Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100924\
Data File : BN034515.D
Acq On : 09 Oct 2024 21:38
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 88 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Oct 10 01:47:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 26 14:44:02 2024
Response via : Initial Calibration

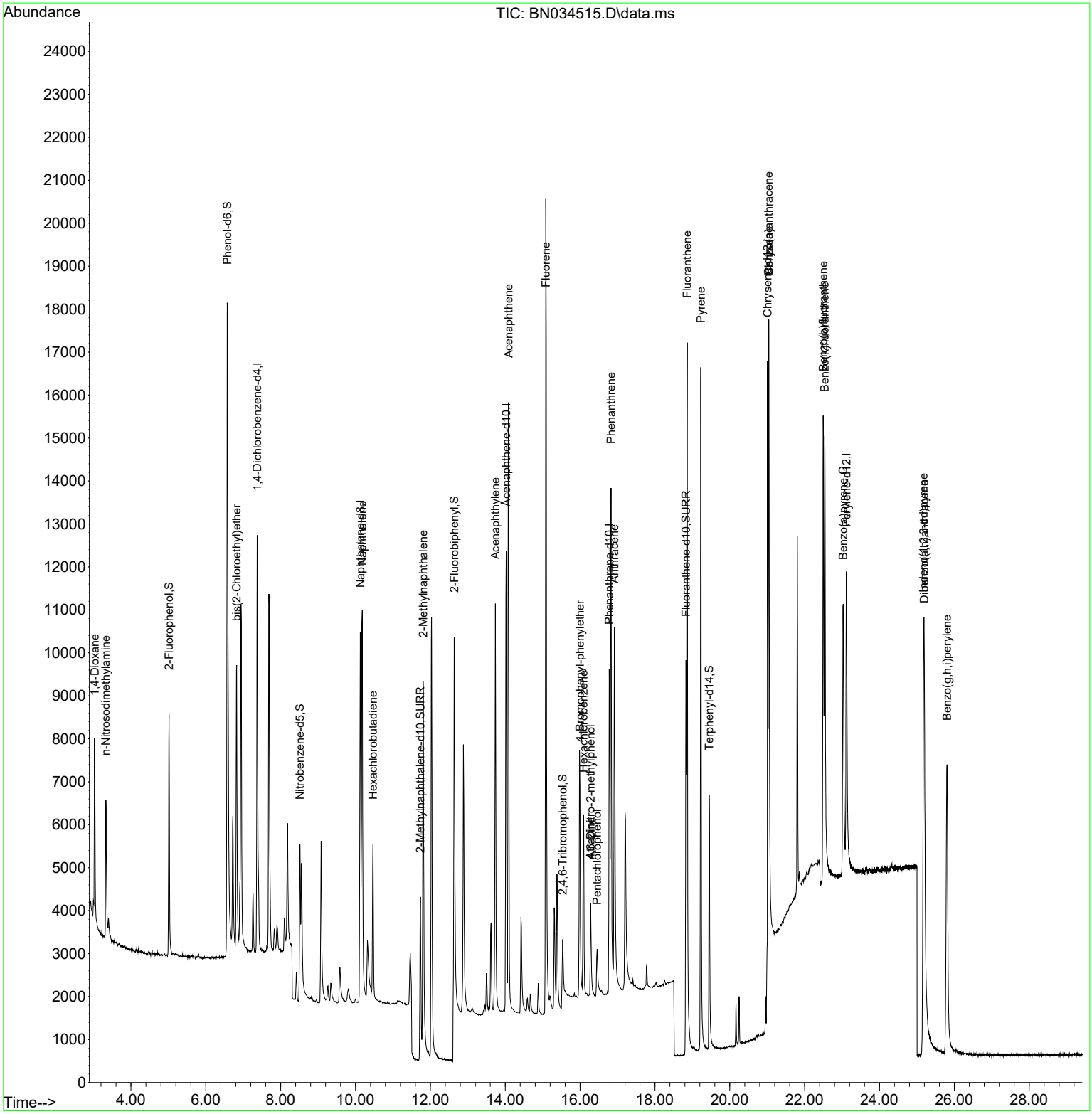
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.373	152	4904	0.400	ng		-0.02
7) Naphthalene-d8	10.127	136	13200	0.400	ng		-0.02
13) Acenaphthene-d10	14.026	164	7082	0.400	ng		-0.02
19) Phenanthrene-d10	16.778	188	13531	0.400	ng		#-0.02
29) Chrysene-d12	21.006	240	8306	0.400	ng		0.00
35) Perylene-d12	23.116	264	10226	0.400	ng		#-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.018	112	4725	0.339	ng		-0.01
5) Phenol-d6	6.578	99	17733	1.095	ng		-0.02
8) Nitrobenzene-d5	8.514	82	3776	0.374	ng		-0.02
11) 2-Methylnaphthalene-d10	11.731	152	6816	0.350	ng		-0.02
14) 2,4,6-Tribromophenol	15.537	330	920	0.287	ng		-0.01
15) 2-Fluorobiphenyl	12.636	172	9565	0.332	ng		-0.02
27) Fluoranthene-d10	18.832	212	12210	0.358	ng		-0.01
31) Terphenyl-d14	19.449	244	7412	0.447	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.032	88	3206	0.523	ng		96
3) n-Nitrosodimethylamine	3.328	42	2172	0.311	ng	#	88
6) bis(2-Chloroethyl)ether	6.824	93	5296	0.370	ng		95
9) Naphthalene	10.180	128	13829	0.382	ng		100
10) Hexachlorobutadiene	10.468	225	3047	0.446	ng	#	98
12) 2-Methylnaphthalene	11.806	142	8296	0.352	ng		99
16) Acenaphthylene	13.737	152	10936	0.361	ng		100
17) Acenaphthene	14.090	154	8064	0.371	ng		98
18) Fluorene	15.084	166	9938	0.348	ng		99
20) 4,6-Dinitro-2-methylph...	16.281	198	81	0.170	ng	#	1
21) 4-Bromophenyl-phenylether	15.996	248	2873	0.378	ng		98
22) Hexachlorobenzene	16.095	284	3997	0.469	ng	#	89
23) Atrazine	16.281	200	2029	0.322	ng	#	95
24) Pentachlorophenol	16.455	266	899	0.319	ng		98
25) Phenanthrene	16.828	178	14067	0.362	ng		100
26) Anthracene	16.915	178	11257	0.355	ng		100
28) Fluoranthene	18.859	202	16037	0.356	ng		98
30) Pyrene	19.226	202	16840	0.480	ng		100
32) Benzo(a)anthracene	21.042	228	14335	0.546	ng		97
33) Chrysene	21.042	228	17330	0.553	ng		99
36) Indeno(1,2,3-cd)pyrene	25.181	276	15336	0.350	ng		95
37) Benzo(b)fluoranthene	22.497	252	13507	0.337	ng		96
38) Benzo(k)fluoranthene	22.538	252	15229	0.362	ng		95
39) Benzo(a)pyrene	23.029	252	11608	0.356	ng		94
40) Dibenzo(a,h)anthracene	25.195	278	11698	0.344	ng		96
41) Benzo(g,h,i)perylene	25.803	276	14375	0.376	ng		97

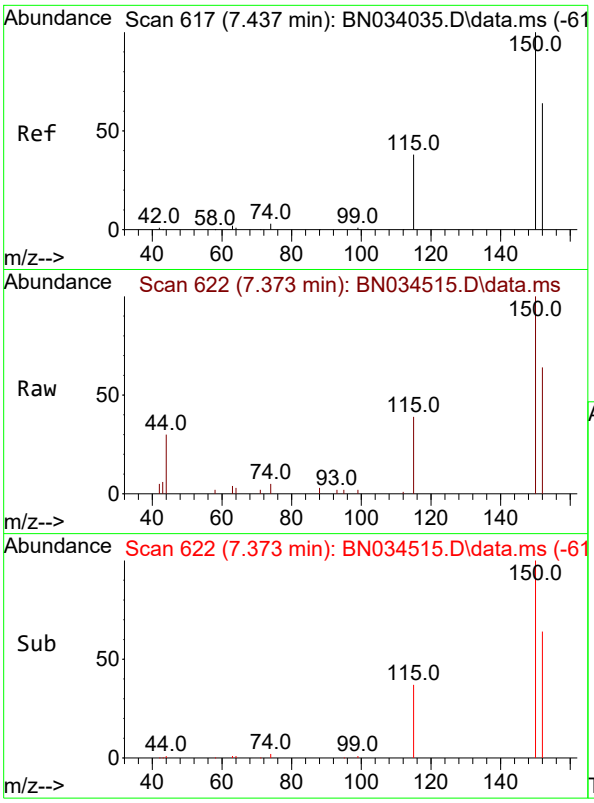
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100924\
Data File : BN034515.D
Acq On : 09 Oct 2024 21:38
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 88 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Oct 10 01:47:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 26 14:44:02 2024
Response via : Initial Calibration



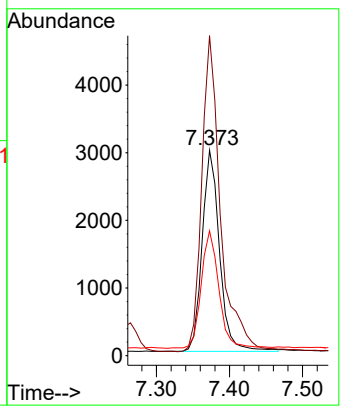


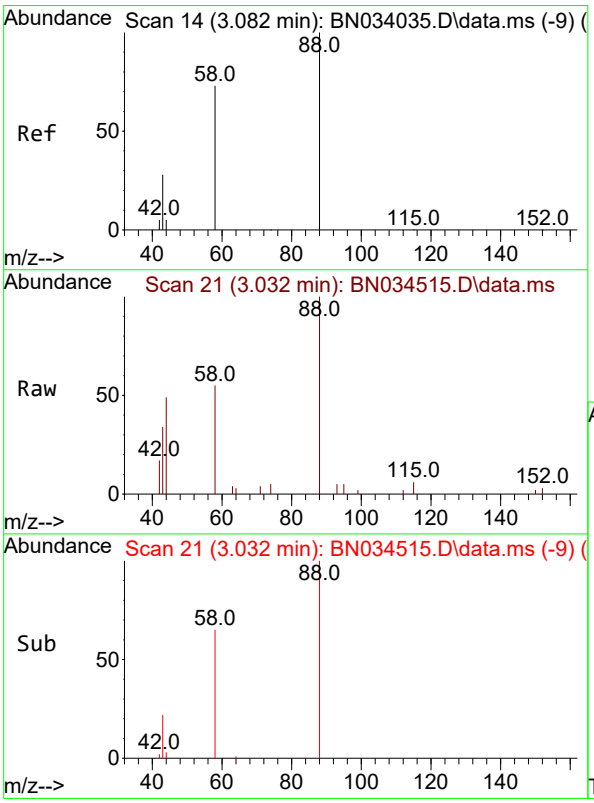
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.373 min Scan# 6
Delta R.T. -0.021 min
Lab File: BN034515.D
Acq: 09 Oct 2024 21:38

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 4904

Ion	Ratio	Lower	Upper
152	100		
150	155.8	124.6	187.0
115	60.8	50.0	75.0

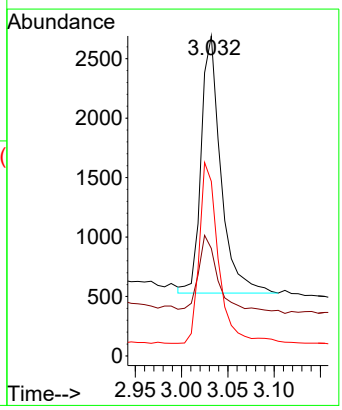


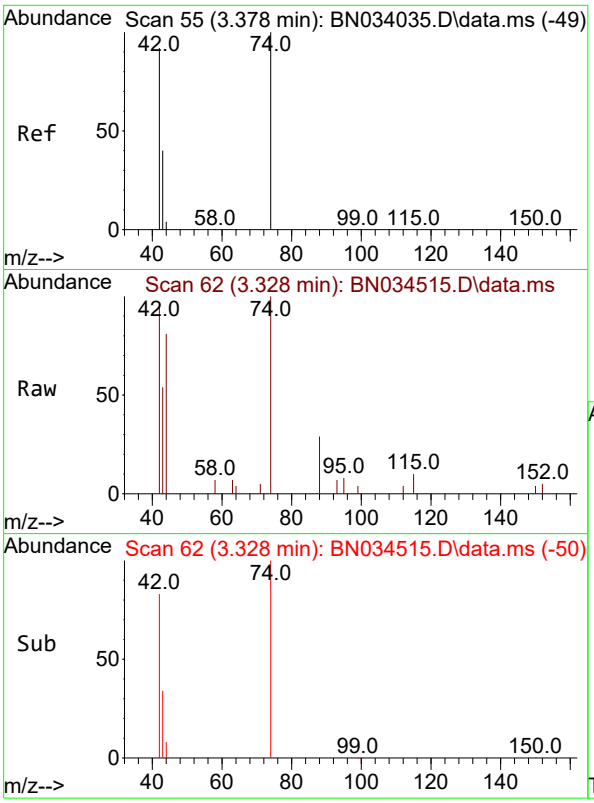


#2
1,4-Dioxane
Concen: 0.523 ng
RT: 3.032 min Scan# 21
Delta R.T. -0.014 min
Lab File: BN034515.D
Acq: 09 Oct 2024 21:38

