Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101024\
Data File : BN034534.D
Acq On : 10 Oct 2024 22:55
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 110 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Oct 11 00:24:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 00:21:08 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.373	152	7805	0.400	ng		0.00
7) Naphthalene-d8	10.127	136	22066	0.400	ng	#	0.00
13) Acenaphthene-d10	14.015	164	12723	0.400	ng		0.00
19) Phenanthrene-d10	16.778	188	26534	0.400	ng		0.00
29) Chrysene-d12	21.006	240	15225	0.400	ng	#	0.00
35) Perylene-d12	23.114	264	24662	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.011	112	7435	0.336	ng		0.00
5) Phenol-d6	6.571	99	7751	0.301	ng		0.00
8) Nitrobenzene-d5	8.514	82	5351	0.317	ng		0.00
11) 2-Methylnaphthalene-d10	11.727	152	11718	0.360	ng		0.00
14) 2,4,6-Tribromophenol	15.537	330	2064	0.358	ng		0.00
15) 2-Fluorobiphenyl	12.636	172	16564	0.320	ng		0.00
27) Fluoranthene-d10	18.827	212	25609	0.383	ng		0.00
31) Terphenyl-d14	19.450	244	15846	0.521	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.025	88	3517	0.360	ng		95
3) n-Nitrosodimethylamine	3.328	42	3347	0.301	ng	#	88
6) bis(2-Chloroethyl)ether	6.817	93	7589	0.333	ng		94
9) Naphthalene	10.169	128	22096	0.365	ng		100
10) Hexachlorobutadiene	10.458	225	4925	0.432	ng	#	98
12) 2-Methylnaphthalene	11.803	142	14110	0.358	ng		98
16) Acenaphthylene	13.737	152	19041	0.350	ng		100
17) Acenaphthene	14.079	154	13956	0.357	ng		99
18) Fluorene	15.084	166	18139	0.354	ng		99
20) 4,6-Dinitro-2-methylph...	16.282	198	144	0.167	ng	#	14
21) 4-Bromophenyl-phenylether	15.984	248	5527	0.371	ng	#	80
22) Hexachlorobenzene	16.083	284	7468	0.447	ng	#	90
23) Atrazine	16.282	200	4256	0.344	ng		98
24) Pentachlorophenol	16.443	266	2316	0.419	ng		99
25) Phenanthrene	16.815	178	28058	0.368	ng		99
26) Anthracene	16.915	178	22768	0.366	ng		99
28) Fluoranthene	18.855	202	34061	0.386	ng		98
30) Pyrene	19.222	202	35485	0.552	ng		100
32) Benzo(a)anthracene	21.042	228	33113	0.687	ng		98
33) Chrysene	21.042	228	36334	0.632	ng		99
36) Indeno(1,2,3-cd)pyrene	25.169	276	38353	0.363	ng		95
37) Benzo(b)fluoranthene	22.532	252	35445	0.367	ng		96
38) Benzo(k)fluoranthene	22.532	252	36641	0.361	ng	#	92
39) Benzo(a)pyrene	23.020	252	28345	0.360	ng	#	92
40) Dibenzo(a,h)anthracene	25.186	278	29603	0.361	ng		96
41) Benzo(g,h,i)perylene	25.789	276	35082	0.380	ng		96

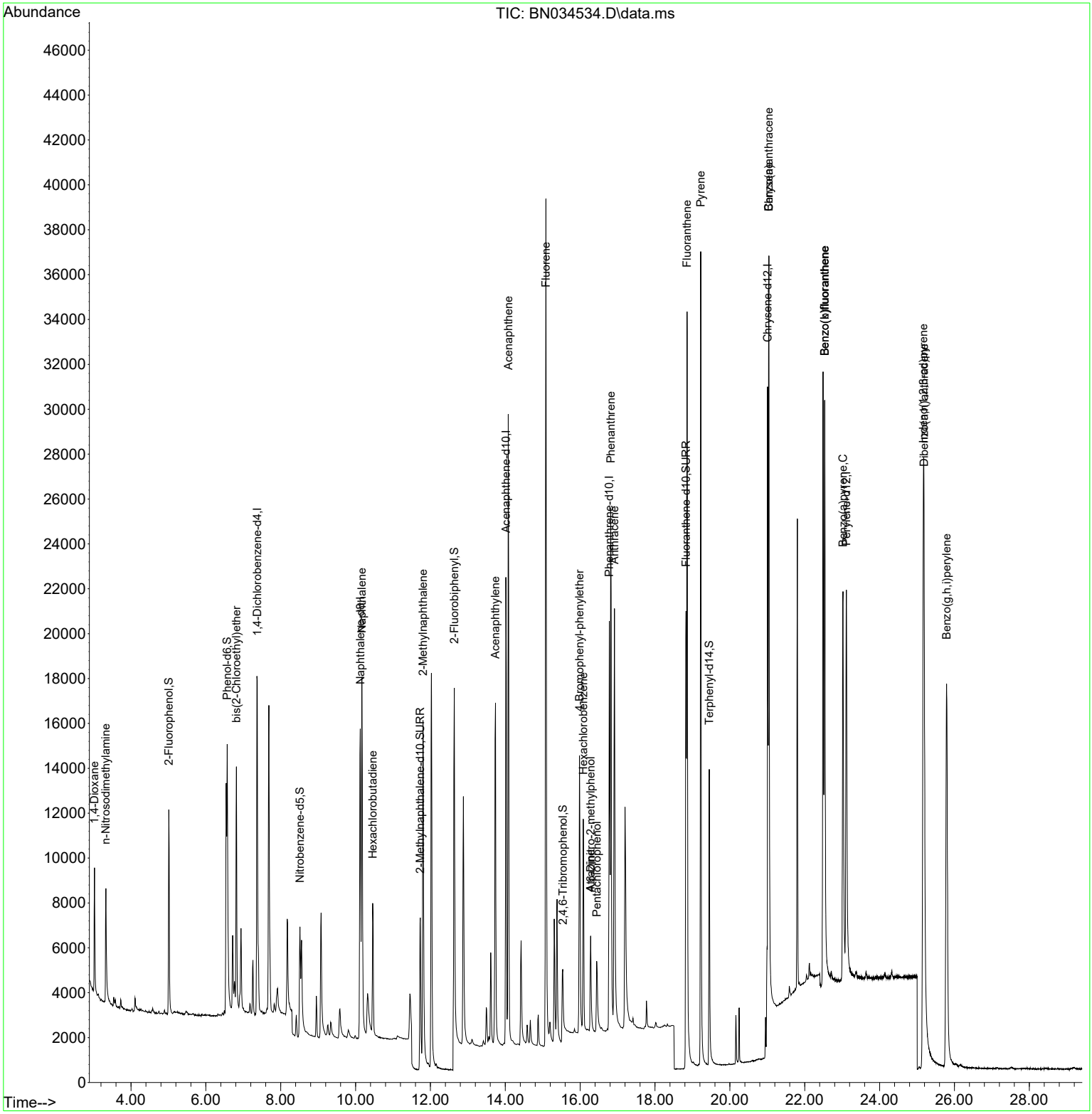
(#) = qualifier out of range (m) = manual integration (+) = signals summed

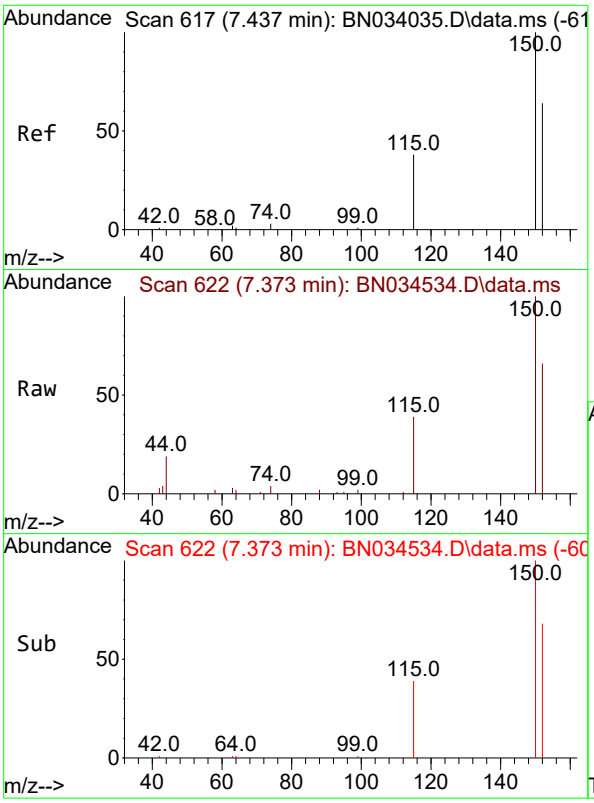
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101024\
Data File : BN034534.D
Acq On : 10 Oct 2024 22:55
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 110 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Oct 11 00:24:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 00:21:08 2024
Response via : Initial Calibration



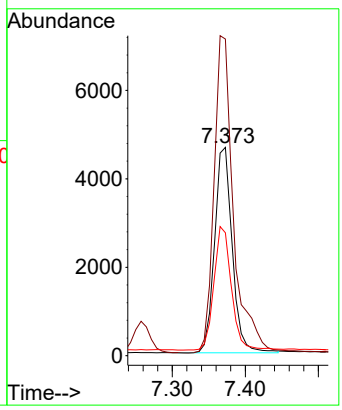


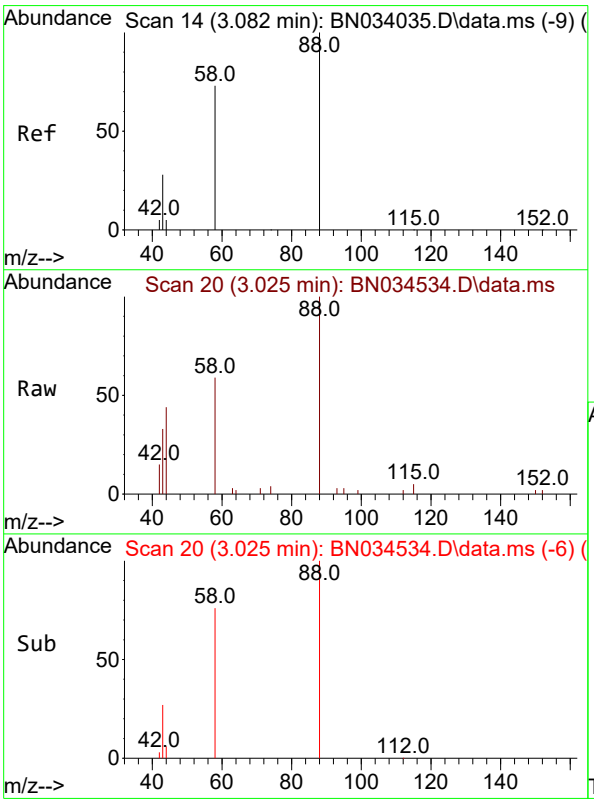
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.373 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN034534.D
Acq: 10 Oct 2024 22:55

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 7805

Ion	Ratio	Lower	Upper
152	100		
150	152.1	124.6	187.0
115	59.0	50.0	75.0

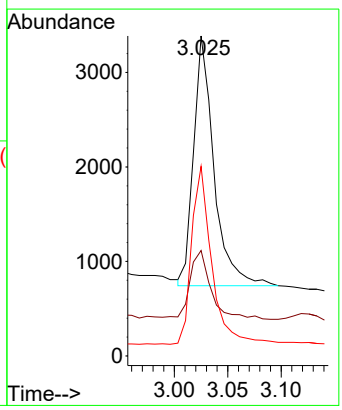


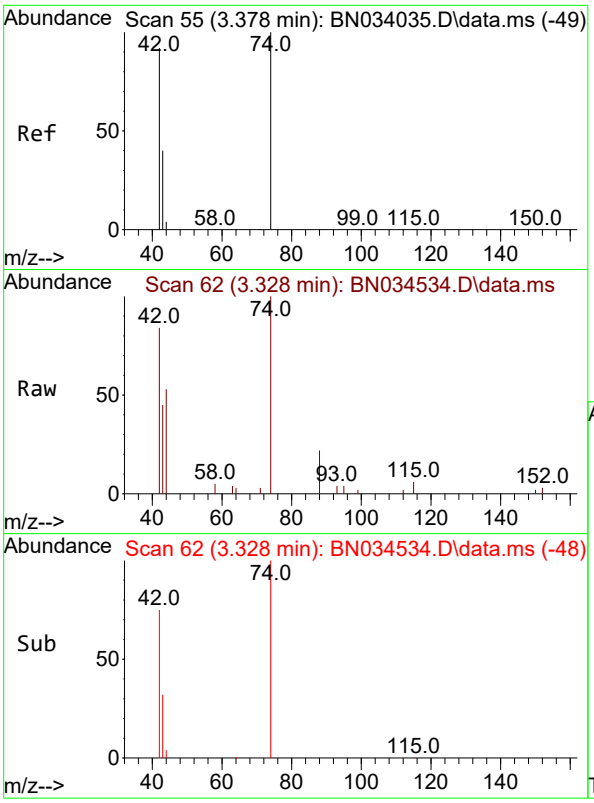


#2
1,4-Dioxane
Concen: 0.360 ng
RT: 3.025 min Scan# 20
Delta R.T. -0.000 min
Lab File: BN034534.D
Acq: 10 Oct 2024 22:55

