Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062222\
Data File : BN020342.D
Acq On : 22 Jun 2022 14:23
Operator : CG/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Quant Time: Jun 22 15:25:14 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 22 13:17:14 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.789	152	963	0.400	ng		0.00
7) Naphthalene-d8	10.573	136	3431	0.400	ng		#-0.01
13) Acenaphthene-d10	14.410	164	2611	0.400	ng		-0.01
19) Phenanthrene-d10	17.154	188	6502	0.400	ng		#-0.01
29) Chrysene-d12	21.342	240	8951	0.400	ng		0.00
35) Perylene-d12	23.656	264	9090	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.399	112	7801	2.942	ng		0.00
5) Phenol-d6	6.995	99	11417	3.776	ng		-0.01
8) Nitrobenzene-d5	8.939	82	7889	3.211	ng		-0.02
11) 2-Methylnaphthalene-d10	12.166	152	20154	3.288	ng		0.00
14) 2,4,6-Tribromophenol	15.902	330	4007	4.033	ng		-0.01
15) 2-Fluorobiphenyl	13.041	172	30175	2.866	ng		-0.01
27) Fluoranthene-d10	19.185	212	72789	3.604	ng		0.00
31) Terphenyl-d14	19.788	244	53952	2.483	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.290	88	3178	2.801	ng		95
3) n-Nitrosodimethylamine	3.615	42	3442	3.240	ng	#	92
6) bis(2-Chloroethyl)ether	7.219	93	8923	3.395	ng		98
9) Naphthalene	10.626	128	31179	3.007	ng		99
10) Hexachlorobutadiene	10.914	225	5106	2.781	ng	#	100
12) 2-Methylnaphthalene	12.238	142	23736	3.318	ng		100
16) Acenaphthylene	14.132	152	40563	3.292	ng		99
17) Acenaphthene	14.474	154	26292	3.039	ng		95
18) Fluorene	15.457	166	37757	3.252	ng		100
20) 4,6-Dinitro-2-methylph...	15.553	198	4229	7.227	ng	#	91
21) 4-Bromophenyl-phenylether	16.354	248	11614	3.046	ng	#	82
22) Hexachlorobenzene	16.466	284	12487	2.980	ng		100
23) Atrazine	16.620	200	8894	3.197	ng		98
24) Pentachlorophenol	16.825	266	5877	3.916	ng		97
25) Phenanthrene	17.195	178	69695	3.130	ng		100
26) Anthracene	17.287	178	62597	3.298	ng		100
28) Fluoranthene	19.219	202	92720	3.706	ng		99
30) Pyrene	19.581	202	96193	2.488	ng		100
32) Benzo(a)anthracene	21.333	228	103109	3.086	ng		99
33) Chrysene	21.377	228	109270	3.038	ng		98
34) Bis(2-ethylhexyl)phtha...	21.261	149	44546	2.250	ng		99
36) Indeno(1,2,3-cd)pyrene	26.021	276	144561	3.777	ng		99
37) Benzo(b)fluoranthene	22.954	252	114435	3.091	ng		97
38) Benzo(k)fluoranthene	23.001	252	118779	3.165	ng		99
39) Benzo(a)pyrene	23.551	252	101055	3.255	ng		96
40) Dibenzo(a,h)anthracene	26.033	278	116732	3.801	ng		96
41) Benzo(g,h,i)perylene	26.740	276	124656	3.708	ng		98

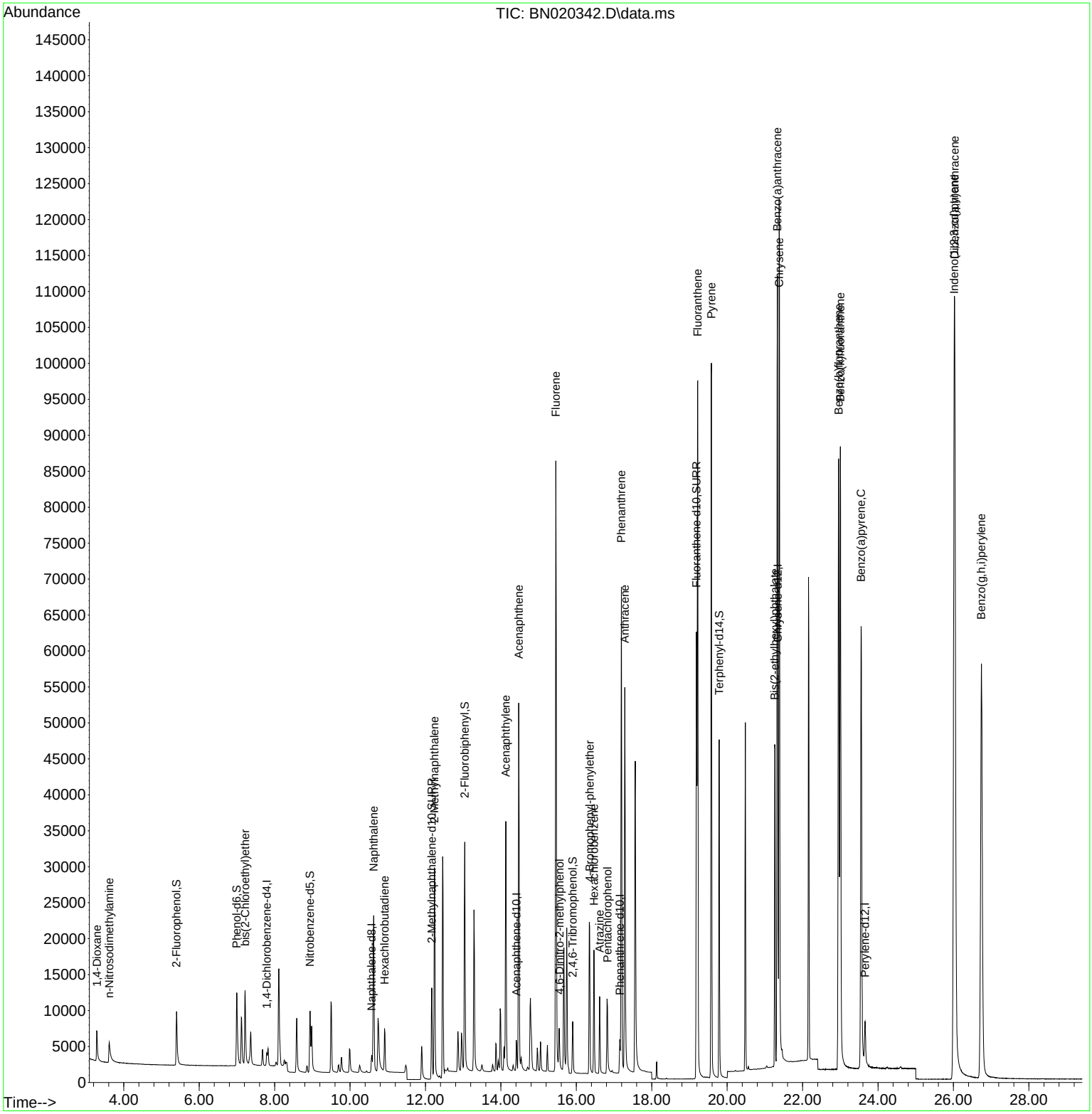
(#) = qualifier out of range (m) = manual integration (+) = signals summed

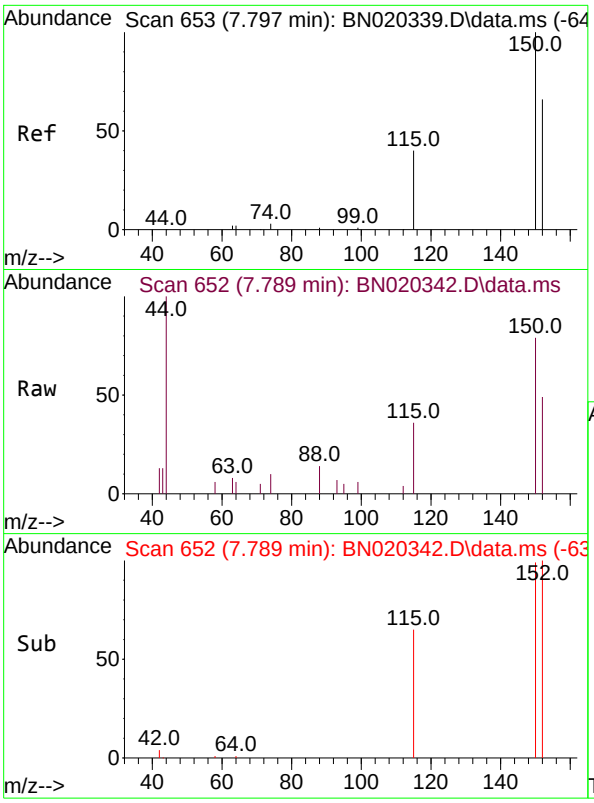
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062222\
Data File : BN020342.D
Acq On : 22 Jun 2022 14:23
Operator : CG/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Quant Time: Jun 22 15:25:14 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 22 13:17:14 2022
Response via : Initial Calibration



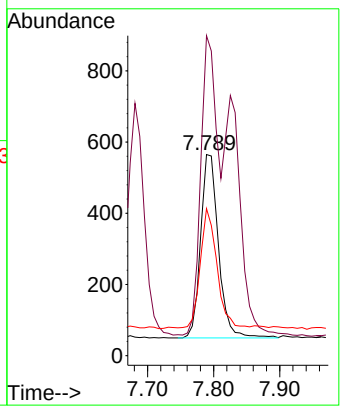


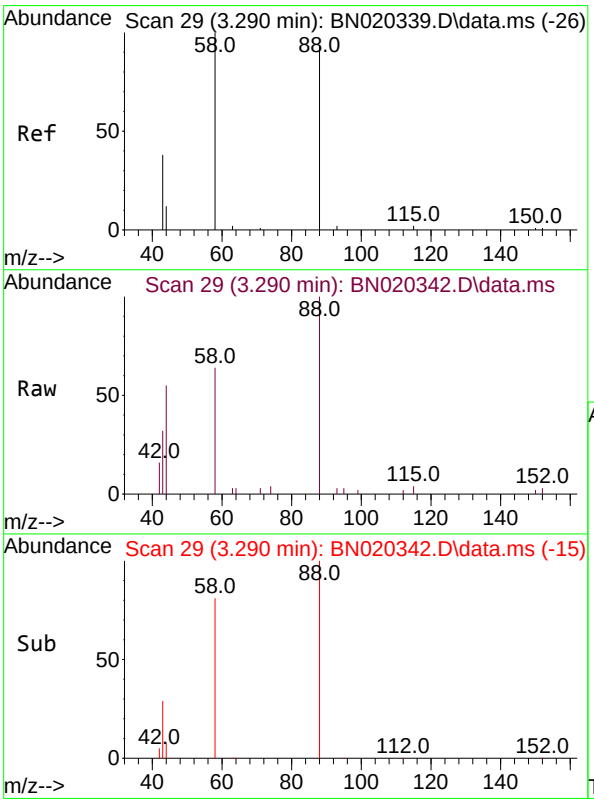
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.789 min Scan# 6
Delta R.T. -0.008 min
Lab File: BN020342.D
Acq: 22 Jun 2022 14:23

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 963

Ion	Ratio	Lower	Upper
152	100		
150	159.1	127.9	191.9
115	73.1	51.4	77.2

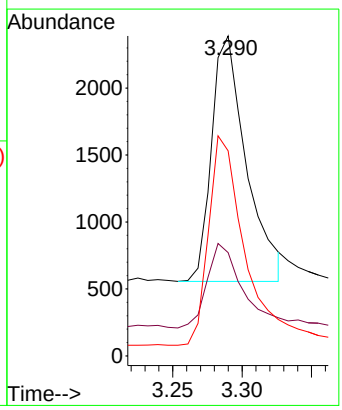


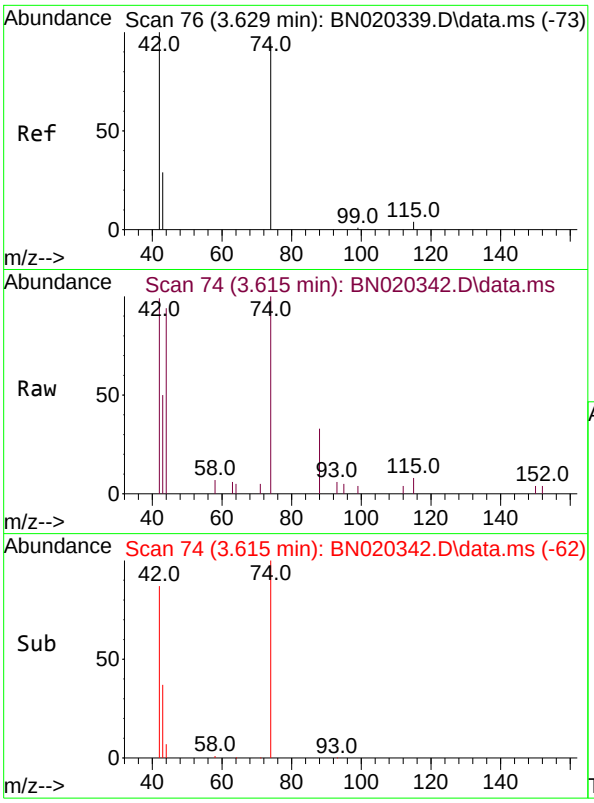


#2
1,4-Dioxane
Concen: 2.801 ng
RT: 3.290 min Scan# 29
Delta R.T. -0.000 min
Lab File: BN020342.D
Acq: 22 Jun 2022 14:23

