Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN113021\
Data File : BN017614.D
Acq On : 30 Nov 2021 15:47
Operator : CG/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Quant Time: Nov 30 16:29:25 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN113021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 30 16:26:30 2021
Response via : Initial Calibration

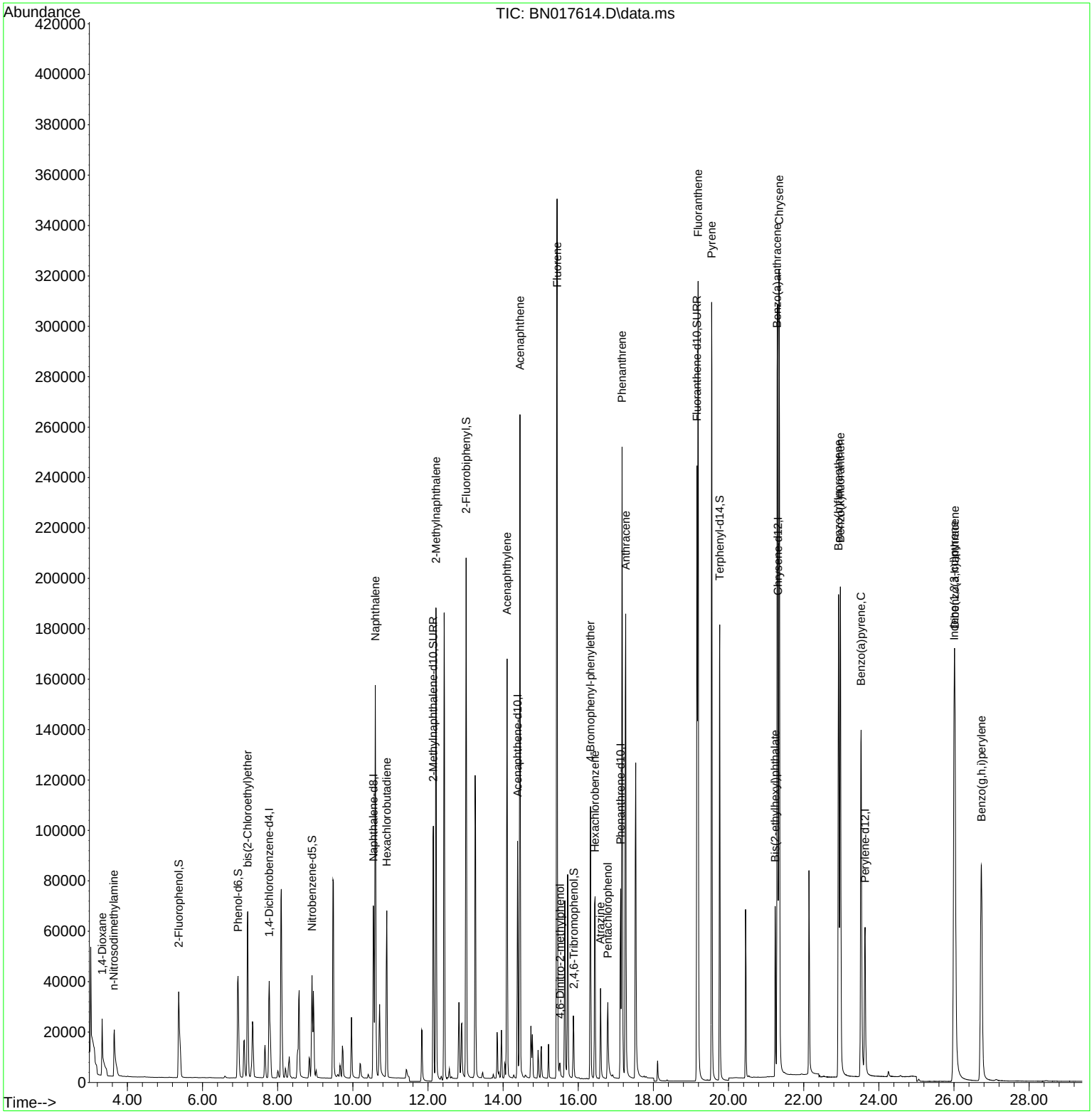
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.773	152	23055	0.400	ng		0.00
7) Naphthalene-d8	10.547	136	92207	0.400	ng	#	0.00
13) Acenaphthene-d10	14.384	164	53207	0.400	ng		0.00
19) Phenanthrene-d10	17.128	188	104490	0.400	ng		0.00
29) Chrysene-d12	21.314	240	103484	0.400	ng	#	0.00
35) Perylene-d12	23.633	264	85483	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.366	112	46066	0.806	ng		0.00
5) Phenol-d6	6.943	99	48890	0.758	ng		0.00
8) Nitrobenzene-d5	8.912	82	35414	0.583	ng		0.00
11) 2-Methylnaphthalene-d10	12.142	152	143668	0.935	ng		0.00
14) 2,4,6-Tribromophenol	15.881	330	22348	1.367	ng		0.00
15) 2-Fluorobiphenyl	13.014	172	184183	0.930	ng		0.00
27) Fluoranthene-d10	19.159	212	293811	0.914	ng		0.00
31) Terphenyl-d14	19.764	244	199771	0.879	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.328	88	15307	1.384	ng		99
3) n-Nitrosodimethylamine	3.642	42	19111	0.840	ng		99
6) bis(2-Chloroethyl)ether	7.201	93	57334	0.871	ng		97
9) Naphthalene	10.598	128	204611	0.874	ng		100
10) Hexachlorobutadiene	10.902	225	56522	1.225	ng	#	100
12) 2-Methylnaphthalene	12.213	142	138325	0.919	ng		98
16) Acenaphthylene	14.105	152	183304	0.863	ng		100
17) Acenaphthene	14.448	154	127111	0.867	ng		98
18) Fluorene	15.437	166	157385	0.891	ng		100
20) 4,6-Dinitro-2-methylph...	15.513	198	4872	1.001	ng		94
21) 4-Bromophenyl-phenylether	16.325	248	57459	1.001	ng	#	71
22) Hexachlorobenzene	16.447	284	69455	1.120	ng	#	93
23) Atrazine	16.593	200	30758	0.809	ng		97
24) Pentachlorophenol	16.788	266	21286	1.135	ng		100
25) Phenanthrene	17.165	178	257878	0.882	ng		100
26) Anthracene	17.262	178	223187	0.893	ng		100
28) Fluoranthene	19.188	202	300821	0.930	ng		98
30) Pyrene	19.551	202	292652	0.836	ng		100
32) Benzo(a)anthracene	21.292	228	277670	0.862	ng		98
33) Chrysene	21.346	228	299638	0.871	ng		99
34) Bis(2-ethylhexyl)phtha...	21.239	149	67290	0.542	ng		96
36) Indeno(1,2,3-cd)pyrene	26.005	276	247102	0.947	ng		96
37) Benzo(b)fluoranthene	22.928	252	257881	0.829	ng		98
38) Benzo(k)fluoranthene	22.976	252	266313	0.883	ng		98
39) Benzo(a)pyrene	23.527	252	227708	0.887	ng	#	97
40) Dibenzo(a,h)anthracene	26.022	278	202930	0.947	ng		98
41) Benzo(g,h,i)perylene	26.731	276	207312	0.928	ng		96

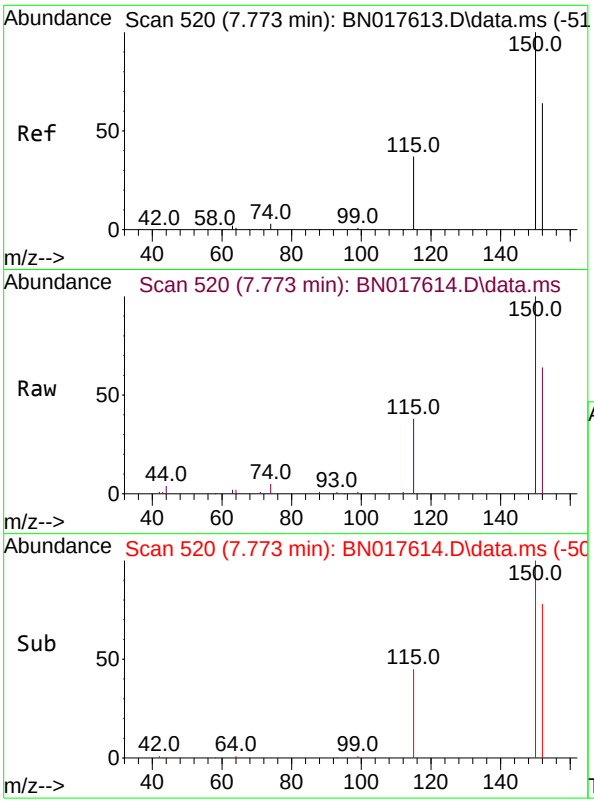
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN113021\
Data File : BN017614.D
Acq On : 30 Nov 2021 15:47
Operator : CG/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Quant Time: Nov 30 16:29:25 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN113021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 30 16:26:30 2021
Response via : Initial Calibration



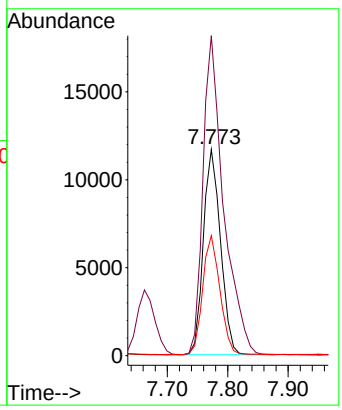


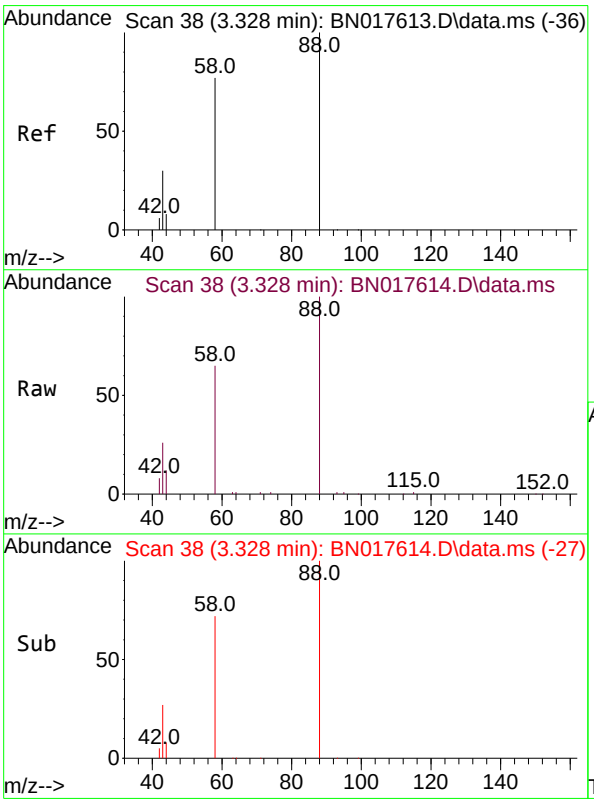
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.773 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN017614.D
Acq: 30 Nov 2021 15:47

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 23055

Ion	Ratio	Lower	Upper
152	100		
150	155.1	123.0	184.4
115	58.2	45.6	68.4

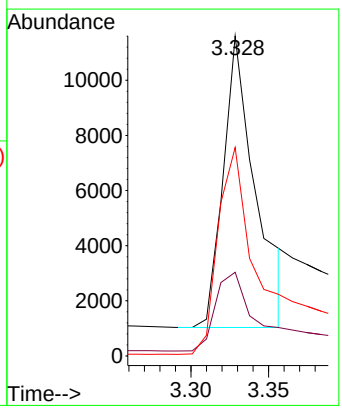


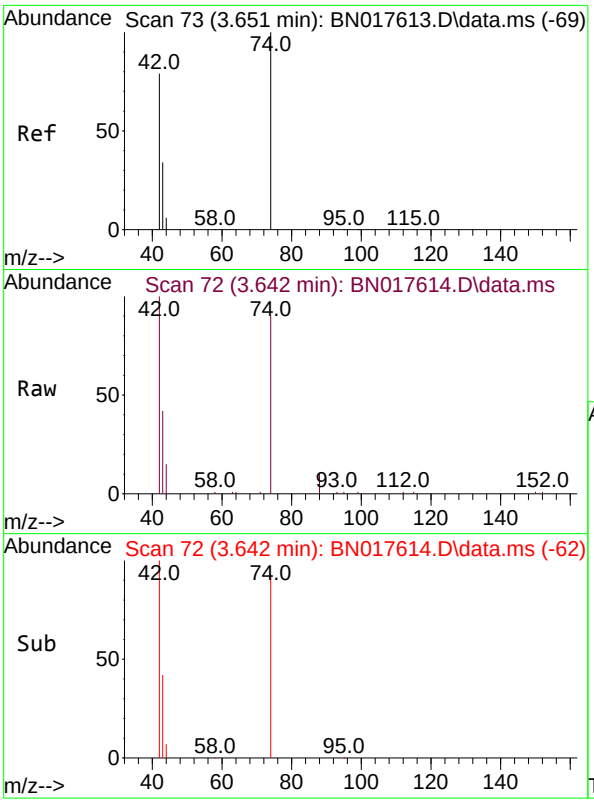


#2
1,4-Dioxane
Concen: 1.384 ng
RT: 3.328 min Scan# 38
Delta R.T. 0.000 min
Lab File: BN017614.D
Acq: 30 Nov 2021 15:47

