Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030821\
Data File : BN013864.D
Acq On : 08 Mar 2021 09:46
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4

Quant Time: Mar 08 10:32:18 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN022421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 08 10:32:09 2021
Response via : Initial Calibration

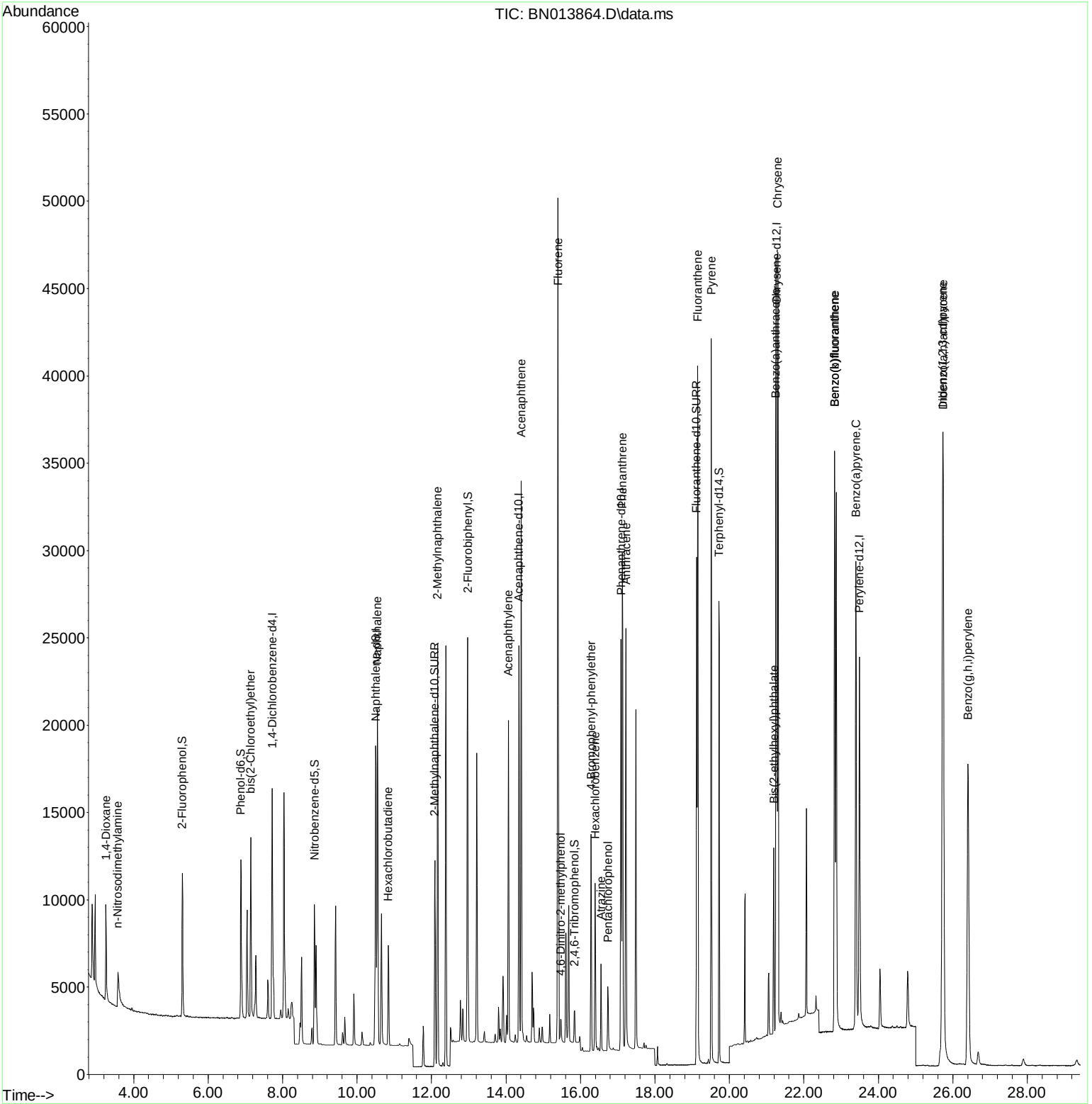
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.724	152	6612	0.40	ng		0.00
7) Naphthalene-d8	10.505	136	24524	0.40	ng		# 0.00
13) Acenaphthene-d10	14.346	164	13250	0.40	ng		0.00
19) Phenanthrene-d10	17.091	188	29172	0.40	ng		0.00
29) Chrysene-d12	21.268	240	29198	0.40	ng		# 0.00
36) Perylene-d12	23.493	264	28317	0.40	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.308	112	6308	0.36	ng		0.00
5) Phenol-d6	6.879	99	8136	0.34	ng		0.00
8) Nitrobenzene-d5	8.857	82	6430	0.41	ng		0.00
11) 2-Methylnaphthalene-d10	12.093	152	15570	0.39	ng		0.00
14) 2,4,6-Tribromophenol	15.843	330	1648	0.30	ng		0.00
15) 2-Fluorobiphenyl	12.976	172	20889	0.45	ng		0.00
27) Fluoranthene-d10	19.121	212	31872	0.37	ng		0.00
31) Terphenyl-d14	19.722	244	25654	0.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.255	88	3448	0.43	ng		99
3) n-Nitrosodimethylamine	3.577	42	2492	0.40	ng		93
6) bis(2-Chloroethyl)ether	7.144	93	7395	0.44	ng		95
9) Naphthalene	10.543	128	25476	0.42	ng		100
10) Hexachlorobutadiene	10.834	225	4828	0.42	ng	#	99
12) 2-Methylnaphthalene	12.164	142	16859	0.40	ng		99
16) Acenaphthylene	14.067	152	20349	0.34	ng		100
17) Acenaphthene	14.410	154	15361	0.42	ng		99
18) Fluorene	15.399	166	18809	0.40	ng		100
20) 4,6-Dinitro-2-methylph...	15.475	198	1166	0.58	ng		88
21) 4-Bromophenyl-phenylether	16.288	248	6084	0.38	ng		97
22) Hexachlorobenzene	16.398	284	7344	0.44	ng		100
23) Atrazine	16.556	200	3664	0.25	ng		94
24) Pentachlorophenol	16.738	266	2071	0.38	ng		96
25) Phenanthrene	17.128	178	31824	0.42	ng		100
26) Anthracene	17.225	178	25555	0.34	ng		100
28) Fluoranthene	19.151	202	35452	0.39	ng		99
30) Pyrene	19.513	202	35972	0.40	ng		100
32) Benzo(a)anthracene	21.247	228	31108	0.35	ng		96
33) Chrysene	21.300	228	37091	0.42	ng		100
34) Bis(2-ethylhexyl)phtha...	21.194	149	9143	0.21	ng		98
35) Indeno(1,2,3-cd)pyrene	25.728	276	45259	0.43	ng		99
37) Benzo(b)fluoranthene	22.826	252	38907	0.43	ng		97
38) Benzo(k)fluoranthene	22.826	252	38907	0.45	ng		96
39) Benzo(a)pyrene	23.397	252	35885	0.44	ng	#	91
40) Dibenzo(a,h)anthracene	25.742	278	37321	0.43	ng		97
41) Benzo(g,h,i)perylene	26.409	276	37946	0.44	ng		98

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

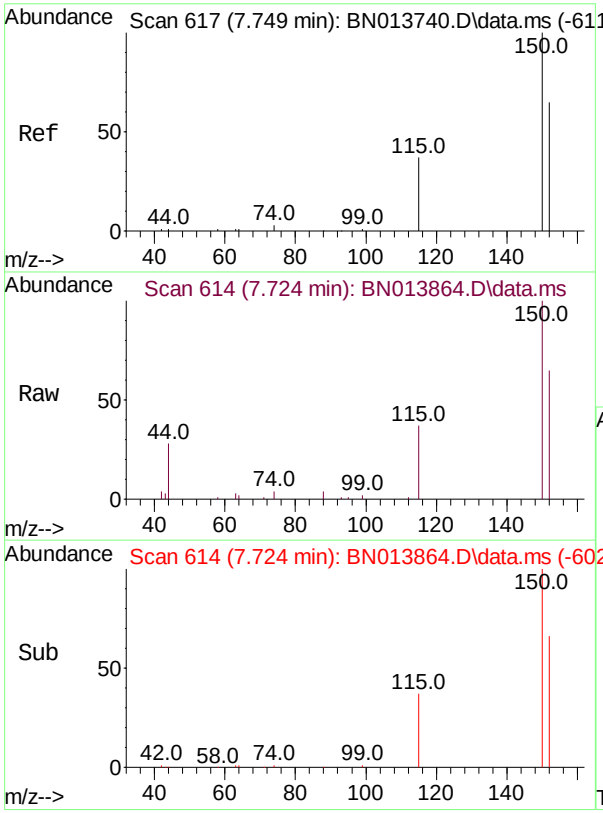
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030821\
Data File : BN013864.D
Acq On : 08 Mar 2021 09:46
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Mar 08 10:32:18 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN022421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 08 10:32:09 2021
Response via : Initial Calibration



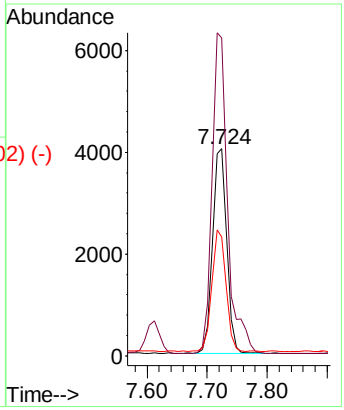
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

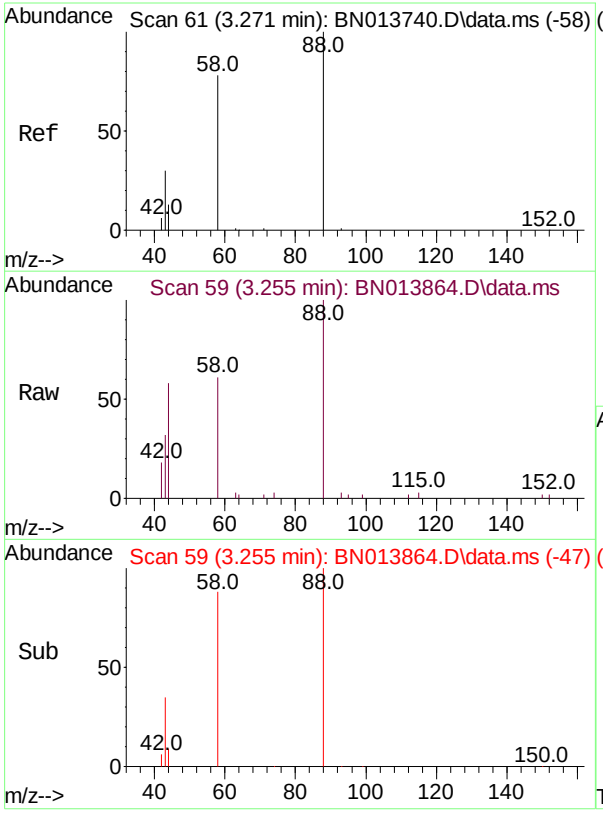


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.724 min Scan# 614
Delta R.T. 0.000 min
Lab File: BN013864.D
Acq: 08 Mar 2021 09:46

Tgt Ion:152 Resp: 6612

Ion	Ratio	Lower	Upper
152	100		
150	153.2	121.8	182.8
115	57.2	46.6	69.8

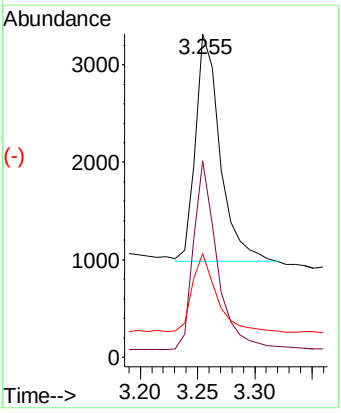




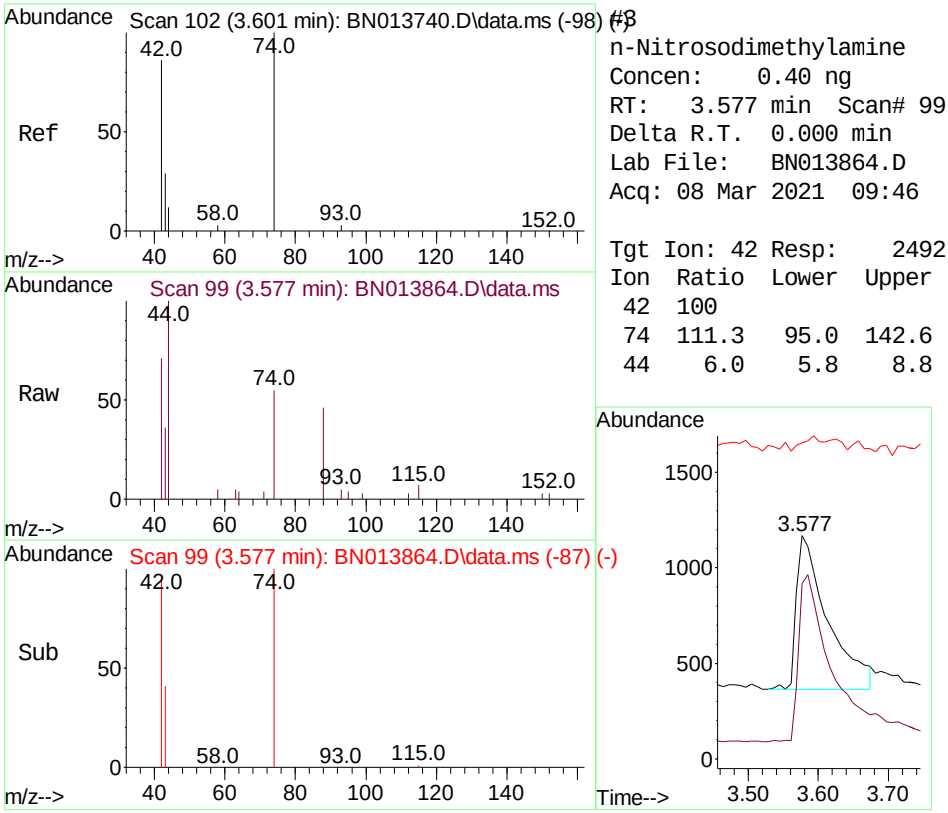
#2
1,4-Dioxane
Concen: 0.43 ng
RT: 3.255 min Scan# 59
Delta R.T. 0.000 min
Lab File: BN013864.D
Acq: 08 Mar 2021 09:46