Tgt Ion: 88 Resp: 3206

Ion	Ratio	Lower	Upper
88	100		
43	32.6	25.8	38.8
58	69.0	58.8	88.2



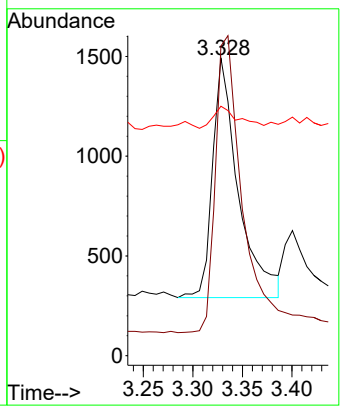


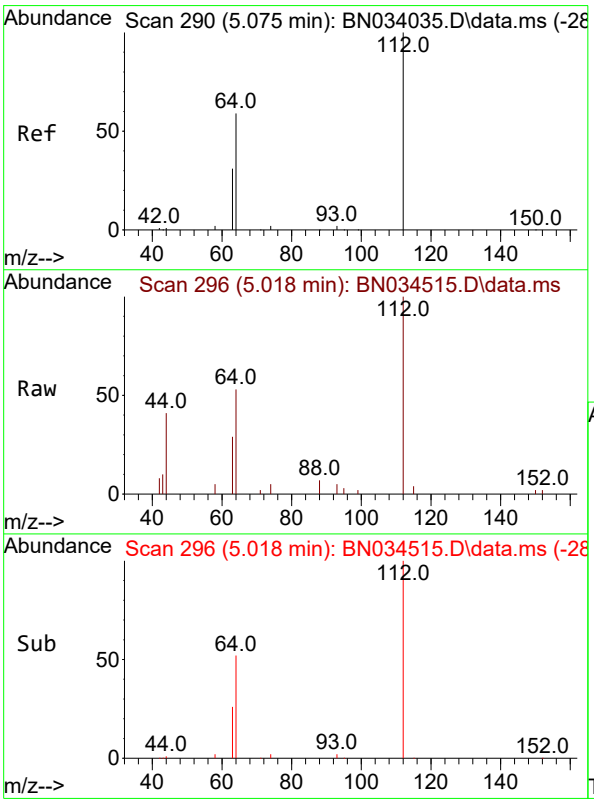
#3
n-Nitrosodimethylamine
Concen: 0.311 ng
RT: 3.328 min Scan# 6
Delta R.T. -0.014 min
Lab File: BN034515.D
Acq: 09 Oct 2024 21:38

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 2172

Ion	Ratio	Lower	Upper
42	100		
74	131.3	94.6	142.0
44	8.9	12.4	18.6#

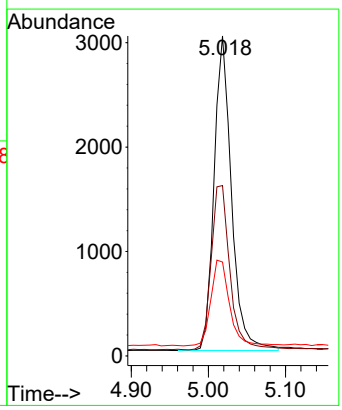


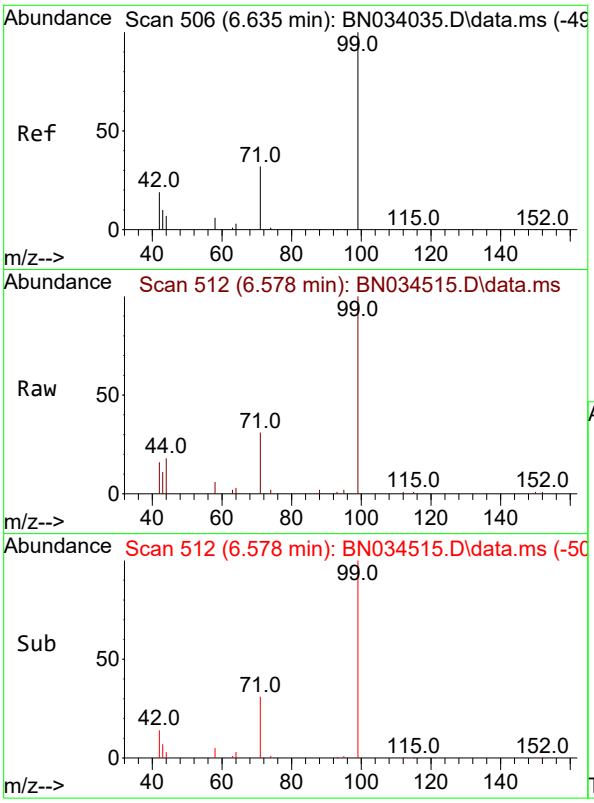


#4
2-Fluorophenol
Concen: 0.339 ng
RT: 5.018 min Scan# 296
Delta R.T. -0.014 min
Lab File: BN034515.D
Acq: 09 Oct 2024 21:38

Tgt Ion:112 Resp: 4725

Ion	Ratio	Lower	Upper
112	100		
64	56.3	48.6	72.8
63	29.3	25.6	38.4



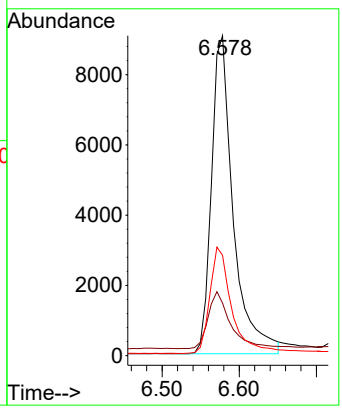


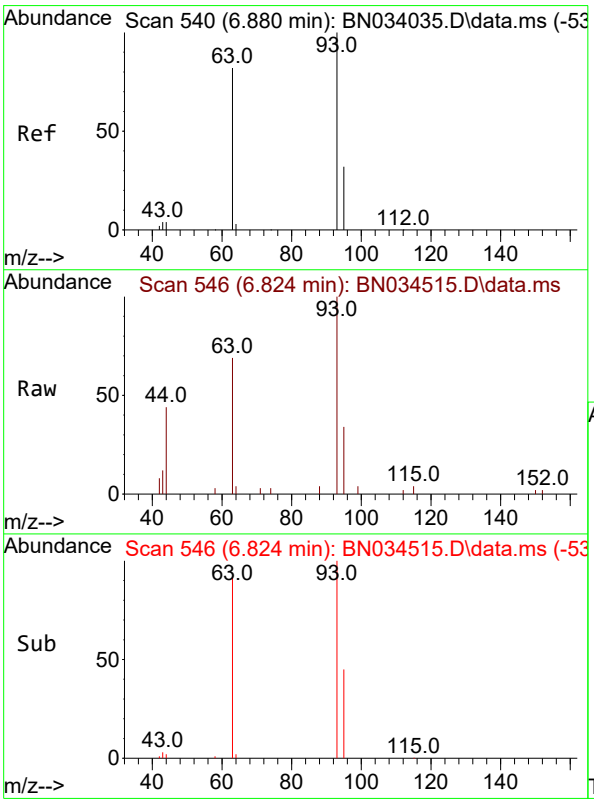
#5
Phenol-d6
Concen: 1.095 ng
RT: 6.578 min Scan# 5
Delta R.T. -0.022 min
Lab File: BN034515.D
Acq: 09 Oct 2024 21:38

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 17733

Ion	Ratio	Lower	Upper
99	100		
42	18.6	17.8	26.8
71	33.3	26.2	39.2

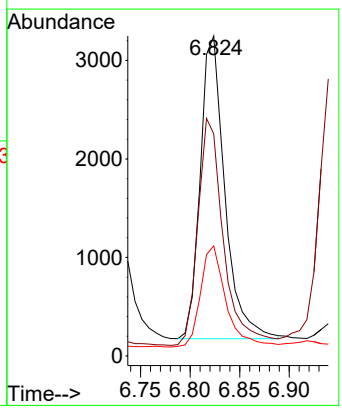


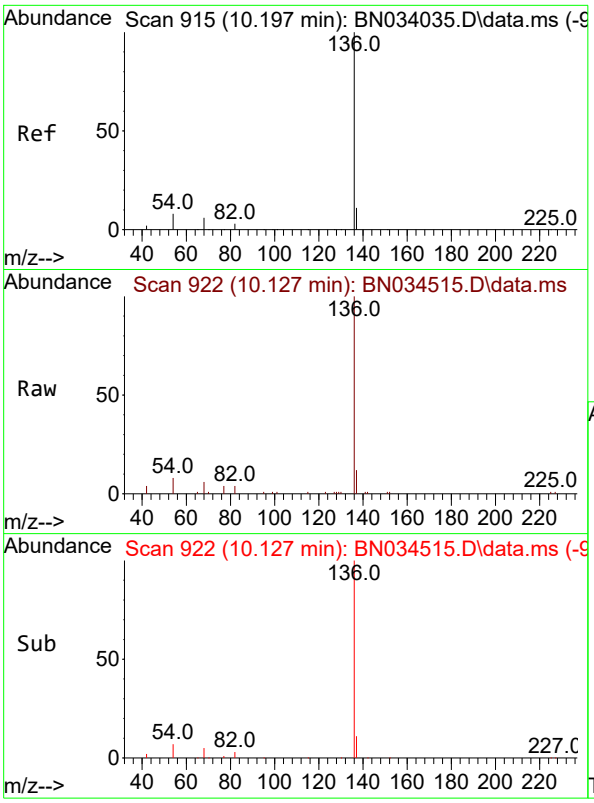


#6
bis(2-Chloroethyl)ether
Concen: 0.370 ng
RT: 6.824 min Scan# 546
Delta R.T. -0.014 min
Lab File: BN034515.D
Acq: 09 Oct 2024 21:38

Tgt Ion: 93 Resp: 5296

Ion	Ratio	Lower	Upper
93	100		
63	78.2	67.3	100.9
95	34.5	26.8	40.2



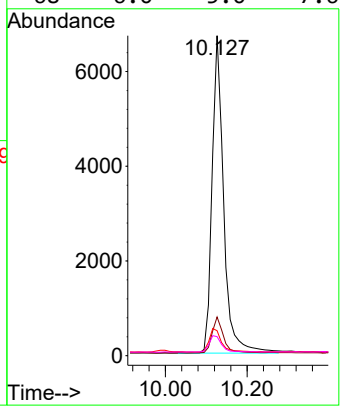


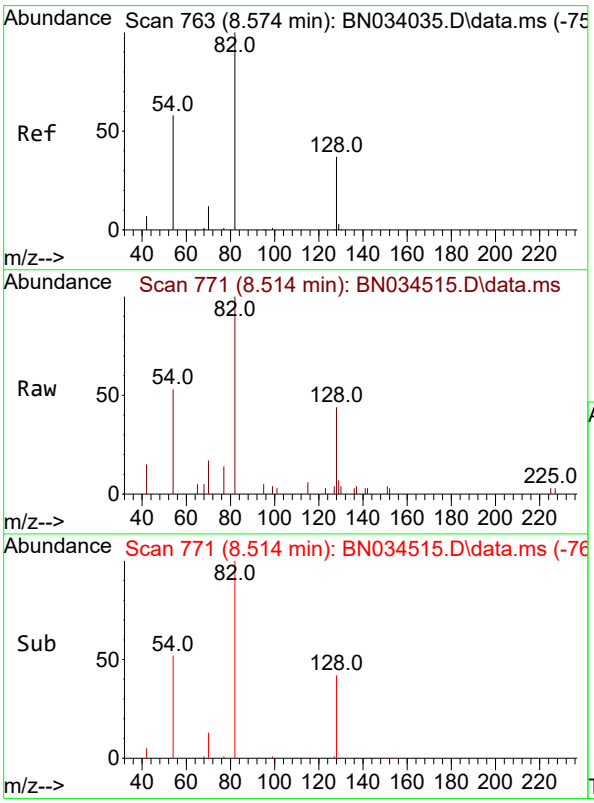
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.127 min Scan# 9
Delta R.T. -0.021 min
Lab File: BN034515.D
Acq: 09 Oct 2024 21:38

