Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081622\
Data File : BN021241.D
Acq On : 15 Aug 2022 18:40
Operator : CG/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Quant Time: Aug 16 05:51:59 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

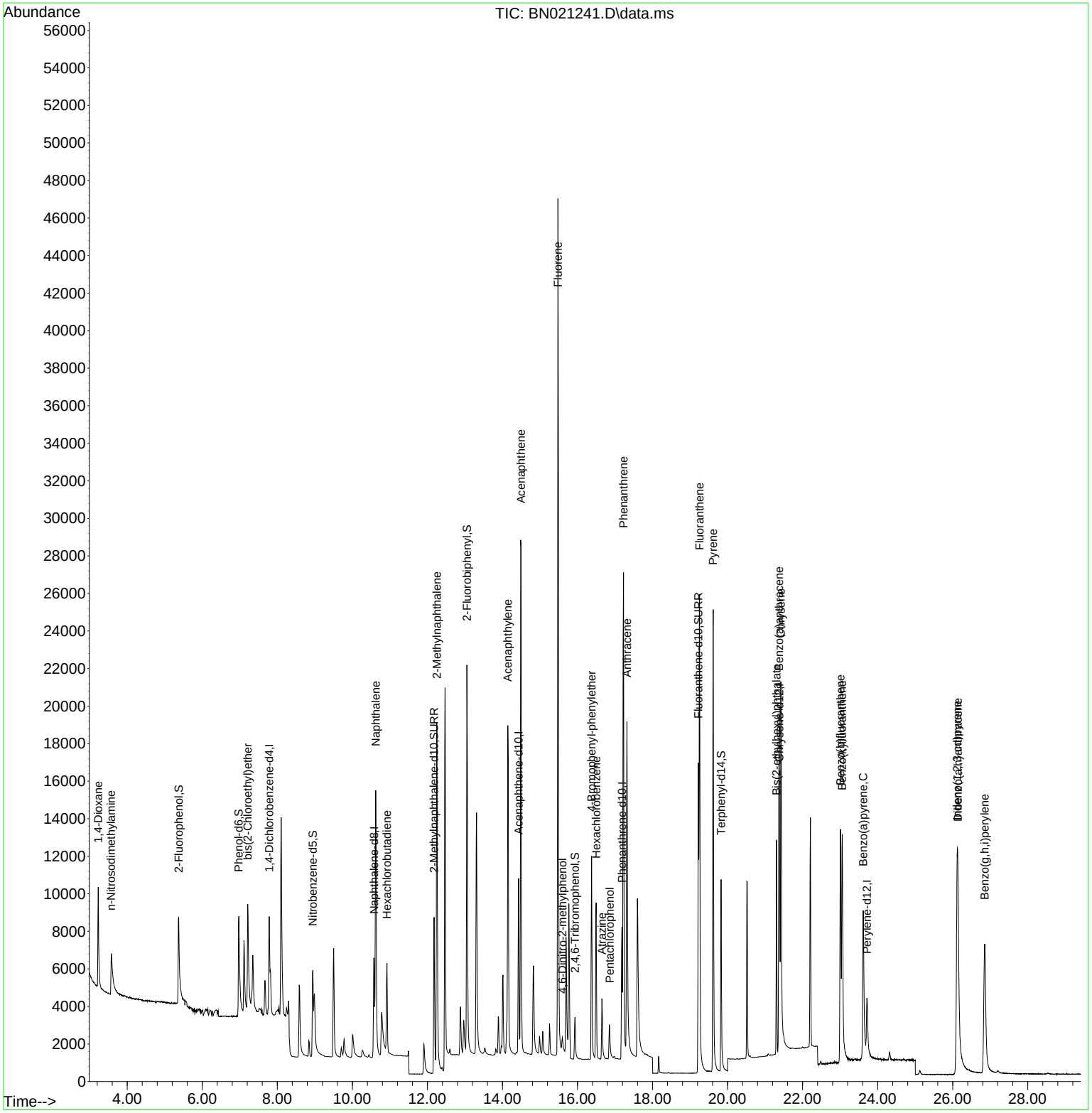
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.783	152	2798	0.400	ng		0.00
7) Naphthalene-d8	10.581	136	8349	0.400	ng		0.00
13) Acenaphthene-d10	14.432	164	5637	0.400	ng		0.00
19) Phenanthrene-d10	17.186	188	10566	0.400	ng	#	0.00
29) Chrysene-d12	21.384	240	6038	0.400	ng		0.00
35) Perylene-d12	23.714	264	5337	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.371	112	6118	0.819	ng		0.00
5) Phenol-d6	6.974	99	6962	0.794	ng		0.00
8) Nitrobenzene-d5	8.948	82	5255	0.774	ng		-0.01
11) 2-Methylnaphthalene-d10	12.179	152	13939	0.981	ng		0.00
14) 2,4,6-Tribromophenol	15.935	330	1428	0.705	ng		0.00
15) 2-Fluorobiphenyl	13.053	172	20053	0.888	ng		0.00
27) Fluoranthene-d10	19.220	212	20909	0.675	ng		0.00
31) Terphenyl-d14	19.827	244	14248	0.966	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.226	88	3309	0.887	ng		98
3) n-Nitrosodimethylamine	3.573	42	2888	0.969	ng	#	99
6) bis(2-Chloroethyl)ether	7.213	93	5704	0.754	ng		94
9) Naphthalene	10.624	128	21236	0.848	ng		99
10) Hexachlorobutadiene	10.923	225	3926	0.862	ng	#	100
12) 2-Methylnaphthalene	12.251	142	16589	1.012	ng		100
16) Acenaphthylene	14.144	152	22330	0.826	ng		100
17) Acenaphthene	14.497	154	15667	0.852	ng		99
18) Fluorene	15.480	166	19945	0.842	ng		100
20) 4,6-Dinitro-2-methylph...	15.598	198	790	0.652	ng	#	71
21) 4-Bromophenyl-phenylether	16.376	248	5630	0.931	ng		99
22) Hexachlorobenzene	16.499	284	6314	0.920	ng		97
23) Atrazine	16.653	200	3309	0.703	ng		97
24) Pentachlorophenol	16.858	266	1264	0.768	ng		96
25) Phenanthrene	17.227	178	30916	0.879	ng		100
26) Anthracene	17.319	178	25111	0.827	ng		99
28) Fluoranthene	19.254	202	26762	0.696	ng		99
30) Pyrene	19.617	202	26425	0.999	ng		100
32) Benzo(a)anthracene	21.375	228	16778	0.805	ng		98
33) Chrysene	21.419	228	20114	0.835	ng		99
34) Bis(2-ethylhexyl)phtha...	21.303	149	10393	0.853	ng		99
36) Indeno(1,2,3-cd)pyrene	26.118	276	19688	0.835	ng		97
37) Benzo(b)fluoranthene	23.010	252	17573	0.853	ng	#	93
38) Benzo(k)fluoranthene	23.057	252	17513	0.808	ng		95
39) Benzo(a)pyrene	23.615	252	16019	0.903	ng	#	87
40) Dibenzo(a,h)anthracene	26.138	278	15395	0.818	ng		94
41) Benzo(g,h,i)perylene	26.855	276	17537	0.843	ng		98

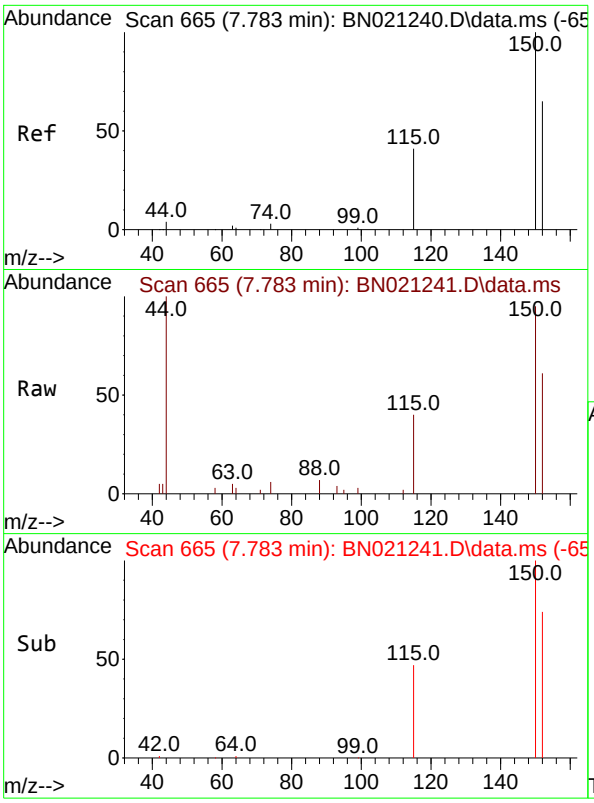
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081622\
Data File : BN021241.D
Acq On : 15 Aug 2022 18:40
Operator : CG/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Quant Time: Aug 16 05:51:59 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



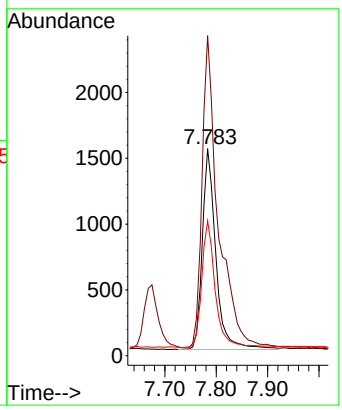


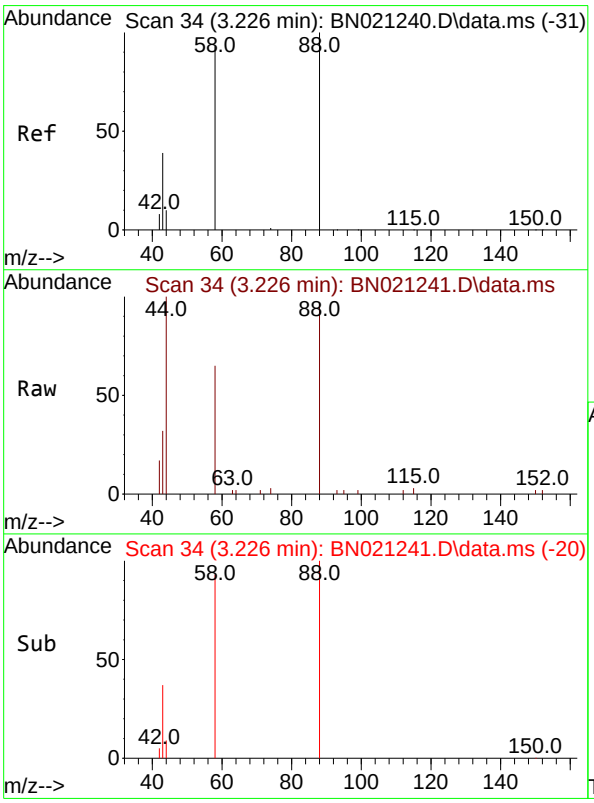
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.783 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN021241.D
Acq: 15 Aug 2022 18:40

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 2798

Ion	Ratio	Lower	Upper
152	100		
150	154.6	123.1	184.7
115	65.2	52.2	78.4

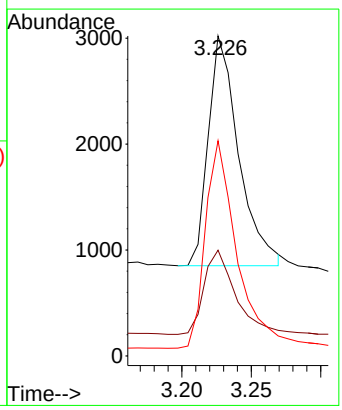


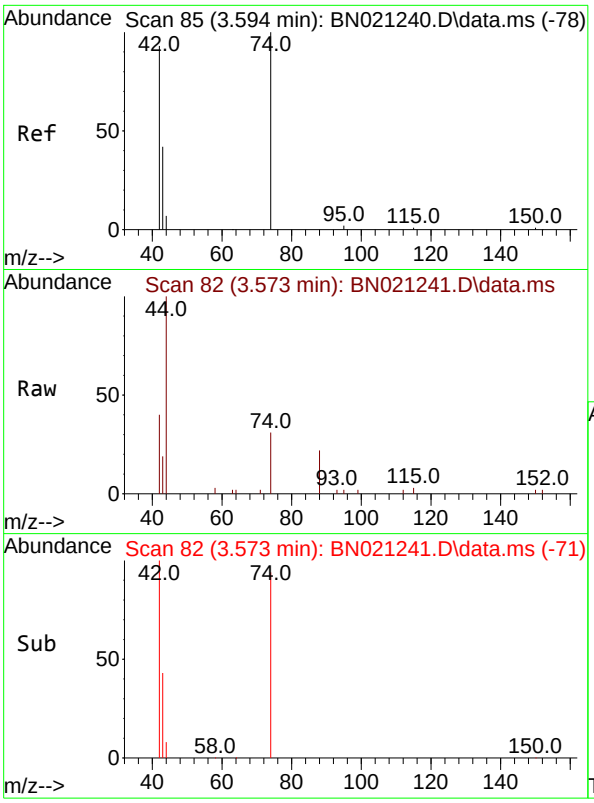


#2
1,4-Dioxane
Concen: 0.887 ng
RT: 3.226 min Scan# 34
Delta R.T. -0.000 min
Lab File: BN021241.D
Acq: 15 Aug 2022 18:40