Tgt Ion: 88 Resp: 3517

Ion	Ratio	Lower	Upper
88	100		
43	28.7	25.8	38.8
58	70.1	58.8	88.2



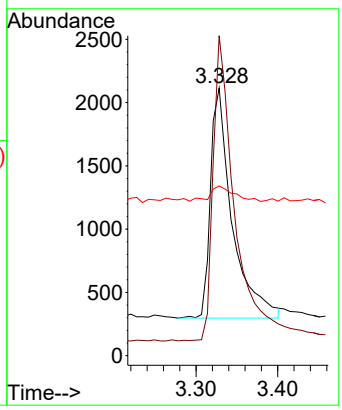


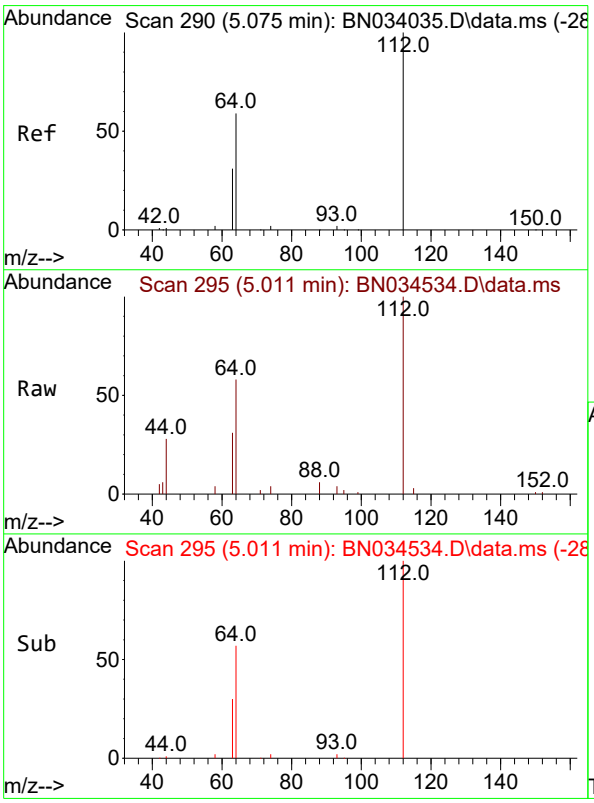
#3
n-Nitrosodimethylamine
Concen: 0.301 ng
RT: 3.328 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN034534.D
Acq: 10 Oct 2024 22:55

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 3347

Ion	Ratio	Lower	Upper
42	100		
74	130.8	94.6	142.0
44	7.4	12.4	18.6#

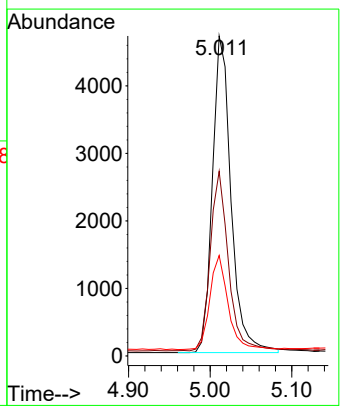


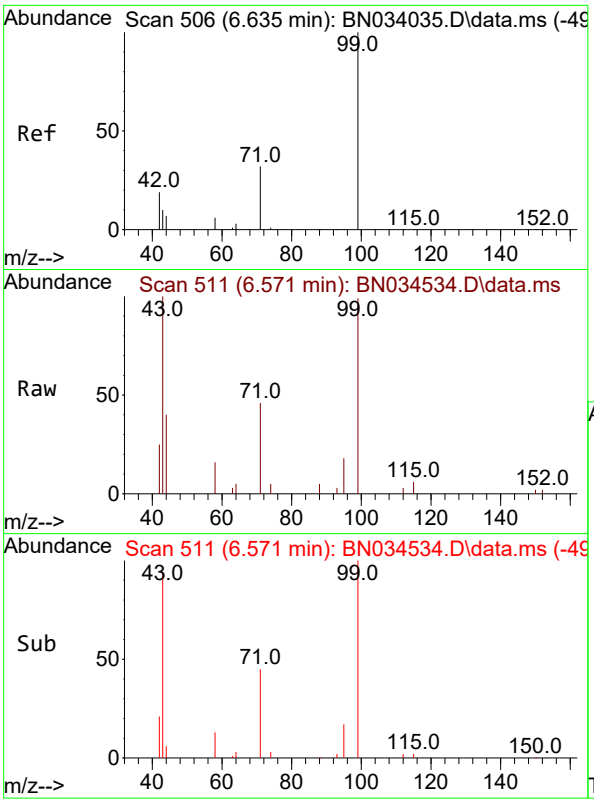


#4
2-Fluorophenol
Concen: 0.336 ng
RT: 5.011 min Scan# 295
Delta R.T. -0.000 min
Lab File: BN034534.D
Acq: 10 Oct 2024 22:55

Tgt Ion:112 Resp: 7435

Ion	Ratio	Lower	Upper
112	100		
64	55.6	48.6	72.8
63	29.1	25.6	38.4



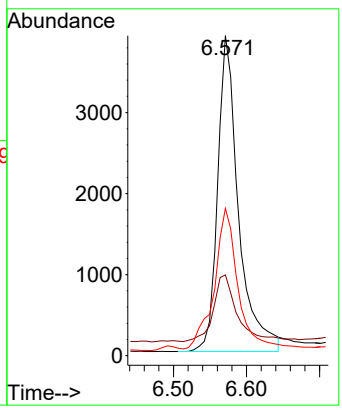


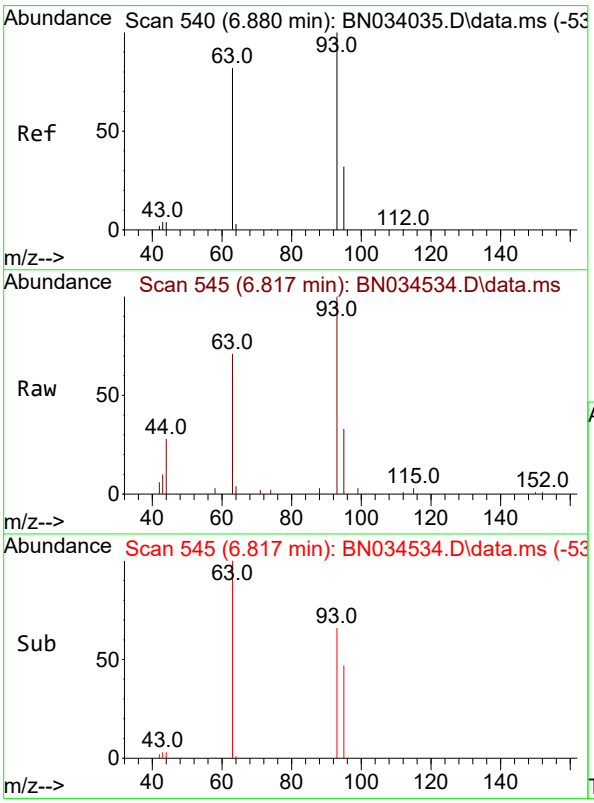
#5
Phenol-d6
Concen: 0.301 ng
RT: 6.571 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN034534.D
Acq: 10 Oct 2024 22:55

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 7751

Ion	Ratio	Lower	Upper
99	100		
42	23.8	17.8	26.8
71	49.6	26.2	39.2#

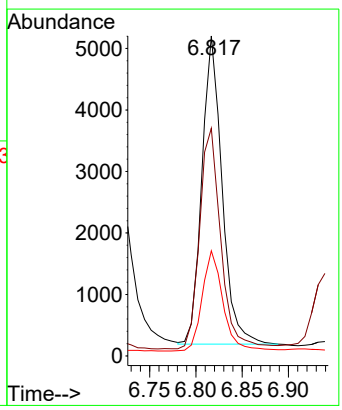


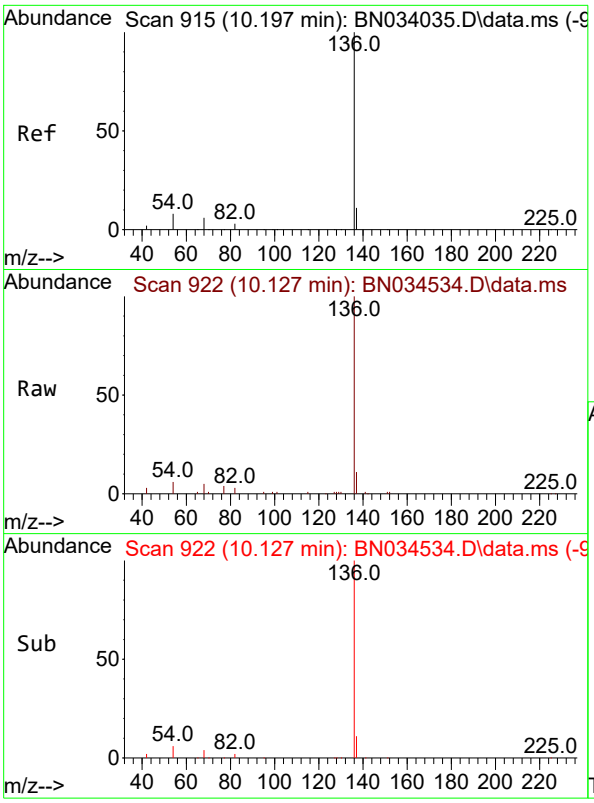


#6
bis(2-Chloroethyl)ether
Concen: 0.333 ng
RT: 6.817 min Scan# 545
Delta R.T. -0.000 min
Lab File: BN034534.D
Acq: 10 Oct 2024 22:55

Tgt Ion: 93 Resp: 7589

Ion	Ratio	Lower	Upper
93	100		
63	76.1	67.3	100.9
95	33.7	26.8	40.2



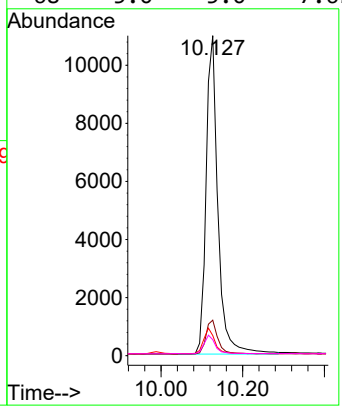


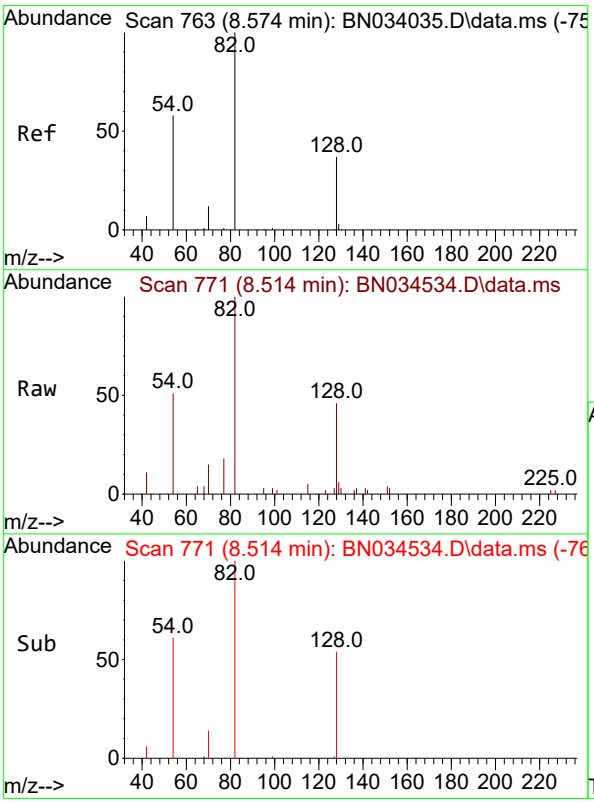
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.127 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN034534.D
Acq: 10 Oct 2024 22:55