Tgt Ion: 88 Resp: 3178

Ion	Ratio	Lower	Upper
88	100		
43	35.2	30.2	45.2
58	86.3	73.0	109.6



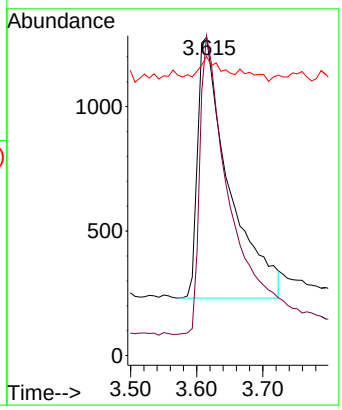


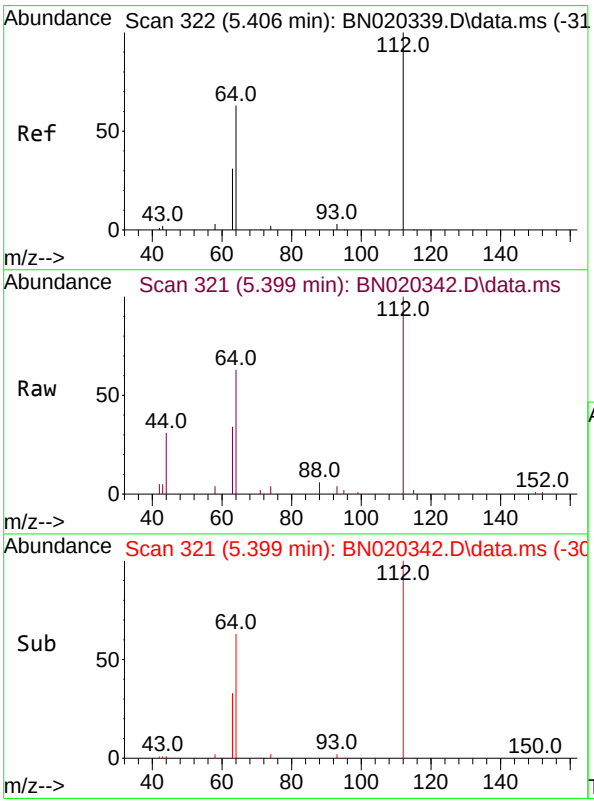
#3
n-Nitrosodimethylamine
Concen: 3.240 ng
RT: 3.615 min Scan# 7
Delta R.T. -0.014 min
Lab File: BN020342.D
Acq: 22 Jun 2022 14:23

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion: 42 Resp: 3442

Ion	Ratio	Lower	Upper
42	100		
74	112.1	84.0	126.0
44	6.0	9.8	14.8#

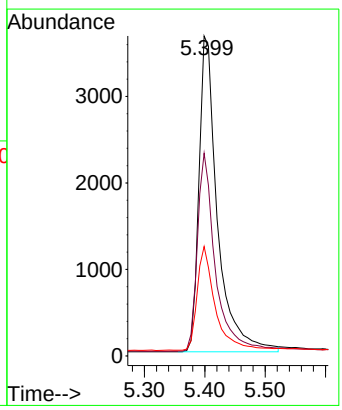


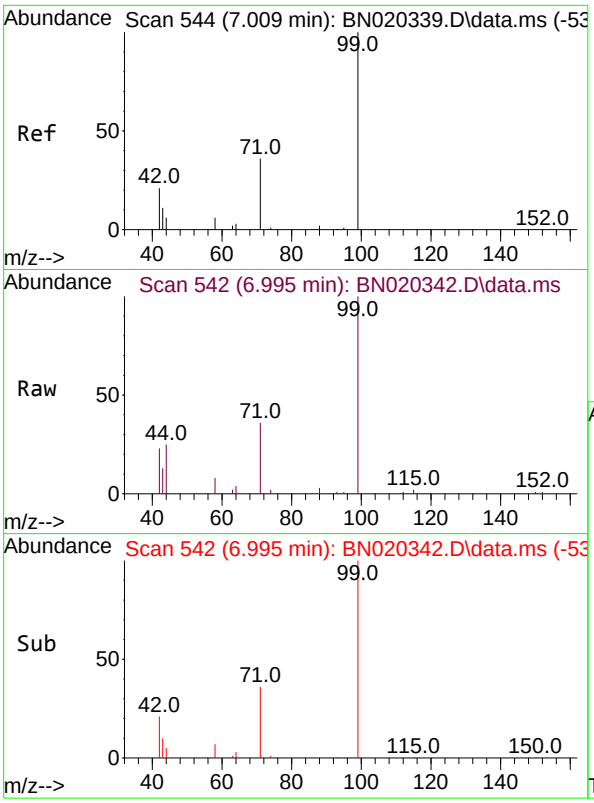


#4
2-Fluorophenol
Concen: 2.942 ng
RT: 5.399 min Scan# 321
Delta R.T. -0.007 min
Lab File: BN020342.D
Acq: 22 Jun 2022 14:23

Tgt Ion:112 Resp: 7801

Ion	Ratio	Lower	Upper
112	100		
64	61.3	49.1	73.7
63	31.9	26.3	39.5



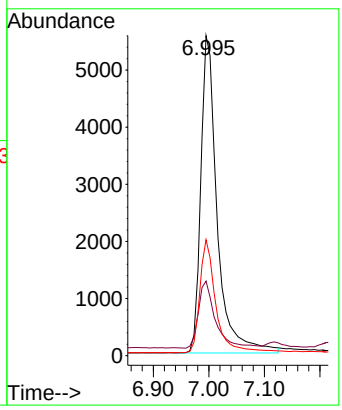


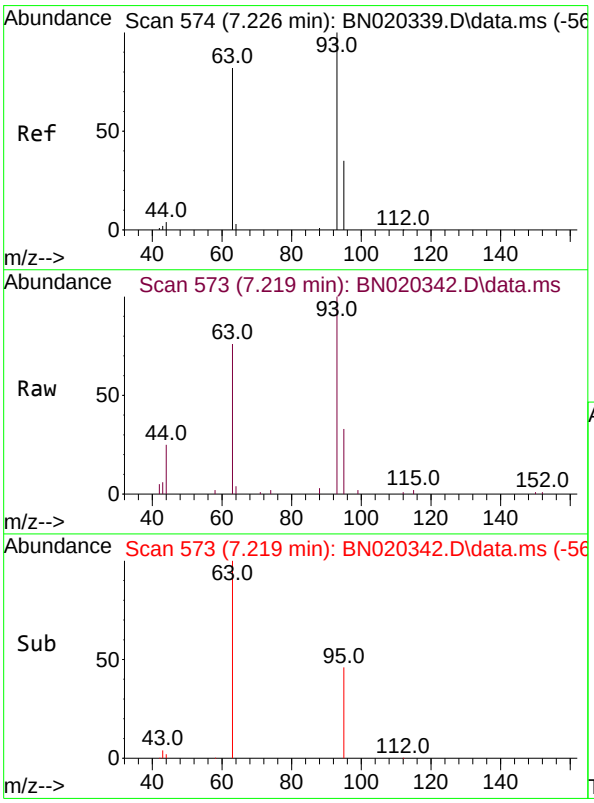
#5
Phenol-d6
Concen: 3.776 ng
RT: 6.995 min Scan# 54
Delta R.T. -0.014 min
Lab File: BN020342.D
Acq: 22 Jun 2022 14:23

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion: 99 Resp: 11417

Ion	Ratio	Lower	Upper
99	100		
42	21.7	19.3	28.9
71	34.7	27.5	41.3

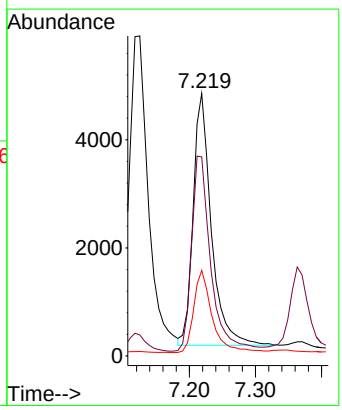


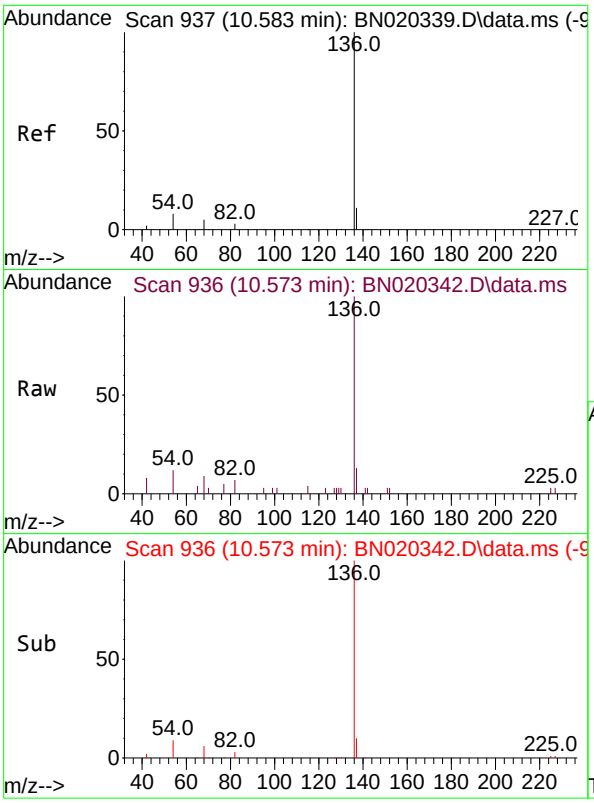


#6
bis(2-Chloroethyl)ether
Concen: 3.395 ng
RT: 7.219 min Scan# 573
Delta R.T. -0.007 min
Lab File: BN020342.D
Acq: 22 Jun 2022 14:23

Tgt Ion: 93 Resp: 8923

Ion	Ratio	Lower	Upper
93	100		
63	81.9	67.4	101.0
95	33.0	26.5	39.7



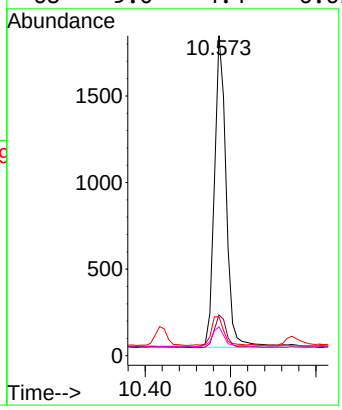


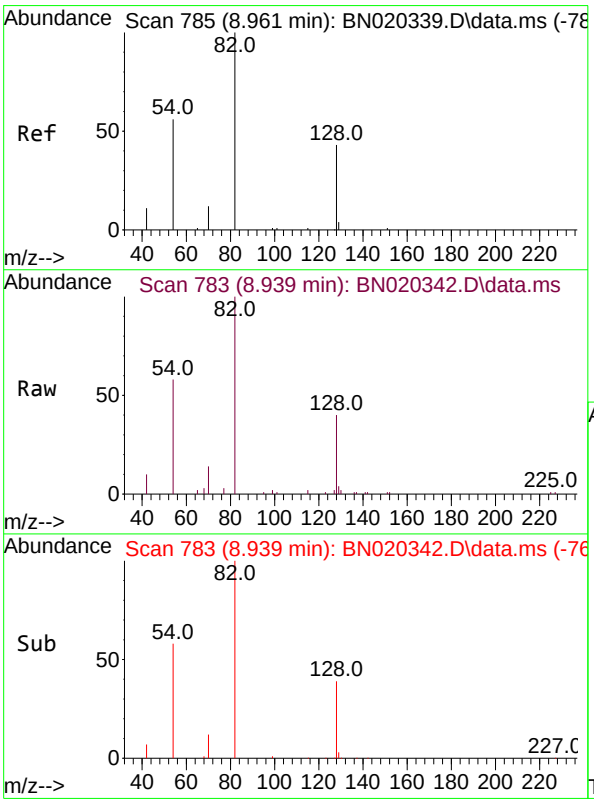
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN020342.D
Acq: 22 Jun 2022 14:23

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:136 Resp: 3431

Ion	Ratio	Lower	Upper
136	100		
137	12.7	9.0	13.6
54	12.2	6.2	9.2#
68	9.0	4.4	6.6#

