Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
Data File : BN017883.D
Acq On : 10 Dec 2021 23:05
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN121121

Quant Time: Dec 11 00:10:47 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 11 00:01:30 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.715	152	23668	0.400	ng		0.00
7) Naphthalene-d8	10.494	136	95904	0.400	ng		0.00
13) Acenaphthene-d10	14.335	164	59850	0.400	ng		0.00
19) Phenanthrene-d10	17.093	188	119492	0.400	ng		0.00
29) Chrysene-d12	21.293	240	92914	0.400	ng		0.00
35) Perylene-d12	23.589	264	62754	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.327	112	19000	0.389	ng		0.00
5) Phenol-d6	6.894	99	18449	0.381	ng		0.00
8) Nitrobenzene-d5	8.859	82	21351	0.341	ng		0.00
11) 2-Methylnaphthalene-d10	12.090	152	67178	0.398	ng		0.00
14) 2,4,6-Tribromophenol	15.844	330	4737	0.478	ng		0.00
15) 2-Fluorobiphenyl	12.964	172	83202	0.395	ng		0.00
27) Fluoranthene-d10	19.129	212	151041	0.390	ng		0.00
31) Terphenyl-d14	19.740	244	93368	0.408	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.261	88	2873	0.400	ng		99
3) n-Nitrosodimethylamine	3.602	42	8443	0.389	ng		99
6) bis(2-Chloroethyl)ether	7.143	93	23986	0.404	ng		99
9) Naphthalene	10.545	128	93018	0.390	ng		100
10) Hexachlorobutadiene	10.836	225	26774	0.394	ng	#	100
12) 2-Methylnaphthalene	12.161	142	63974	0.403	ng		100
16) Acenaphthylene	14.055	152	84351	0.377	ng		100
17) Acenaphthene	14.398	154	61832	0.398	ng		99
18) Fluorene	15.388	166	75211	0.398	ng		100
20) 4,6-Dinitro-2-methylph...	15.477	198	11	Below Cal			91
21) 4-Bromophenyl-phenylether	16.289	248	25812	0.377	ng		99
22) Hexachlorobenzene	16.399	284	35959	0.403	ng		100
23) Atrazine	16.569	200	16886	0.379	ng		100
24) Pentachlorophenol	16.776	266	761	0.384	ng		98
25) Phenanthrene	17.129	178	120653	0.395	ng		100
26) Anthracene	17.226	178	95984	0.377	ng		99
28) Fluoranthene	19.159	202	152521	0.406	ng		100
30) Pyrene	19.522	202	152096	0.417	ng		100
32) Benzo(a)anthracene	21.272	228	93328	0.363	ng		99
33) Chrysene	21.325	228	117986	0.387	ng		100
34) Bis(2-ethylhexyl)phtha...	21.208	149	34772	0.349	ng		100
36) Indeno(1,2,3-cd)pyrene	25.958	276	34456	0.349	ng	#	82
37) Benzo(b)fluoranthene	22.894	252	77090	0.372	ng		100
38) Benzo(k)fluoranthene	22.935	252	75682	0.375	ng		100
39) Benzo(a)pyrene	23.490	252	68287	0.371	ng	#	96
40) Dibenzo(a,h)anthracene	25.985	278	20281	0.326	ng		99
41) Benzo(g,h,i)perylene	26.677	276	35365	0.355	ng		99

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

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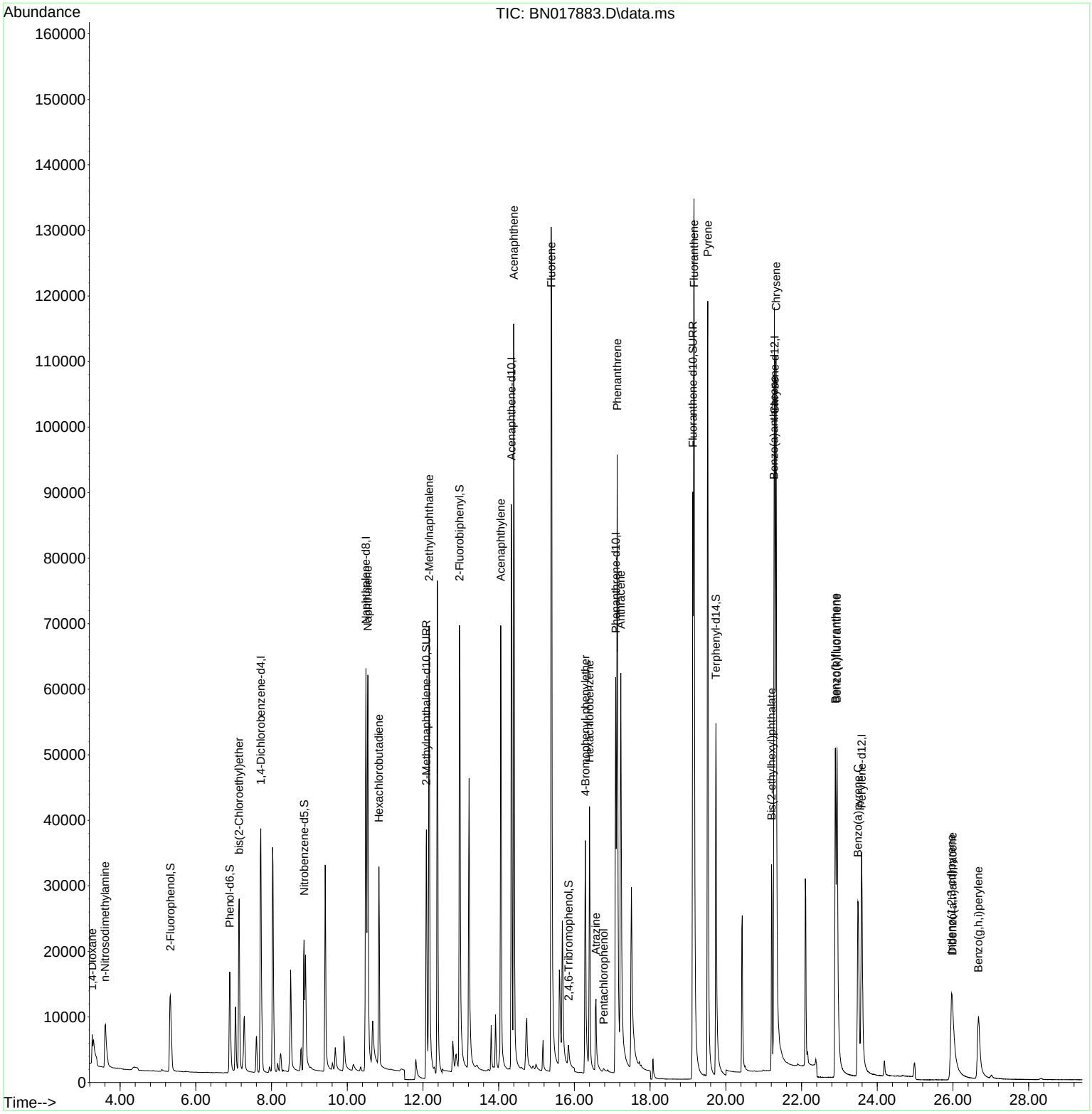
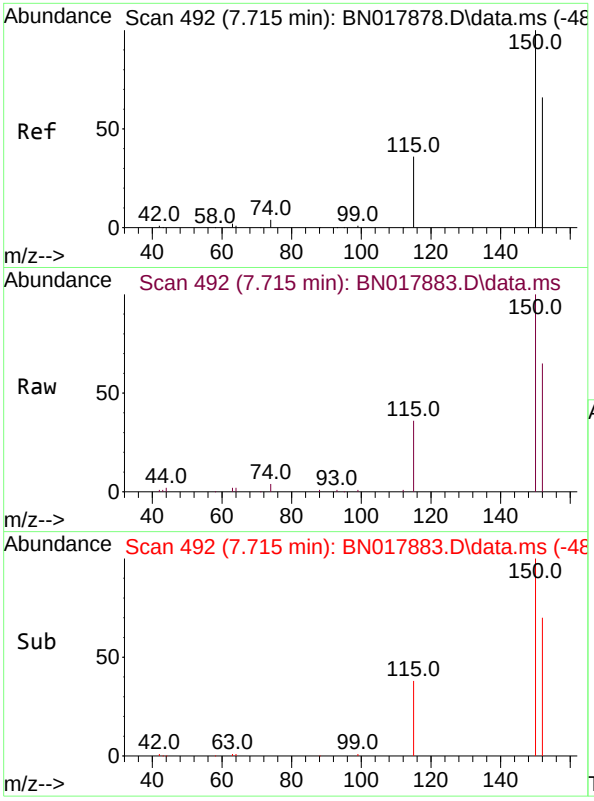
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN121121

Quant Time: Dec 11 00:10:47 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 11 00:01:30 2021
Response via : Initial Calibration



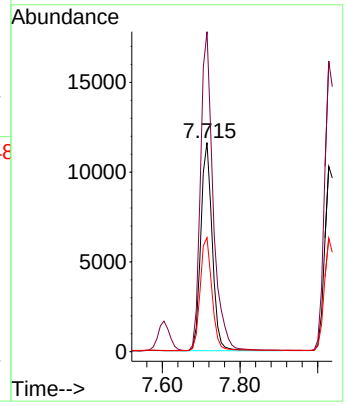


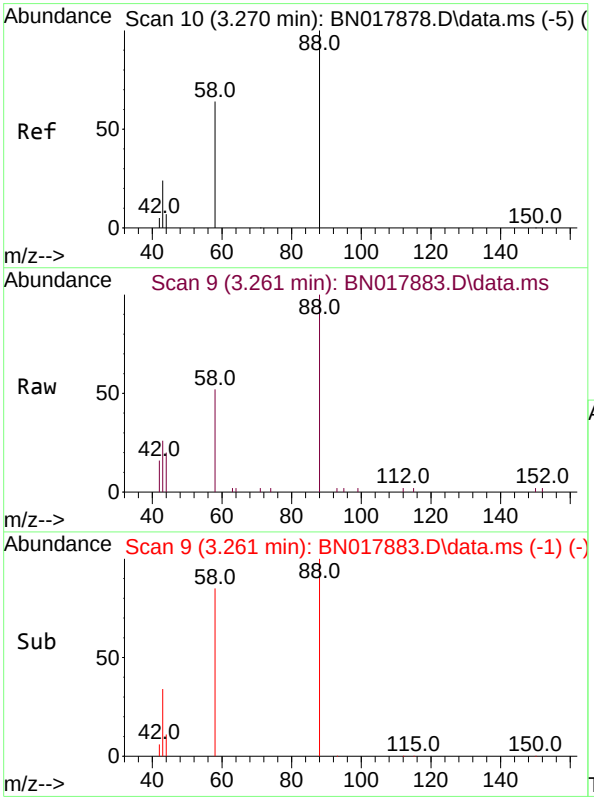
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.715 min Scan# 4
Delta R.T. -0.000 min
Lab File: BN017883.D
Acq: 10 Dec 2021 23:05

Instrument :
BNA_N
ClientSampleId :
ICVBN121121

Tgt Ion:152 Resp: 23668

Ion	Ratio	Lower	Upper
152	100		
150	153.0	121.9	182.9
115	54.5	44.1	66.1

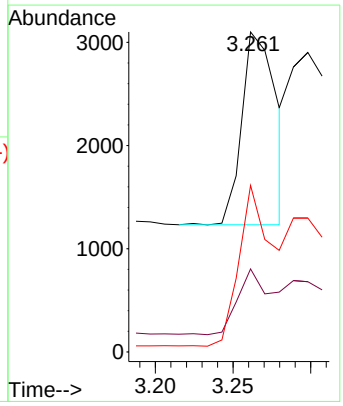


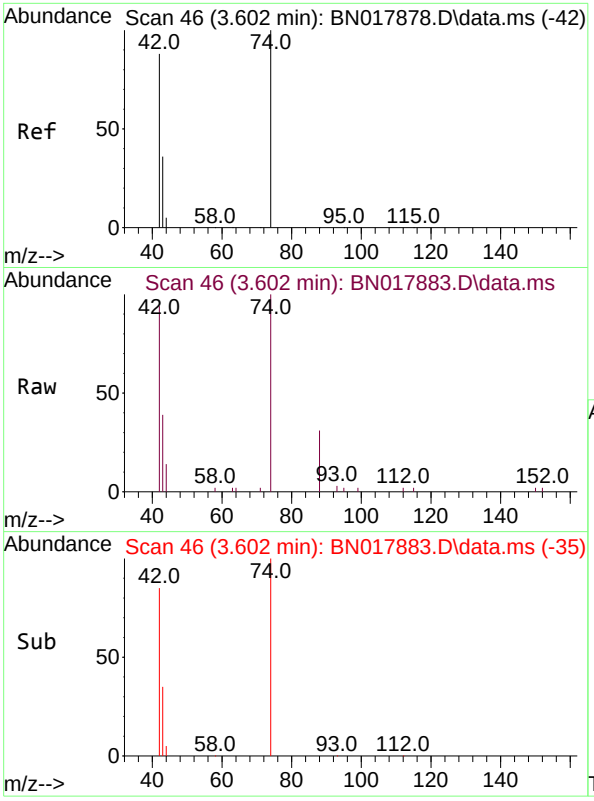


#2
1,4-Dioxane
Concen: 0.400 ng
RT: 3.261 min Scan# 9
Delta R.T. -0.009 min
Lab File: BN017883.D
Acq: 10 Dec 2021 23:05

