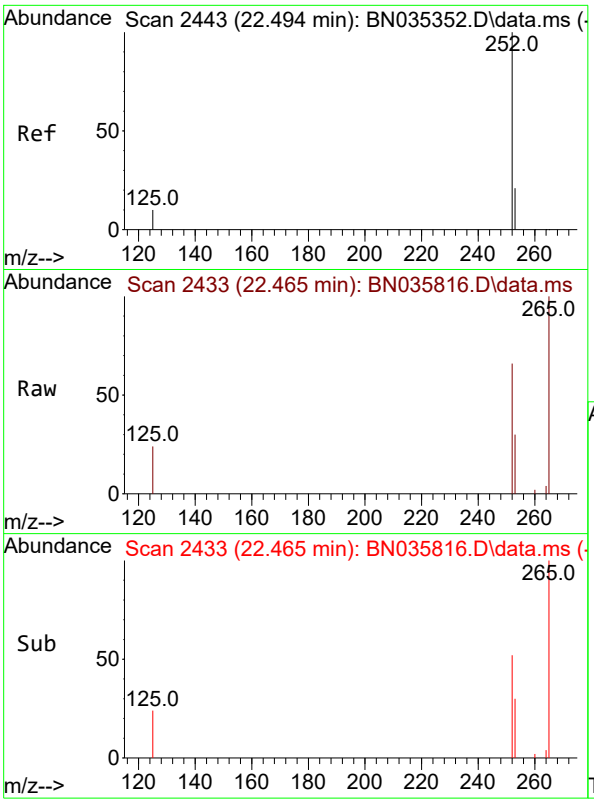


#37
Benzo(b)fluoranthene
Concen: 0.076 ng
RT: 22.424 min Scan# 2419
Delta R.T. -0.006 min
Lab File: BN035816.D
Acq: 24 Dec 2024 11:57

Tgt Ion:252 Resp: 2429

Ion	Ratio	Lower	Upper
252	100		
253	46.4	19.6	29.4#
125	34.2	9.6	14.4#



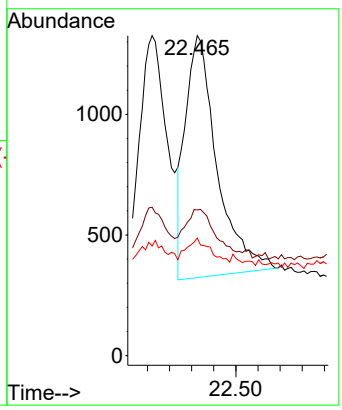


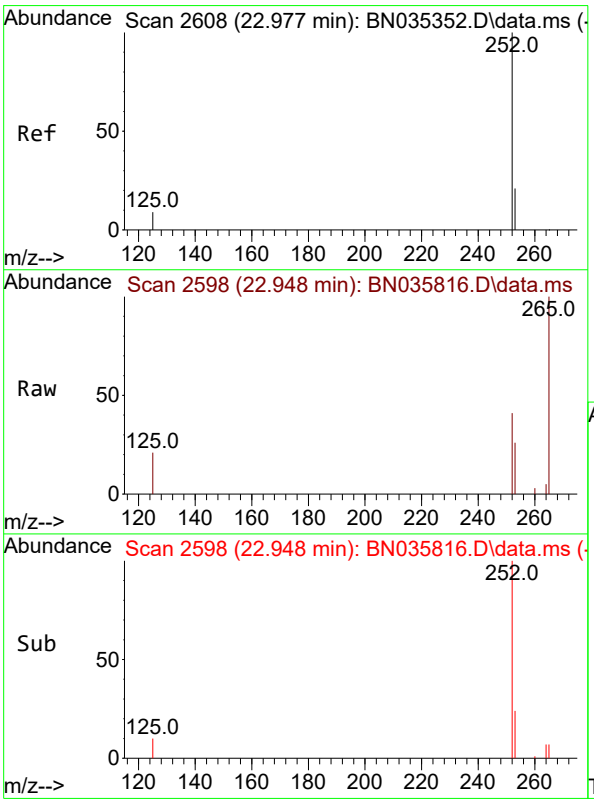
#38
Benzo(k)fluoranthene
Concen: 0.063 ng
RT: 22.465 min Scan# 24
Delta R.T. -0.006 min
Lab File: BN035816.D
Acq: 24 Dec 2024 11:57

