Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092520\
Data File : BN011943.D
Acq On : 25 Sep 2020 10:06
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4

Quant Time: Sep 25 11:18:59 2020
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 25 11:18:41 2020
Response via : Initial Calibration

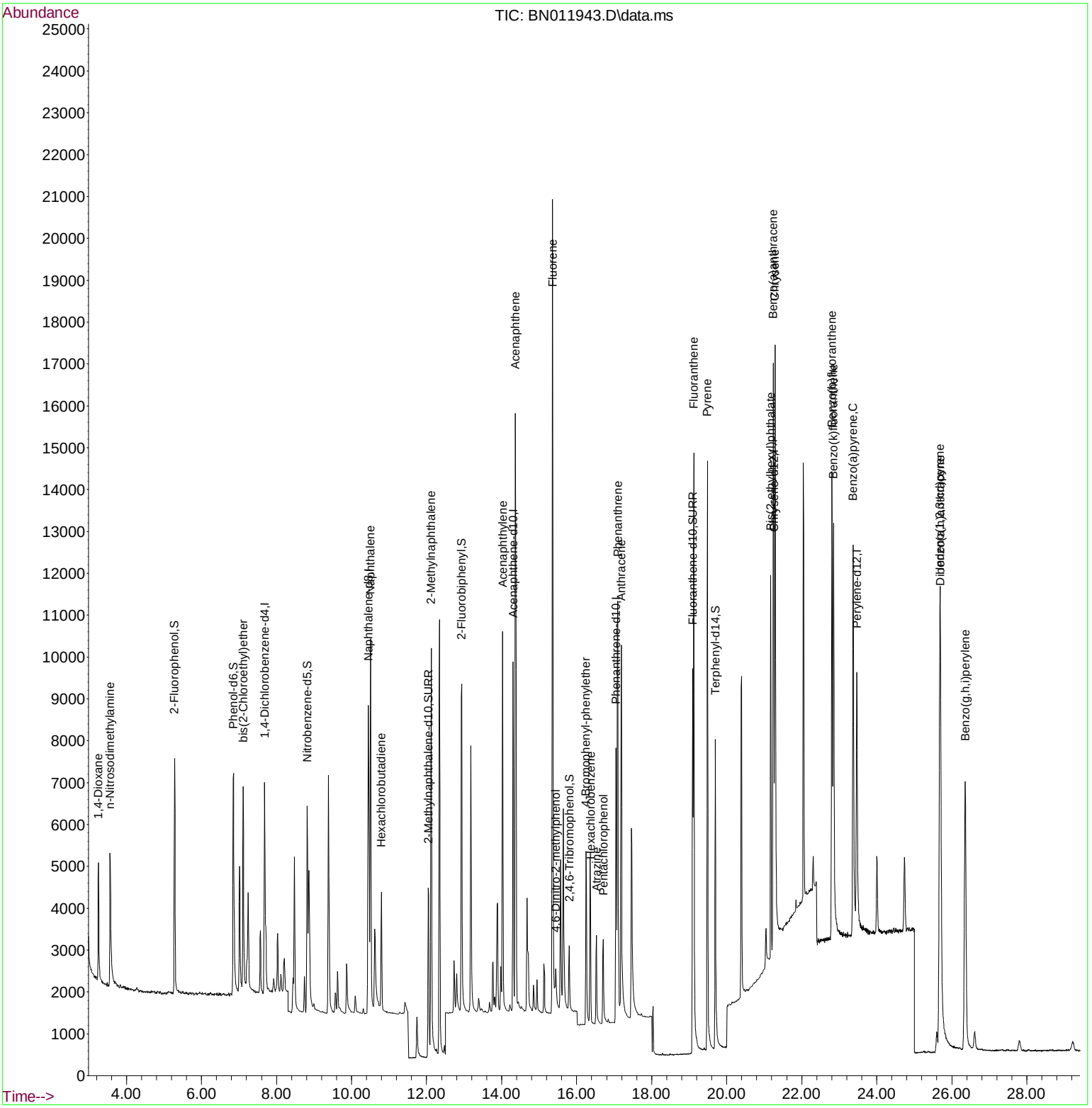
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.683	152	2460	0.40	ng		0.00
7) Naphthalene-d8	10.453	136	10016	0.40	ng		# 0.00
13) Acenaphthene-d10	14.306	164	5086	0.40	ng		0.00
19) Phenanthrene-d10	17.053	188	9830	0.40	ng		# 0.00
29) Chrysene-d12	21.259	240	8940	0.40	ng		# 0.00
36) Perylene-d12	23.470	264	9278	0.40	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.283	112	3912	0.45	ng		0.00
5) Phenol-d6	6.853	99	4952	0.46	ng		0.00
8) Nitrobenzene-d5	8.818	82	4749	0.46	ng		0.00
11) 2-Methylnaphthalene-d10	12.046	152	6564	0.41	ng		0.00
14) 2,4,6-Tribromophenol	15.803	330	1084	0.44	ng		0.00
15) 2-Fluorobiphenyl	12.936	172	8444	0.44	ng		0.00
27) Fluoranthene-d10	19.092	212	11821	0.41	ng		0.00
31) Terphenyl-d14	19.698	244	8849	0.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.253	88	1737	0.41	ng		94
3) n-Nitrosodimethylamine	3.559	42	2972	0.48	ng	#	98
6) bis(2-Chloroethyl)ether	7.111	93	3588	0.39	ng		87
9) Naphthalene	10.504	128	11971	0.42	ng		99
10) Hexachlorobutadiene	10.795	225	2079	0.44	ng	#	98
12) 2-Methylnaphthalene	12.122	142	7626	0.42	ng		97
16) Acenaphthylene	14.027	152	10210	0.42	ng		99
17) Acenaphthene	14.369	154	6880	0.41	ng		91
18) Fluorene	15.359	166	8423	0.41	ng		99
20) 4,6-Dinitro-2-methylph...	15.448	198	767	0.41	ng	#	37
21) 4-Bromophenyl-phenylether	16.250	248	2183	0.42	ng	#	49
22) Hexachlorobenzene	16.372	284	2683	0.44	ng	#	80
23) Atrazine	16.530	200	2092	0.42	ng		99
24) Pentachlorophenol	16.713	266	1163	0.39	ng		98
25) Phenanthrene	17.102	178	12317	0.41	ng		99
26) Anthracene	17.187	178	10801	0.41	ng		100
28) Fluoranthene	19.122	202	13248	0.39	ng	#	95
30) Pyrene	19.484	202	14081	0.42	ng		100
32) Benzo(a)anthracene	21.237	228	11695	0.41	ng		99
33) Chrysene	21.290	228	12725	0.41	ng		100
34) Bis(2-ethylhexyl)phtha...	21.174	149	8218	0.41	ng	#	91
35) Indeno(1,2,3-cd)pyrene	25.681	276	15875	0.45	ng	#	94
37) Benzo(b)fluoranthene	22.806	252	12939	0.41	ng	#	78
38) Benzo(k)fluoranthene	22.847	252	14357	0.42	ng	#	88
39) Benzo(a)pyrene	23.371	252	12807	0.44	ng	#	64
40) Dibenzo(a,h)anthracene	25.698	278	12684	0.42	ng	#	89
41) Benzo(g,h,i)perylene	26.359	276	13677	0.42	ng	#	91