Tgt Ion: 88 Resp: 3309

Ion	Ratio	Lower	Upper
88	100		
43	37.9	28.6	42.8
58	92.3	74.5	111.7



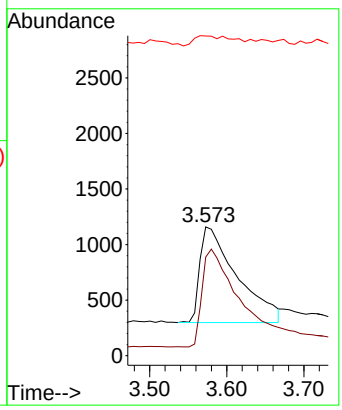


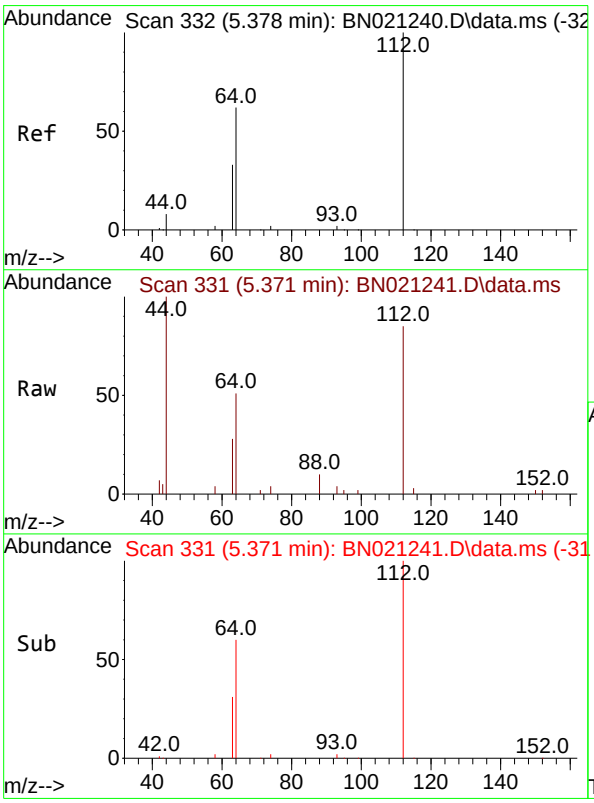
#3
n-Nitrosodimethylamine
Concen: 0.969 ng
RT: 3.573 min Scan# 8
Delta R.T. -0.022 min
Lab File: BN021241.D
Acq: 15 Aug 2022 18:40

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion: 42 Resp: 2888

Ion	Ratio	Lower	Upper
42	100		
74	103.4	82.4	123.6
44	11.0	2.7	4.1#

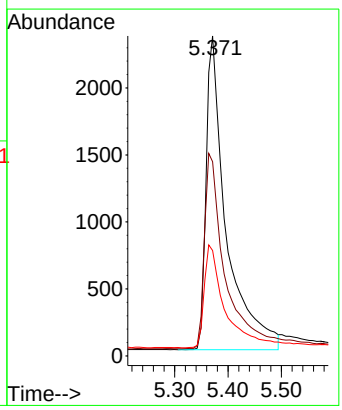


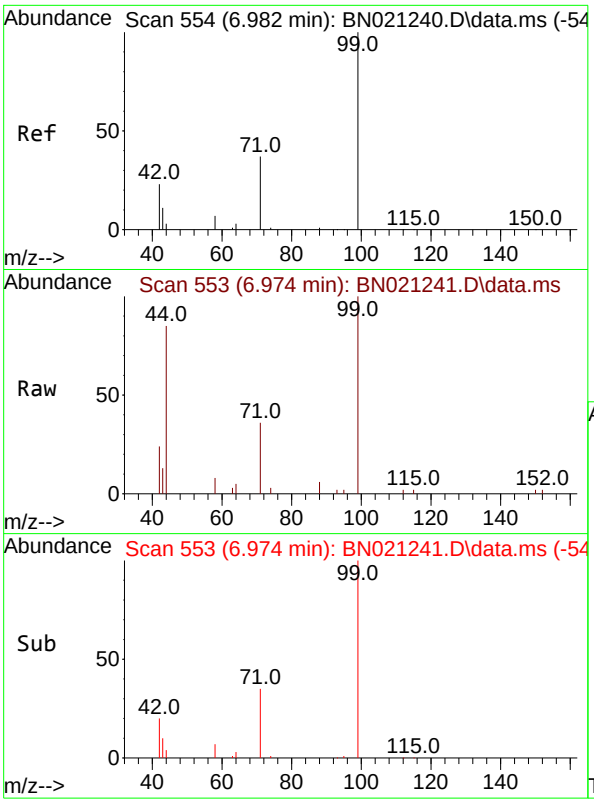


#4
2-Fluorophenol
Concen: 0.819 ng
RT: 5.371 min Scan# 331
Delta R.T. -0.007 min
Lab File: BN021241.D
Acq: 15 Aug 2022 18:40

Tgt Ion:112 Resp: 6118

Ion	Ratio	Lower	Upper
112	100		
64	64.6	52.0	78.0
63	34.5	27.5	41.3



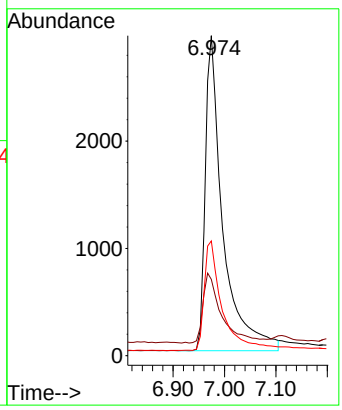


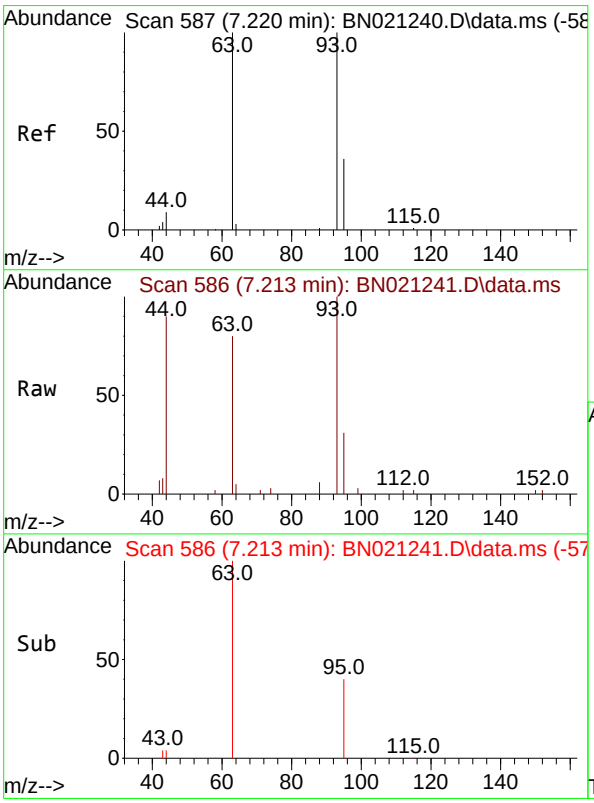
#5
Phenol-d6
Concen: 0.794 ng
RT: 6.974 min Scan# 5
Delta R.T. -0.007 min
Lab File: BN021241.D
Acq: 15 Aug 2022 18:40

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion: 99 Resp: 6962

Ion	Ratio	Lower	Upper
99	100		
42	23.6	19.1	28.7
71	35.6	28.9	43.3

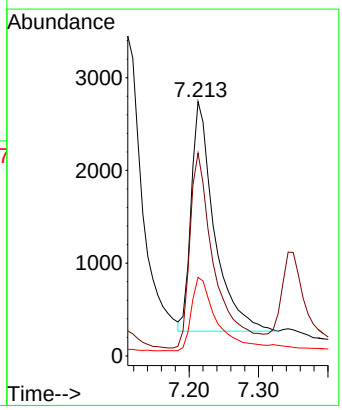


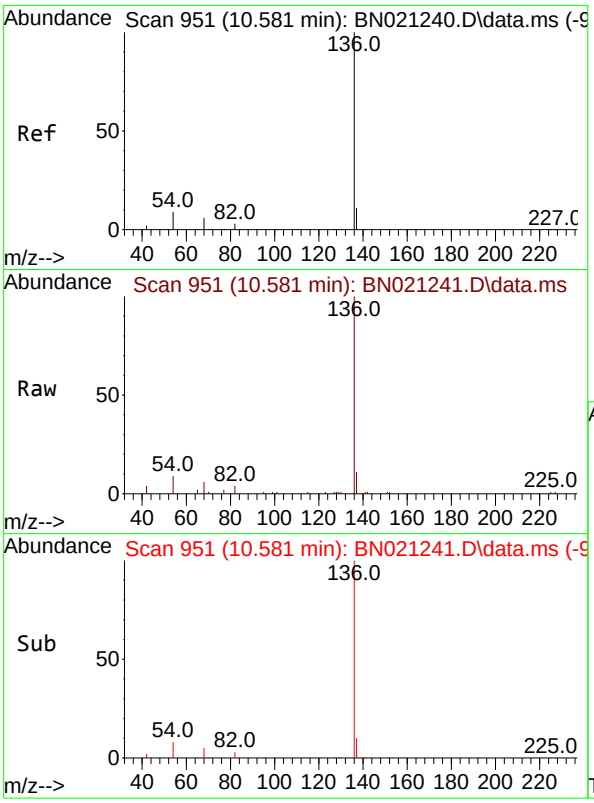


#6
bis(2-Chloroethyl)ether
Concen: 0.754 ng
RT: 7.213 min Scan# 586
Delta R.T. -0.007 min
Lab File: BN021241.D
Acq: 15 Aug 2022 18:40

Tgt Ion: 93 Resp: 5704

Ion	Ratio	Lower	Upper
93	100		
63	90.5	67.8	101.8
95	39.1	28.7	43.1



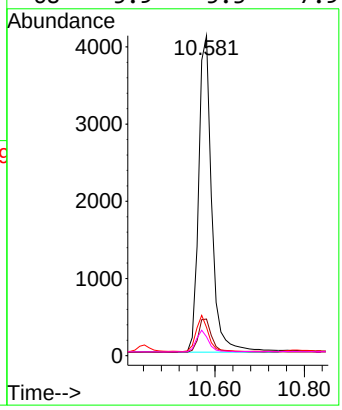


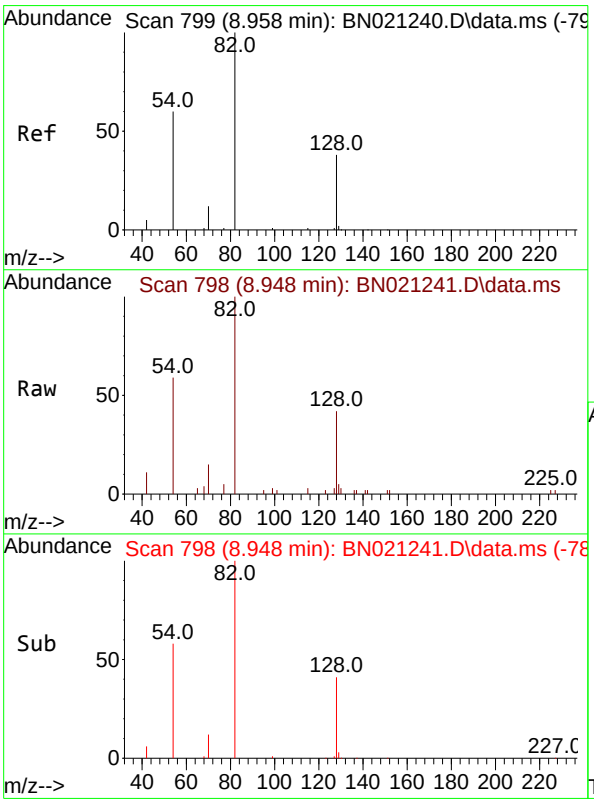
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.581 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN021241.D
Acq: 15 Aug 2022 18:40

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:136 Resp: 8349

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.6	14.4
54	8.9	8.2	12.2
68	5.9	5.3	7.9