Instrument :
BNA_N
ClientSampleId :
RE115D2-20241218

Tgt Ion:252 Resp: 1987

Ion	Ratio	Lower	Upper
252	100		
253	45.6	19.5	29.3#
125	36.7	10.2	15.4#

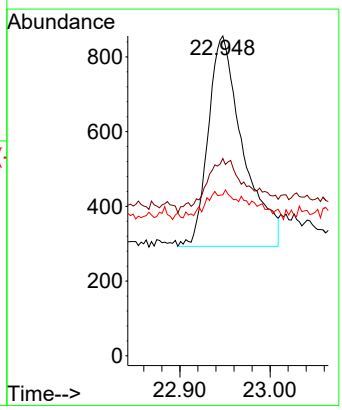


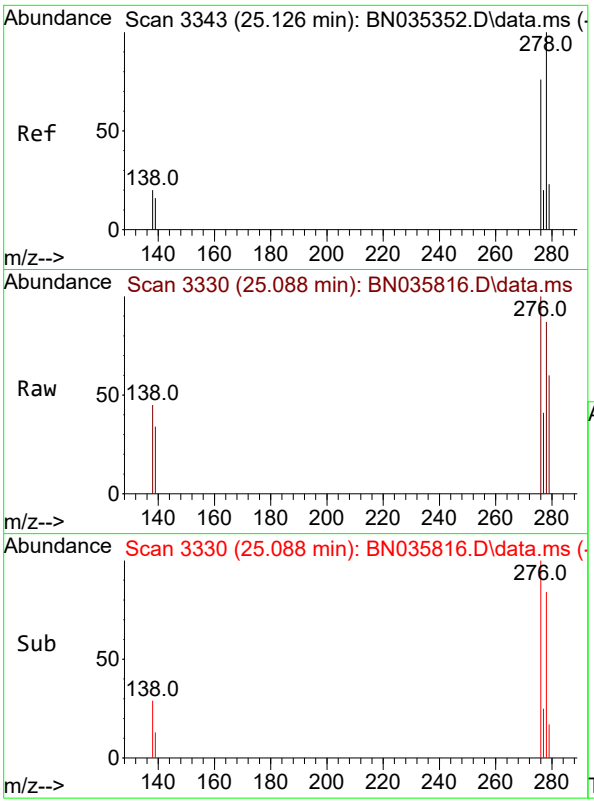


#39
Benzo(a)pyrene
Concen: 0.057 ng
RT: 22.948 min Scan# 2598
Delta R.T. -0.003 min
Lab File: BN035816.D
Acq: 24 Dec 2024 11:57

Tgt Ion:252 Resp: 1503

Ion	Ratio	Lower	Upper
252	100		
253	61.7	20.2	30.4#
125	50.4	10.9	16.3#



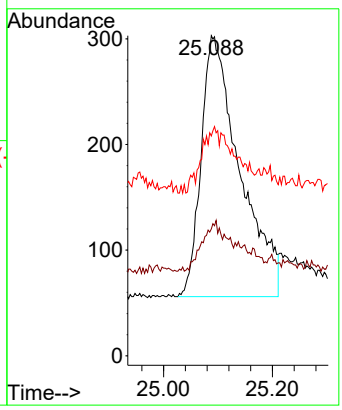


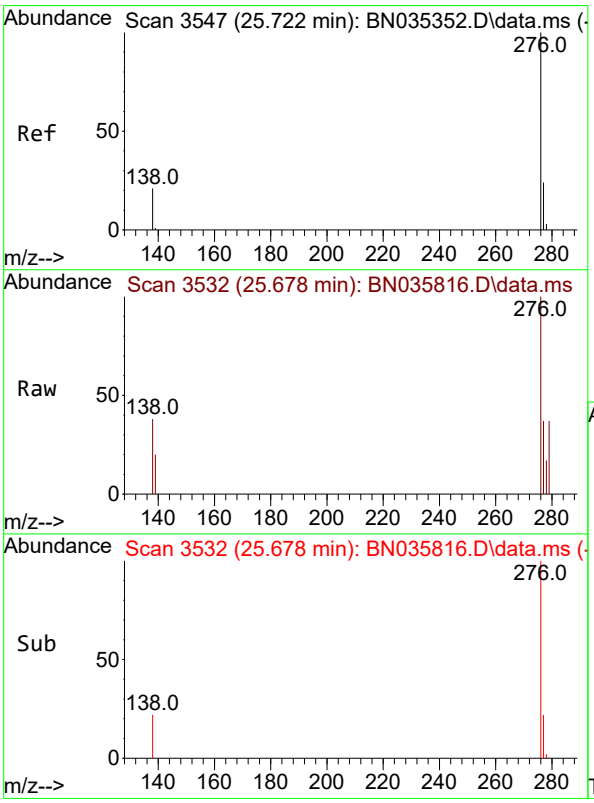
#40
Dibenzo(a,h)anthracene
Concen: 0.045 ng
RT: 25.088 min Scan# 3
Delta R.T. 0.006 min
Lab File: BN035816.D
Acq: 24 Dec 2024 11:57

Instrument :
BNA_N
ClientSampleId :
RE115D2-20241218

Tgt Ion:278 Resp: 1220

Ion	Ratio	Lower	Upper
278	100		
139	39.6	14.2	21.4#
279	68.6	20.5	30.7#





#41
Benzo(g,h,i)perylene
Concen: 0.051 ng
RT: 25.678 min Scan# 3532
Delta R.T. -0.000 min
Lab File: BN035816.D
Acq: 24 Dec 2024 11:57

Tgt Ion:276 Resp: 1434

Ion	Ratio	Lower	Upper
276	100		
277	37.3	19.9	29.9#
138	37.8	17.8	26.8#