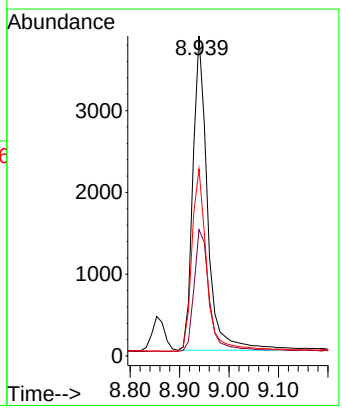


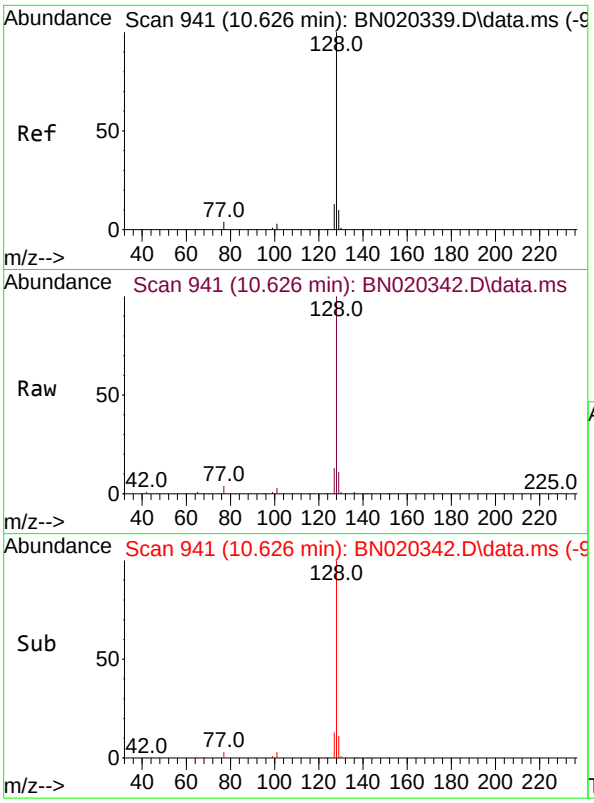


#8
Nitrobenzene-d5
Concen: 3.211 ng
RT: 8.939 min Scan# 783
Delta R.T. -0.021 min
Lab File: BN020342.D
Acq: 22 Jun 2022 14:23

Tgt Ion: 82 Resp: 7889

Ion	Ratio	Lower	Upper
82	100		
128	39.5	35.0	52.6
54	58.5	46.2	69.4



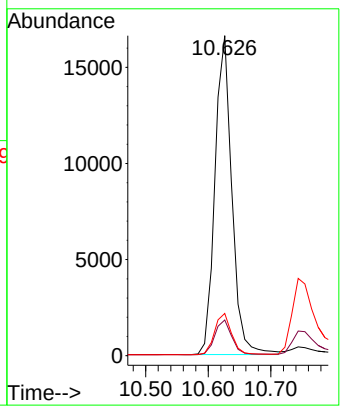


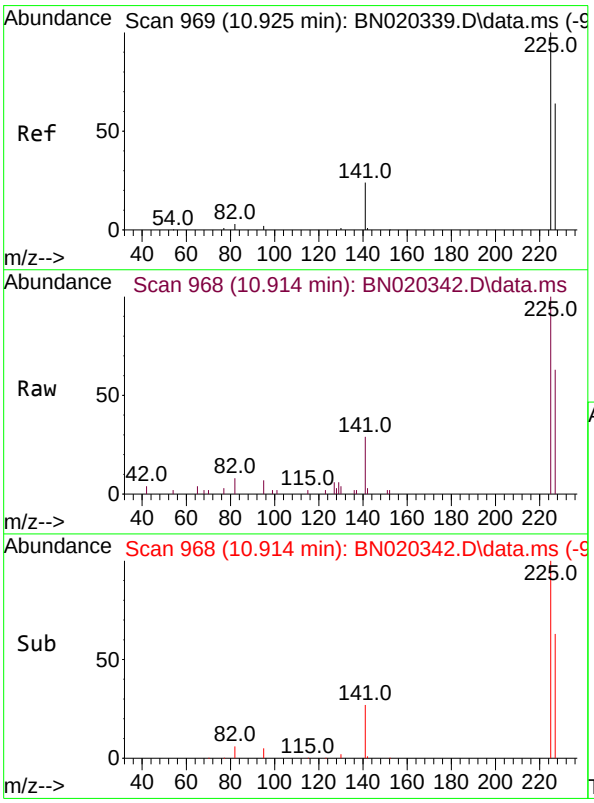
#9
Naphthalene
Concen: 3.007 ng
RT: 10.626 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN020342.D
Acq: 22 Jun 2022 14:23

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:128 Resp: 31179

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.9	13.3
127	13.2	10.8	16.2

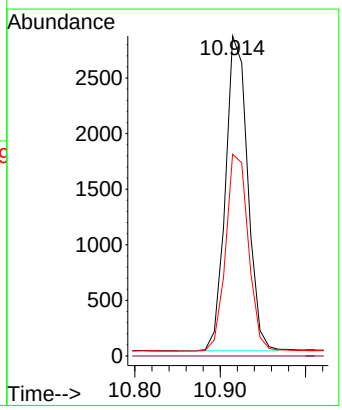


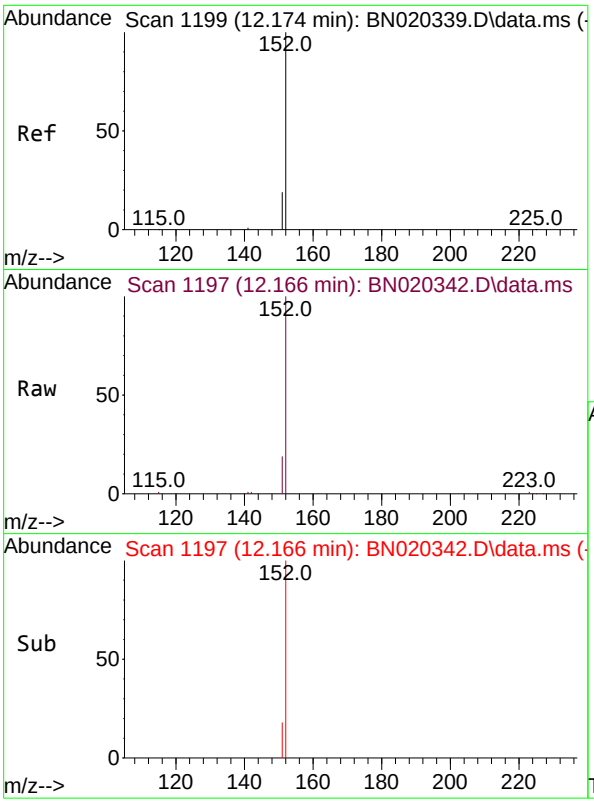


#10
Hexachlorobutadiene
Concen: 2.781 ng
RT: 10.914 min Scan# 968
Delta R.T. -0.011 min
Lab File: BN020342.D
Acq: 22 Jun 2022 14:23

Tgt Ion:225 Resp: 5106

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.8	50.9	76.3



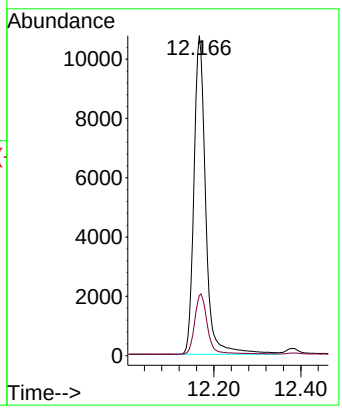


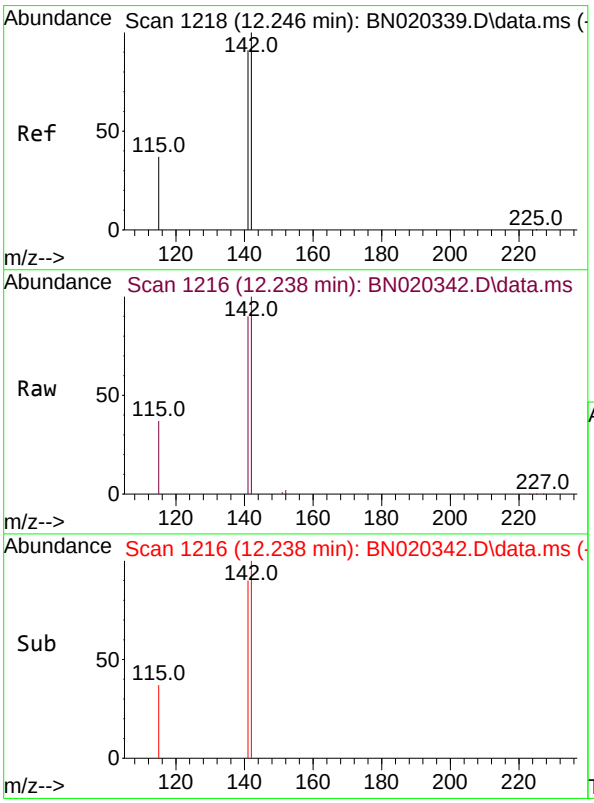
#11
2-Methylnaphthalene-d10
Concen: 3.288 ng
RT: 12.166 min Scan# 11
Delta R.T. -0.008 min
Lab File: BN020342.D
Acq: 22 Jun 2022 14:23

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 20154

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.4

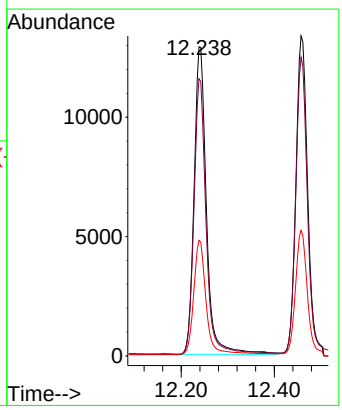


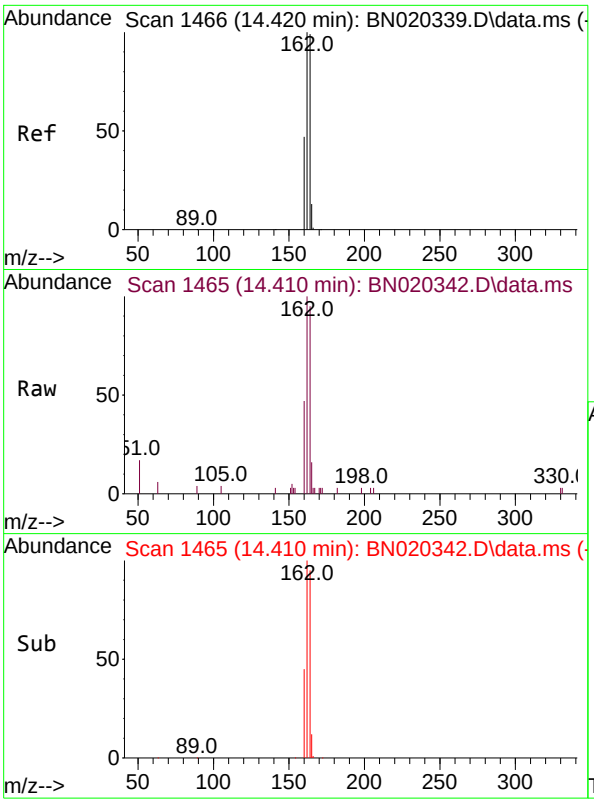


#12
2-Methylnaphthalene
Concen: 3.318 ng
RT: 12.238 min Scan# 1216
Delta R.T. -0.008 min
Lab File: BN020342.D
Acq: 22 Jun 2022 14:23

Tgt Ion:142 Resp: 23736

Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.6	107.4
115	37.4	29.8	44.8



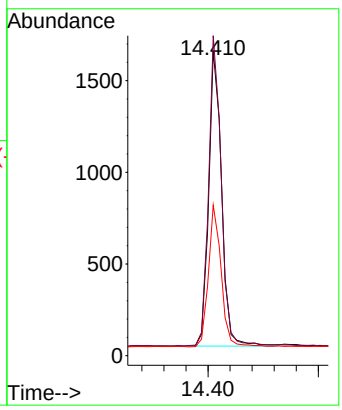


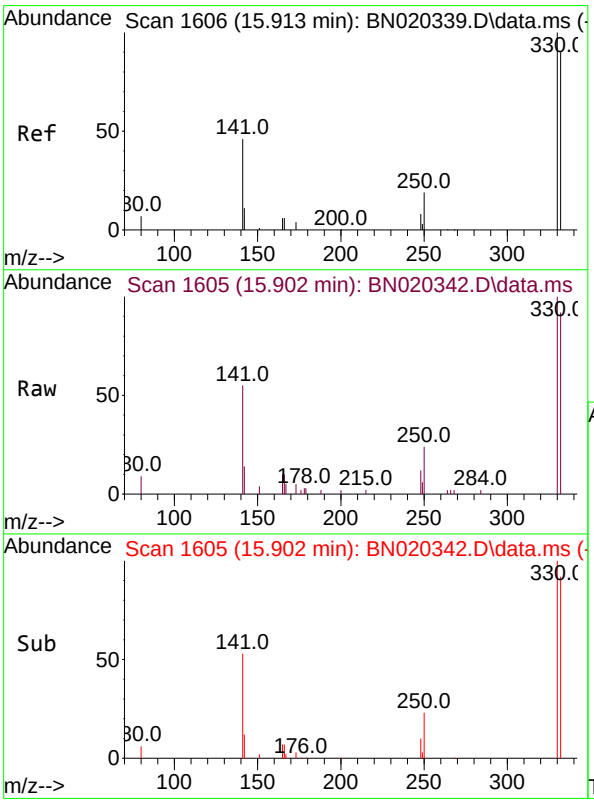
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.410 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN020342.D
Acq: 22 Jun 2022 14:23