Tgt Ion: 88 Resp: 2873

Ion	Ratio	Lower	Upper
88	100		
43	33.9	28.0	42.0
58	81.3	65.4	98.0



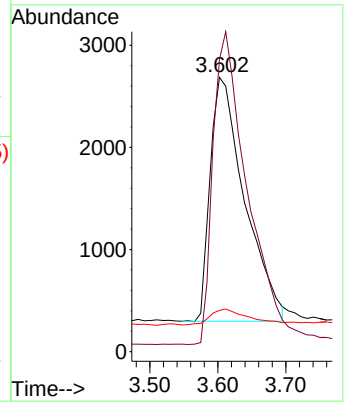


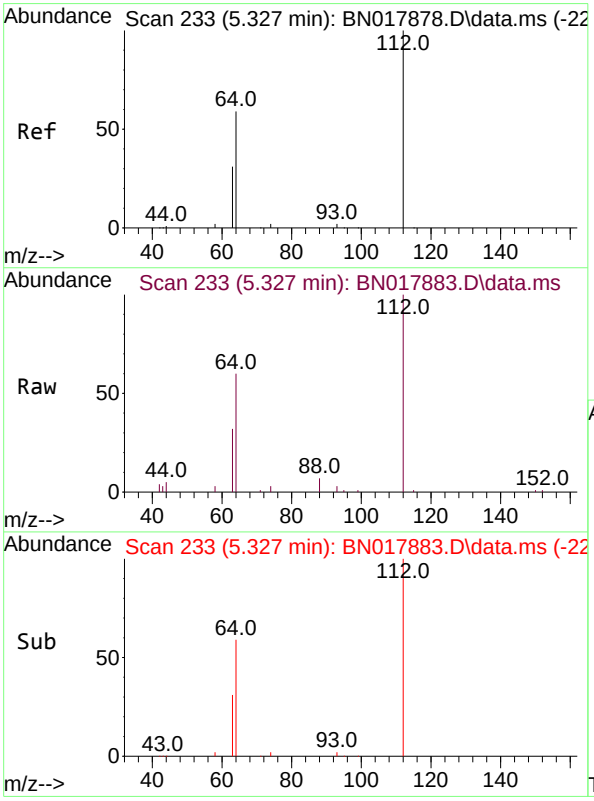
#3
n-Nitrosodimethylamine
Concen: 0.389 ng
RT: 3.602 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN017883.D
Acq: 10 Dec 2021 23:05

Instrument :
BNA_N
ClientSampleId :
ICVBN121121

Tgt Ion: 42 Resp: 8443

Ion	Ratio	Lower	Upper
42	100		
74	126.6	100.6	150.8
44	7.3	5.2	7.8

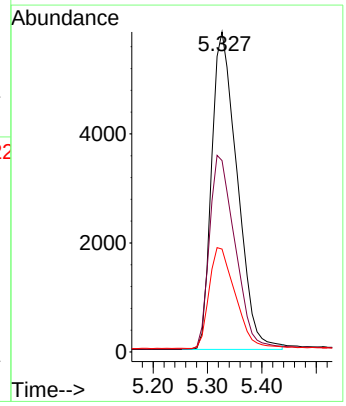


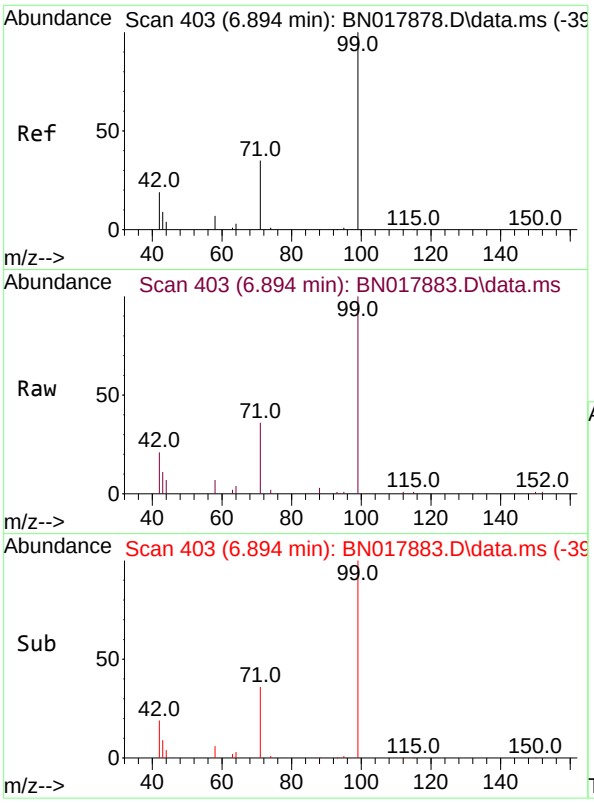


#4
2-Fluorophenol
Concen: 0.389 ng
RT: 5.327 min Scan# 233
Delta R.T. 0.000 min
Lab File: BN017883.D
Acq: 10 Dec 2021 23:05

Tgt Ion:112 Resp: 19000

Ion	Ratio	Lower	Upper
112	100		
64	61.2	49.0	73.4
63	32.6	26.2	39.2



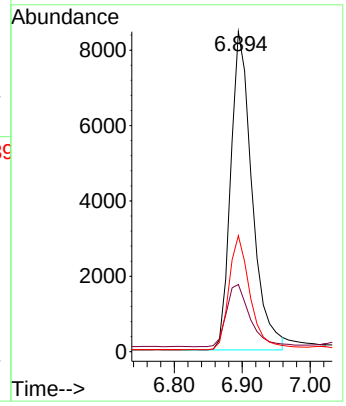


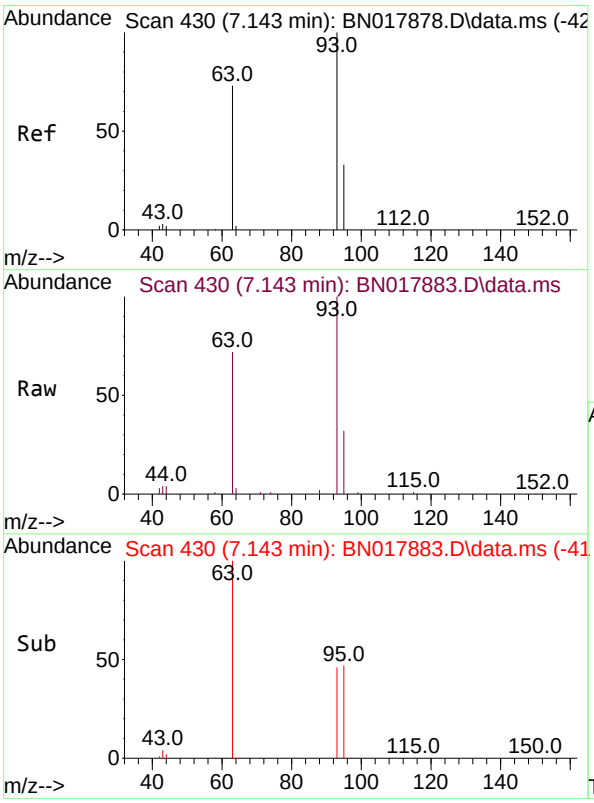
#5
Phenol-d6
Concen: 0.381 ng
RT: 6.894 min Scan# 4(
Delta R.T. 0.000 min
Lab File: BN017883.D
Acq: 10 Dec 2021 23:05

Instrument :
BNA_N
ClientSampleId :
ICVBN121121

Tgt Ion: 99 Resp: 18449

Ion	Ratio	Lower	Upper
99	100		
42	21.4	17.0	25.4
71	35.3	28.0	42.0

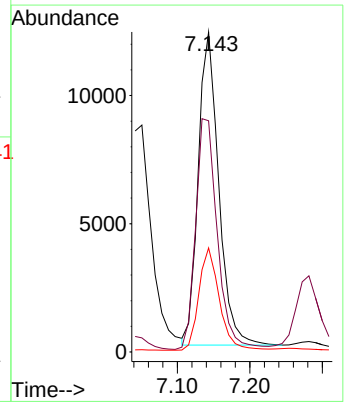


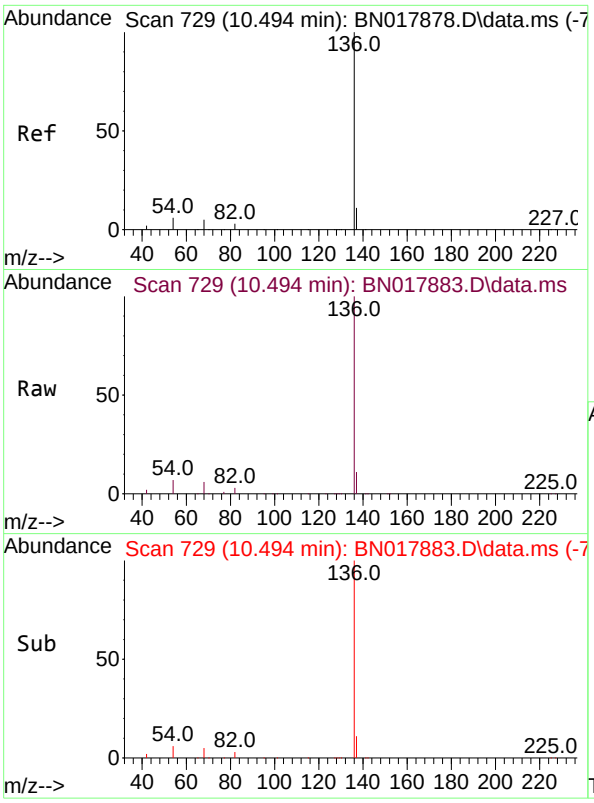


#6
bis(2-Chloroethyl)ether
Concen: 0.404 ng
RT: 7.143 min Scan# 430
Delta R.T. 0.000 min
Lab File: BN017883.D
Acq: 10 Dec 2021 23:05

Tgt Ion: 93 Resp: 23986

Ion	Ratio	Lower	Upper
93	100		
63	78.3	62.0	93.0
95	32.6	26.2	39.4



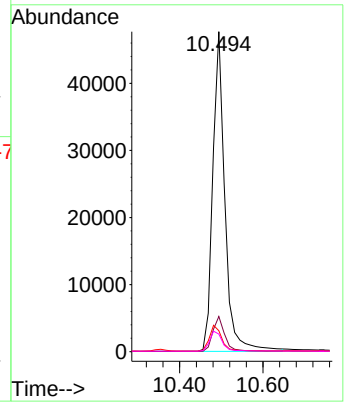


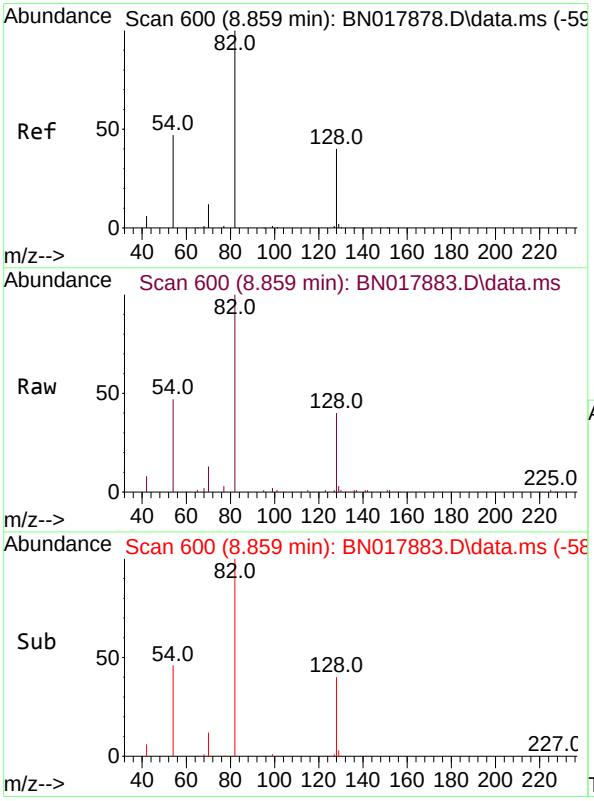
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 7
Delta R.T. 0.000 min
Lab File: BN017883.D
Acq: 10 Dec 2021 23:05

