Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081622\
Data File : BN021244.D
Acq On : 15 Aug 2022 20:31
Operator : CG/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Quant Time: Aug 16 05:53:18 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN081622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 16 05:49:47 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.776	152	3923	0.400	ng		0.00
7) Naphthalene-d8	10.571	136	10564	0.400	ng		-0.01
13) Acenaphthene-d10	14.429	164	5994	0.400	ng		0.00
19) Phenanthrene-d10	17.182	188	9917	0.400	ng	#	0.00
29) Chrysene-d12	21.386	240	9332	0.400	ng	#	0.00
35) Perylene-d12	23.717	264	6246	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.357	112	46154	4.406	ng		-0.02
5) Phenol-d6	6.960	99	64006	5.206	ng		-0.02
8) Nitrobenzene-d5	8.926	82	46682	5.181	ng		-0.03
11) 2-Methylnaphthalene-d10	12.172	152	87989	4.893	ng		-0.01
14) 2,4,6-Tribromophenol	15.921	330	11505	5.343	ng		-0.02
15) 2-Fluorobiphenyl	13.050	172	119190	4.966	ng		-0.01
27) Fluoranthene-d10	19.219	212	164353	5.653	ng		0.00
31) Terphenyl-d14	19.821	244	117236	5.143	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.226	88	21761	4.162	ng		96
3) n-Nitrosodimethylamine	3.551	42	24178	5.784	ng	#	94
6) bis(2-Chloroethyl)ether	7.198	93	53886	5.083	ng		98
9) Naphthalene	10.613	128	154321	4.870	ng		99
10) Hexachlorobutadiene	10.923	225	26339	4.570	ng	#	100
12) 2-Methylnaphthalene	12.244	142	102157	4.926	ng		99
16) Acenaphthylene	14.140	152	155632	5.415	ng		100
17) Acenaphthene	14.493	154	96569	4.942	ng		99
18) Fluorene	15.477	166	117364	4.660	ng		100
20) 4,6-Dinitro-2-methylph...	15.573	198	10543	9.274	ng	#	48
21) 4-Bromophenyl-phenylether	16.372	248	36411	6.412	ng		93
22) Hexachlorobenzene	16.495	284	37401	5.806	ng		99
23) Atrazine	16.649	200	23732	5.371	ng		93
24) Pentachlorophenol	16.844	266	11824	7.650	ng		97
25) Phenanthrene	17.223	178	168627	5.107	ng		100
26) Anthracene	17.316	178	160754	5.641	ng		99
28) Fluoranthene	19.248	202	218851	6.067	ng		98
30) Pyrene	19.611	202	219586	5.373	ng		100
32) Benzo(a)anthracene	21.368	228	178196	5.531	ng		97
33) Chrysene	21.422	228	180977	4.861	ng		100
34) Bis(2-ethylhexyl)phtha...	21.306	149	106232	5.641	ng		99
36) Indeno(1,2,3-cd)pyrene	26.106	276	140643	5.100	ng		97
37) Benzo(b)fluoranthene	23.001	252	144566	5.996	ng	#	89
38) Benzo(k)fluoranthene	23.047	252	150831	5.949	ng		92
39) Benzo(a)pyrene	23.606	252	114454	5.515	ng	#	78
40) Dibenzo(a,h)anthracene	26.120	278	110516	5.018	ng	#	90
41) Benzo(g,h,i)perylene	26.842	276	119555	4.912	ng		96

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081622\
Data File : BN021244.D
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Misc :
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Instrument :
BNA_N
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Quant Time: Aug 16 05:53:18 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN081622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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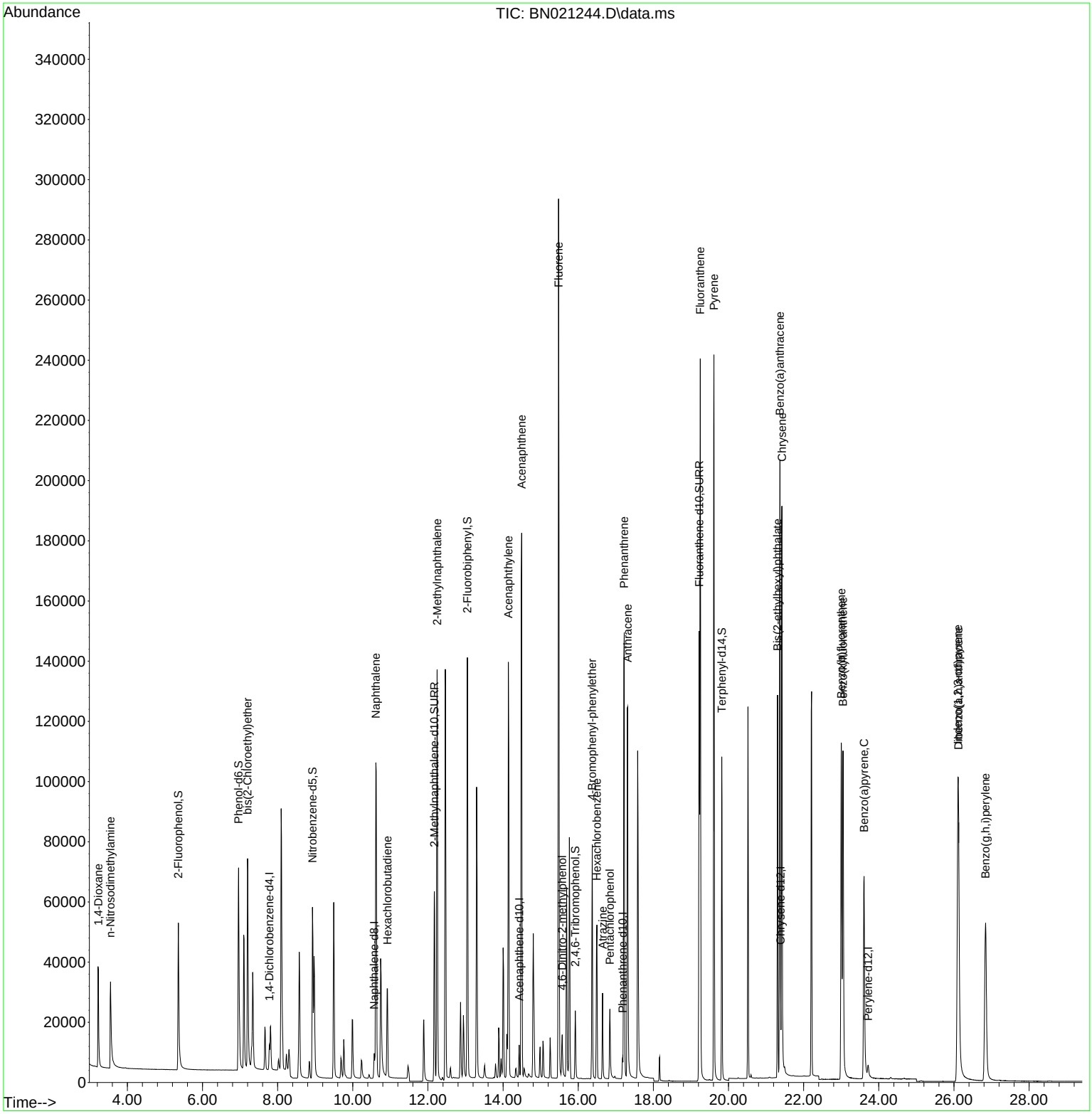
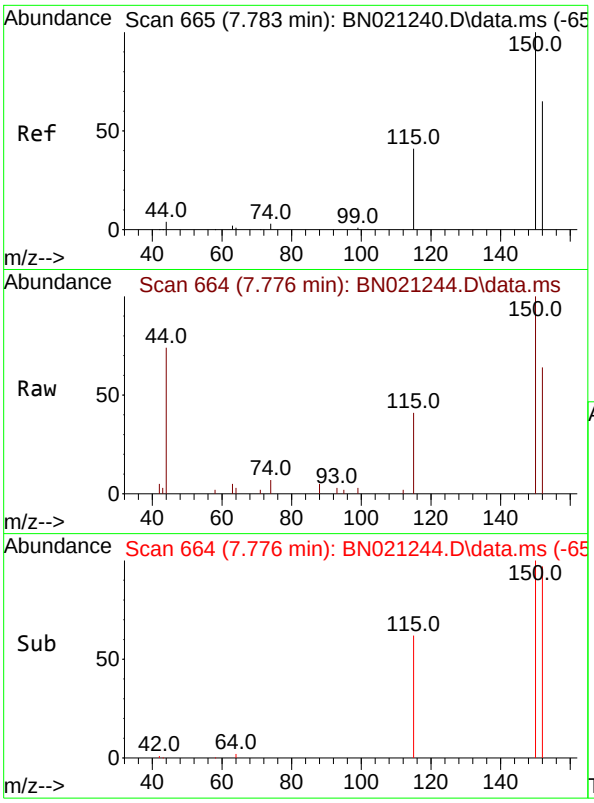


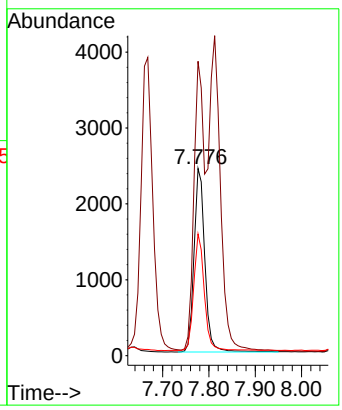


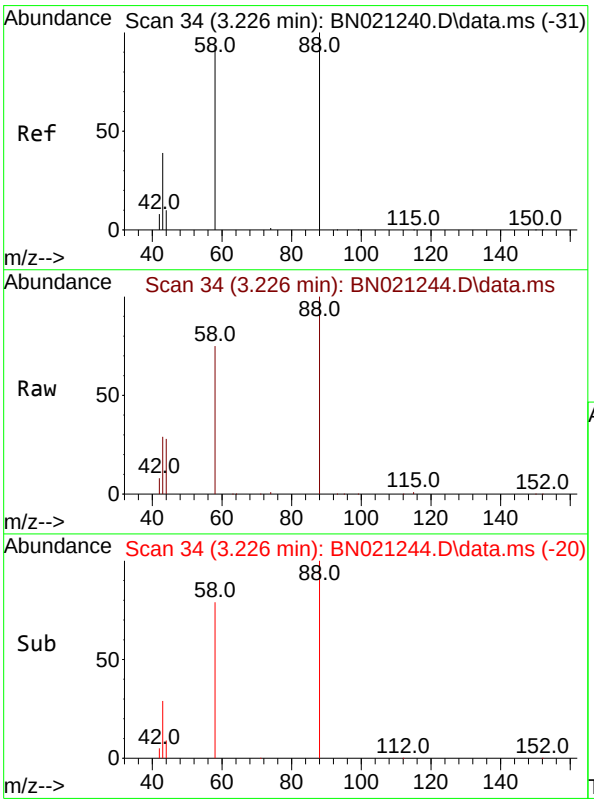
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.776 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN021244.D
Acq: 15 Aug 2022 20:31

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:152 Resp: 3923

Ion	Ratio	Lower	Upper
152	100		
150	157.3	123.1	184.7
115	65.0	52.2	78.4

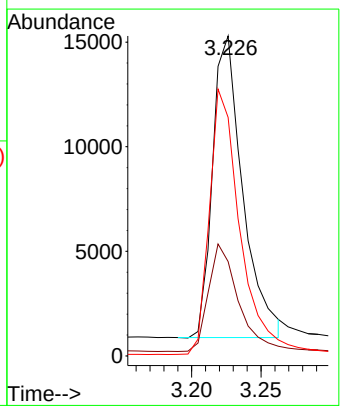


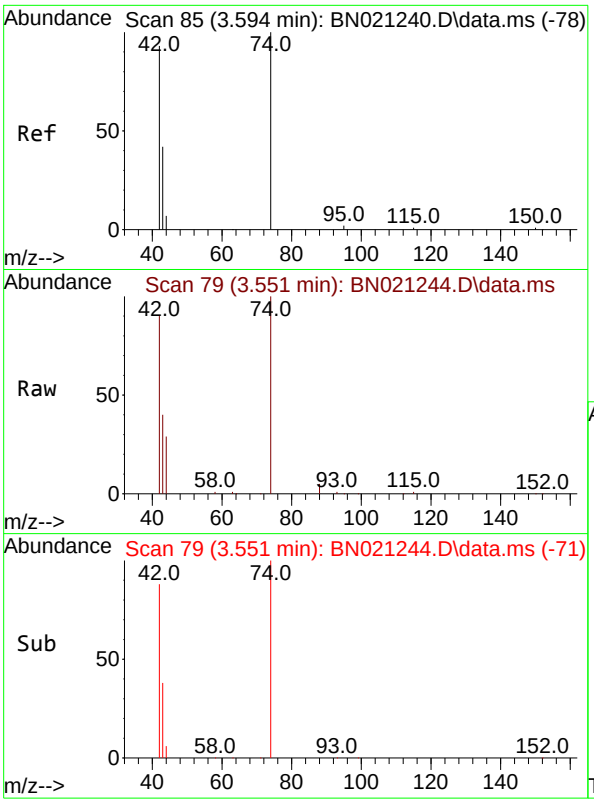


#2
1,4-Dioxane
Concen: 4.162 ng
RT: 3.226 min Scan# 34
Delta R.T. 0.000 min
Lab File: BN021244.D
Acq: 15 Aug 2022 20:31