Tgt Ion: 88 Resp: 3448

Ion	Ratio	Lower	Upper
88	100		
58	81.2	64.6	96.8
43	34.0	26.6	40.0



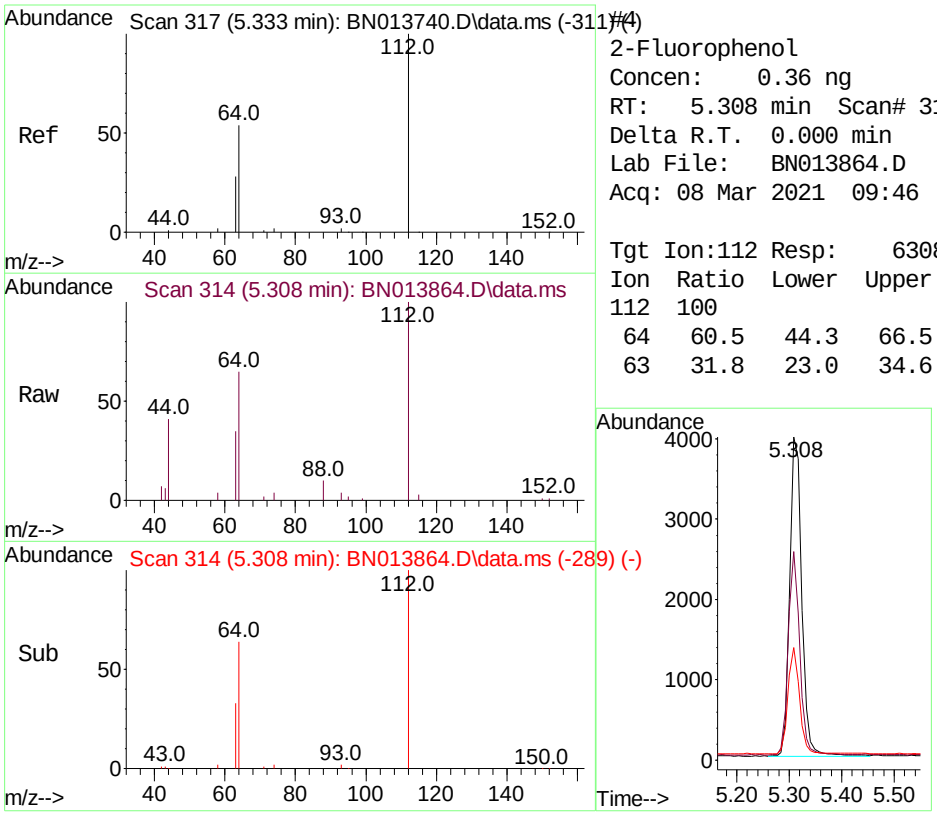
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4



#3
n-Nitrosodimethylamine
Concen: 0.40 ng
RT: 3.577 min Scan# 99
Delta R.T. 0.000 min
Lab File: BN013864.D
Acq: 08 Mar 2021 09:46

Tgt Ion: 42 Resp: 2492

Ion	Ratio	Lower	Upper
42	100		
74	111.3	95.0	142.6
44	6.0	5.8	8.8

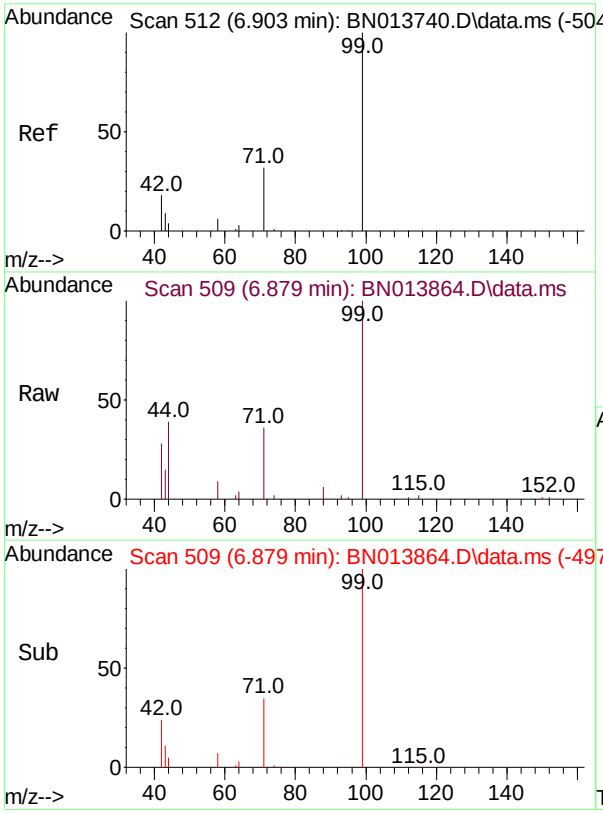


#4
2-Fluorophenol
Concen: 0.36 ng
RT: 5.308 min Scan# 314
Delta R.T. 0.000 min
Lab File: BN013864.D
Acq: 08 Mar 2021 09:46

Tgt Ion:112 Resp: 6308

Ion	Ratio	Lower	Upper
112	100		
64	60.5	44.3	66.5
63	31.8	23.0	34.6

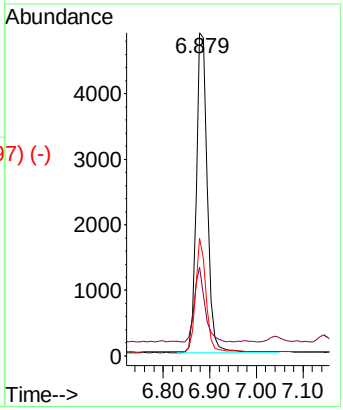
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

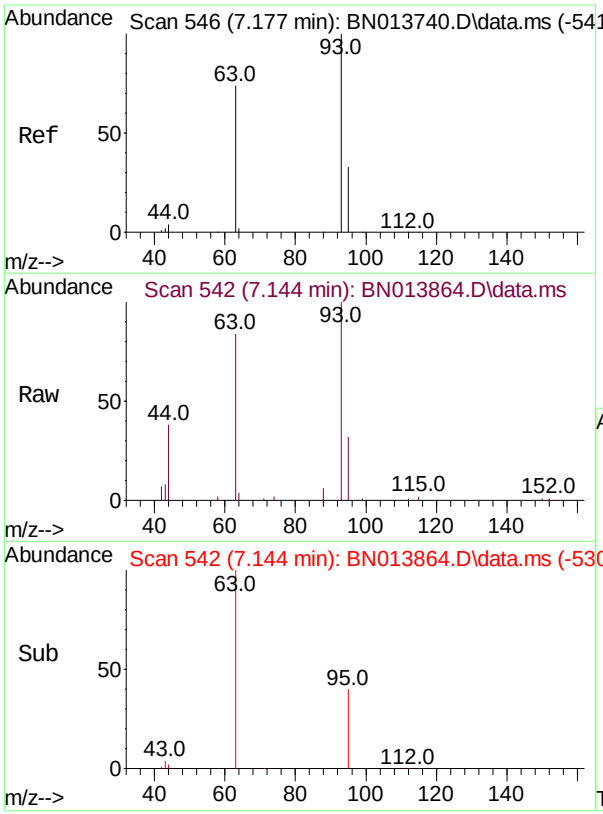


#5
Phenol-d6
Concen: 0.34 ng
RT: 6.879 min Scan# 509
Delta R.T. 0.000 min
Lab File: BN013864.D
Acq: 08 Mar 2021 09:46

Tgt Ion: 99 Resp: 8136

Ion	Ratio	Lower	Upper
99	100		
42	22.3	15.2	22.8
71	33.3	26.1	39.1

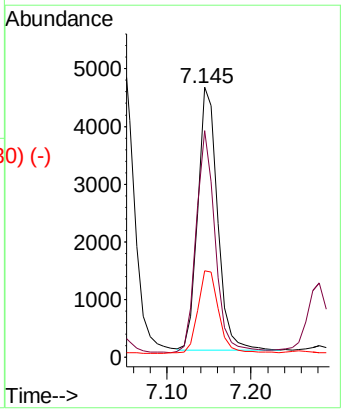




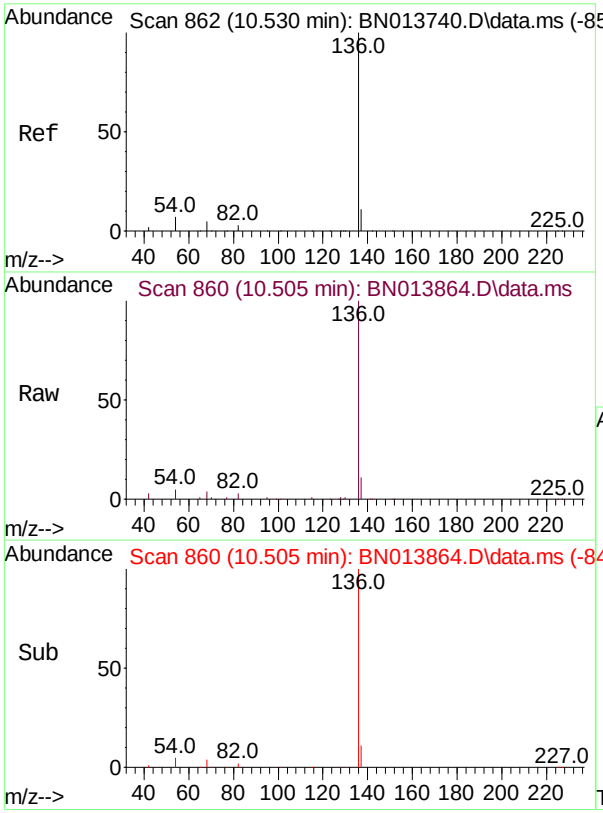
#6
bis(2-Chloroethyl)ether
Concen: 0.44 ng
RT: 7.144 min Scan# 542
Delta R.T. 0.000 min
Lab File: BN013864.D
Acq: 08 Mar 2021 09:46

Tgt Ion: 93 Resp: 7395

Ion	Ratio	Lower	Upper
93	100		
63	81.9	60.8	91.2
95	33.3	26.0	39.0



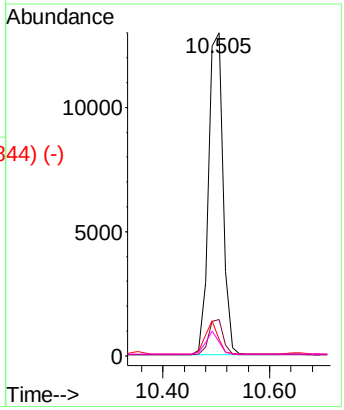
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

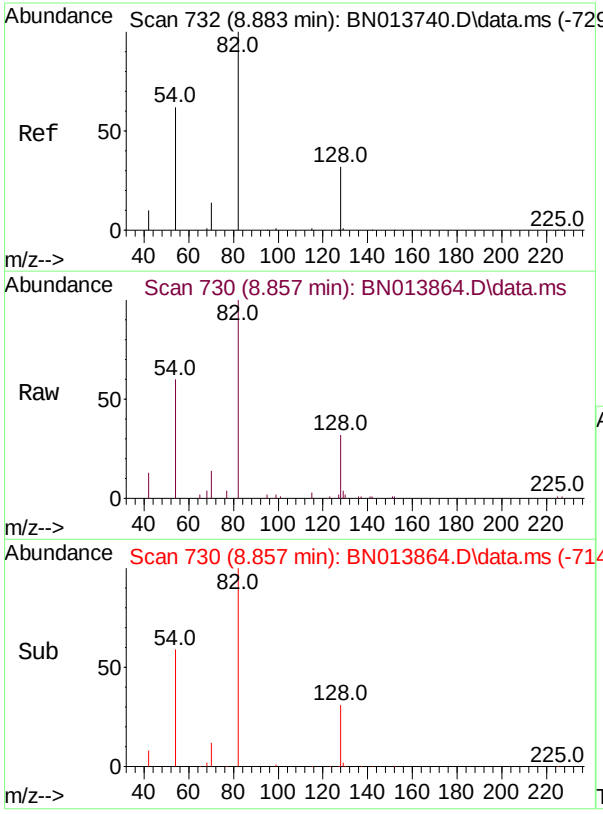


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.505 min Scan# 860
Delta R.T. 0.000 min
Lab File: BN013864.D
Acq: 08 Mar 2021 09:46