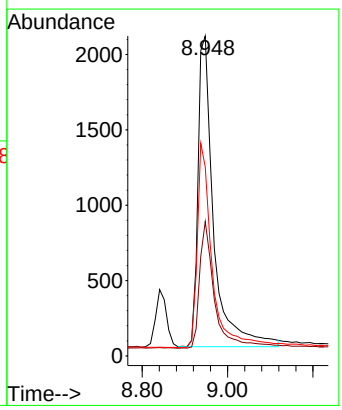


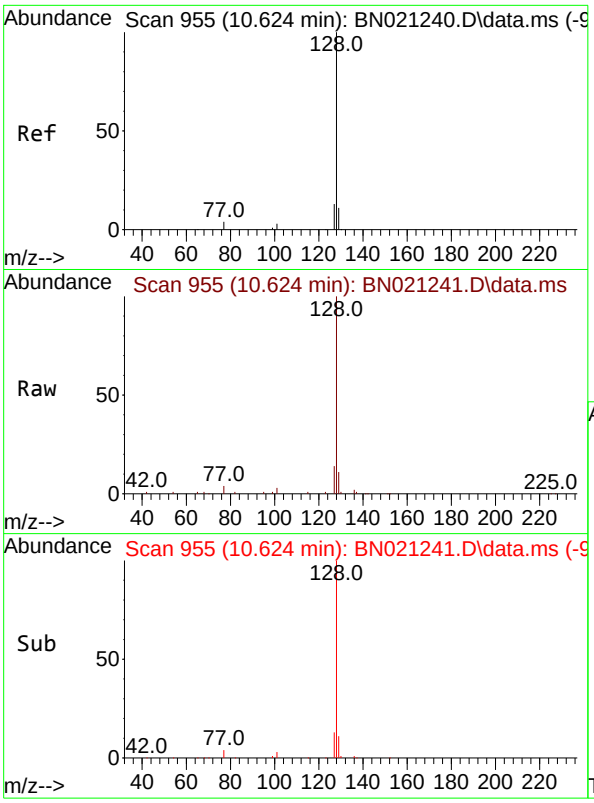


#8
Nitrobenzene-d5
Concen: 0.774 ng
RT: 8.948 min Scan# 798
Delta R.T. -0.011 min
Lab File: BN021241.D
Acq: 15 Aug 2022 18:40

Tgt Ion: 82 Resp: 5255

Ion	Ratio	Lower	Upper
82	100		
128	42.0	33.6	50.4
54	59.1	50.2	75.2



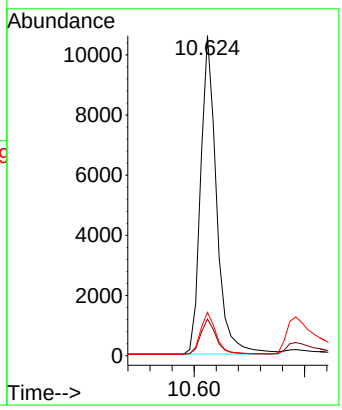


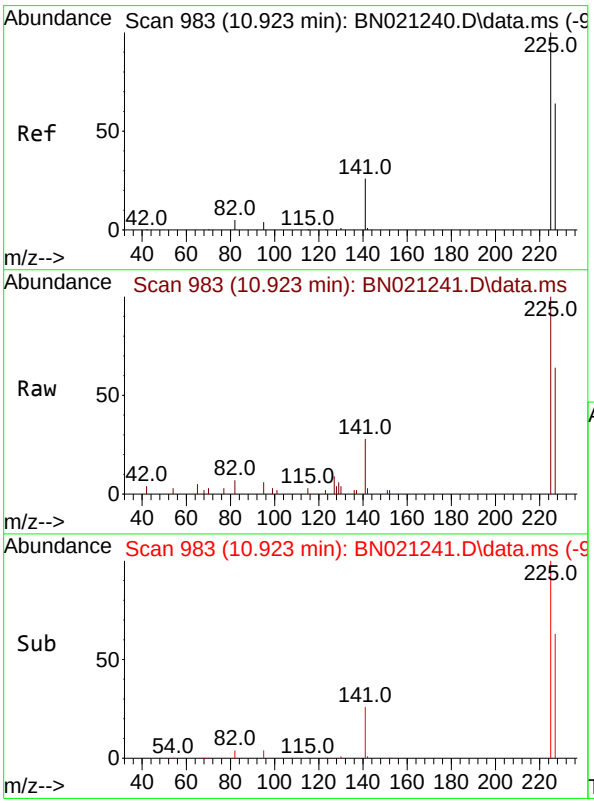
#9
Naphthalene
Concen: 0.848 ng
RT: 10.624 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN021241.D
Acq: 15 Aug 2022 18:40

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:128 Resp: 21236

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.4	14.0
127	13.6	11.0	16.6

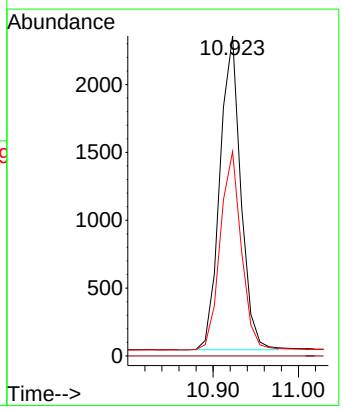


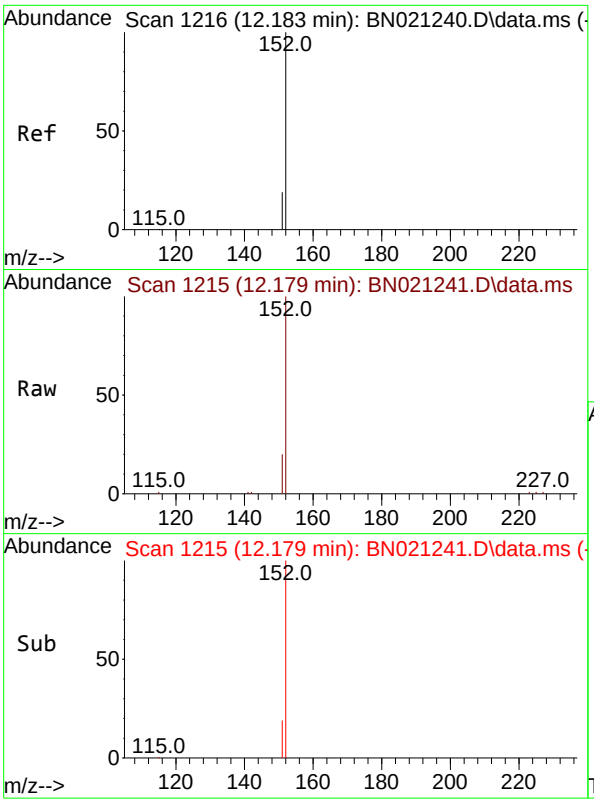


#10
Hexachlorobutadiene
Concen: 0.862 ng
RT: 10.923 min Scan# 983
Delta R.T. -0.000 min
Lab File: BN021241.D
Acq: 15 Aug 2022 18:40

Tgt Ion:225 Resp: 3926

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.6	50.9	76.3



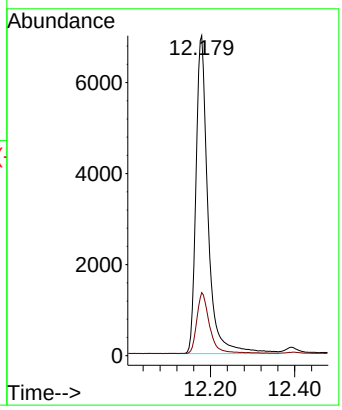


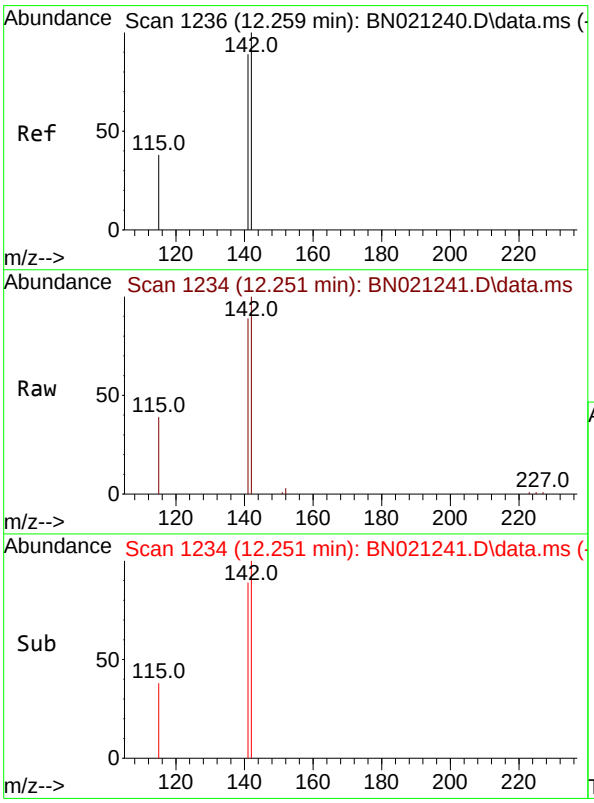
#11
2-Methylnaphthalene-d10
Concen: 0.981 ng
RT: 12.179 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN021241.D
Acq: 15 Aug 2022 18:40

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 13939

Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.8	23.8

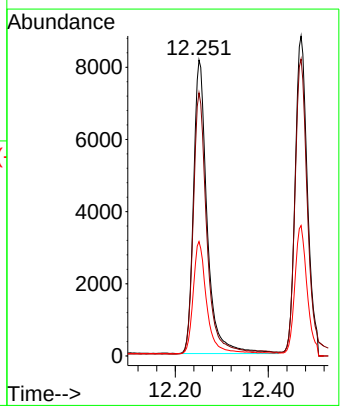


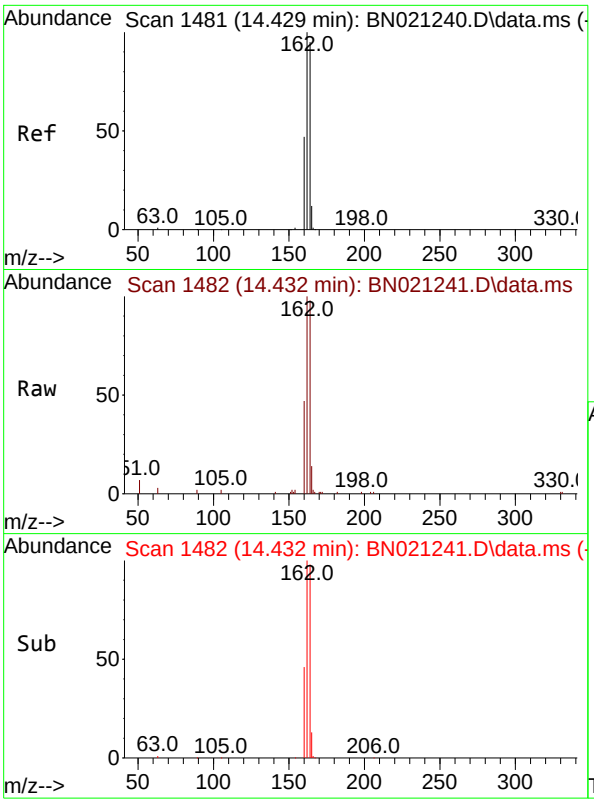


#12
2-Methylnaphthalene
Concen: 1.012 ng
RT: 12.251 min Scan# 1234
Delta R.T. -0.008 min
Lab File: BN021241.D
Acq: 15 Aug 2022 18:40

Tgt Ion:142 Resp: 16589

Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.0	106.6
115	38.7	31.3	46.9



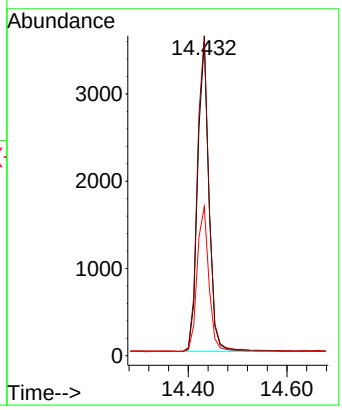


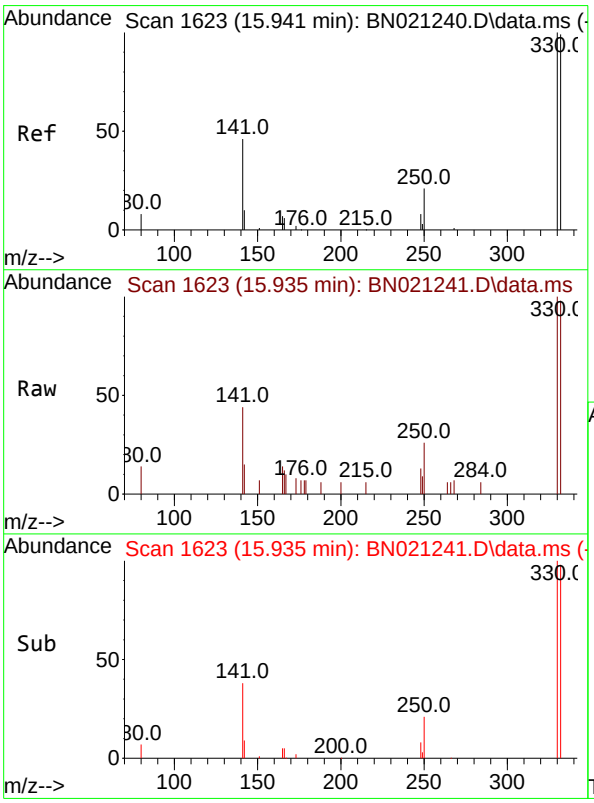
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.432 min Scan# 14
Delta R.T. 0.004 min
Lab File: BN021241.D
Acq: 15 Aug 2022 18:40