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

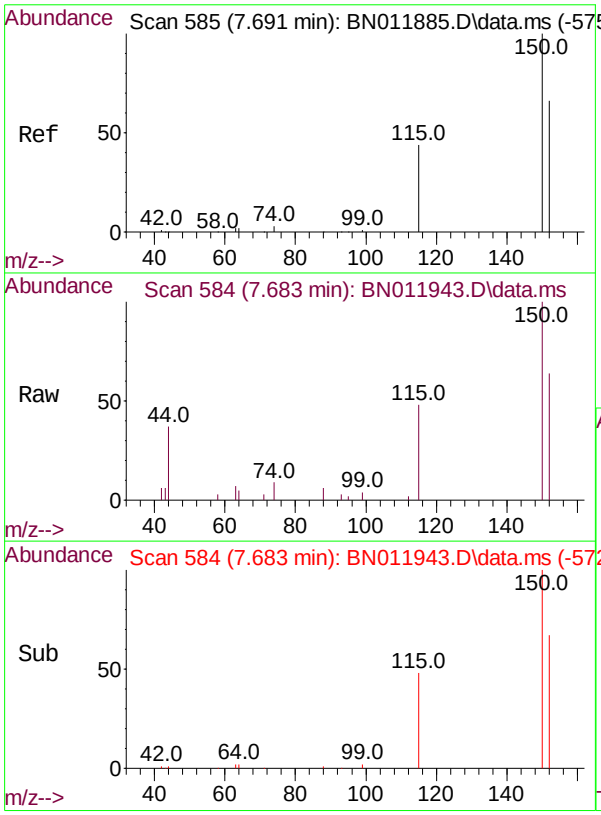
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092520\
Data File : BN011943.D
Acq On : 25 Sep 2020 10:06
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Sep 25 11:18:59 2020
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 25 11:18:41 2020
Response via : Initial Calibration



Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

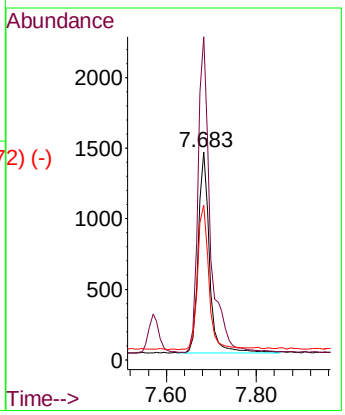


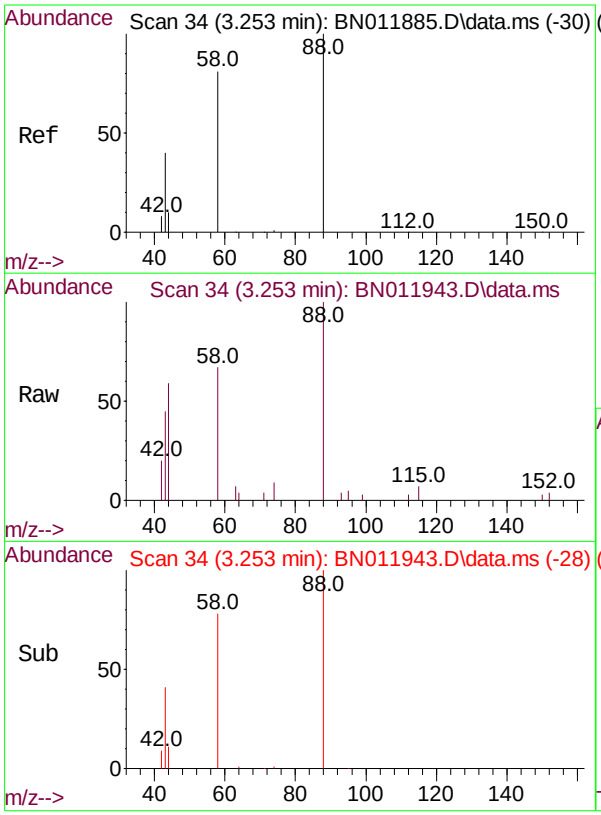
#1

1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.683 min Scan# 584
Delta R.T. -0.000 min
Lab File: BN011943.D
Acq: 25 Sep 2020 10:06

Tgt Ion:152 Resp: 2460

Ion	Ratio	Lower	Upper
152	100		
150	155.2	118.3	177.5
115	74.3	51.3	76.9



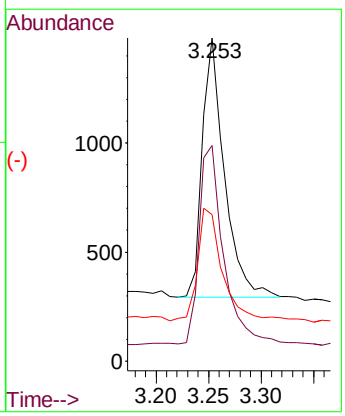


#2

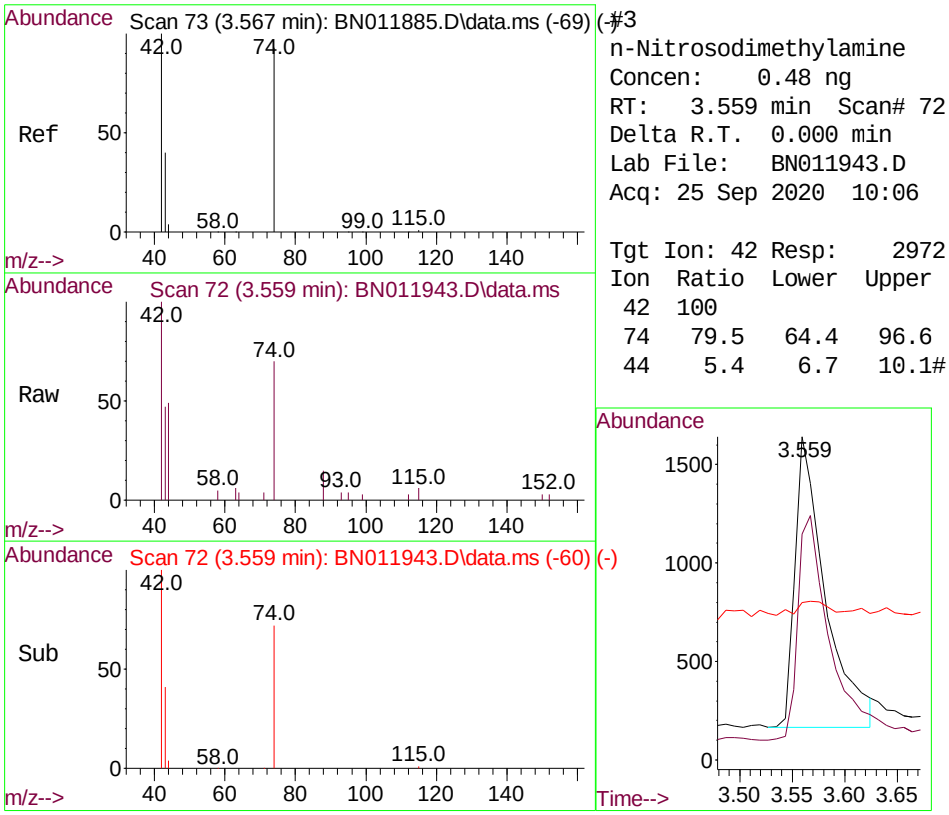
1,4-Dioxane
Concen: 0.41 ng
RT: 3.253 min Scan# 34
Delta R.T. 0.000 min
Lab File: BN011943.D
Acq: 25 Sep 2020 10:06