Tgt Ion:136 Resp: 24524

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.6
54	5.2	6.4	9.6#
68	4.3	4.5	6.7#

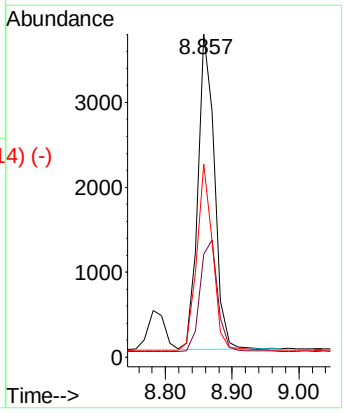




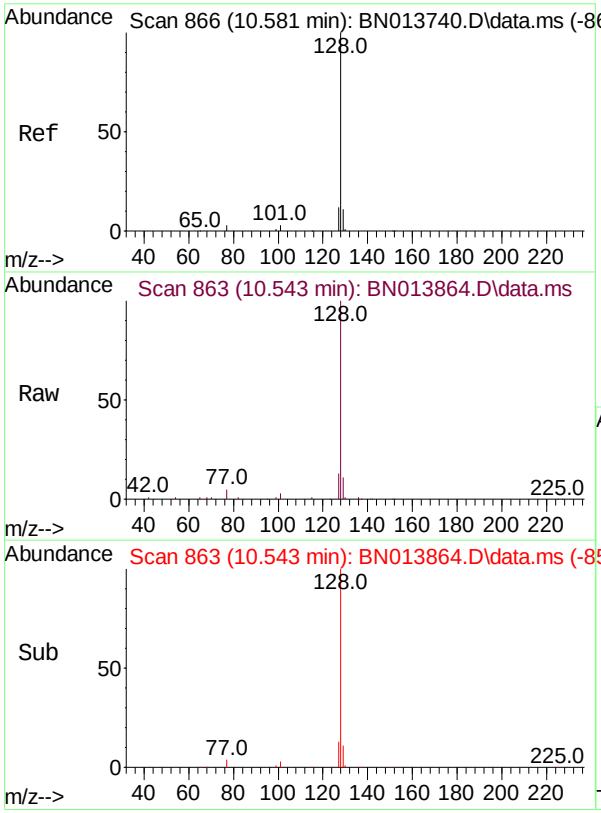
#8
Nitrobenzene-d5
Concen: 0.41 ng
RT: 8.857 min Scan# 730
Delta R.T. 0.000 min
Lab File: BN013864.D
Acq: 08 Mar 2021 09:46

Tgt Ion: 82 Resp: 6430

Ion	Ratio	Lower	Upper
82	100		
128	31.9	39.2	58.8#
54	59.9	40.1	60.1



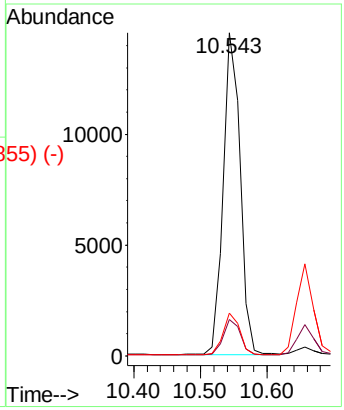
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

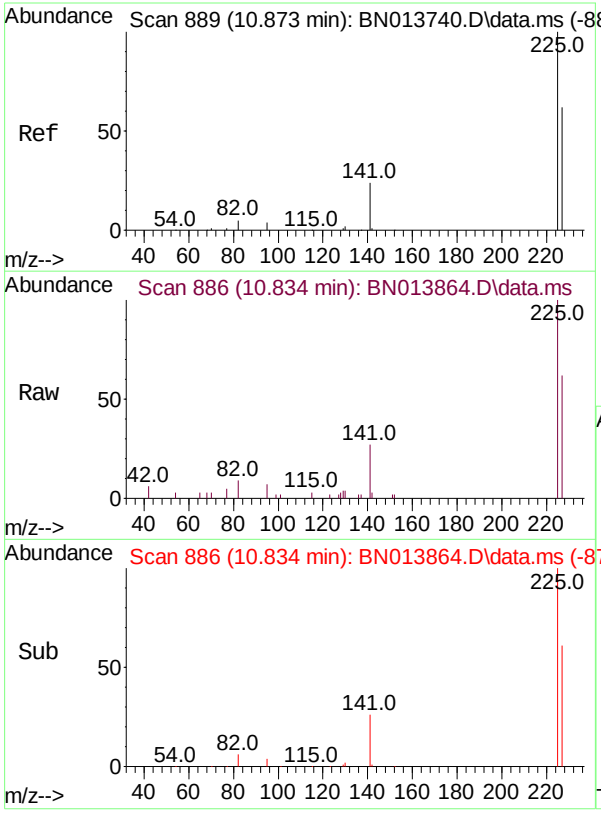


#9
Naphthalene
Concen: 0.42 ng
RT: 10.543 min Scan# 863
Delta R.T. 0.000 min
Lab File: BN013864.D
Acq: 08 Mar 2021 09:46

Tgt Ion:128 Resp: 25476

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.4
127	13.3	10.4	15.6

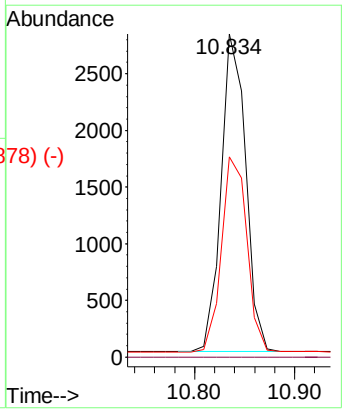




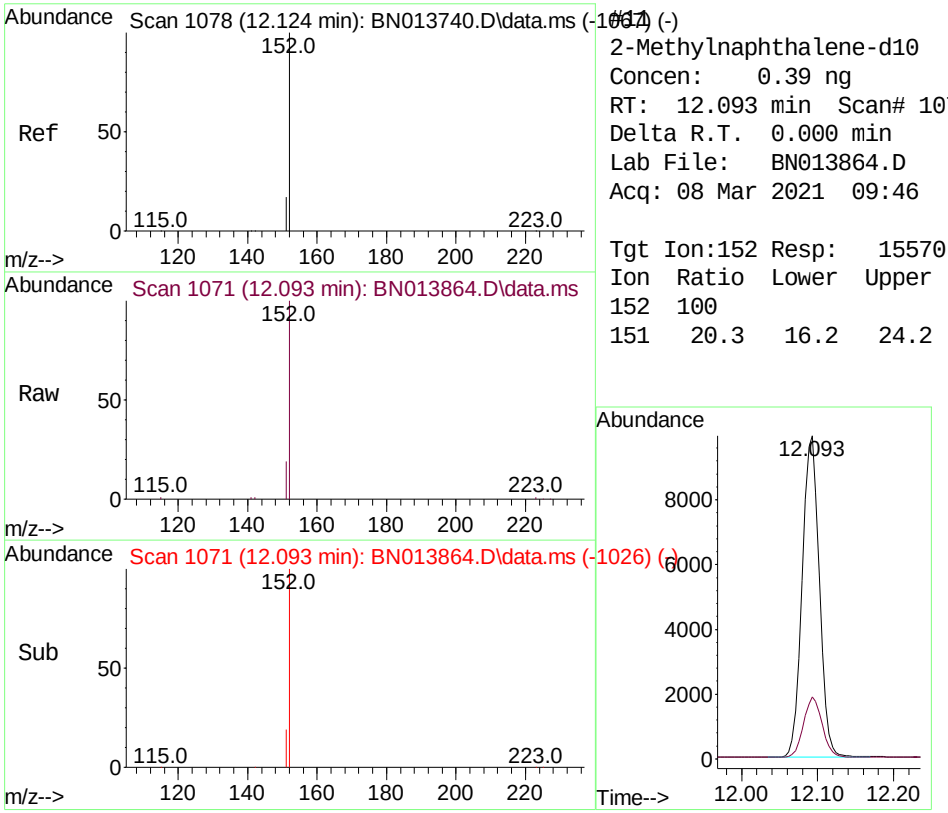
#10
Hexachlorobutadiene
Concen: 0.42 ng
RT: 10.834 min Scan# 886
Delta R.T. 0.000 min
Lab File: BN013864.D
Acq: 08 Mar 2021 09:46

Tgt Ion:225 Resp: 4828

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.5	51.2	76.8



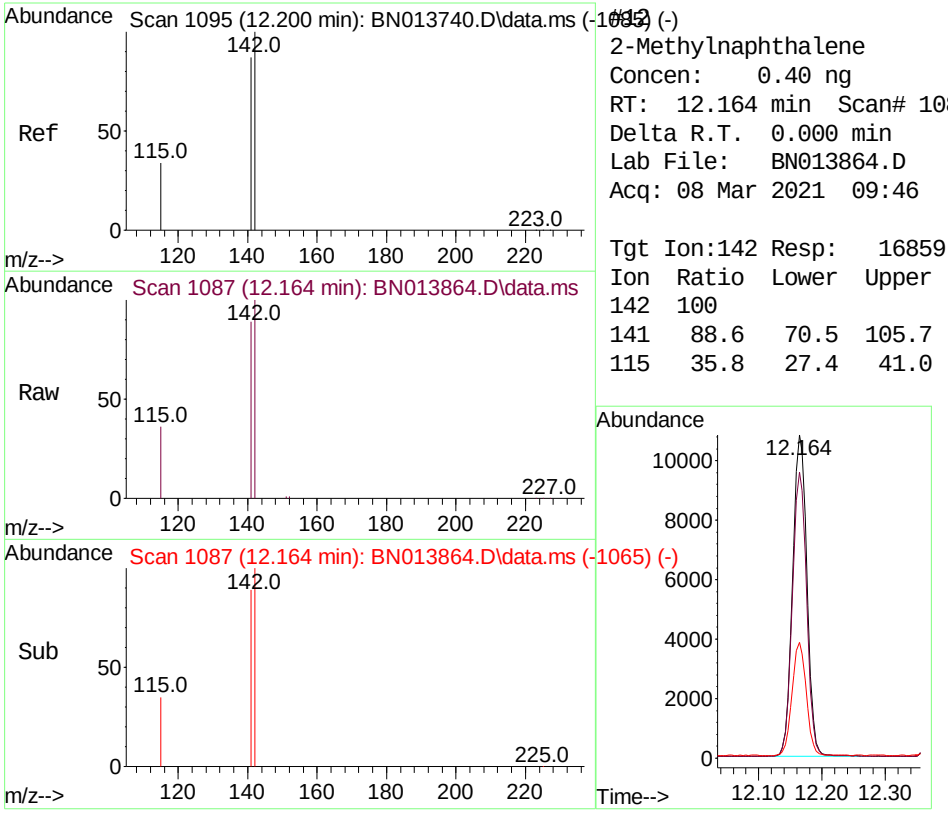
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4



#11
2-Methylnaphthalene-d10
Concen: 0.39 ng
RT: 12.093 min Scan# 1071
Delta R.T. 0.000 min
Lab File: BN013864.D
Acq: 08 Mar 2021 09:46

Tgt Ion:152 Resp: 15570

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.2

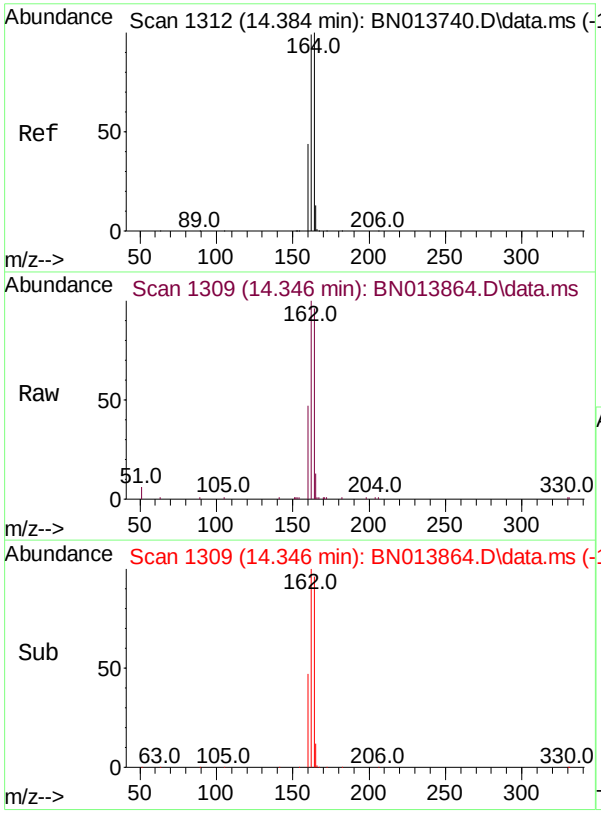


#12
2-Methylnaphthalene
Concen: 0.40 ng
RT: 12.164 min Scan# 1087
Delta R.T. 0.000 min
Lab File: BN013864.D
Acq: 08 Mar 2021 09:46

Tgt Ion:142 Resp: 16859

Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.5	105.7
115	35.8	27.4	41.0

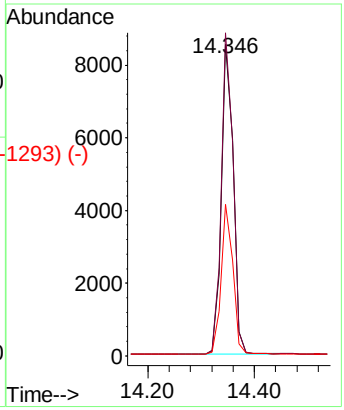
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