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 22066

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	6.3	6.8	10.2#
68	5.0	5.0	7.6#

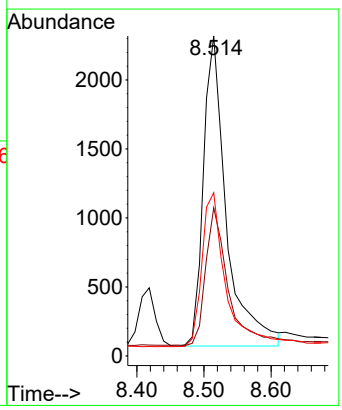


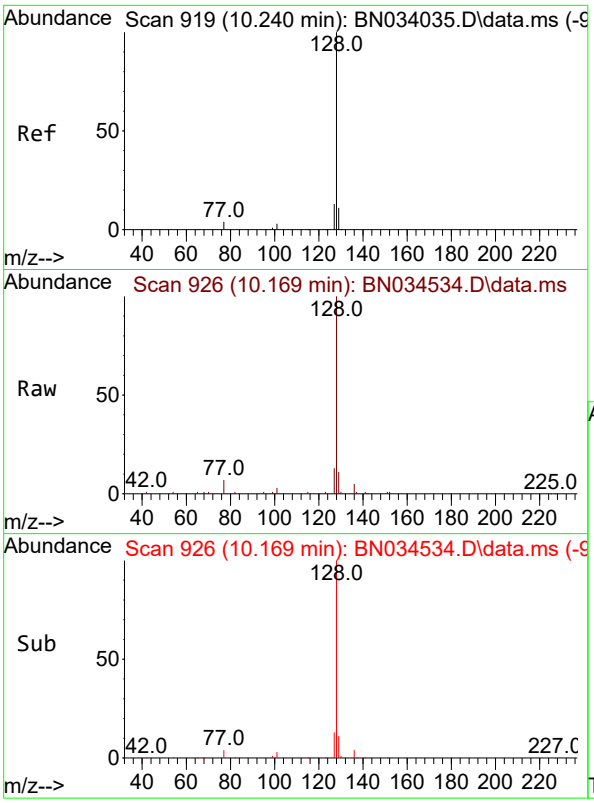


#8
Nitrobenzene-d5
Concen: 0.317 ng
RT: 8.514 min Scan# 771
Delta R.T. -0.000 min
Lab File: BN034534.D
Acq: 10 Oct 2024 22:55

Tgt Ion: 82 Resp: 5351

Ion	Ratio	Lower	Upper
82	100		
128	46.3	31.4	47.2
54	51.0	47.4	71.0



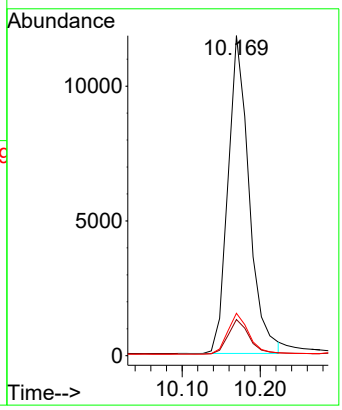


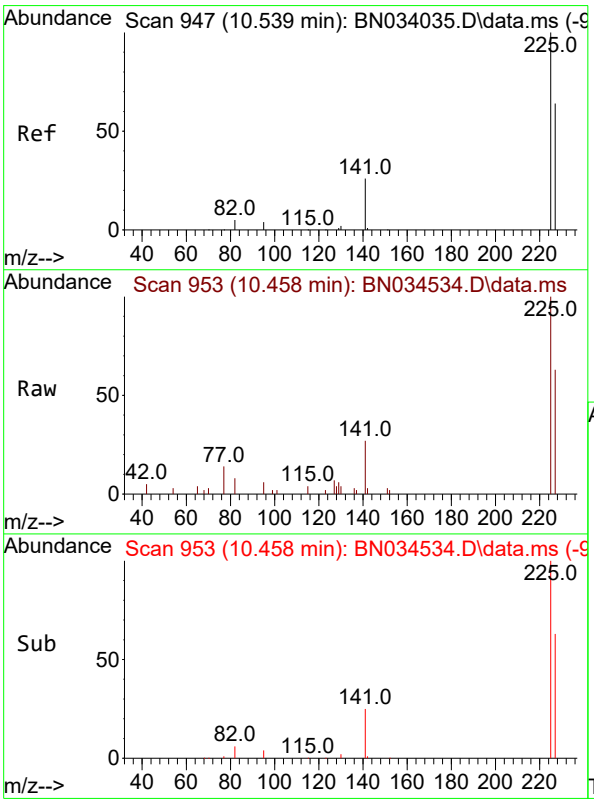
#9
Naphthalene
Concen: 0.365 ng
RT: 10.169 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN034534.D
Acq: 10 Oct 2024 22:55

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 22096

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.2	13.8
127	13.2	10.7	16.1

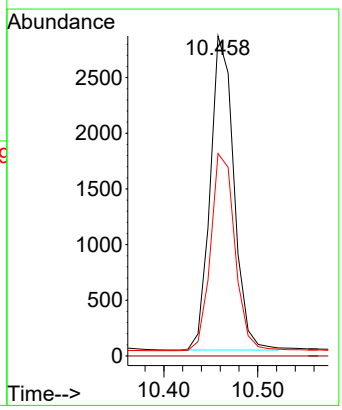


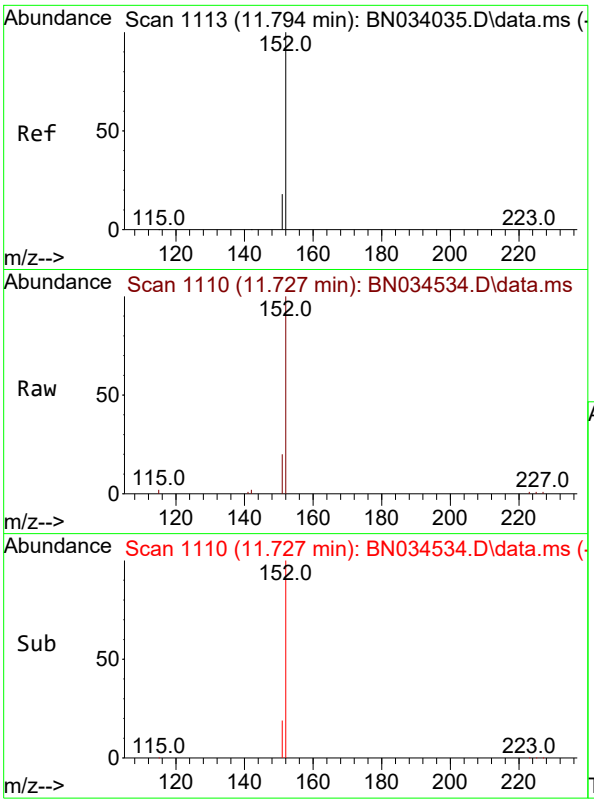


#10
Hexachlorobutadiene
Concen: 0.432 ng
RT: 10.458 min Scan# 953
Delta R.T. -0.011 min
Lab File: BN034534.D
Acq: 10 Oct 2024 22:55

Tgt Ion:225 Resp: 4925

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



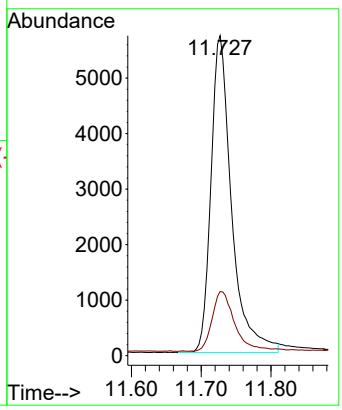


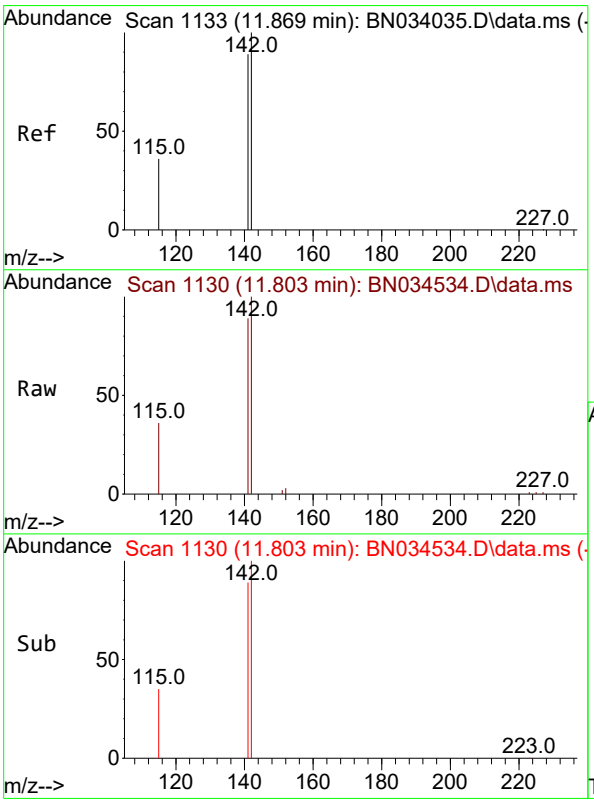
#11
2-Methylnaphthalene-d10
Concen: 0.360 ng
RT: 11.727 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN034534.D
Acq: 10 Oct 2024 22:55

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 11718

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.8	25.2

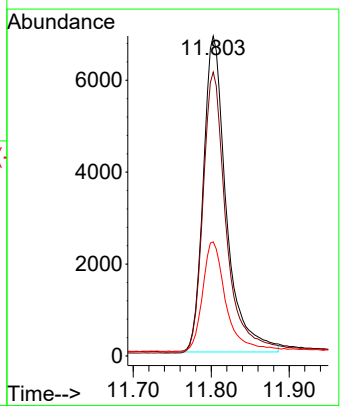


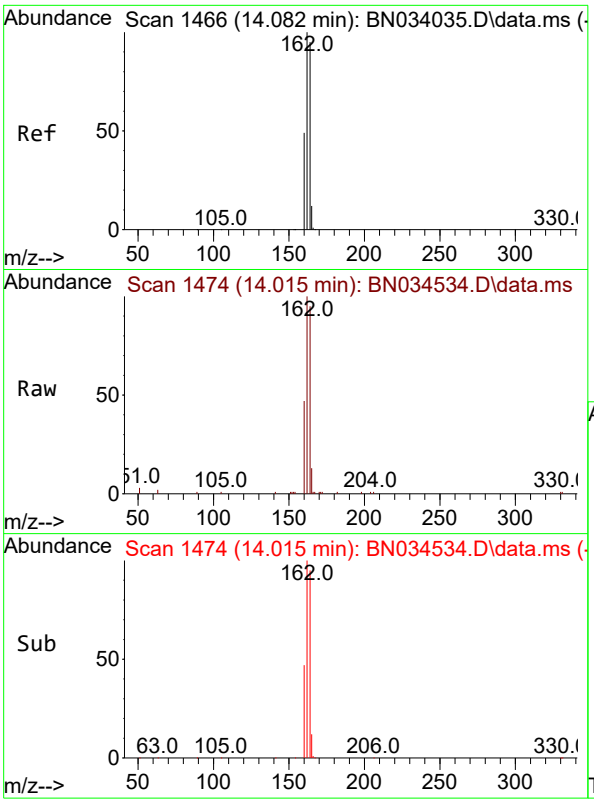


#12
2-Methylnaphthalene
Concen: 0.358 ng
RT: 11.803 min Scan# 1130
Delta R.T. -0.000 min
Lab File: BN034534.D
Acq: 10 Oct 2024 22:55