Tgt Ion: 88 Resp: 21761

Ion	Ratio	Lower	Upper
88	100		
43	35.2	28.6	42.8
58	88.1	74.5	111.7



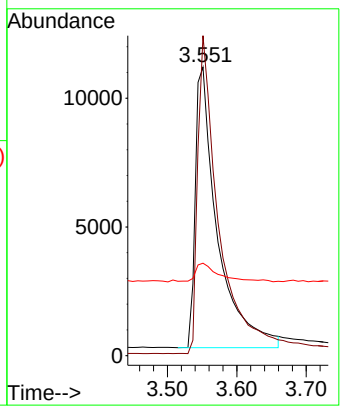


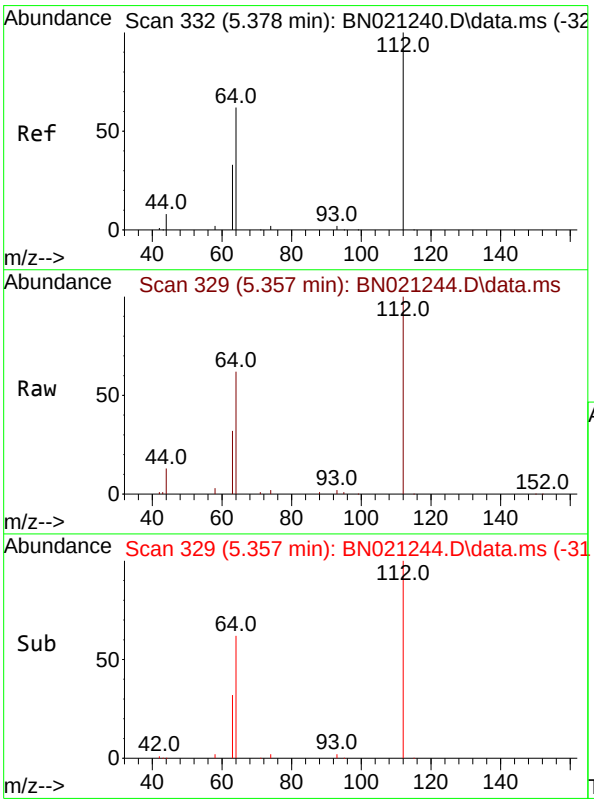
#3
n-Nitrosodimethylamine
Concen: 5.784 ng
RT: 3.551 min Scan# 7
Delta R.T. -0.043 min
Lab File: BN021244.D
Acq: 15 Aug 2022 20:31

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion: 42 Resp: 24178

Ion	Ratio	Lower	Upper
42	100		
74	108.8	82.4	123.6
44	7.0	2.7	4.1#

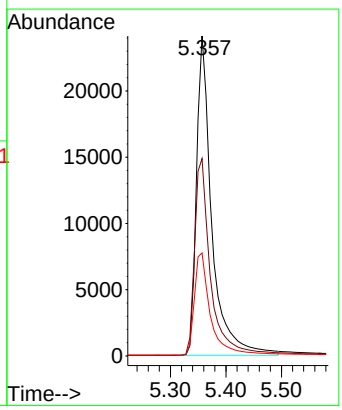


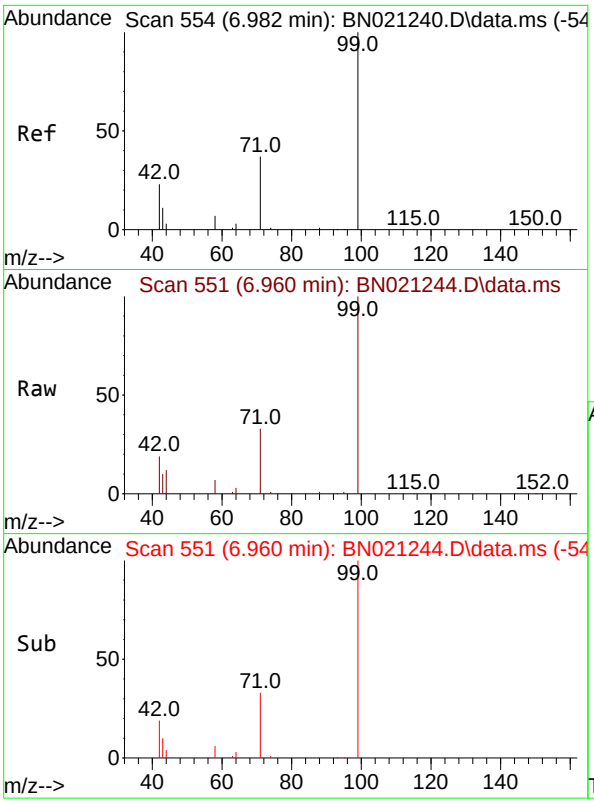


#4
2-Fluorophenol
Concen: 4.406 ng
RT: 5.357 min Scan# 329
Delta R.T. -0.022 min
Lab File: BN021244.D
Acq: 15 Aug 2022 20:31

Tgt Ion:112 Resp: 46154

Ion	Ratio	Lower	Upper
112	100		
64	63.8	52.0	78.0
63	33.5	27.5	41.3



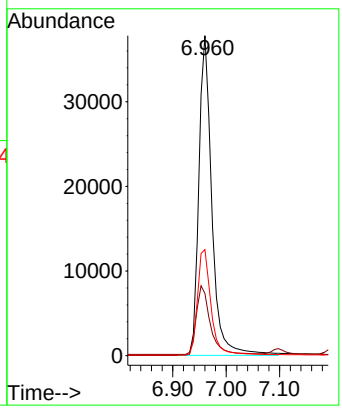


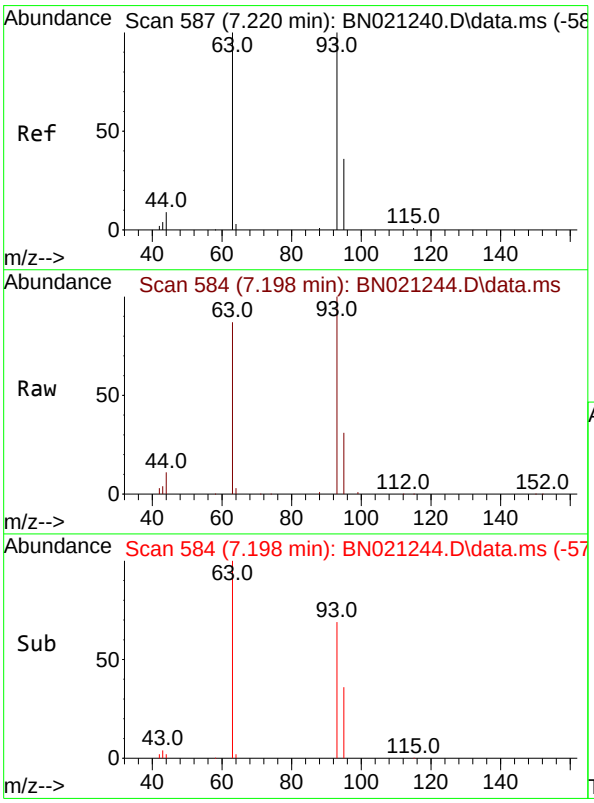
#5
Phenol-d6
Concen: 5.206 ng
RT: 6.960 min Scan# 5
Delta R.T. -0.021 min
Lab File: BN021244.D
Acq: 15 Aug 2022 20:31

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion: 99 Resp: 64006

Ion	Ratio	Lower	Upper
99	100		
42	23.0	19.1	28.7
71	34.7	28.9	43.3

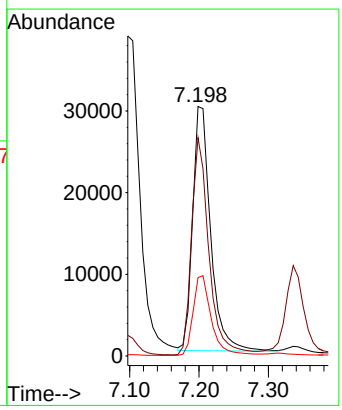


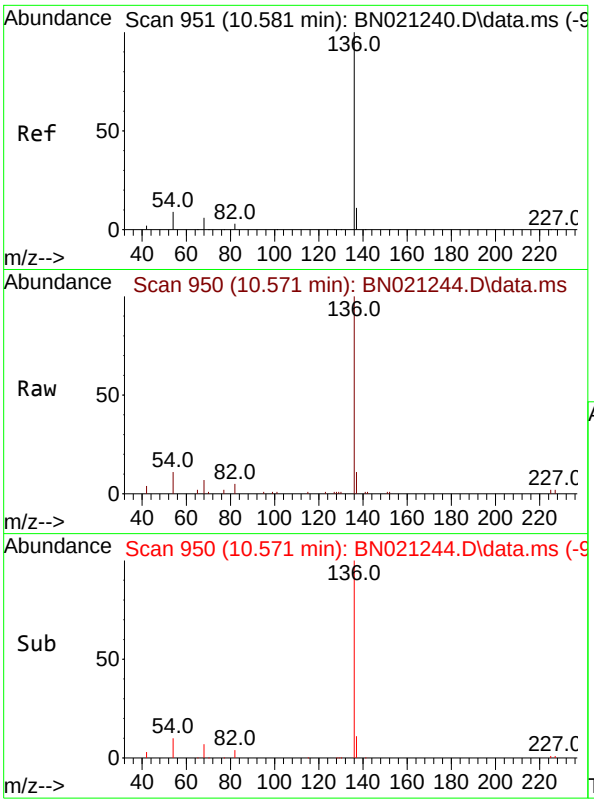


#6
bis(2-Chloroethyl)ether
Concen: 5.083 ng
RT: 7.198 min Scan# 584
Delta R.T. -0.021 min
Lab File: BN021244.D
Acq: 15 Aug 2022 20:31

Tgt Ion: 93 Resp: 53886

Ion	Ratio	Lower	Upper
93	100		
63	85.7	67.8	101.8
95	32.9	28.7	43.1



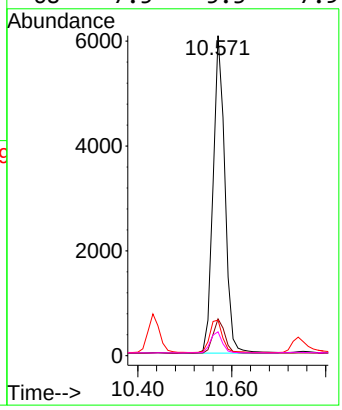


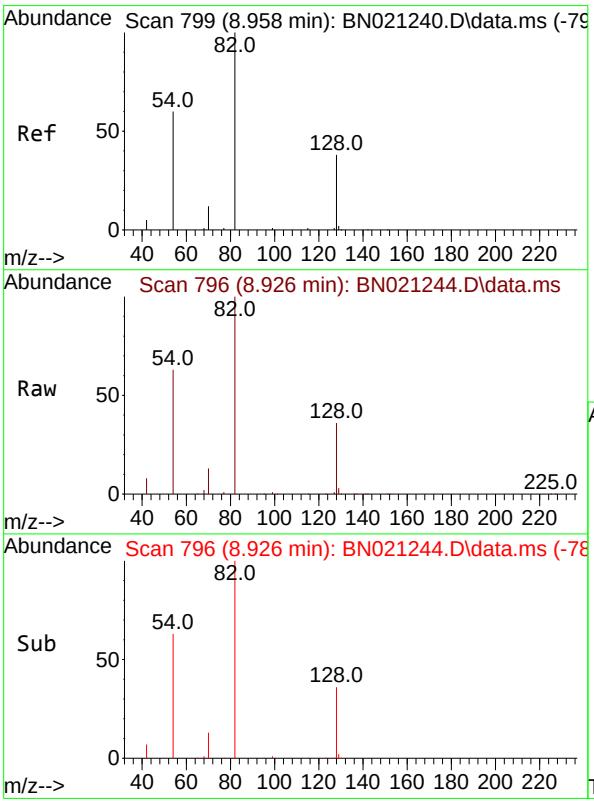
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.571 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN021244.D
Acq: 15 Aug 2022 20:31

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:136 Resp: 10564

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.6	14.4
54	11.1	8.2	12.2
68	7.5	5.3	7.9