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 13200

Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.0	13.6
54	7.8	6.8	10.2
68	6.0	5.0	7.6

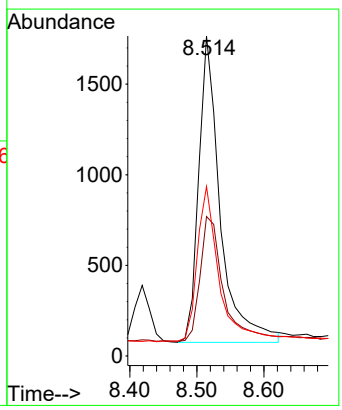


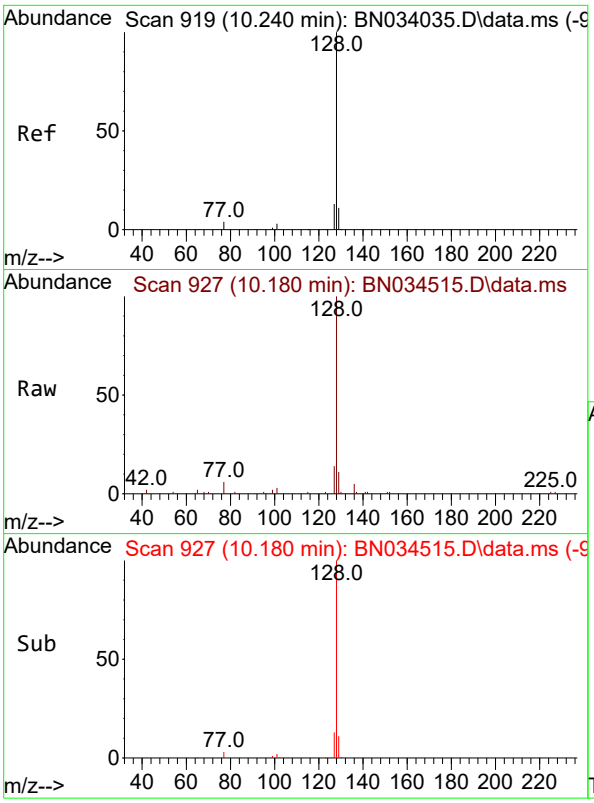


#8
Nitrobenzene-d5
Concen: 0.374 ng
RT: 8.514 min Scan# 771
Delta R.T. -0.021 min
Lab File: BN034515.D
Acq: 09 Oct 2024 21:38

Tgt Ion: 82 Resp: 3776

Ion	Ratio	Lower	Upper
82	100		
128	43.6	31.4	47.2
54	52.9	47.4	71.0



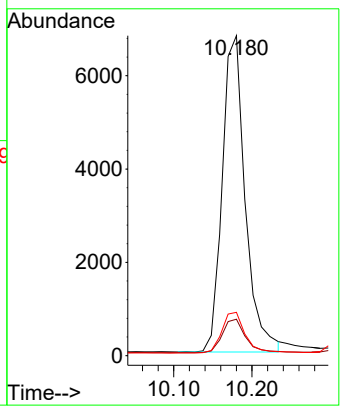


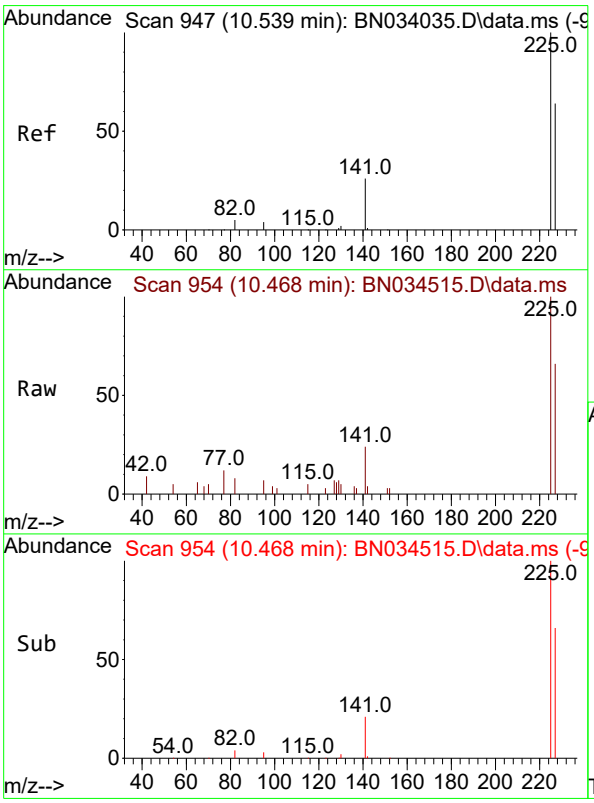
#9
Naphthalene
Concen: 0.382 ng
RT: 10.180 min Scan# 9
Delta R.T. -0.021 min
Lab File: BN034515.D
Acq: 09 Oct 2024 21:38

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 13829

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.2	13.8
127	13.5	10.7	16.1

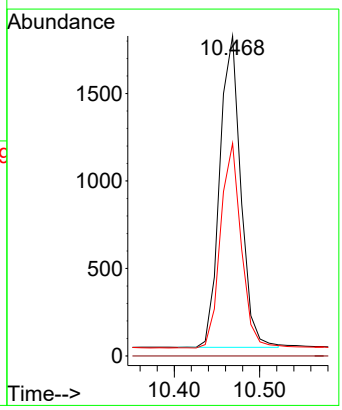


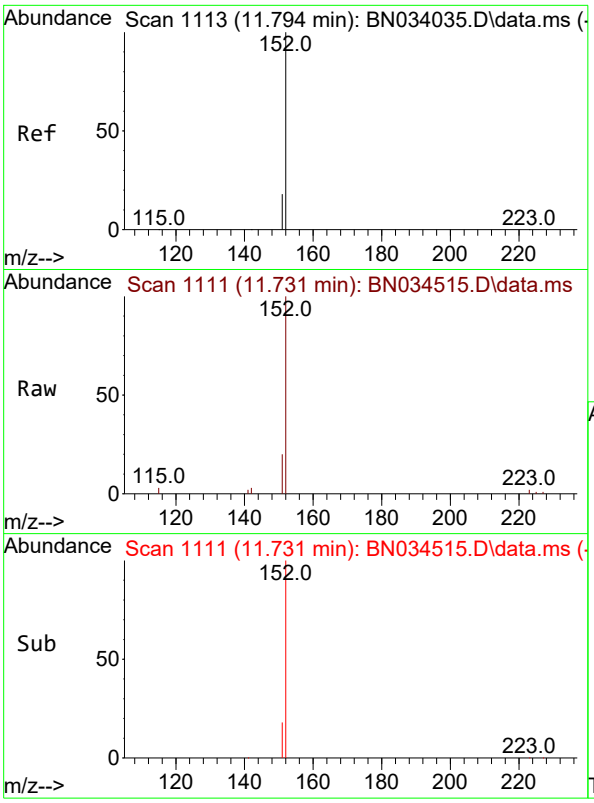


#10
Hexachlorobutadiene
Concen: 0.446 ng
RT: 10.468 min Scan# 954
Delta R.T. -0.021 min
Lab File: BN034515.D
Acq: 09 Oct 2024 21:38

Tgt Ion:225 Resp: 3047

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.5	50.5	75.7



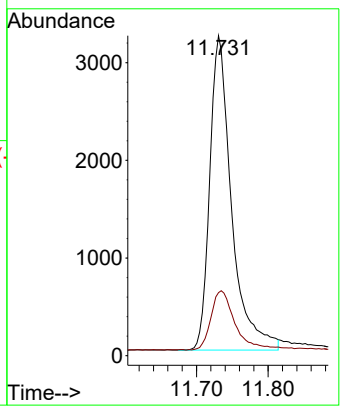


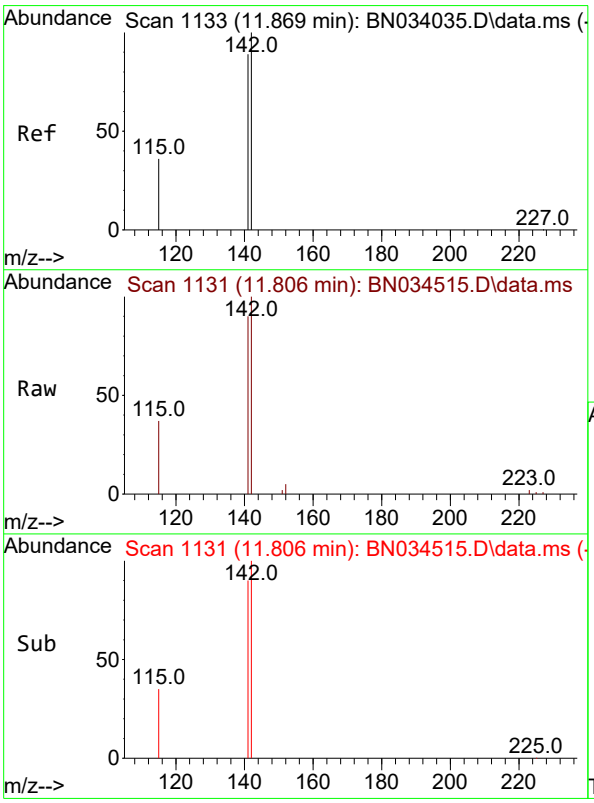
#11
2-Methylnaphthalene-d10
Concen: 0.350 ng
RT: 11.731 min Scan# 11
Delta R.T. -0.023 min
Lab File: BN034515.D
Acq: 09 Oct 2024 21:38

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 6816

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.8	25.2

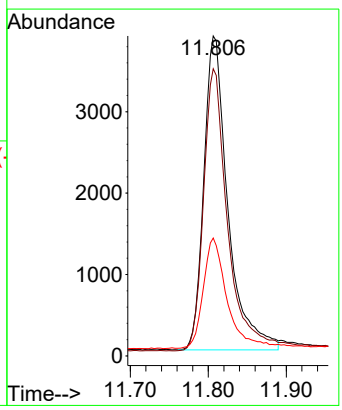


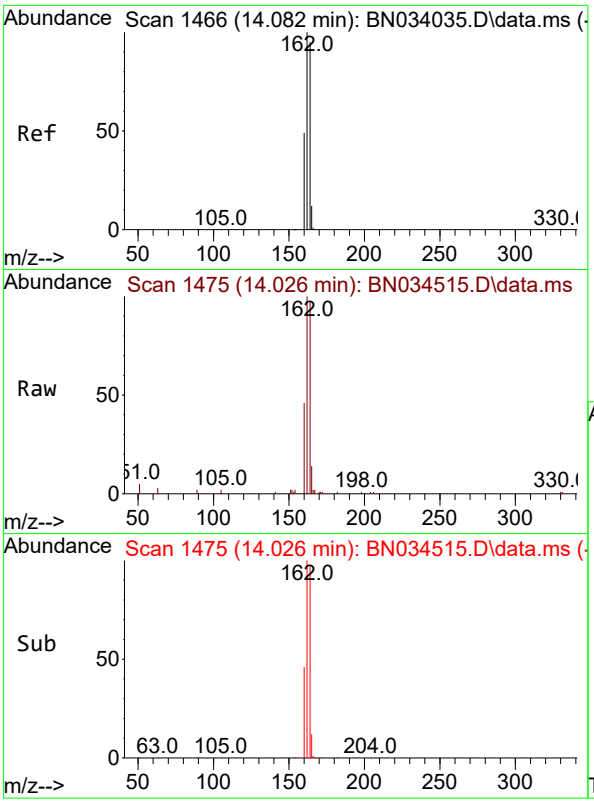


#12
2-Methylnaphthalene
Concen: 0.352 ng
RT: 11.806 min Scan# 1131
Delta R.T. -0.023 min
Lab File: BN034515.D
Acq: 09 Oct 2024 21:38