Tgt Ion: 88 Resp: 1737

Ion	Ratio	Lower	Upper
88	100		
58	84.1	63.3	94.9
43	44.6	33.0	49.4



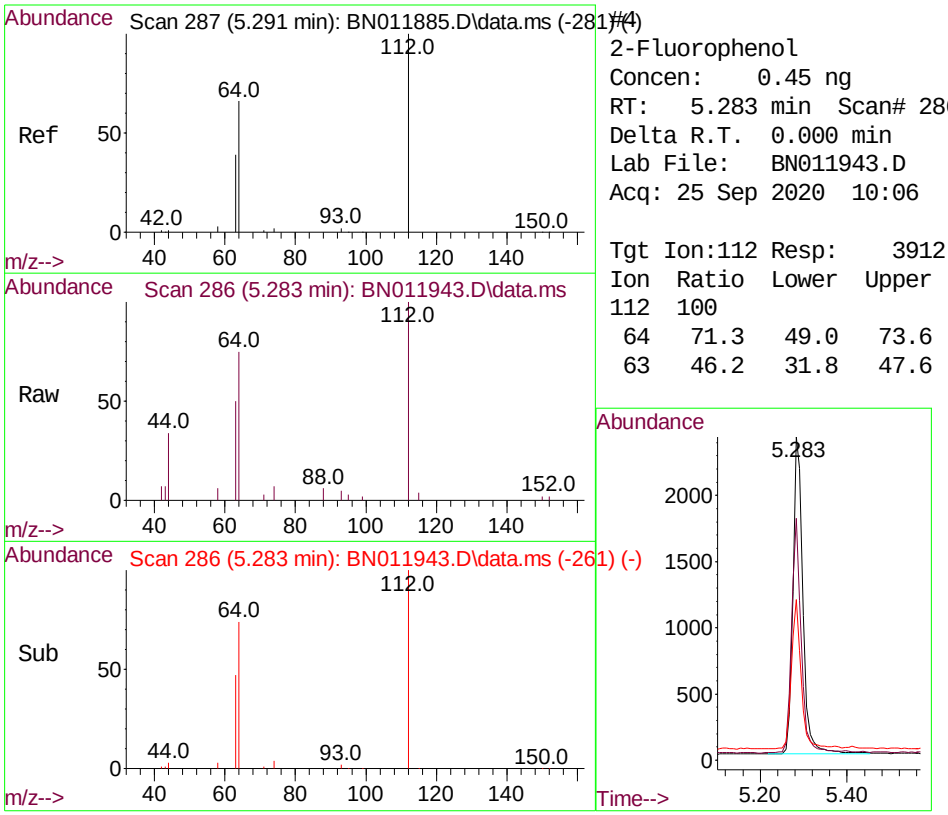
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4



n-Nitrosodimethylamine
Concen: 0.48 ng
RT: 3.559 min Scan# 72
Delta R.T. 0.000 min
Lab File: BN011943.D
Acq: 25 Sep 2020 10:06

Tgt Ion: 42 Resp: 2972

Ion	Ratio	Lower	Upper
42	100		
74	79.5	64.4	96.6
44	5.4	6.7	10.1#

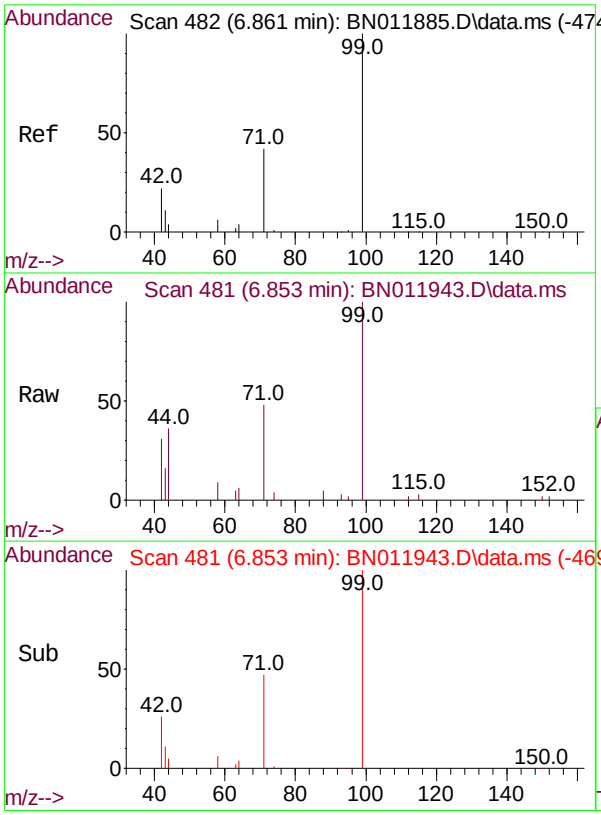


2-Fluorophenol
Concen: 0.45 ng
RT: 5.283 min Scan# 286
Delta R.T. 0.000 min
Lab File: BN011943.D
Acq: 25 Sep 2020 10:06

Tgt Ion:112 Resp: 3912

Ion	Ratio	Lower	Upper
112	100		
64	71.3	49.0	73.6
63	46.2	31.8	47.6

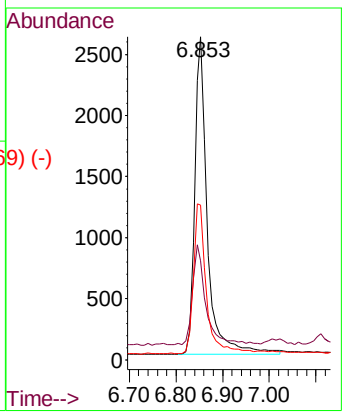
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