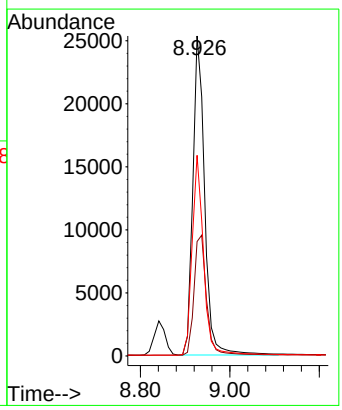


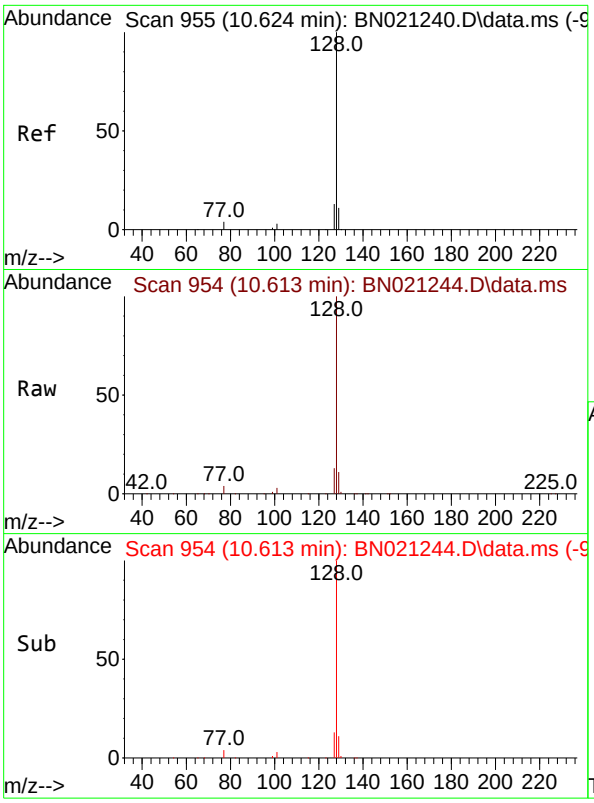


#8
Nitrobenzene-d5
Concen: 5.181 ng
RT: 8.926 min Scan# 796
Delta R.T. -0.032 min
Lab File: BN021244.D
Acq: 15 Aug 2022 20:31

Tgt Ion: 82 Resp: 46682

Ion	Ratio	Lower	Upper
82	100		
128	35.8	33.6	50.4
54	62.7	50.2	75.2



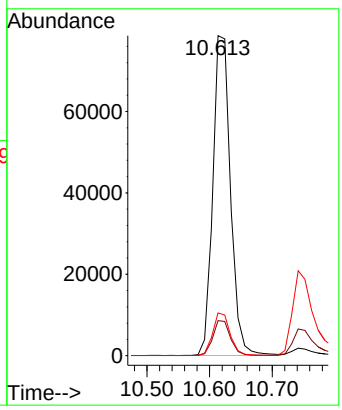


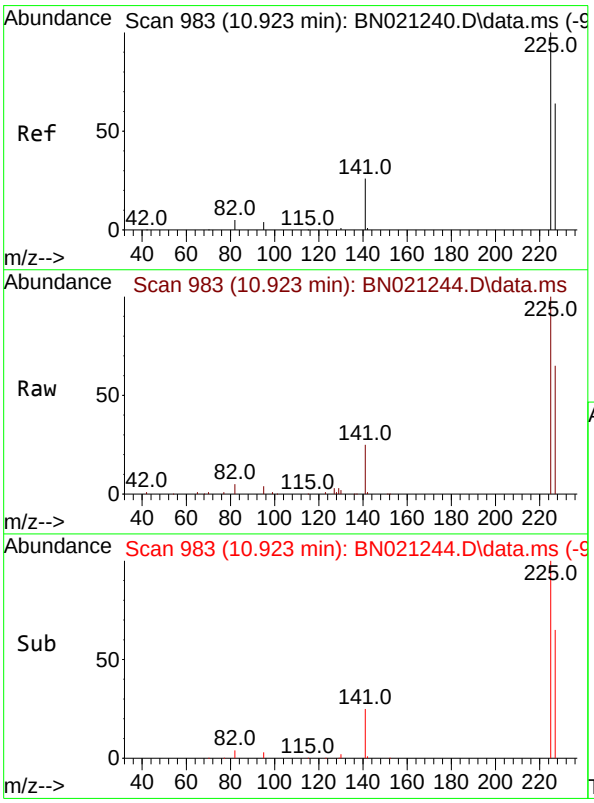
#9
Naphthalene
Concen: 4.870 ng
RT: 10.613 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN021244.D
Acq: 15 Aug 2022 20:31

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:128 Resp: 154321

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.4	14.0
127	13.4	11.0	16.6

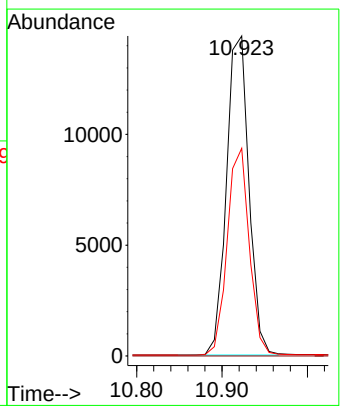


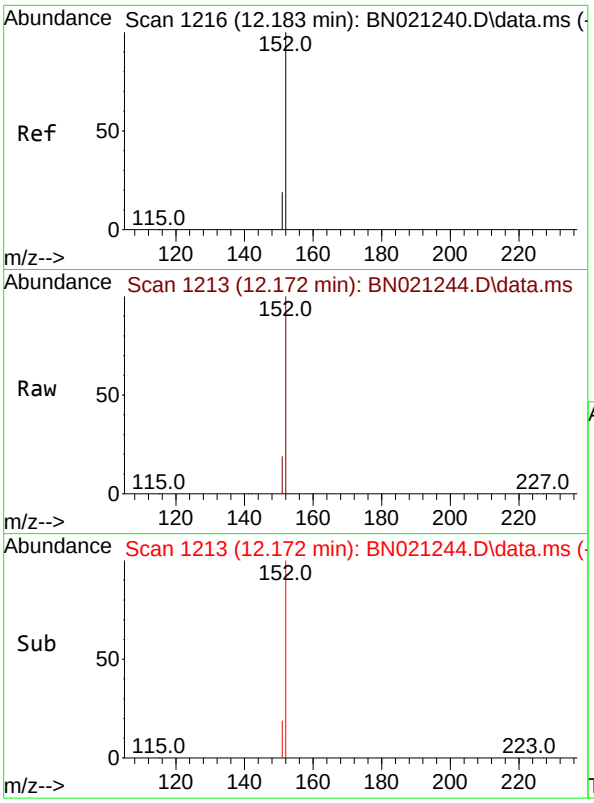


#10
Hexachlorobutadiene
Concen: 4.570 ng
RT: 10.923 min Scan# 983
Delta R.T. 0.000 min
Lab File: BN021244.D
Acq: 15 Aug 2022 20:31

Tgt Ion:225 Resp: 26339

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.4	50.9	76.3



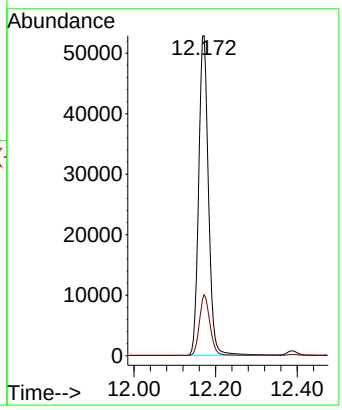


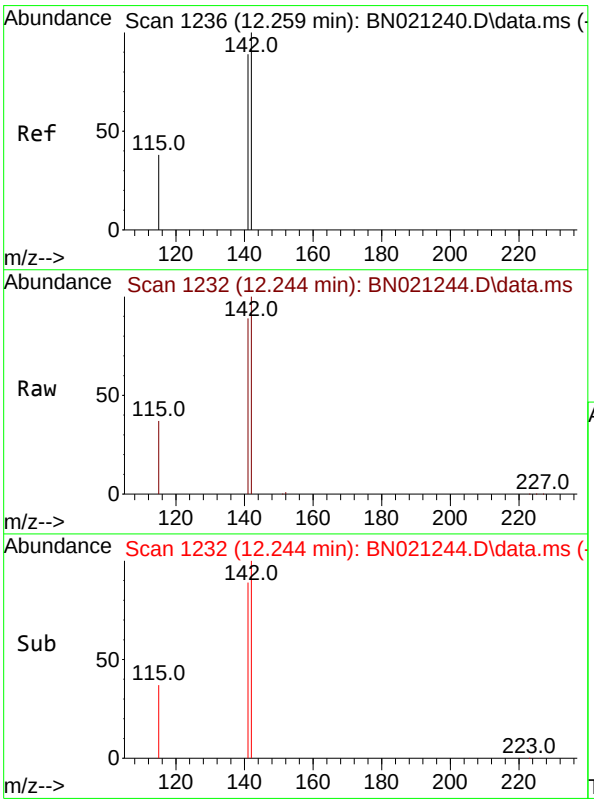
#11
2-Methylnaphthalene-d10
Concen: 4.893 ng
RT: 12.172 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN021244.D
Acq: 15 Aug 2022 20:31

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:152 Resp: 87989

Ion	Ratio	Lower	Upper
152	100		
151	20.5	15.8	23.8

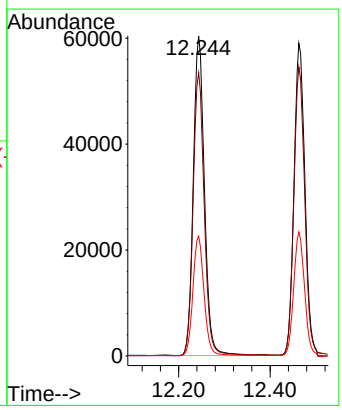


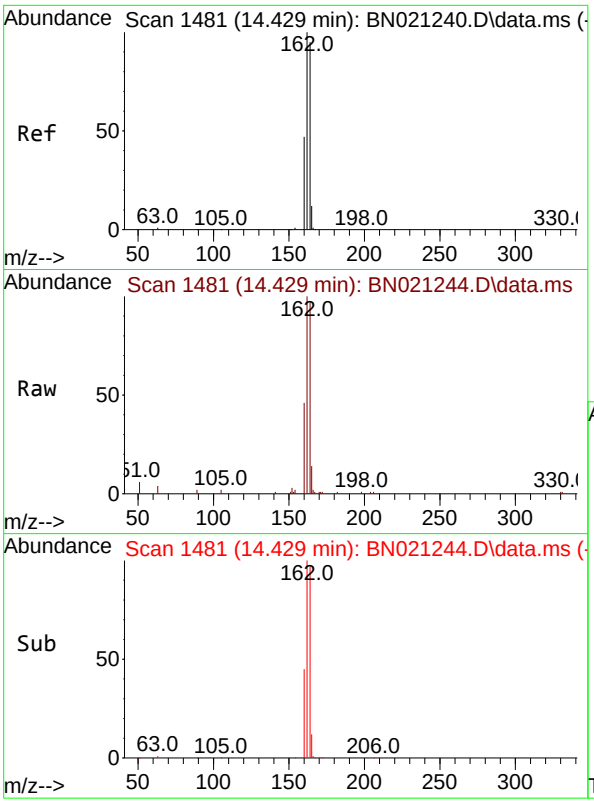


#12
2-Methylnaphthalene
Concen: 4.926 ng
RT: 12.244 min Scan# 1232
Delta R.T. -0.015 min
Lab File: BN021244.D
Acq: 15 Aug 2022 20:31

Tgt Ion:142 Resp: 102157

Ion	Ratio	Lower	Upper
142	100		
141	88.5	71.0	106.6
115	37.5	31.3	46.9



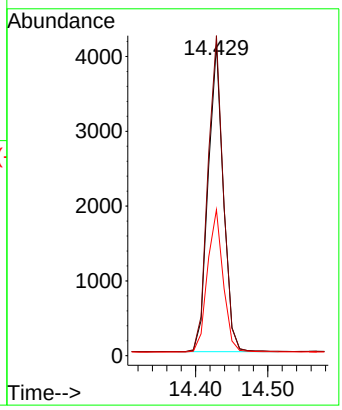


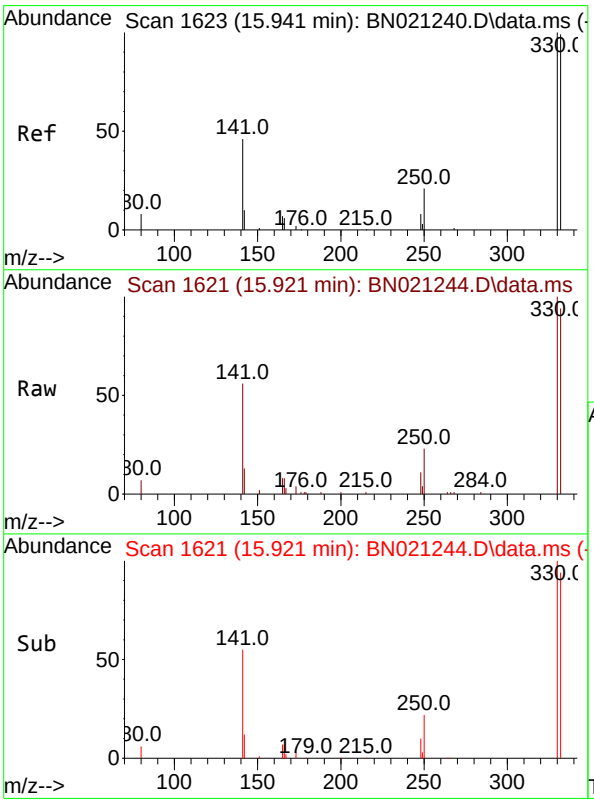
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.429 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN021244.D
Acq: 15 Aug 2022 20:31