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:164 Resp: 5637

Ion	Ratio	Lower	Upper
164	100		
162	102.0	83.8	125.6
160	47.5	39.8	59.6

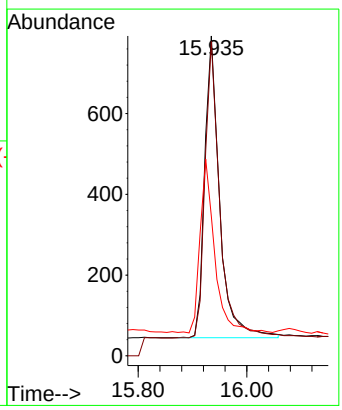


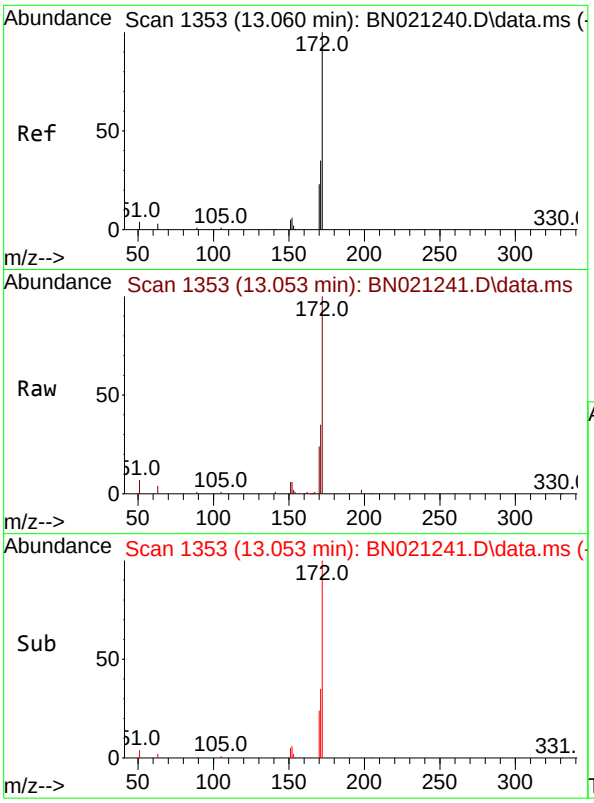


#14
2,4,6-Tribromophenol
Concen: 0.705 ng
RT: 15.935 min Scan# 1623
Delta R.T. -0.006 min
Lab File: BN021241.D
Acq: 15 Aug 2022 18:40

Tgt Ion:330 Resp: 1428

Ion	Ratio	Lower	Upper
330	100		
332	96.9	78.1	117.1
141	55.5	45.4	68.0



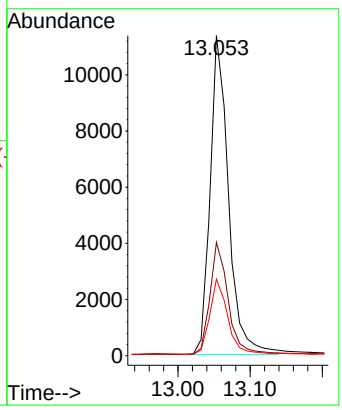


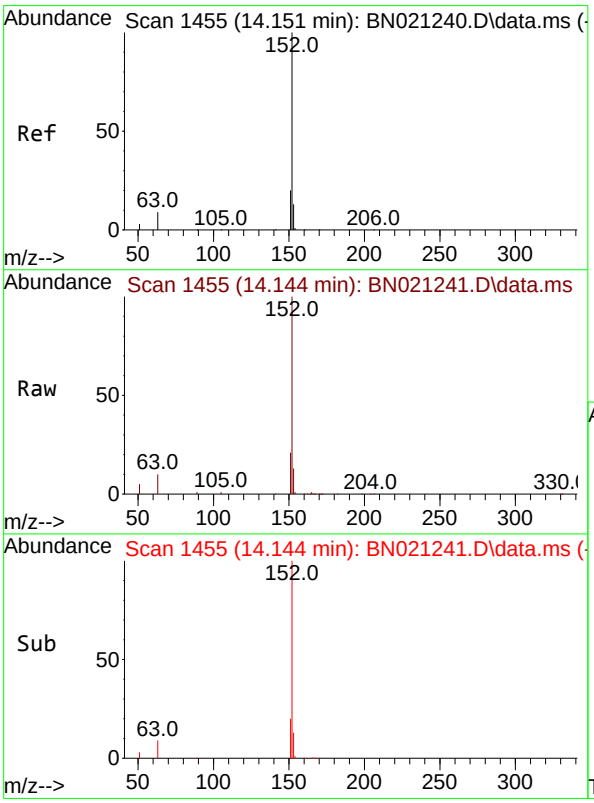
#15
2-Fluorobiphenyl
Concen: 0.888 ng
RT: 13.053 min Scan# 1
Delta R.T. -0.007 min
Lab File: BN021241.D
Acq: 15 Aug 2022 18:40

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:172 Resp: 20053

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.4	42.6
170	23.9	19.0	28.6

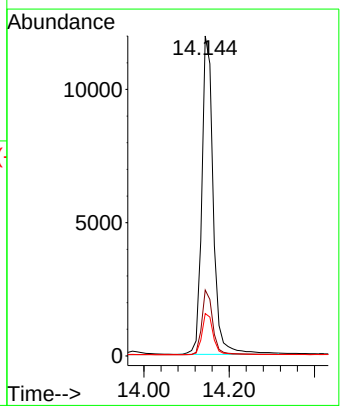


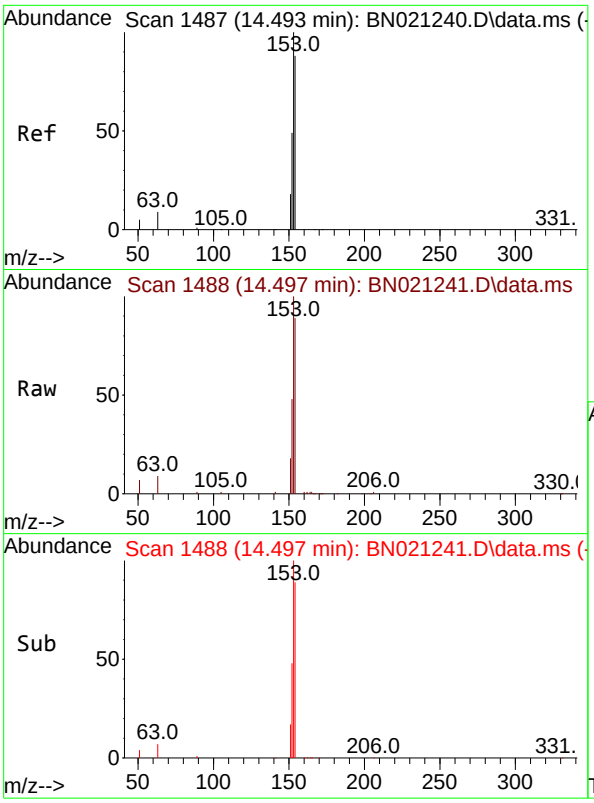


#16
Acenaphthylene
Concen: 0.826 ng
RT: 14.144 min Scan# 1455
Delta R.T. -0.007 min
Lab File: BN021241.D
Acq: 15 Aug 2022 18:40

Tgt Ion:152 Resp: 22330

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.8	23.6
153	12.9	10.4	15.6



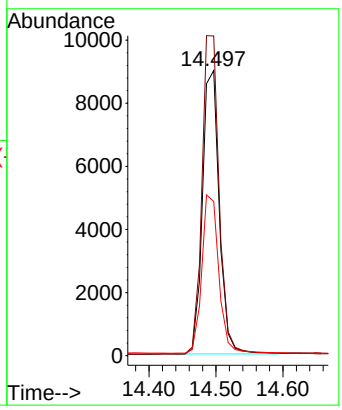


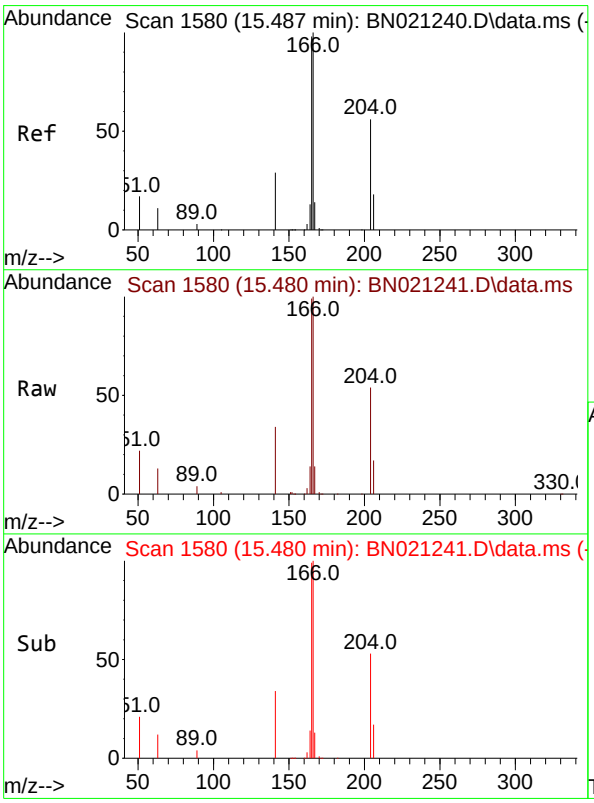
#17
Acenaphthene
Concen: 0.852 ng
RT: 14.497 min Scan# 14
Delta R.T. 0.004 min
Lab File: BN021241.D
Acq: 15 Aug 2022 18:40

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:154 Resp: 15667

Ion	Ratio	Lower	Upper
154	100		
153	115.3	91.5	137.3
152	56.5	45.2	67.8

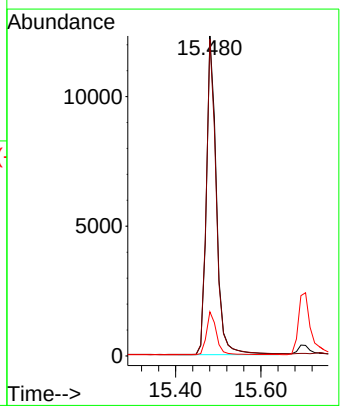


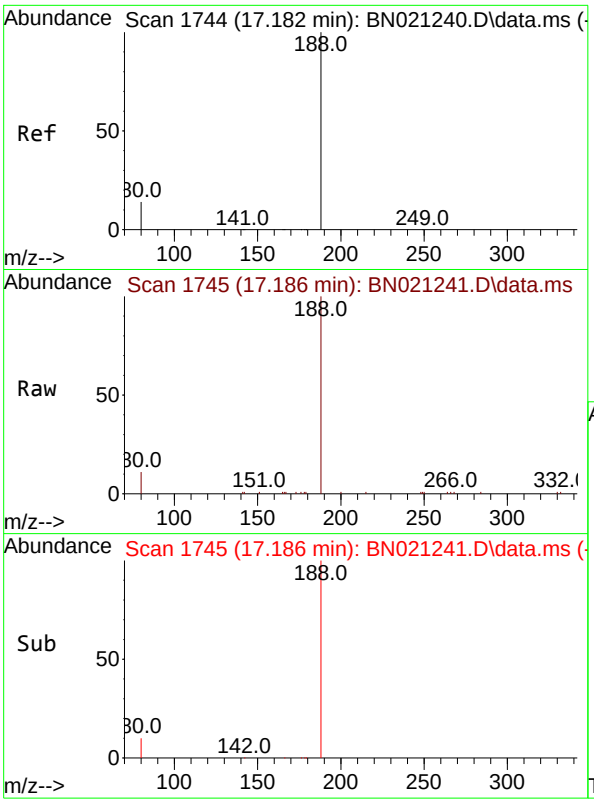


#18
Fluorene
Concen: 0.842 ng
RT: 15.480 min Scan# 1580
Delta R.T. -0.007 min
Lab File: BN021241.D
Acq: 15 Aug 2022 18:40