Tgt Ion:142 Resp: 14110

Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.6	107.4
115	35.7	30.0	45.0



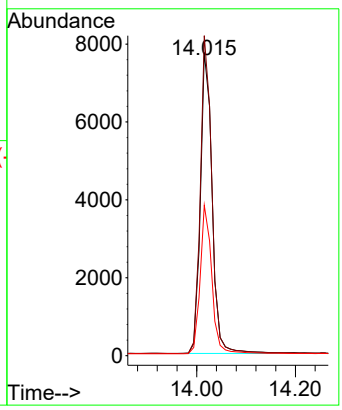


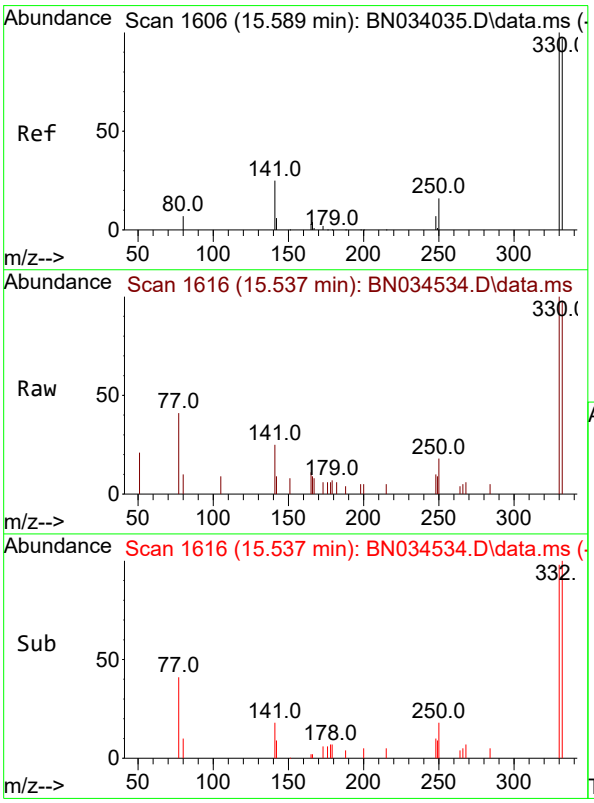
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.015 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN034534.D
Acq: 10 Oct 2024 22:55

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 12723

Ion	Ratio	Lower	Upper
164	100		
162	105.6	84.2	126.2
160	49.7	41.7	62.5

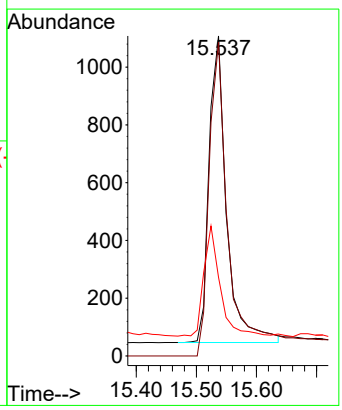


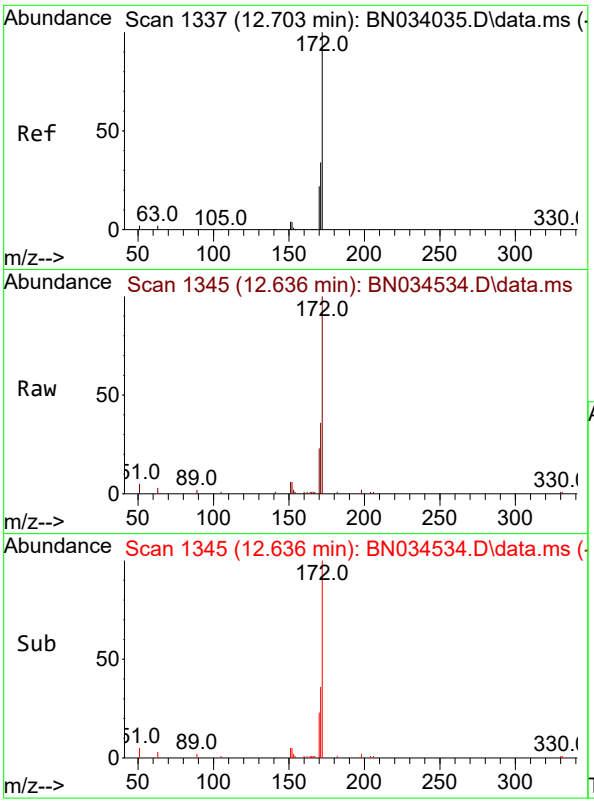


#14
2,4,6-Tribromophenol
Concen: 0.358 ng
RT: 15.537 min Scan# 1616
Delta R.T. -0.000 min
Lab File: BN034534.D
Acq: 10 Oct 2024 22:55

Tgt Ion:330 Resp: 2064

Ion	Ratio	Lower	Upper
330	100		
332	116.8	77.4	116.0#
141	33.8	35.9	53.9#



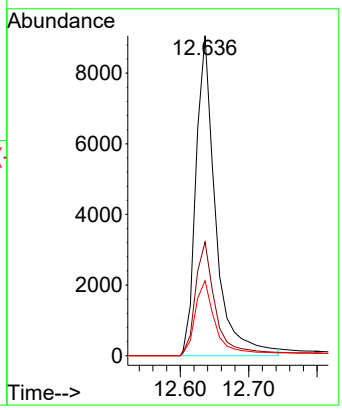


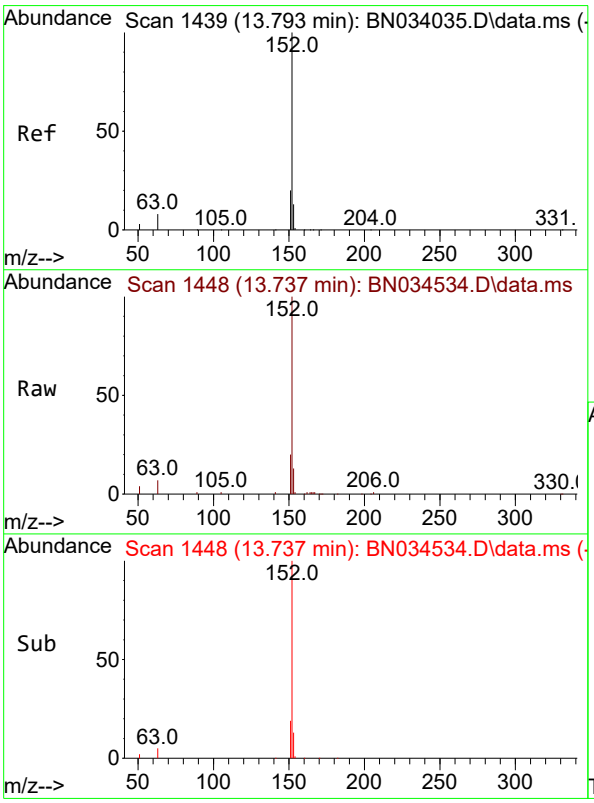
#15
2-Fluorobiphenyl
Concen: 0.320 ng
RT: 12.636 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN034534.D
Acq: 10 Oct 2024 22:55

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 16564

Ion	Ratio	Lower	Upper
172	100		
171	35.5	27.3	40.9
170	23.4	18.1	27.1

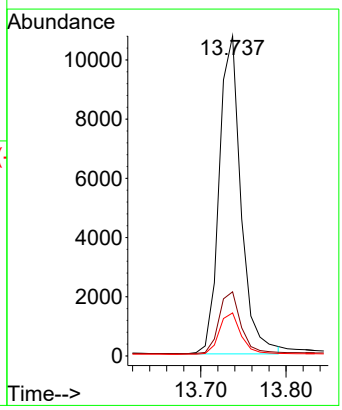


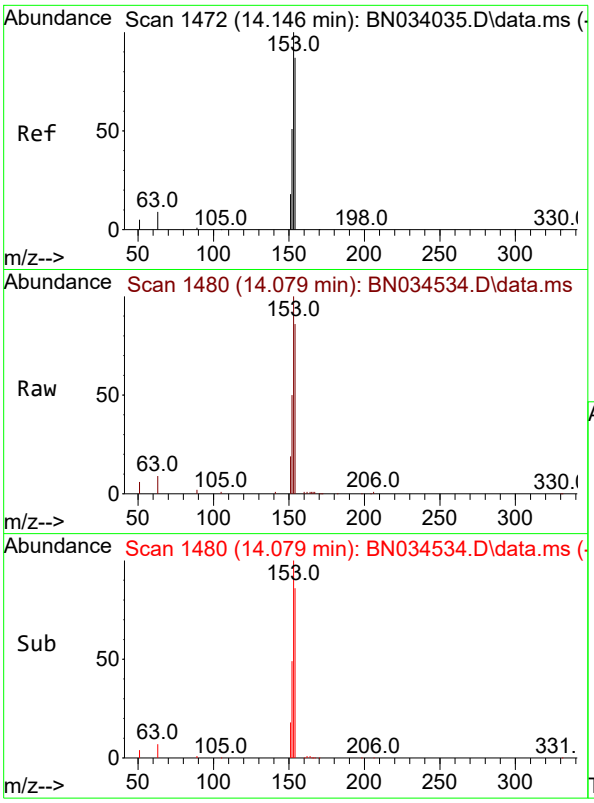


#16
Acenaphthylene
Concen: 0.350 ng
RT: 13.737 min Scan# 1448
Delta R.T. -0.000 min
Lab File: BN034534.D
Acq: 10 Oct 2024 22:55

Tgt Ion:152 Resp: 19041

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.6	23.4
153	13.1	10.3	15.5



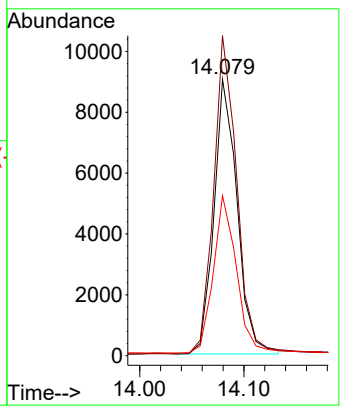


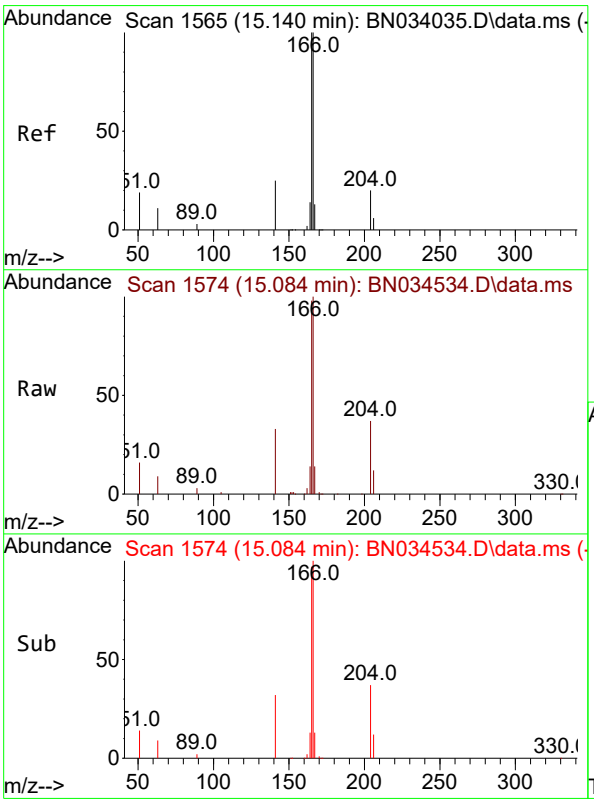
#17
Acenaphthene
Concen: 0.357 ng
RT: 14.079 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN034534.D
Acq: 10 Oct 2024 22:55

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 13956

Ion	Ratio	Lower	Upper
154	100		
153	115.0	91.6	137.4
152	56.7	47.4	71.2

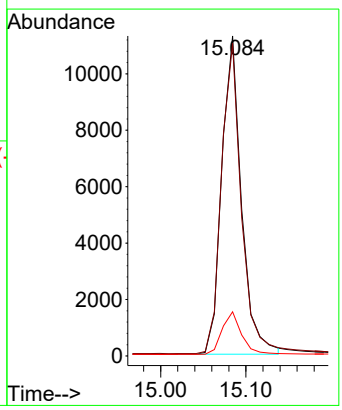


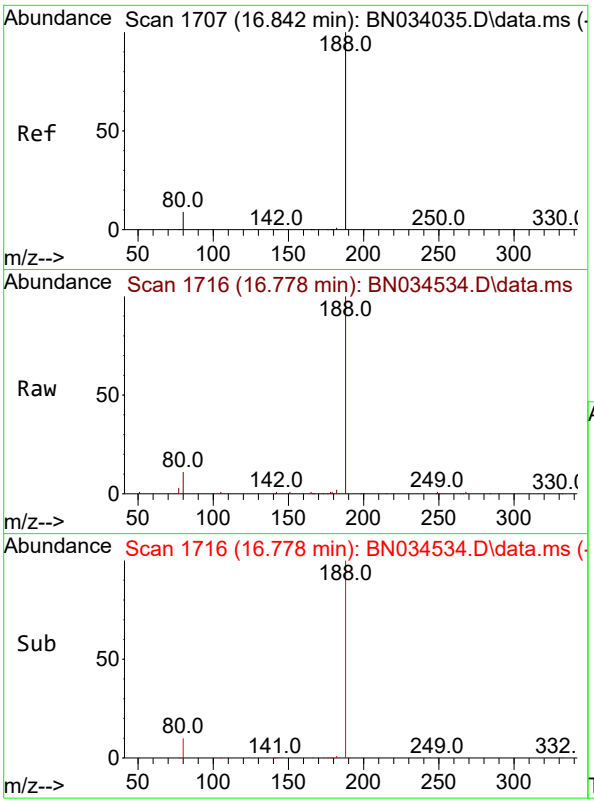


#18
Fluorene
Concen: 0.354 ng
RT: 15.084 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BN034534.D
Acq: 10 Oct 2024 22:55