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:164 Resp: 5994

Ion	Ratio	Lower	Upper
164	100		
162	102.9	83.8	125.6
160	46.9	39.8	59.6

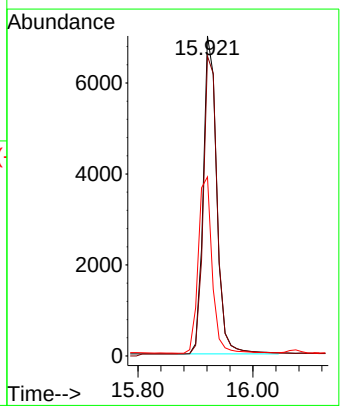


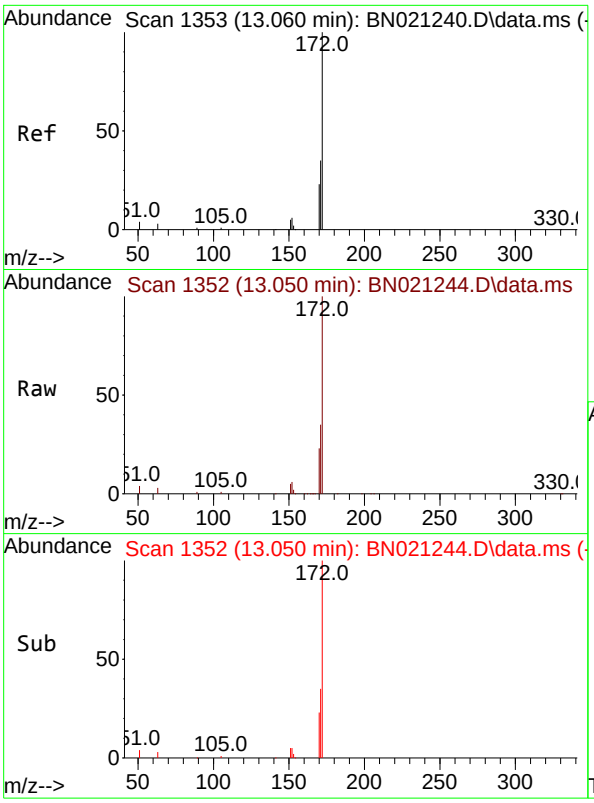


#14
2,4,6-Tribromophenol
Concen: 5.343 ng
RT: 15.921 min Scan# 1621
Delta R.T. -0.020 min
Lab File: BN021244.D
Acq: 15 Aug 2022 20:31

Tgt Ion:330 Resp: 11505

Ion	Ratio	Lower	Upper
330	100		
332	96.5	78.1	117.1
141	57.1	45.4	68.0



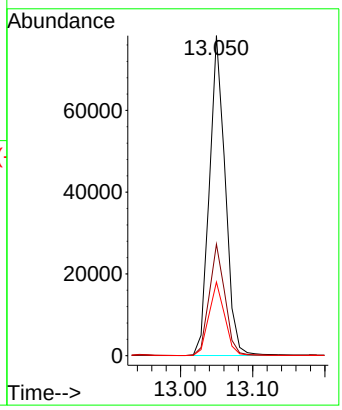


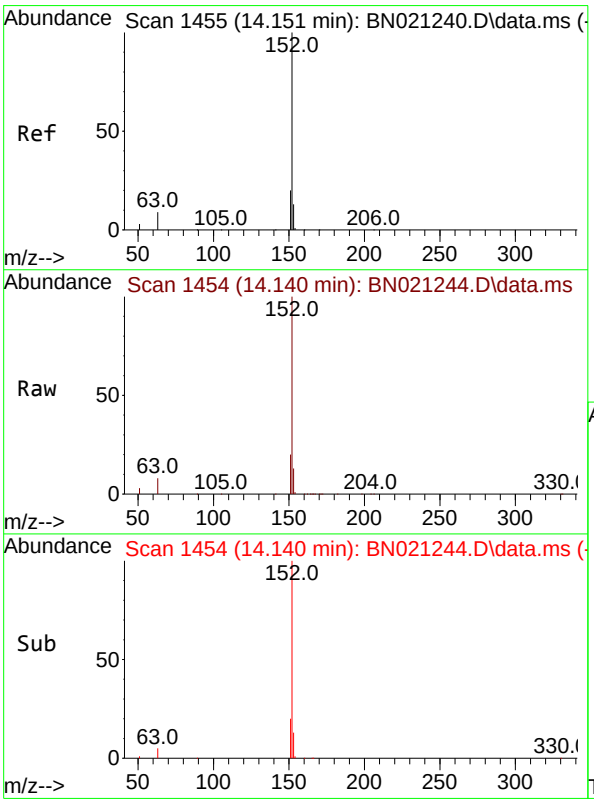
#15
2-Fluorobiphenyl
Concen: 4.966 ng
RT: 13.050 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN021244.D
Acq: 15 Aug 2022 20:31

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:172 Resp: 119190

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.4	42.6
170	23.0	19.0	28.6

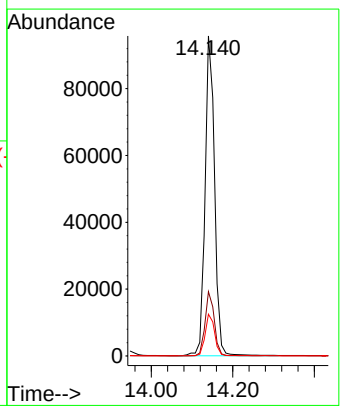


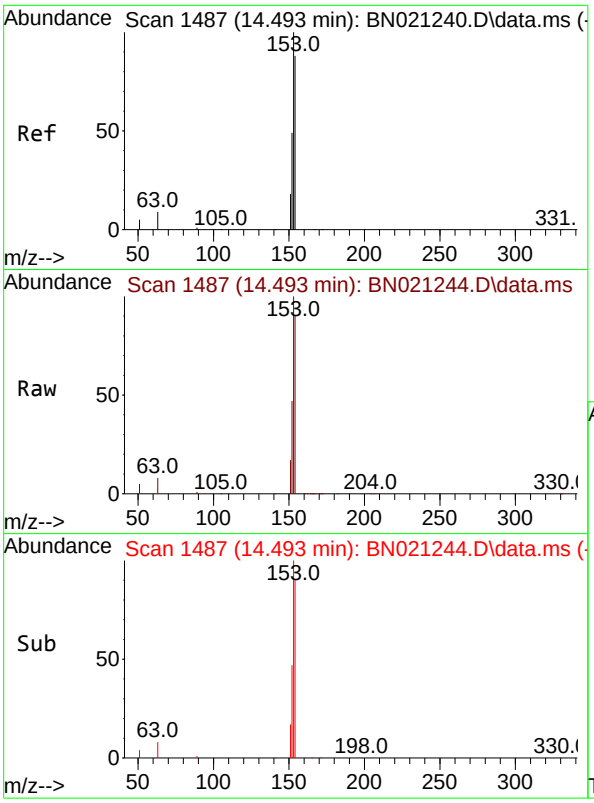


#16
Acenaphthylene
Concen: 5.415 ng
RT: 14.140 min Scan# 1454
Delta R.T. -0.011 min
Lab File: BN021244.D
Acq: 15 Aug 2022 20:31

Tgt Ion:152 Resp: 155632

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.8	23.6
153	13.0	10.4	15.6



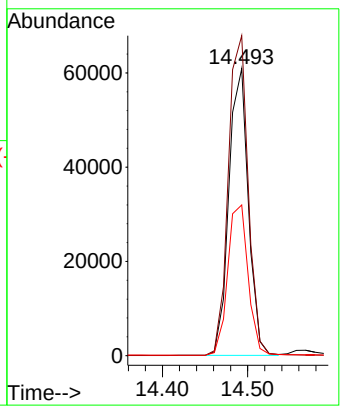


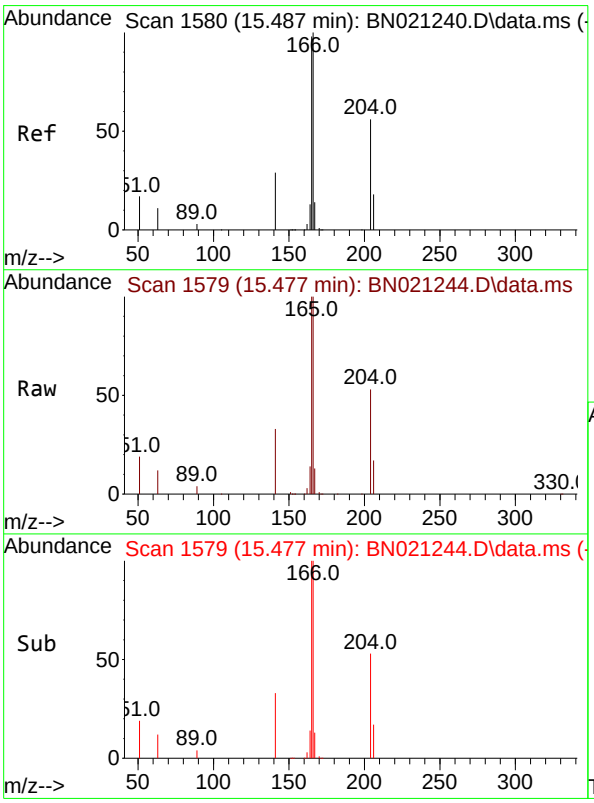
#17
Acenaphthene
Concen: 4.942 ng
RT: 14.493 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN021244.D
Acq: 15 Aug 2022 20:31

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:154 Resp: 96569

Ion	Ratio	Lower	Upper
154	100		
153	114.2	91.5	137.3
152	55.2	45.2	67.8

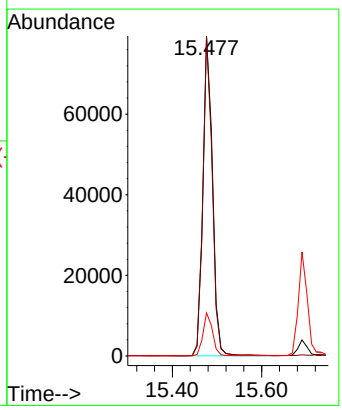


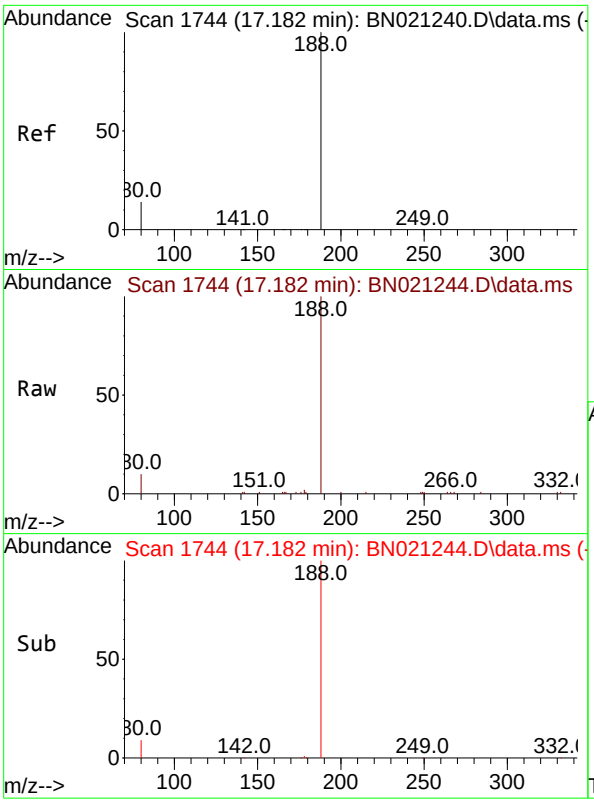


#18
Fluorene
Concen: 4.660 ng
RT: 15.477 min Scan# 1579
Delta R.T. -0.011 min
Lab File: BN021244.D
Acq: 15 Aug 2022 20:31