Tgt Ion:142 Resp: 8296

Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.6	107.4
115	36.8	30.0	45.0



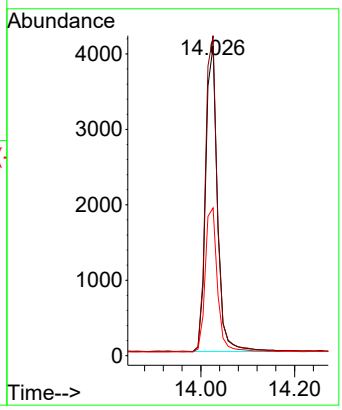


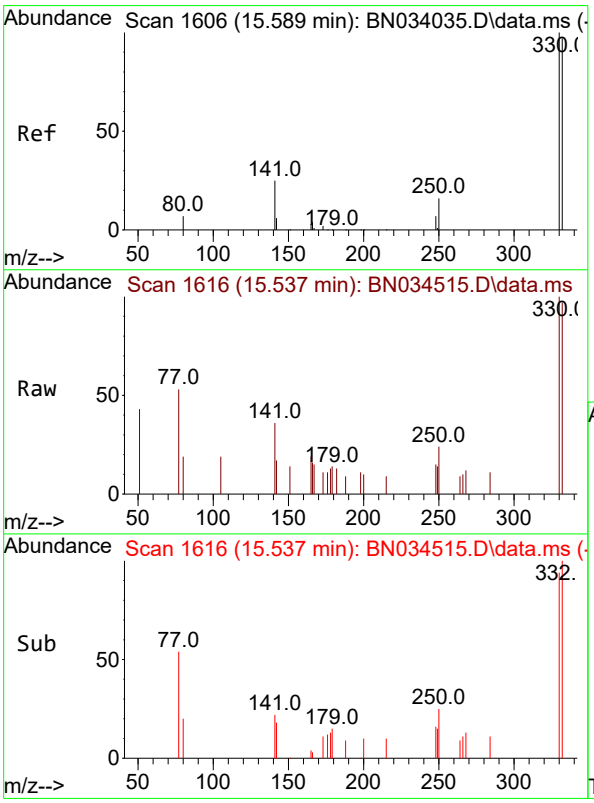
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.026 min Scan# 14
Delta R.T. -0.021 min
Lab File: BN034515.D
Acq: 09 Oct 2024 21:38

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 7082

Ion	Ratio	Lower	Upper
164	100		
162	103.4	84.2	126.2
160	47.8	41.7	62.5

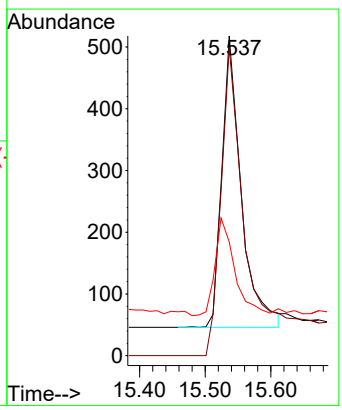


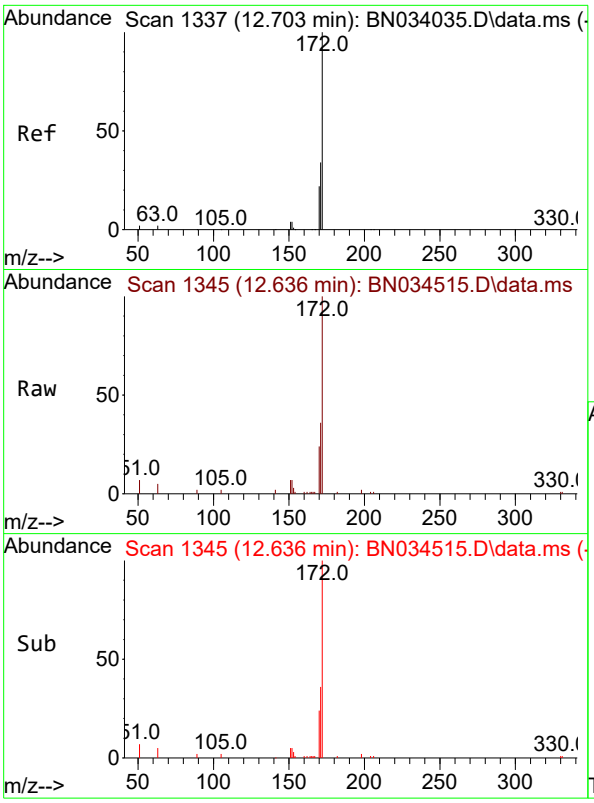


#14
2,4,6-Tribromophenol
Concen: 0.287 ng
RT: 15.537 min Scan# 1616
Delta R.T. -0.012 min
Lab File: BN034515.D
Acq: 09 Oct 2024 21:38

Tgt Ion:330 Resp: 920

Ion	Ratio	Lower	Upper
330	100		
332	137.5	77.4	116.0#
141	34.6	35.9	53.9#



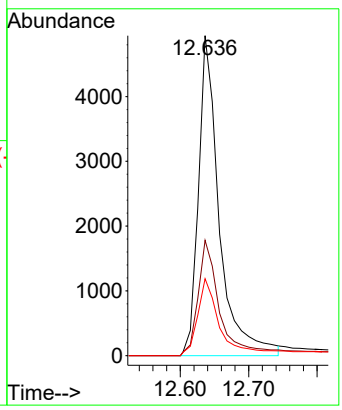


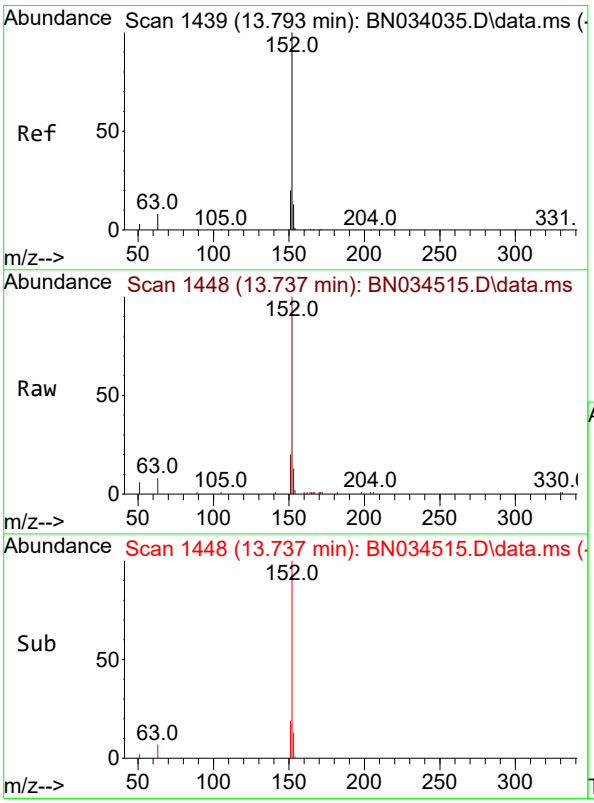
#15
2-Fluorobiphenyl
Concen: 0.332 ng
RT: 12.636 min Scan# 1
Delta R.T. -0.021 min
Lab File: BN034515.D
Acq: 09 Oct 2024 21:38

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 9565

Ion	Ratio	Lower	Upper
172	100		
171	36.1	27.3	40.9
170	24.1	18.1	27.1

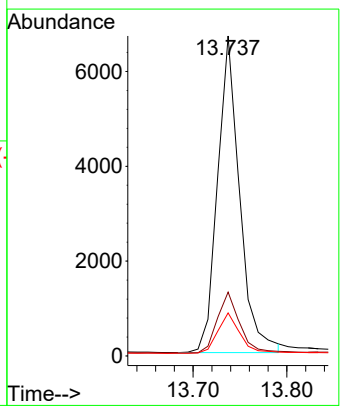


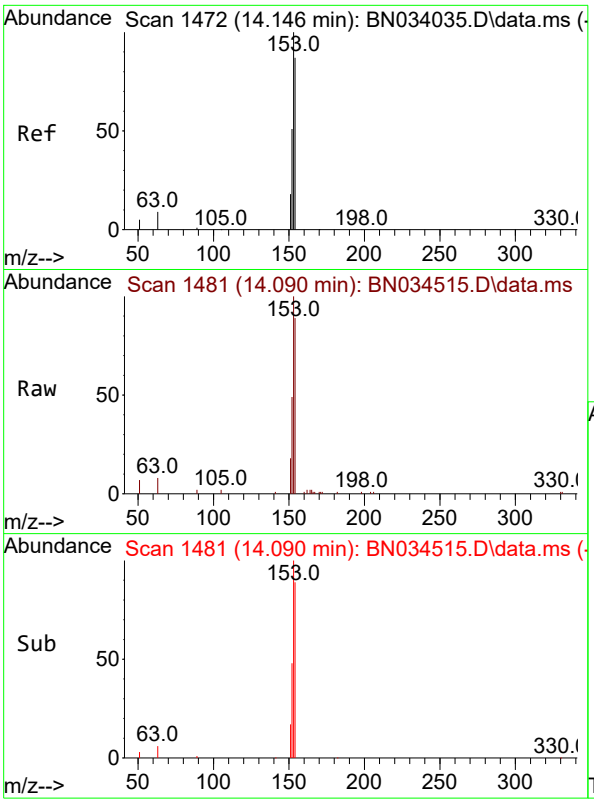


#16
Acenaphthylene
Concen: 0.361 ng
RT: 13.737 min Scan# 1448
Delta R.T. -0.021 min
Lab File: BN034515.D
Acq: 09 Oct 2024 21:38

Tgt Ion:152 Resp: 10936

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.6	23.4
153	12.9	10.3	15.5



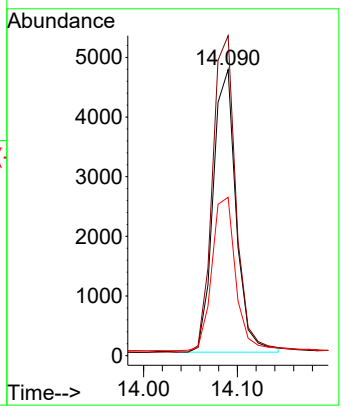


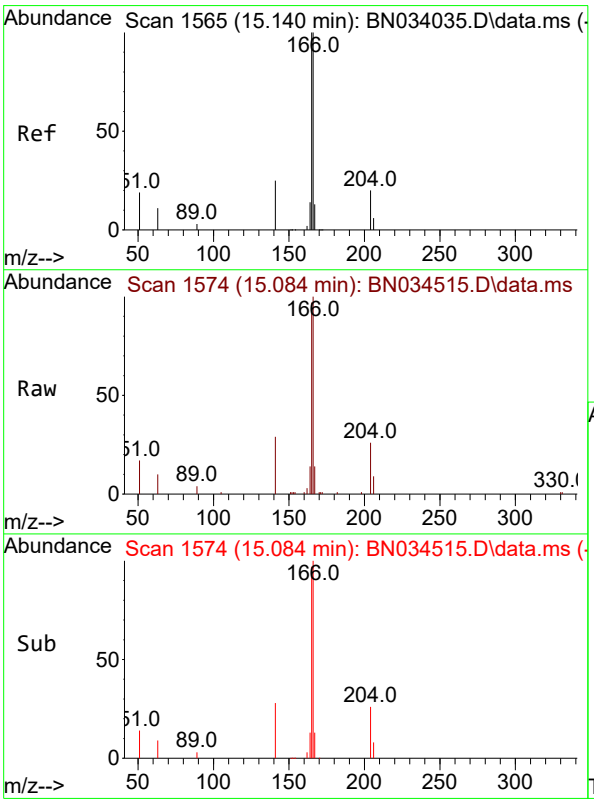
#17
Acenaphthene
Concen: 0.371 ng
RT: 14.090 min Scan# 14
Delta R.T. -0.021 min
Lab File: BN034515.D
Acq: 09 Oct 2024 21:38

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 8064

Ion	Ratio	Lower	Upper
154	100		
153	114.2	91.6	137.4
152	56.2	47.4	71.2

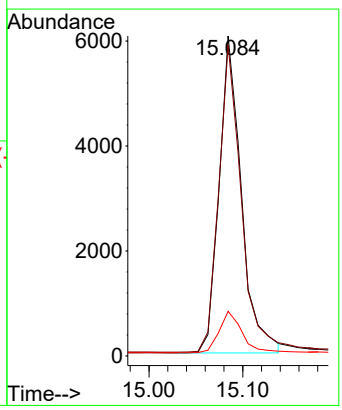


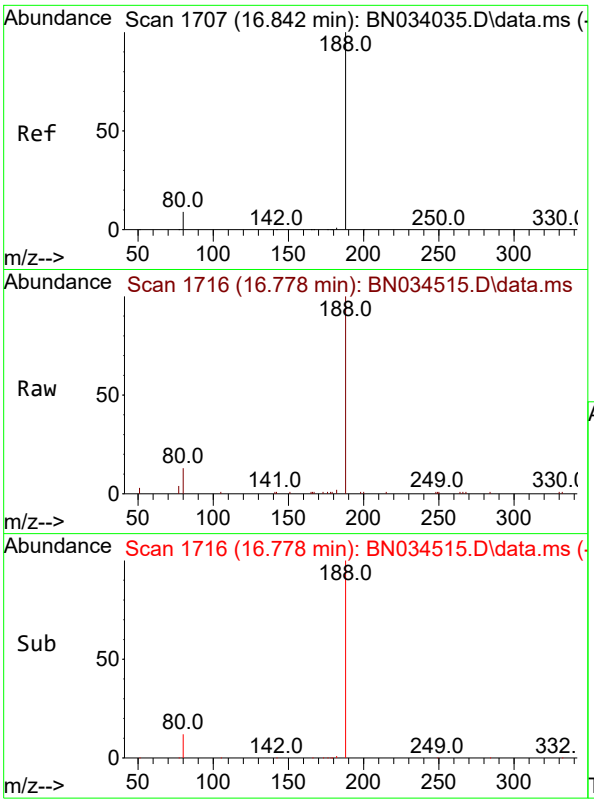


#18
Fluorene
Concen: 0.348 ng
RT: 15.084 min Scan# 1574
Delta R.T. -0.021 min
Lab File: BN034515.D
Acq: 09 Oct 2024 21:38