Tgt Ion: 88 Resp: 15307

Ion	Ratio	Lower	Upper
88	100		
43	31.9	24.7	37.1
58	78.6	63.0	94.6



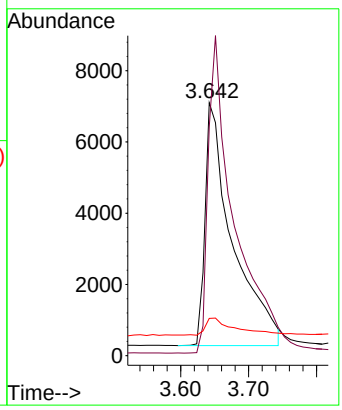


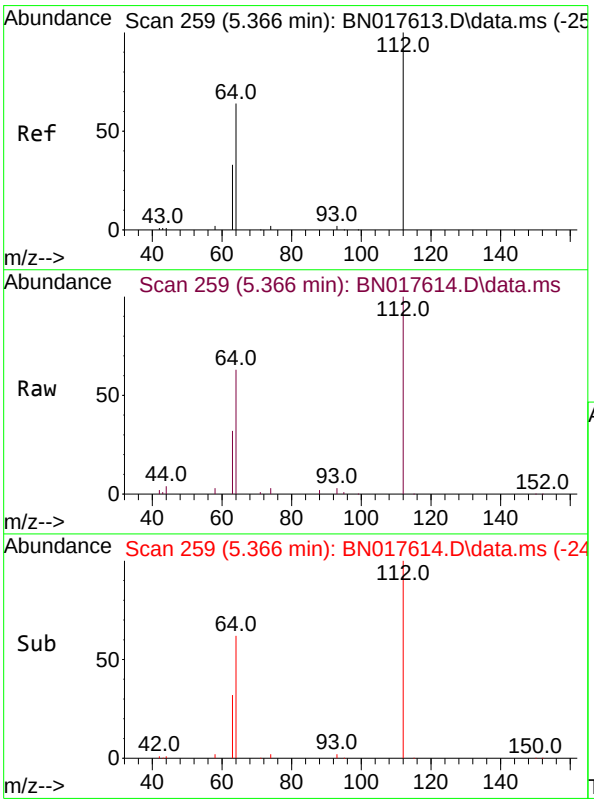
#3
n-Nitrosodimethylamine
Concen: 0.840 ng
RT: 3.642 min Scan# 7
Delta R.T. -0.009 min
Lab File: BN017614.D
Acq: 30 Nov 2021 15:47

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion: 42 Resp: 19111

Ion	Ratio	Lower	Upper
42	100		
74	123.9	97.8	146.6
44	7.4	5.5	8.3

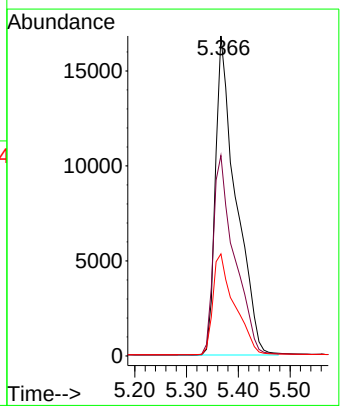


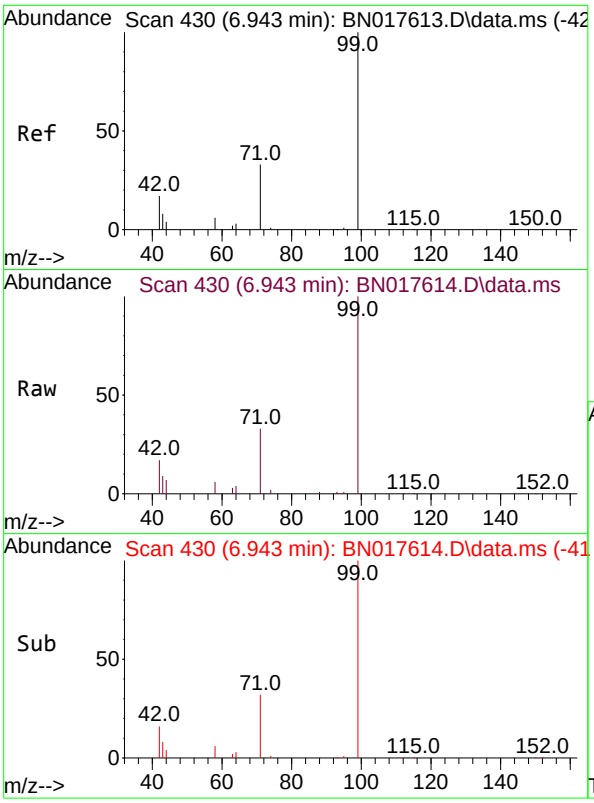


#4
2-Fluorophenol
Concen: 0.806 ng
RT: 5.366 min Scan# 259
Delta R.T. 0.000 min
Lab File: BN017614.D
Acq: 30 Nov 2021 15:47

Tgt Ion:112 Resp: 46066

Ion	Ratio	Lower	Upper
112	100		
64	64.3	47.6	71.4
63	33.2	24.6	37.0



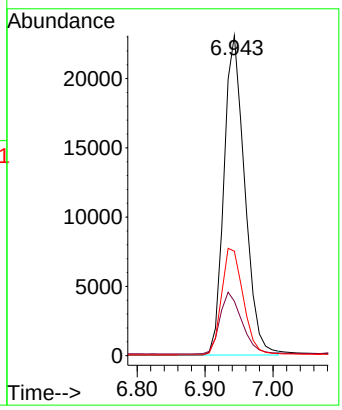


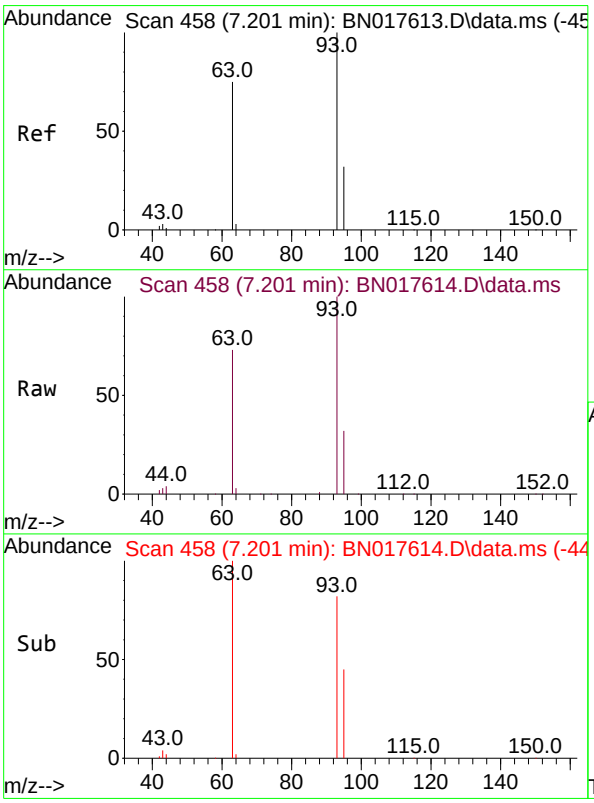
#5
Phenol-d6
Concen: 0.758 ng
RT: 6.943 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN017614.D
Acq: 30 Nov 2021 15:47

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion: 99 Resp: 48890

Ion	Ratio	Lower	Upper
99	100		
42	20.4	17.0	25.6
71	34.9	24.8	37.2

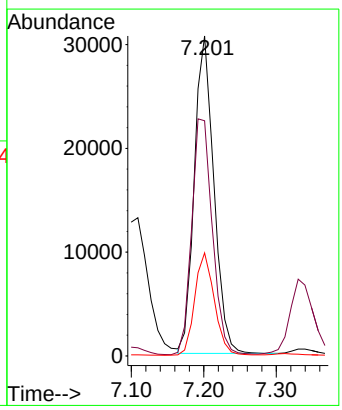


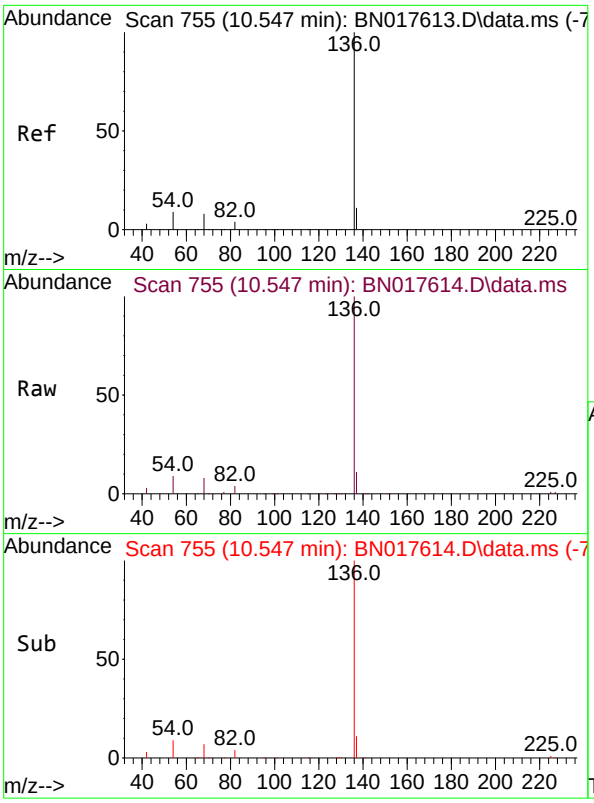


#6
bis(2-Chloroethyl)ether
Concen: 0.871 ng
RT: 7.201 min Scan# 458
Delta R.T. 0.000 min
Lab File: BN017614.D
Acq: 30 Nov 2021 15:47

Tgt Ion: 93 Resp: 57334

Ion	Ratio	Lower	Upper
93	100		
63	78.8	65.8	98.6
95	32.3	26.6	39.8



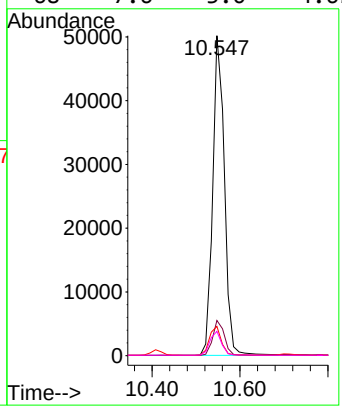


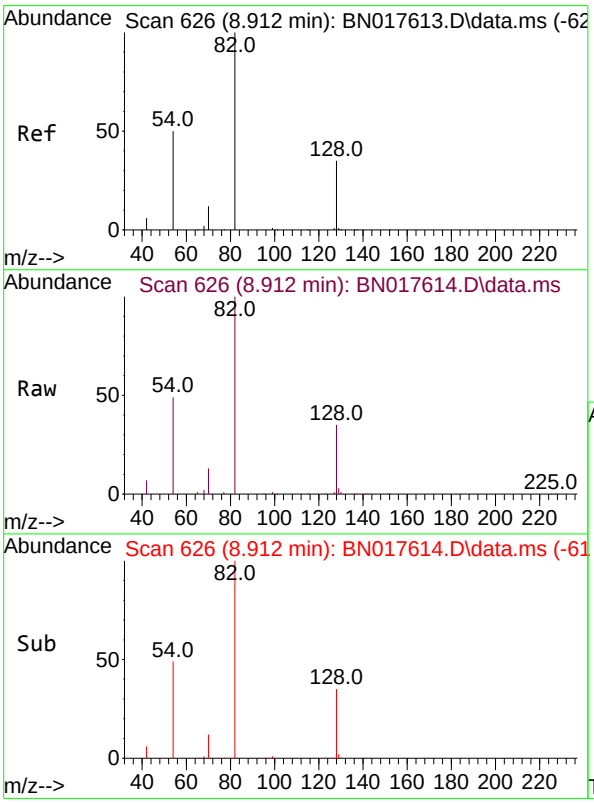
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.547 min Scan# 7
Delta R.T. 0.000 min
Lab File: BN017614.D
Acq: 30 Nov 2021 15:47

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:136 Resp: 92207

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	9.2	4.0	6.0#
68	7.6	3.0	4.6#