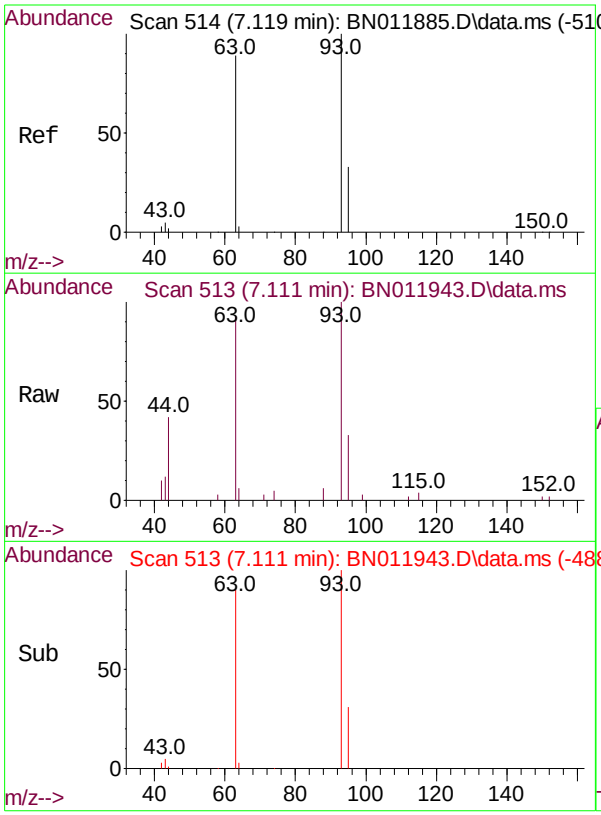


#5
Phenol-d6
Concen: 0.46 ng
RT: 6.853 min Scan# 481
Delta R.T. 0.000 min
Lab File: BN011943.D
Acq: 25 Sep 2020 10:06

Tgt Ion: 99 Resp: 4952

Ion	Ratio	Lower	Upper
99	100		
42	33.1	23.4	35.0
71	48.7	38.1	57.1

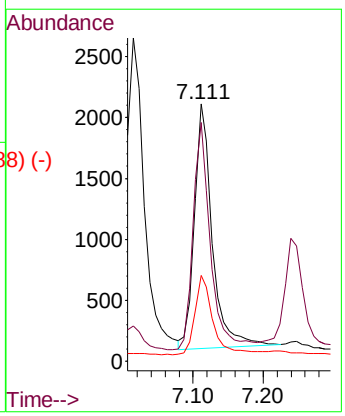




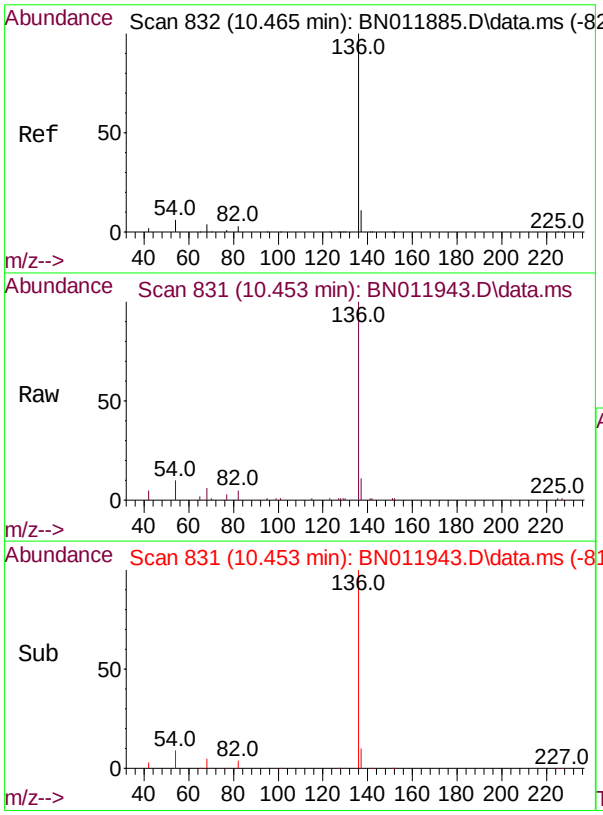
#6
bis(2-Chloroethyl)ether
Concen: 0.39 ng
RT: 7.111 min Scan# 513
Delta R.T. 0.000 min
Lab File: BN011943.D
Acq: 25 Sep 2020 10:06

Tgt Ion: 93 Resp: 3588

Ion	Ratio	Lower	Upper
93	100		
63	91.4	61.1	91.7
95	32.5	25.5	38.3



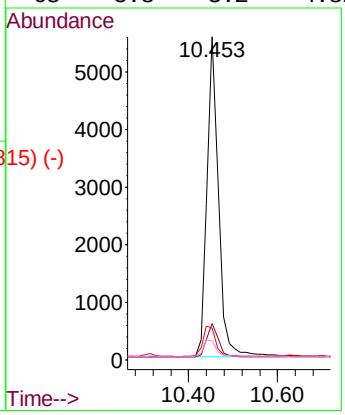
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