Instrument :
BNA_N
ClientSampleId :
ICVBN121121

Tgt Ion:136 Resp: 95904

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	6.6	5.1	7.7
68	5.5	4.4	6.6

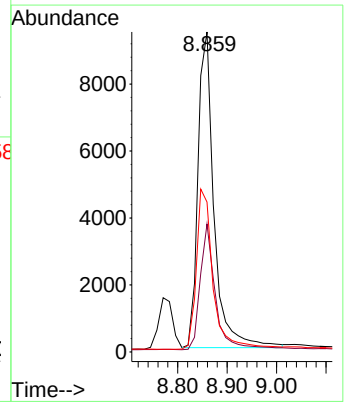


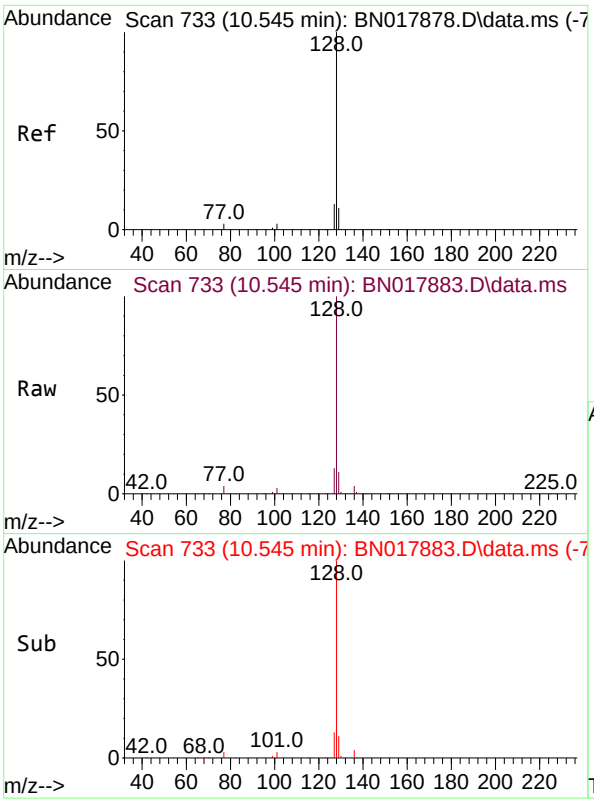


#8
Nitrobenzene-d5
Concen: 0.341 ng
RT: 8.859 min Scan# 600
Delta R.T. 0.000 min
Lab File: BN017883.D
Acq: 10 Dec 2021 23:05

Tgt Ion: 82 Resp: 21351

Ion	Ratio	Lower	Upper
82	100		
128	40.0	32.2	48.4
54	46.9	37.6	56.4



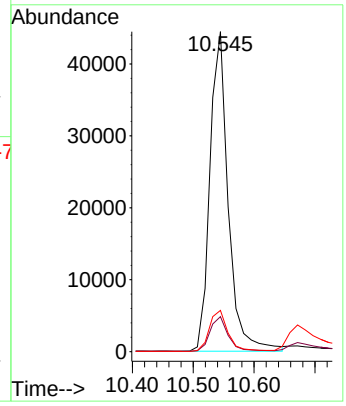


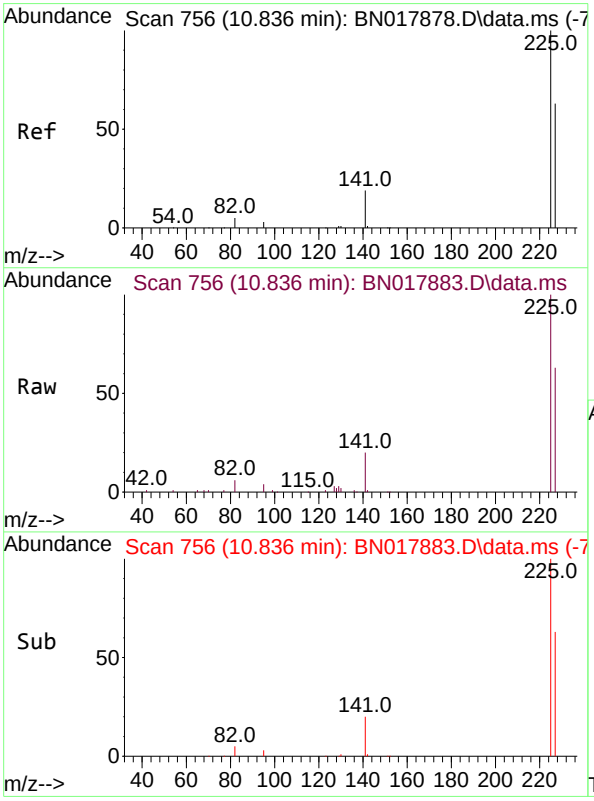
#9
Naphthalene
Concen: 0.390 ng
RT: 10.545 min Scan# 7
Delta R.T. -0.000 min
Lab File: BN017883.D
Acq: 10 Dec 2021 23:05

Instrument :
BNA_N
ClientSampleId :
ICVBN121121

Tgt Ion:128 Resp: 93018

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	12.9	10.5	15.7

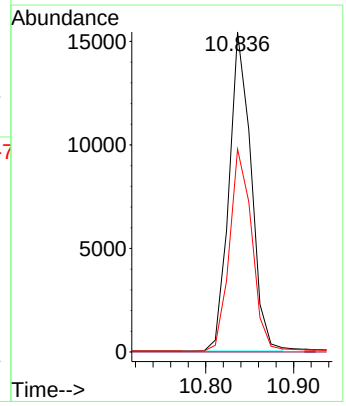


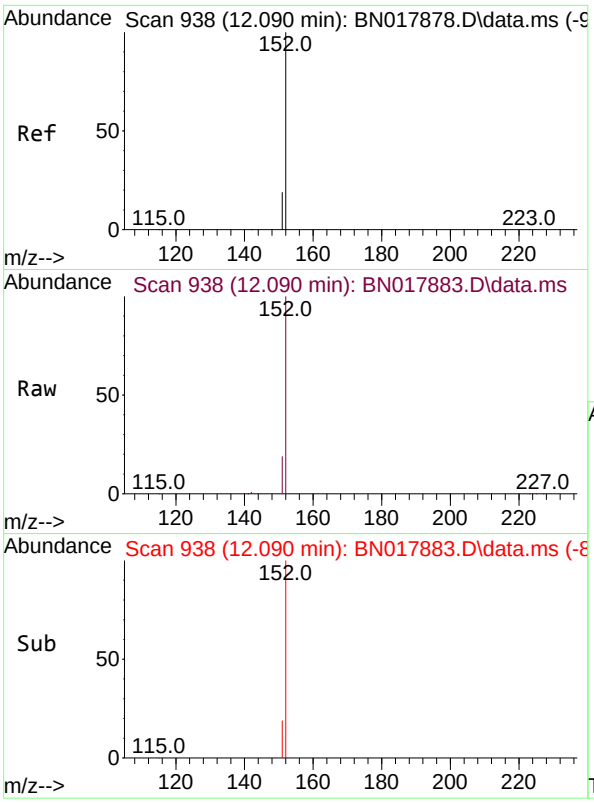


#10
Hexachlorobutadiene
Concen: 0.394 ng
RT: 10.836 min Scan# 756
Delta R.T. 0.000 min
Lab File: BN017883.D
Acq: 10 Dec 2021 23:05

Tgt Ion:225 Resp: 26774

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.2	51.1	76.7



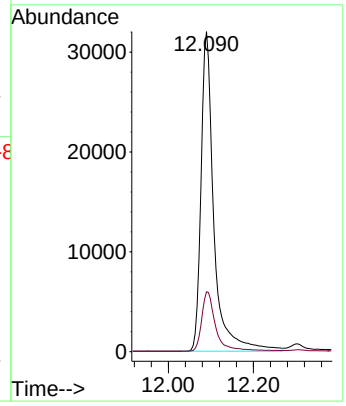


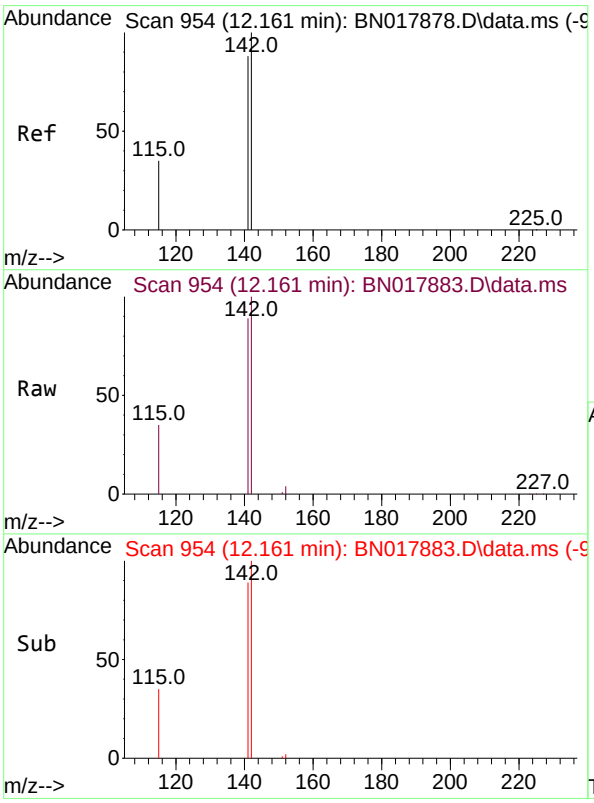
#11
2-Methylnaphthalene-d10
Concen: 0.398 ng
RT: 12.090 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN017883.D
Acq: 10 Dec 2021 23:05

Instrument :
BNA_N
ClientSampleId :
ICVBN121121

Tgt Ion:152 Resp: 67178

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.4	24.6

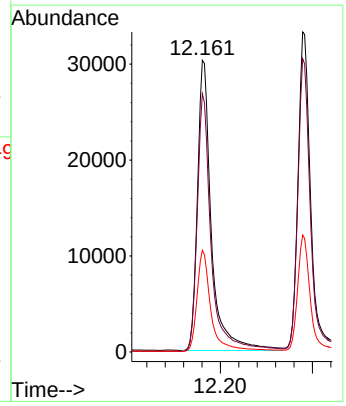


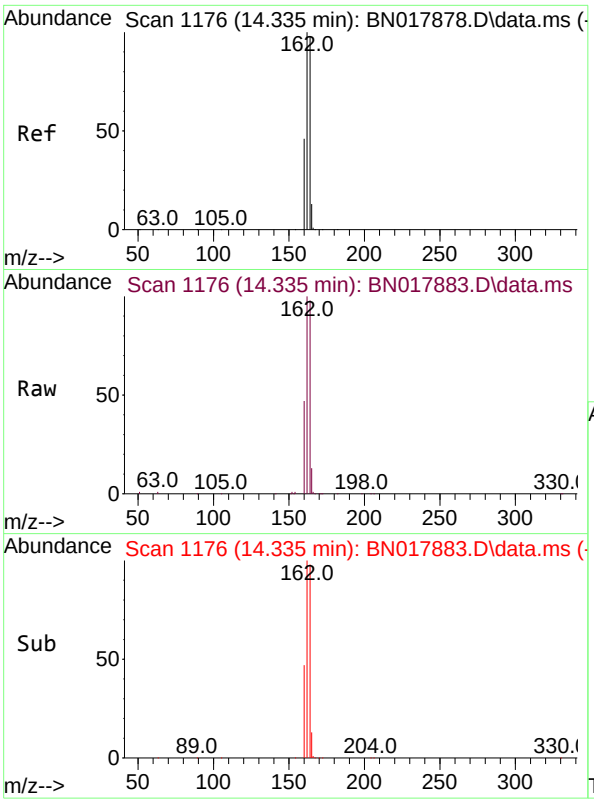


#12
2-Methylnaphthalene
Concen: 0.403 ng
RT: 12.161 min Scan# 954
Delta R.T. 0.000 min
Lab File: BN017883.D
Acq: 10 Dec 2021 23:05

Tgt Ion:142 Resp: 63974

Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.6	105.8
115	34.9	27.8	41.6



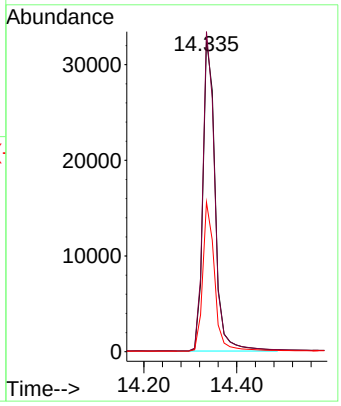


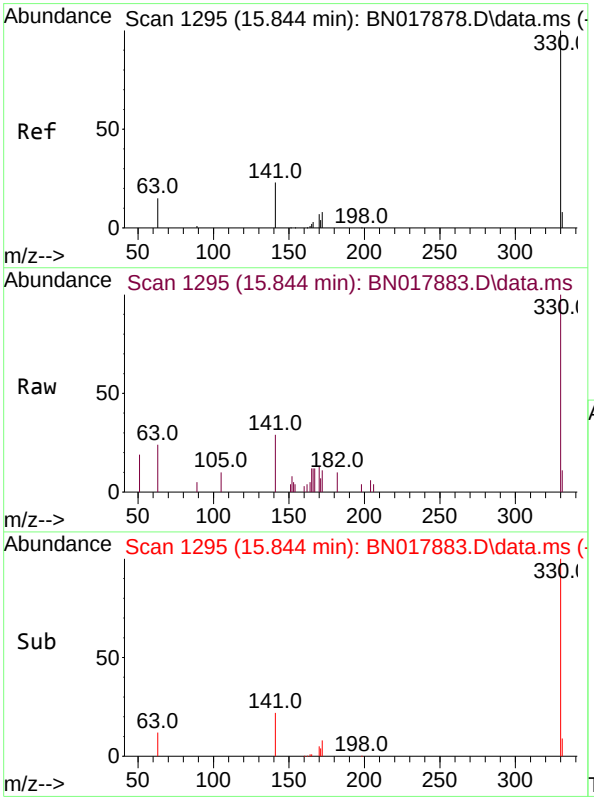
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.335 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN017883.D
Acq: 10 Dec 2021 23:05