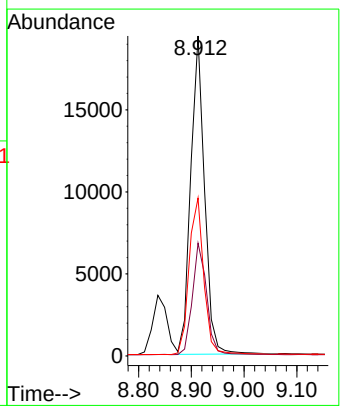


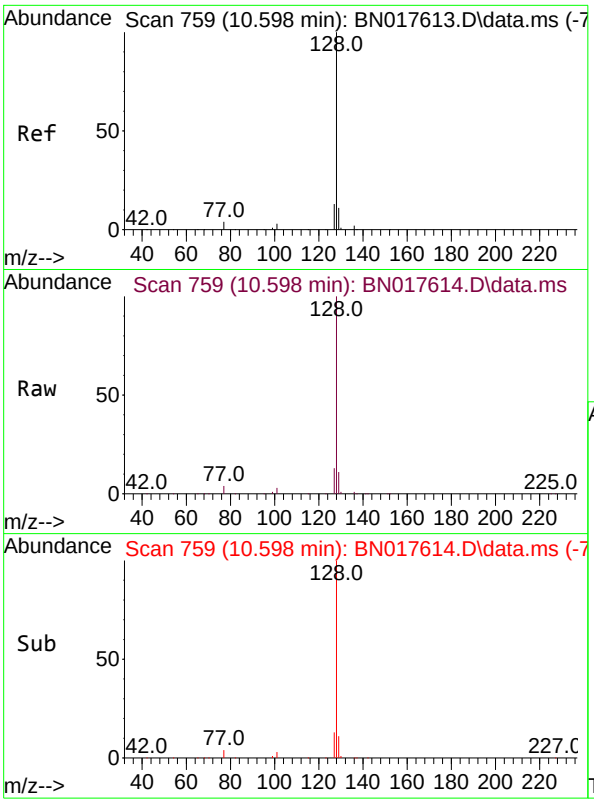


#8
Nitrobenzene-d5
Concen: 0.583 ng
RT: 8.912 min Scan# 626
Delta R.T. 0.000 min
Lab File: BN017614.D
Acq: 30 Nov 2021 15:47

Tgt Ion: 82 Resp: 35414

Ion	Ratio	Lower	Upper
82	100		
128	35.3	27.7	41.5
54	49.4	49.2	73.8



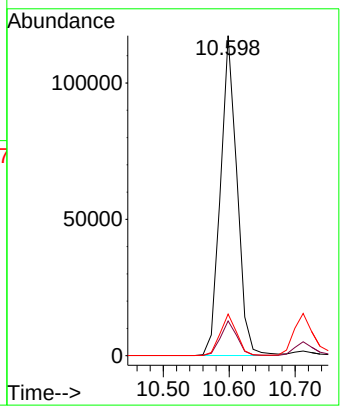


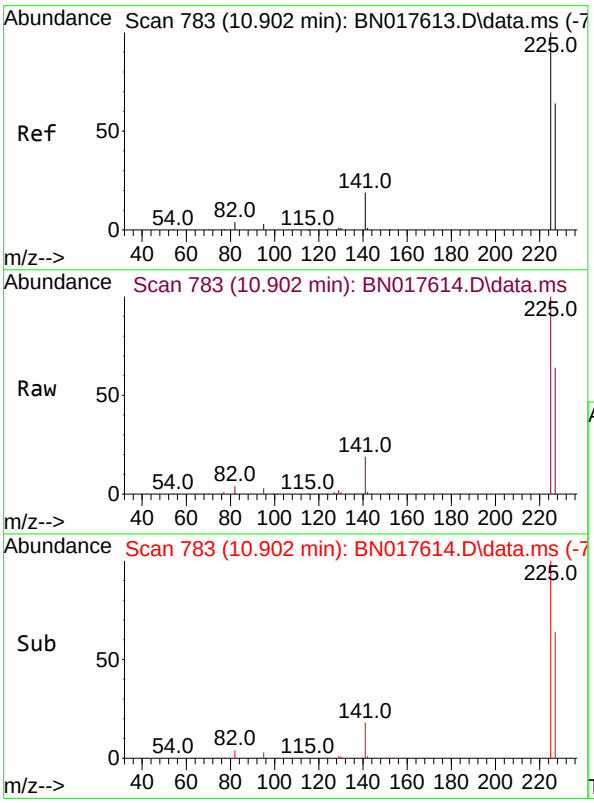
#9
Naphthalene
Concen: 0.874 ng
RT: 10.598 min Scan# 7
Delta R.T. 0.000 min
Lab File: BN017614.D
Acq: 30 Nov 2021 15:47

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:128 Resp: 204611

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	13.0	10.6	15.8

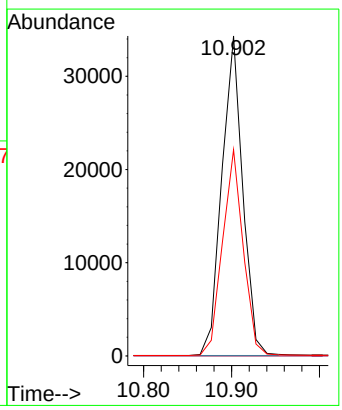


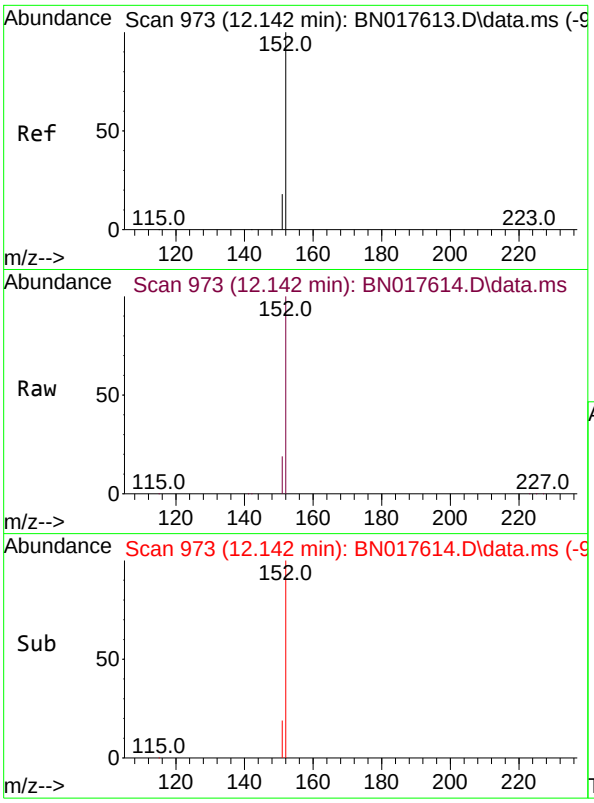


#10
Hexachlorobutadiene
Concen: 1.225 ng
RT: 10.902 min Scan# 783
Delta R.T. 0.000 min
Lab File: BN017614.D
Acq: 30 Nov 2021 15:47

Tgt Ion:225 Resp: 56522

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.9	51.1	76.7



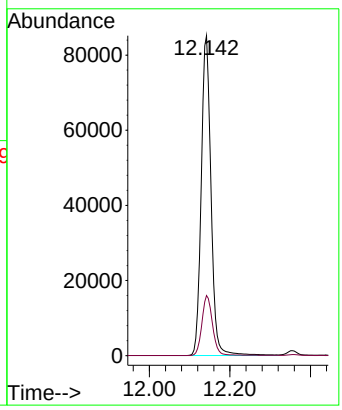


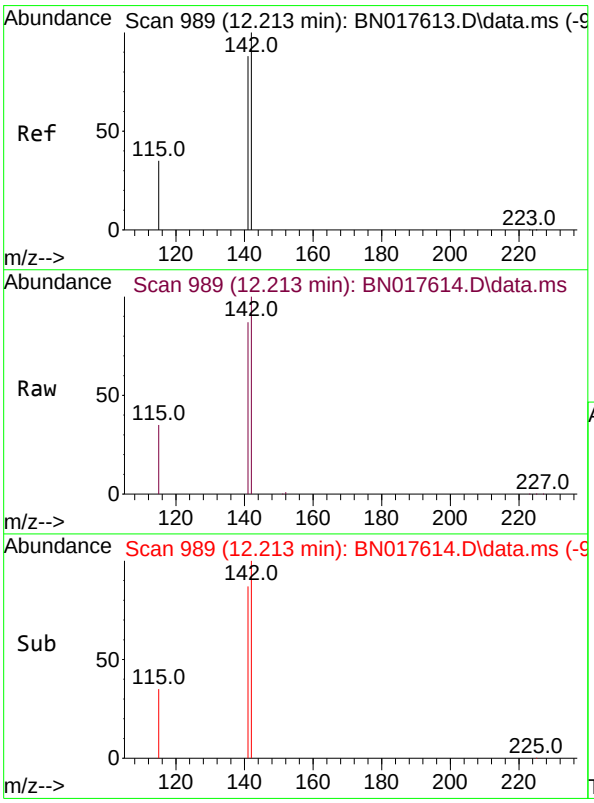
#11
2-Methylnaphthalene-d10
Concen: 0.935 ng
RT: 12.142 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN017614.D
Acq: 30 Nov 2021 15:47

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 143668

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.4

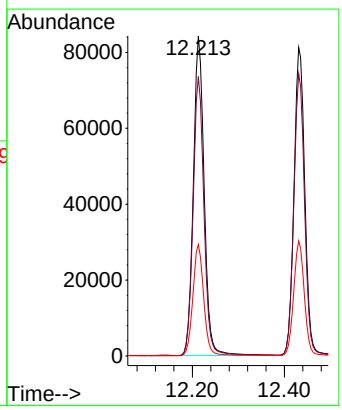


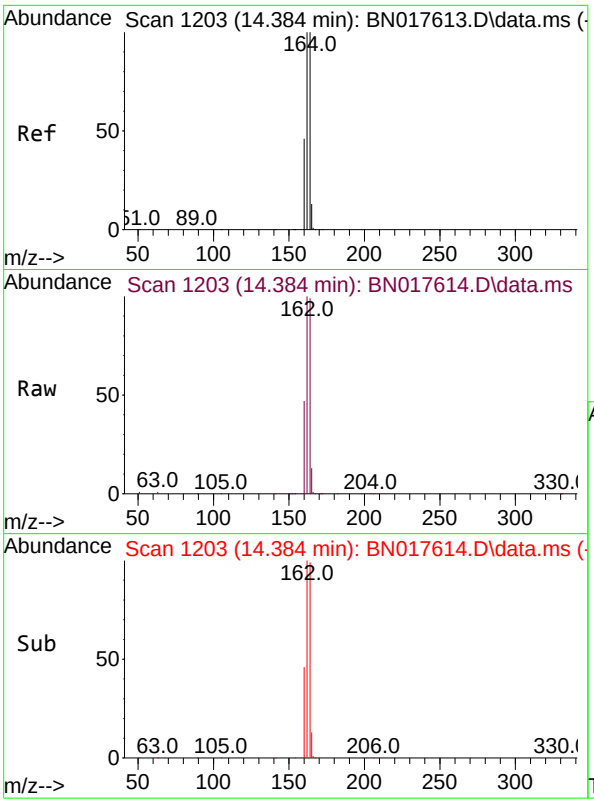


#12
2-Methylnaphthalene
Concen: 0.919 ng
RT: 12.213 min Scan# 989
Delta R.T. 0.000 min
Lab File: BN017614.D
Acq: 30 Nov 2021 15:47

Tgt Ion:142 Resp: 138325

Ion	Ratio	Lower	Upper
142	100		
141	87.3	70.6	106.0
115	34.8	25.8	38.6



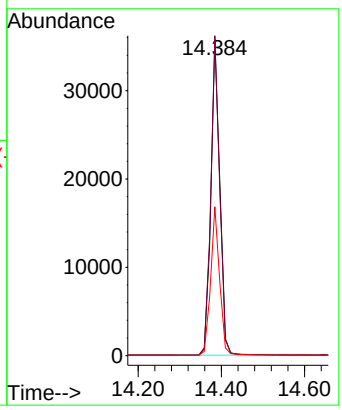


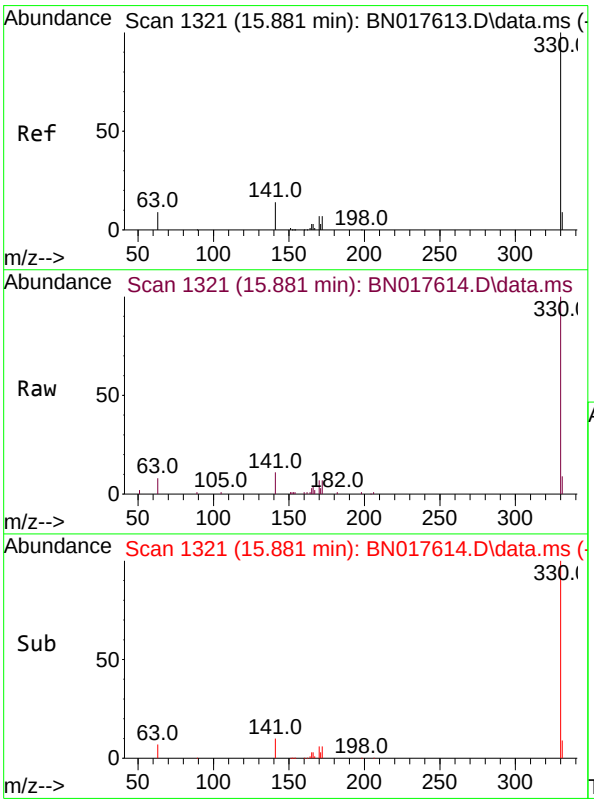
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.384 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN017614.D
Acq: 30 Nov 2021 15:47