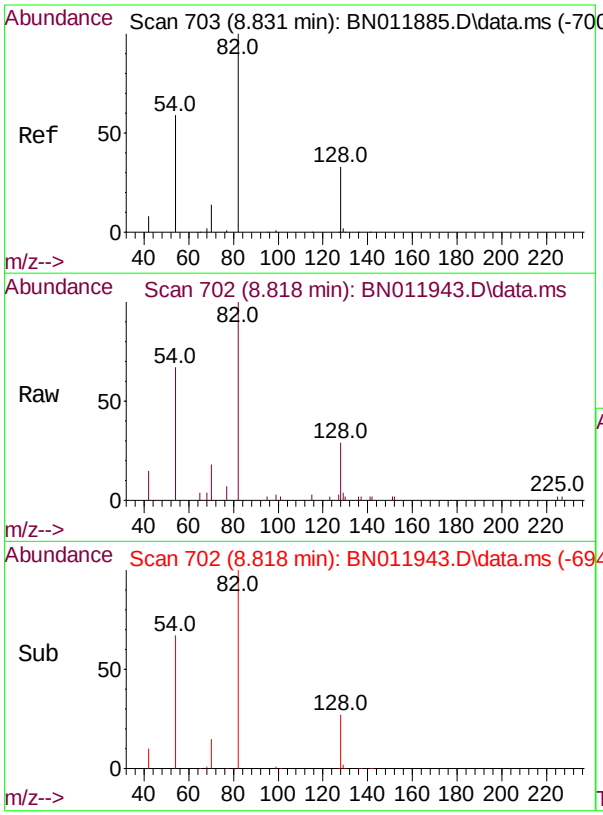


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.453 min Scan# 831
Delta R.T. 0.000 min
Lab File: BN011943.D
Acq: 25 Sep 2020 10:06

Tgt Ion:136 Resp: 10016

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.5	14.3
54	9.8	5.6	8.4#
68	5.8	3.2	4.8#

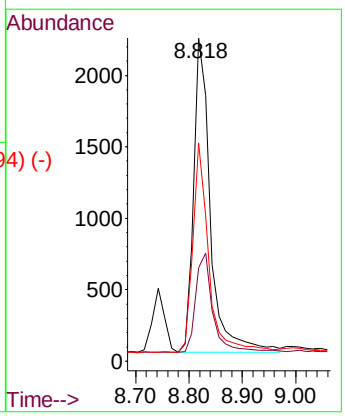




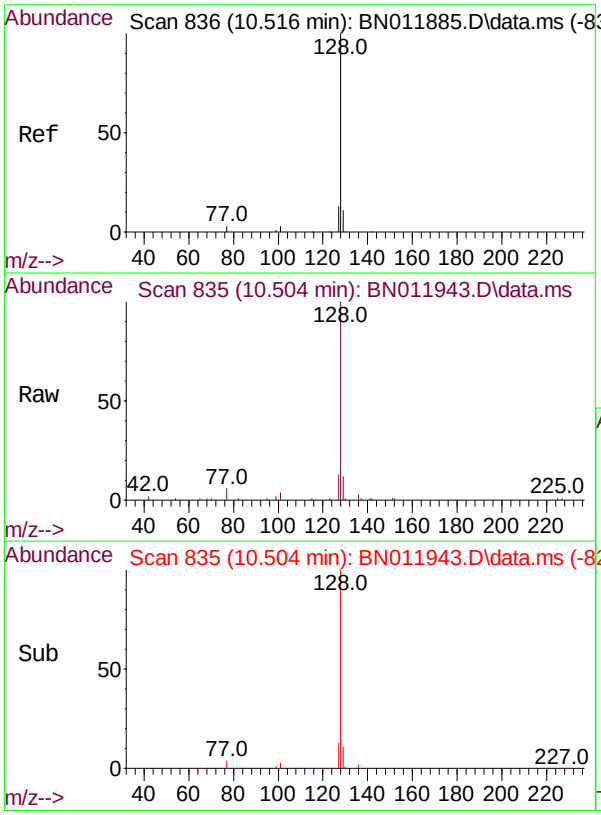
#8
Nitrobenzene-d5
Concen: 0.46 ng
RT: 8.818 min Scan# 702
Delta R.T. 0.000 min
Lab File: BN011943.D
Acq: 25 Sep 2020 10:06

Tgt Ion: 82 Resp: 4749

Ion	Ratio	Lower	Upper
82	100		
128	28.9	34.2	51.2#
54	67.5	43.1	64.7#



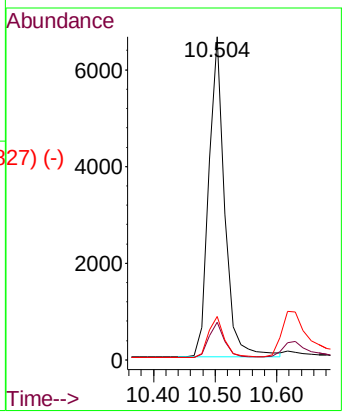
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