Instrument :
BNA_N
ClientSampleId :
ICVBN121121

Tgt Ion:164 Resp: 59850

Ion	Ratio	Lower	Upper
164	100		
162	102.5	82.1	123.1
160	47.9	38.2	57.2

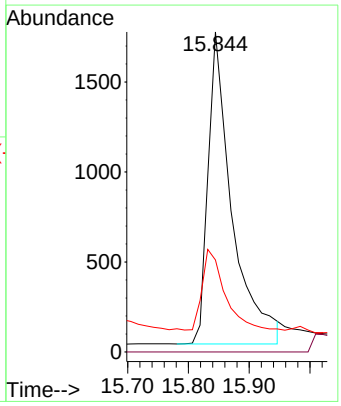


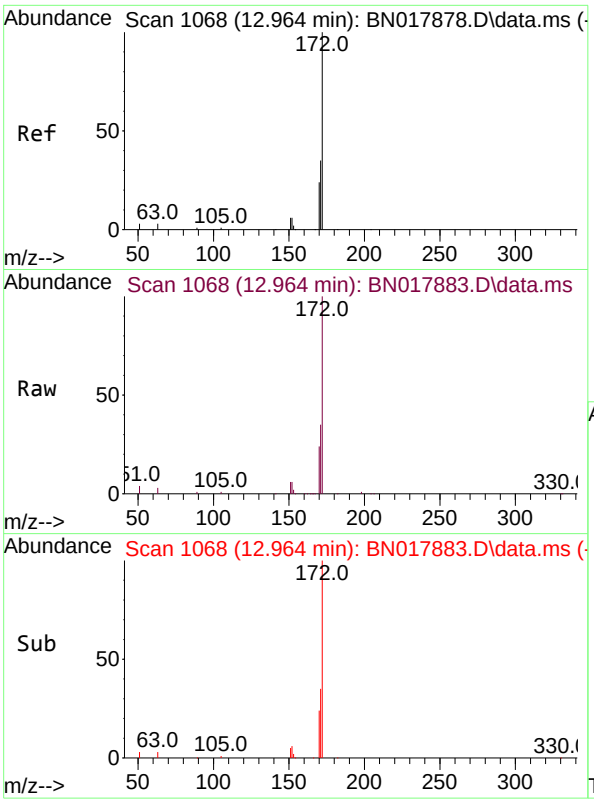


#14
2,4,6-Tribromophenol
Concen: 0.478 ng
RT: 15.844 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BN017883.D
Acq: 10 Dec 2021 23:05

Tgt Ion:330 Resp: 4737

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	24.3	19.7	29.5



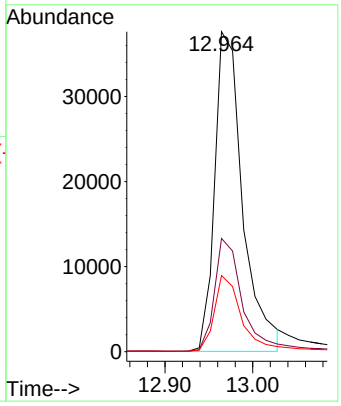


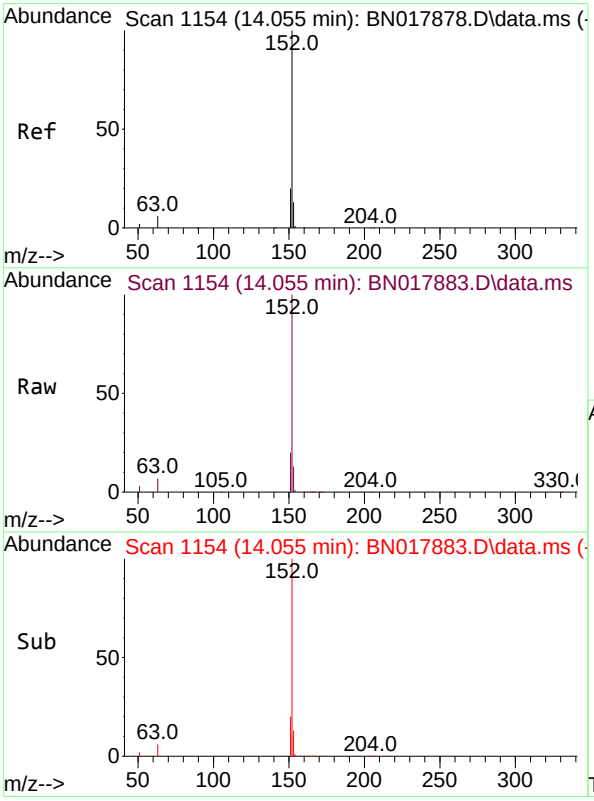
#15
2-Fluorobiphenyl
Concen: 0.395 ng
RT: 12.964 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN017883.D
Acq: 10 Dec 2021 23:05

Instrument :
BNA_N
ClientSampleId :
ICVBN121121

Tgt Ion:172 Resp: 83202

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.3	42.5
170	23.8	19.1	28.7

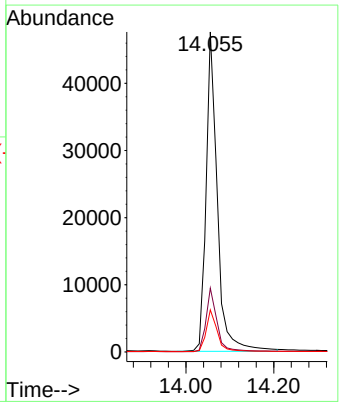


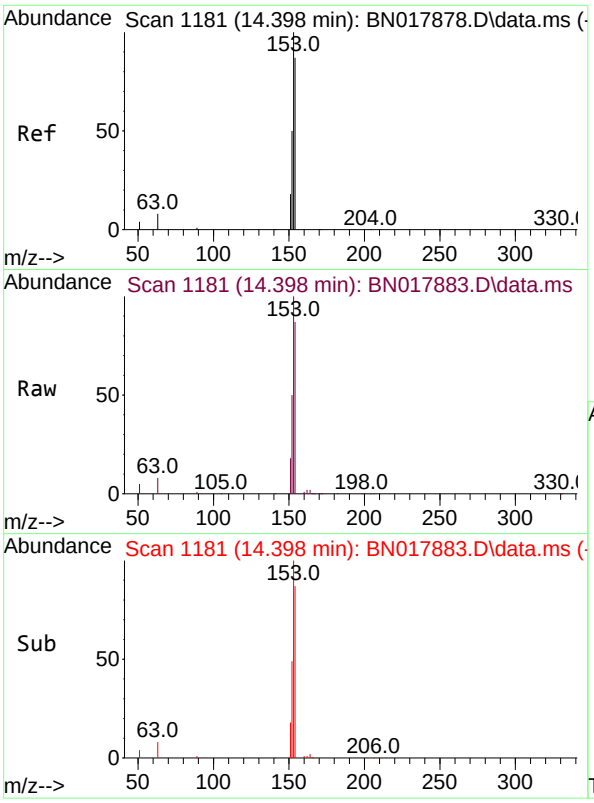


#16
Acenaphthylene
Concen: 0.377 ng
RT: 14.055 min Scan# 1154
Delta R.T. 0.000 min
Lab File: BN017883.D
Acq: 10 Dec 2021 23:05

Tgt Ion:152 Resp: 84351

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.6	23.4
153	13.1	10.5	15.7



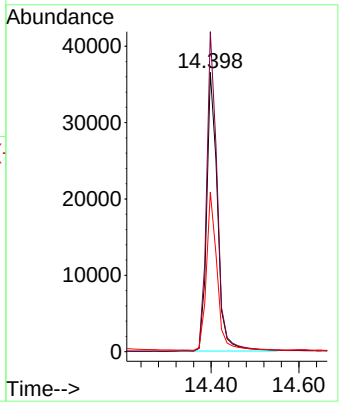


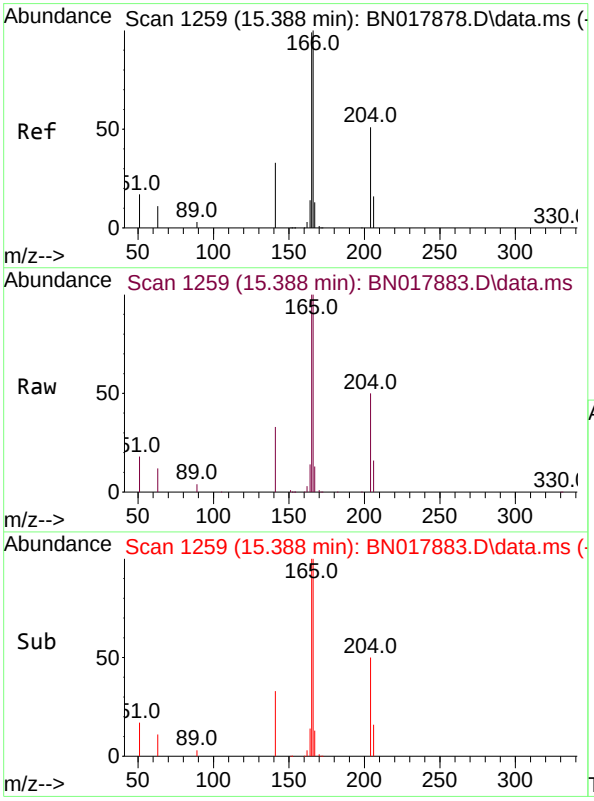
#17
Acenaphthene
Concen: 0.398 ng
RT: 14.398 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN017883.D
Acq: 10 Dec 2021 23:05

Instrument :
BNA_N
ClientSampleId :
ICVBN121121

Tgt Ion:154 Resp: 61832

Ion	Ratio	Lower	Upper
154	100		
153	113.2	89.8	134.8
152	55.4	44.2	66.2

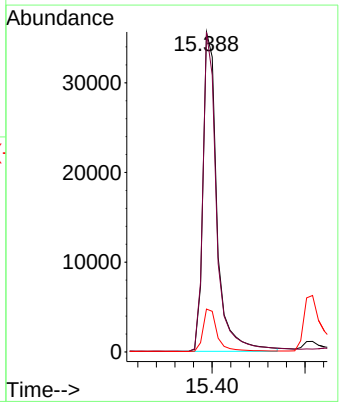


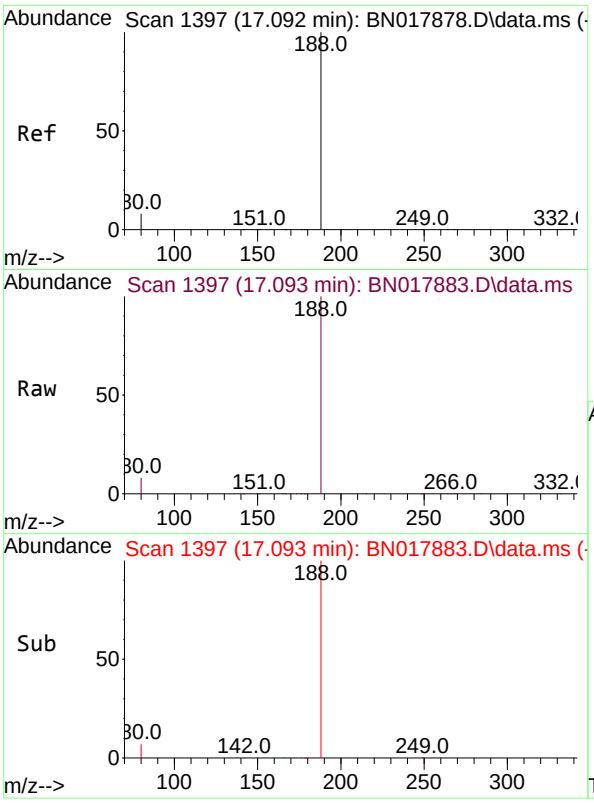


#18
Fluorene
Concen: 0.398 ng
RT: 15.388 min Scan# 1259
Delta R.T. 0.000 min
Lab File: BN017883.D
Acq: 10 Dec 2021 23:05