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:164 Resp: 53207

Ion	Ratio	Lower	Upper
164	100		
162	101.1	81.4	122.2
160	47.1	36.8	55.2

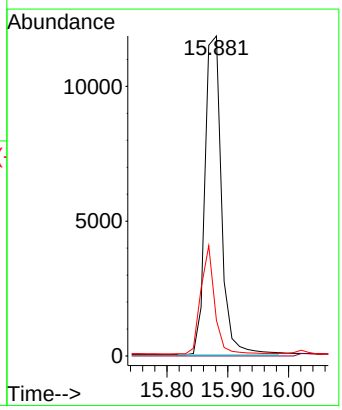


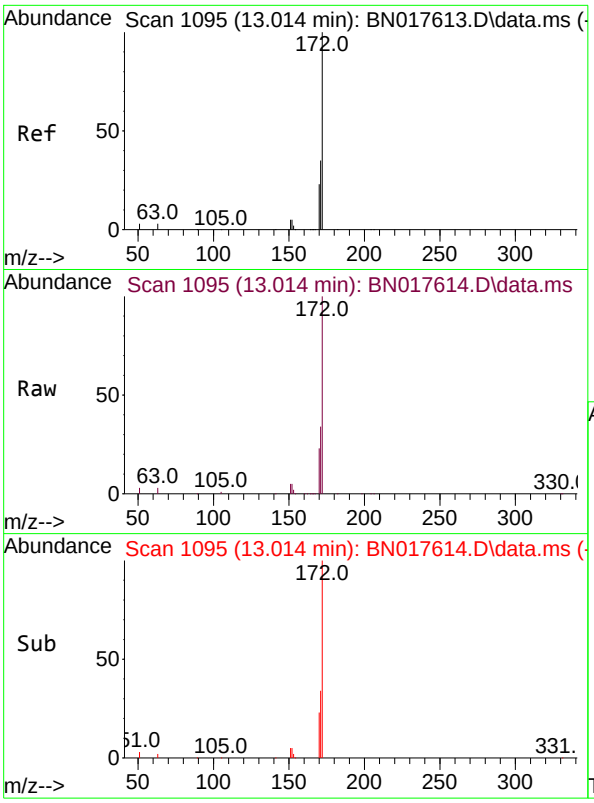


#14
2,4,6-Tribromophenol
Concen: 1.367 ng
RT: 15.881 min Scan# 1321
Delta R.T. 0.000 min
Lab File: BN017614.D
Acq: 30 Nov 2021 15:47

Tgt Ion:330 Resp: 22348

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	28.5	28.9	43.3#



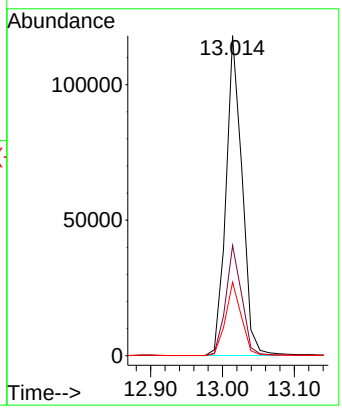


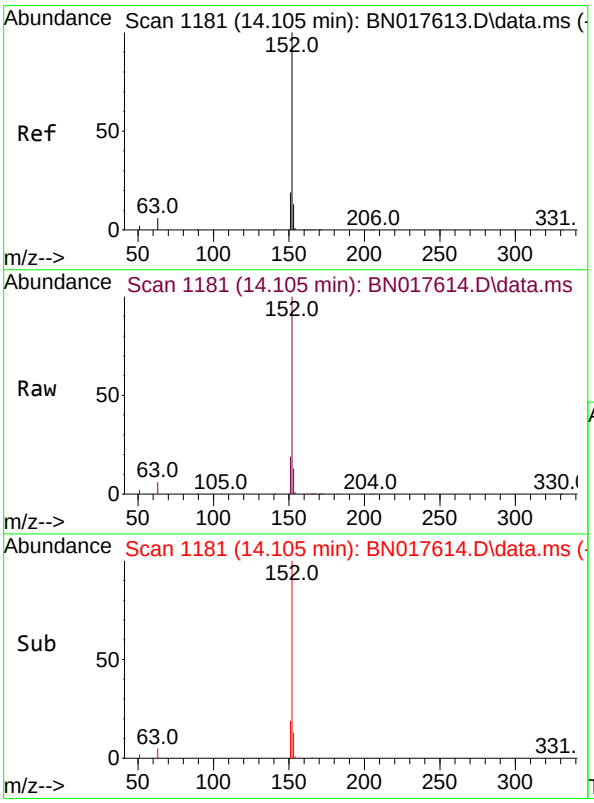
#15
2-Fluorobiphenyl
Concen: 0.930 ng
RT: 13.014 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN017614.D
Acq: 30 Nov 2021 15:47

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:172 Resp: 184183

Ion	Ratio	Lower	Upper
172	100		
171	34.4	28.7	43.1
170	22.9	19.4	29.2

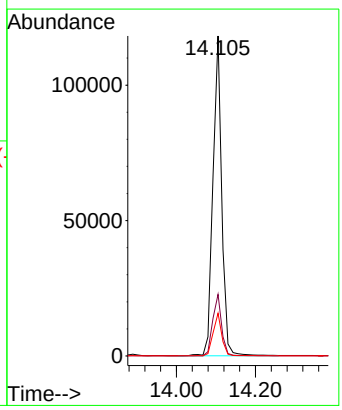


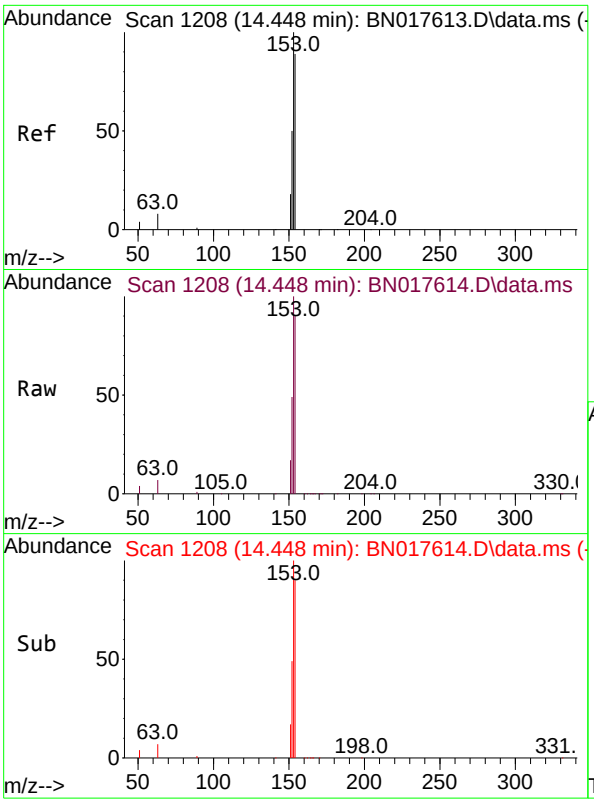


#16
Acenaphthylene
Concen: 0.863 ng
RT: 14.105 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BN017614.D
Acq: 30 Nov 2021 15:47

Tgt Ion:152 Resp: 183304

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.5	23.3
153	13.1	10.4	15.6



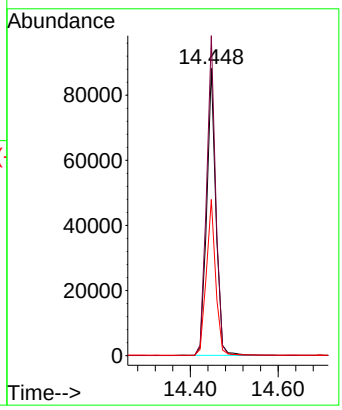


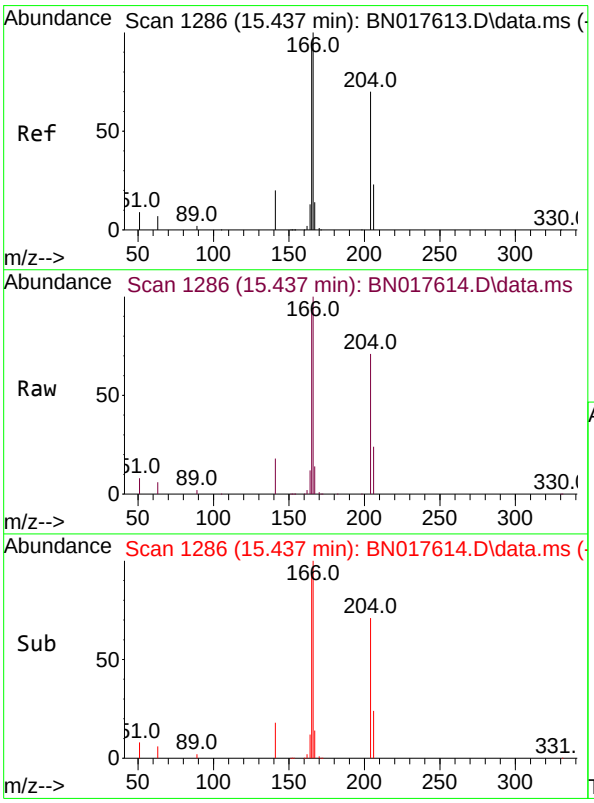
#17
Acenaphthene
Concen: 0.867 ng
RT: 14.448 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN017614.D
Acq: 30 Nov 2021 15:47

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:154 Resp: 127111

Ion	Ratio	Lower	Upper
154	100		
153	111.1	91.2	136.8
152	55.3	44.3	66.5

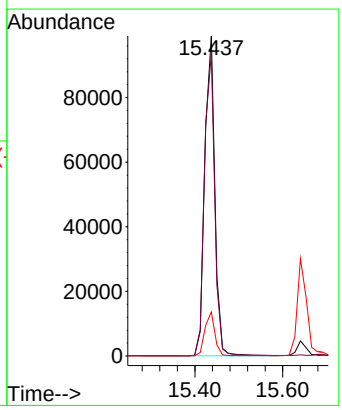


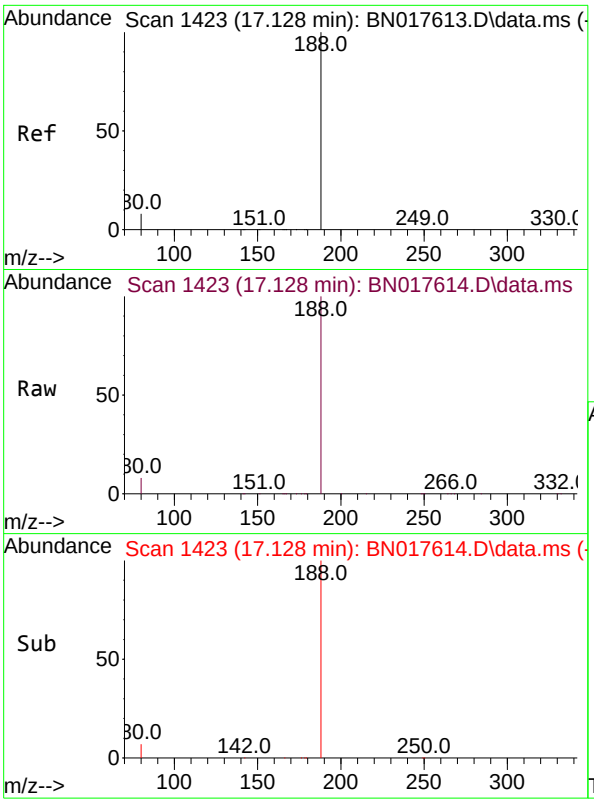


#18
Fluorene
Concen: 0.891 ng
RT: 15.437 min Scan# 1286
Delta R.T. 0.000 min
Lab File: BN017614.D
Acq: 30 Nov 2021 15:47