Tgt Ion:166 Resp: 9938

Ion	Ratio	Lower	Upper
166	100		
165	97.5	79.1	118.7
167	13.4	10.6	15.8



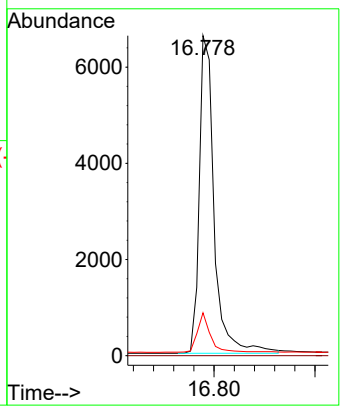


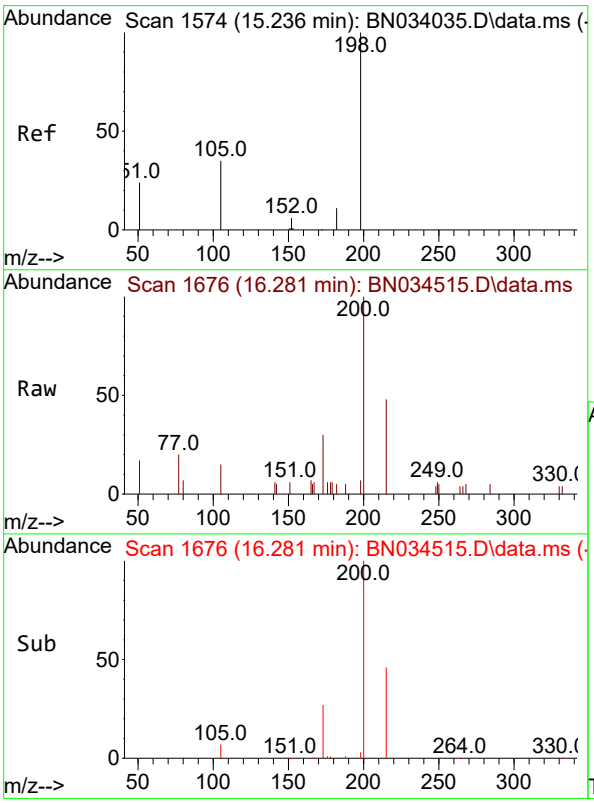
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.778 min Scan# 1
Delta R.T. -0.025 min
Lab File: BN034515.D
Acq: 09 Oct 2024 21:38

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 13531

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.4	7.4	11.0#

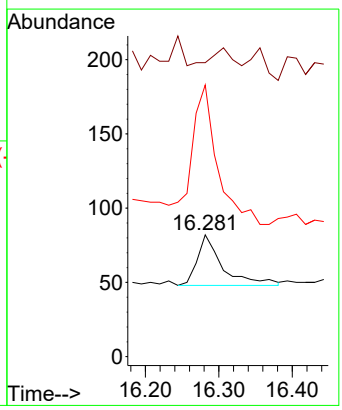


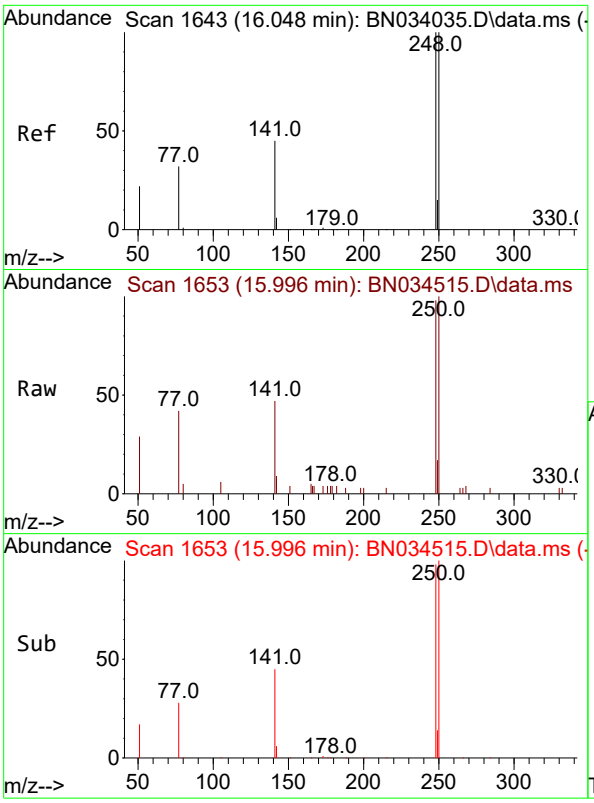


#20
4,6-Dinitro-2-methylphenol
Concen: 0.170 ng
RT: 16.281 min Scan# 1676
Delta R.T. -0.025 min
Lab File: BN034515.D
Acq: 09 Oct 2024 21:38

Tgt Ion:198 Resp: 81

Ion	Ratio	Lower	Upper
198	100		
51	241.5	106.4	159.6#
105	223.2	38.5	57.7#



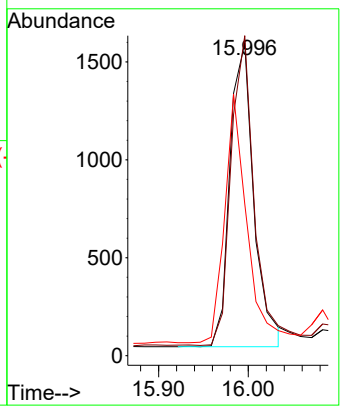


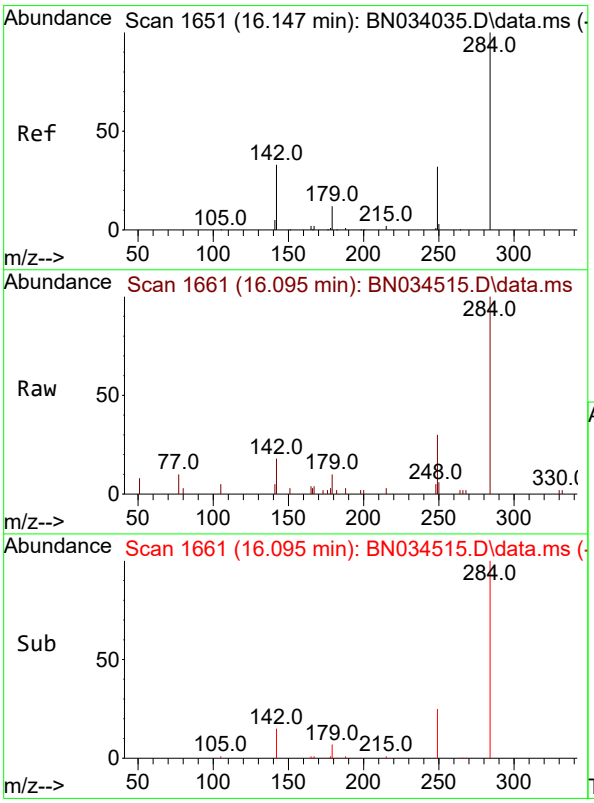
#21
4-Bromophenyl-phenylether
Concen: 0.378 ng
RT: 15.996 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN034515.D
Acq: 09 Oct 2024 21:38

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:248 Resp: 2873

Ion	Ratio	Lower	Upper
248	100		
250	102.4	80.5	120.7
141	48.6	37.1	55.7

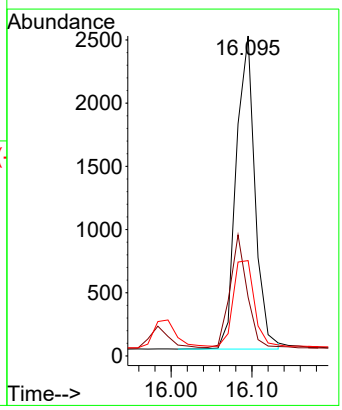


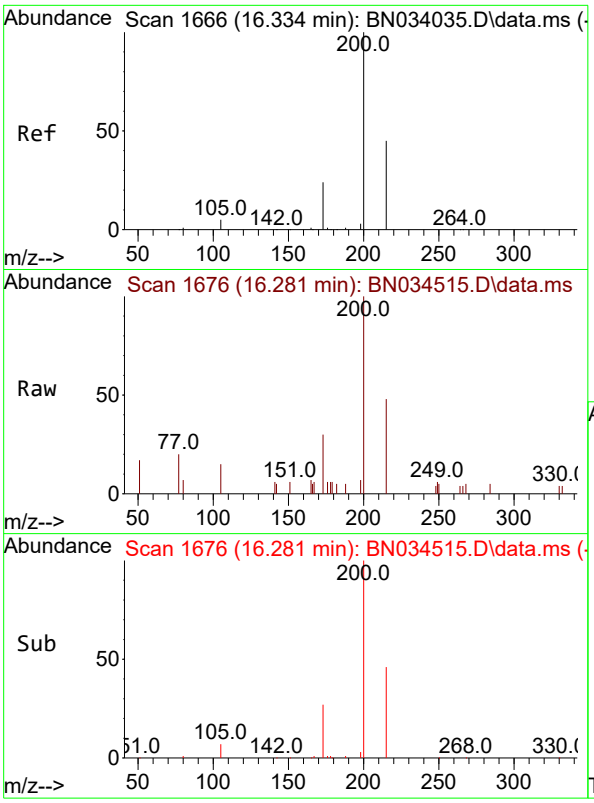


#22
Hexachlorobenzene
Concen: 0.469 ng
RT: 16.095 min Scan# 1661
Delta R.T. -0.012 min
Lab File: BN034515.D
Acq: 09 Oct 2024 21:38

Tgt Ion:284 Resp: 3997

Ion	Ratio	Lower	Upper
284	100		
142	32.7	34.5	51.7#
249	30.3	25.8	38.6



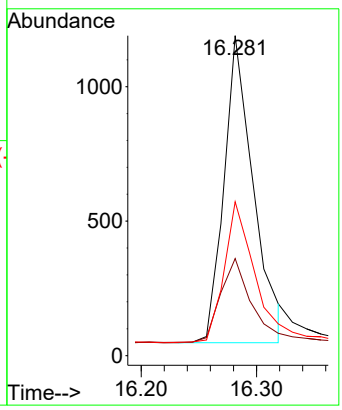


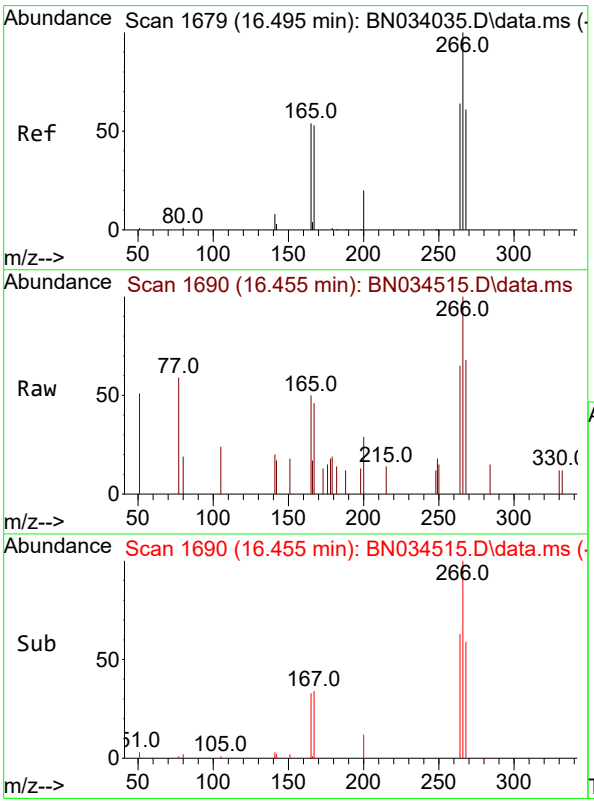
#23
Atrazine
Concen: 0.322 ng
RT: 16.281 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN034515.D
Acq: 09 Oct 2024 21:38