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:164 Resp: 2611

Ion	Ratio	Lower	Upper
164	100		
162	105.1	82.1	123.1
160	49.4	38.6	58.0

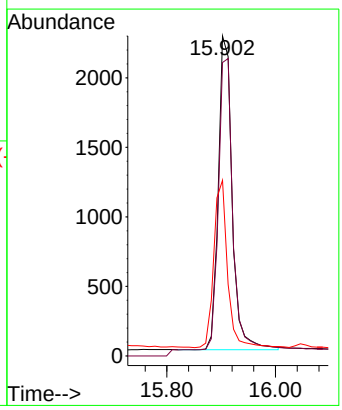


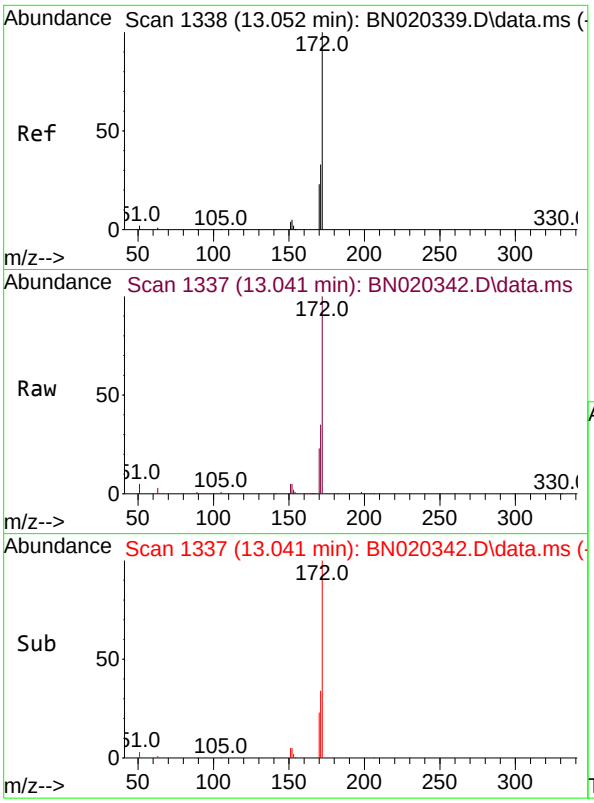


#14
2,4,6-Tribromophenol
Concen: 4.033 ng
RT: 15.902 min Scan# 1605
Delta R.T. -0.010 min
Lab File: BN020342.D
Acq: 22 Jun 2022 14:23

Tgt Ion:330 Resp: 4007

Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.6	116.4
141	52.4	41.0	61.4



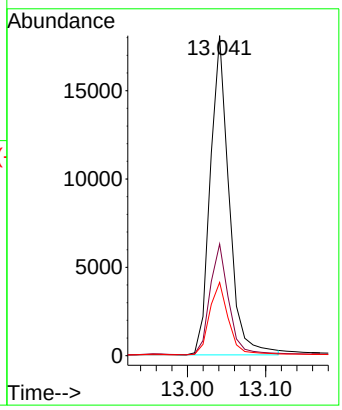


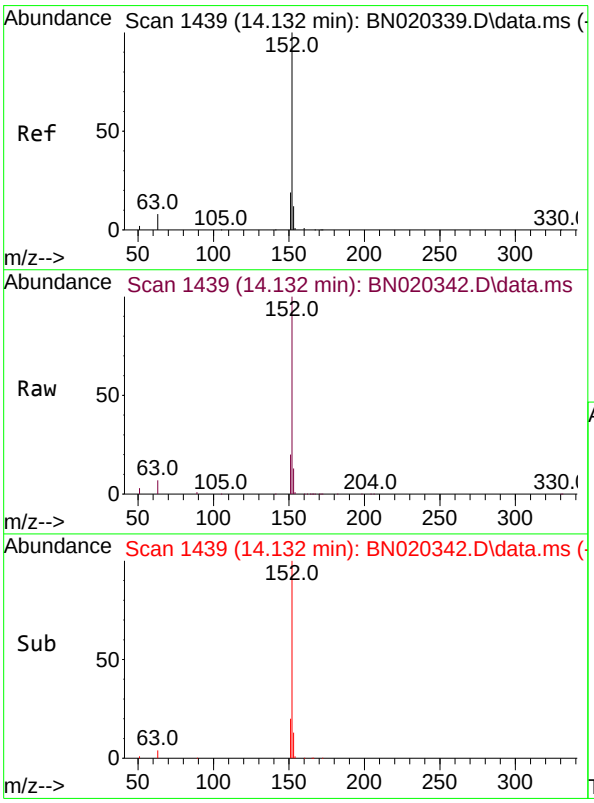
#15
2-Fluorobiphenyl
Concen: 2.866 ng
RT: 13.041 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN020342.D
Acq: 22 Jun 2022 14:23

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:172 Resp: 30175

Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.2	40.8
170	22.9	18.2	27.4

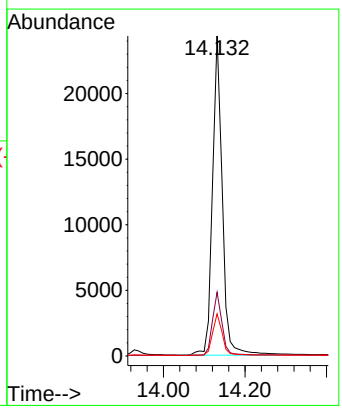


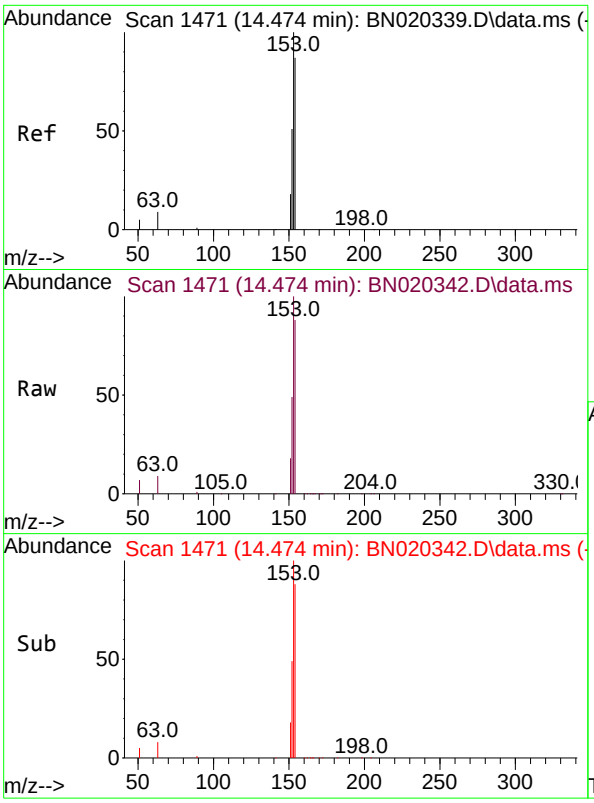


#16
Acenaphthylene
Concen: 3.292 ng
RT: 14.132 min Scan# 1439
Delta R.T. -0.000 min
Lab File: BN020342.D
Acq: 22 Jun 2022 14:23

Tgt Ion:152 Resp: 40563

Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.2	24.4
153	13.0	10.7	16.1



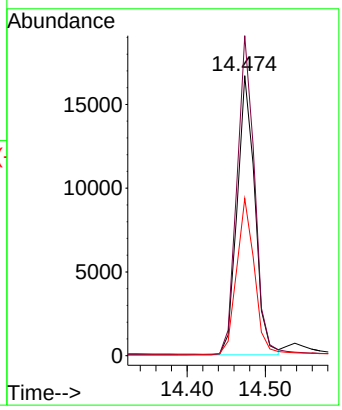


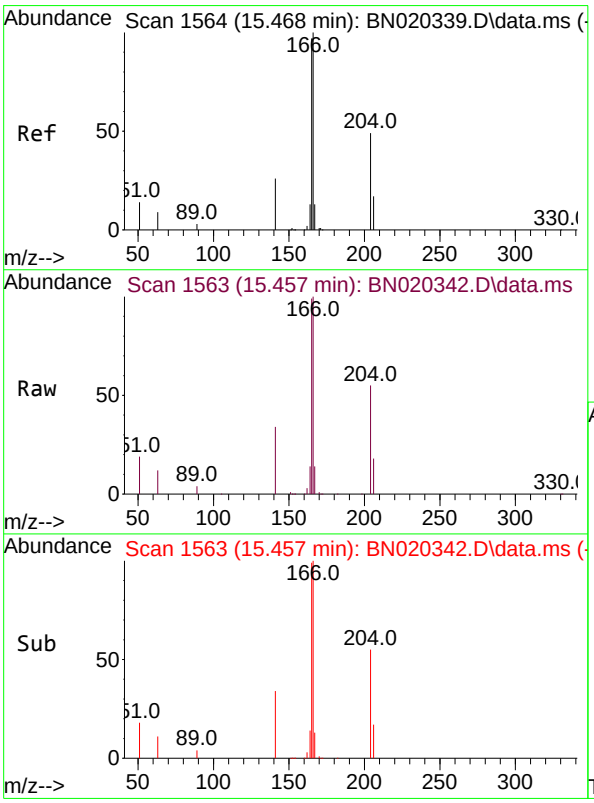
#17
Acenaphthene
Concen: 3.039 ng
RT: 14.474 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN020342.D
Acq: 22 Jun 2022 14:23

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:154 Resp: 26292

Ion	Ratio	Lower	Upper
154	100		
153	115.9	87.5	131.3
152	56.4	43.8	65.6

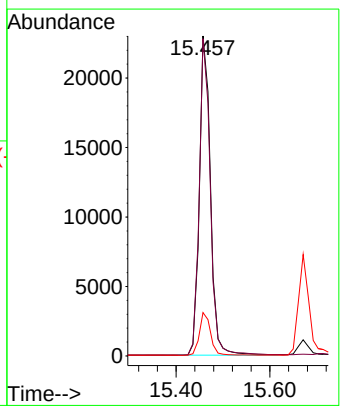


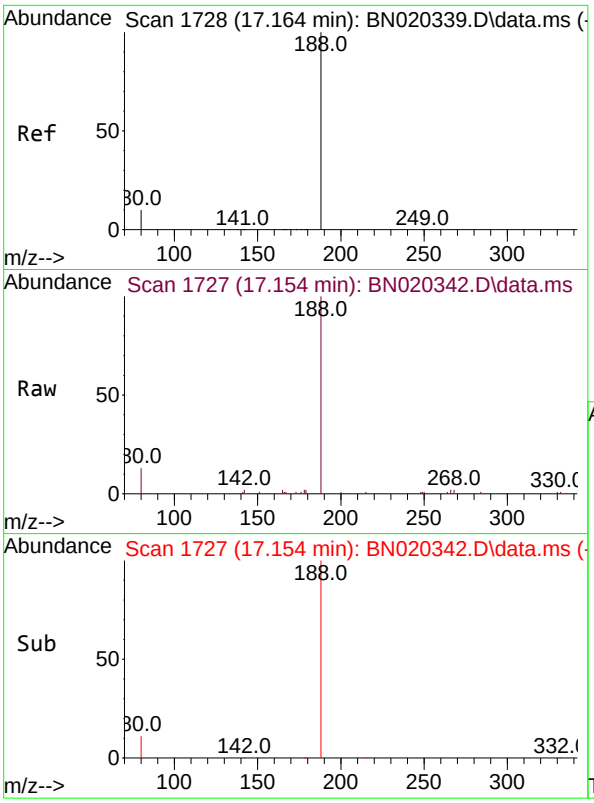


#18
Fluorene
Concen: 3.252 ng
RT: 15.457 min Scan# 1563
Delta R.T. -0.011 min
Lab File: BN020342.D
Acq: 22 Jun 2022 14:23