Tgt Ion:166 Resp: 157385

Ion	Ratio	Lower	Upper
166	100		
165	97.0	77.9	116.9
167	13.6	10.9	16.3



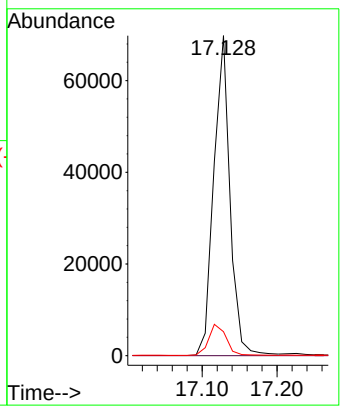


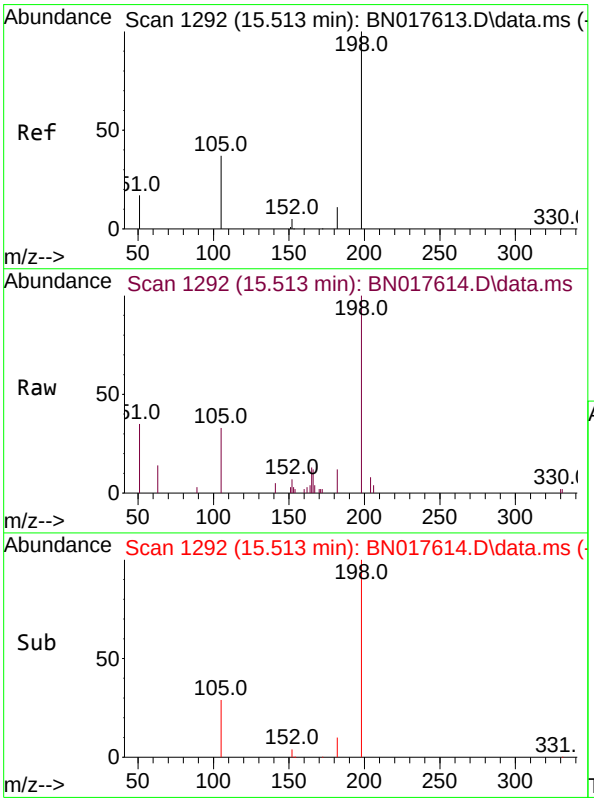
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.128 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN017614.D
Acq: 30 Nov 2021 15:47

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:188 Resp: 104490

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.5	6.1	9.1

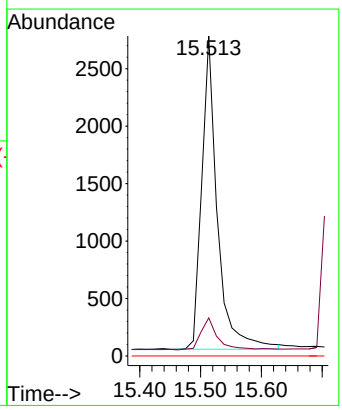


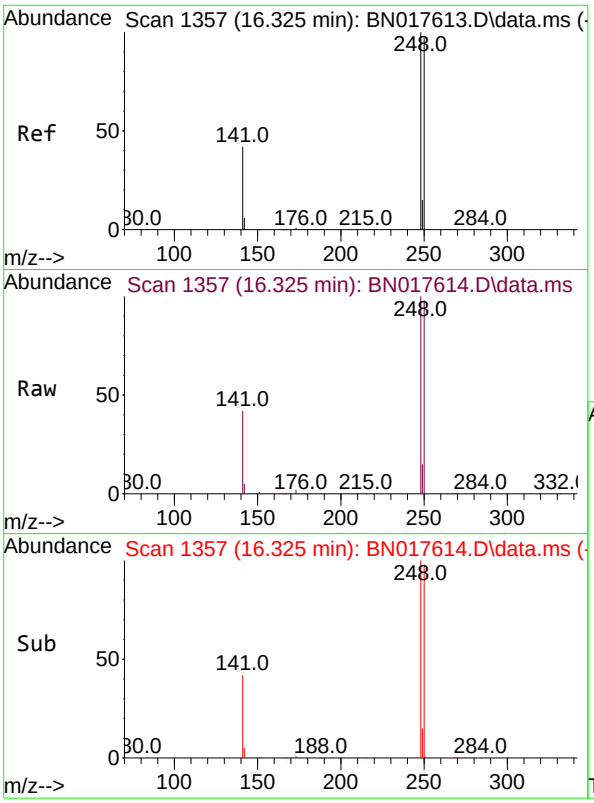


#20
4,6-Dinitro-2-methylphenol
Concen: 1.001 ng
RT: 15.513 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BN017614.D
Acq: 30 Nov 2021 15:47

Tgt Ion:198 Resp: 4872

Ion	Ratio	Lower	Upper
198	100		
182	11.9	11.4	17.2
77	0.0	0.0	0.0



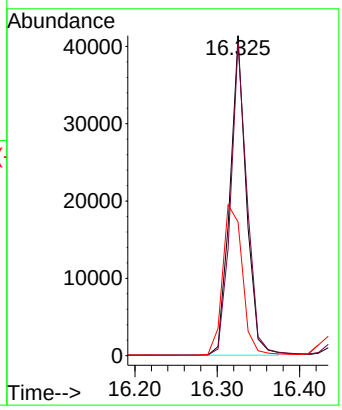


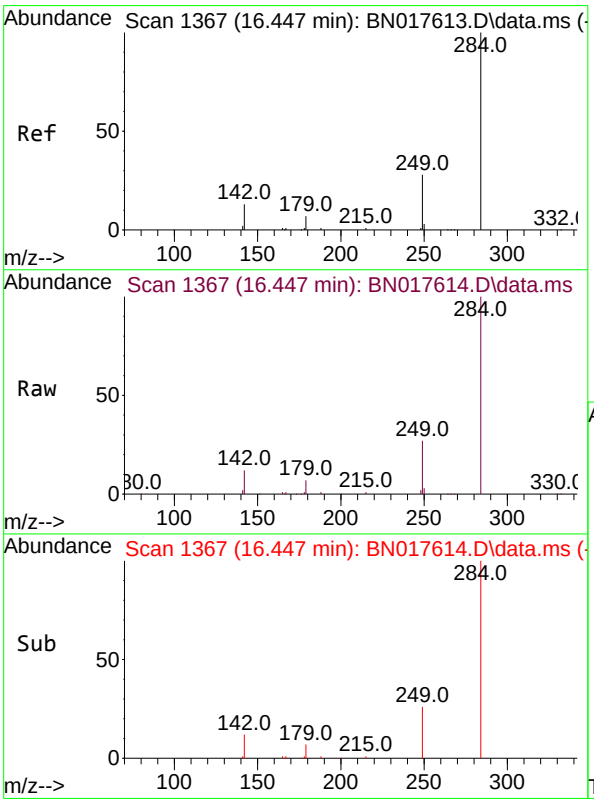
#21
4-Bromophenyl-phenylether
Concen: 1.001 ng
RT: 16.325 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN017614.D
Acq: 30 Nov 2021 15:47

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:248 Resp: 57459

Ion	Ratio	Lower	Upper
248	100		
250	97.7	71.8	107.8
141	41.8	70.9	106.3#

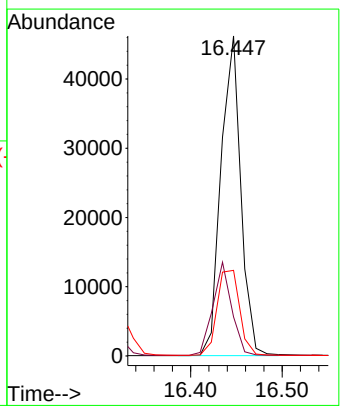


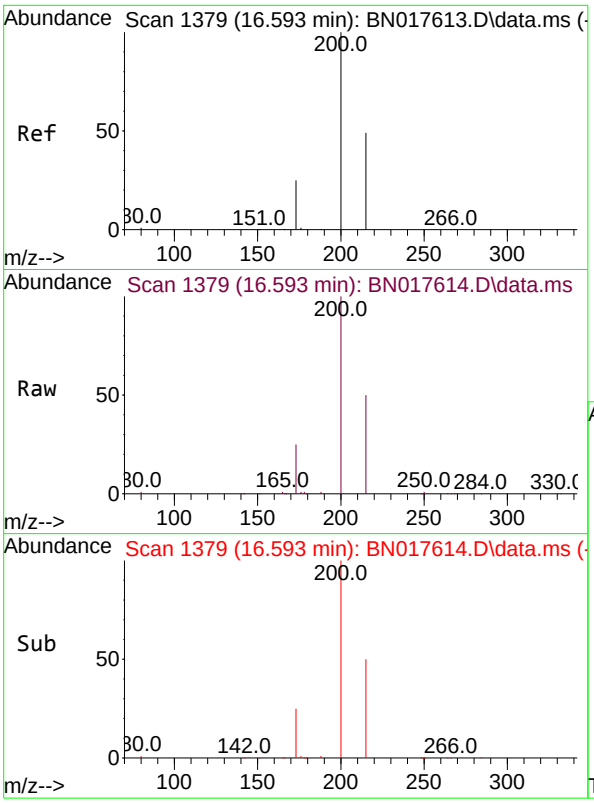


#22
Hexachlorobenzene
Concen: 1.120 ng
RT: 16.447 min Scan# 1367
Delta R.T. 0.000 min
Lab File: BN017614.D
Acq: 30 Nov 2021 15:47

Tgt Ion:284 Resp: 69455

Ion	Ratio	Lower	Upper
284	100		
142	27.5	28.2	42.2#
249	30.4	24.4	36.6



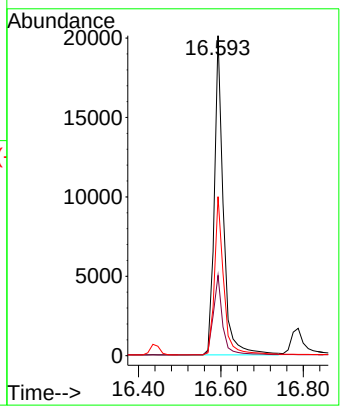


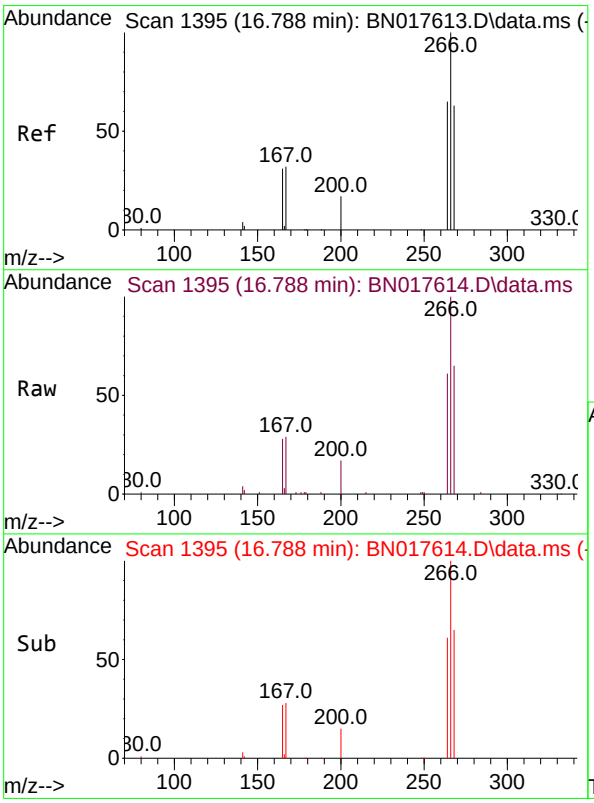
#23
Atrazine
Concen: 0.809 ng
RT: 16.593 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN017614.D
Acq: 30 Nov 2021 15:47

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:200 Resp: 30758

Ion	Ratio	Lower	Upper
200	100		
173	25.1	17.6	26.4
215	49.7	40.2	60.4

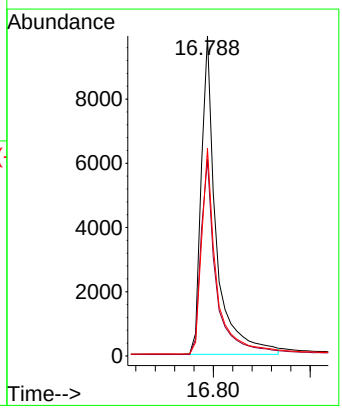


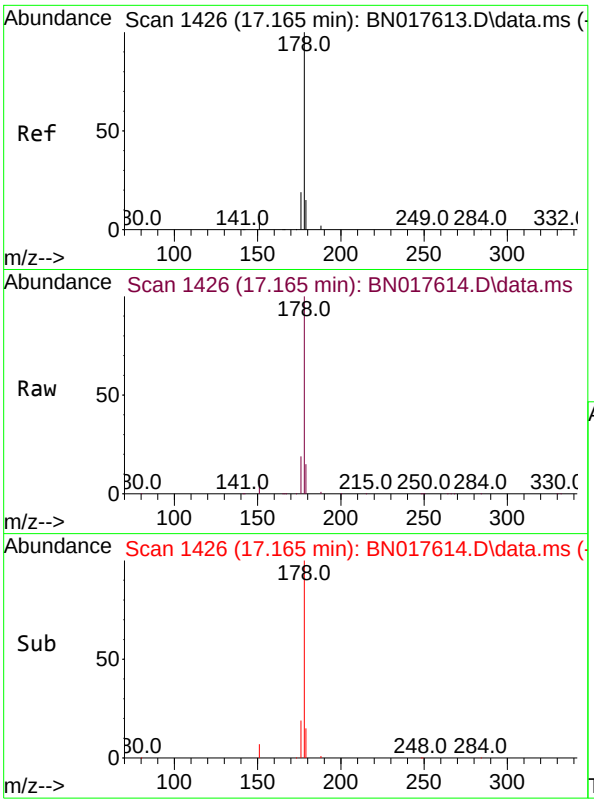


#24
Pentachlorophenol
Concen: 1.135 ng
RT: 16.788 min Scan# 1395
Delta R.T. 0.000 min
Lab File: BN017614.D
Acq: 30 Nov 2021 15:47