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:200 Resp: 2029

Ion	Ratio	Lower	Upper
200	100		
173	30.3	20.1	30.1#
215	48.1	37.0	55.6

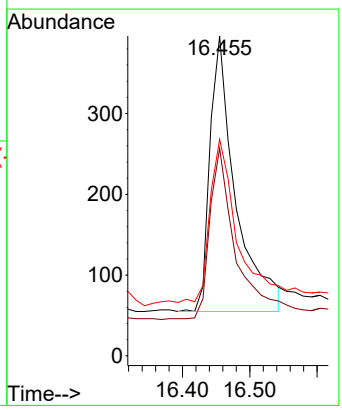


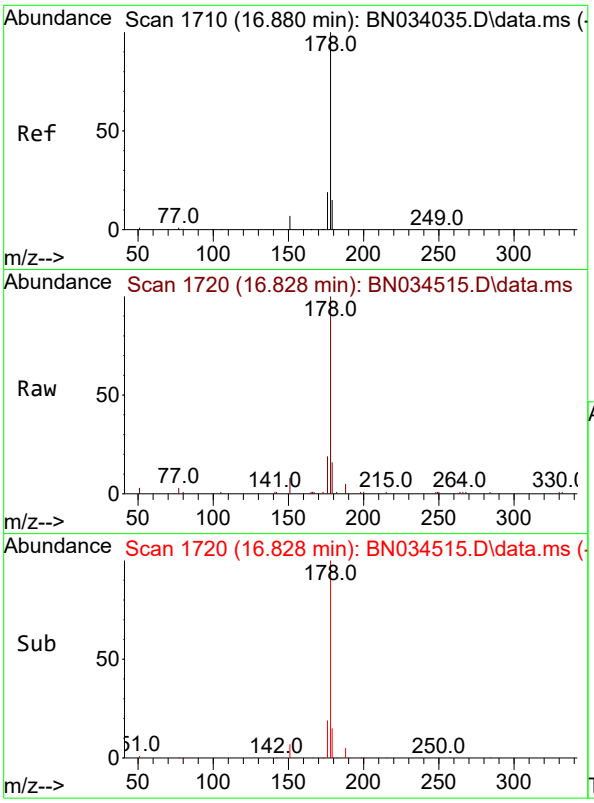


#24
Pentachlorophenol
Concen: 0.319 ng
RT: 16.455 min Scan# 1690
Delta R.T. -0.012 min
Lab File: BN034515.D
Acq: 09 Oct 2024 21:38

Tgt Ion:266 Resp: 899

Ion	Ratio	Lower	Upper
266	100		
264	63.6	50.2	75.2
268	61.8	51.0	76.4



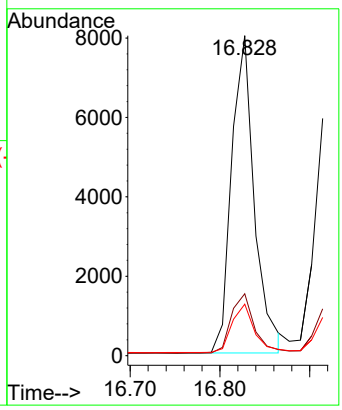


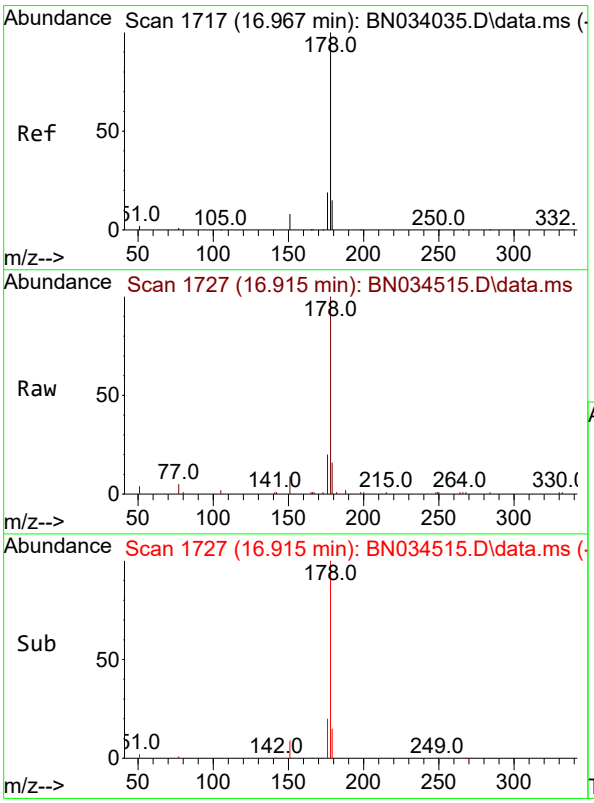
#25
Phenanthrene
Concen: 0.362 ng
RT: 16.828 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN034515.D
Acq: 09 Oct 2024 21:38

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 14067

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.3	22.9
179	15.1	12.1	18.1

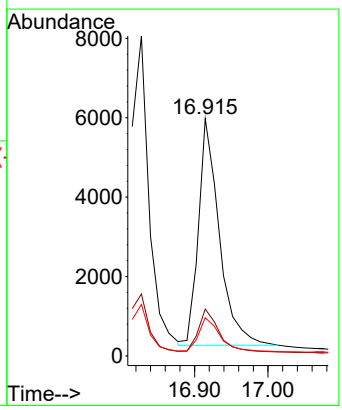


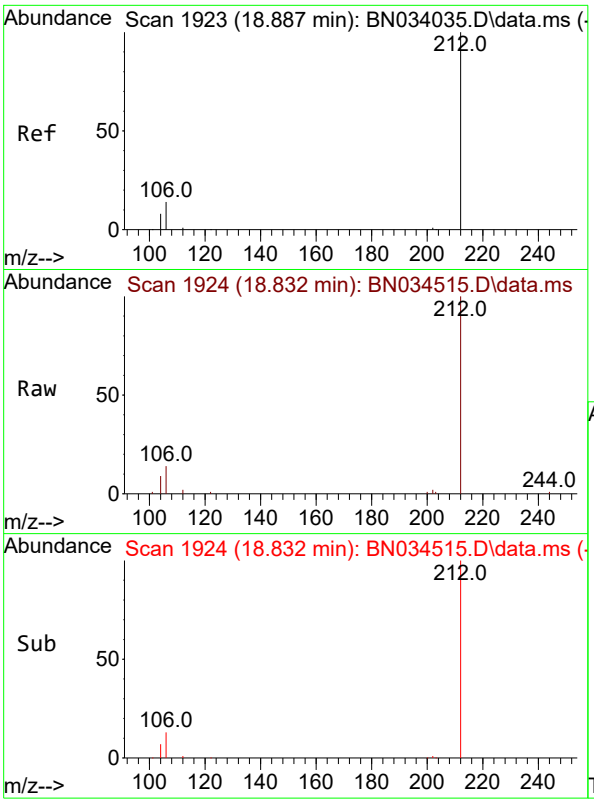


#26
Anthracene
Concen: 0.355 ng
RT: 16.915 min Scan# 1727
Delta R.T. -0.025 min
Lab File: BN034515.D
Acq: 09 Oct 2024 21:38

Tgt Ion:178 Resp: 11257

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.6
179	15.3	12.2	18.4



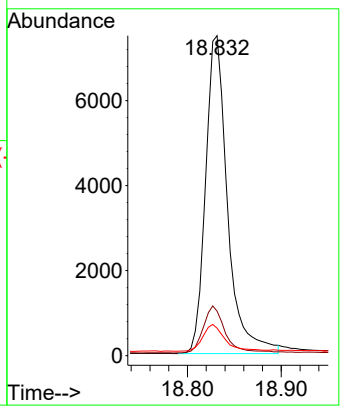


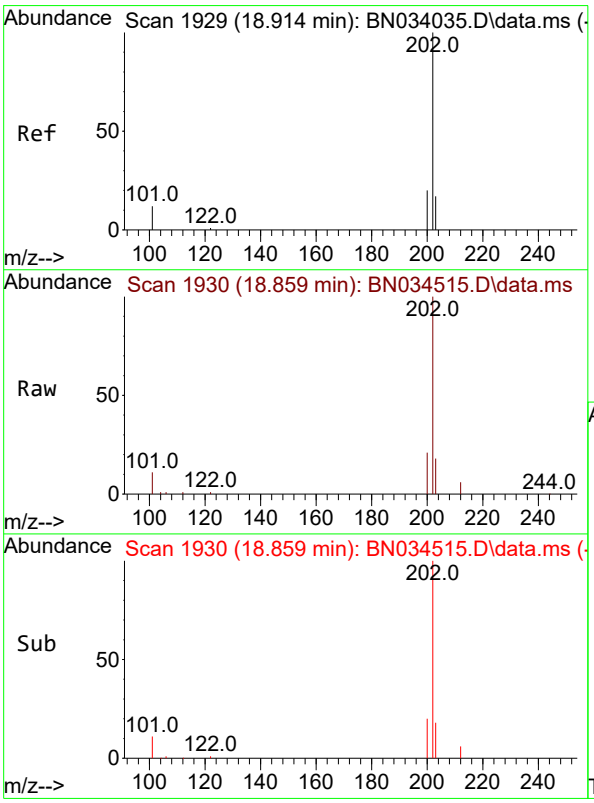
#27
Fluoranthene-d10
Concen: 0.358 ng
RT: 18.832 min Scan# 1
Delta R.T. -0.014 min
Lab File: BN034515.D
Acq: 09 Oct 2024 21:38

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 12210

Ion	Ratio	Lower	Upper
212	100		
106	14.7	13.4	20.2
104	8.4	7.8	11.6

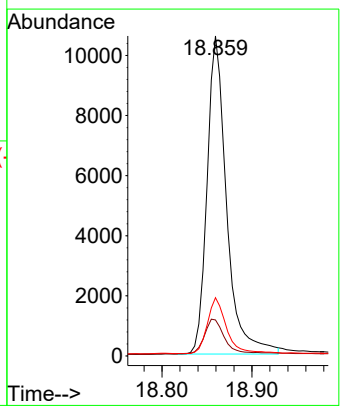


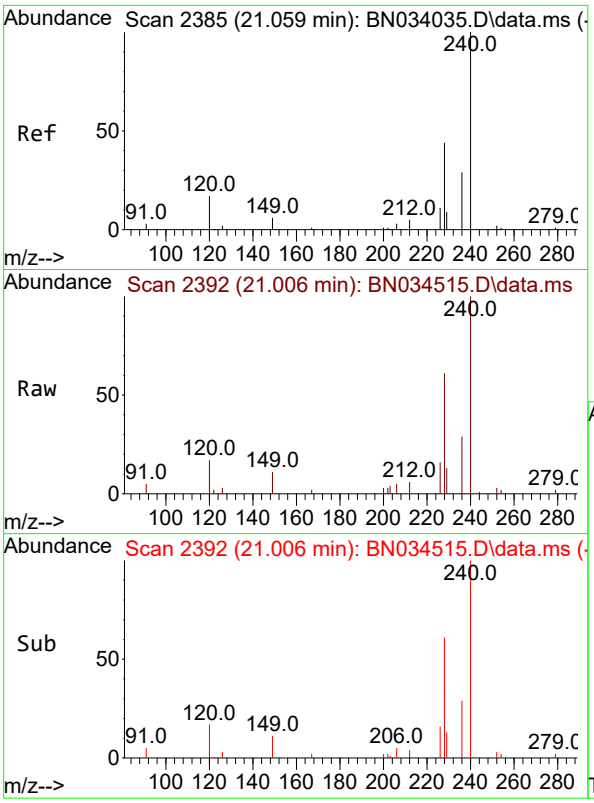


#28
Fluoranthene
Concen: 0.356 ng
RT: 18.859 min Scan# 1930
Delta R.T. -0.018 min
Lab File: BN034515.D
Acq: 09 Oct 2024 21:38

Tgt Ion:202 Resp: 16037

Ion	Ratio	Lower	Upper
202	100		
101	11.6	10.1	15.1
203	17.3	13.6	20.4



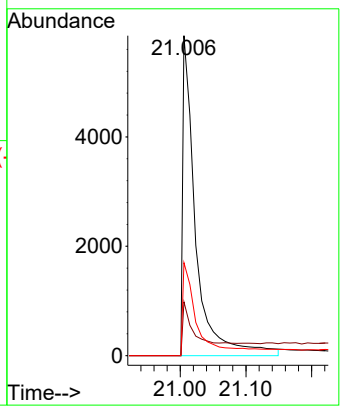


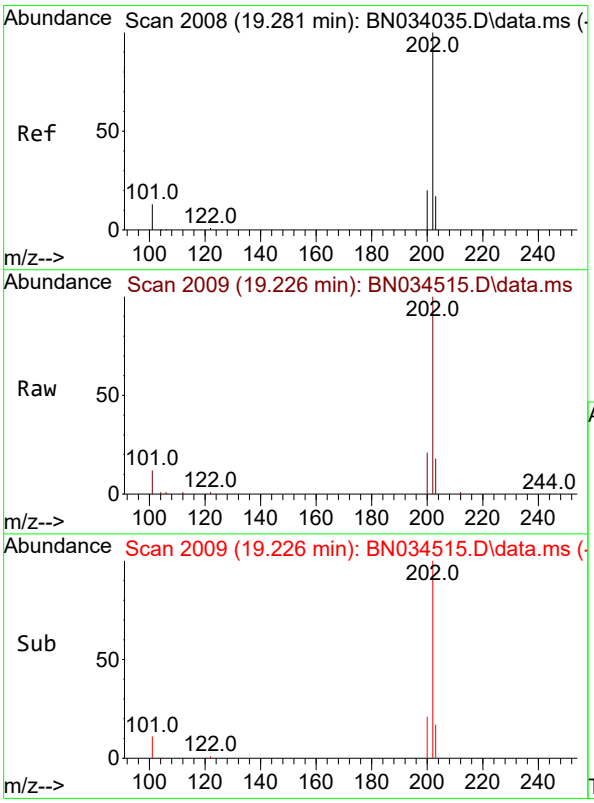
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.006 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN034515.D
Acq: 09 Oct 2024 21:38