Tgt Ion:166 Resp: 18139

Ion	Ratio	Lower	Upper
166	100		
165	97.9	79.1	118.7
167	13.2	10.6	15.8



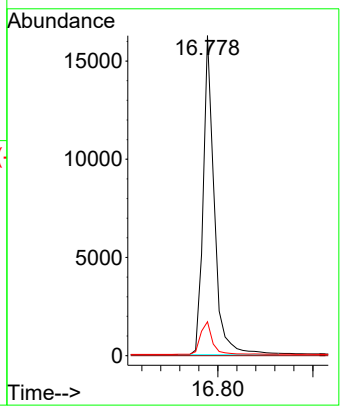


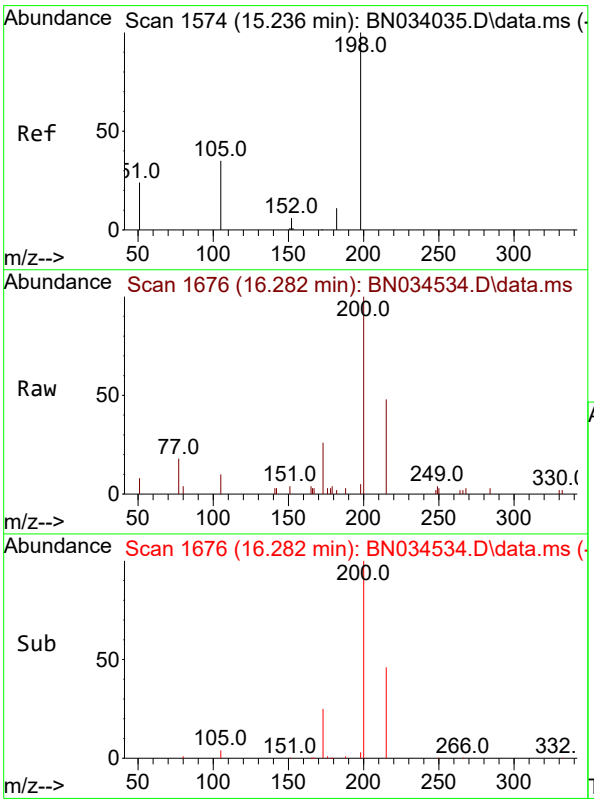
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.778 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN034534.D
Acq: 10 Oct 2024 22:55

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 26534

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.6	7.4	11.0

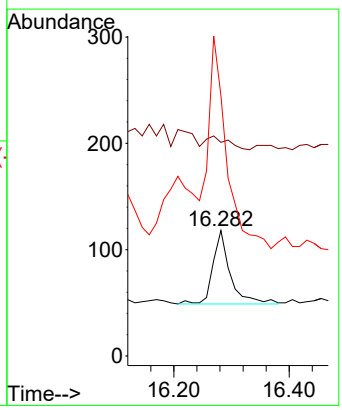


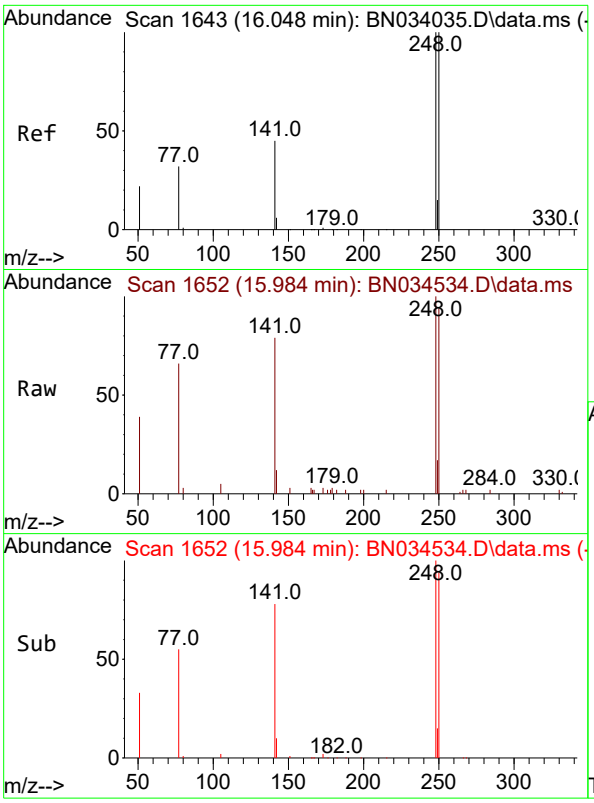


#20
4,6-Dinitro-2-methylphenol
Concen: 0.167 ng
RT: 16.282 min Scan# 1676
Delta R.T. -0.000 min
Lab File: BN034534.D
Acq: 10 Oct 2024 22:55

Tgt Ion:198 Resp: 144

Ion	Ratio	Lower	Upper
198	100		
51	170.3	106.4	159.6#
105	207.6	38.5	57.7#



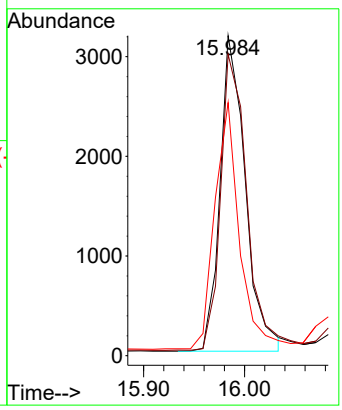


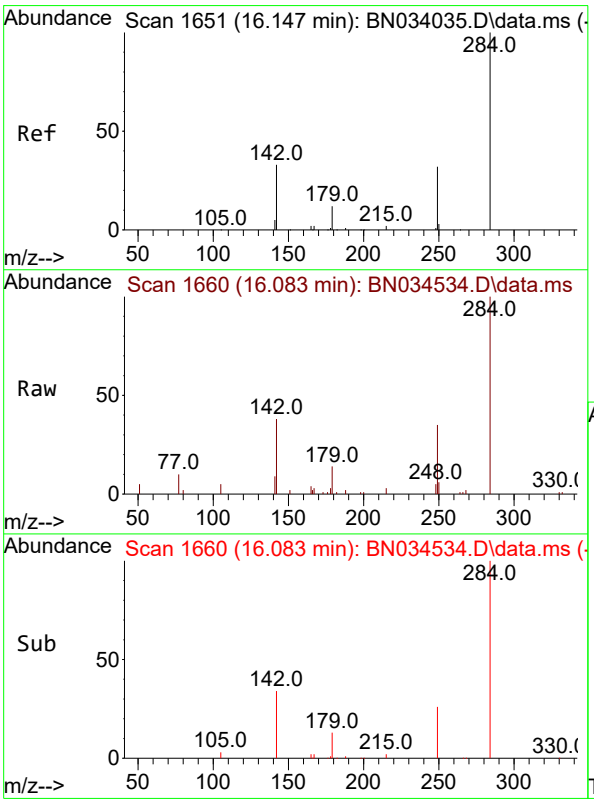
#21
4-Bromophenyl-phenylether
Concen: 0.371 ng
RT: 15.984 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN034534.D
Acq: 10 Oct 2024 22:55

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:248 Resp: 5527

Ion	Ratio	Lower	Upper
248	100		
250	94.1	80.5	120.7
141	79.1	37.1	55.7#

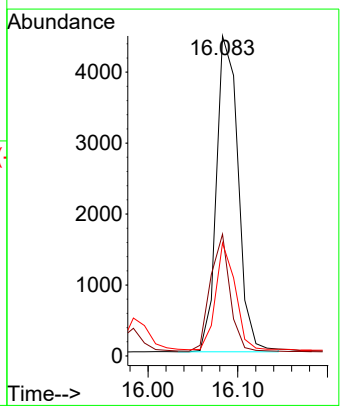


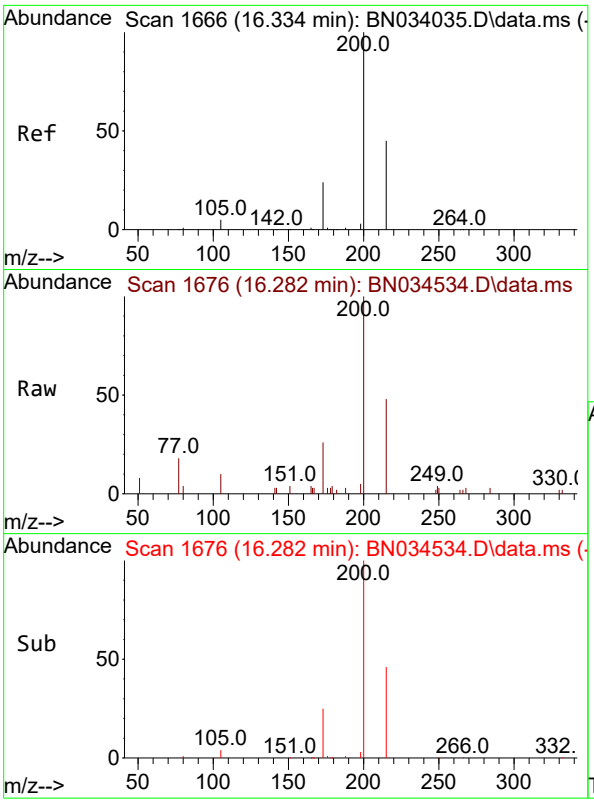


#22
Hexachlorobenzene
Concen: 0.447 ng
RT: 16.083 min Scan# 1660
Delta R.T. -0.012 min
Lab File: BN034534.D
Acq: 10 Oct 2024 22:55

Tgt Ion:284 Resp: 7468

Ion	Ratio	Lower	Upper
284	100		
142	33.1	34.5	51.7#
249	30.3	25.8	38.6



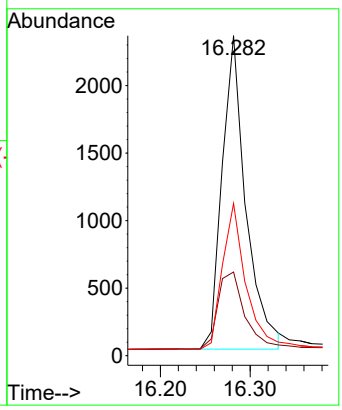


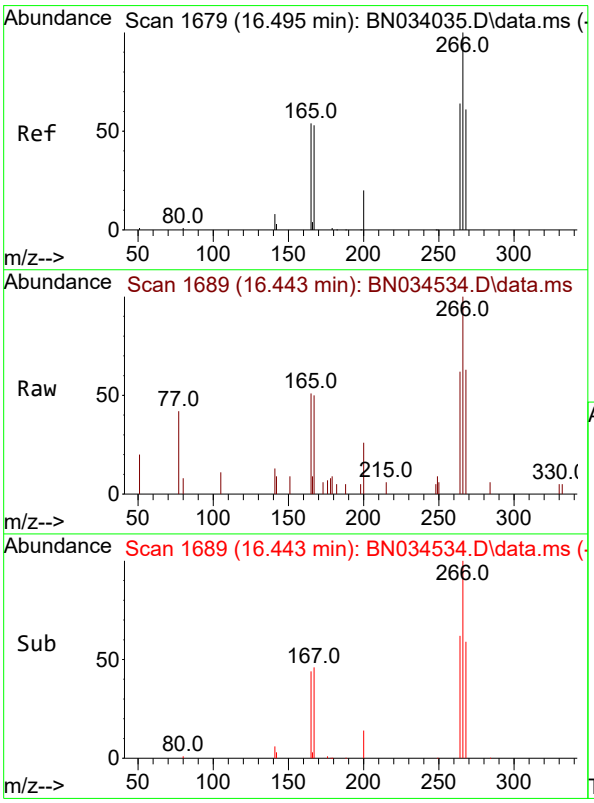
#23
Atrazine
Concen: 0.344 ng
RT: 16.282 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN034534.D
Acq: 10 Oct 2024 22:55