Tgt Ion:266 Resp: 21286

Ion	Ratio	Lower	Upper
266	100		
264	62.3	49.8	74.8
268	63.8	51.3	76.9



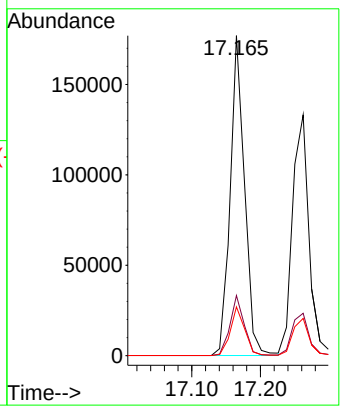


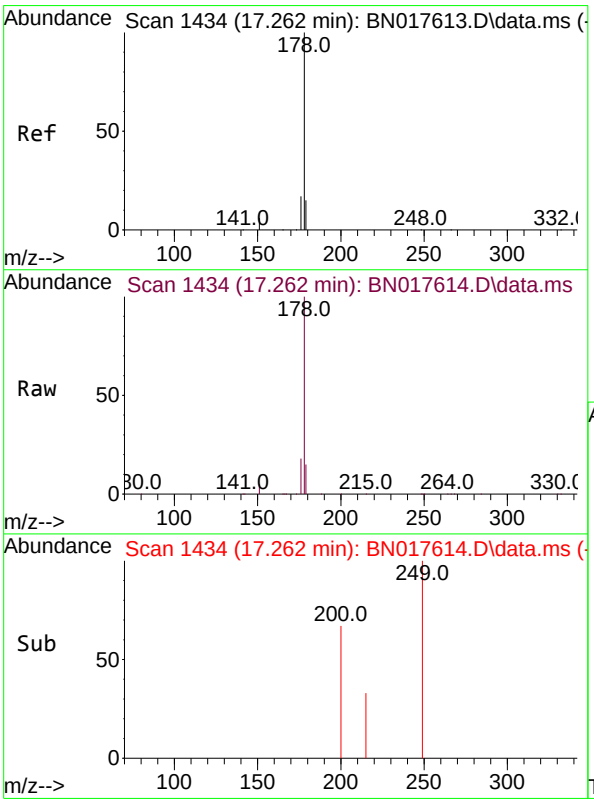
#25
Phenanthrene
Concen: 0.882 ng
RT: 17.165 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN017614.D
Acq: 30 Nov 2021 15:47

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:178 Resp: 257878

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.6
179	15.3	12.3	18.5

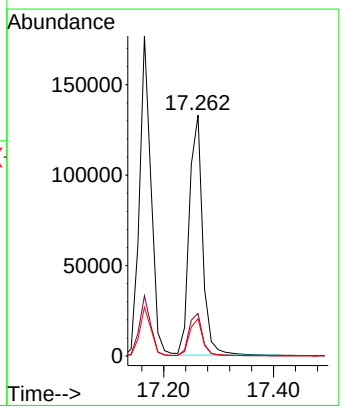


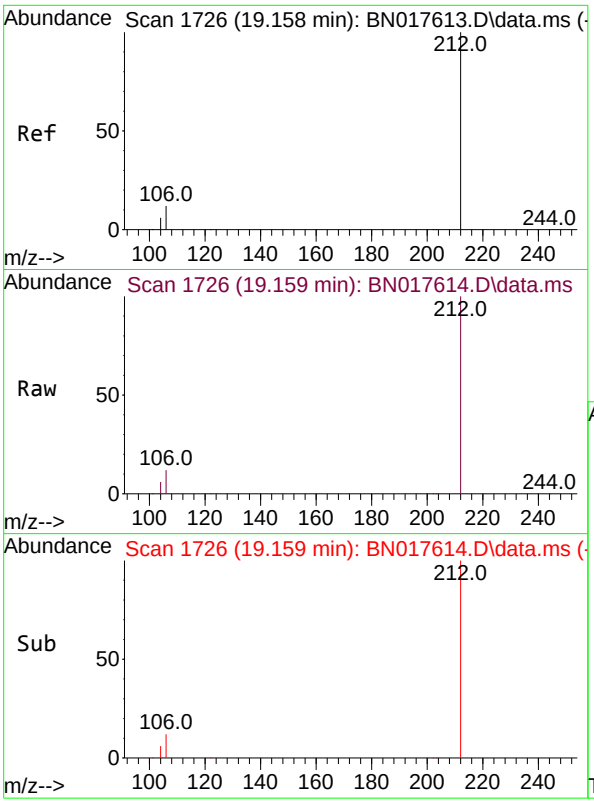


#26
Anthracene
Concen: 0.893 ng
RT: 17.262 min Scan# 1434
Delta R.T. 0.000 min
Lab File: BN017614.D
Acq: 30 Nov 2021 15:47

Tgt Ion:178 Resp: 223187

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.6	22.0
179	15.4	12.2	18.4



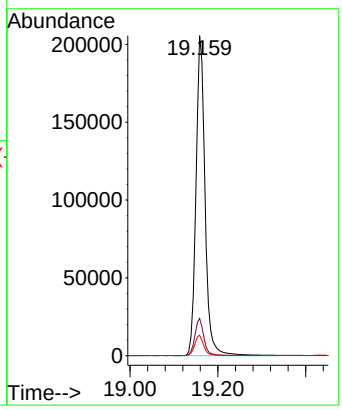


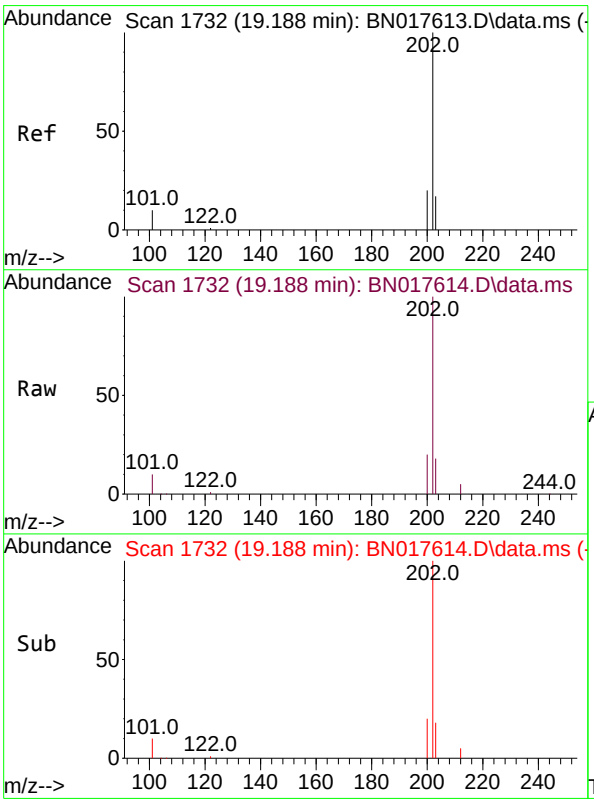
#27
Fluoranthene-d10
Concen: 0.914 ng
RT: 19.159 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN017614.D
Acq: 30 Nov 2021 15:47

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:212 Resp: 293811

Ion	Ratio	Lower	Upper
212	100		
106	11.5	10.5	15.7
104	6.3	5.8	8.6

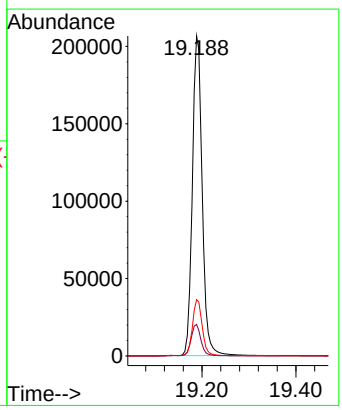


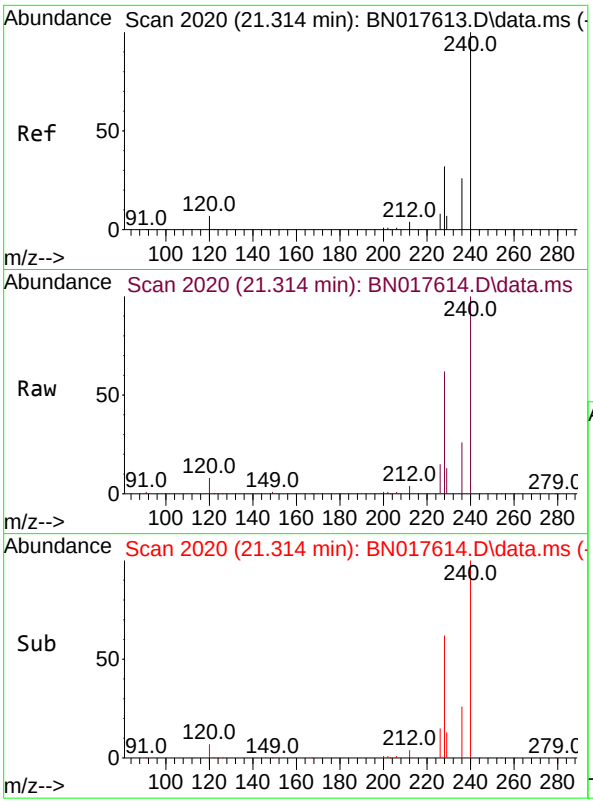


#28
Fluoranthene
Concen: 0.930 ng
RT: 19.188 min Scan# 1732
Delta R.T. 0.000 min
Lab File: BN017614.D
Acq: 30 Nov 2021 15:47

Tgt Ion:202 Resp: 300821

Ion	Ratio	Lower	Upper
202	100		
101	10.0	8.9	13.3
203	17.5	13.8	20.6



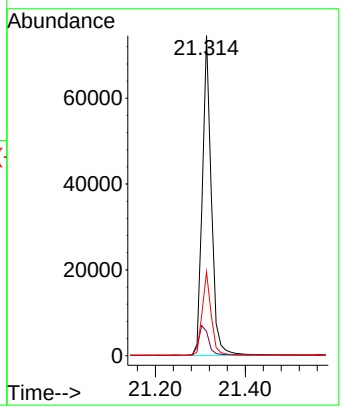


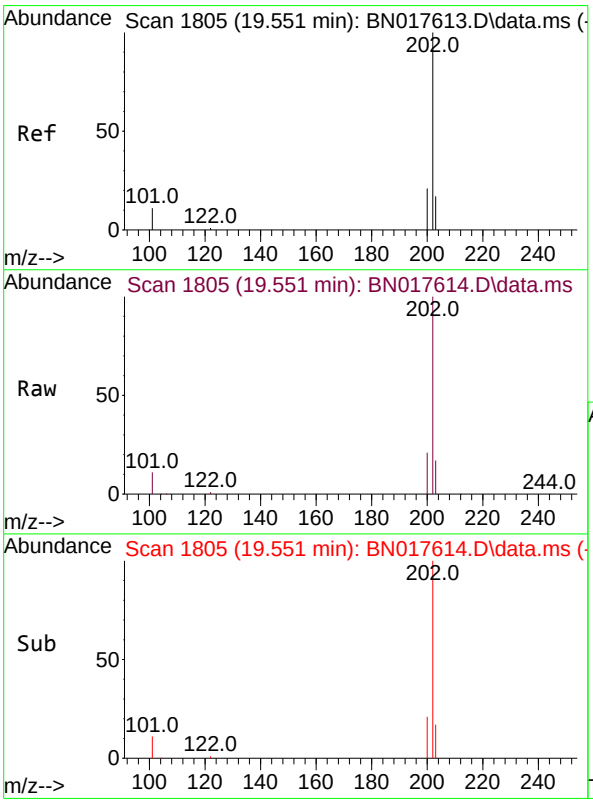
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.314 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN017614.D
Acq: 30 Nov 2021 15:47