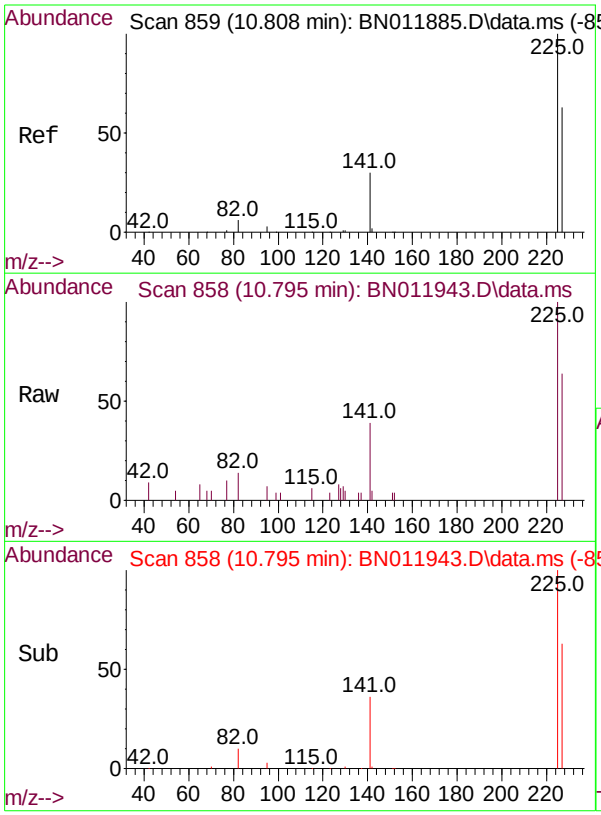


#9
Naphthalene
Concen: 0.42 ng
RT: 10.504 min Scan# 835
Delta R.T. 0.000 min
Lab File: BN011943.D
Acq: 25 Sep 2020 10:06

Tgt Ion:128 Resp: 11971

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.7	14.5
127	13.5	11.0	16.4

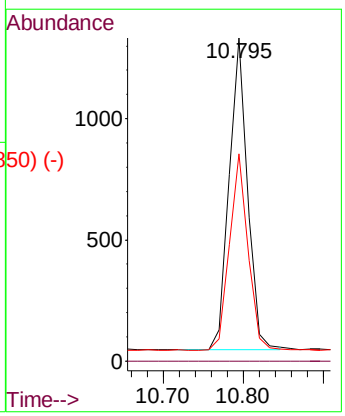




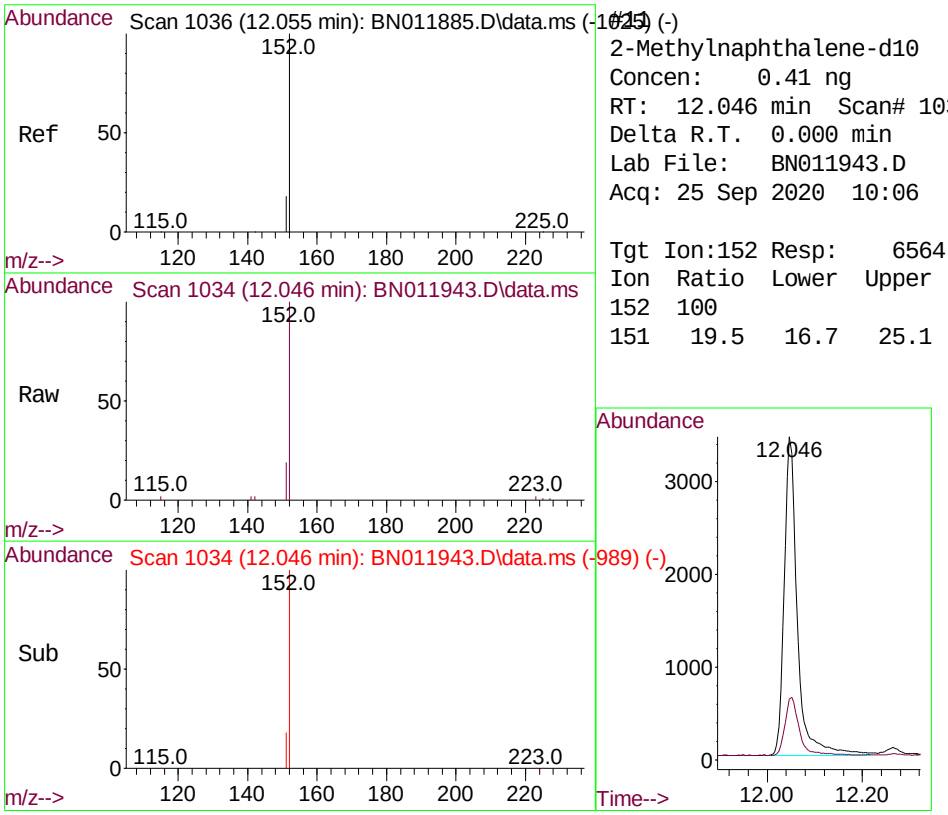
#10
Hexachlorobutadiene
Concen: 0.44 ng
RT: 10.795 min Scan# 858
Delta R.T. 0.000 min
Lab File: BN011943.D
Acq: 25 Sep 2020 10:06