Tgt Ion:166 Resp: 37757

Ion	Ratio	Lower	Upper
166	100		
165	98.4	78.6	118.0
167	13.5	10.8	16.2



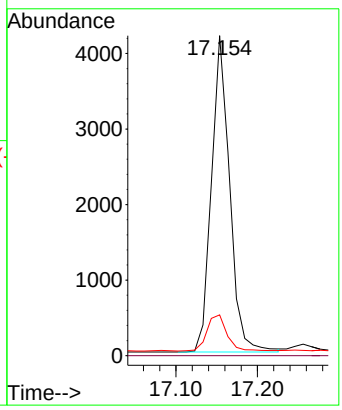


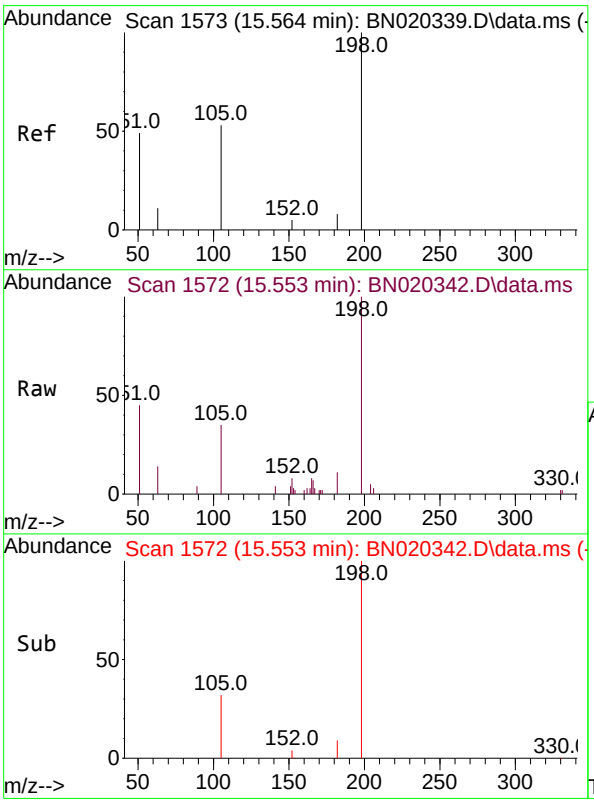
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.154 min Scan# 1
Delta R.T. -0.010 min
Lab File: BN020342.D
Acq: 22 Jun 2022 14:23

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:188 Resp: 6502

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.7	7.4	11.2#

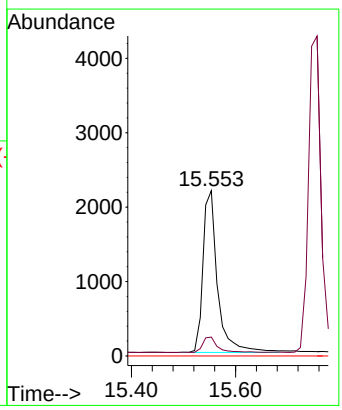


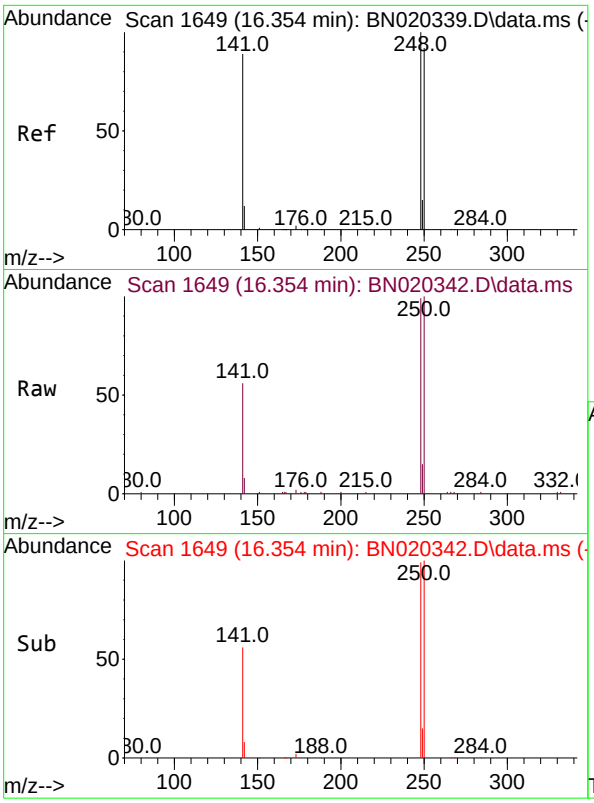


#20
4,6-Dinitro-2-methylphenol
Concen: 7.227 ng
RT: 15.553 min Scan# 1572
Delta R.T. -0.011 min
Lab File: BN020342.D
Acq: 22 Jun 2022 14:23

Tgt Ion:198 Resp: 4229

Ion	Ratio	Lower	Upper
198	100		
182	11.4	12.1	18.1#
77	0.0	0.0	0.0



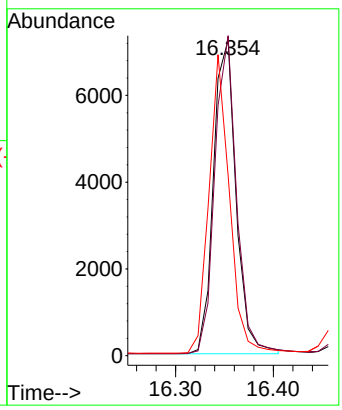


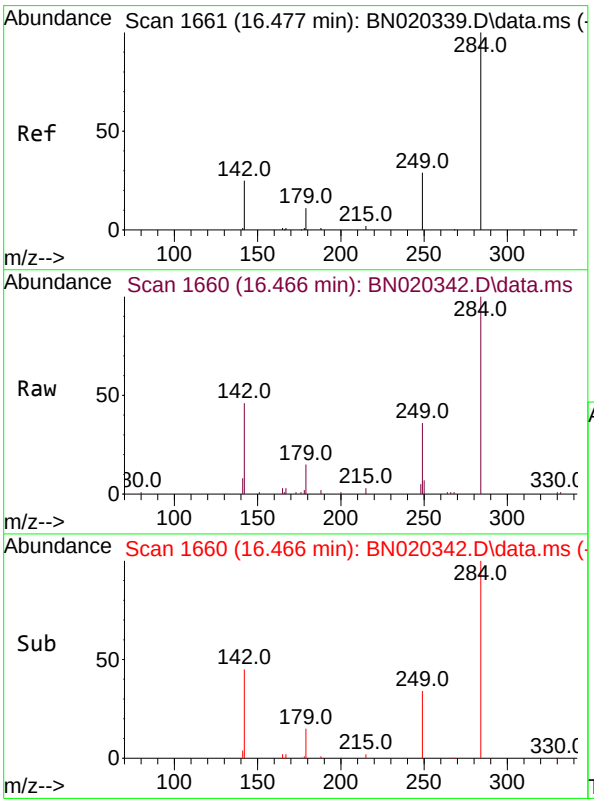
#21
4-Bromophenyl-phenylether
Concen: 3.046 ng
RT: 16.354 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN020342.D
Acq: 22 Jun 2022 14:23

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:248 Resp: 11614

Ion	Ratio	Lower	Upper
248	100		
250	101.3	75.3	112.9
141	57.0	67.3	100.9#

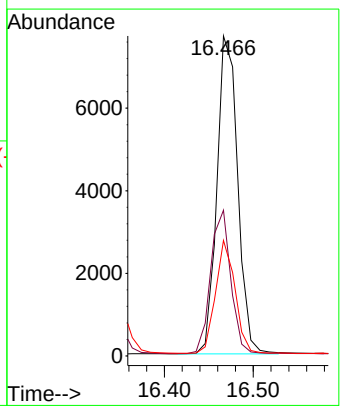


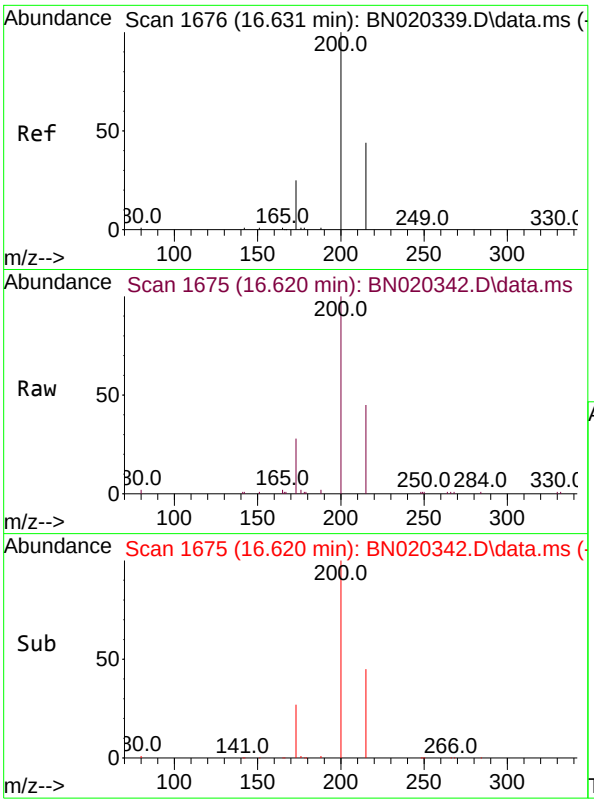


#22
Hexachlorobenzene
Concen: 2.980 ng
RT: 16.466 min Scan# 1660
Delta R.T. -0.010 min
Lab File: BN020342.D
Acq: 22 Jun 2022 14:23

Tgt Ion:284 Resp: 12487

Ion	Ratio	Lower	Upper
284	100		
142	43.6	35.2	52.8
249	33.1	26.6	40.0



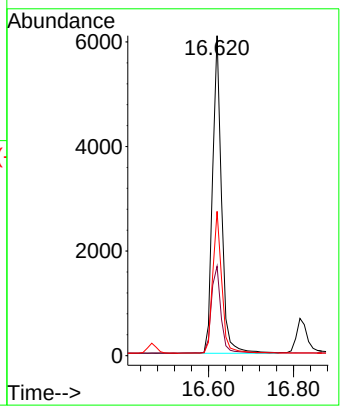


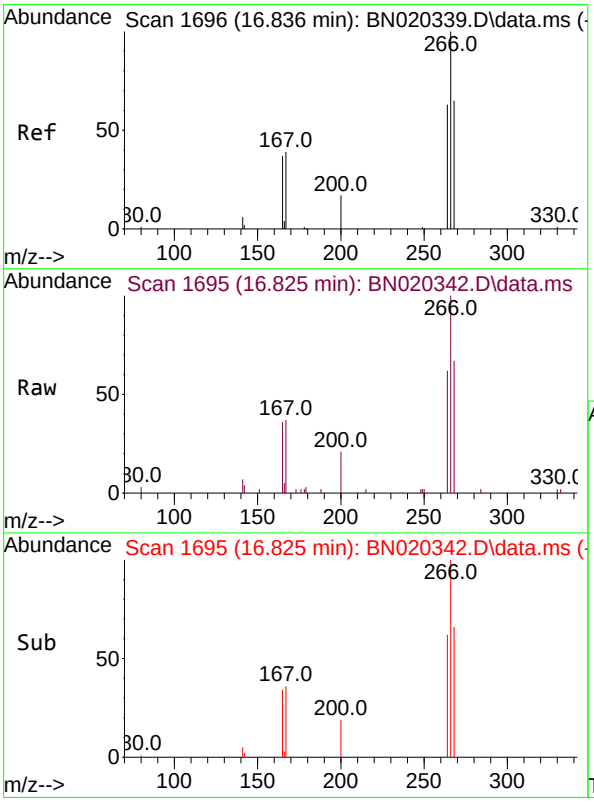
#23
Atrazine
Concen: 3.197 ng
RT: 16.620 min Scan# 1
Delta R.T. -0.010 min
Lab File: BN020342.D
Acq: 22 Jun 2022 14:23

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:200 Resp: 8894

Ion	Ratio	Lower	Upper
200	100		
173	27.9	23.6	35.4
215	45.1	36.6	54.8

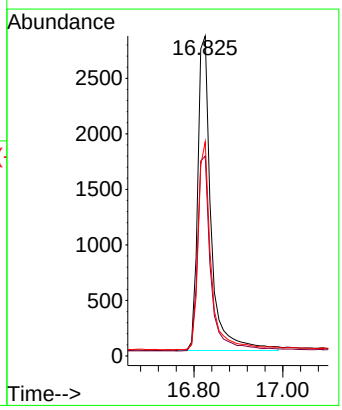


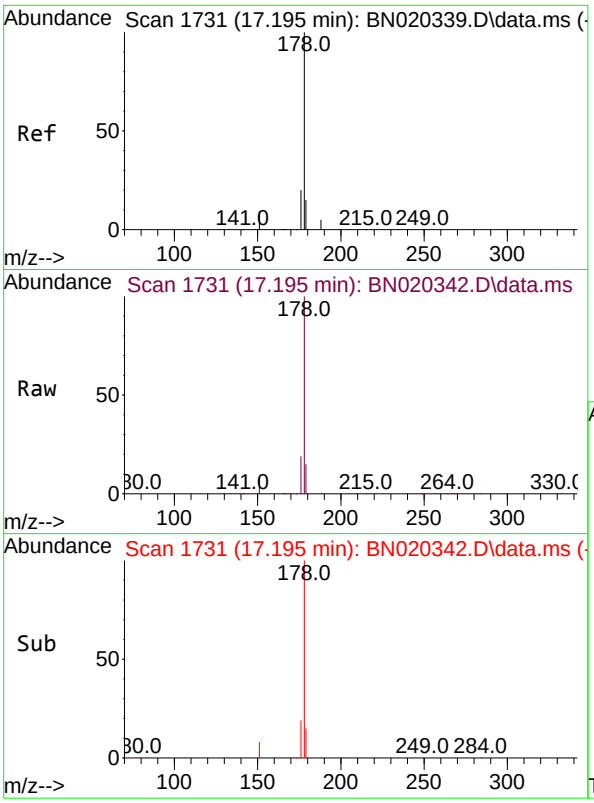


#24
Pentachlorophenol
Concen: 3.916 ng
RT: 16.825 min Scan# 1695
Delta R.T. -0.010 min
Lab File: BN020342.D
Acq: 22 Jun 2022 14:23