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:240 Resp: 103484

Ion	Ratio	Lower	Upper
240	100		
120	7.6	4.2	6.2#
236	26.2	20.0	30.0

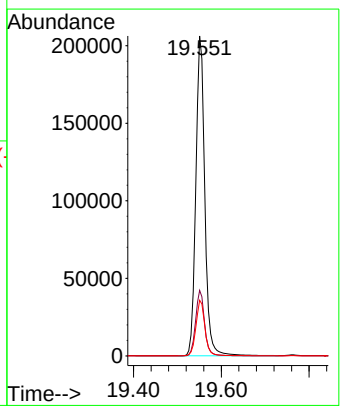


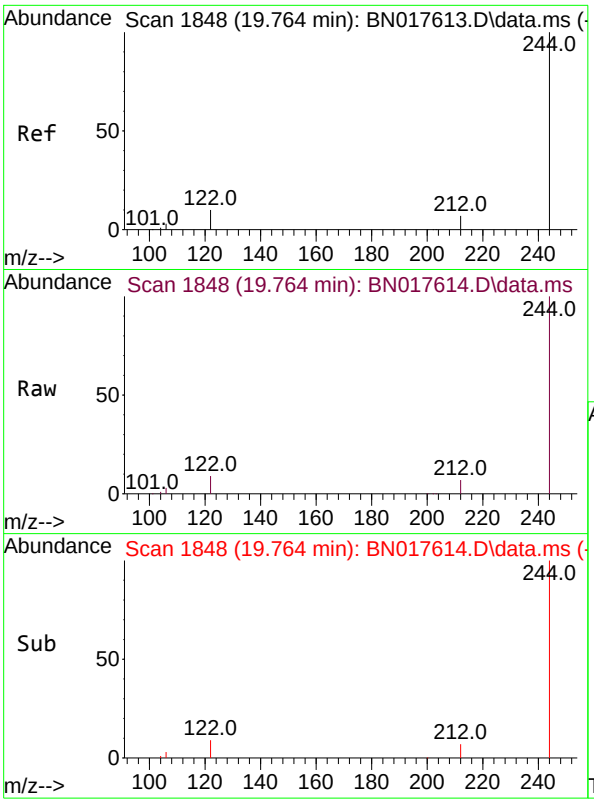


#30
Pyrene
Concen: 0.836 ng
RT: 19.551 min Scan# 1805
Delta R.T. 0.000 min
Lab File: BN017614.D
Acq: 30 Nov 2021 15:47

Tgt Ion:202 Resp: 292652

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.5	24.7
203	17.4	14.0	21.0



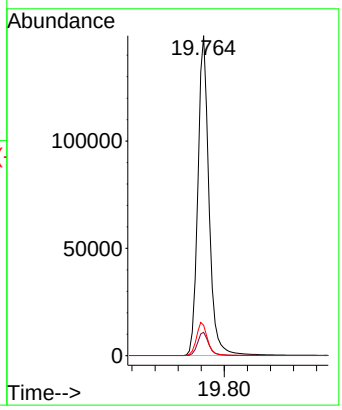


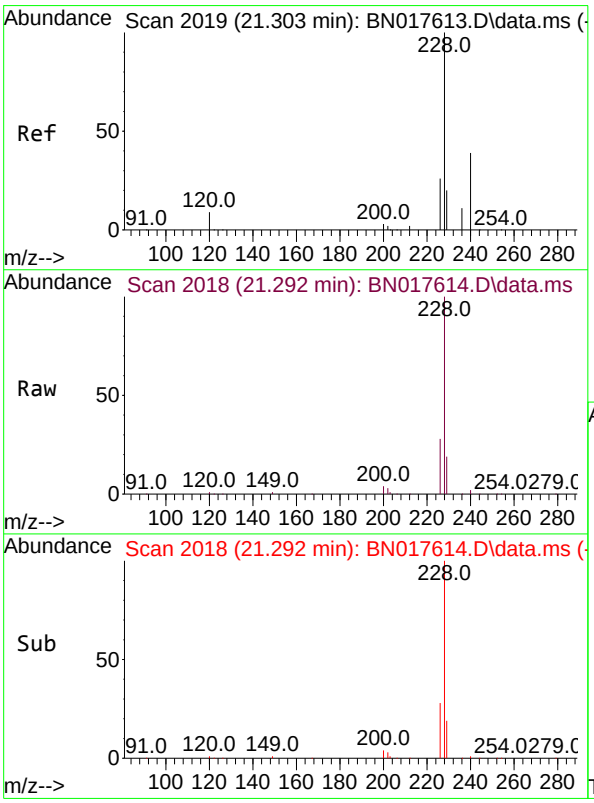
#31
Terphenyl-d14
Concen: 0.879 ng
RT: 19.764 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN017614.D
Acq: 30 Nov 2021 15:47

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:244 Resp: 199771

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.7	8.5
122	9.5	8.6	13.0

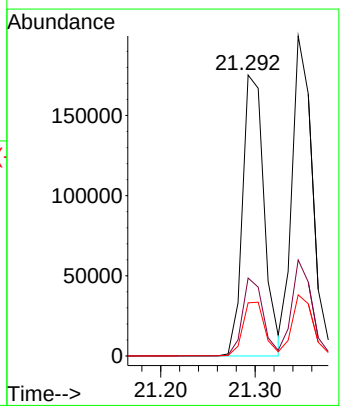


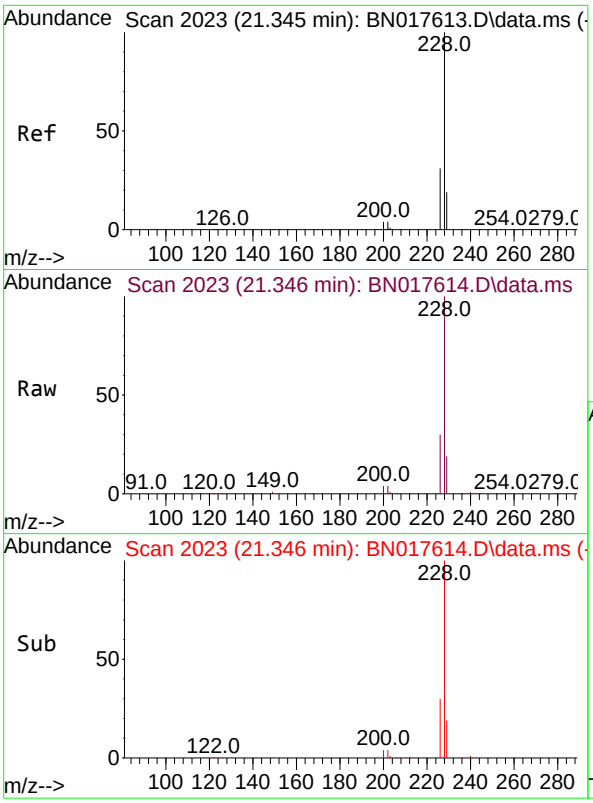


#32
Benzo(a)anthracene
Concen: 0.862 ng
RT: 21.292 min Scan# 2018
Delta R.T. -0.010 min
Lab File: BN017614.D
Acq: 30 Nov 2021 15:47

Tgt Ion:228 Resp: 277670

Ion	Ratio	Lower	Upper
228	100		
226	27.7	21.3	31.9
229	18.9	15.7	23.5



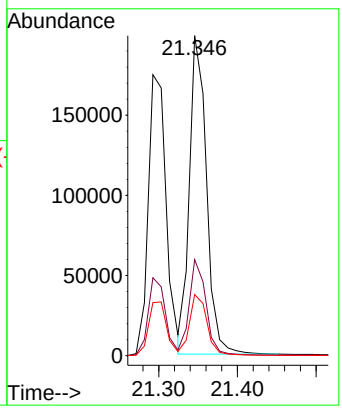


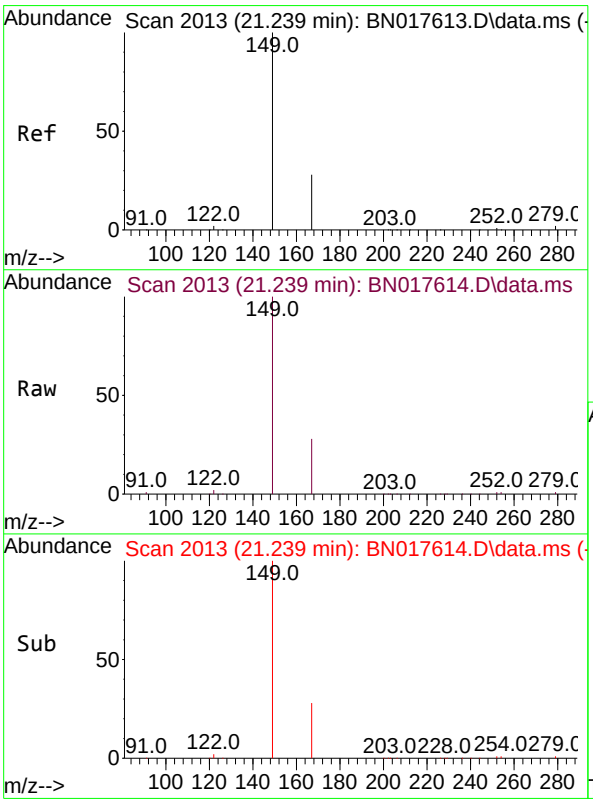
#33
Chrysene
Concen: 0.871 ng
RT: 21.346 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN017614.D
Acq: 30 Nov 2021 15:47

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:228 Resp: 299638

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.3	34.9
229	19.1	15.6	23.4

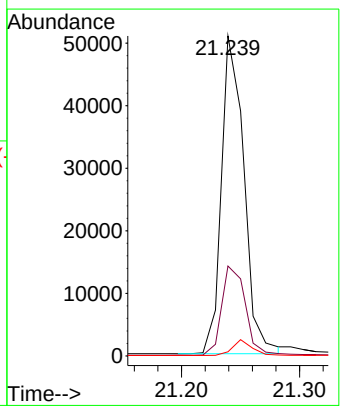


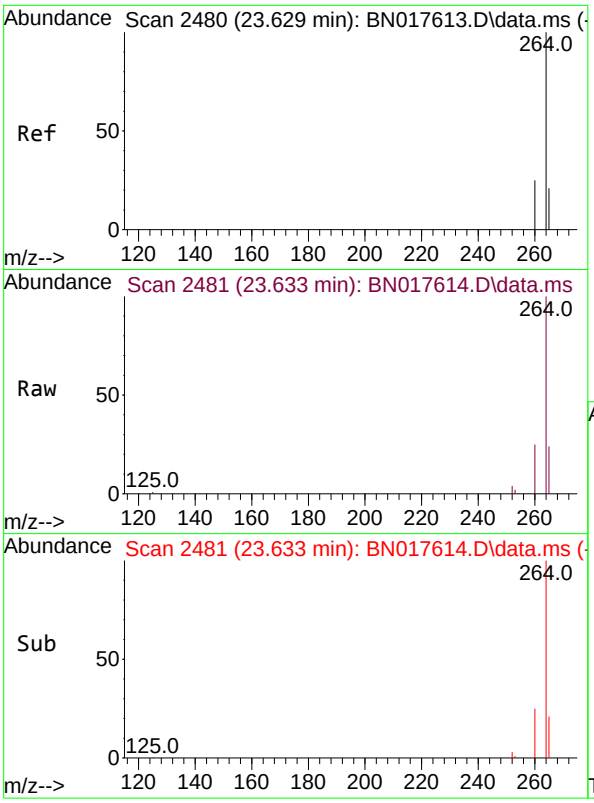


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.542 ng
RT: 21.239 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BN017614.D
Acq: 30 Nov 2021 15:47

Tgt Ion:149 Resp: 67290

Ion	Ratio	Lower	Upper
149	100		
167	29.5	21.8	32.6
279	4.3	3.4	5.0



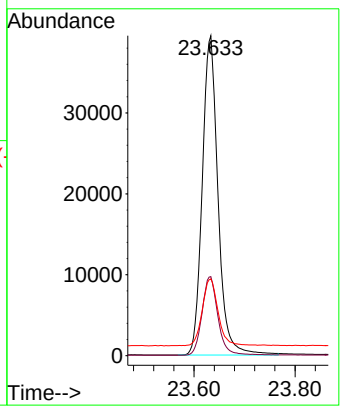


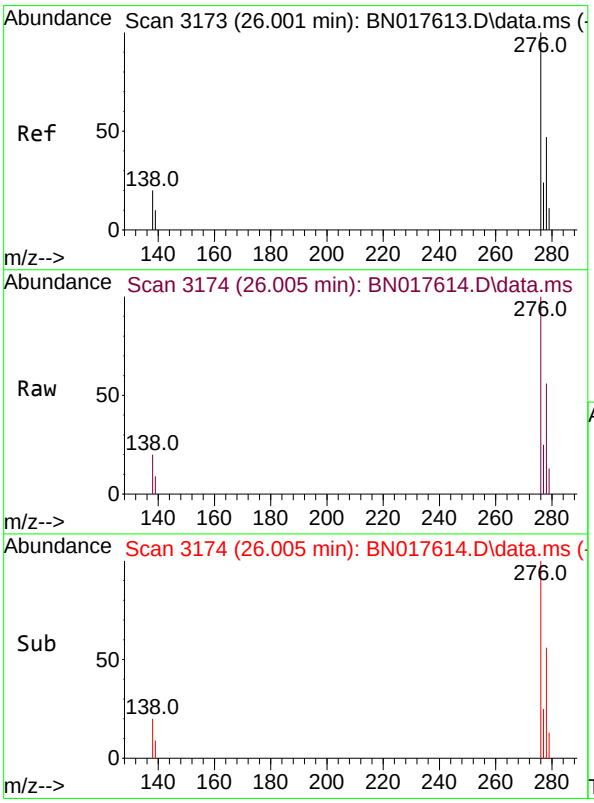
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.633 min Scan# 24
Delta R.T. 0.004 min
Lab File: BN017614.D
Acq: 30 Nov 2021 15:47