Tgt Ion:166 Resp: 75211

Ion	Ratio	Lower	Upper
166	100		
165	97.1	77.5	116.3
167	13.5	10.8	16.2



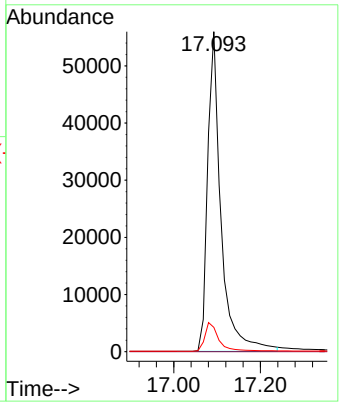


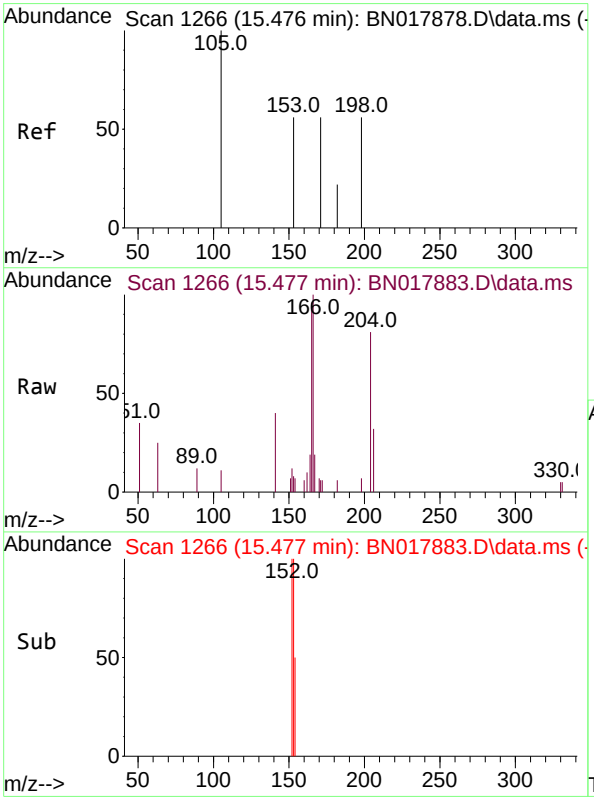
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.093 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN017883.D
Acq: 10 Dec 2021 23:05

Instrument :
BNA_N
ClientSampleId :
ICVBN121121

Tgt Ion:188 Resp: 119492

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.6	6.2	9.2

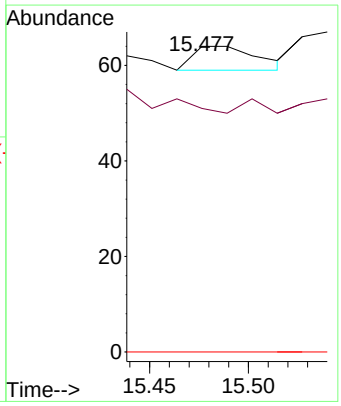


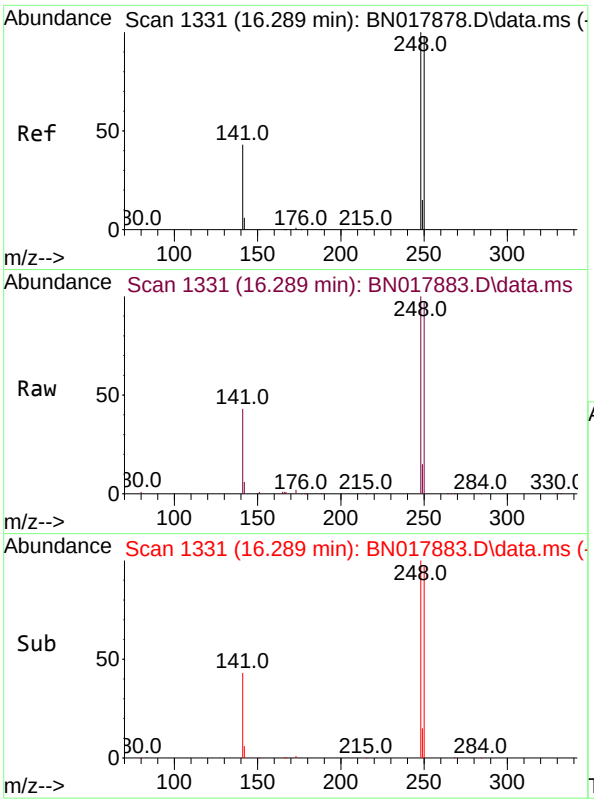


#20
4,6-Dinitro-2-methylphenol
Concen: Below Cal
RT: 15.477 min Scan# 1266
Delta R.T. 0.000 min
Lab File: BN017883.D
Acq: 10 Dec 2021 23:05

Tgt Ion:198 Resp: 11

Ion	Ratio	Lower	Upper
198	100		
182	79.7	70.8	106.2
77	0.0	0.0	0.0



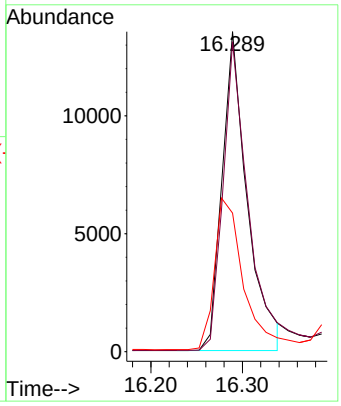


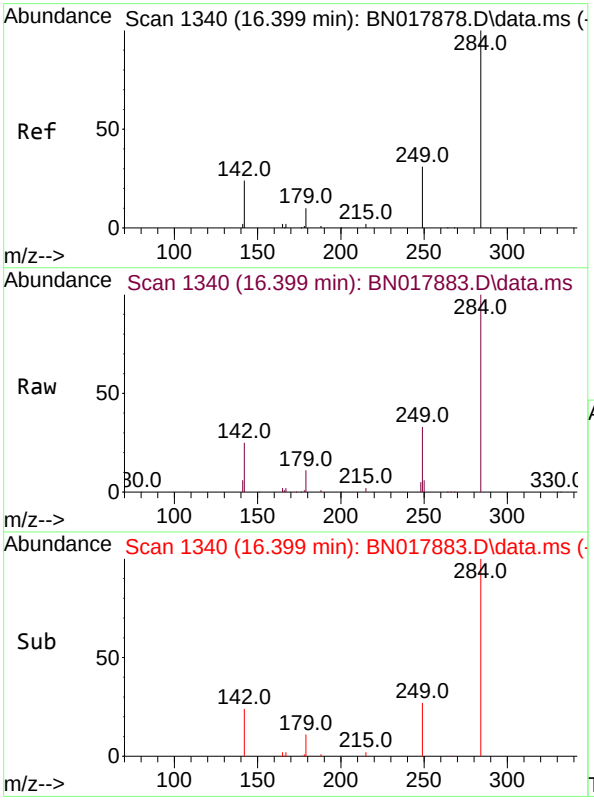
#21
4-Bromophenyl-phenylether
Concen: 0.377 ng
RT: 16.289 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN017883.D
Acq: 10 Dec 2021 23:05

Instrument :
BNA_N
ClientSampleId :
ICVBN121121

Tgt Ion:248 Resp: 25812

Ion	Ratio	Lower	Upper
248	100		
250	96.9	78.6	117.8
141	43.3	34.6	51.8

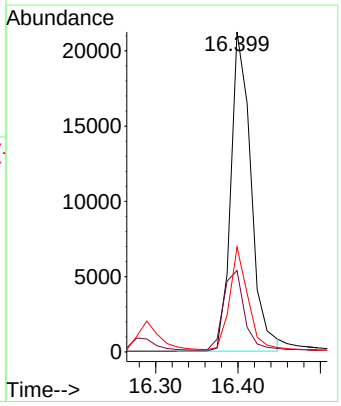


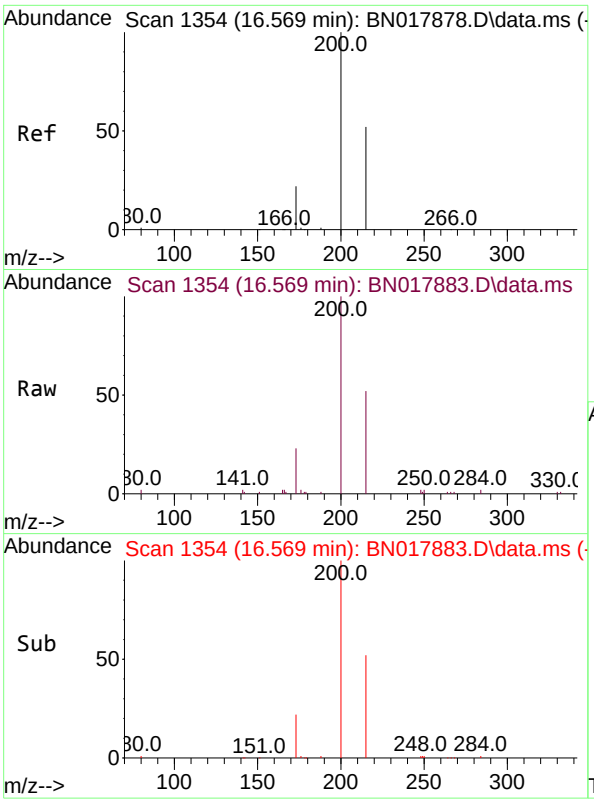


#22
Hexachlorobenzene
Concen: 0.403 ng
RT: 16.399 min Scan# 1340
Delta R.T. 0.000 min
Lab File: BN017883.D
Acq: 10 Dec 2021 23:05

Tgt Ion:284 Resp: 35959

Ion	Ratio	Lower	Upper
284	100		
142	26.1	21.2	31.8
249	28.9	23.2	34.8



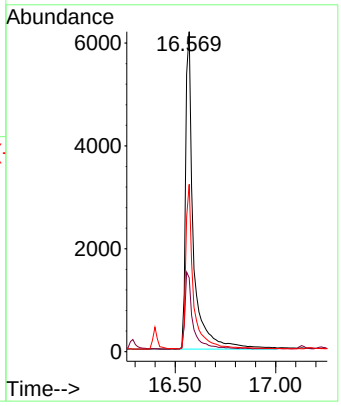


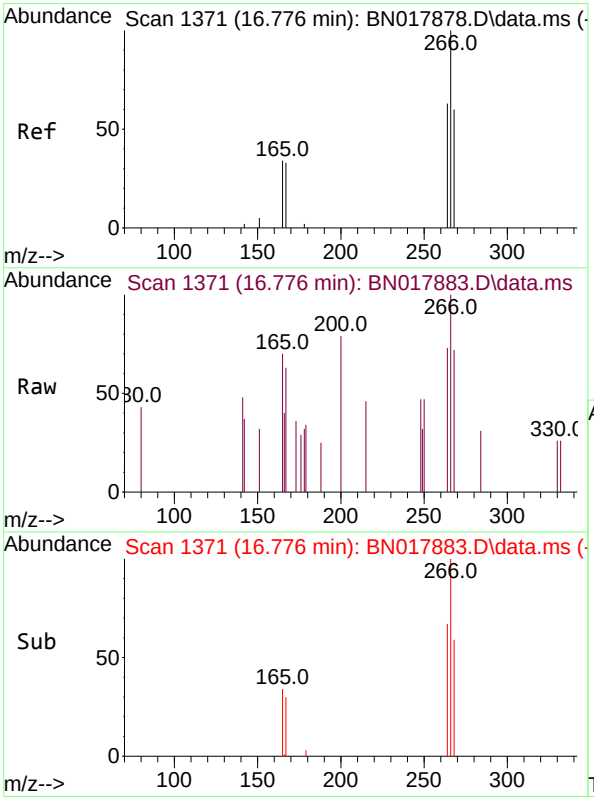
#23
Atrazine
Concen: 0.379 ng
RT: 16.569 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN017883.D
Acq: 10 Dec 2021 23:05

Instrument :
BNA_N
ClientSampleId :
ICVBN121121

Tgt Ion:200 Resp: 16886

Ion	Ratio	Lower	Upper
200	100		
173	23.1	18.2	27.2
215	52.3	41.8	62.8

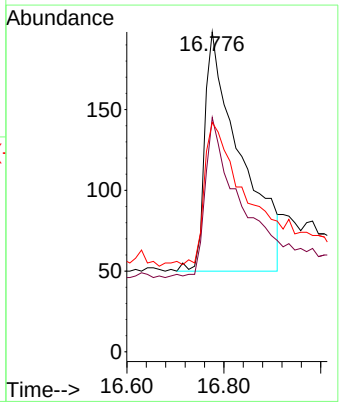


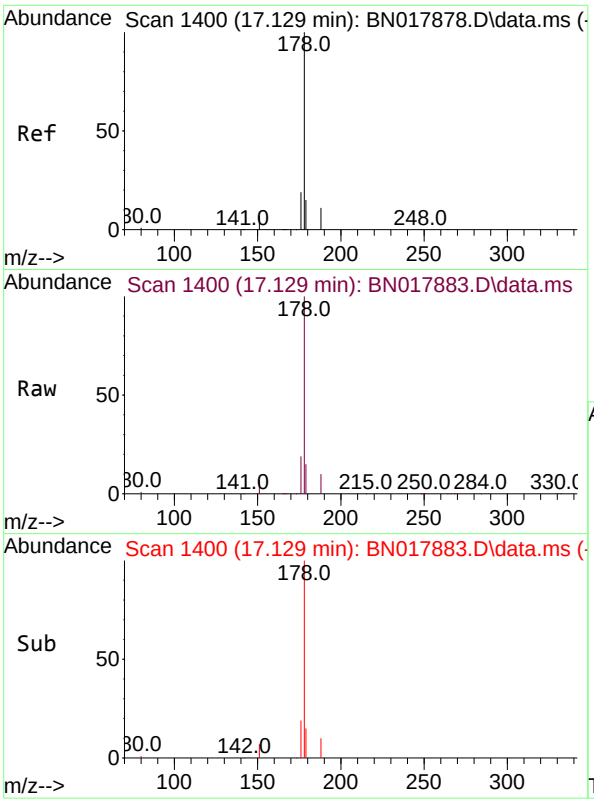


#24
Pentachlorophenol
Concen: 0.384 ng
RT: 16.776 min Scan# 1371
Delta R.T. 0.000 min
Lab File: BN017883.D
Acq: 10 Dec 2021 23:05