Tgt Ion:266 Resp: 5877

Ion	Ratio	Lower	Upper
266	100		
264	62.5	51.3	76.9
268	63.2	52.6	79.0



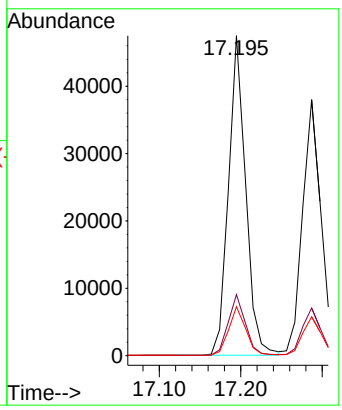


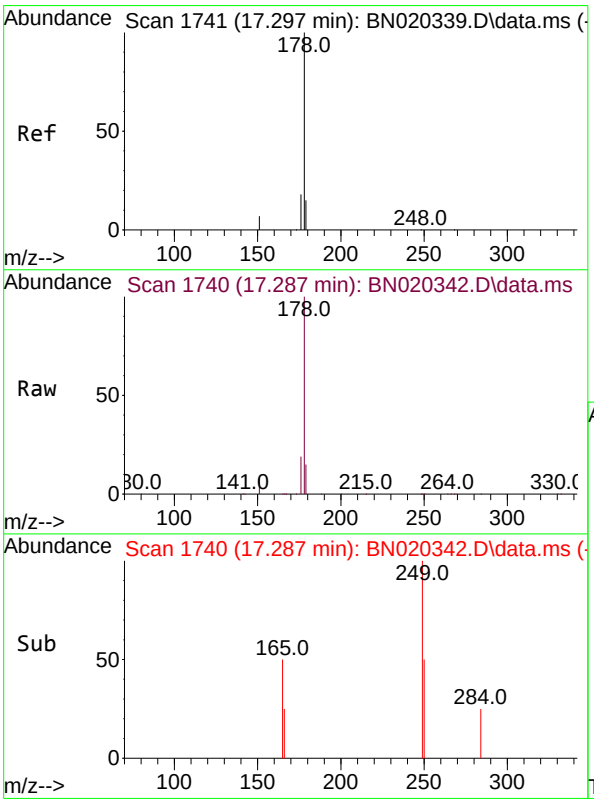
#25
Phenanthrene
Concen: 3.130 ng
RT: 17.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN020342.D
Acq: 22 Jun 2022 14:23

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:178 Resp: 69695

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.2	12.2	18.4

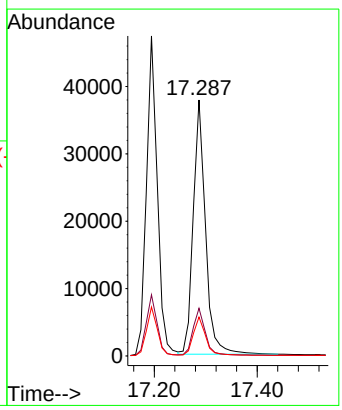


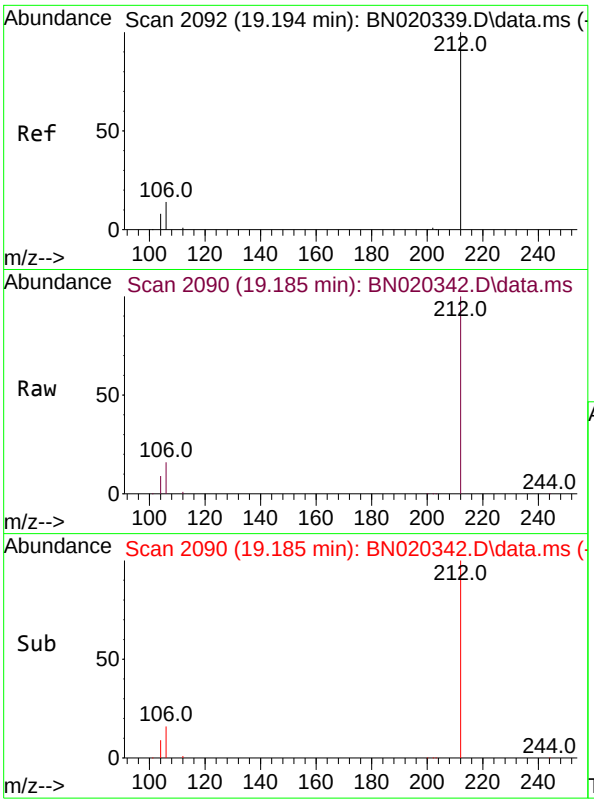


#26
Anthracene
Concen: 3.298 ng
RT: 17.287 min Scan# 1740
Delta R.T. -0.010 min
Lab File: BN020342.D
Acq: 22 Jun 2022 14:23

Tgt Ion:178 Resp: 62597

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.9	22.3
179	15.1	12.2	18.4



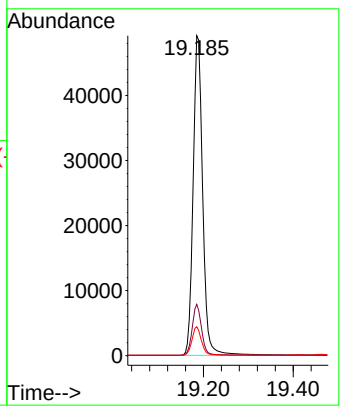


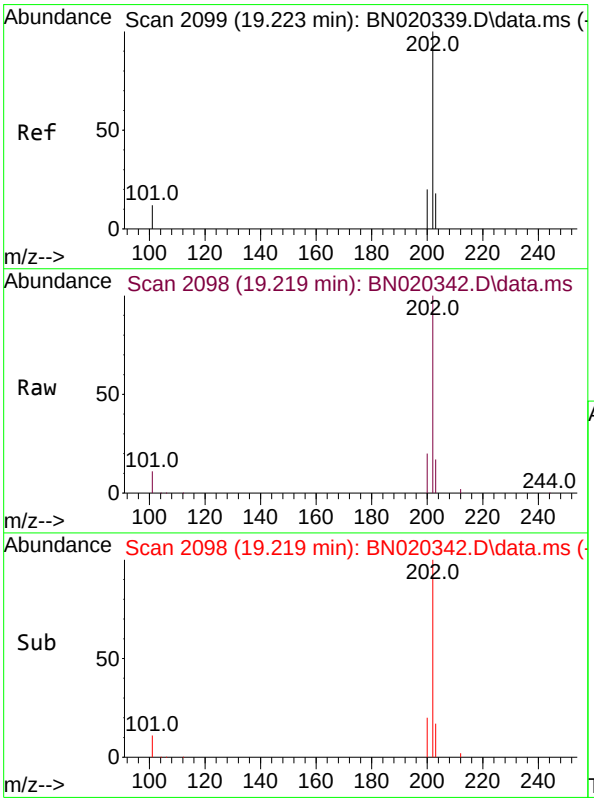
#27
Fluoranthene-d10
Concen: 3.604 ng
RT: 19.185 min Scan# 2
Delta R.T. -0.008 min
Lab File: BN020342.D
Acq: 22 Jun 2022 14:23

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:212 Resp: 72789

Ion	Ratio	Lower	Upper
212	100		
106	15.6	12.6	19.0
104	8.8	7.2	10.8

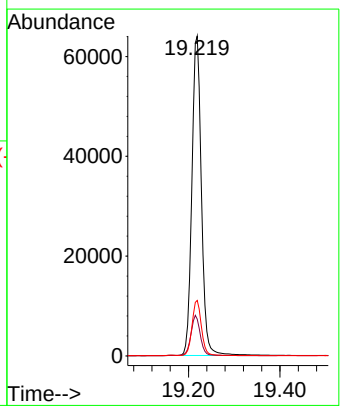


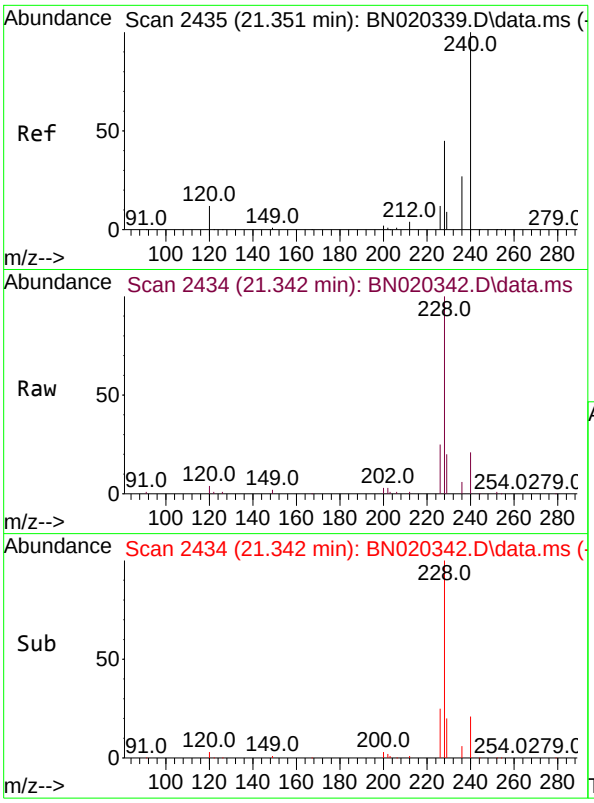


#28
Fluoranthene
Concen: 3.706 ng
RT: 19.219 min Scan# 2098
Delta R.T. -0.004 min
Lab File: BN020342.D
Acq: 22 Jun 2022 14:23

Tgt Ion:202 Resp: 92720

Ion	Ratio	Lower	Upper
202	100		
101	12.5	9.6	14.4
203	17.2	13.5	20.3



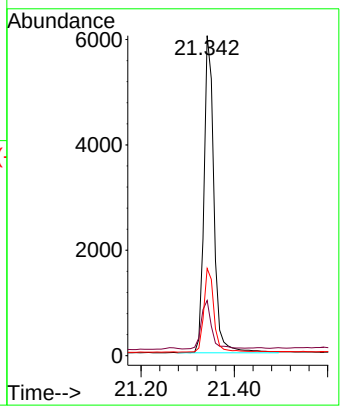


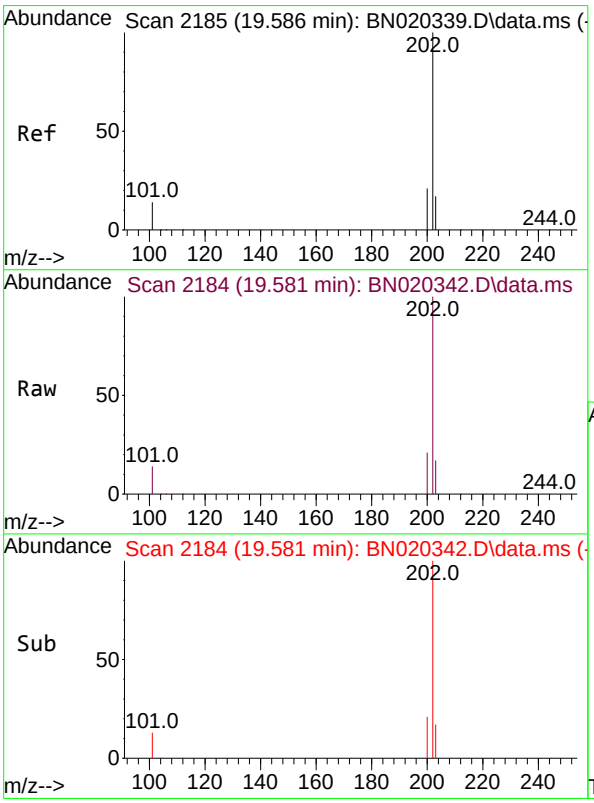
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.342 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN020342.D
Acq: 22 Jun 2022 14:23