Tgt Ion:166 Resp: 19945

Ion	Ratio	Lower	Upper
166	100		
165	98.4	78.8	118.2
167	13.4	11.0	16.4



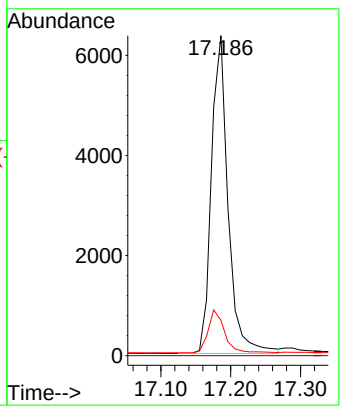


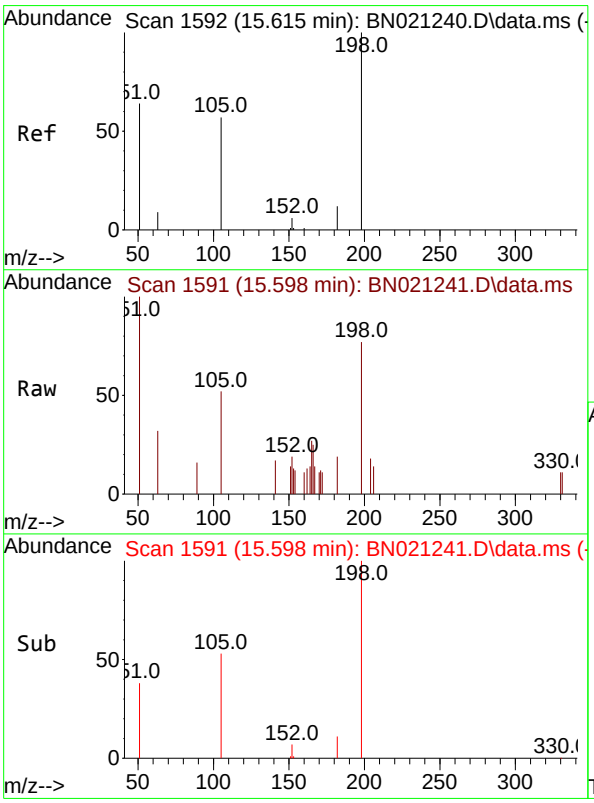
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.186 min Scan# 1
Delta R.T. 0.004 min
Lab File: BN021241.D
Acq: 15 Aug 2022 18:40

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:188 Resp: 10566

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.0	11.8	17.6#

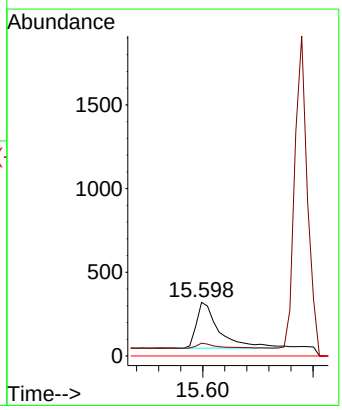


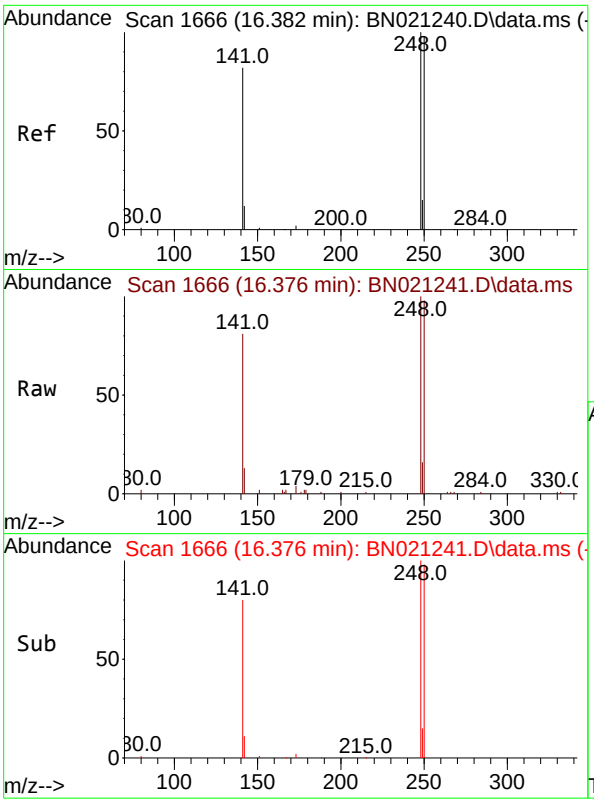


#20
4,6-Dinitro-2-methylphenol
Concen: 0.652 ng
RT: 15.598 min Scan# 1591
Delta R.T. -0.018 min
Lab File: BN021241.D
Acq: 15 Aug 2022 18:40

Tgt Ion:198 Resp: 790

Ion	Ratio	Lower	Upper
198	100		
182	24.0	33.9	50.9#
77	0.0	0.0	0.0



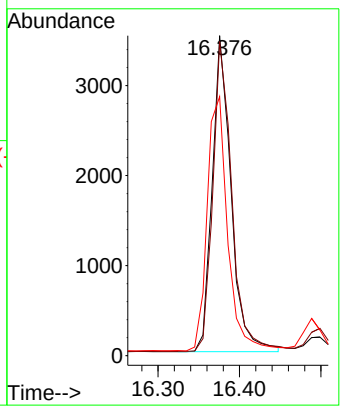


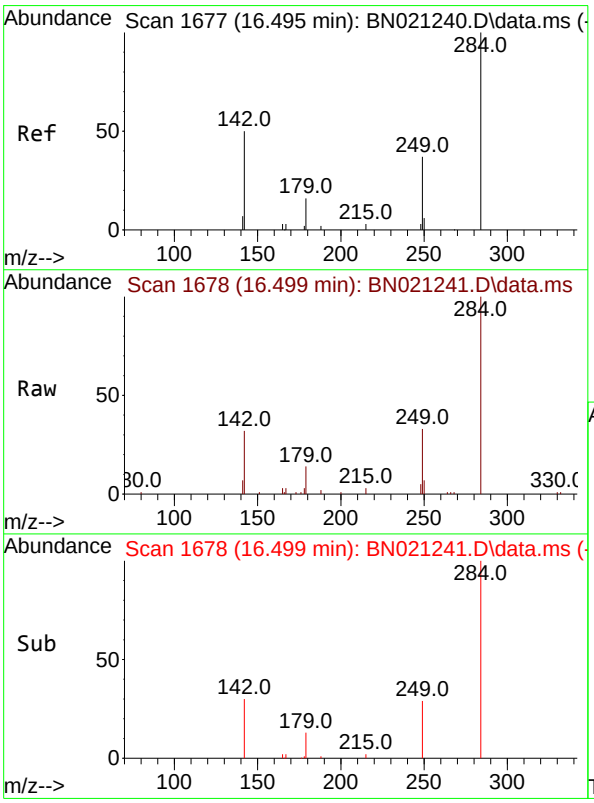
#21
4-Bromophenyl-phenylether
Concen: 0.931 ng
RT: 16.376 min Scan# 1
Delta R.T. -0.007 min
Lab File: BN021241.D
Acq: 15 Aug 2022 18:40

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:248 Resp: 5630

Ion	Ratio	Lower	Upper
248	100		
250	98.2	78.6	117.8
141	81.0	66.8	100.2

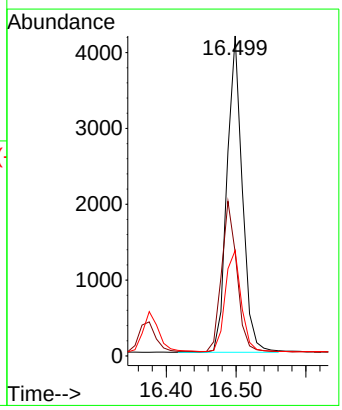


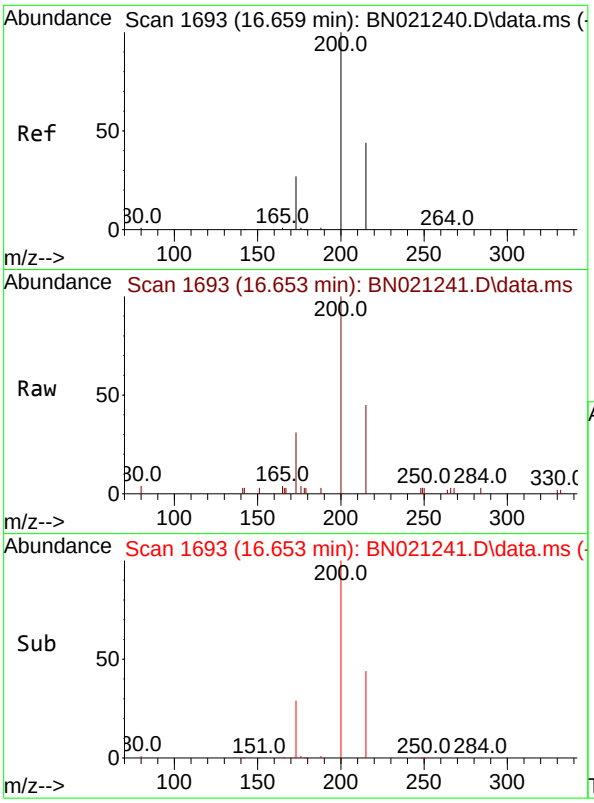


#22
Hexachlorobenzene
Concen: 0.920 ng
RT: 16.499 min Scan# 1678
Delta R.T. 0.004 min
Lab File: BN021241.D
Acq: 15 Aug 2022 18:40

Tgt Ion:284 Resp: 6314

Ion	Ratio	Lower	Upper
284	100		
142	47.7	36.0	54.0
249	33.3	27.0	40.6



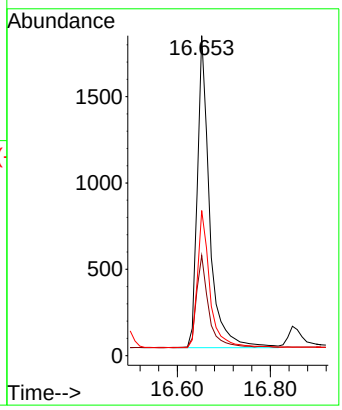


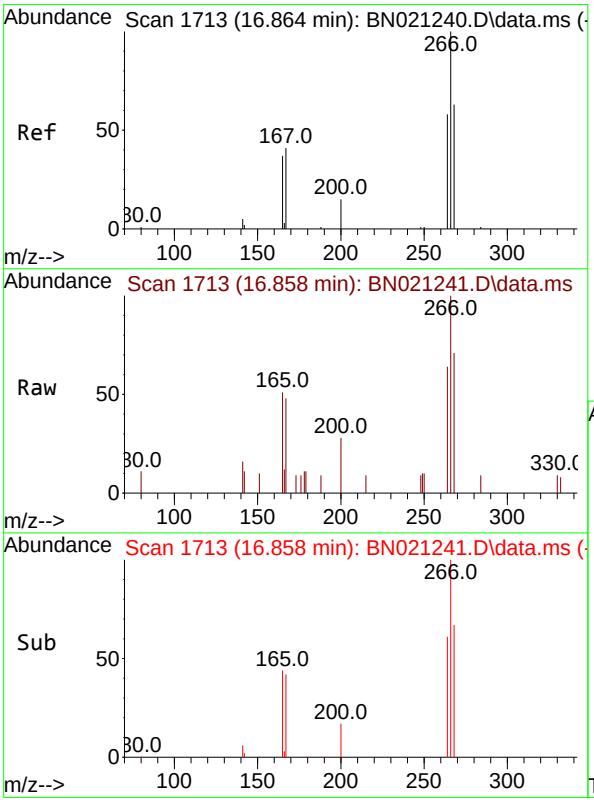
#23
Atrazine
Concen: 0.703 ng
RT: 16.653 min Scan# 1(
Delta R.T. -0.006 min
Lab File: BN021241.D
Acq: 15 Aug 2022 18:40

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:200 Resp: 3309

Ion	Ratio	Lower	Upper
200	100		
173	31.3	26.0	39.0
215	45.3	38.2	57.4

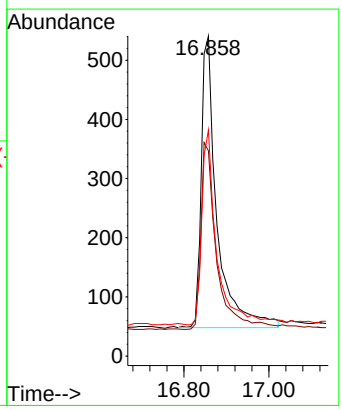


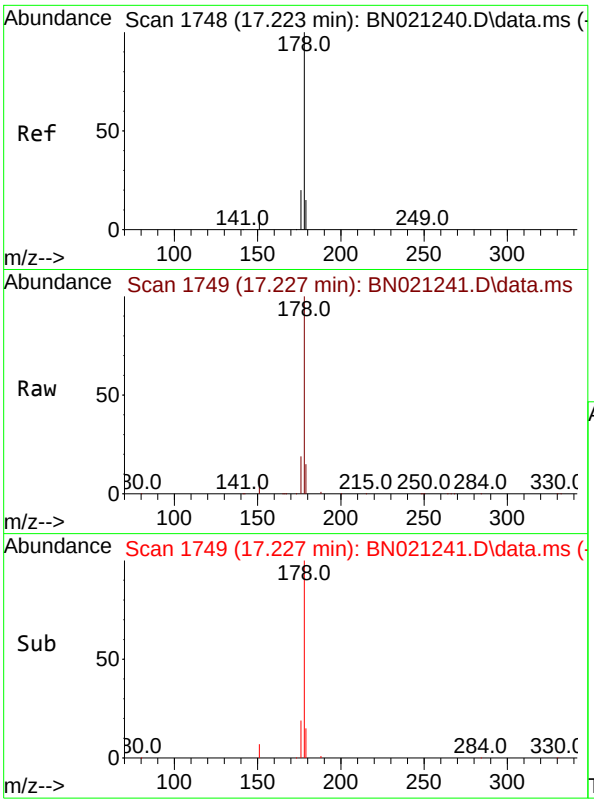


#24
Pentachlorophenol
Concen: 0.768 ng
RT: 16.858 min Scan# 1713
Delta R.T. -0.006 min
Lab File: BN021241.D
Acq: 15 Aug 2022 18:40