Tgt Ion:266 Resp: 761

Ion	Ratio	Lower	Upper
266	100		
264	65.6	50.6	76.0
268	68.7	53.7	80.5



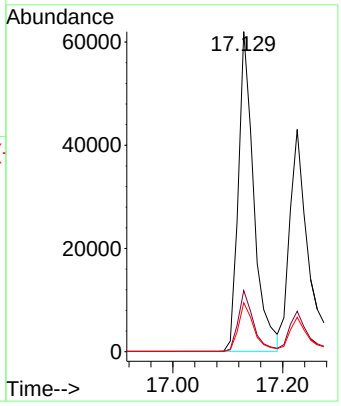


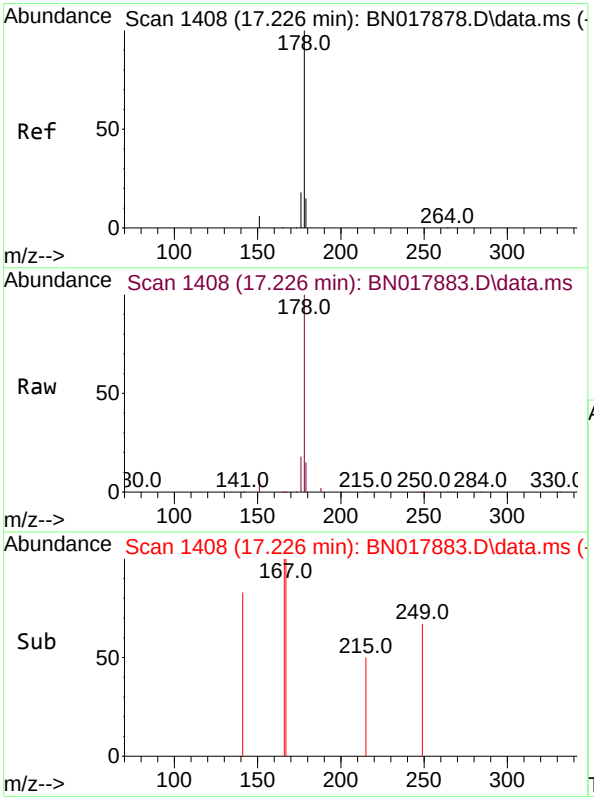
#25
Phenanthrene
Concen: 0.395 ng
RT: 17.129 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN017883.D
Acq: 10 Dec 2021 23:05

Instrument :
BNA_N
ClientSampleId :
ICVBN121121

Tgt Ion:178 Resp: 120653

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.6
179	15.4	12.4	18.6

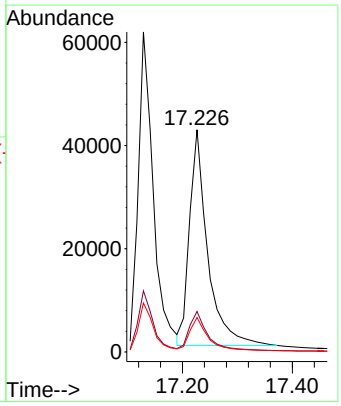


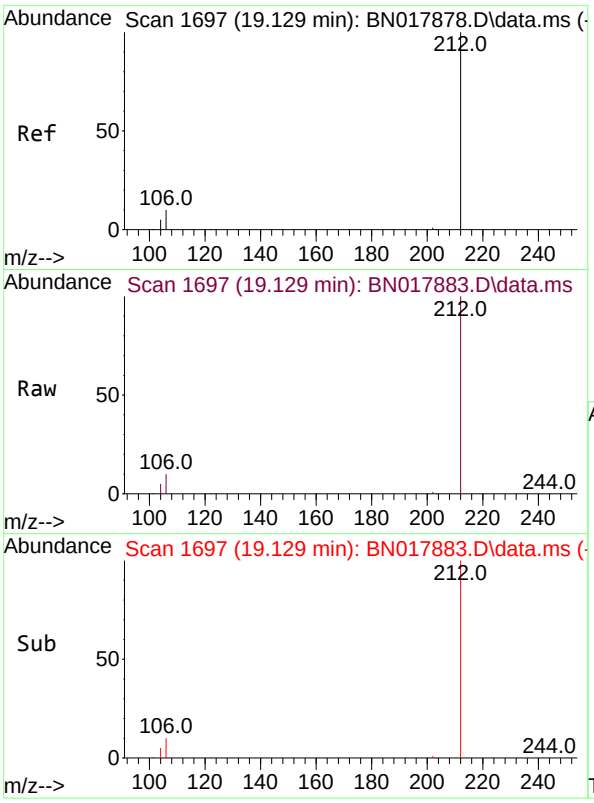


#26
Anthracene
Concen: 0.377 ng
RT: 17.226 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BN017883.D
Acq: 10 Dec 2021 23:05

Tgt Ion:178 Resp: 95984

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.3	21.5
179	15.3	12.2	18.4



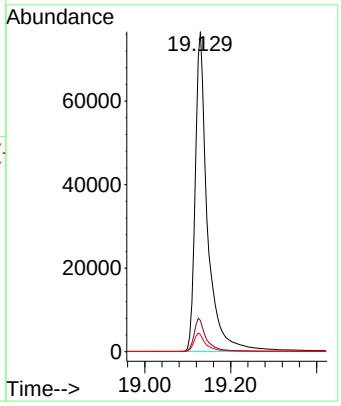


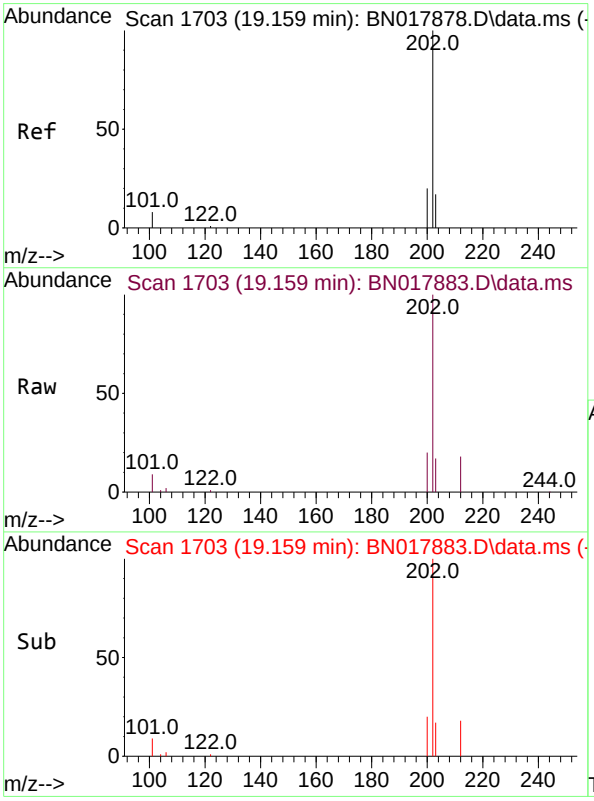
#27
Fluoranthene-d10
Concen: 0.390 ng
RT: 19.129 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN017883.D
Acq: 10 Dec 2021 23:05

Instrument :
BNA_N
ClientSampleId :
ICVBN121121

Tgt Ion:212 Resp: 151041

Ion	Ratio	Lower	Upper
212	100		
106	10.4	8.3	12.5
104	5.7	4.6	6.8

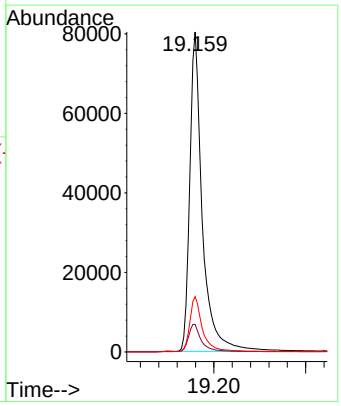


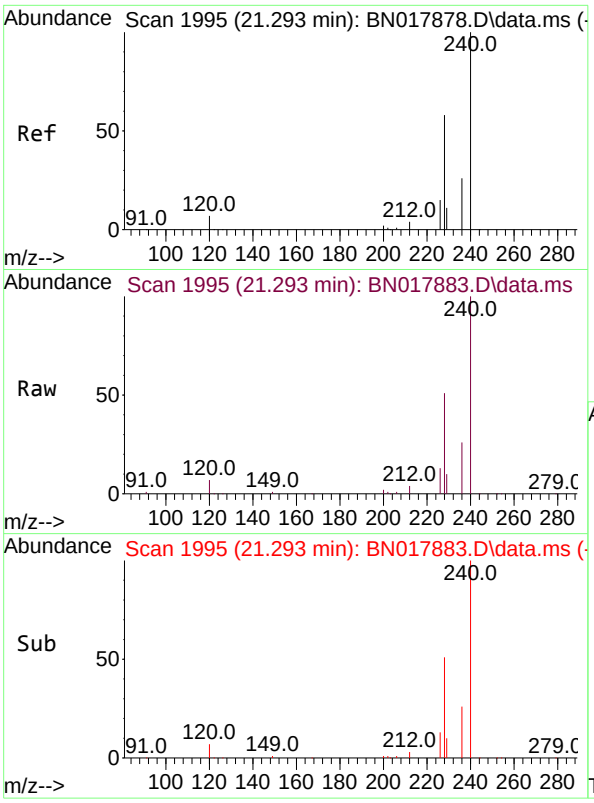


#28
Fluoranthene
Concen: 0.406 ng
RT: 19.159 min Scan# 1703
Delta R.T. 0.000 min
Lab File: BN017883.D
Acq: 10 Dec 2021 23:05

Tgt Ion:202 Resp: 152521

Ion	Ratio	Lower	Upper
202	100		
101	9.1	7.3	10.9
203	17.0	13.7	20.5



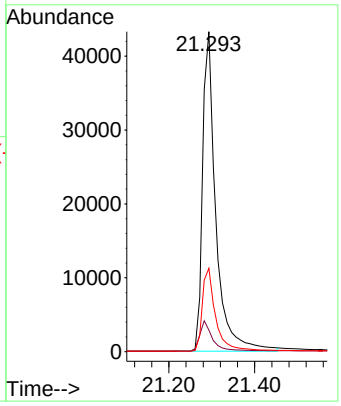


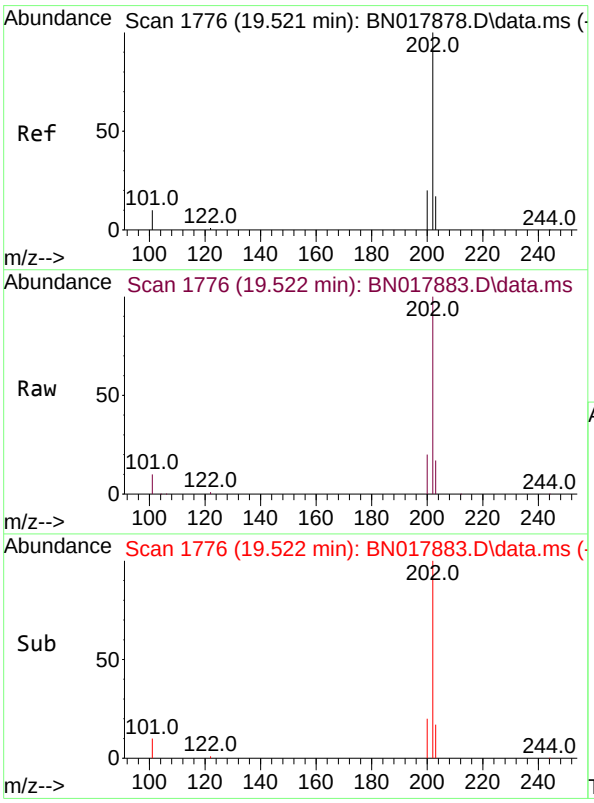
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.293 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN017883.D
Acq: 10 Dec 2021 23:05