Tgt Ion:166 Resp: 117364

Ion	Ratio	Lower	Upper
166	100		
165	98.6	78.8	118.2
167	13.3	11.0	16.4



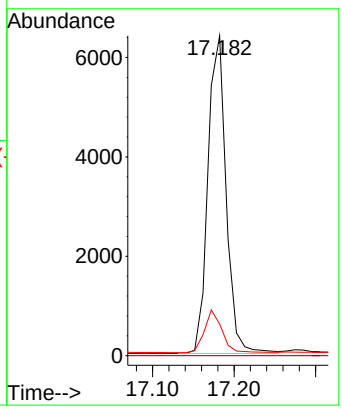


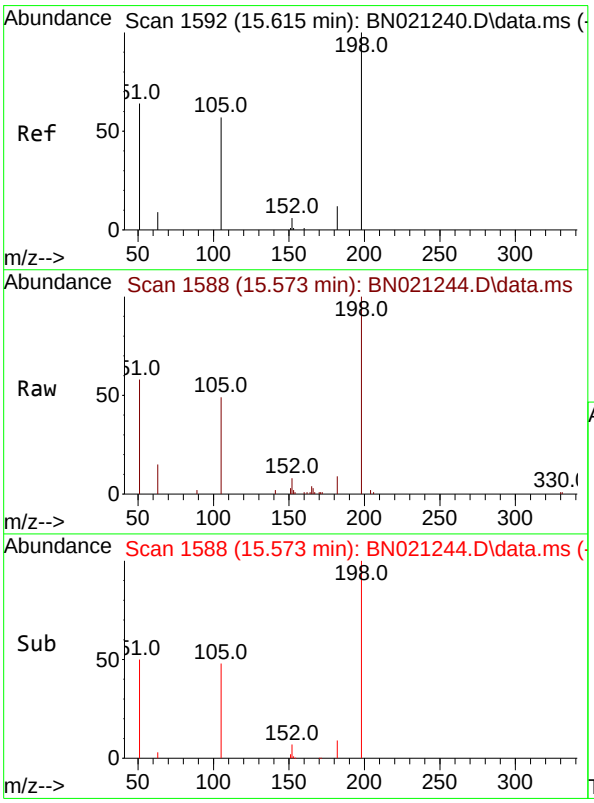
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.182 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021244.D
Acq: 15 Aug 2022 20:31

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:188 Resp: 9917

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.9	11.8	17.6#

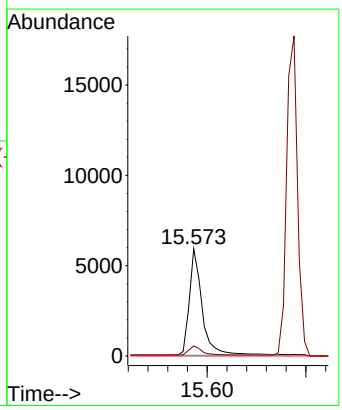


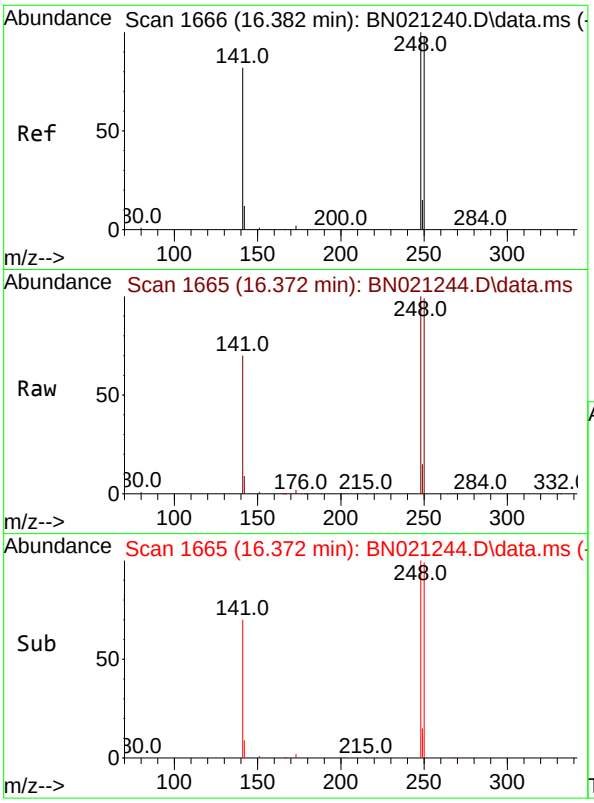


#20
4,6-Dinitro-2-methylphenol
Concen: 9.274 ng
RT: 15.573 min Scan# 1588
Delta R.T. -0.043 min
Lab File: BN021244.D
Acq: 15 Aug 2022 20:31

Tgt Ion:198 Resp: 10543

Ion	Ratio	Lower	Upper
198	100		
182	9.4	33.9	50.9#
77	0.0	0.0	0.0



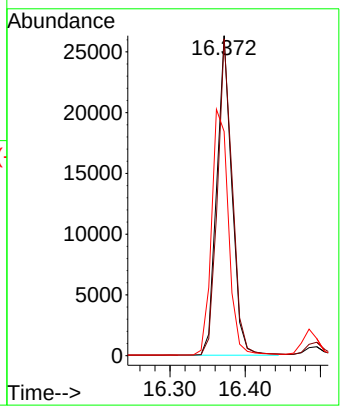


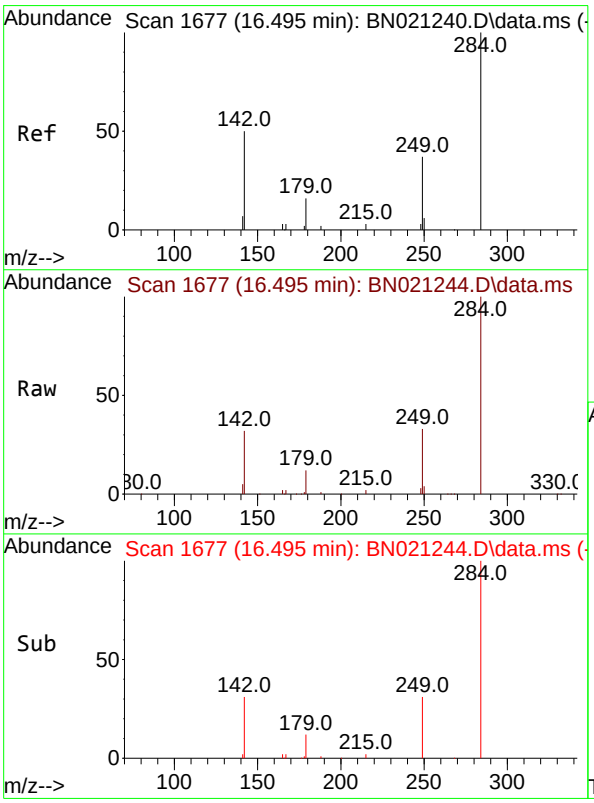
#21
4-Bromophenyl-phenylether
Concen: 6.412 ng
RT: 16.372 min Scan# 1(
Delta R.T. -0.010 min
Lab File: BN021244.D
Acq: 15 Aug 2022 20:31

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:248 Resp: 36411

Ion	Ratio	Lower	Upper
248	100		
250	99.0	78.6	117.8
141	70.0	66.8	100.2

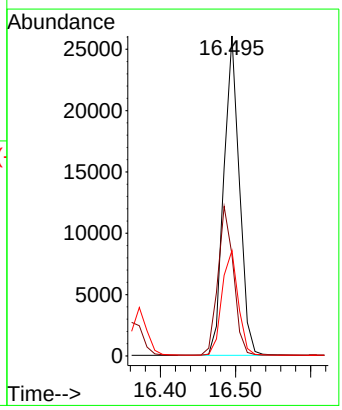


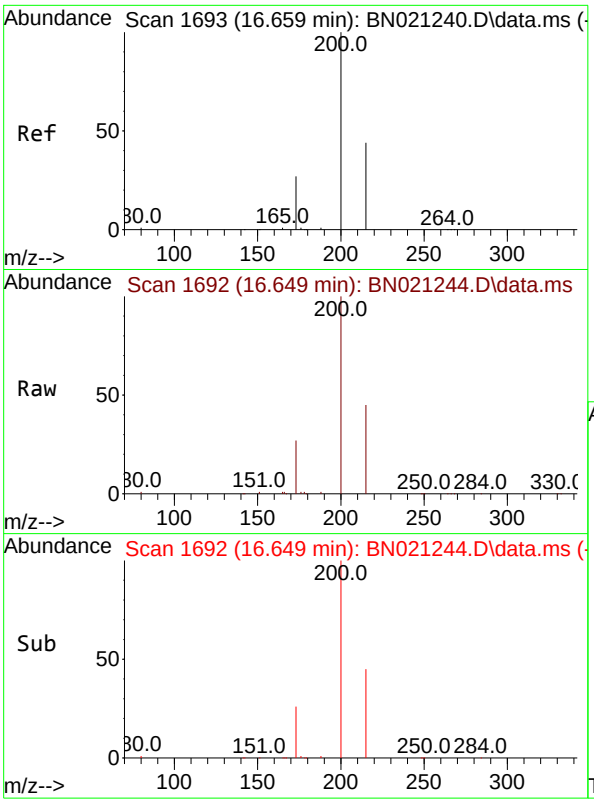


#22
Hexachlorobenzene
Concen: 5.806 ng
RT: 16.495 min Scan# 1677
Delta R.T. 0.000 min
Lab File: BN021244.D
Acq: 15 Aug 2022 20:31

Tgt Ion:284 Resp: 37401

Ion	Ratio	Lower	Upper
284	100		
142	46.5	36.0	54.0
249	34.0	27.0	40.6



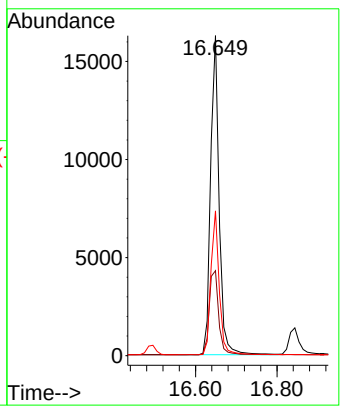


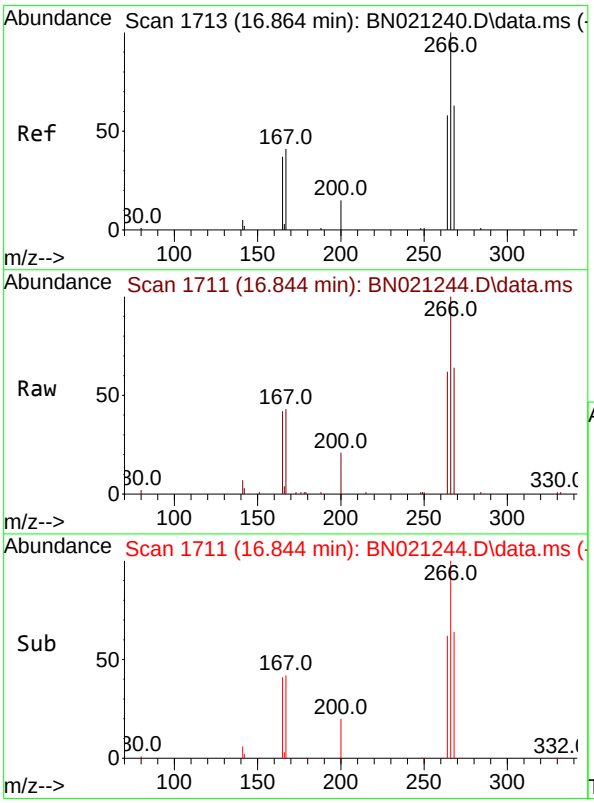
#23
Atrazine
Concen: 5.371 ng
RT: 16.649 min Scan# 1(
Delta R.T. -0.010 min
Lab File: BN021244.D
Acq: 15 Aug 2022 20:31

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:200 Resp: 23732

Ion	Ratio	Lower	Upper
200	100		
173	26.6	26.0	39.0
215	45.2	38.2	57.4

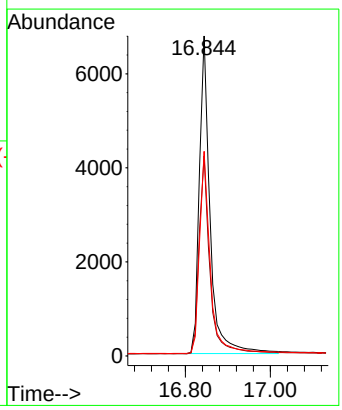


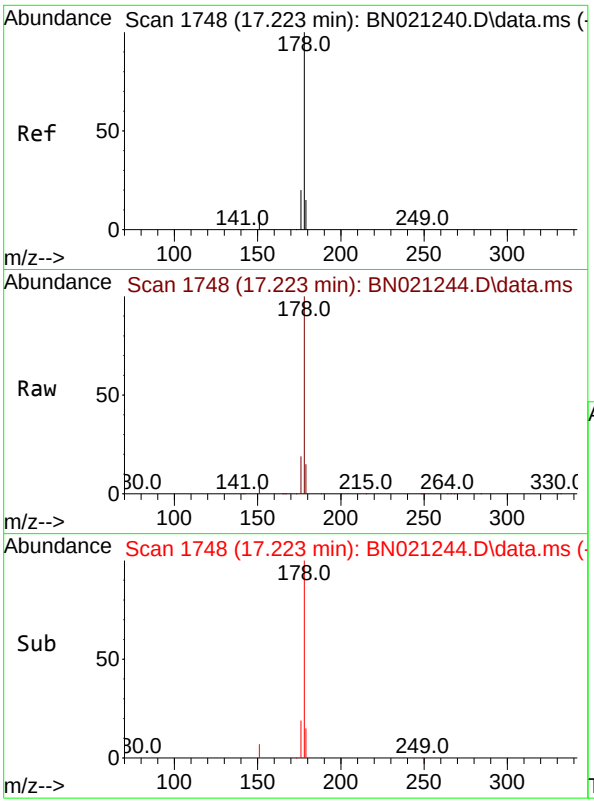


#24
Pentachlorophenol
Concen: 7.650 ng
RT: 16.844 min Scan# 1711
Delta R.T. -0.020 min
Lab File: BN021244.D
Acq: 15 Aug 2022 20:31