Tgt Ion:266 Resp: 1264

Ion	Ratio	Lower	Upper
266	100		
264	64.2	50.0	75.0
268	63.9	47.1	70.7



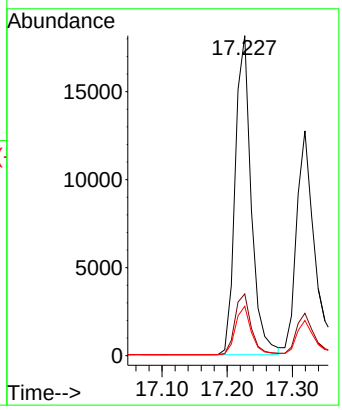


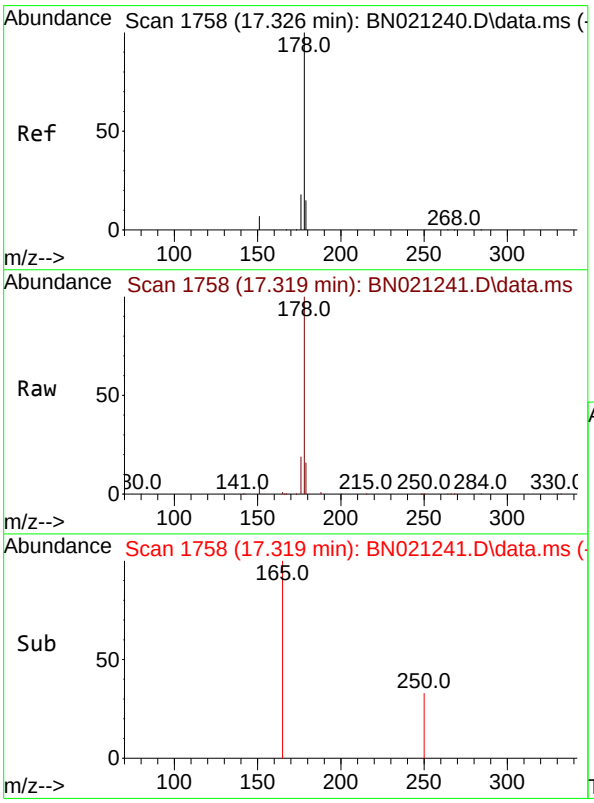
#25
Phenanthrene
Concen: 0.879 ng
RT: 17.227 min Scan# 1
Delta R.T. 0.004 min
Lab File: BN021241.D
Acq: 15 Aug 2022 18:40

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:178 Resp: 30916

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.6	23.4
179	15.1	12.2	18.4

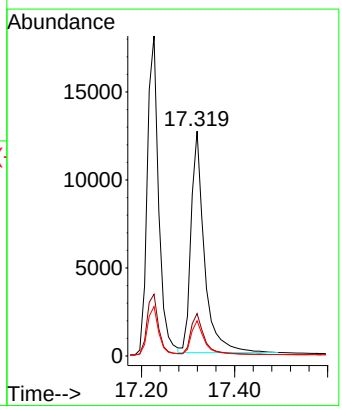


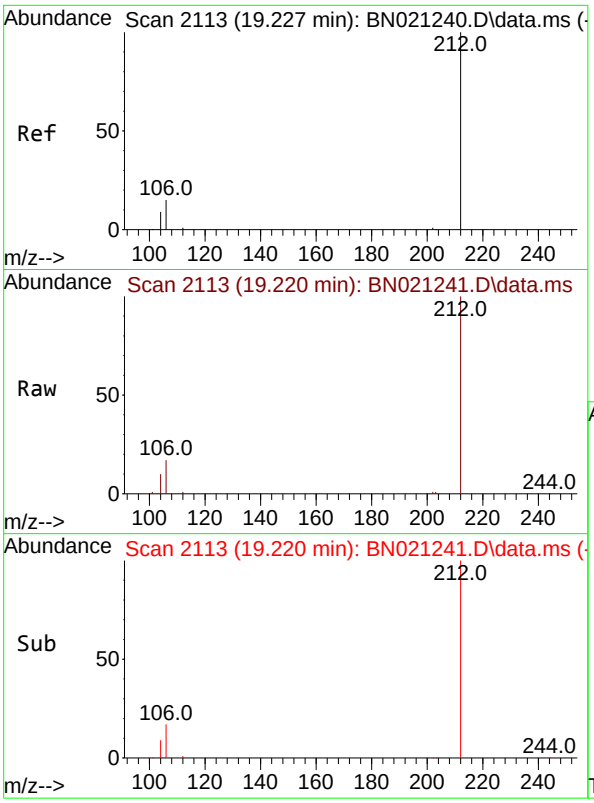


#26
Anthracene
Concen: 0.827 ng
RT: 17.319 min Scan# 1758
Delta R.T. -0.006 min
Lab File: BN021241.D
Acq: 15 Aug 2022 18:40

Tgt Ion:178 Resp: 25111

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.6	22.0
179	15.2	11.7	17.5



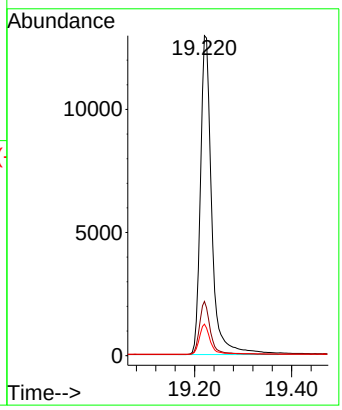


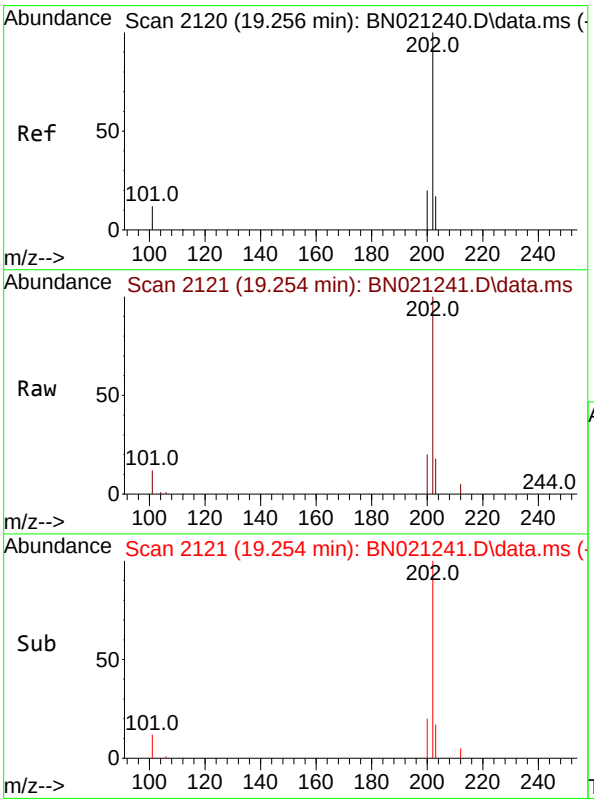
#27
Fluoranthene-d10
Concen: 0.675 ng
RT: 19.220 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN021241.D
Acq: 15 Aug 2022 18:40

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:212 Resp: 20909

Ion	Ratio	Lower	Upper
212	100		
106	16.3	12.6	18.8
104	8.9	7.2	10.8

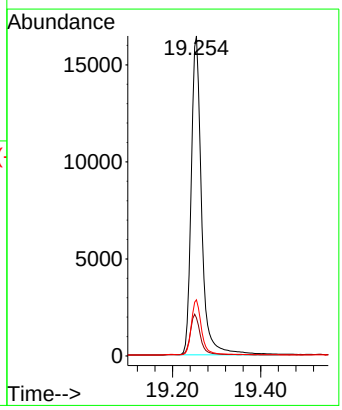


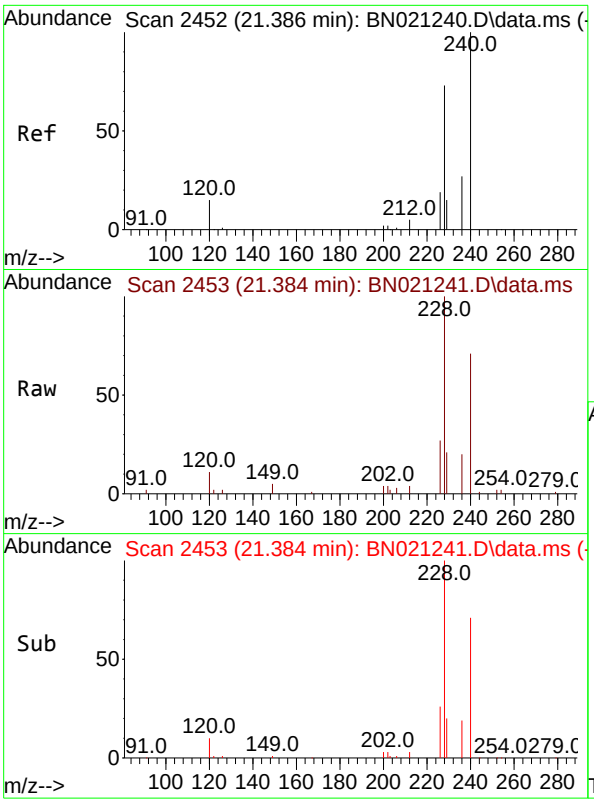


#28
Fluoranthene
Concen: 0.696 ng
RT: 19.254 min Scan# 2121
Delta R.T. -0.002 min
Lab File: BN021241.D
Acq: 15 Aug 2022 18:40

Tgt Ion:202 Resp: 26762

Ion	Ratio	Lower	Upper
202	100		
101	12.7	10.1	15.1
203	17.0	13.3	19.9



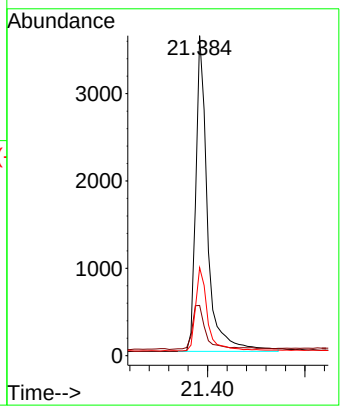


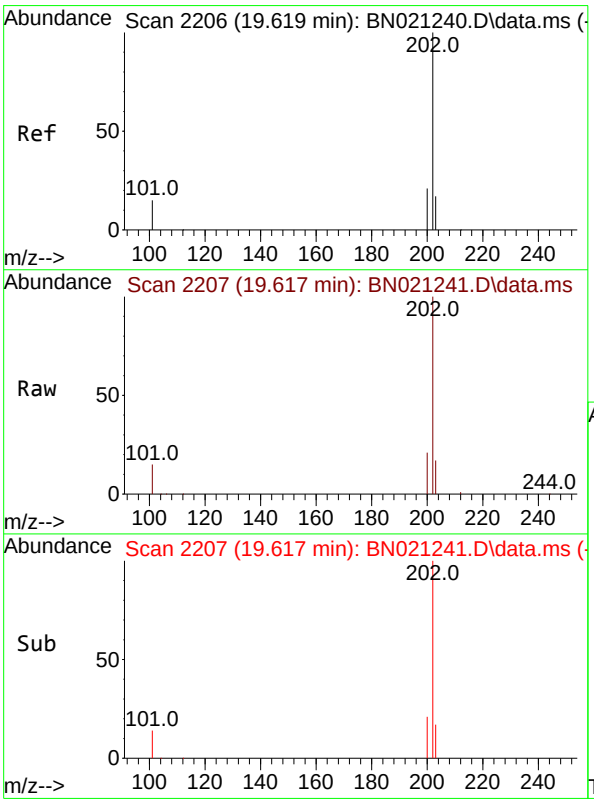
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.384 min Scan# 24
Delta R.T. -0.002 min
Lab File: BN021241.D
Acq: 15 Aug 2022 18:40