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 8306

Ion	Ratio	Lower	Upper
240	100		
120	16.8	13.5	20.3
236	29.1	23.4	35.0

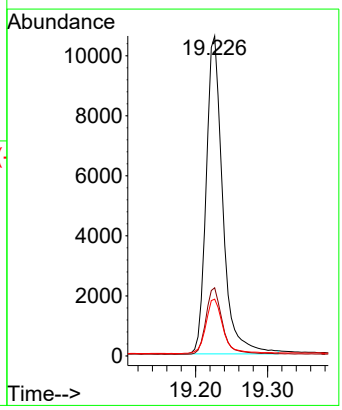


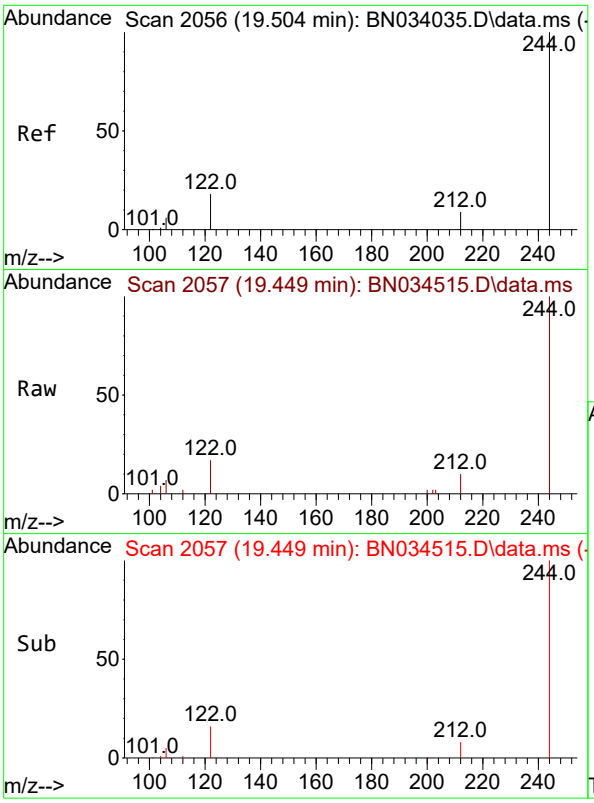


#30
Pyrene
Concen: 0.480 ng
RT: 19.226 min Scan# 2009
Delta R.T. -0.014 min
Lab File: BN034515.D
Acq: 09 Oct 2024 21:38

Tgt Ion:202 Resp: 16840

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	25.0
203	18.0	14.3	21.5



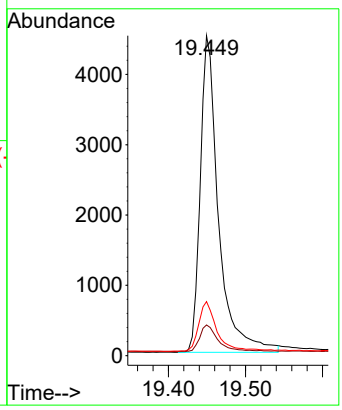


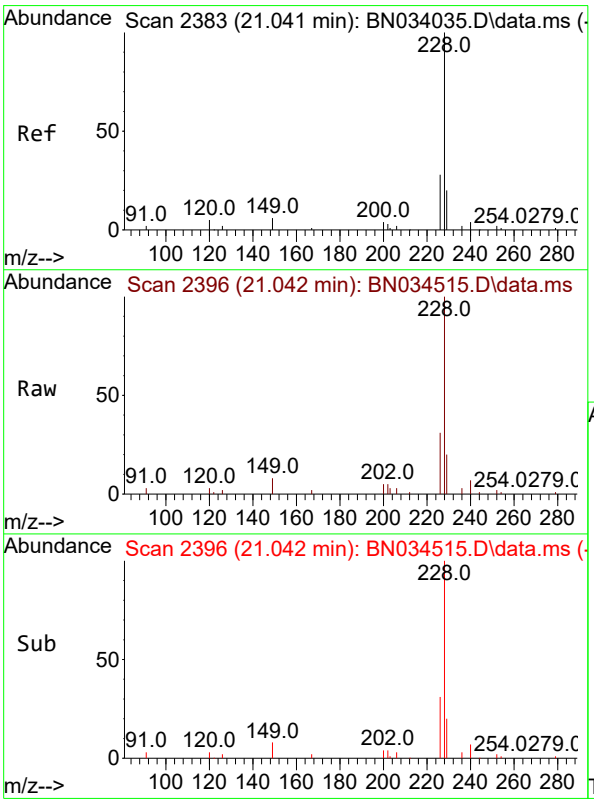
#31
Terphenyl-d14
Concen: 0.447 ng
RT: 19.449 min Scan# 2
Delta R.T. -0.018 min
Lab File: BN034515.D
Acq: 09 Oct 2024 21:38

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 7412

Ion	Ratio	Lower	Upper
244	100		
212	9.6	7.8	11.6
122	16.9	14.8	22.2

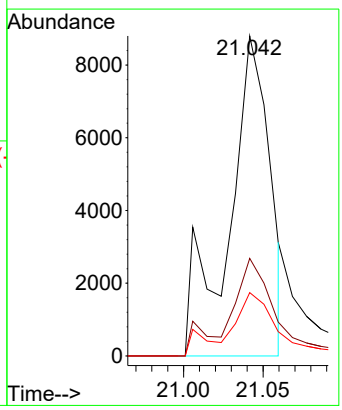


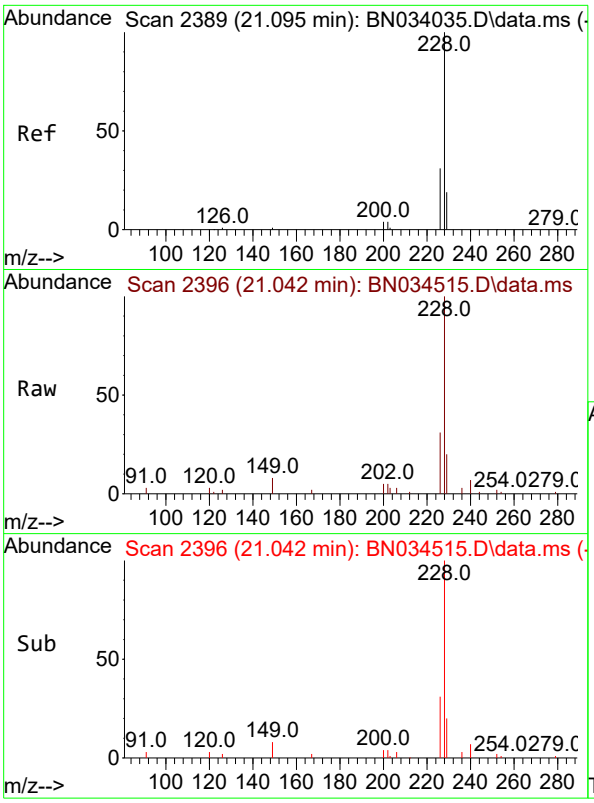


#32
Benzo(a)anthracene
Concen: 0.546 ng
RT: 21.042 min Scan# 2396
Delta R.T. 0.036 min
Lab File: BN034515.D
Acq: 09 Oct 2024 21:38

Tgt Ion:228 Resp: 14335

Ion	Ratio	Lower	Upper
228	100		
226	30.5	22.3	33.5
229	19.8	15.7	23.5



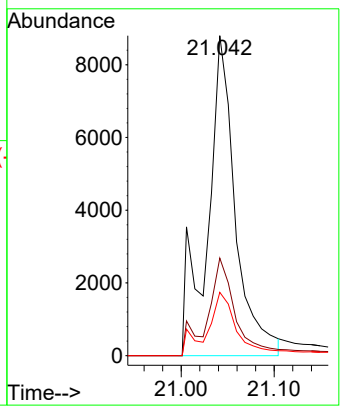


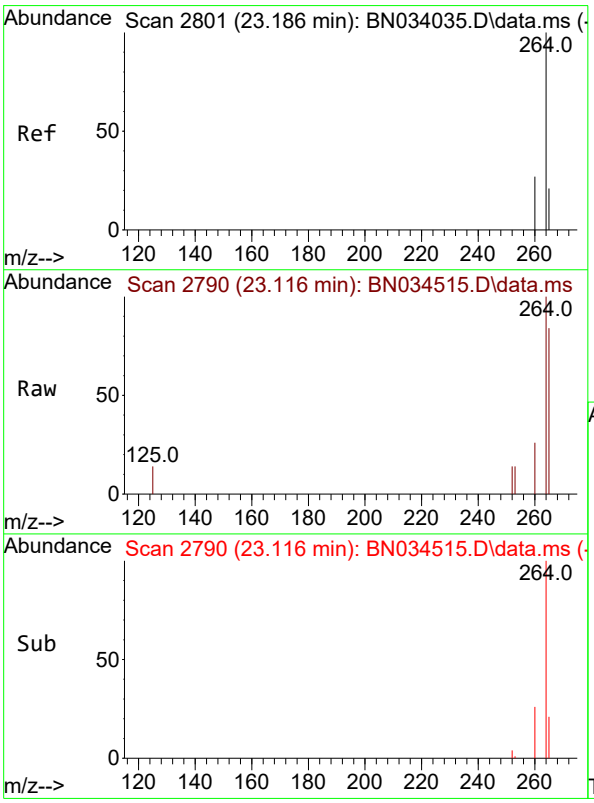
#33
Chrysene
Concen: 0.553 ng
RT: 21.042 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN034515.D
Acq: 09 Oct 2024 21:38

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 17330

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.6	37.0
229	19.8	15.5	23.3

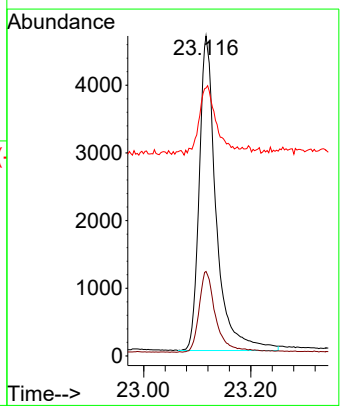


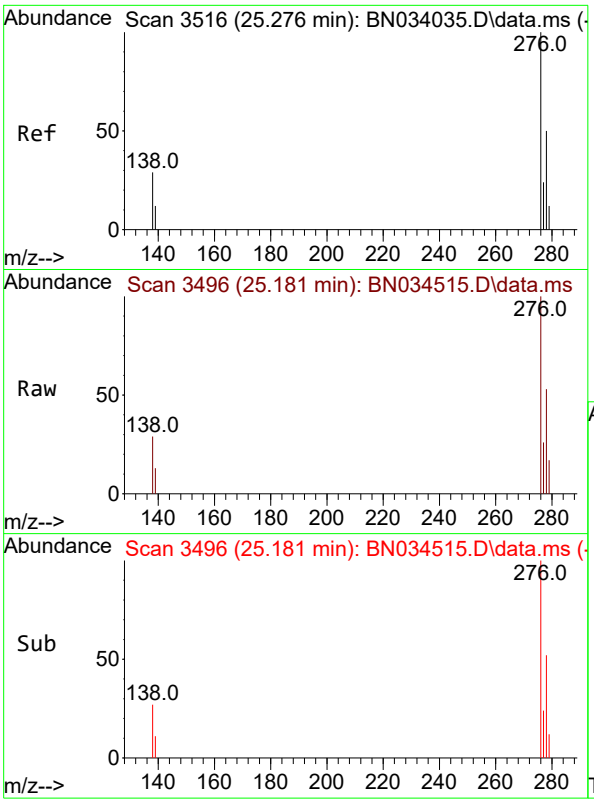


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.116 min Scan# 2790
Delta R.T. -0.012 min
Lab File: BN034515.D
Acq: 09 Oct 2024 21:38