Tgt Ion:266 Resp: 11824

Ion	Ratio	Lower	Upper
266	100		
264	62.7	50.0	75.0
268	63.8	47.1	70.7



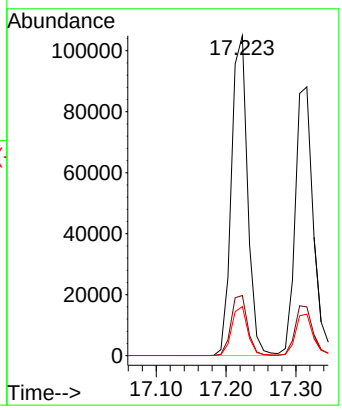


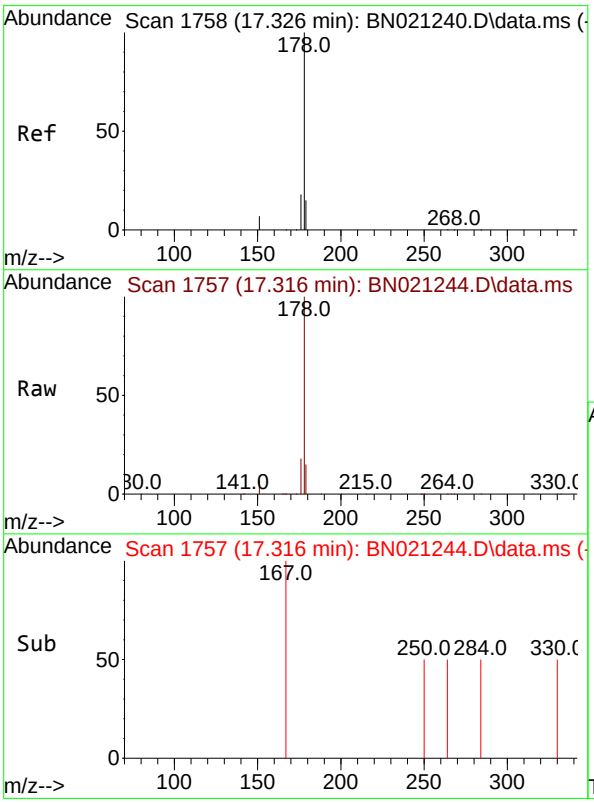
#25
Phenanthrene
Concen: 5.107 ng
RT: 17.223 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021244.D
Acq: 15 Aug 2022 20:31

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:178 Resp: 168627

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.6	23.4
179	15.2	12.2	18.4

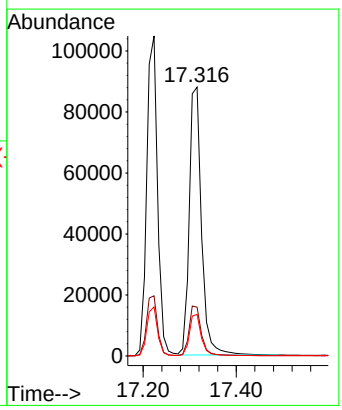


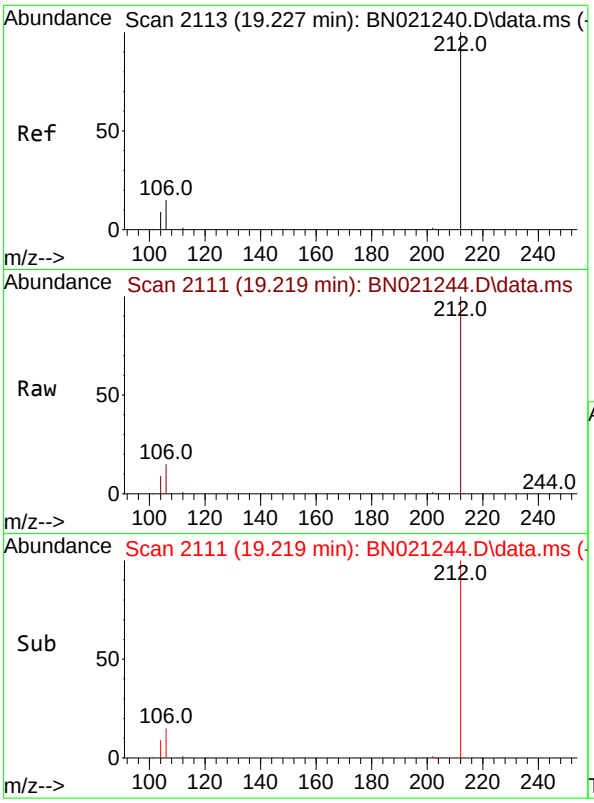


#26
Anthracene
Concen: 5.641 ng
RT: 17.316 min Scan# 1757
Delta R.T. -0.010 min
Lab File: BN021244.D
Acq: 15 Aug 2022 20:31

Tgt Ion:178 Resp: 160754

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.6	22.0
179	15.1	11.7	17.5



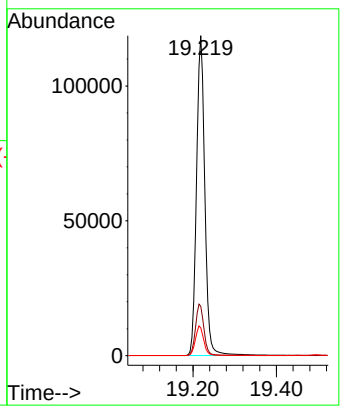


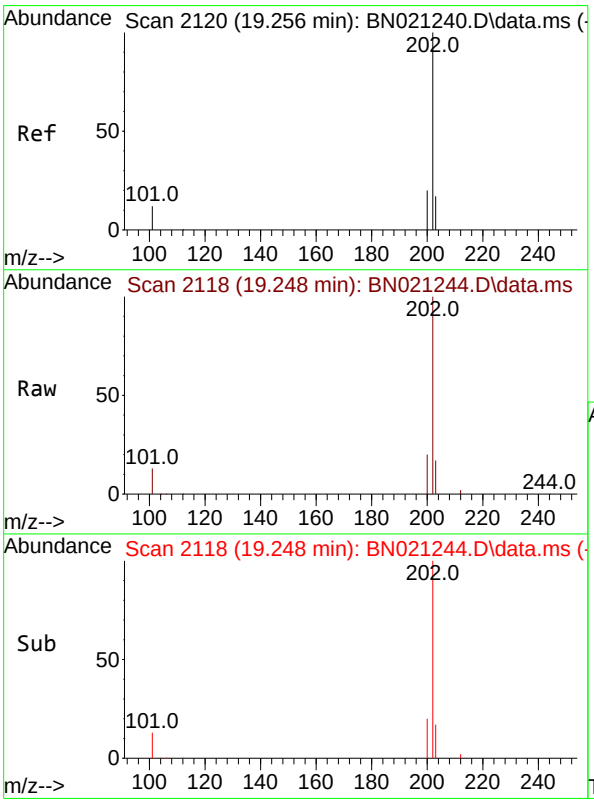
#27
Fluoranthene-d10
Concen: 5.653 ng
RT: 19.219 min Scan# 21
Delta R.T. -0.008 min
Lab File: BN021244.D
Acq: 15 Aug 2022 20:31

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:212 Resp: 164353

Ion	Ratio	Lower	Upper
212	100		
106	16.3	12.6	18.8
104	9.3	7.2	10.8

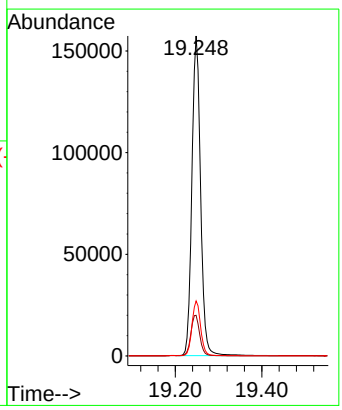


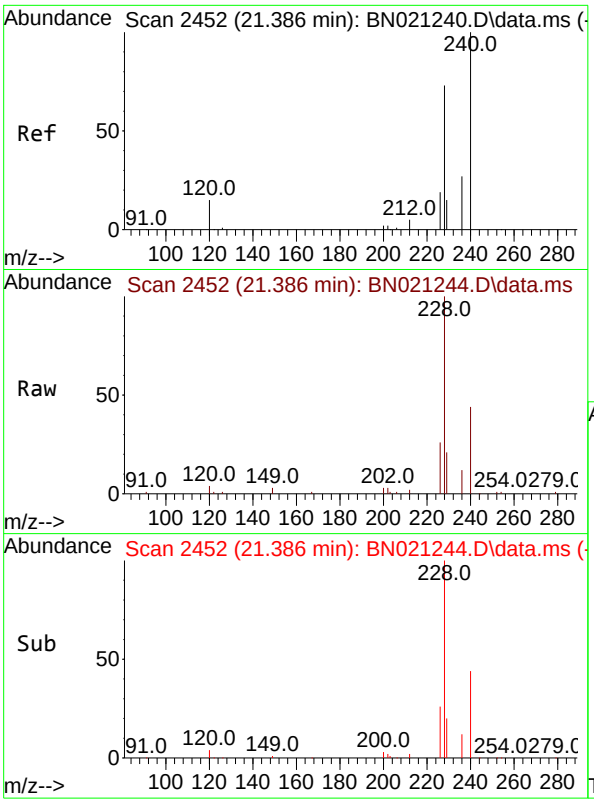


#28
Fluoranthene
Concen: 6.067 ng
RT: 19.248 min Scan# 2118
Delta R.T. -0.008 min
Lab File: BN021244.D
Acq: 15 Aug 2022 20:31

Tgt Ion:202 Resp: 218851

Ion	Ratio	Lower	Upper
202	100		
101	13.2	10.1	15.1
203	17.3	13.3	19.9



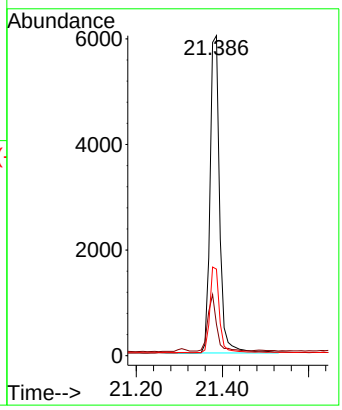


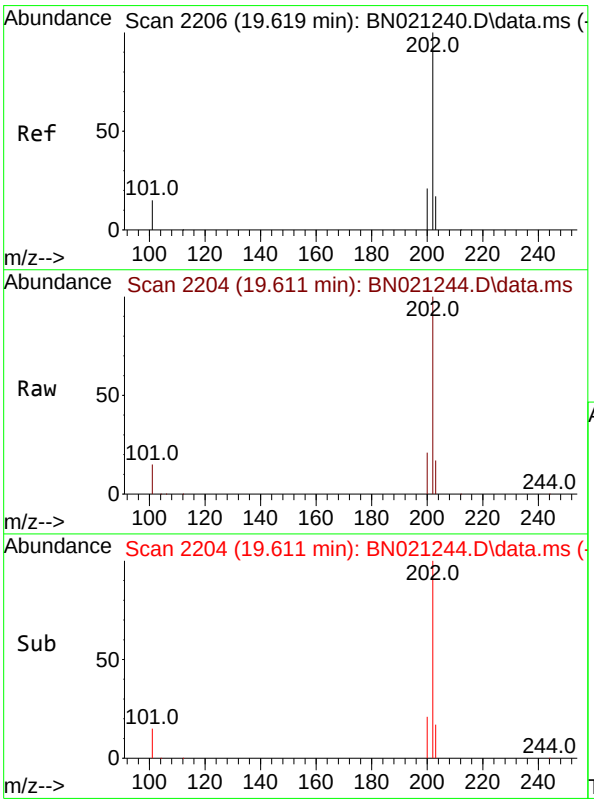
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.386 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN021244.D
Acq: 15 Aug 2022 20:31