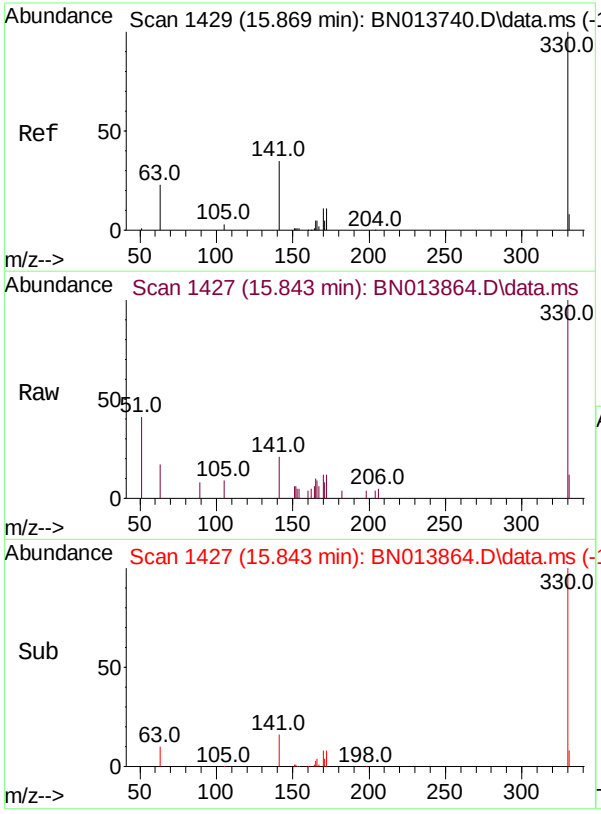


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.346 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BN013864.D
Acq: 08 Mar 2021 09:46

Tgt Ion:164 Resp: 13250

Ion	Ratio	Lower	Upper
164	100		
162	103.7	79.6	119.4
160	48.7	36.0	54.0

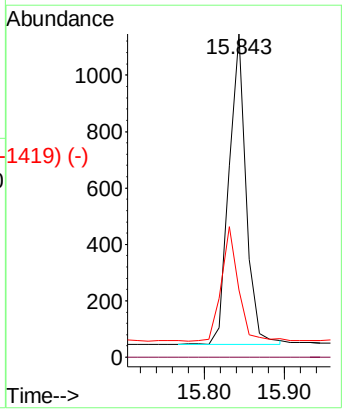




#14
2,4,6-Tribromophenol
Concen: 0.30 ng
RT: 15.843 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BN013864.D
Acq: 08 Mar 2021 09:46

Tgt Ion:330 Resp: 1648

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	36.5	26.8	40.2



Instrument :
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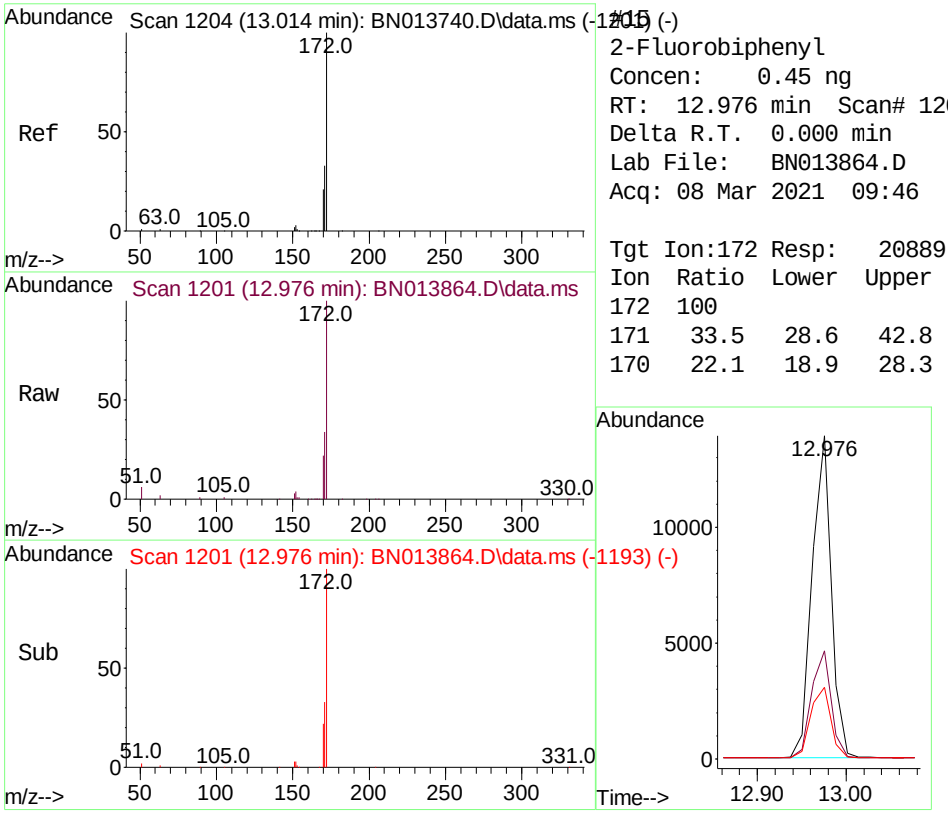
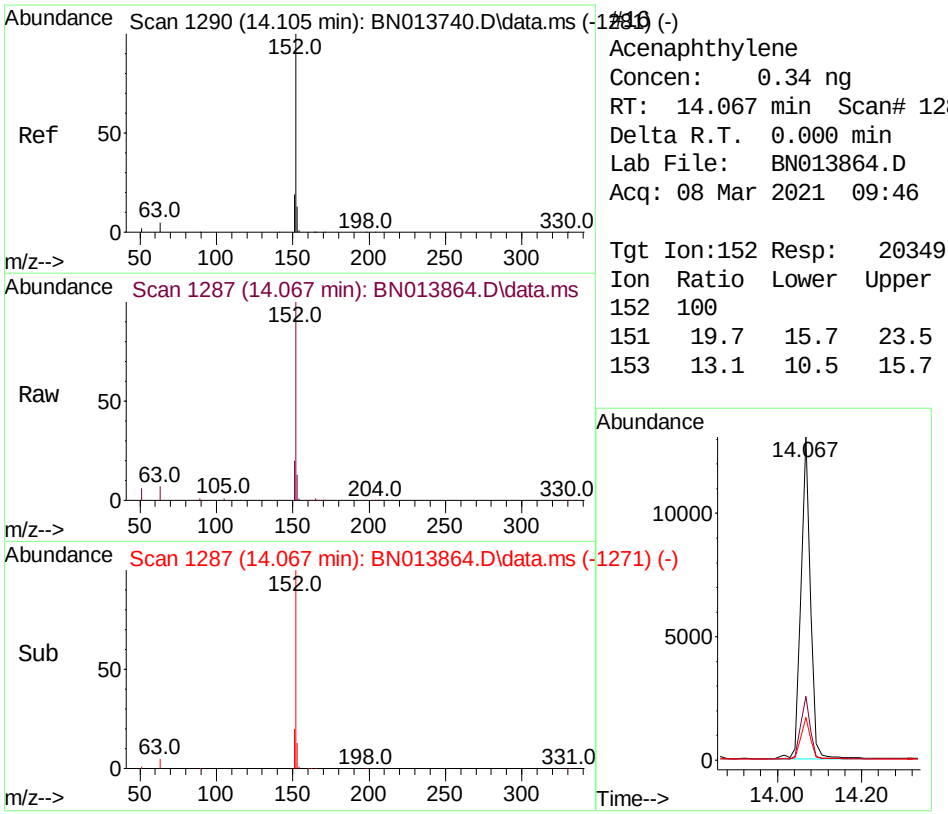


#15
2-Fluorobiphenyl
Concen: 0.45 ng
RT: 12.976 min Scan# 1201
Delta R.T. 0.000 min
Lab File: BN013864.D
Acq: 08 Mar 2021 09:46

Tgt Ion:172 Resp: 20889

Ion	Ratio	Lower	Upper
172	100		
171	33.5	28.6	42.8
170	22.1	18.9	28.3

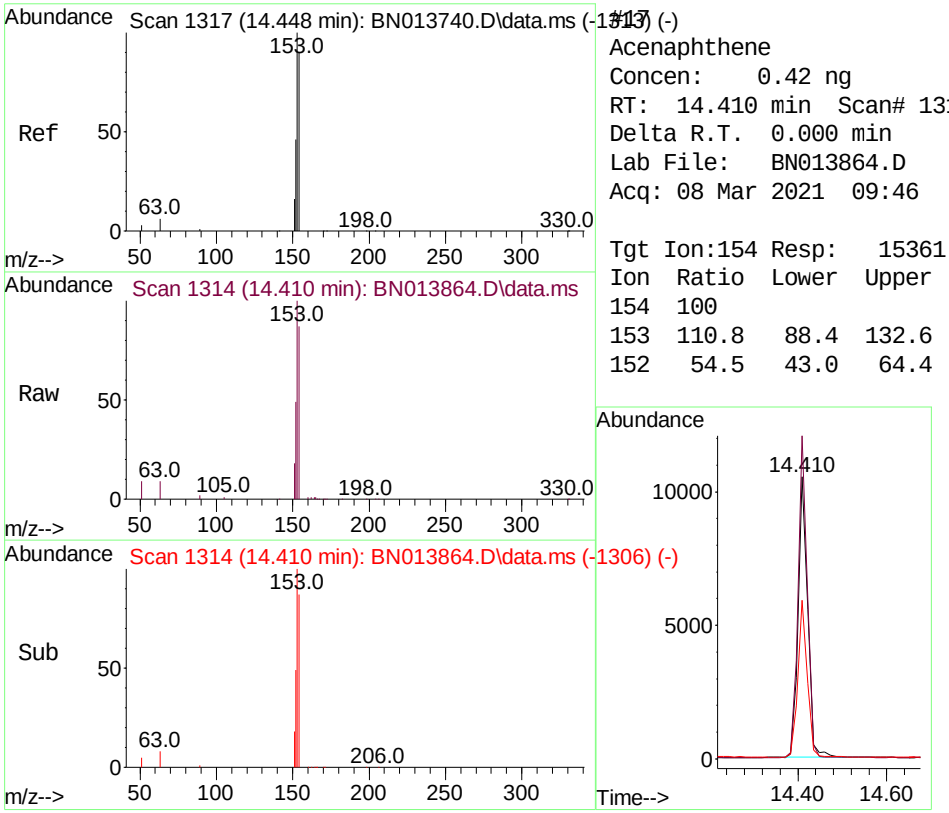


#16
Acenaphthylene
Concen: 0.34 ng
RT: 14.067 min Scan# 1287
Delta R.T. 0.000 min
Lab File: BN013864.D
Acq: 08 Mar 2021 09:46

Tgt Ion:152 Resp: 20349

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.7	23.5
153	13.1	10.5	15.7

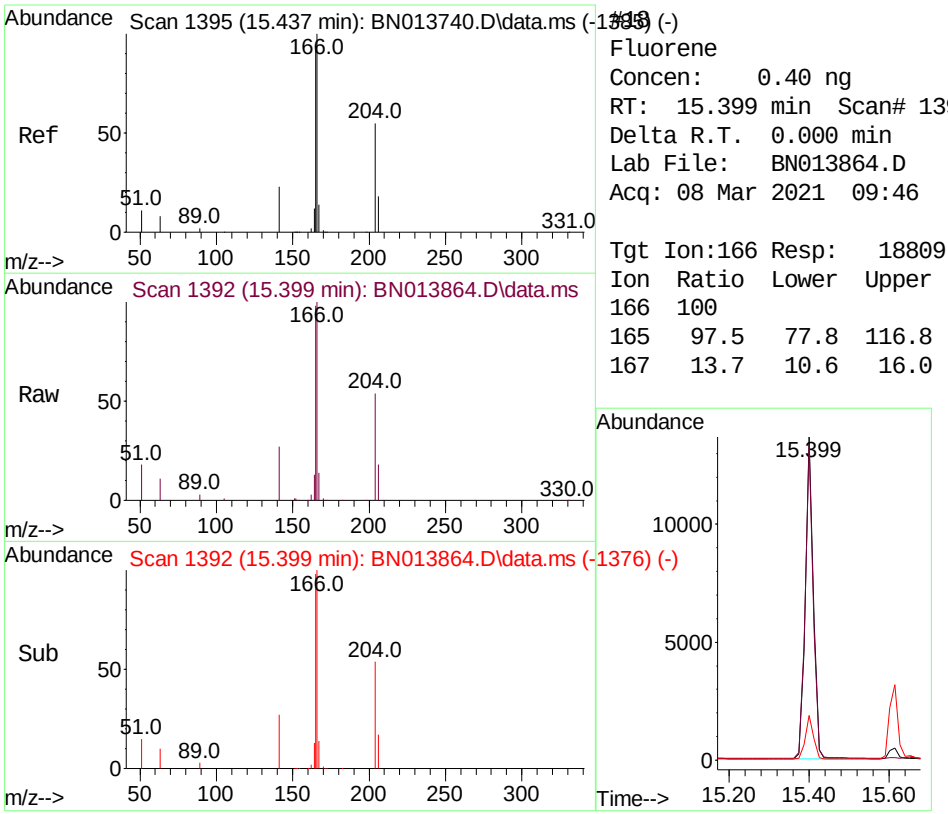
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4