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:264 Resp: 85483

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.4	29.2
265	24.0	18.6	28.0

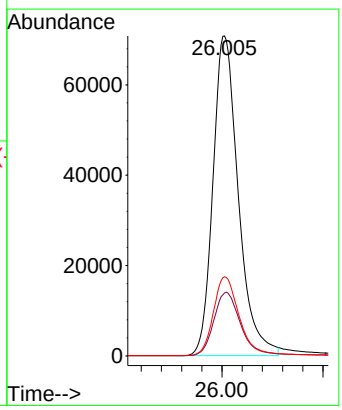


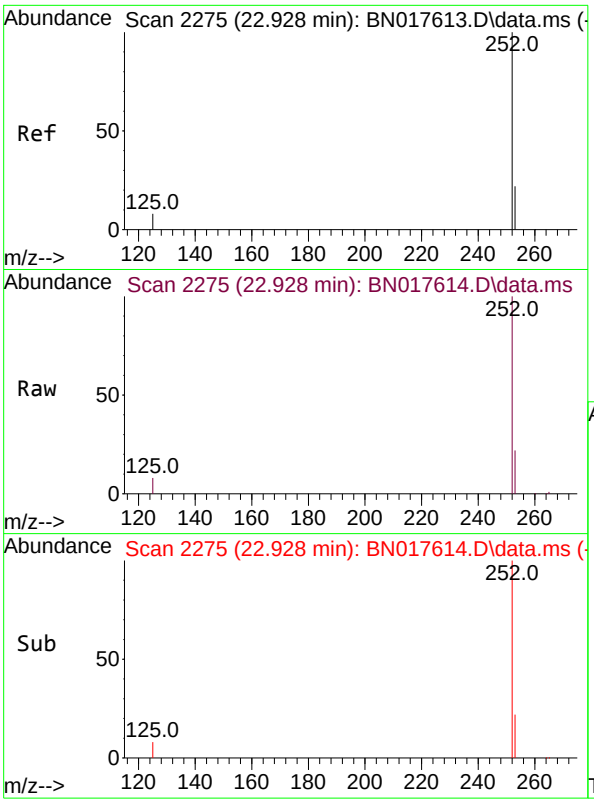


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.947 ng
RT: 26.005 min Scan# 3174
Delta R.T. 0.004 min
Lab File: BN017614.D
Acq: 30 Nov 2021 15:47

Tgt Ion:276 Resp: 247102

Ion	Ratio	Lower	Upper
276	100		
138	20.7	19.7	29.5
277	25.0	20.0	30.0



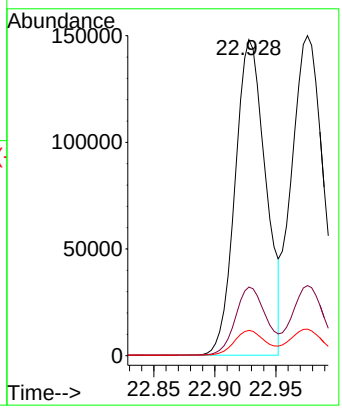


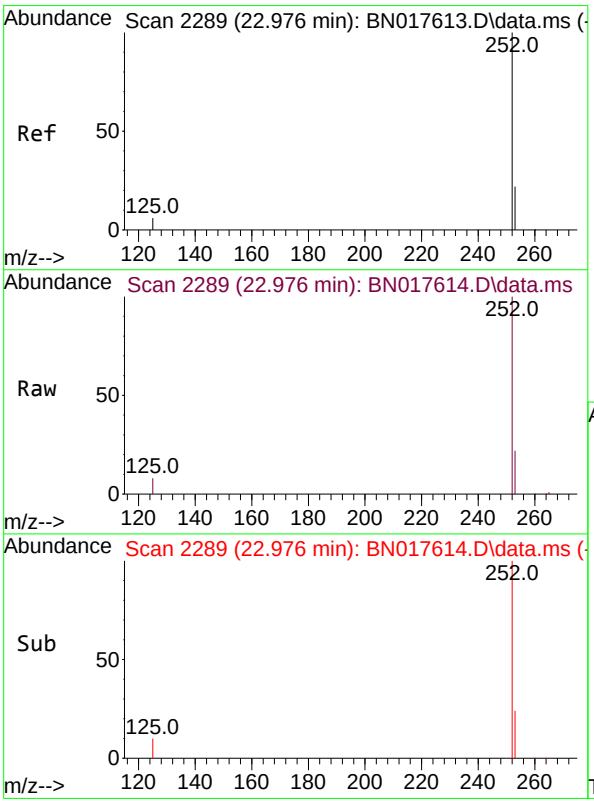
#37
Benzo(b)fluoranthene
Concen: 0.829 ng
RT: 22.928 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN017614.D
Acq: 30 Nov 2021 15:47

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 257881

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.7	26.5
125	8.0	7.8	11.8

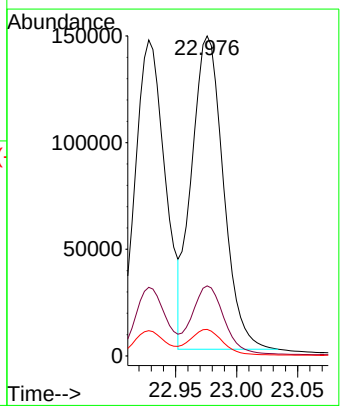


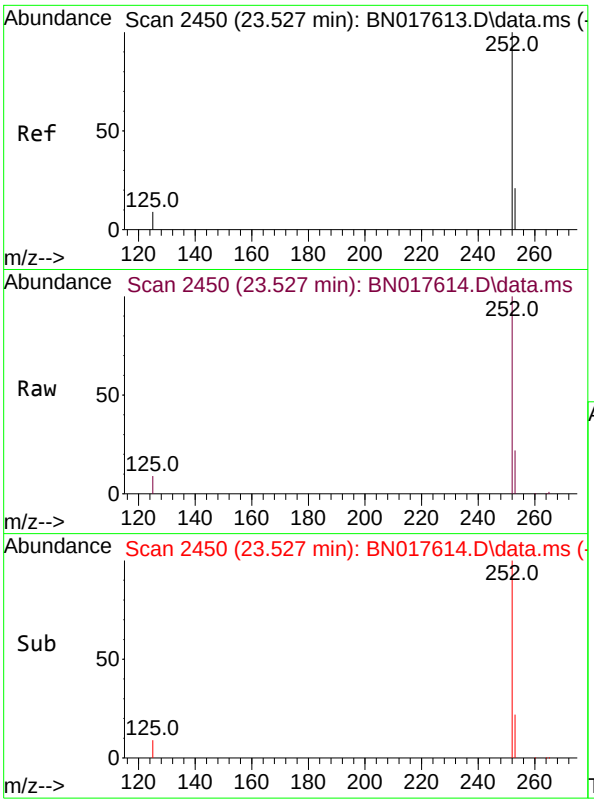


#38
Benzo(k)fluoranthene
Concen: 0.883 ng
RT: 22.976 min Scan# 2289
Delta R.T. 0.000 min
Lab File: BN017614.D
Acq: 30 Nov 2021 15:47

Tgt Ion:252 Resp: 266313

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.7	26.5
125	8.3	8.2	12.2



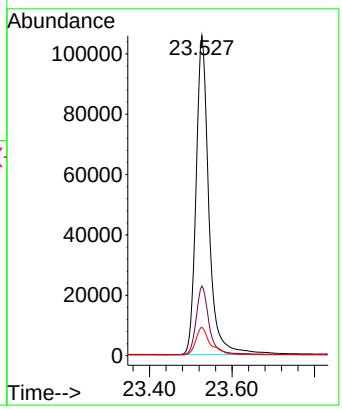


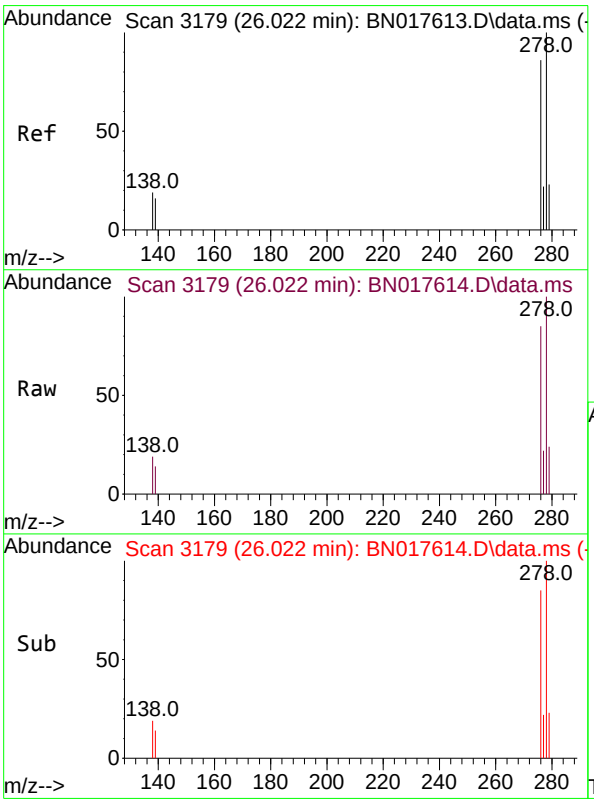
#39
Benzo(a)pyrene
Concen: 0.887 ng
RT: 23.527 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN017614.D
Acq: 30 Nov 2021 15:47

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 227708

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.9	26.9
125	8.9	9.2	13.8#

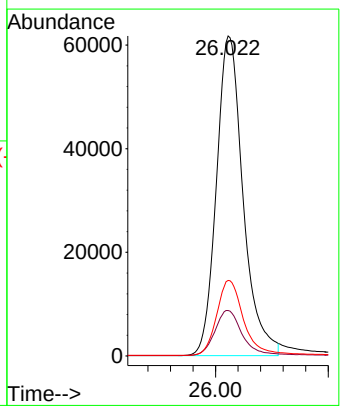


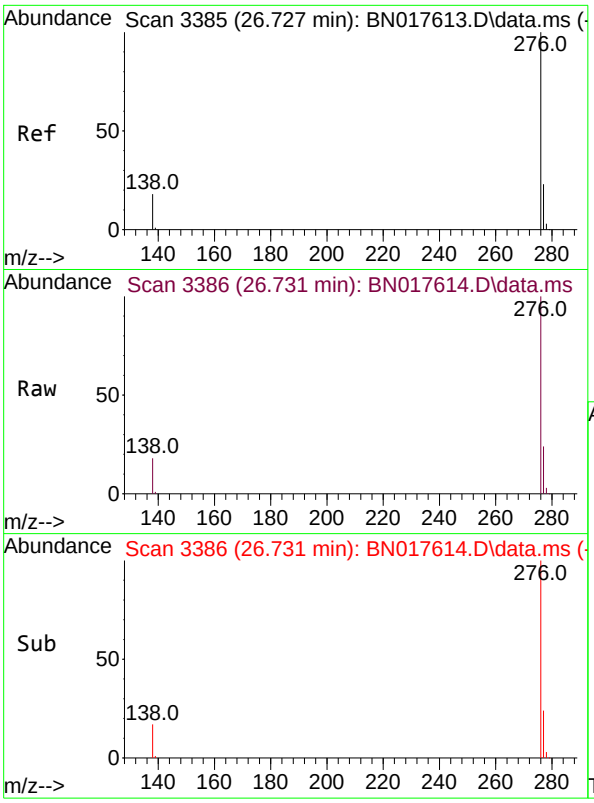


#40
Dibenzo(a,h)anthracene
Concen: 0.947 ng
RT: 26.022 min Scan# 3179
Delta R.T. 0.000 min
Lab File: BN017614.D
Acq: 30 Nov 2021 15:47

Tgt Ion:278 Resp: 202930

Ion	Ratio	Lower	Upper
278	100		
139	14.2	13.0	19.6
279	23.6	19.2	28.8





#41
Benzo(g,h,i)perylene
Concen: 0.928 ng
RT: 26.731 min Scan# 3
Delta R.T. 0.004 min
Lab File: BN017614.D
Acq: 30 Nov 2021 15:47

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:276 Resp: 207312

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.0	28.4
138	17.6	17.1	25.7