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:200 Resp: 4256

Ion	Ratio	Lower	Upper
200	100		
173	26.1	20.1	30.1
215	47.6	37.0	55.6

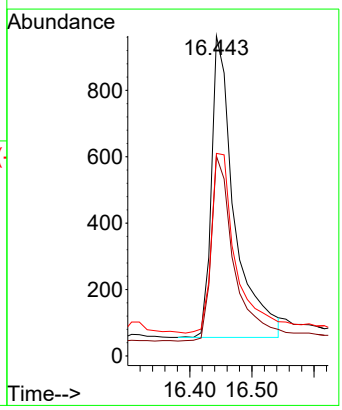


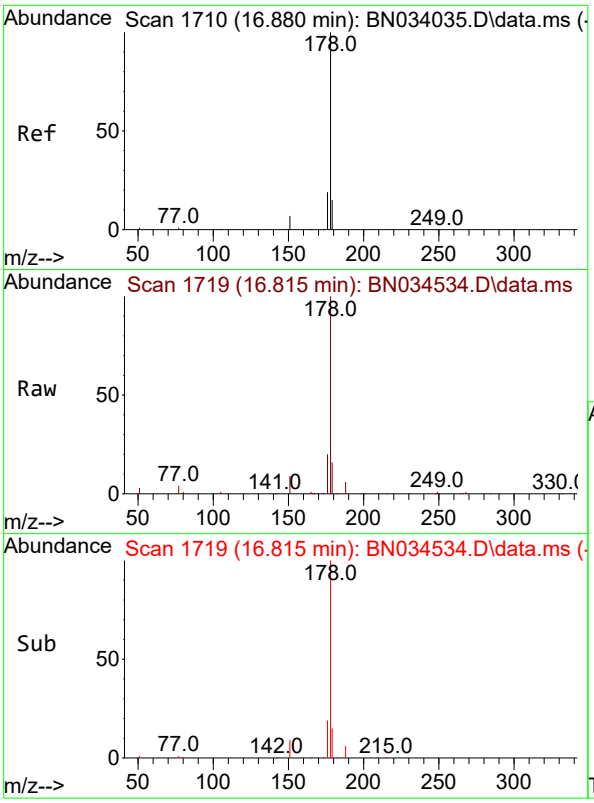


#24
Pentachlorophenol
Concen: 0.419 ng
RT: 16.443 min Scan# 1689
Delta R.T. -0.000 min
Lab File: BN034534.D
Acq: 10 Oct 2024 22:55

Tgt Ion:266 Resp: 2316

Ion	Ratio	Lower	Upper
266	100		
264	61.8	50.2	75.2
268	63.5	51.0	76.4



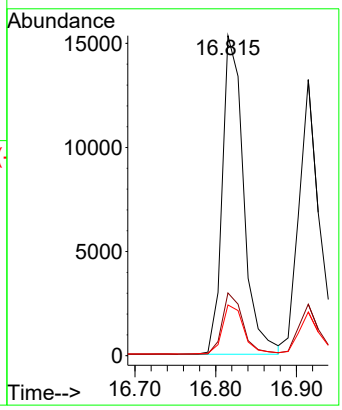


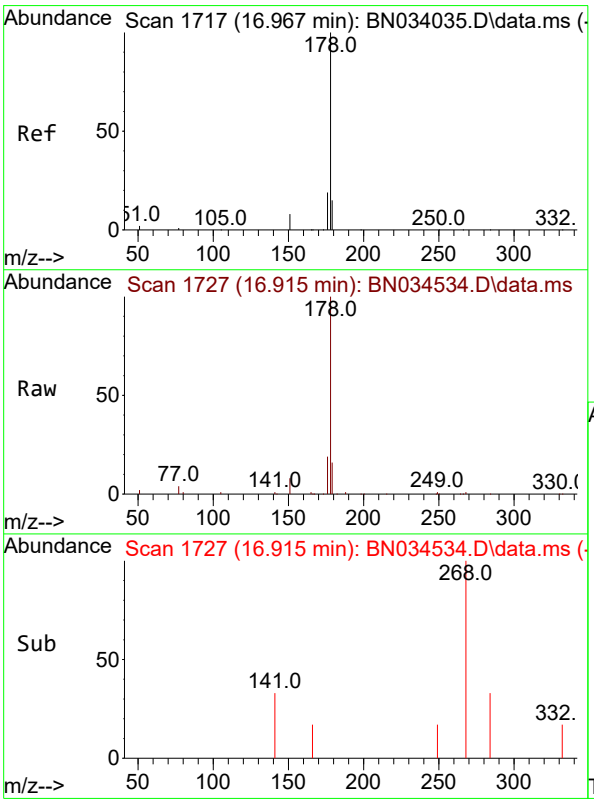
#25
Phenanthrene
Concen: 0.368 ng
RT: 16.815 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN034534.D
Acq: 10 Oct 2024 22:55

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 28058

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.3	22.9
179	15.6	12.1	18.1

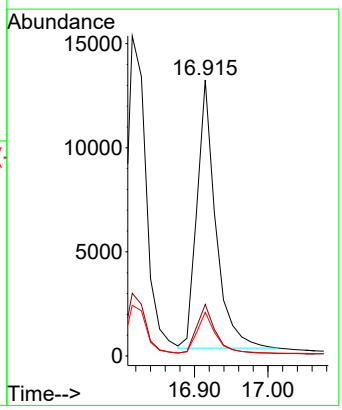


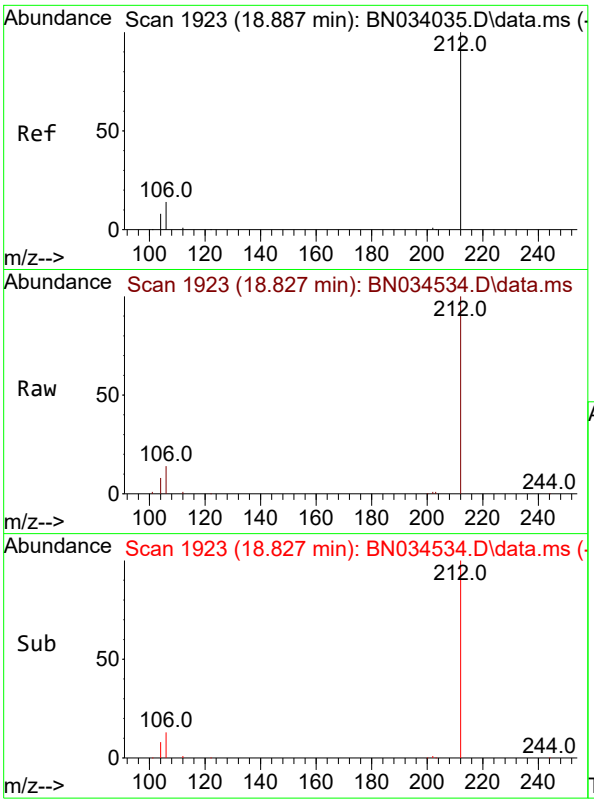


#26
Anthracene
Concen: 0.366 ng
RT: 16.915 min Scan# 1727
Delta R.T. -0.000 min
Lab File: BN034534.D
Acq: 10 Oct 2024 22:55

Tgt Ion:178 Resp: 22768

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.0	22.6
179	15.2	12.2	18.4



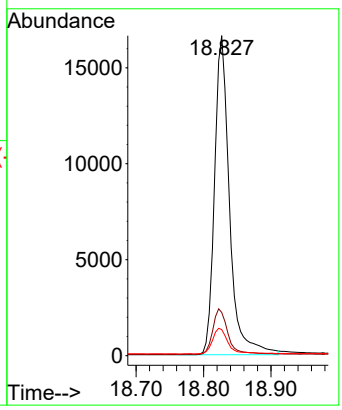


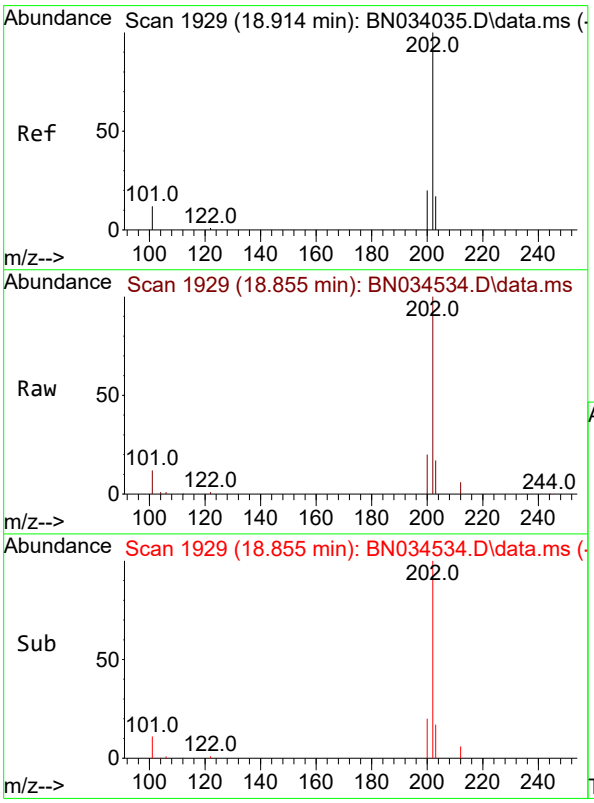
#27
Fluoranthene-d10
Concen: 0.383 ng
RT: 18.827 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN034534.D
Acq: 10 Oct 2024 22:55

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 25609

Ion	Ratio	Lower	Upper
212	100		
106	14.5	13.4	20.2
104	8.3	7.8	11.6

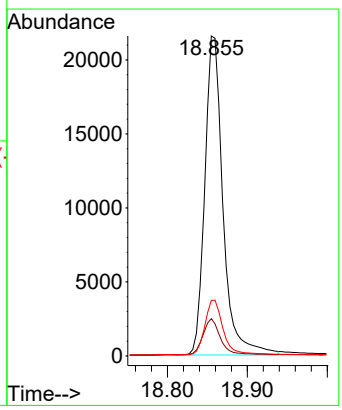


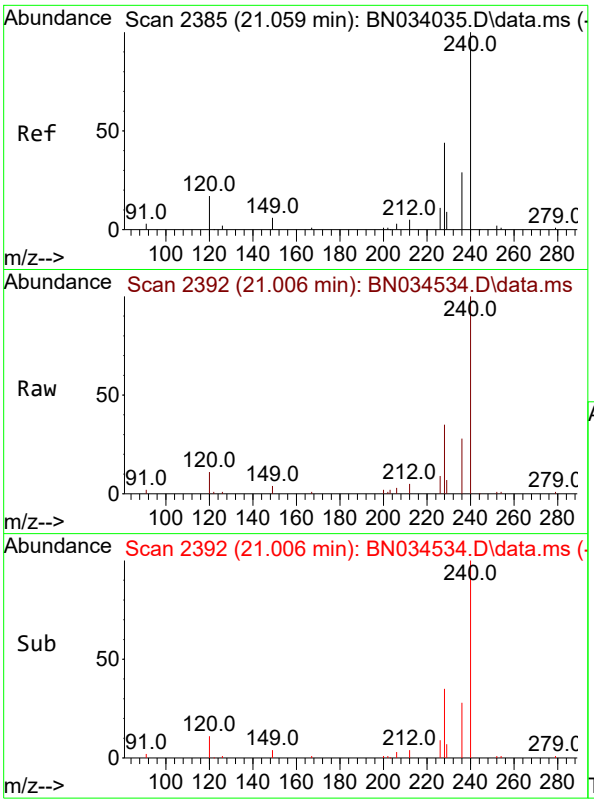


#28
Fluoranthene
Concen: 0.386 ng
RT: 18.855 min Scan# 1929
Delta R.T. -0.000 min
Lab File: BN034534.D
Acq: 10 Oct 2024 22:55

Tgt Ion:202 Resp: 34061

Ion	Ratio	Lower	Upper
202	100		
101	11.0	10.1	15.1
203	17.1	13.6	20.4



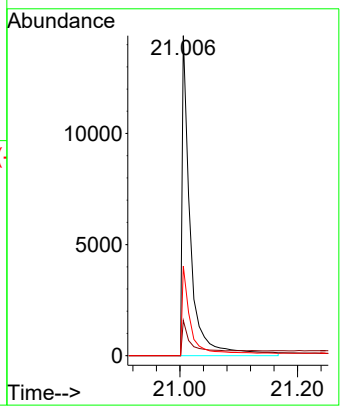


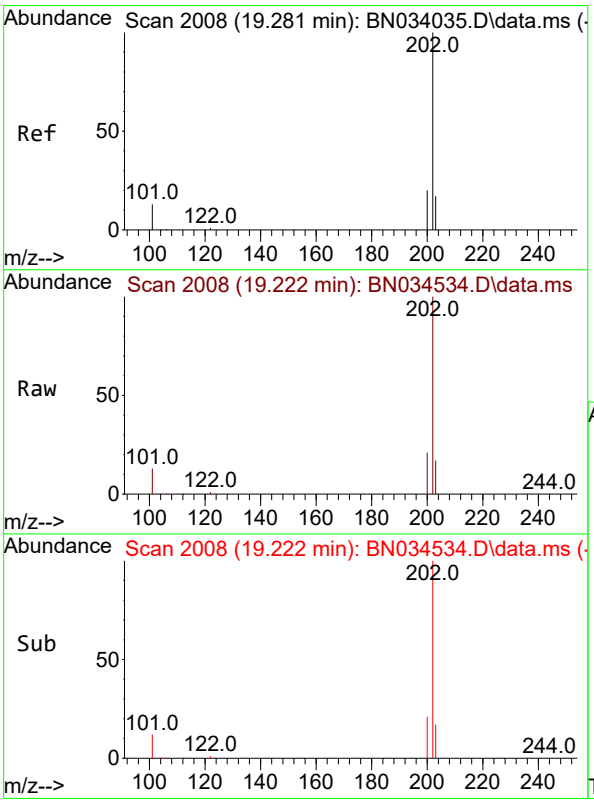
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.006 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN034534.D
Acq: 10 Oct 2024 22:55