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:240 Resp: 6038

Ion	Ratio	Lower	Upper
240	100		
120	15.7	13.4	20.2
236	27.5	22.6	33.8

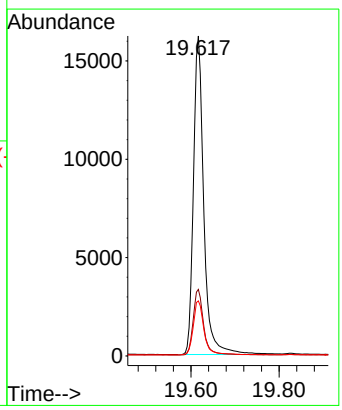


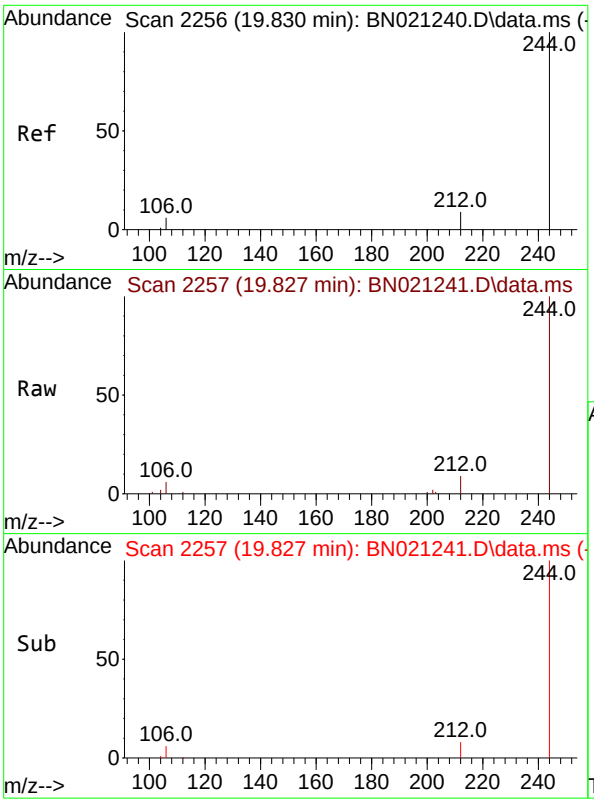


#30
Pyrene
Concen: 0.999 ng
RT: 19.617 min Scan# 2207
Delta R.T. -0.002 min
Lab File: BN021241.D
Acq: 15 Aug 2022 18:40

Tgt Ion:202 Resp: 26425

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.8	25.2
203	17.7	14.2	21.4



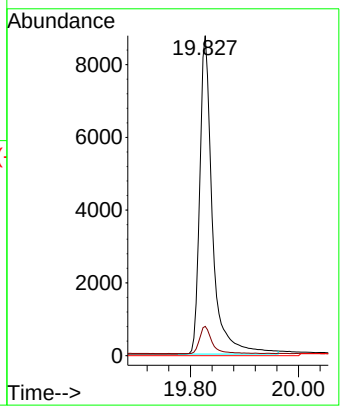


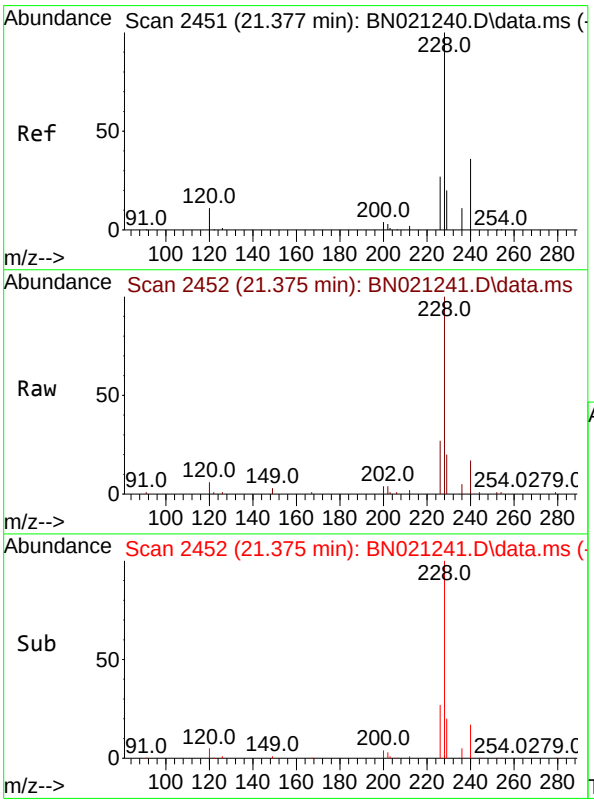
#31
Terphenyl-d14
Concen: 0.966 ng
RT: 19.827 min Scan# 2
Delta R.T. -0.002 min
Lab File: BN021241.D
Acq: 15 Aug 2022 18:40

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:244 Resp: 14248

Ion	Ratio	Lower	Upper
244	100		
212	9.2	8.3	12.5
122	0.0	0.0	0.0

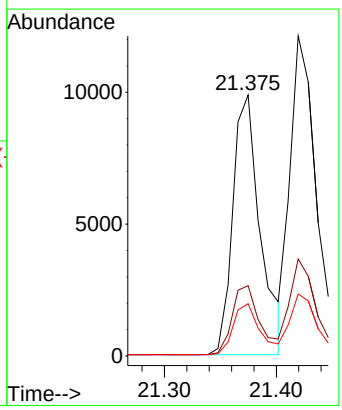


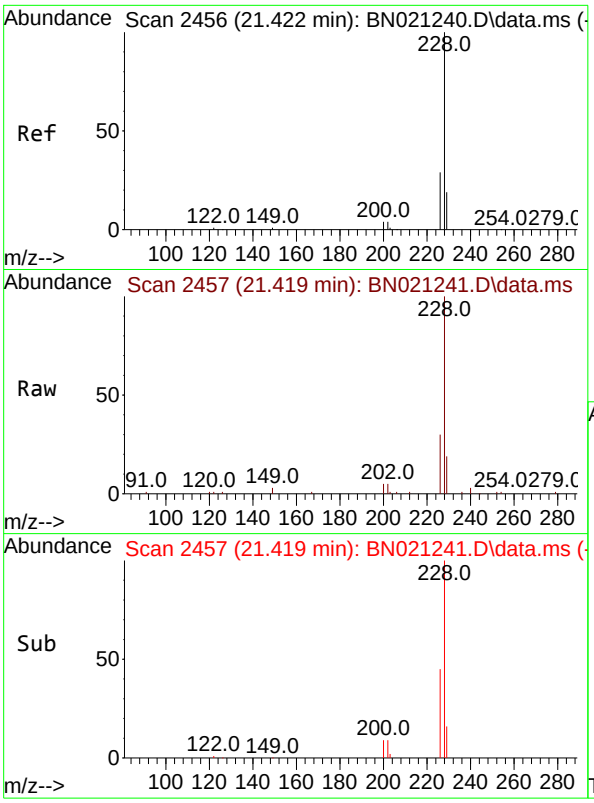


#32
Benzo(a)anthracene
Concen: 0.805 ng
RT: 21.375 min Scan# 2452
Delta R.T. -0.002 min
Lab File: BN021241.D
Acq: 15 Aug 2022 18:40

Tgt Ion:228 Resp: 16778

Ion	Ratio	Lower	Upper
228	100		
226	26.9	22.4	33.6
229	20.1	16.6	24.8



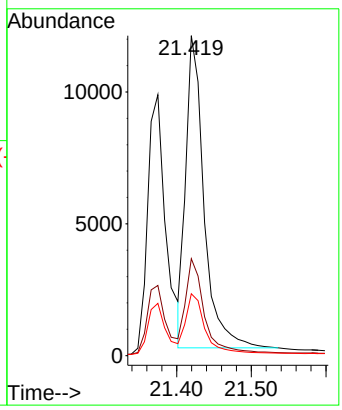


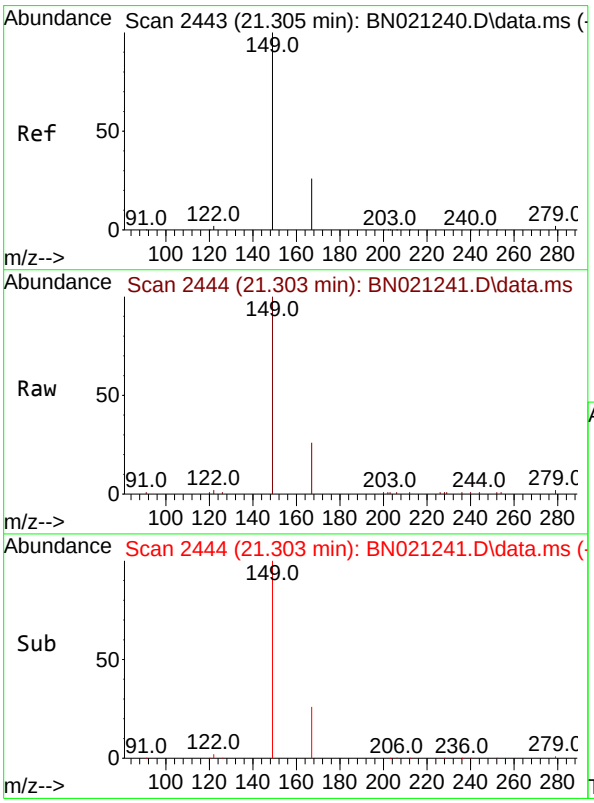
#33
Chrysene
Concen: 0.835 ng
RT: 21.419 min Scan# 24
Delta R.T. -0.002 min
Lab File: BN021241.D
Acq: 15 Aug 2022 18:40

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:228 Resp: 20114

Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.8	35.8
229	19.4	15.9	23.9

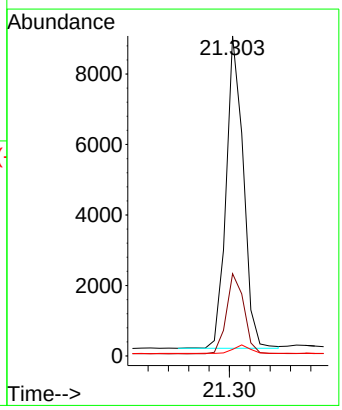


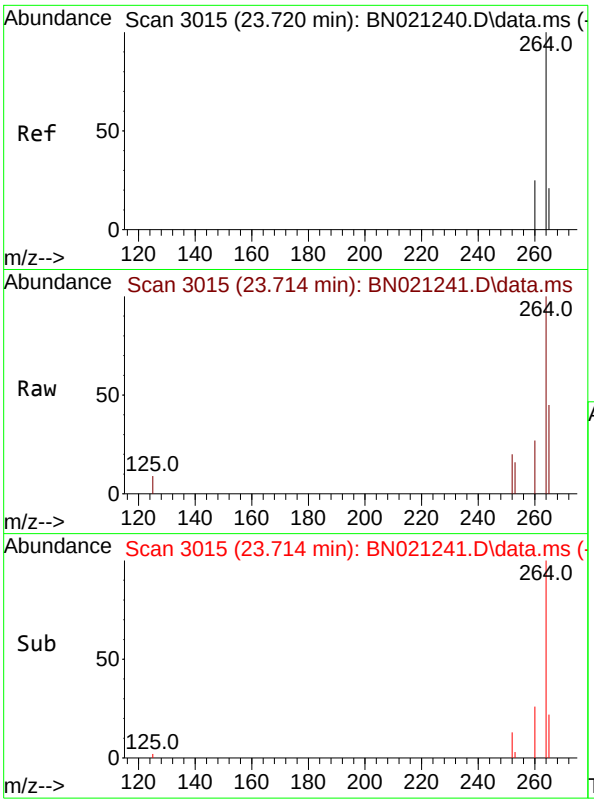


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.853 ng
RT: 21.303 min Scan# 2444
Delta R.T. -0.002 min
Lab File: BN021241.D
Acq: 15 Aug 2022 18:40

Tgt Ion:149 Resp: 10393

Ion	Ratio	Lower	Upper
149	100		
167	26.2	20.6	31.0
279	3.1	2.4	3.6



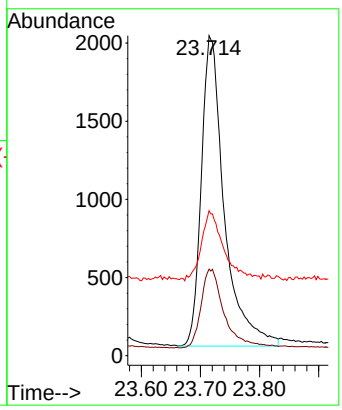


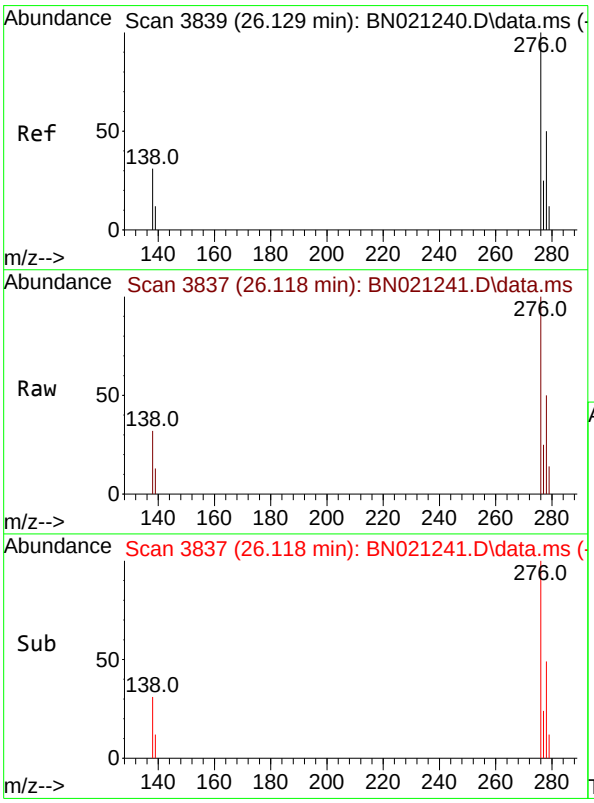
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.714 min Scan# 3
Delta R.T. -0.005 min
Lab File: BN021241.D
Acq: 15 Aug 2022 18:40