Instrument :
BNA_N
ClientSampleId :
ICVBN121121

Tgt Ion:240 Resp: 92914

Ion	Ratio	Lower	Upper
240	100		
120	6.8	5.8	8.8
236	26.1	21.0	31.6

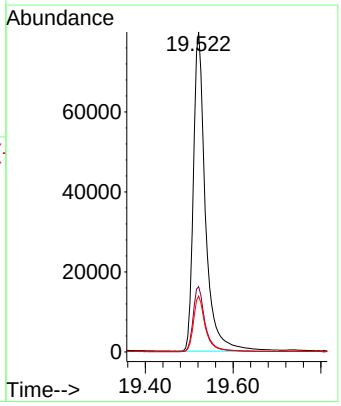


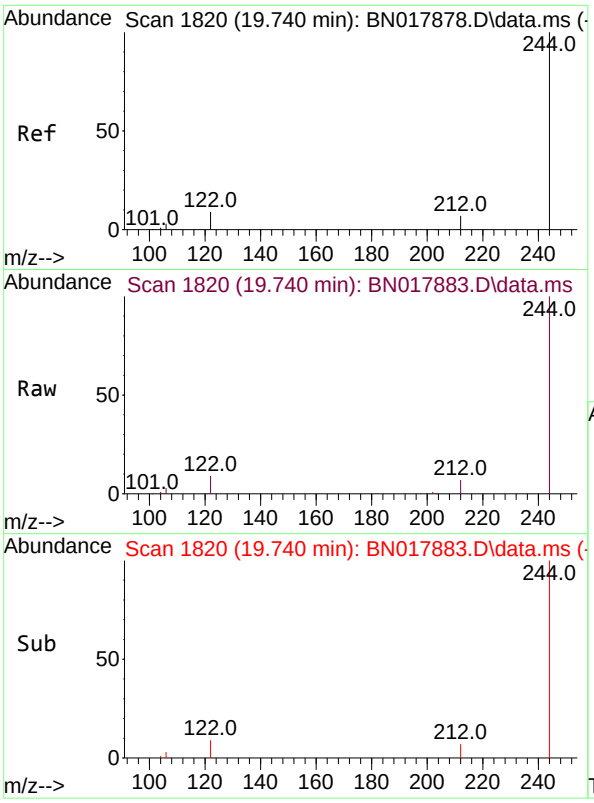


#30
Pyrene
Concen: 0.417 ng
RT: 19.522 min Scan# 1776
Delta R.T. 0.000 min
Lab File: BN017883.D
Acq: 10 Dec 2021 23:05

Tgt Ion:202 Resp: 152096

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



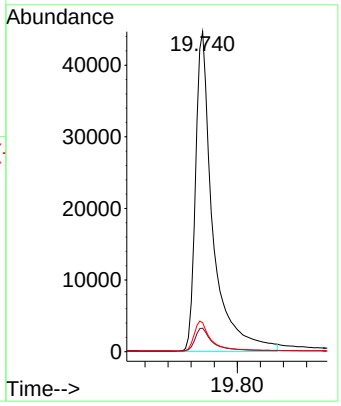


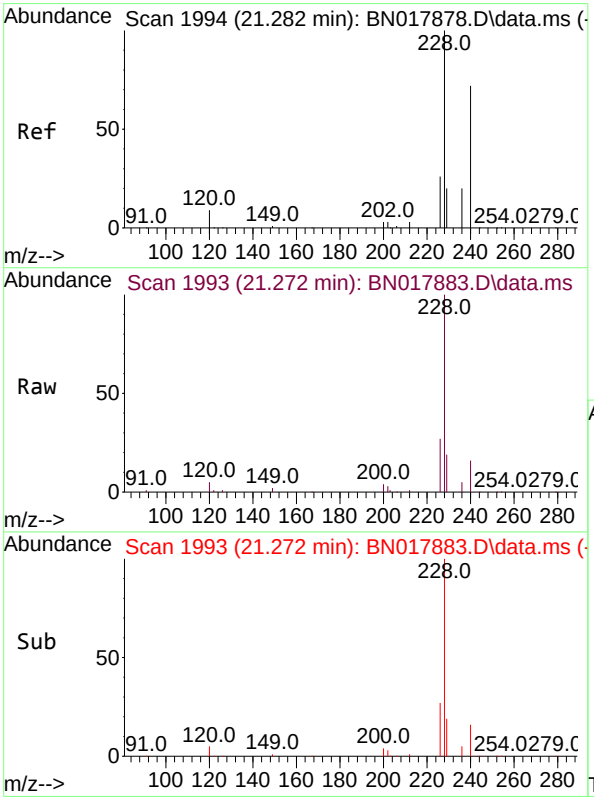
#31
Terphenyl-d14
Concen: 0.408 ng
RT: 19.740 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN017883.D
Acq: 10 Dec 2021 23:05

Instrument :
BNA_N
ClientSampleId :
ICVBN121121

Tgt Ion:244 Resp: 93368

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.2	9.2
122	9.1	7.5	11.3

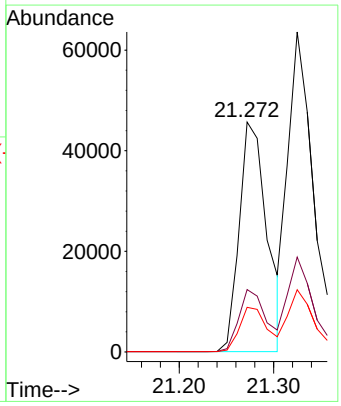


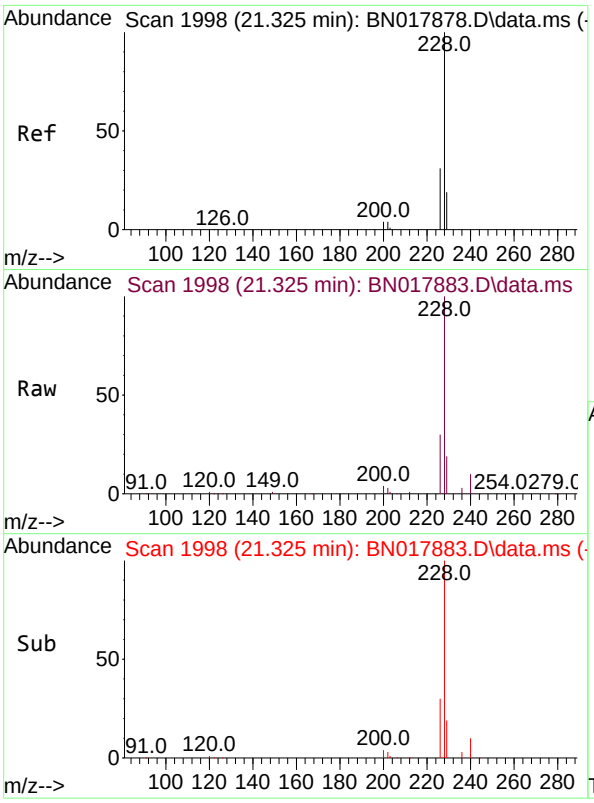


#32
Benzo(a)anthracene
Concen: 0.363 ng
RT: 21.272 min Scan# 1993
Delta R.T. -0.010 min
Lab File: BN017883.D
Acq: 10 Dec 2021 23:05

Tgt Ion:228 Resp: 93328

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.0	31.4
229	19.4	15.8	23.8



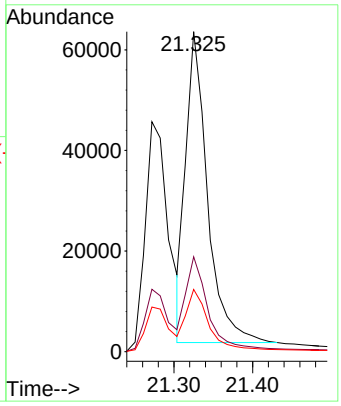


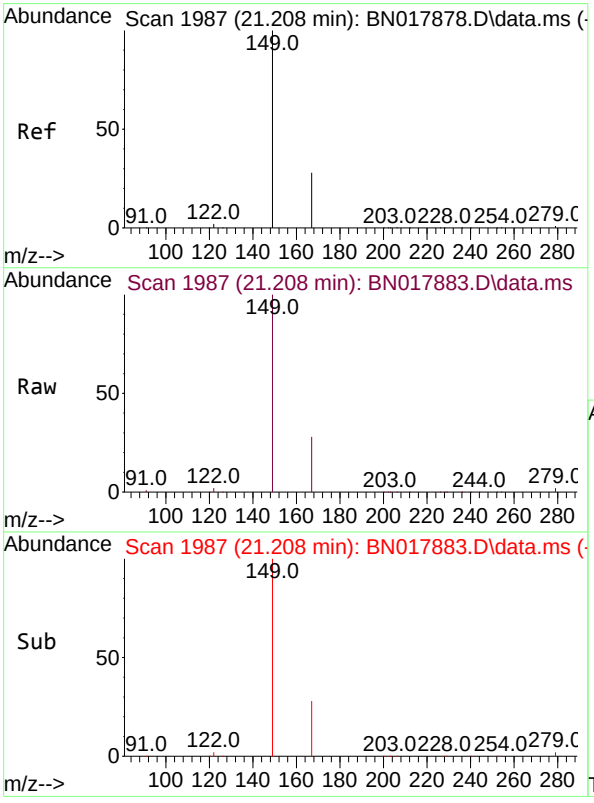
#33
Chrysene
Concen: 0.387 ng
RT: 21.325 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN017883.D
Acq: 10 Dec 2021 23:05

Instrument :
BNA_N
ClientSampleId :
ICVBN121121

Tgt Ion:228 Resp: 117986

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.8	35.8
229	19.4	15.6	23.4

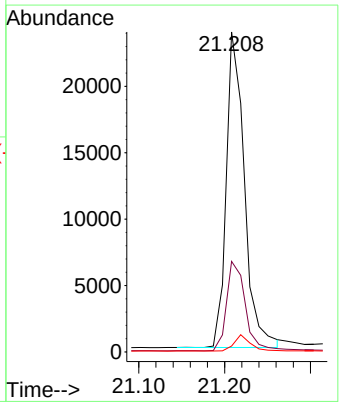


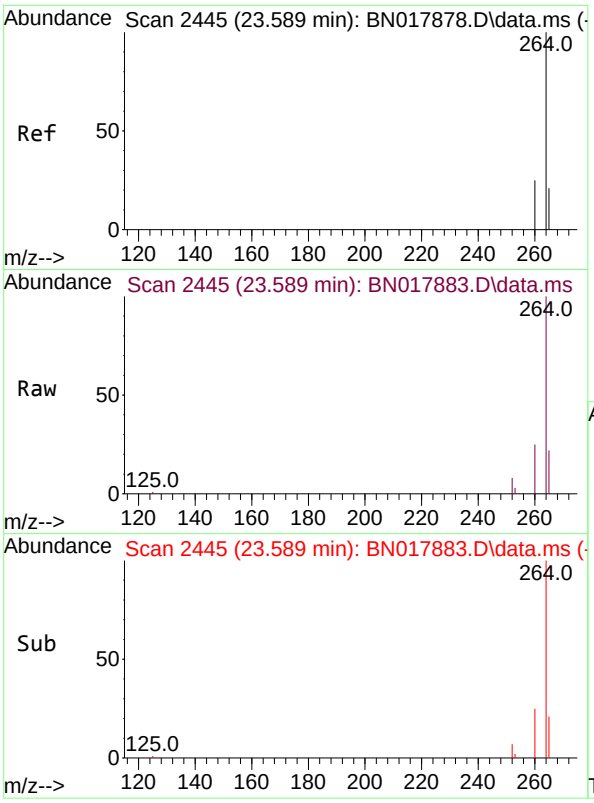


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.349 ng
RT: 21.208 min Scan# 1987
Delta R.T. 0.000 min
Lab File: BN017883.D
Acq: 10 Dec 2021 23:05

Tgt Ion:149 Resp: 34772

Ion	Ratio	Lower	Upper
149	100		
167	29.1	23.4	35.0
279	4.6	3.6	5.4



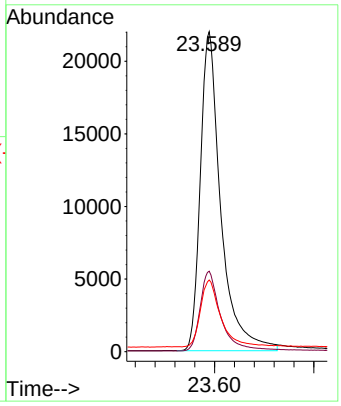


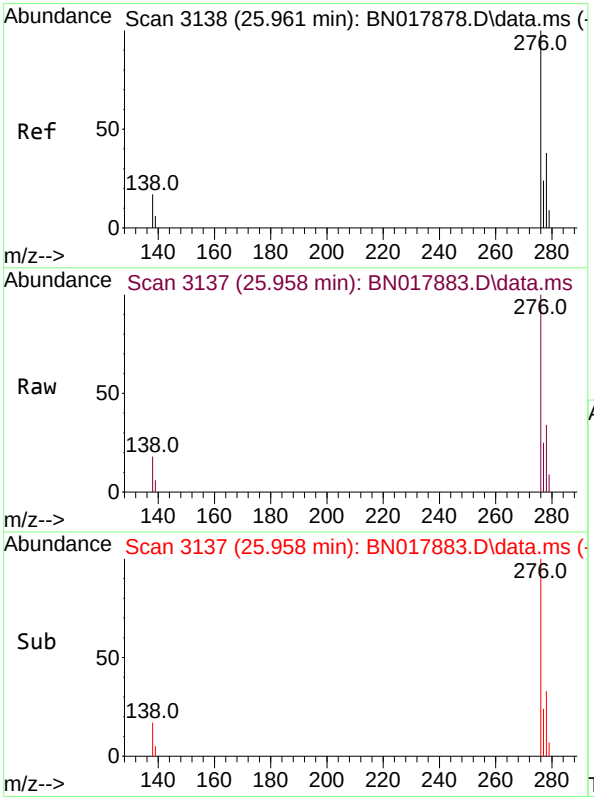
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.589 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN017883.D
Acq: 10 Dec 2021 23:05