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 15225

Ion	Ratio	Lower	Upper
240	100		
120	11.0	13.5	20.3#
236	28.0	23.4	35.0

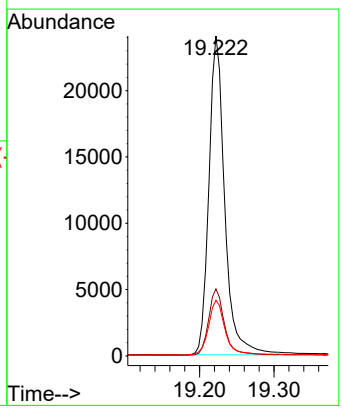


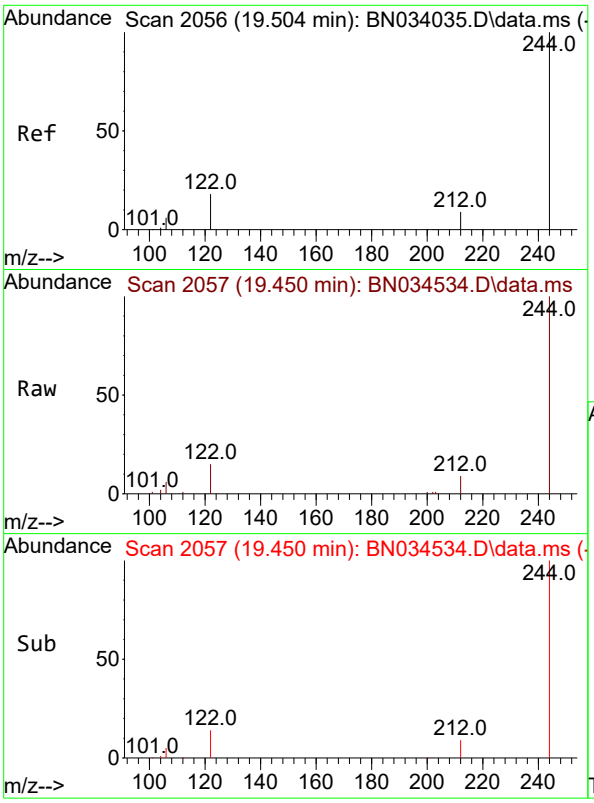


#30
Pyrene
Concen: 0.552 ng
RT: 19.222 min Scan# 2008
Delta R.T. -0.000 min
Lab File: BN034534.D
Acq: 10 Oct 2024 22:55

Tgt Ion:202 Resp: 35485

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	25.0
203	17.7	14.3	21.5



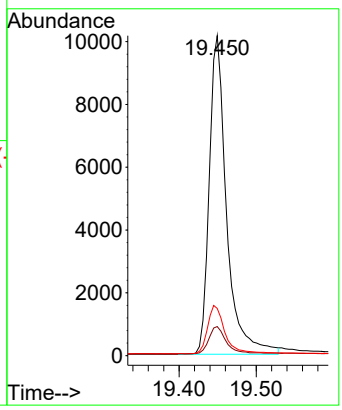


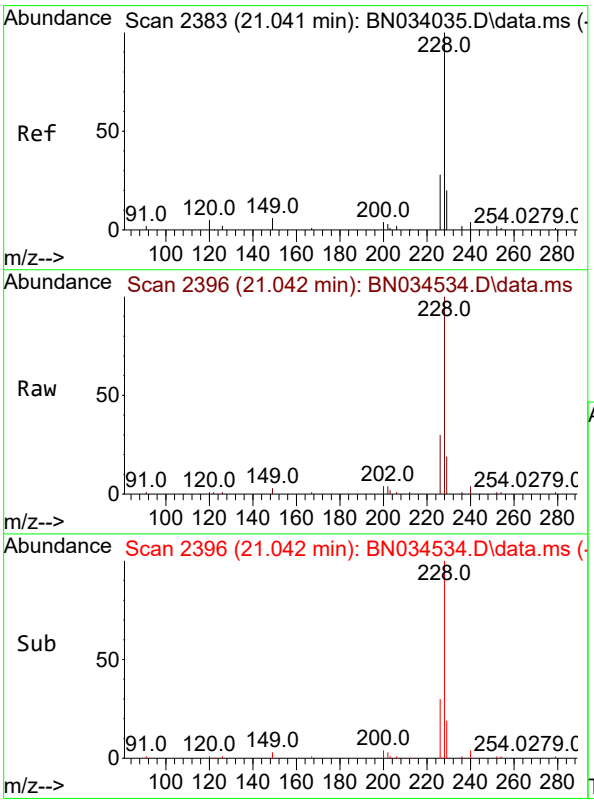
#31
Terphenyl-d14
Concen: 0.521 ng
RT: 19.450 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN034534.D
Acq: 10 Oct 2024 22:55

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 15846

Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.8	11.6
122	14.8	14.8	22.2#

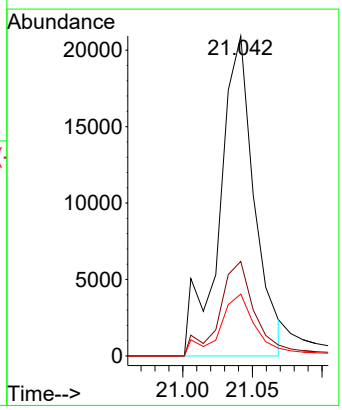


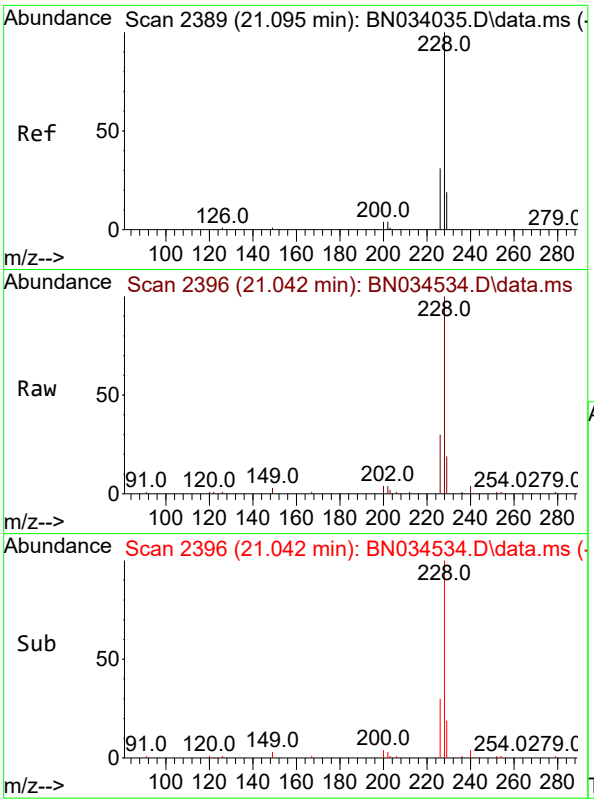


#32
Benzo(a)anthracene
Concen: 0.687 ng
RT: 21.042 min Scan# 2396
Delta R.T. 0.036 min
Lab File: BN034534.D
Acq: 10 Oct 2024 22:55

Tgt Ion:228 Resp: 33113

Ion	Ratio	Lower	Upper
228	100		
226	29.5	22.3	33.5
229	19.3	15.7	23.5



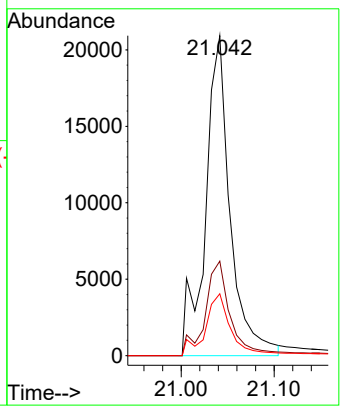


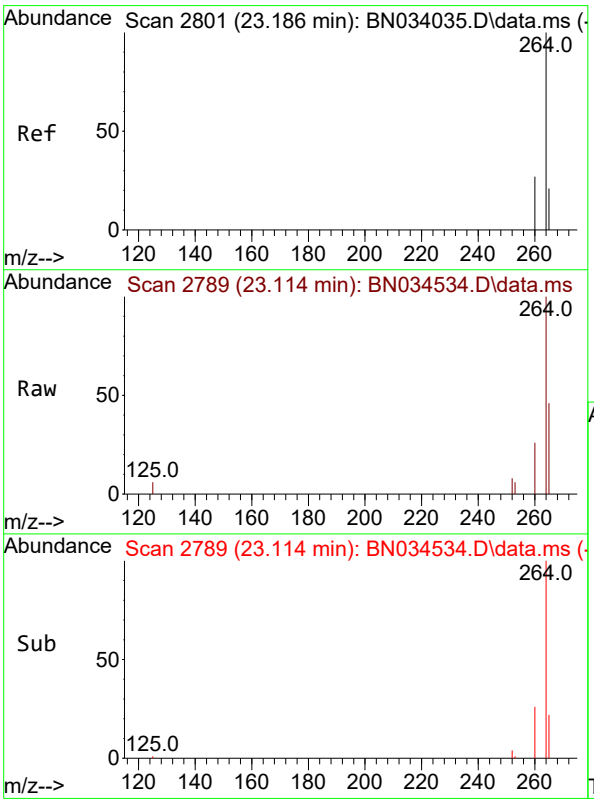
#33
Chrysene
Concen: 0.632 ng
RT: 21.042 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN034534.D
Acq: 10 Oct 2024 22:55

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 36334

Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.6	37.0
229	19.3	15.5	23.3

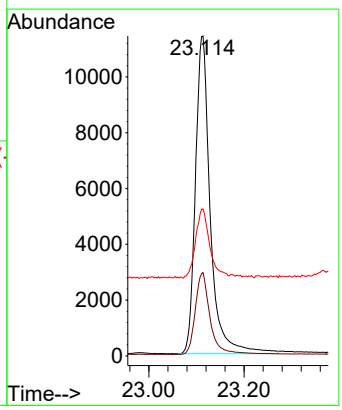


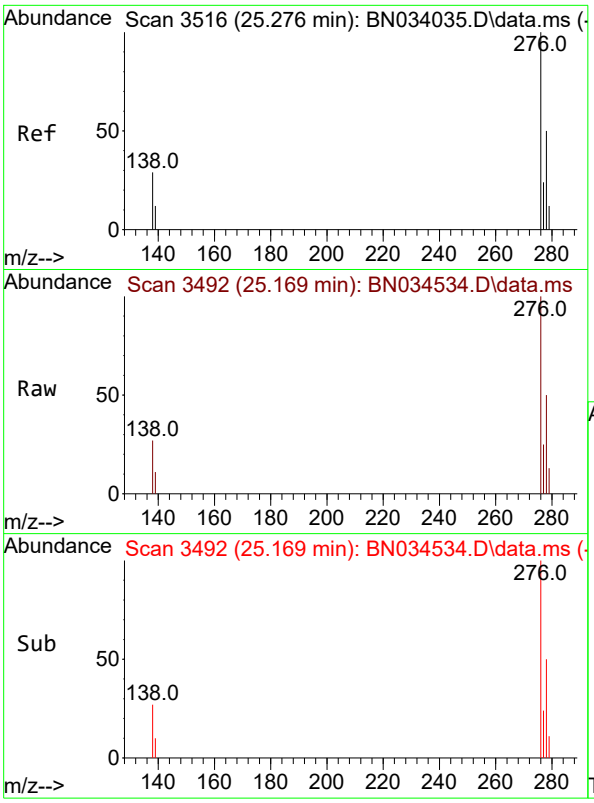


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.114 min Scan# 2789
Delta R.T. -0.000 min
Lab File: BN034534.D
Acq: 10 Oct 2024 22:55