#17
Acenaphthene
Concen: 0.42 ng
RT: 14.410 min Scan# 1314
Delta R.T. 0.000 min
Lab File: BN013864.D
Acq: 08 Mar 2021 09:46

Tgt Ion:154 Resp: 15361

Ion	Ratio	Lower	Upper
154	100		
153	110.8	88.4	132.6
152	54.5	43.0	64.4

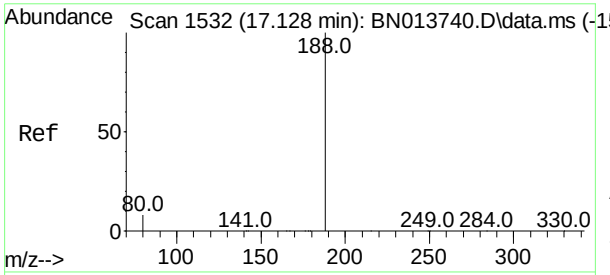


#18
Fluorene
Concen: 0.40 ng
RT: 15.399 min Scan# 1392
Delta R.T. 0.000 min
Lab File: BN013864.D
Acq: 08 Mar 2021 09:46

Tgt Ion:166 Resp: 18809

Ion	Ratio	Lower	Upper
166	100		
165	97.5	77.8	116.8
167	13.7	10.6	16.0

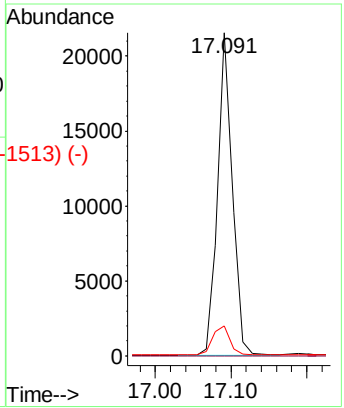
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

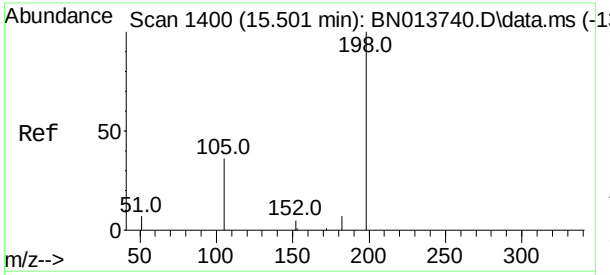


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.091 min Scan# 1529
Delta R.T. 0.000 min
Lab File: BN013864.D
Acq: 08 Mar 2021 09:46

Tgt Ion:188 Resp: 29172

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.3	9.0	13.6

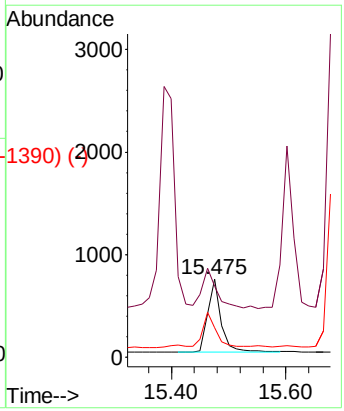




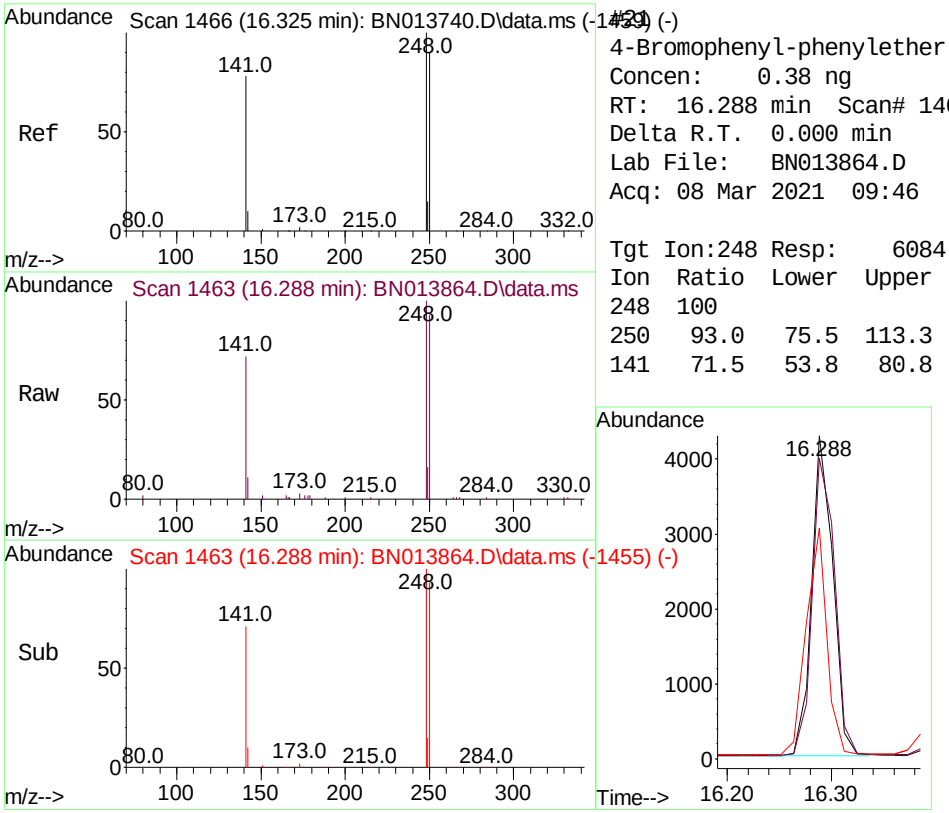
#20
4,6-Dinitro-2-methylphenol
Concen: 0.58 ng
RT: 15.475 min Scan# 1398
Delta R.T. 0.000 min
Lab File: BN013864.D
Acq: 08 Mar 2021 09:46

Tgt Ion:198 Resp: 1166

Ion	Ratio	Lower	Upper
198	100		
51	90.7	61.7	92.5
105	37.6	33.0	49.6



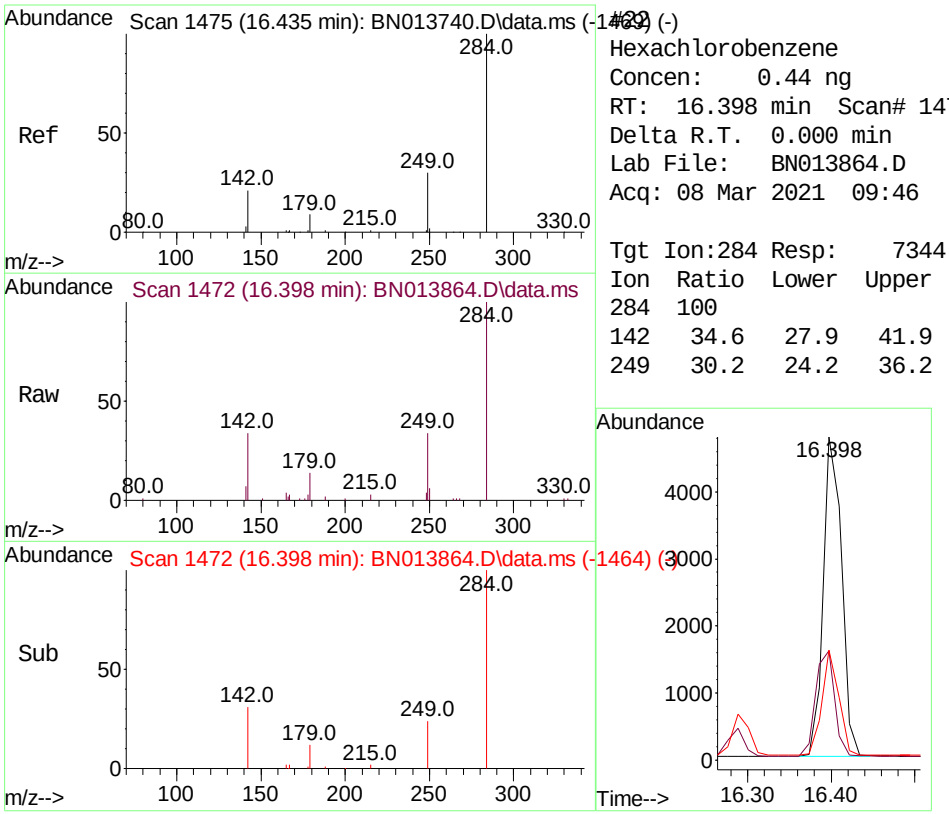
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4



#21
4-Bromophenyl-phenylether
Concen: 0.38 ng
RT: 16.288 min Scan# 1463
Delta R.T. 0.000 min
Lab File: BN013864.D
Acq: 08 Mar 2021 09:46

Tgt Ion:248 Resp: 6084

Ion	Ratio	Lower	Upper
248	100		
250	93.0	75.5	113.3
141	71.5	53.8	80.8

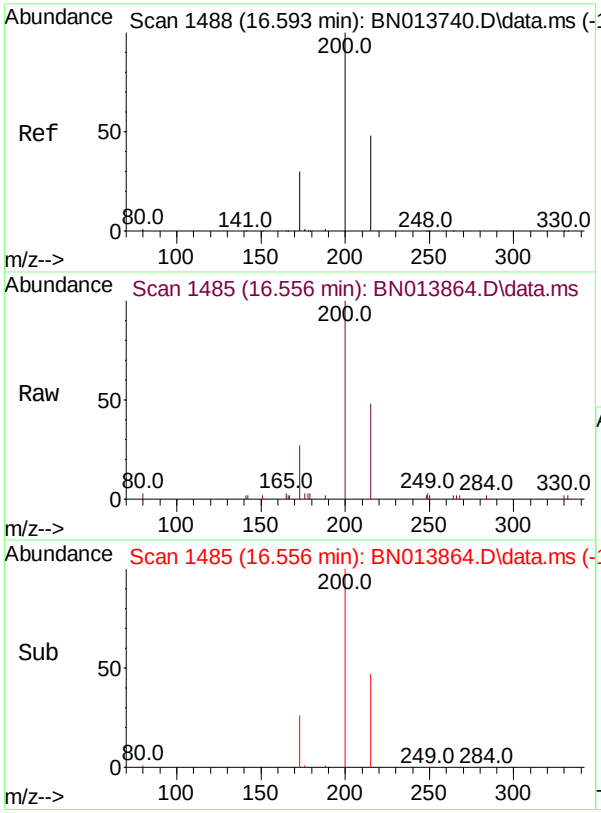


#22
Hexachlorobenzene
Concen: 0.44 ng
RT: 16.398 min Scan# 1472
Delta R.T. 0.000 min
Lab File: BN013864.D
Acq: 08 Mar 2021 09:46

Tgt Ion:284 Resp: 7344

Ion	Ratio	Lower	Upper
284	100		
142	34.6	27.9	41.9
249	30.2	24.2	36.2

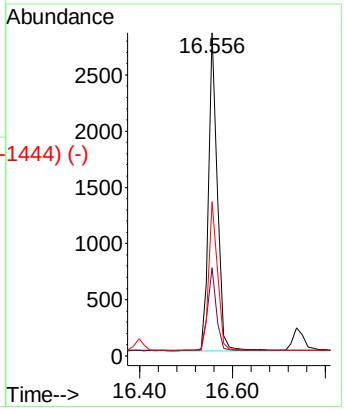
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

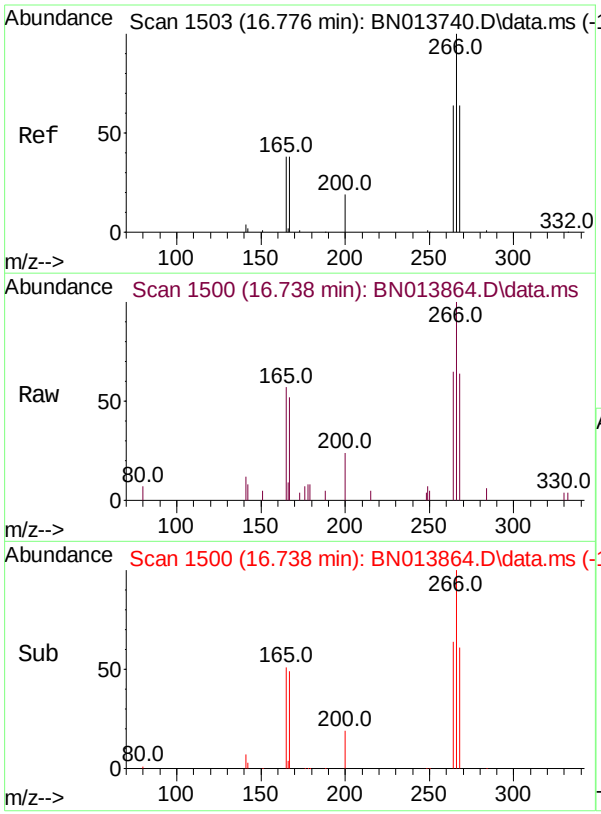


#22
Atrazine
Concen: 0.25 ng
RT: 16.556 min Scan# 1485
Delta R.T. 0.000 min
Lab File: BN013864.D
Acq: 08 Mar 2021 09:46