Instrument :
BNA_N
ClientSampleId :
ICVBN121121

Tgt Ion:264 Resp: 62754

Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.2	30.4
265	22.4	18.2	27.4

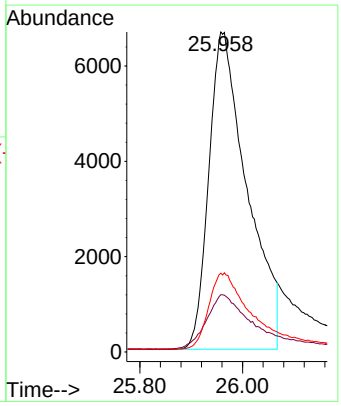


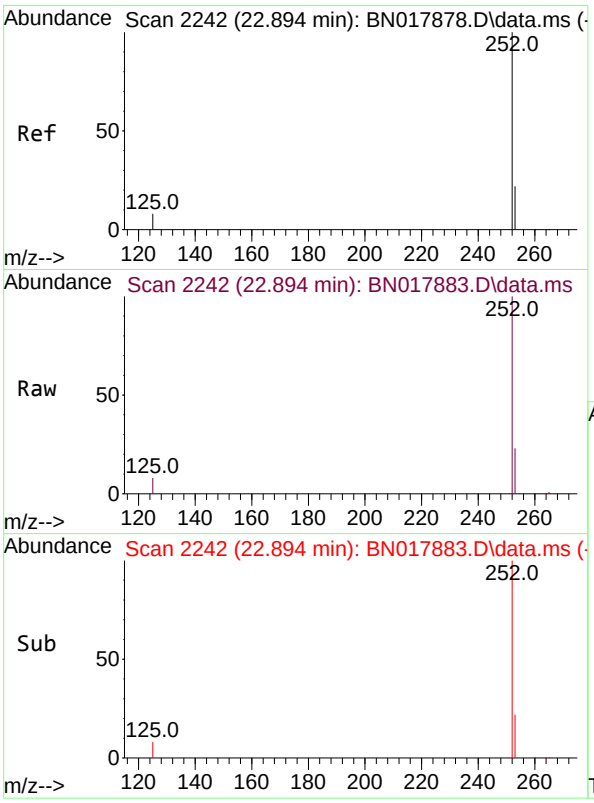


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.349 ng
RT: 25.958 min Scan# 3137
Delta R.T. -0.003 min
Lab File: BN017883.D
Acq: 10 Dec 2021 23:05

Tgt Ion:276 Resp: 34456

Ion	Ratio	Lower	Upper
276	100		
138	18.7	15.2	22.8
277	9.1	19.8	29.6#



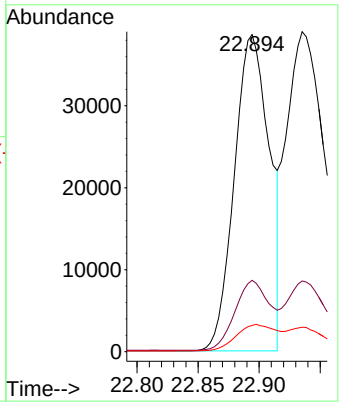


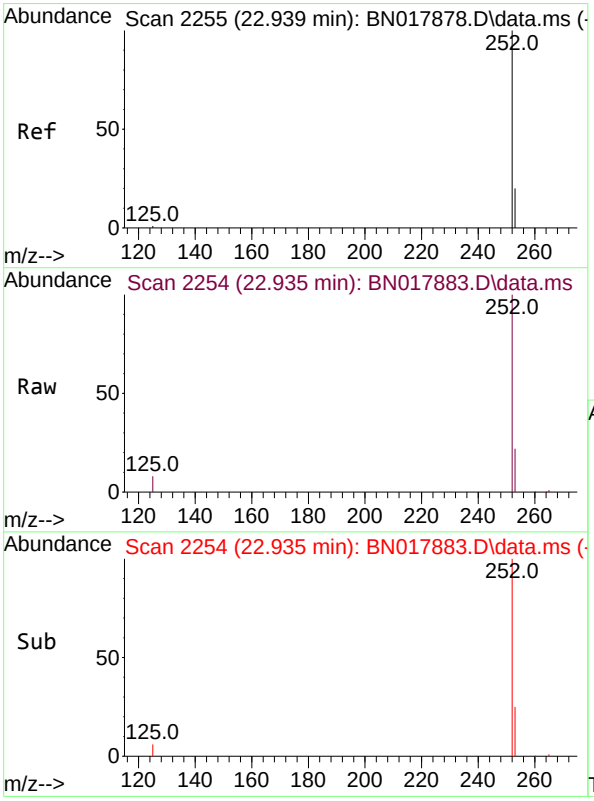
#37
Benzo(b)fluoranthene
Concen: 0.372 ng
RT: 22.894 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN017883.D
Acq: 10 Dec 2021 23:05

Instrument :
BNA_N
ClientSampleId :
ICVBN121121

Tgt Ion:252 Resp: 77090

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	8.3	6.8	10.2

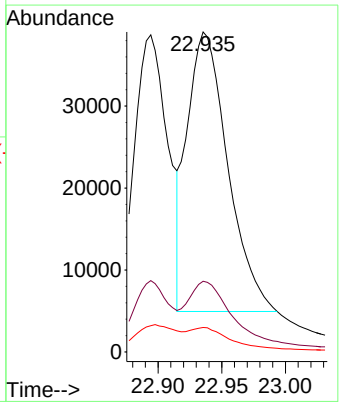


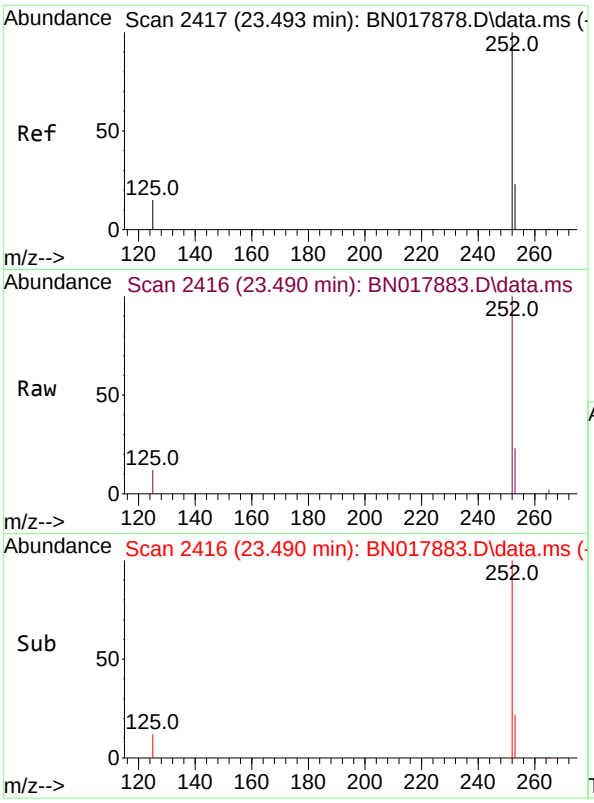


#38
Benzo(k)fluoranthene
Concen: 0.375 ng
RT: 22.935 min Scan# 2254
Delta R.T. -0.003 min
Lab File: BN017883.D
Acq: 10 Dec 2021 23:05

Tgt Ion:252 Resp: 75682

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	7.7	6.1	9.1



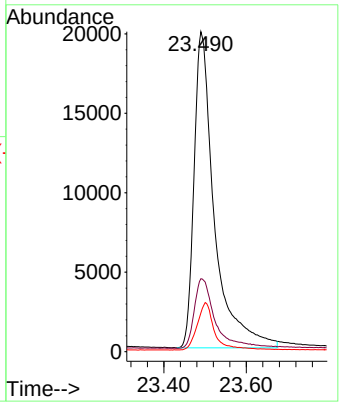


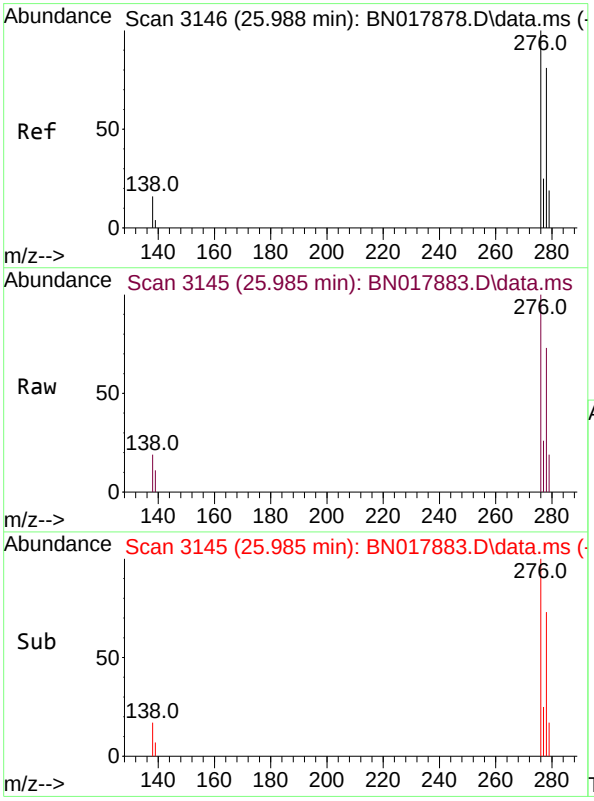
#39
Benzo(a)pyrene
Concen: 0.371 ng
RT: 23.490 min Scan# 24
Delta R.T. -0.003 min
Lab File: BN017883.D
Acq: 10 Dec 2021 23:05

Instrument :
BNA_N
ClientSampleId :
ICVBN121121

Tgt Ion:252 Resp: 68287

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.8	28.2
125	12.1	12.2	18.2#

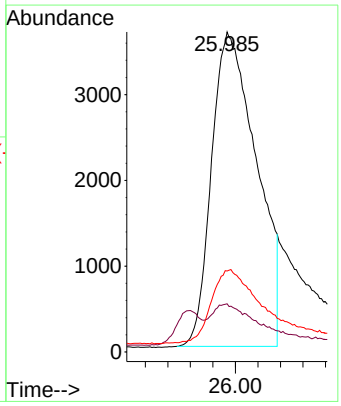


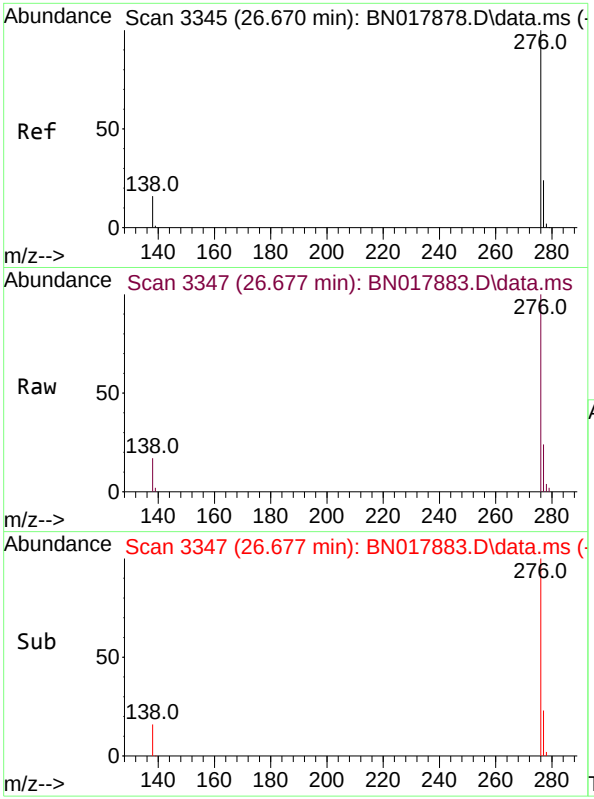


#40
Dibenzo(a,h)anthracene
Concen: 0.326 ng
RT: 25.985 min Scan# 3145
Delta R.T. -0.003 min
Lab File: BN017883.D
Acq: 10 Dec 2021 23:05

Tgt Ion:278 Resp: 20281

Ion	Ratio	Lower	Upper
278	100		
139	15.0	12.0	18.0
279	25.3	20.8	31.2





#41
Benzo(g,h,i)perylene
Concen: 0.355 ng
RT: 26.677 min Scan# 3
Delta R.T. 0.006 min
Lab File: BN017883.D
Acq: 10 Dec 2021 23:05

Instrument :
BNA_N
ClientSampleId :
ICVBN121121

Tgt Ion:276 Resp: 35365

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.6	29.4
138	16.9	13.8	20.8