Tgt Ion:264 Resp: 24662

Ion	Ratio	Lower	Upper
264	100		
260	26.1	21.7	32.5
265	45.9	52.1	78.1#



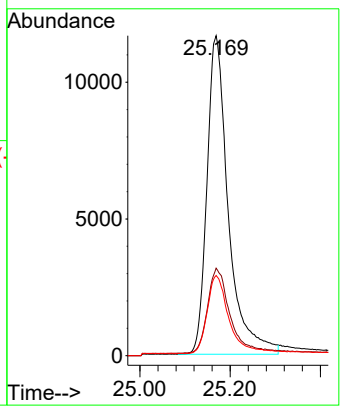


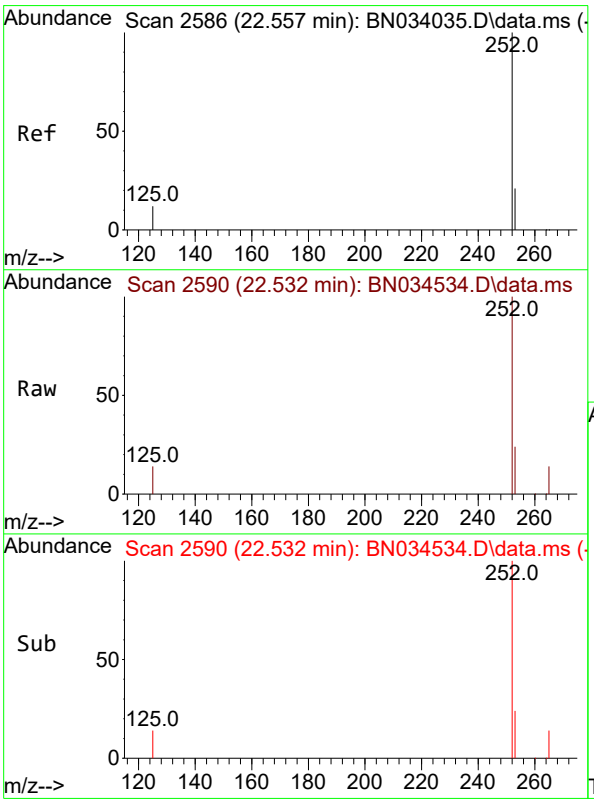
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.363 ng
RT: 25.169 min Scan# 34
Delta R.T. -0.000 min
Lab File: BN034534.D
Acq: 10 Oct 2024 22:55

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 38353

Ion	Ratio	Lower	Upper
276	100		
138	27.6	25.9	38.9
277	24.9	19.7	29.5

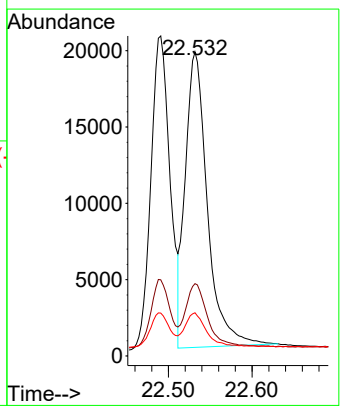


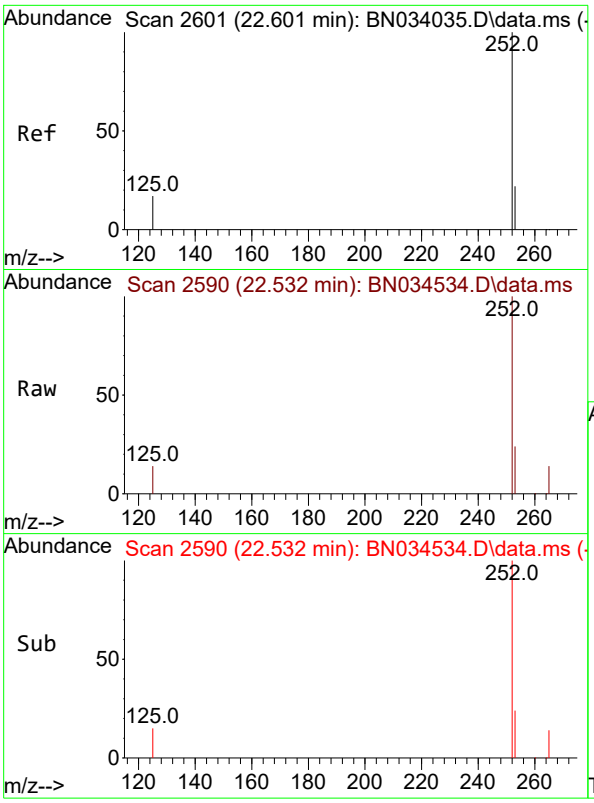


#37
Benzo(b)fluoranthene
Concen: 0.367 ng
RT: 22.532 min Scan# 2590
Delta R.T. 0.038 min
Lab File: BN034534.D
Acq: 10 Oct 2024 22:55

Tgt Ion:252 Resp: 35445

Ion	Ratio	Lower	Upper
252	100		
253	23.8	19.6	29.4
125	14.2	13.8	20.8



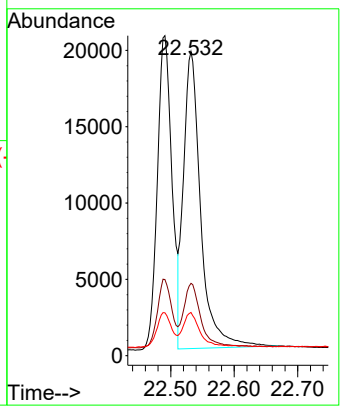


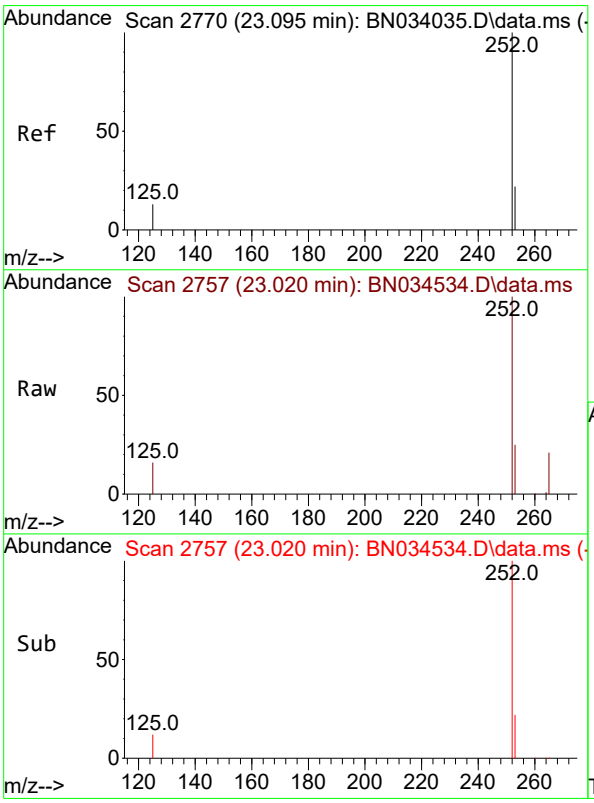
#38
Benzo(k)fluoranthene
Concen: 0.361 ng
RT: 22.532 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN034534.D
Acq: 10 Oct 2024 22:55

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 36641

Ion	Ratio	Lower	Upper
252	100		
253	23.8	20.1	30.1
125	14.2	16.8	25.2#

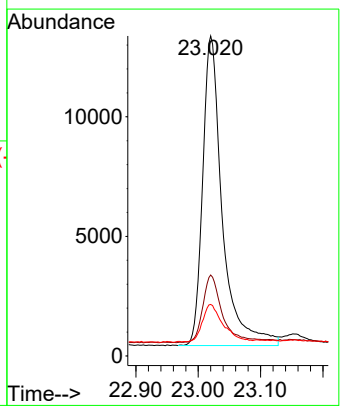


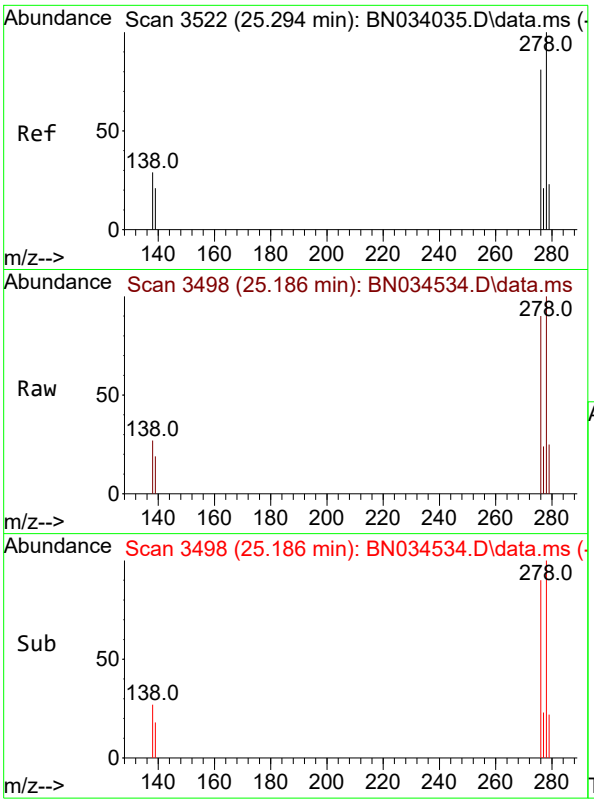


#39
Benzo(a)pyrene
Concen: 0.360 ng
RT: 23.020 min Scan# 2757
Delta R.T. -0.003 min
Lab File: BN034534.D
Acq: 10 Oct 2024 22:55

Tgt Ion:252 Resp: 28345

Ion	Ratio	Lower	Upper
252	100		
253	25.3	21.8	32.8
125	16.1	17.5	26.3#



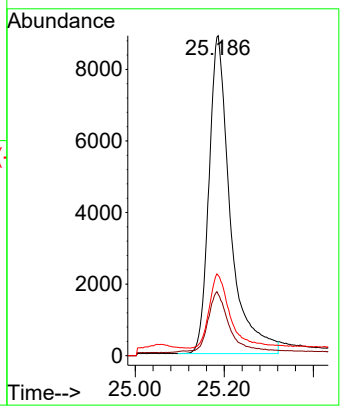


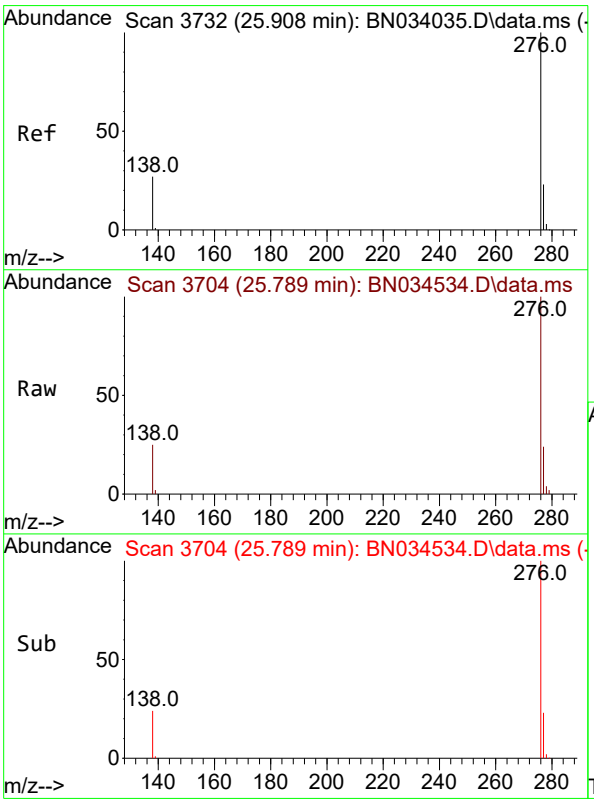
#40
Dibenzo(a,h)anthracene
Concen: 0.361 ng
RT: 25.186 min Scan# 34
Delta R.T. -0.000 min
Lab File: BN034534.D
Acq: 10 Oct 2024 22:55

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:278 Resp: 29603

Ion	Ratio	Lower	Upper
278	100		
139	19.2	17.8	26.8
279	25.1	21.0	31.6





#41
Benzo(g,h,i)perylene
Concen: 0.380 ng
RT: 25.789 min Scan# 3704
Delta R.T. -0.006 min
Lab File: BN034534.D
Acq: 10 Oct 2024 22:55

Tgt Ion:276 Resp: 35082

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.3	28.9
138	24.7	22.6	34.0