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:240 Resp: 9332

Ion	Ratio	Lower	Upper
240	100		
120	9.8	13.4	20.2#
236	27.1	22.6	33.8

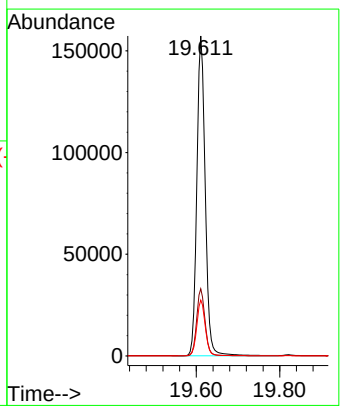


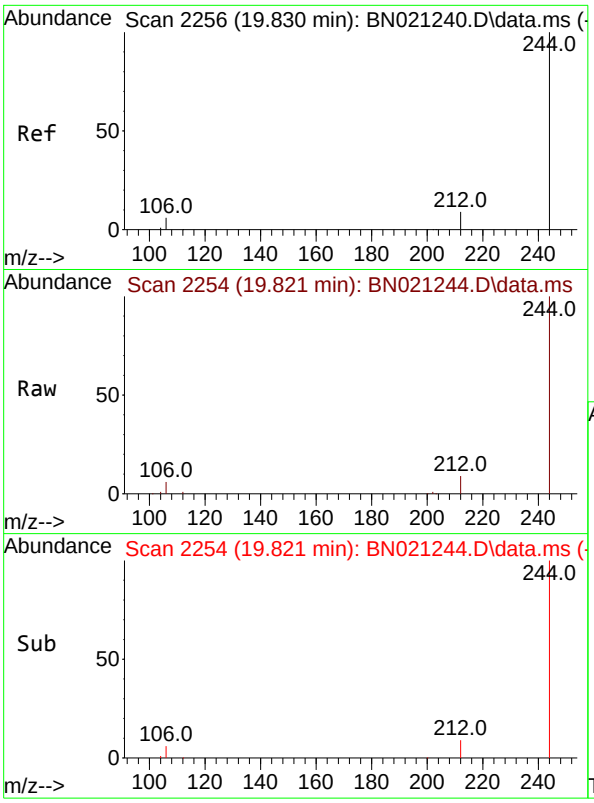


#30
Pyrene
Concen: 5.373 ng
RT: 19.611 min Scan# 2204
Delta R.T. -0.008 min
Lab File: BN021244.D
Acq: 15 Aug 2022 20:31

Tgt Ion:202 Resp: 219586

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.8	25.2
203	17.7	14.2	21.4



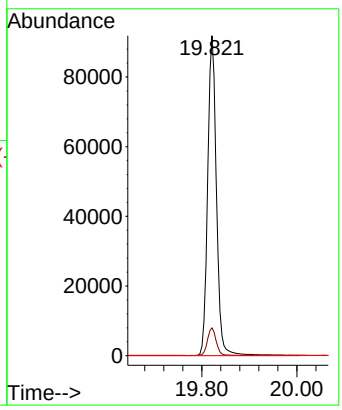


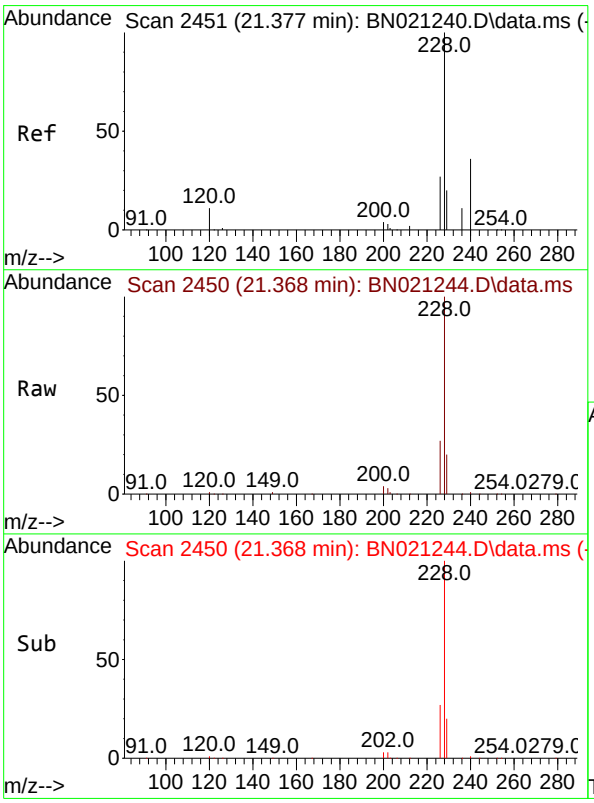
#31
Terphenyl-d14
Concen: 5.143 ng
RT: 19.821 min Scan# 2
Delta R.T. -0.008 min
Lab File: BN021244.D
Acq: 15 Aug 2022 20:31

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:244 Resp: 117236

Ion	Ratio	Lower	Upper
244	100		
212	8.7	8.3	12.5
122	0.0	0.0	0.0

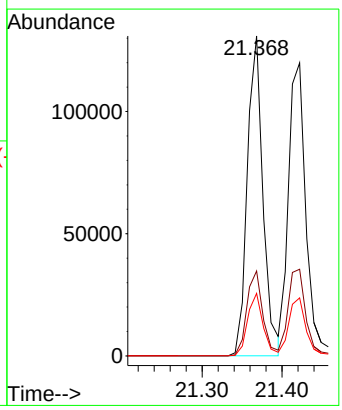


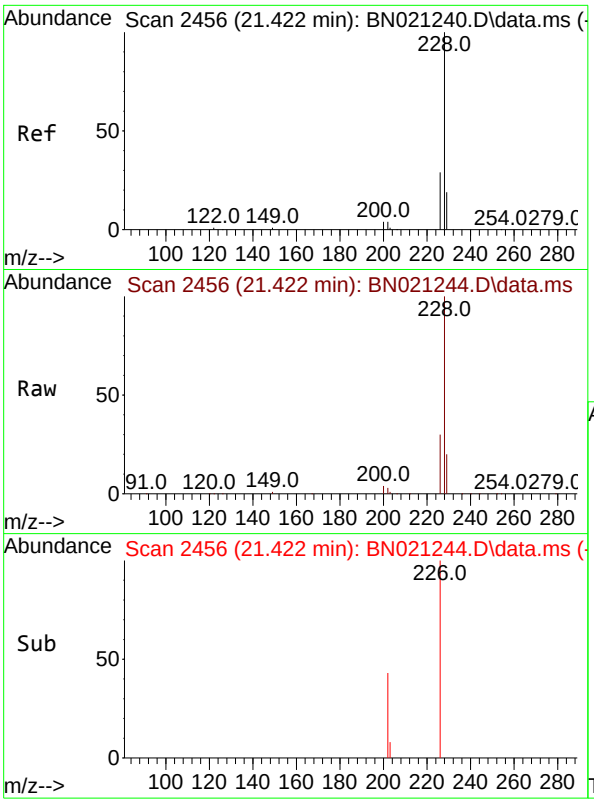


#32
Benzo(a)anthracene
Concen: 5.531 ng
RT: 21.368 min Scan# 2450
Delta R.T. -0.009 min
Lab File: BN021244.D
Acq: 15 Aug 2022 20:31

Tgt Ion:228 Resp: 178196

Ion	Ratio	Lower	Upper
228	100		
226	26.6	22.4	33.6
229	19.5	16.6	24.8



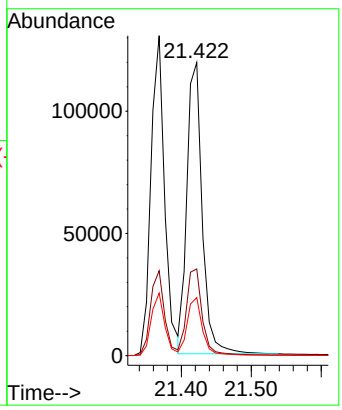


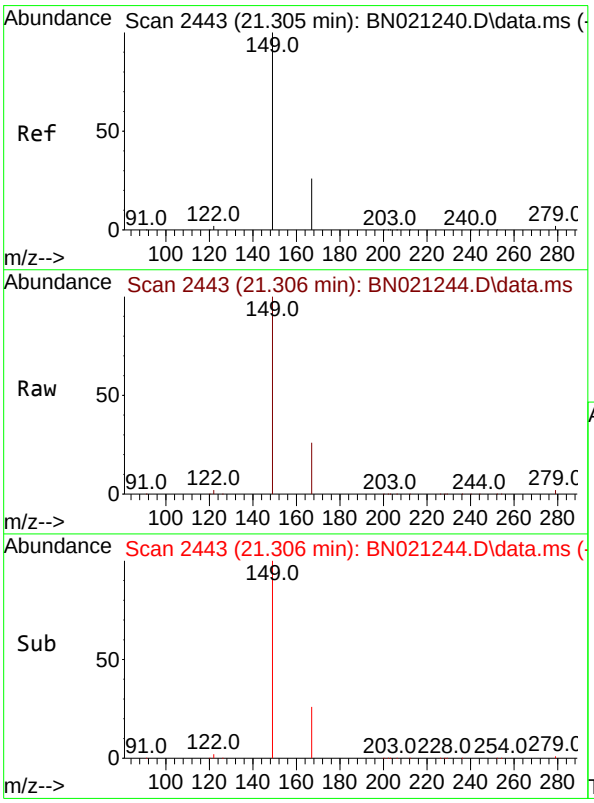
#33
Chrysene
Concen: 4.861 ng
RT: 21.422 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN021244.D
Acq: 15 Aug 2022 20:31

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:228 Resp: 180977

Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.8	35.8
229	19.8	15.9	23.9

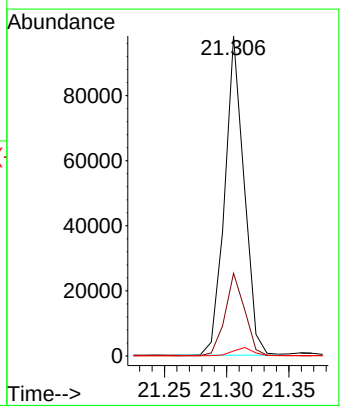


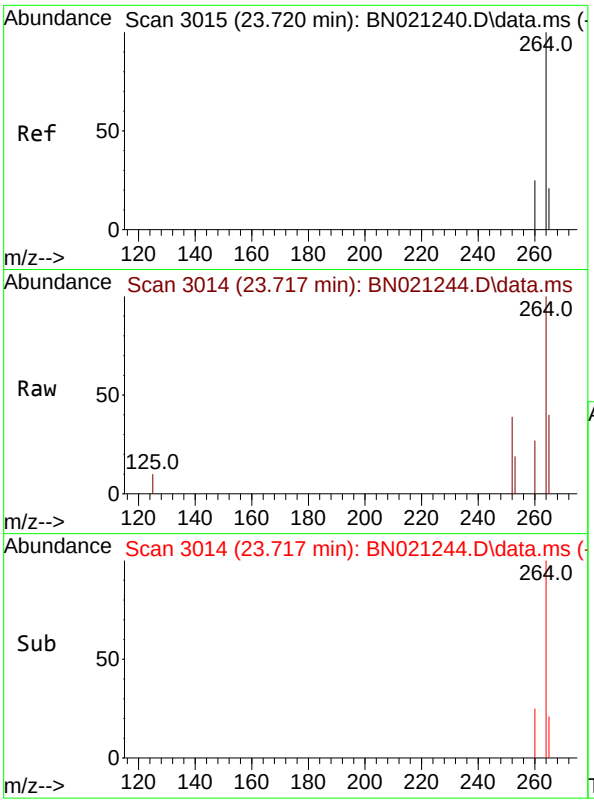


#34
Bis(2-ethylhexyl)phthalate
Concen: 5.641 ng
RT: 21.306 min Scan# 2443
Delta R.T. 0.000 min
Lab File: BN021244.D
Acq: 15 Aug 2022 20:31

Tgt Ion:149 Resp: 106232

Ion	Ratio	Lower	Upper
149	100		
167	26.2	20.6	31.0
279	2.6	2.4	3.6



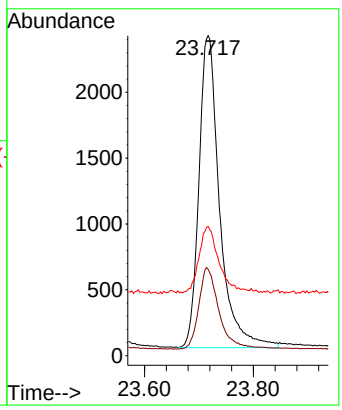


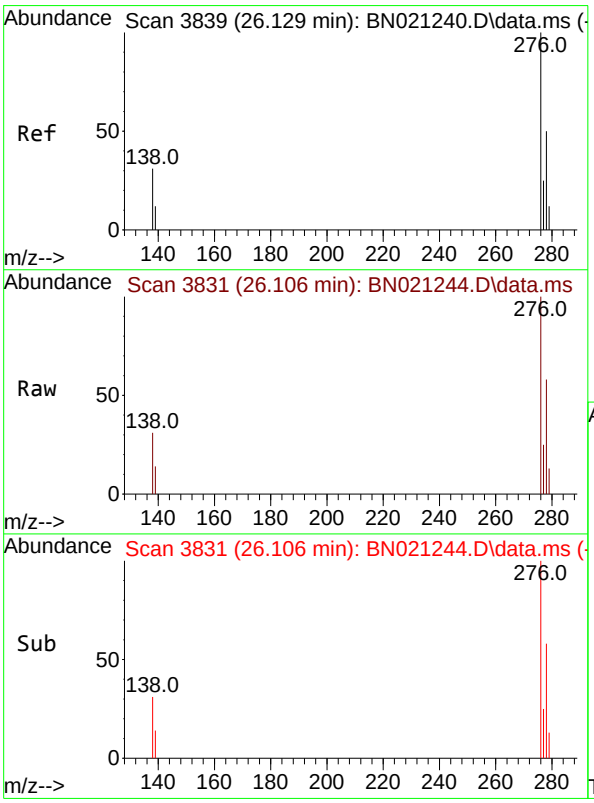
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.717 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN021244.D
Acq: 15 Aug 2022 20:31