Tgt Ion:200 Resp: 3664

Ion	Ratio	Lower	Upper
200	100		
173	27.3	18.6	28.0
215	47.8	41.0	61.6

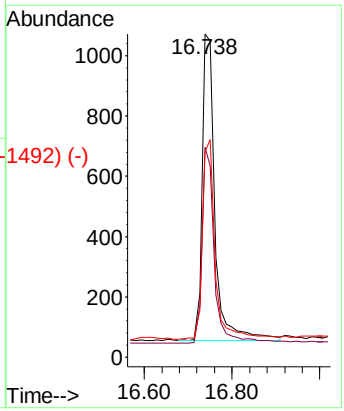




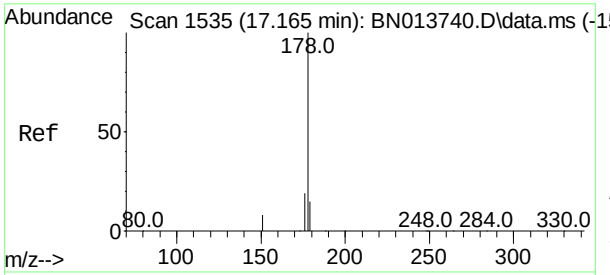
#24
Pentachlorophenol
Concen: 0.38 ng
RT: 16.738 min Scan# 1500
Delta R.T. 0.000 min
Lab File: BN013864.D
Acq: 08 Mar 2021 09:46

Tgt Ion:266 Resp: 2071

Ion	Ratio	Lower	Upper
266	100		
264	62.1	51.6	77.4
268	64.8	54.6	82.0



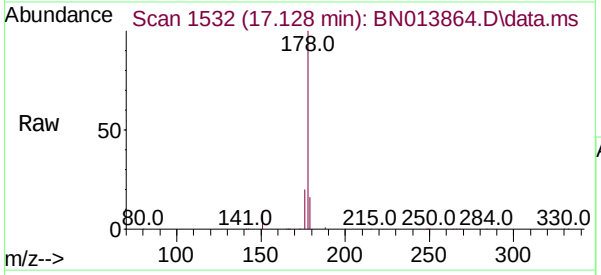
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

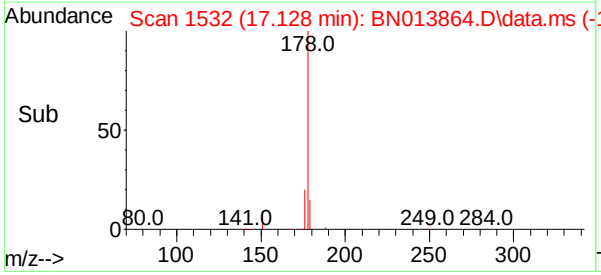


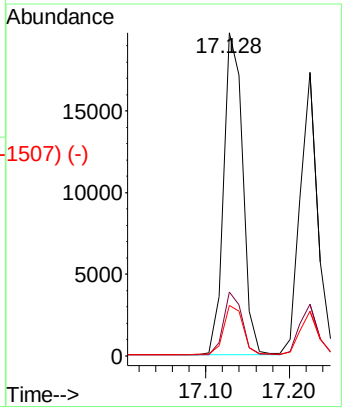
#25
Phenanthrene
Concen: 0.42 ng
RT: 17.128 min Scan# 1532
Delta R.T. 0.000 min
Lab File: BN013864.D
Acq: 08 Mar 2021 09:46

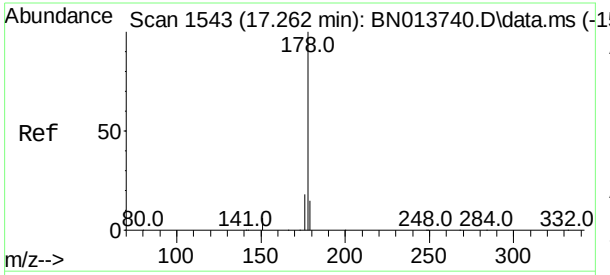
Tgt Ion:178 Resp: 31824

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.4
179	15.5	12.3	18.5





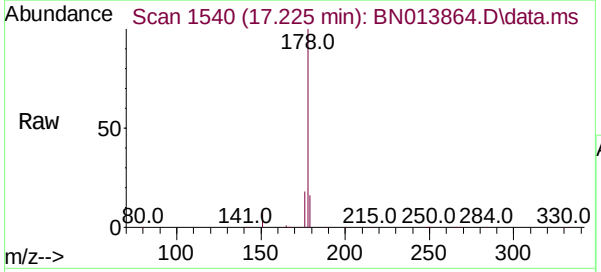


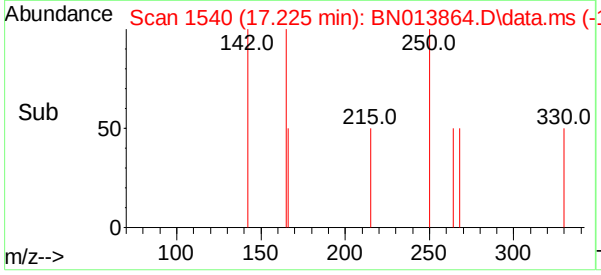


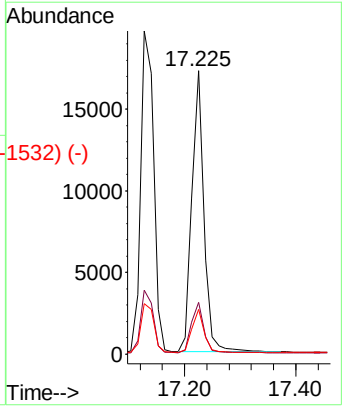
#26
Anthracene
Concen: 0.34 ng
RT: 17.225 min Scan# 1540
Delta R.T. 0.000 min
Lab File: BN013864.D
Acq: 08 Mar 2021 09:46

Tgt Ion:178 Resp: 25555

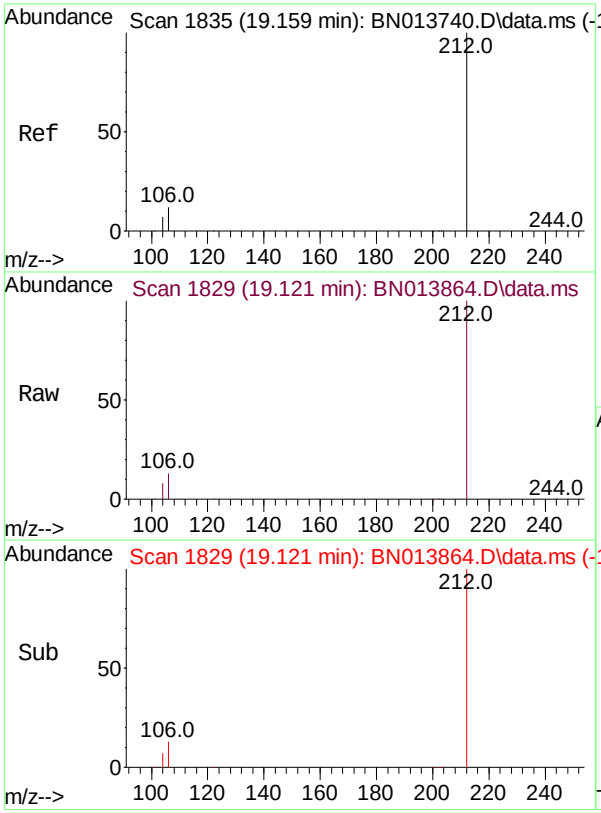
Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.6	21.8
179	15.4	12.2	18.2







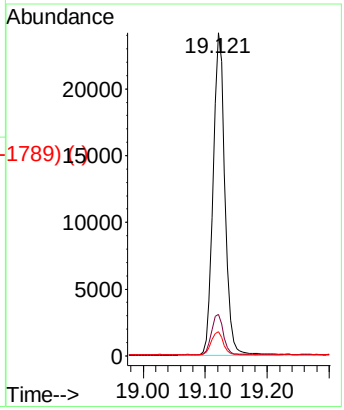
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

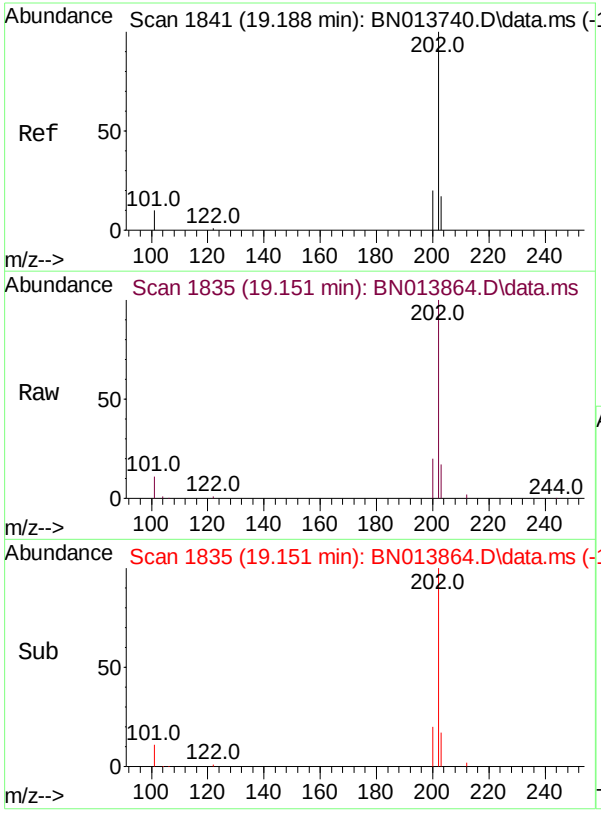


#27
Fluoranthene-d10
Concen: 0.37 ng
RT: 19.121 min Scan# 1829
Delta R.T. 0.000 min
Lab File: BN013864.D
Acq: 08 Mar 2021 09:46

Tgt Ion:212 Resp: 31872

Ion	Ratio	Lower	Upper
212	100		
106	13.0	9.7	14.5
104	7.1	5.5	8.3

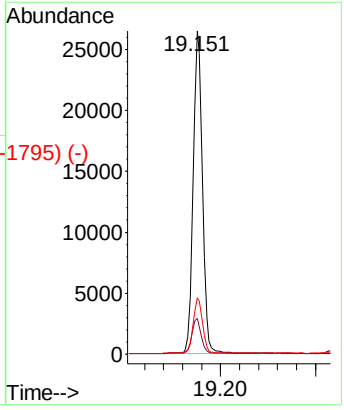




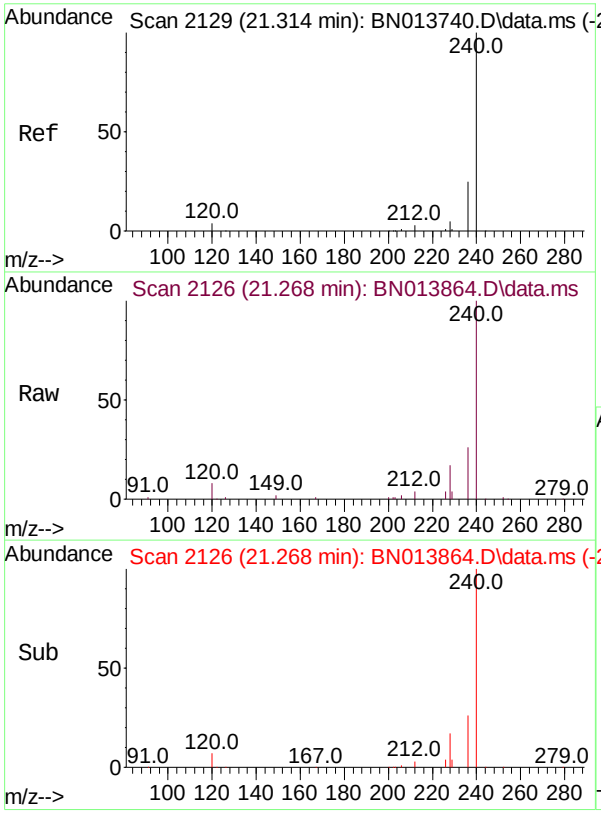
#28
Fluoranthene
Concen: 0.39 ng
RT: 19.151 min Scan# 1835
Delta R.T. 0.000 min
Lab File: BN013864.D
Acq: 08 Mar 2021 09:46

Tgt Ion:202 Resp: 35452

Ion	Ratio	Lower	Upper
202	100		
101	11.1	8.1	12.1
203	17.2	13.9	20.9



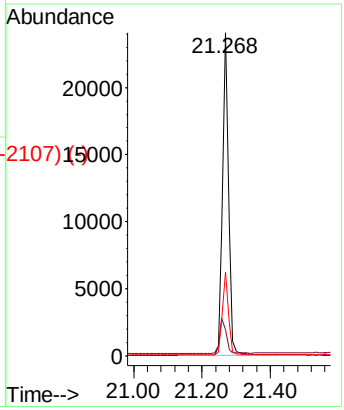
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