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:240 Resp: 8951

Ion	Ratio	Lower	Upper
240	100		
120	17.2	14.6	21.8
236	27.3	22.6	33.8

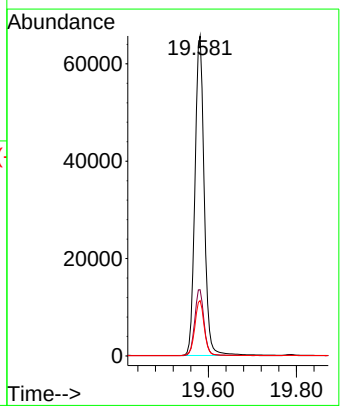


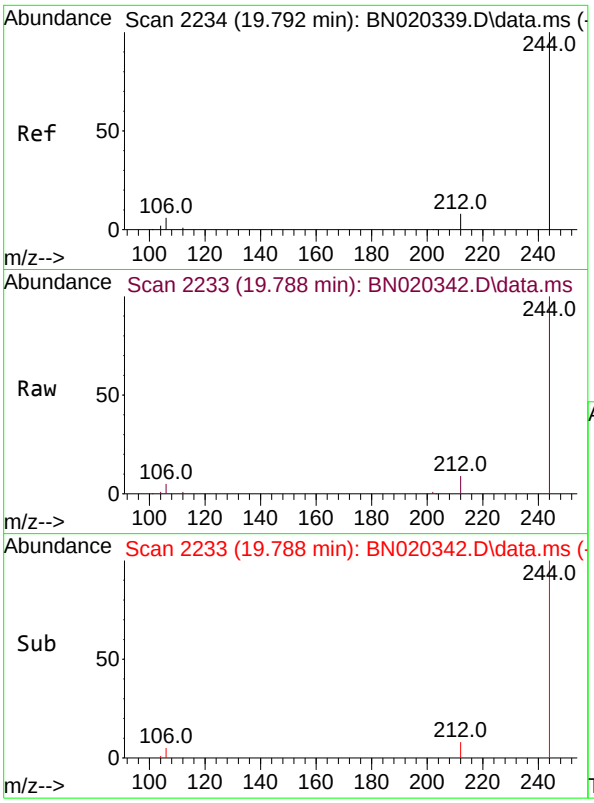


#30
Pyrene
Concen: 2.488 ng
RT: 19.581 min Scan# 2184
Delta R.T. -0.004 min
Lab File: BN020342.D
Acq: 22 Jun 2022 14:23

Tgt Ion:202 Resp: 96193

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	25.0
203	17.7	14.2	21.2



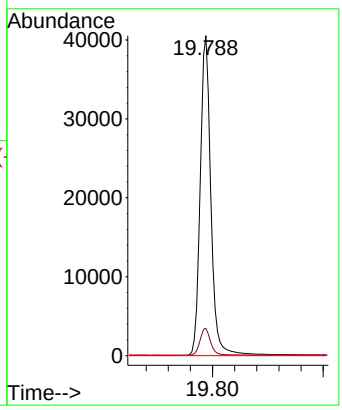


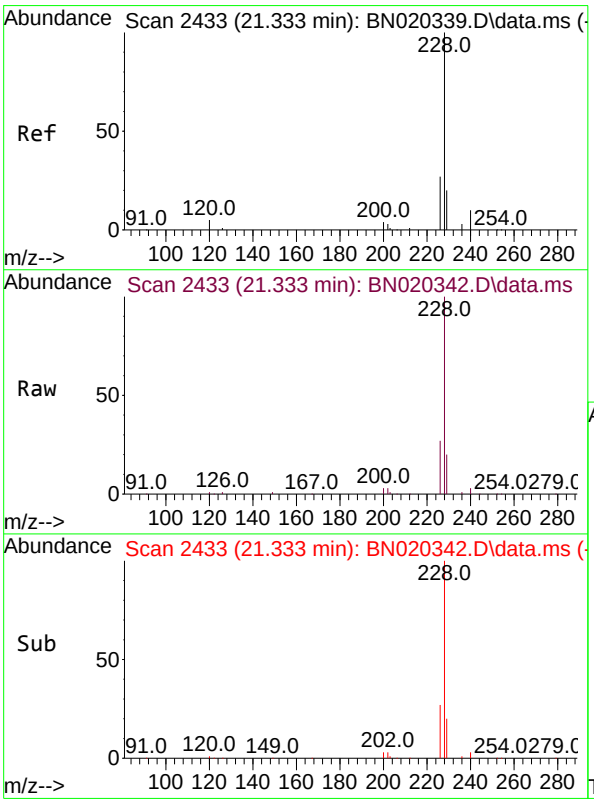
#31
Terphenyl-d14
Concen: 2.483 ng
RT: 19.788 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN020342.D
Acq: 22 Jun 2022 14:23

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:244 Resp: 53952

Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.1	10.7
122	0.0	0.0	0.0

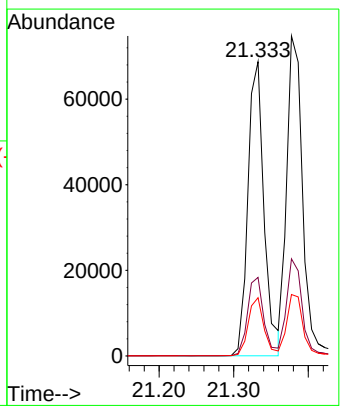


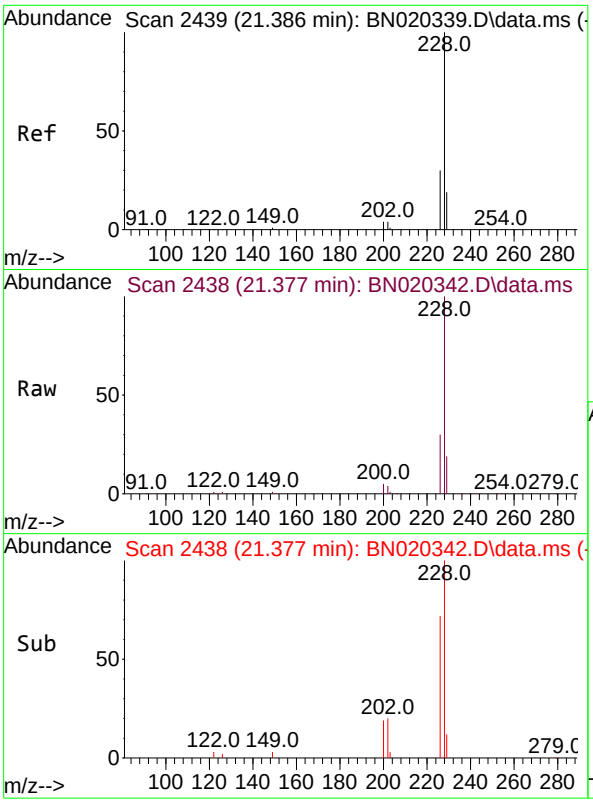


#32
Benzo(a)anthracene
Concen: 3.086 ng
RT: 21.333 min Scan# 2433
Delta R.T. -0.000 min
Lab File: BN020342.D
Acq: 22 Jun 2022 14:23

Tgt Ion:228 Resp: 103109

Ion	Ratio	Lower	Upper
228	100		
226	26.7	21.2	31.8
229	19.8	15.6	23.4



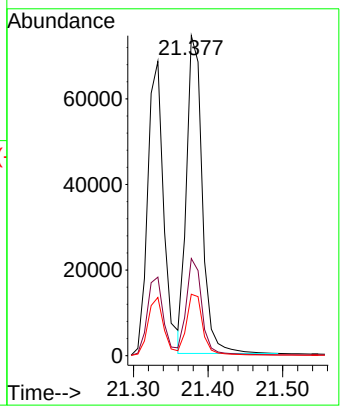


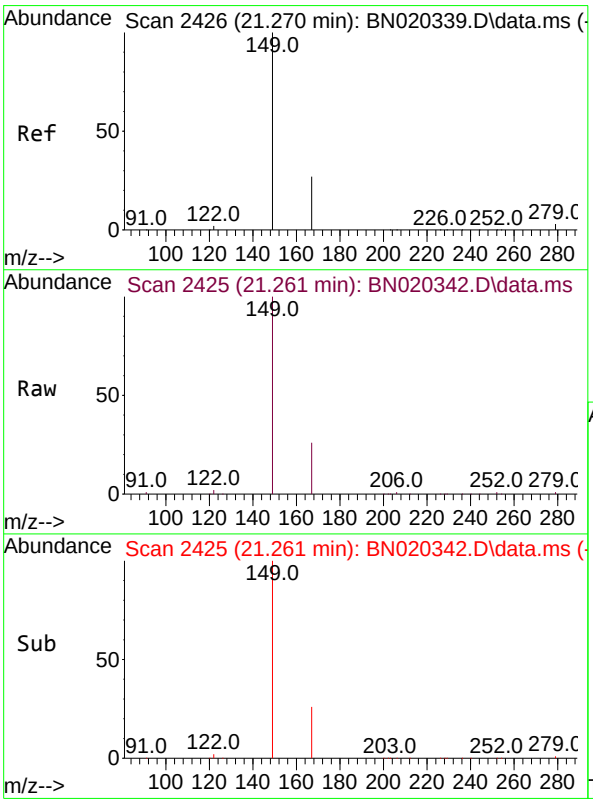
#33
Chrysene
Concen: 3.038 ng
RT: 21.377 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN020342.D
Acq: 22 Jun 2022 14:23

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:228 Resp: 109270

Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.4	35.0
229	19.2	15.7	23.5

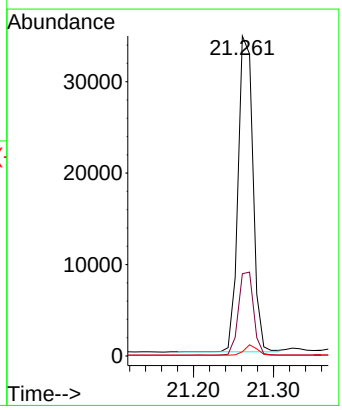


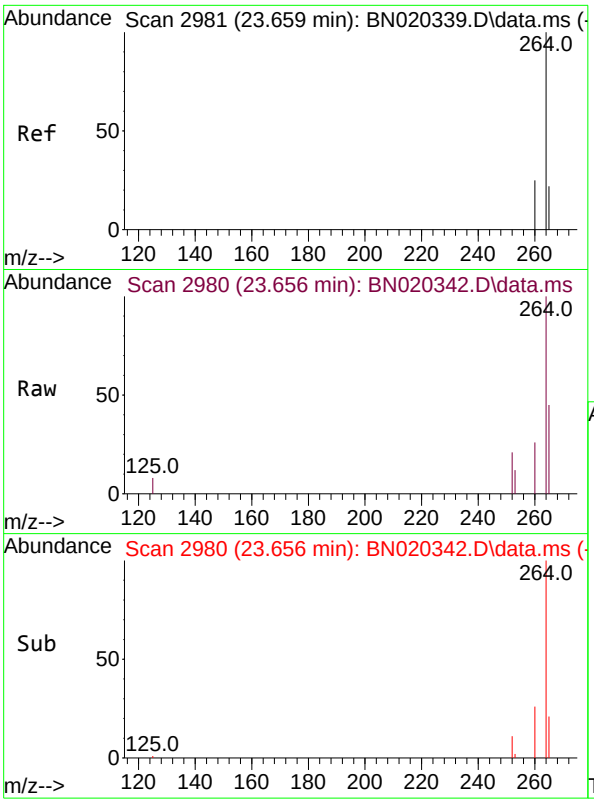


#34
Bis(2-ethylhexyl)phthalate
Concen: 2.250 ng
RT: 21.261 min Scan# 2425
Delta R.T. -0.009 min
Lab File: BN020342.D
Acq: 22 Jun 2022 14:23

Tgt Ion:149 Resp: 44546

Ion	Ratio	Lower	Upper
149	100		
167	26.7	21.7	32.5
279	2.9	2.2	3.2



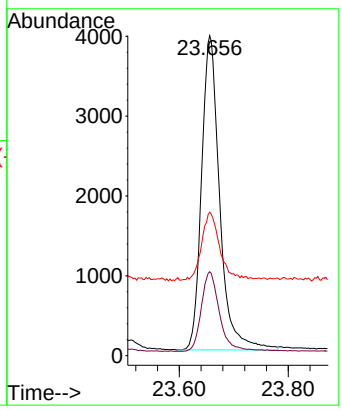


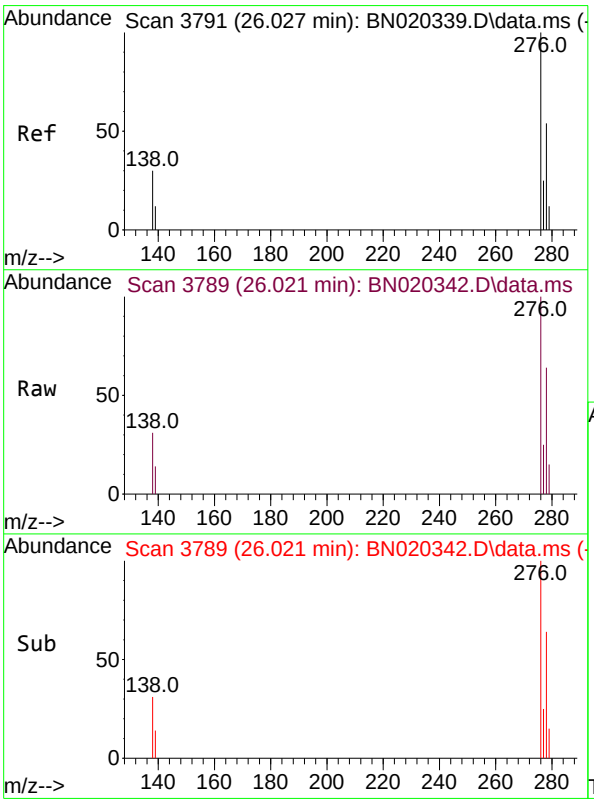
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.656 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN020342.D
Acq: 22 Jun 2022 14:23