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:264 Resp: 6246

Ion	Ratio	Lower	Upper
264	100		
260	27.0	21.4	32.2
265	40.4	34.3	51.5

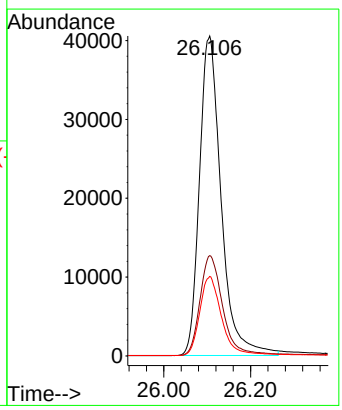


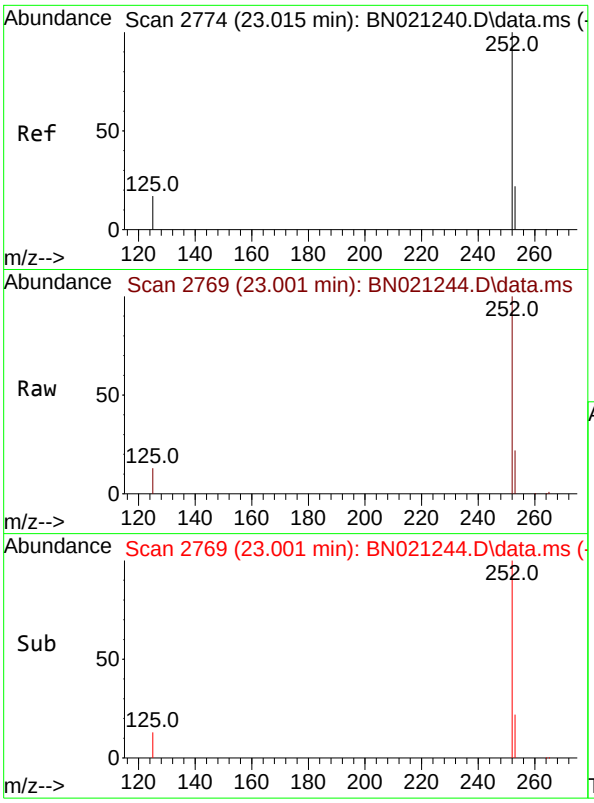


#36
Indeno(1,2,3-cd)pyrene
Concen: 5.100 ng
RT: 26.106 min Scan# 3831
Delta R.T. -0.023 min
Lab File: BN021244.D
Acq: 15 Aug 2022 20:31

Tgt Ion:276 Resp: 140643

Ion	Ratio	Lower	Upper
276	100		
138	32.6	24.2	36.2
277	24.9	19.1	28.7



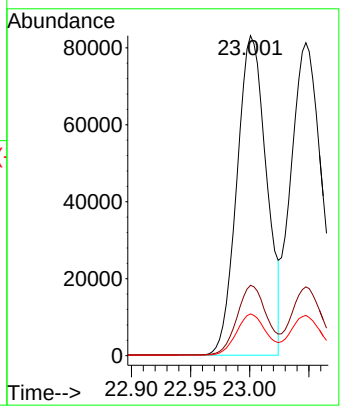


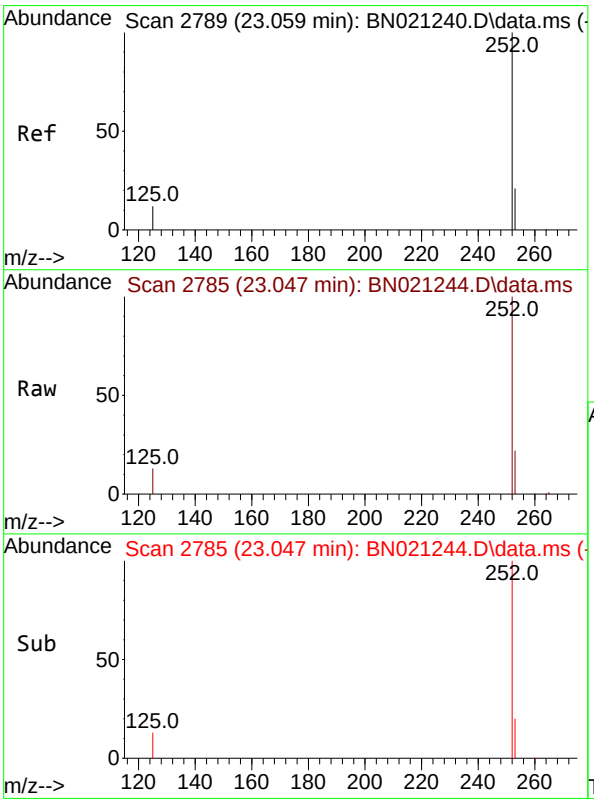
#37
Benzo(b)fluoranthene
Concen: 5.996 ng
RT: 23.001 min Scan# 2
Delta R.T. -0.014 min
Lab File: BN021244.D
Acq: 15 Aug 2022 20:31

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:252 Resp: 144566

Ion	Ratio	Lower	Upper
252	100		
253	22.0	21.4	32.0
125	13.0	15.3	22.9#

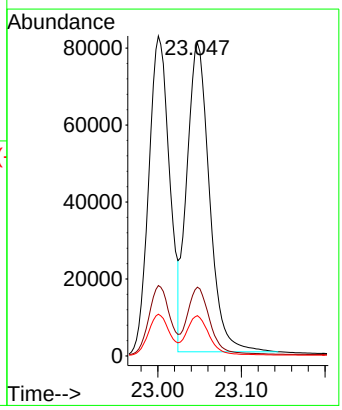


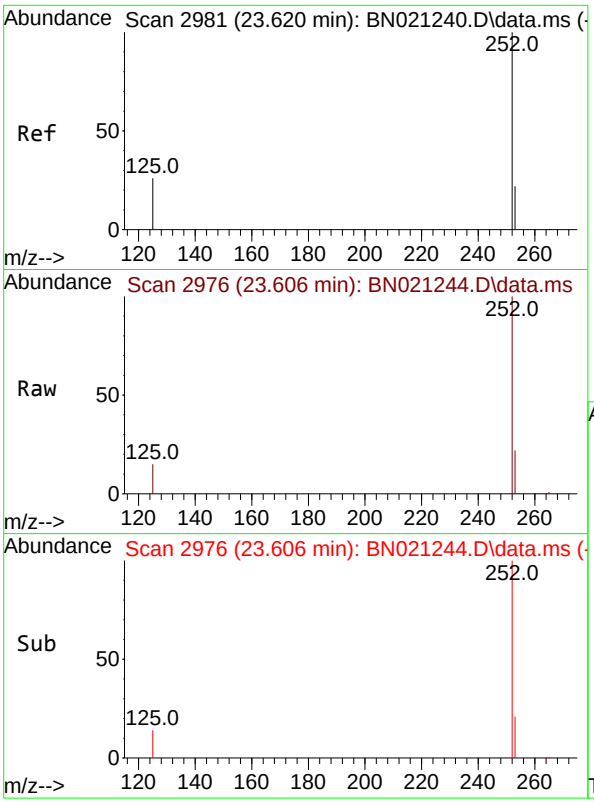


#38
Benzo(k)fluoranthene
Concen: 5.949 ng
RT: 23.047 min Scan# 2785
Delta R.T. -0.012 min
Lab File: BN021244.D
Acq: 15 Aug 2022 20:31

Tgt Ion:252 Resp: 150831

Ion	Ratio	Lower	Upper
252	100		
253	22.0	21.4	32.2
125	12.9	12.6	18.8



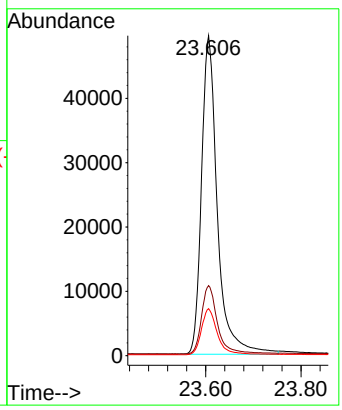


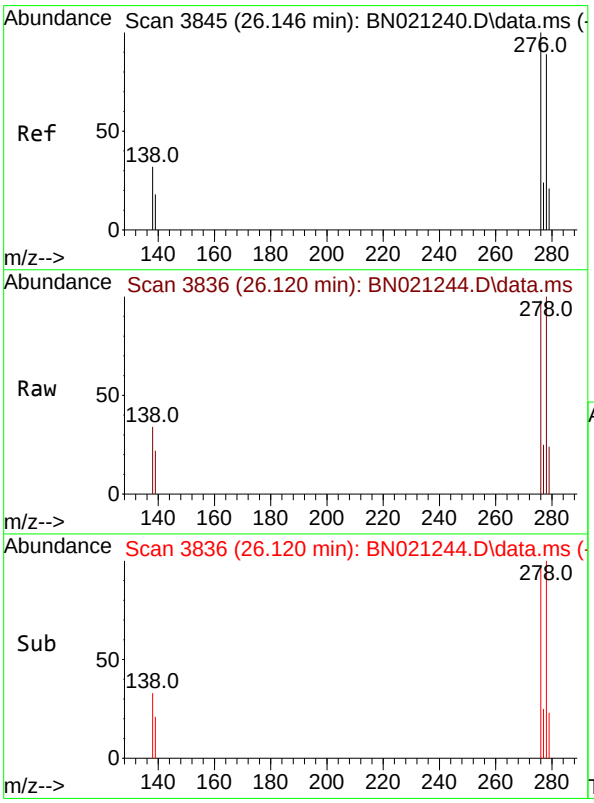
#39
Benzo(a)pyrene
Concen: 5.515 ng
RT: 23.606 min Scan# 2
Delta R.T. -0.014 min
Lab File: BN021244.D
Acq: 15 Aug 2022 20:31

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:252 Resp: 114454

Ion	Ratio	Lower	Upper
252	100		
253	21.9	24.8	37.2#
125	14.7	23.8	35.6#

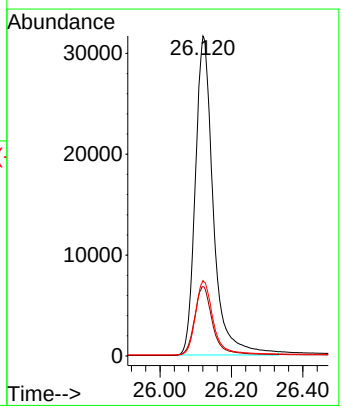


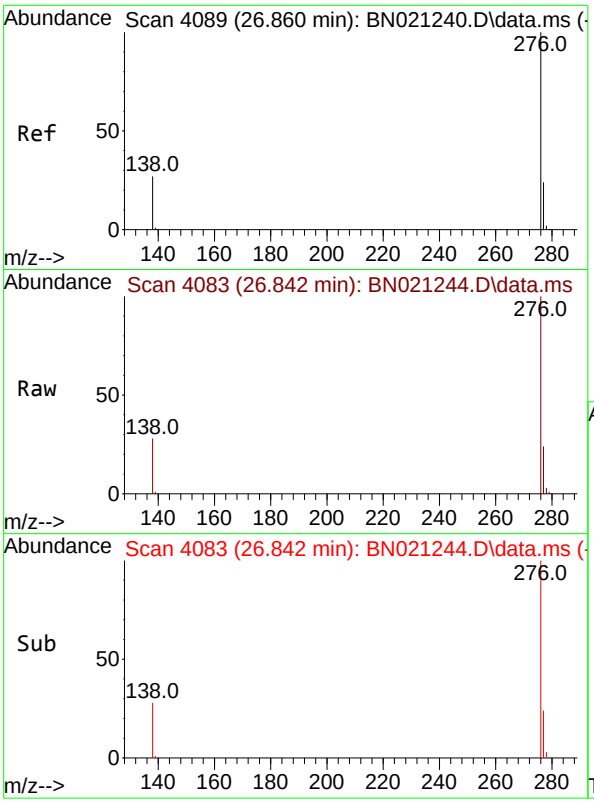


#40
Dibenzo(a,h)anthracene
Concen: 5.018 ng
RT: 26.120 min Scan# 3836
Delta R.T. -0.026 min
Lab File: BN021244.D
Acq: 15 Aug 2022 20:31

Tgt Ion:278 Resp: 110516

Ion	Ratio	Lower	Upper
278	100		
139	21.7	20.5	30.7
279	23.5	23.8	35.8#





#41
Benzo(g,h,i)perylene
Concen: 4.912 ng
RT: 26.842 min Scan# 4
Delta R.T. -0.017 min
Lab File: BN021244.D
Acq: 15 Aug 2022 20:31

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:276 Resp: 119555

Ion	Ratio	Lower	Upper
276	100		
277	23.8	21.0	31.4
138	28.1	23.8	35.6