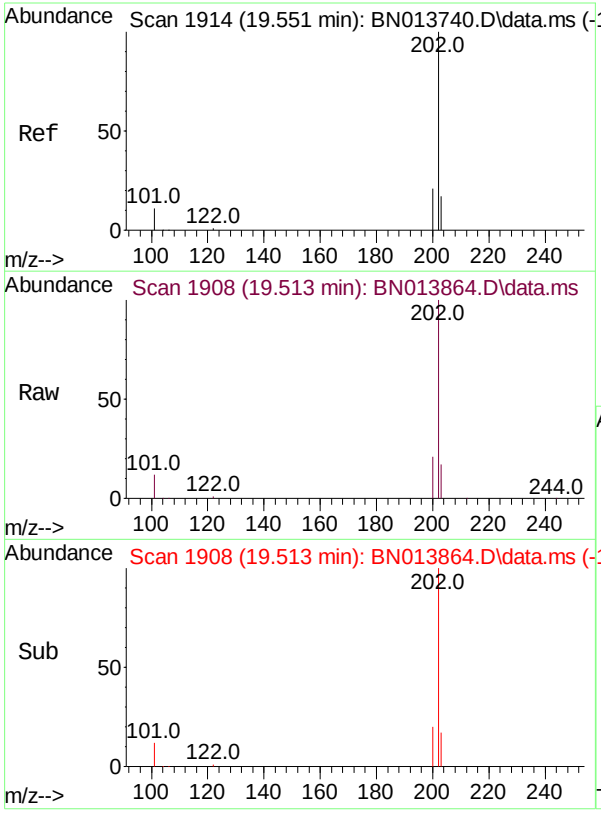


#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.268 min Scan# 2126
Delta R.T. 0.000 min
Lab File: BN013864.D
Acq: 08 Mar 2021 09:46

Tgt Ion:240 Resp: 29198

Ion	Ratio	Lower	Upper
240	100		
120	8.1	10.2	15.4#
236	25.8	21.3	31.9

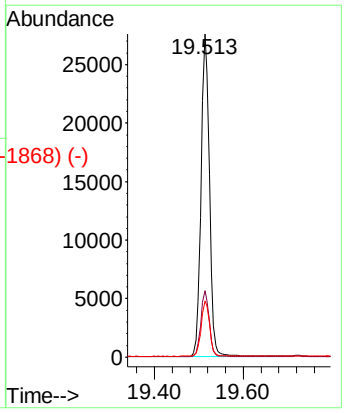




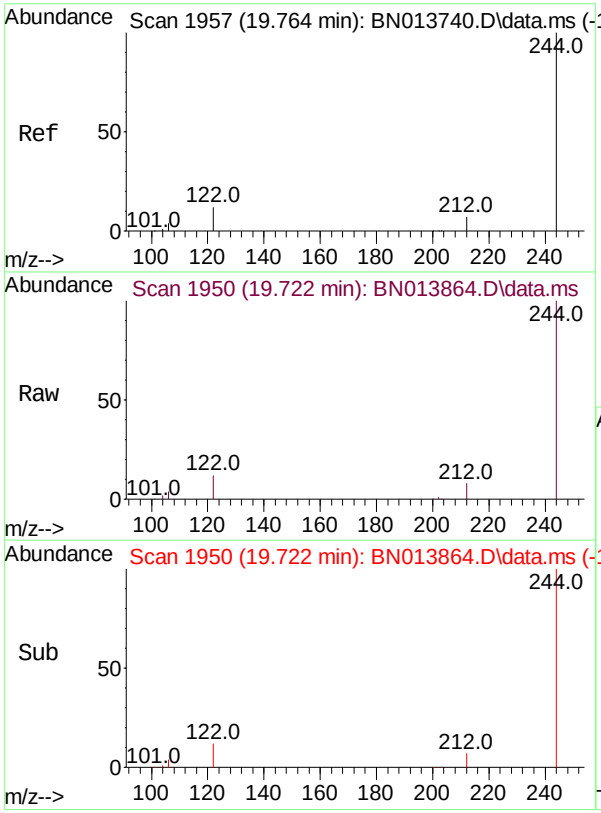
#30
Pyrene
Concen: 0.40 ng
RT: 19.513 min Scan# 1908
Delta R.T. 0.000 min
Lab File: BN013864.D
Acq: 08 Mar 2021 09:46

Tgt Ion:202 Resp: 35972

Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.3	24.5
203	17.4	14.0	21.0



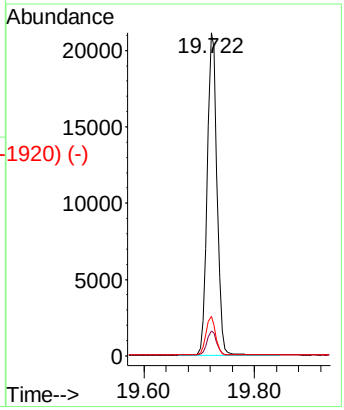
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

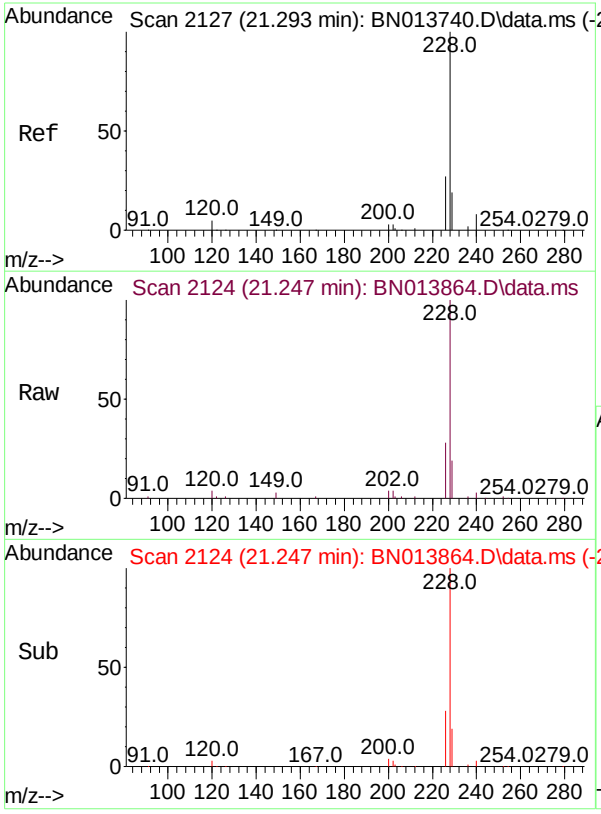


#31
Terphenyl-d14
Concen: 0.40 ng
RT: 19.722 min Scan# 1950
Delta R.T. 0.000 min
Lab File: BN013864.D
Acq: 08 Mar 2021 09:46

Tgt Ion:244 Resp: 25654

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.1	9.1
122	12.3	9.8	14.8

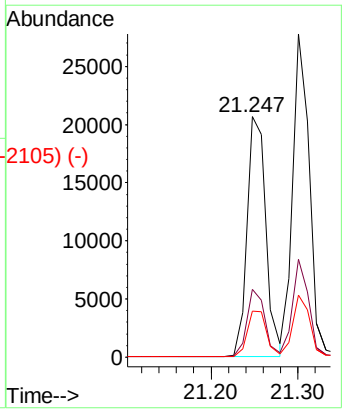




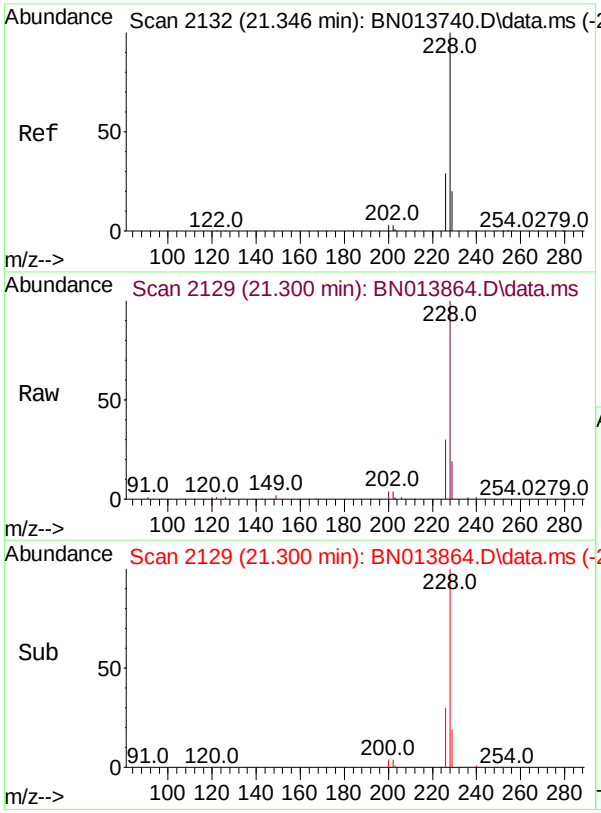
#32
Benzo(a)anthracene
Concen: 0.35 ng
RT: 21.247 min Scan# 2124
Delta R.T. 0.000 min
Lab File: BN013864.D
Acq: 08 Mar 2021 09:46

Tgt Ion:228 Resp: 31108

Ion	Ratio	Lower	Upper
228	100		
226	28.1	20.5	30.7
229	19.2	16.2	24.4



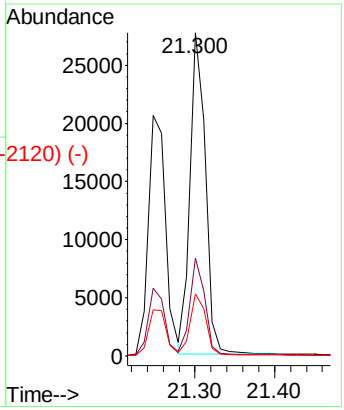
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

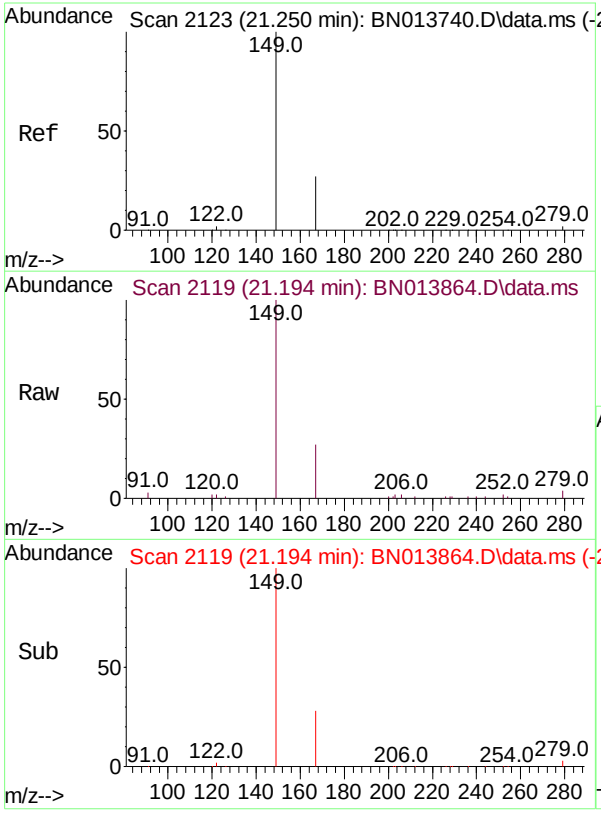


#23
Chrysene
Concen: 0.42 ng
RT: 21.300 min Scan# 2129
Delta R.T. 0.000 min
Lab File: BN013864.D
Acq: 08 Mar 2021 09:46

Tgt Ion:228 Resp: 37091

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.3	36.5
229	19.2	15.1	22.7

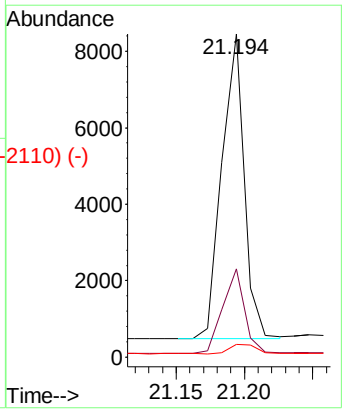




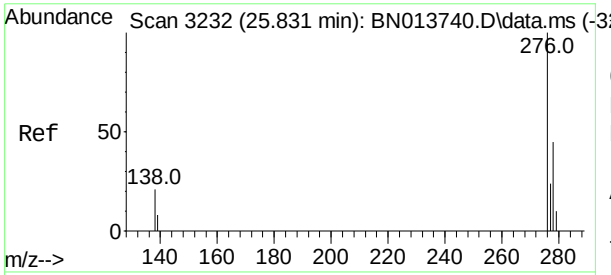
#24
Bis(2-ethylhexyl)phthalate
Concen: 0.21 ng
RT: 21.194 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BN013864.D
Acq: 08 Mar 2021 09:46

Tgt Ion:149 Resp: 9143

Ion	Ratio	Lower	Upper
149	100		
167	26.7	22.1	33.1
279	3.8	3.5	5.3



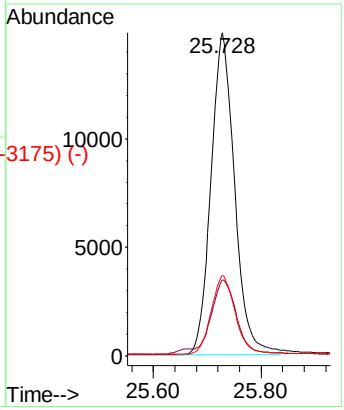
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

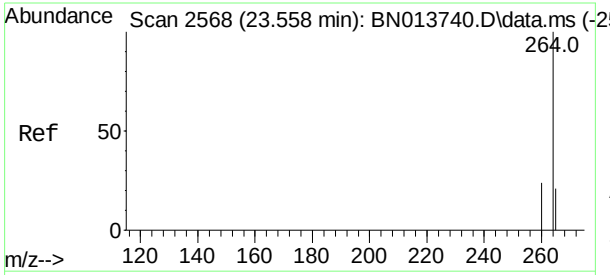


#35
Indeno(1,2,3-cd)pyrene
Concen: 0.43 ng
RT: 25.728 min Scan# 3204
Delta R.T. 0.000 min
Lab File: BN013864.D
Acq: 08 Mar 2021 09:46