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:264 Resp: 9090

Ion	Ratio	Lower	Upper
264	100		
260	26.2	20.9	31.3
265	44.8	28.0	42.0#

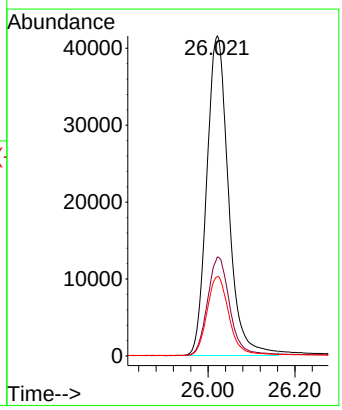


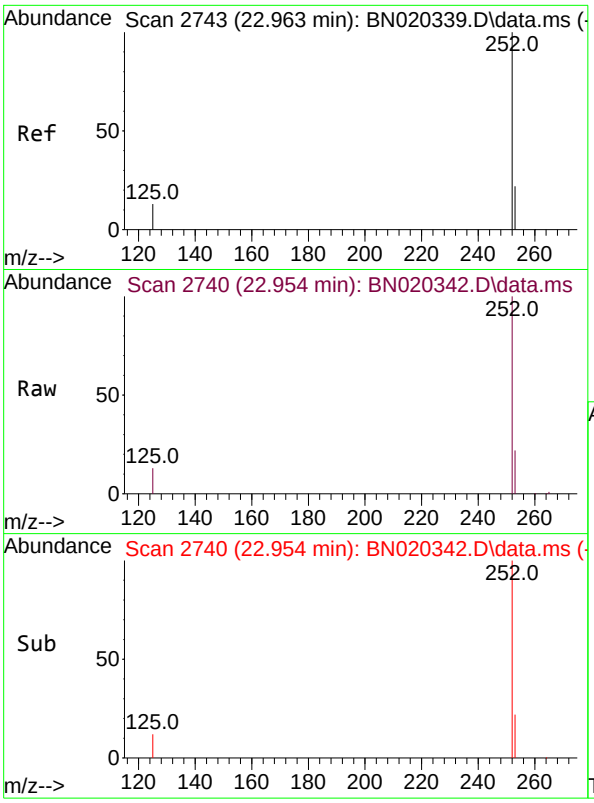


#36
Indeno(1,2,3-cd)pyrene
Concen: 3.777 ng
RT: 26.021 min Scan# 3789
Delta R.T. -0.006 min
Lab File: BN020342.D
Acq: 22 Jun 2022 14:23

Tgt Ion:276 Resp: 144561

Ion	Ratio	Lower	Upper
276	100		
138	31.5	25.9	38.9
277	25.0	19.8	29.8



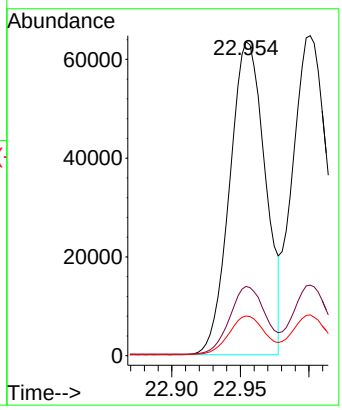


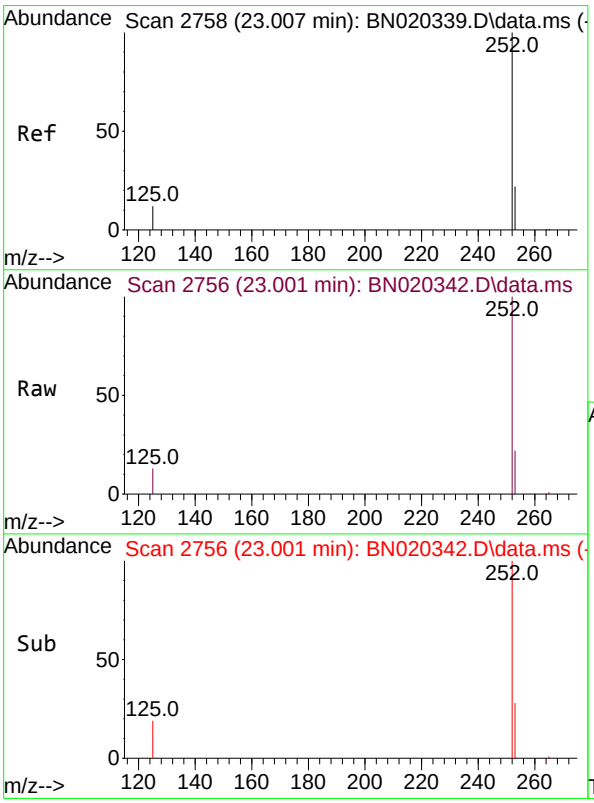
#37
Benzo(b)fluoranthene
Concen: 3.091 ng
RT: 22.954 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN020342.D
Acq: 22 Jun 2022 14:23

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:252 Resp: 114435

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.5	27.7
125	12.7	11.4	17.0

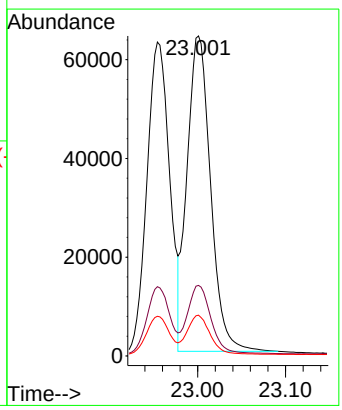


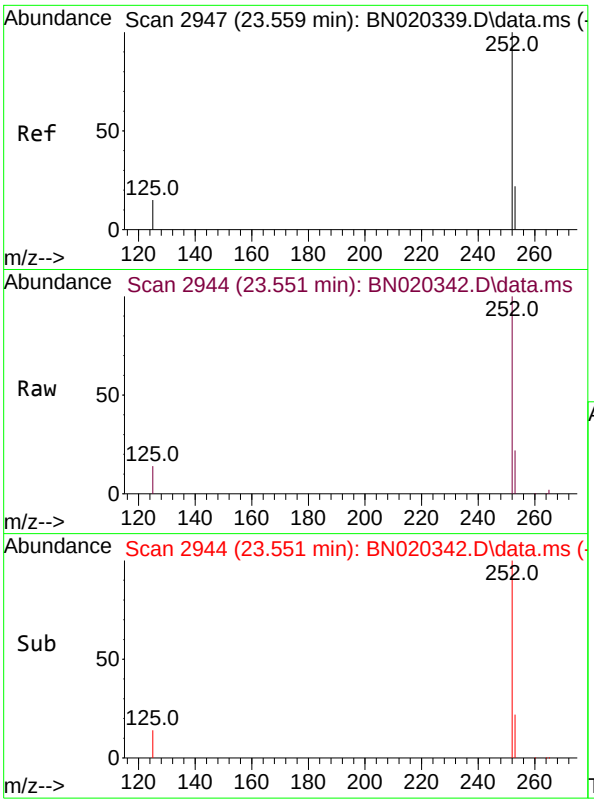


#38
Benzo(k)fluoranthene
Concen: 3.165 ng
RT: 23.001 min Scan# 2756
Delta R.T. -0.006 min
Lab File: BN020342.D
Acq: 22 Jun 2022 14:23

Tgt Ion:252 Resp: 118779

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.0	27.0
125	12.7	11.0	16.4



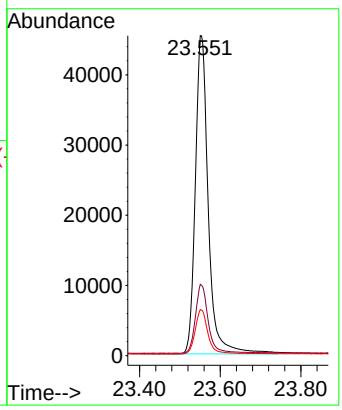


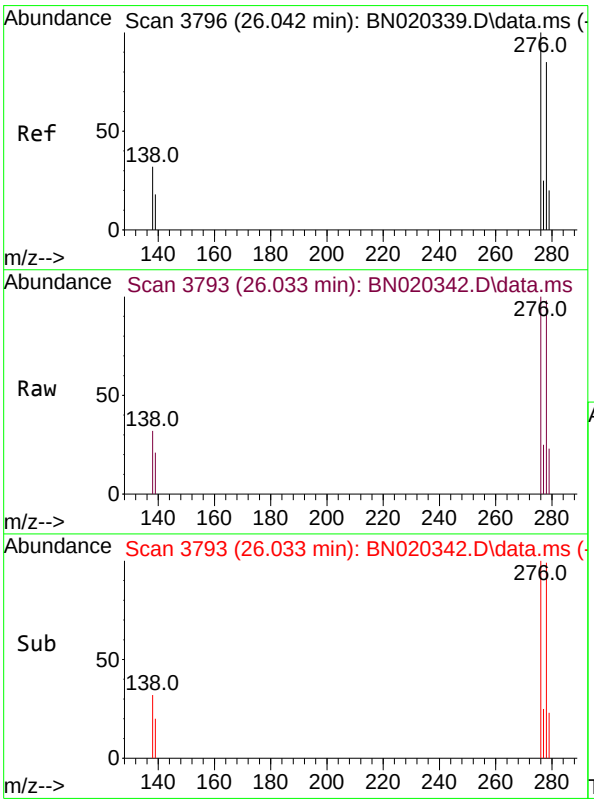
#39
Benzo(a)pyrene
Concen: 3.255 ng
RT: 23.551 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN020342.D
Acq: 22 Jun 2022 14:23

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:252 Resp: 101055

Ion	Ratio	Lower	Upper
252	100		
253	22.3	19.0	28.4
125	14.4	13.8	20.8

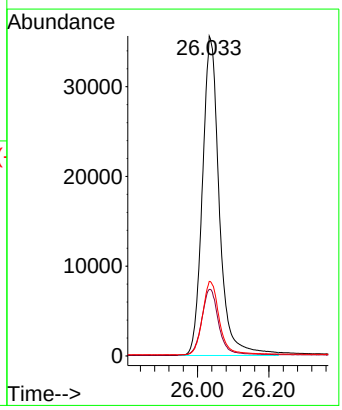


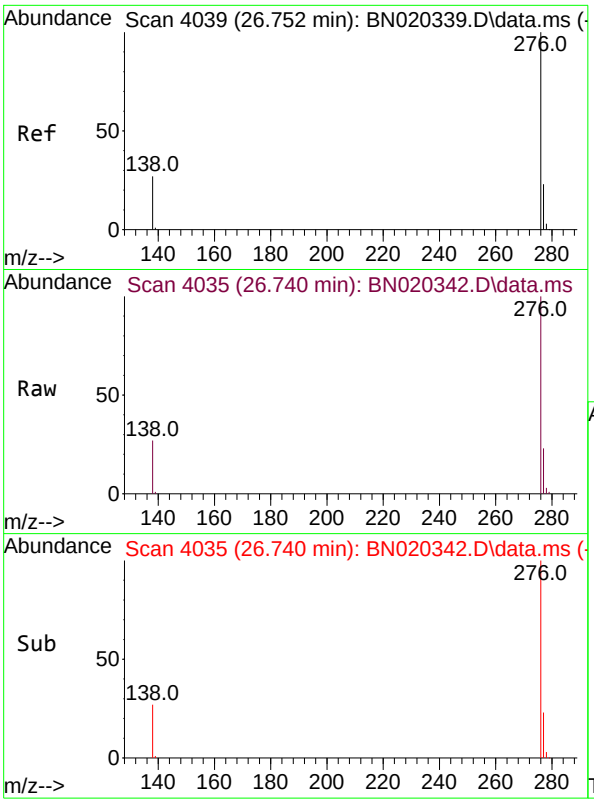


#40
Dibenzo(a,h)anthracene
Concen: 3.801 ng
RT: 26.033 min Scan# 3793
Delta R.T. -0.009 min
Lab File: BN020342.D
Acq: 22 Jun 2022 14:23

Tgt Ion:278 Resp: 116732

Ion	Ratio	Lower	Upper
278	100		
139	20.8	18.6	28.0
279	23.3	19.7	29.5





#41
Benzo(g,h,i)perylene
Concen: 3.708 ng
RT: 26.740 min Scan# 4
Delta R.T. -0.012 min
Lab File: BN020342.D
Acq: 22 Jun 2022 14:23

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:276 Resp: 124656

Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.5	29.3
138	27.3	22.6	34.0