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:264 Resp: 5337

Ion	Ratio	Lower	Upper
264	100		
260	27.1	21.4	32.2
265	45.3	34.3	51.5

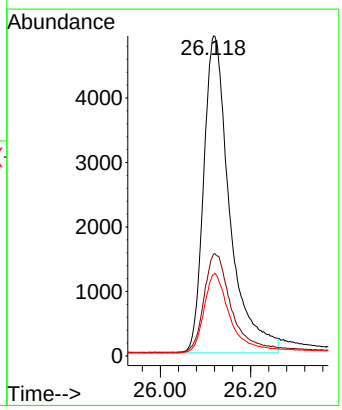


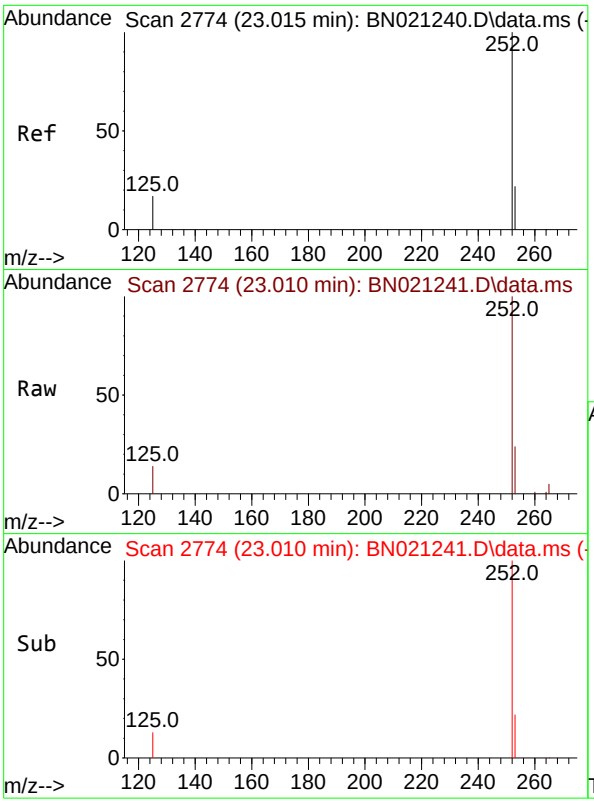


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.835 ng
RT: 26.118 min Scan# 3837
Delta R.T. -0.011 min
Lab File: BN021241.D
Acq: 15 Aug 2022 18:40

Tgt Ion:276 Resp: 19688

Ion	Ratio	Lower	Upper
276	100		
138	32.5	24.2	36.2
277	24.8	19.1	28.7



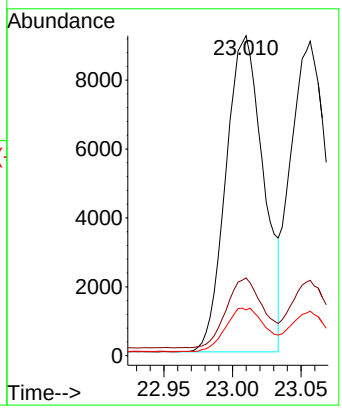


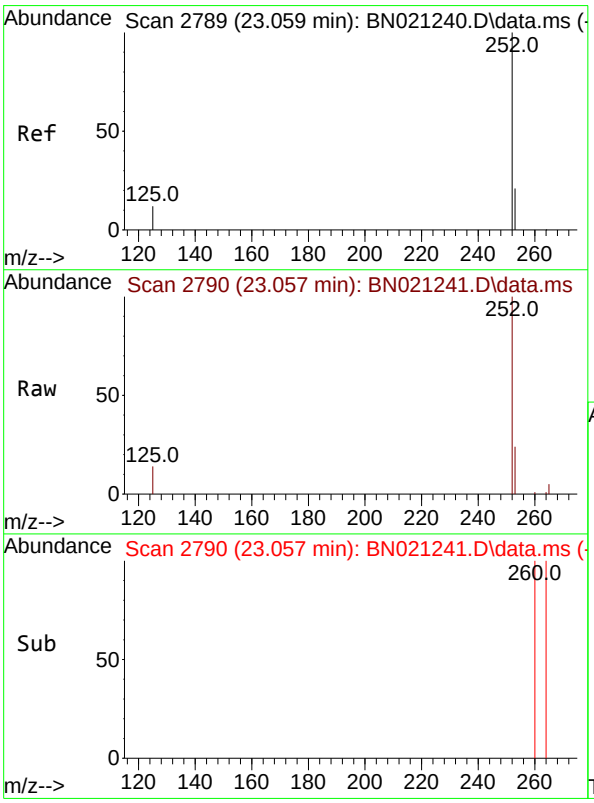
#37
Benzo(b)fluoranthene
Concen: 0.853 ng
RT: 23.010 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN021241.D
Acq: 15 Aug 2022 18:40

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 17573

Ion	Ratio	Lower	Upper
252	100		
253	24.3	21.4	32.0
125	14.3	15.3	22.9#

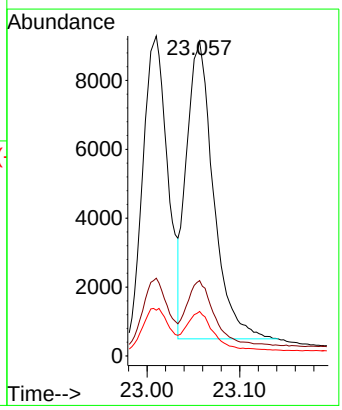


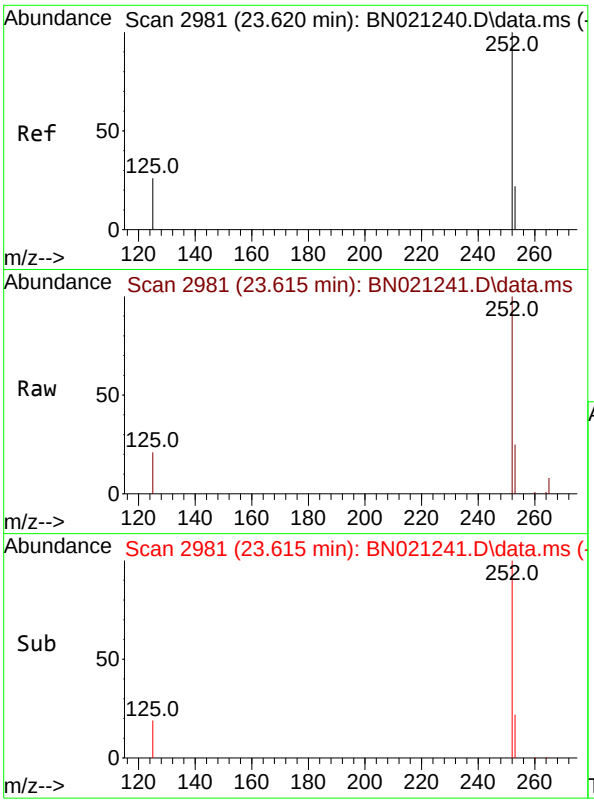


#38
Benzo(k)fluoranthene
Concen: 0.808 ng
RT: 23.057 min Scan# 2790
Delta R.T. -0.002 min
Lab File: BN021241.D
Acq: 15 Aug 2022 18:40

Tgt Ion:252 Resp: 17513

Ion	Ratio	Lower	Upper
252	100		
253	24.0	21.4	32.2
125	14.2	12.6	18.8



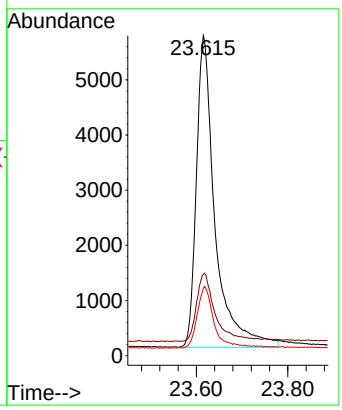


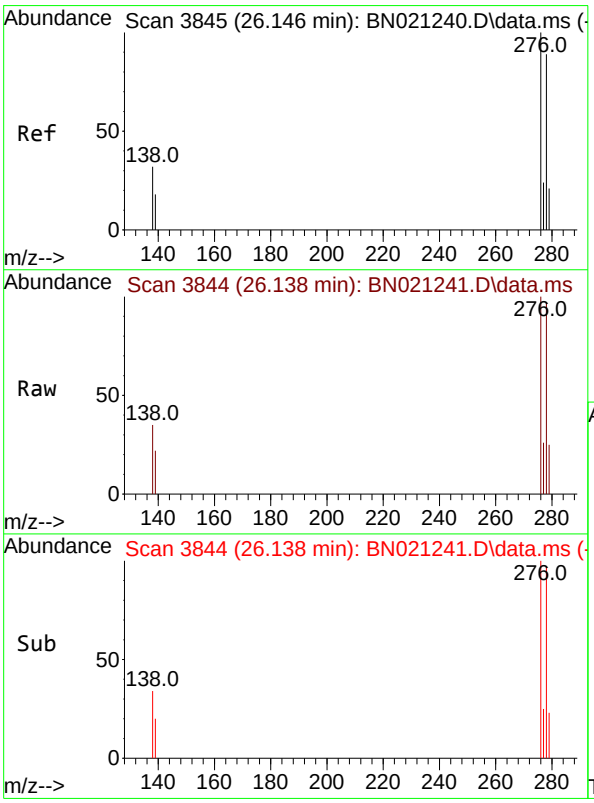
#39
Benzo(a)pyrene
Concen: 0.903 ng
RT: 23.615 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN021241.D
Acq: 15 Aug 2022 18:40

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 16019

Ion	Ratio	Lower	Upper
252	100		
253	25.4	24.8	37.2
125	21.0	23.8	35.6#

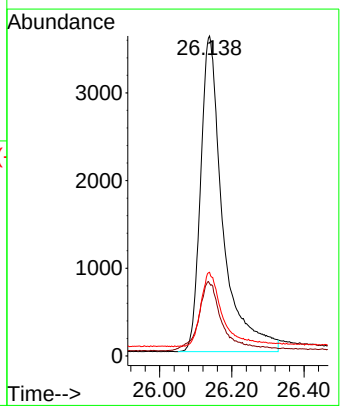


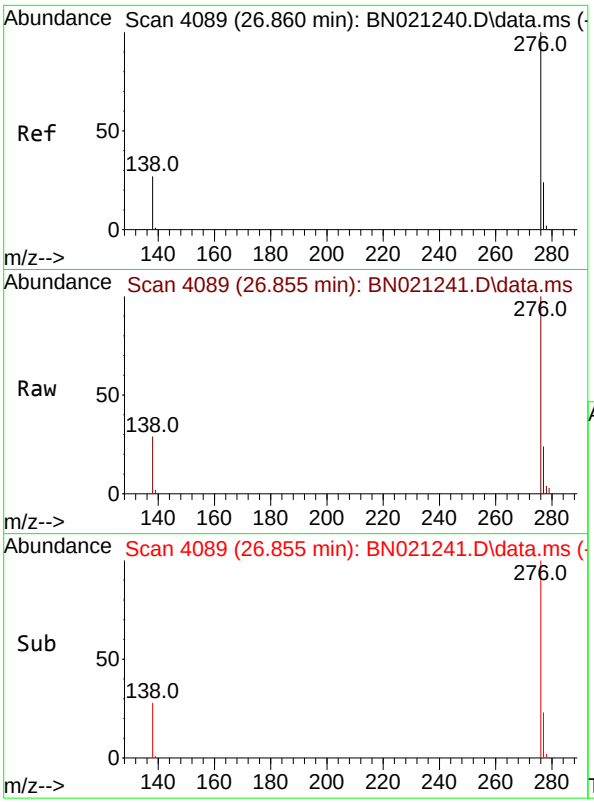


#40
Dibenzo(a,h)anthracene
Concen: 0.818 ng
RT: 26.138 min Scan# 3844
Delta R.T. -0.008 min
Lab File: BN021241.D
Acq: 15 Aug 2022 18:40

Tgt Ion:278 Resp: 15395

Ion	Ratio	Lower	Upper
278	100		
139	22.7	20.5	30.7
279	26.1	23.8	35.8





#41
Benzo(g,h,i)perylene
Concen: 0.843 ng
RT: 26.855 min Scan# 4
Delta R.T. -0.005 min
Lab File: BN021241.D
Acq: 15 Aug 2022 18:40

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:276 Resp: 17537

Ion	Ratio	Lower	Upper
276	100		
277	24.3	21.0	31.4
138	28.9	23.8	35.6