Tgt Ion:264 Resp: 10226

Ion	Ratio	Lower	Upper
264	100		
260	26.4	21.7	32.5
265	83.8	52.1	78.1#



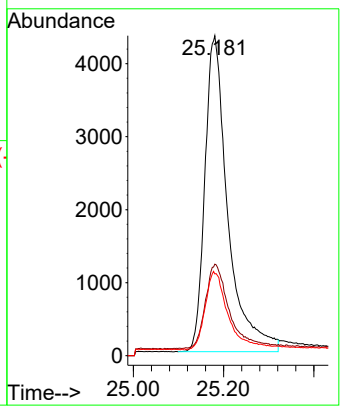


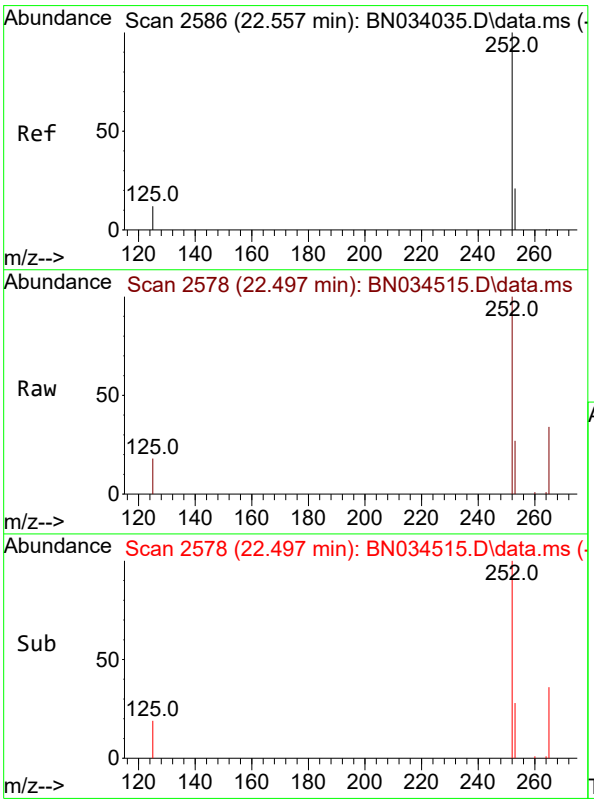
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.350 ng
RT: 25.181 min Scan# 34
Delta R.T. -0.015 min
Lab File: BN034515.D
Acq: 09 Oct 2024 21:38

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 15336

Ion	Ratio	Lower	Upper
276	100		
138	28.0	25.9	38.9
277	24.8	19.7	29.5

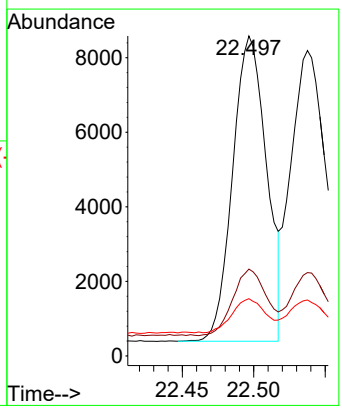


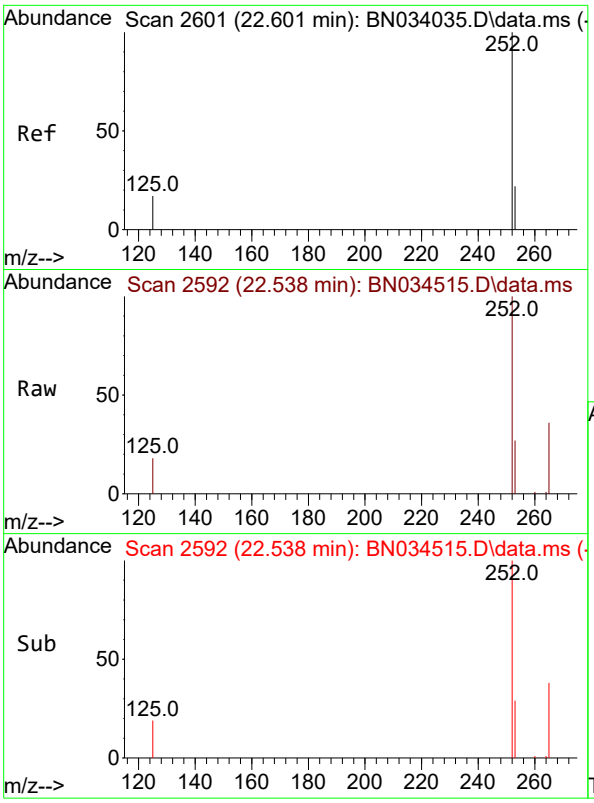


#37
Benzo(b)fluoranthene
Concen: 0.337 ng
RT: 22.497 min Scan# 2578
Delta R.T. -0.012 min
Lab File: BN034515.D
Acq: 09 Oct 2024 21:38

Tgt Ion:252 Resp: 13507

Ion	Ratio	Lower	Upper
252	100		
253	27.2	19.6	29.4
125	17.9	13.8	20.8



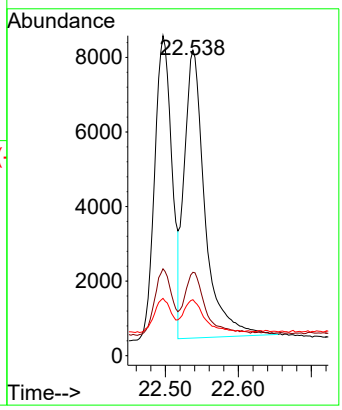


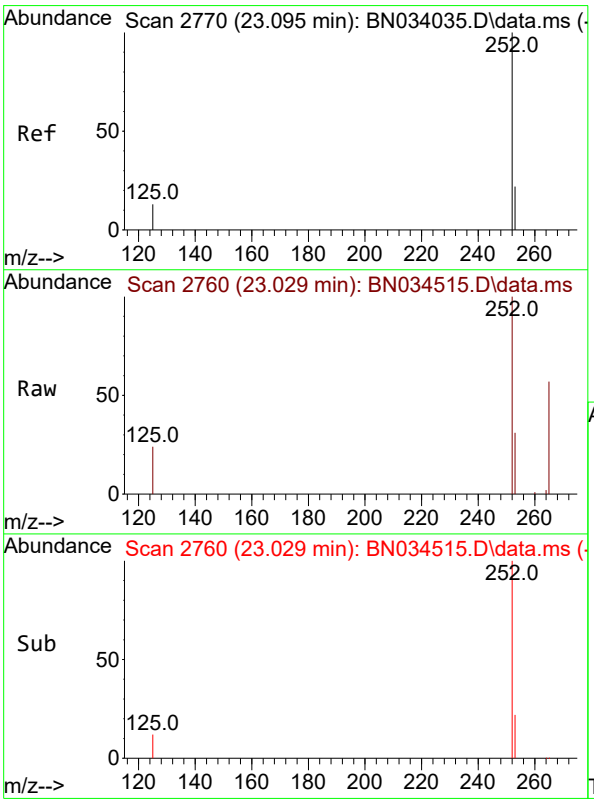
#38
Benzo(k)fluoranthene
Concen: 0.362 ng
RT: 22.538 min Scan# 2
Delta R.T. -0.012 min
Lab File: BN034515.D
Acq: 09 Oct 2024 21:38

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 15229

Ion	Ratio	Lower	Upper
252	100		
253	27.3	20.1	30.1
125	18.3	16.8	25.2

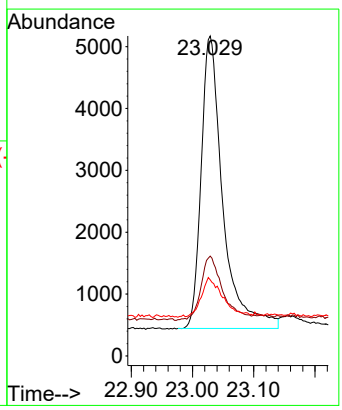


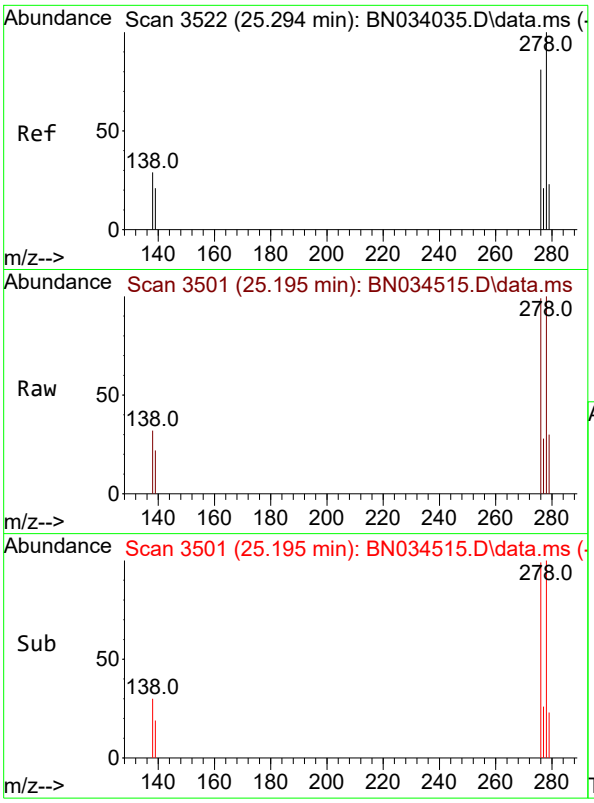


#39
Benzo(a)pyrene
Concen: 0.356 ng
RT: 23.029 min Scan# 2760
Delta R.T. -0.009 min
Lab File: BN034515.D
Acq: 09 Oct 2024 21:38

Tgt Ion:252 Resp: 11608

Ion	Ratio	Lower	Upper
252	100		
253	31.2	21.8	32.8
125	23.8	17.5	26.3



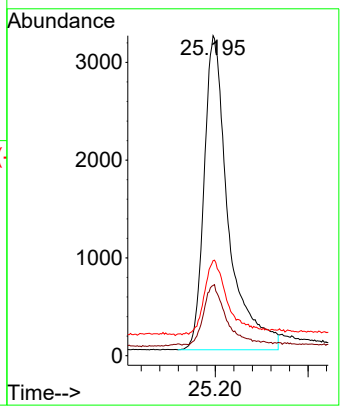


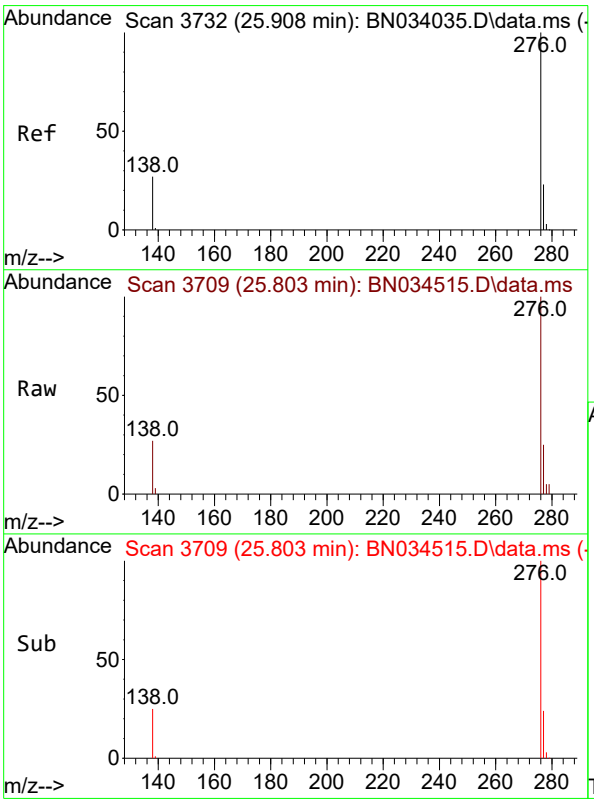
#40
Dibenzo(a,h)anthracene
Concen: 0.344 ng
RT: 25.195 min Scan# 3
Delta R.T. -0.017 min
Lab File: BN034515.D
Acq: 09 Oct 2024 21:38

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:278 Resp: 11698

Ion	Ratio	Lower	Upper
278	100		
139	21.9	17.8	26.8
279	29.7	21.0	31.6





#41
Benzo(g,h,i)perylene
Concen: 0.376 ng
RT: 25.803 min Scan# 3709
Delta R.T. -0.015 min
Lab File: BN034515.D
Acq: 09 Oct 2024 21:38

Tgt Ion:276 Resp: 14375

Ion	Ratio	Lower	Upper
276	100		
277	25.4	19.3	28.9
138	26.7	22.6	34.0