Tgt Ion:276 Resp: 45259

Ion	Ratio	Lower	Upper
276	100		
138	23.8	19.8	29.6
277	24.9	19.9	29.9

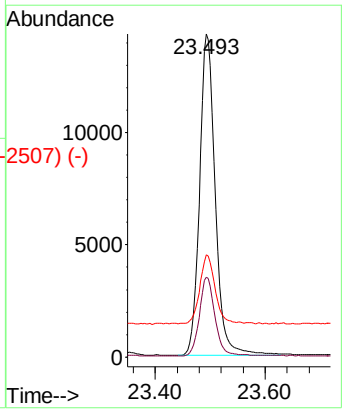




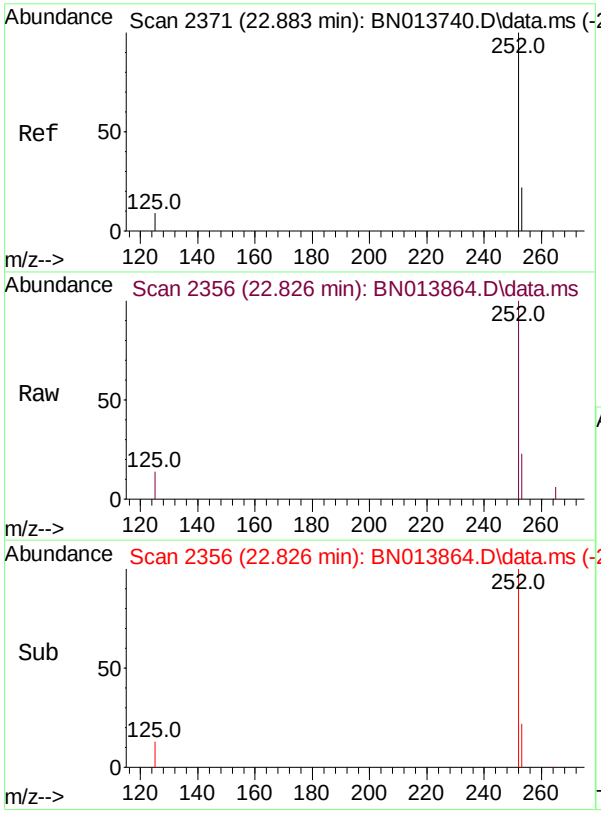
#36
Perylene-d12
Concen: 0.40 ng
RT: 23.493 min Scan# 2551
Delta R.T. 0.000 min
Lab File: BN013864.D
Acq: 08 Mar 2021 09:46

Tgt Ion:264 Resp: 28317

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.3	28.9
265	31.7	66.2	99.4#



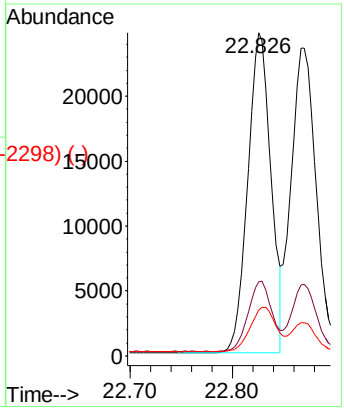
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

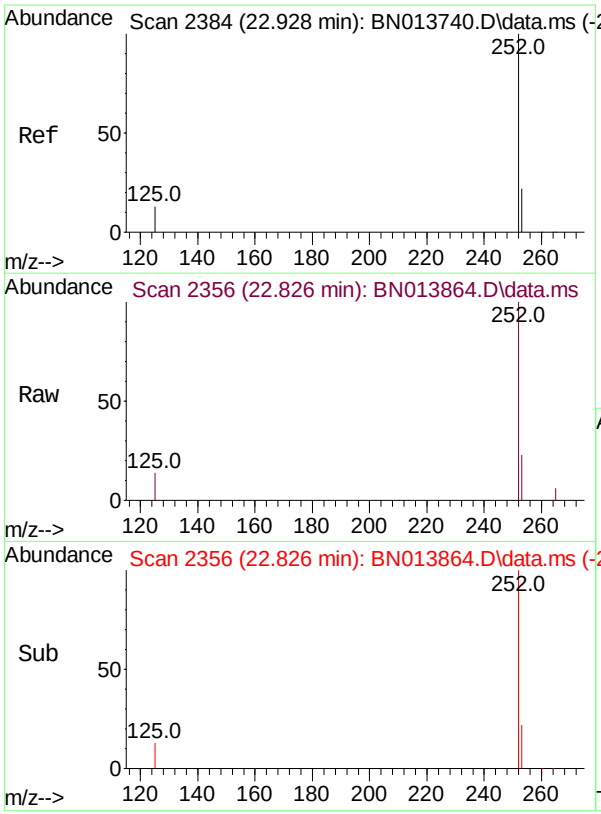


#37
Benzo(b)fluoranthene
Concen: 0.43 ng
RT: 22.826 min Scan# 2356
Delta R.T. 0.000 min
Lab File: BN013864.D
Acq: 08 Mar 2021 09:46

Tgt Ion:252 Resp: 38907

Ion	Ratio	Lower	Upper
252	100		
253	23.0	20.4	30.6
125	14.2	11.6	17.4

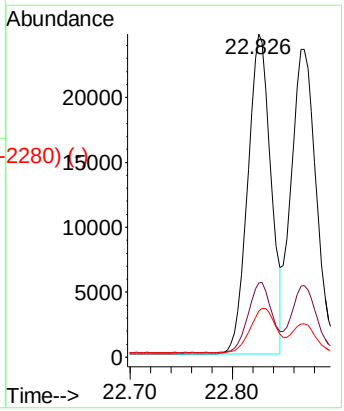




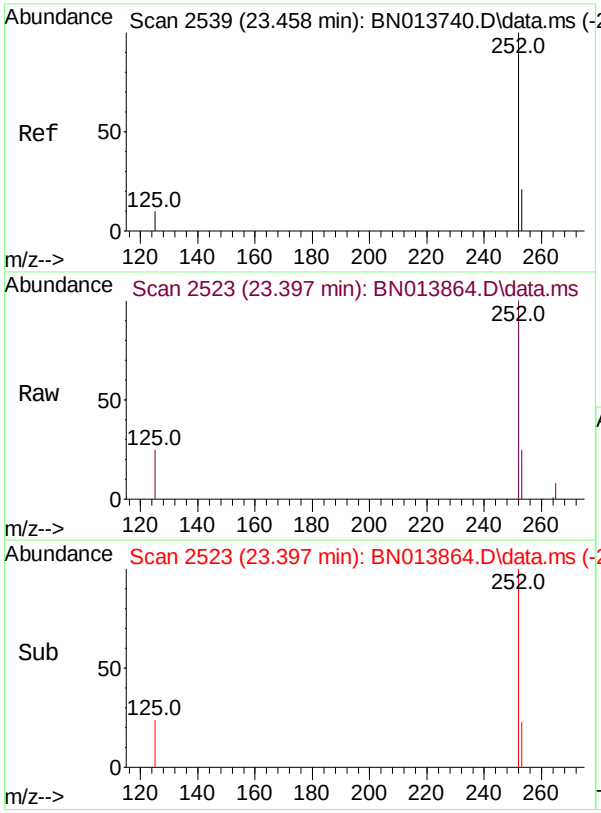
#38
Benzo(k)fluoranthene
Concen: 0.45 ng
RT: 22.826 min Scan# 2356
Delta R.T. -0.041 min
Lab File: BN013864.D
Acq: 08 Mar 2021 09:46

Tgt Ion:252 Resp: 38907

Ion	Ratio	Lower	Upper
252	100		
253	23.0	20.5	30.7
125	14.2	12.3	18.5



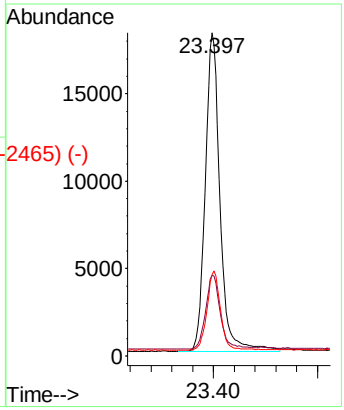
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

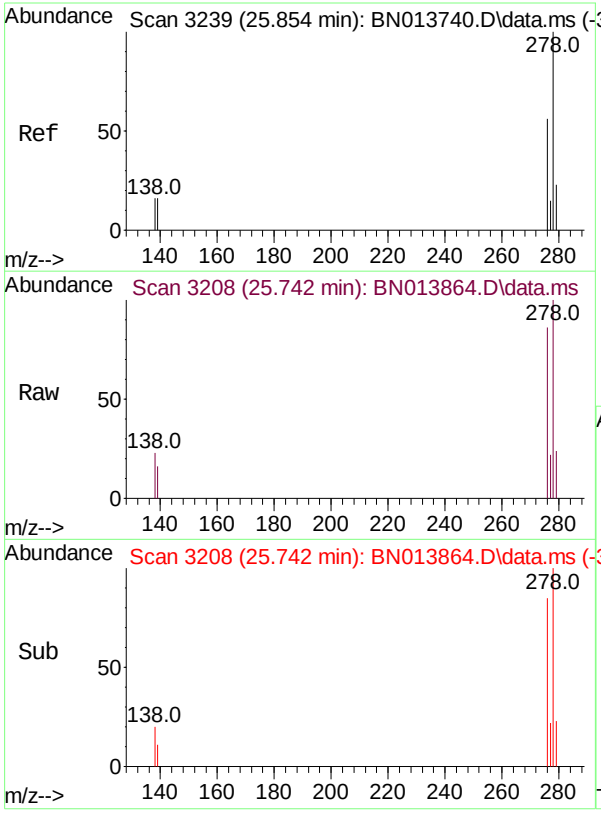


#39
Benzo(a)pyrene
Concen: 0.44 ng
RT: 23.397 min Scan# 2523
Delta R.T. 0.000 min
Lab File: BN013864.D
Acq: 08 Mar 2021 09:46

Tgt Ion:252 Resp: 35885

Ion	Ratio	Lower	Upper
252	100		
253	24.9	21.8	32.6
125	25.2	14.6	21.8#

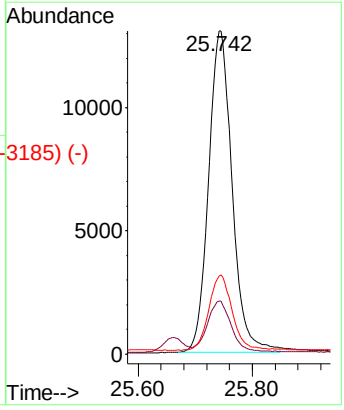


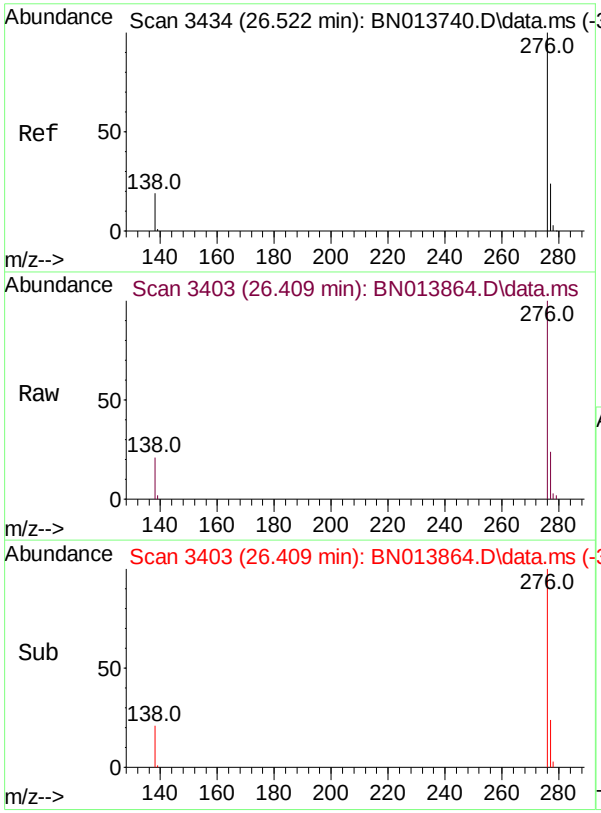


#40
Dibenzo(a,h)anthracene
Concen: 0.43 ng
RT: 25.742 min Scan# 3208
Delta R.T. 0.000 min
Lab File: BN013864.D
Acq: 08 Mar 2021 09:46

Tgt Ion:278 Resp: 37321

Ion	Ratio	Lower	Upper
278	100		
139	16.4	13.1	19.7
279	24.2	21.4	32.0

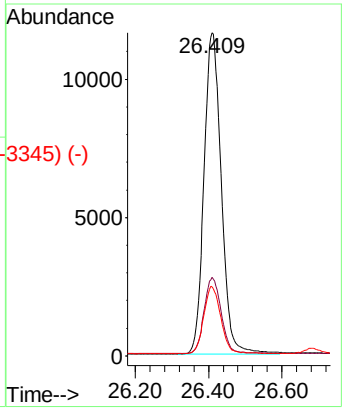




#47
Benzo(g,h,i)perylene
Concen: 0.44 ng
RT: 26.409 min Scan# 3403
Delta R.T. 0.000 min
Lab File: BN013864.D
Acq: 08 Mar 2021 09:46

Tgt Ion:276 Resp: 37946

Ion	Ratio	Lower	Upper
276	100		
277	24.4	20.0	30.0
138	21.3	17.8	26.8



Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4