Tgt Ion:225 Resp: 2079

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.1	51.9	77.9



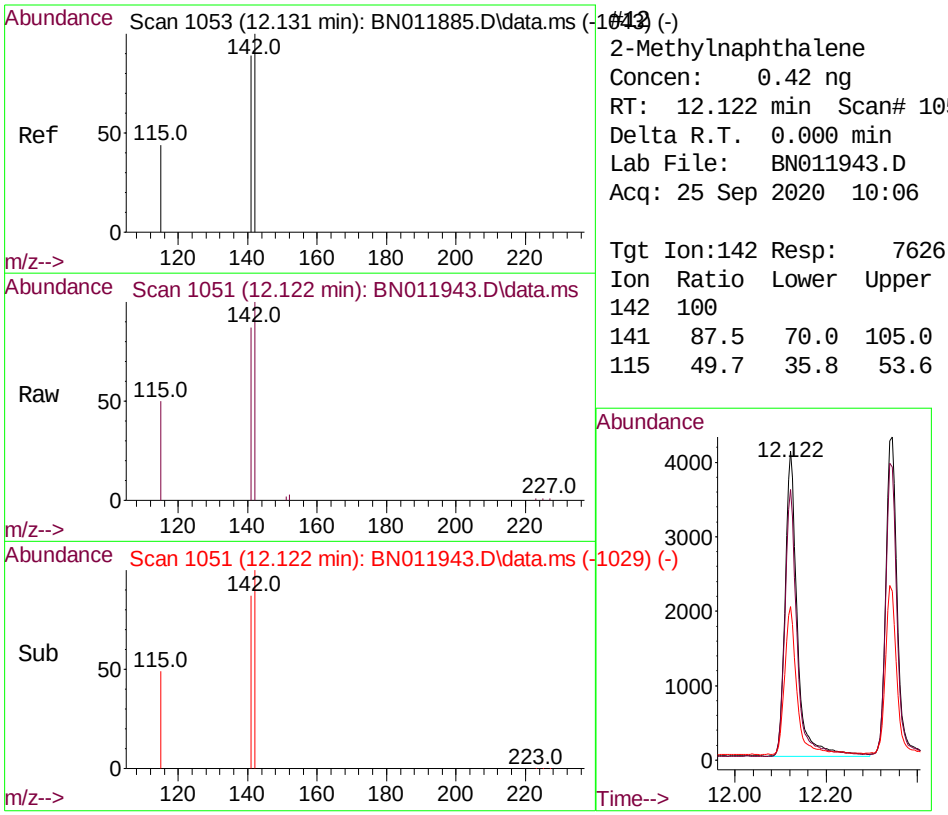
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4



#11
2-Methylnaphthalene-d10
Concen: 0.41 ng
RT: 12.046 min Scan# 1034
Delta R.T. 0.000 min
Lab File: BN011943.D
Acq: 25 Sep 2020 10:06

Tgt Ion:152 Resp: 6564

Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.7	25.1

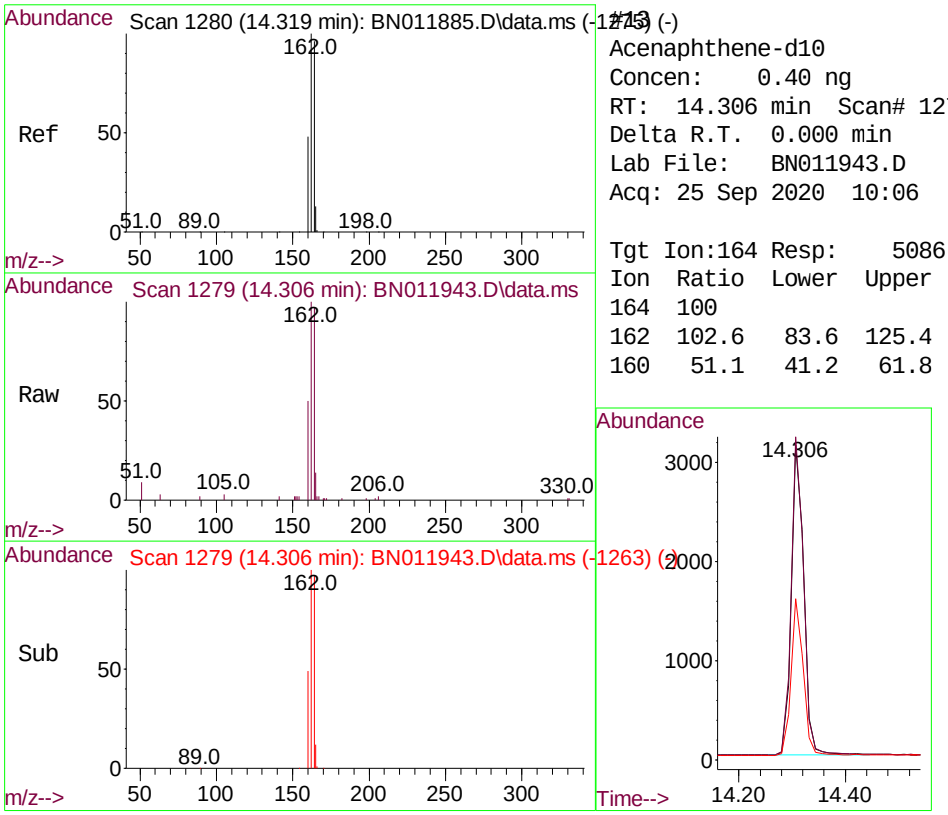


#12
2-Methylnaphthalene
Concen: 0.42 ng
RT: 12.122 min Scan# 1051
Delta R.T. 0.000 min
Lab File: BN011943.D
Acq: 25 Sep 2020 10:06

Tgt Ion:142 Resp: 7626

Ion	Ratio	Lower	Upper
142	100		
141	87.5	70.0	105.0
115	49.7	35.8	53.6

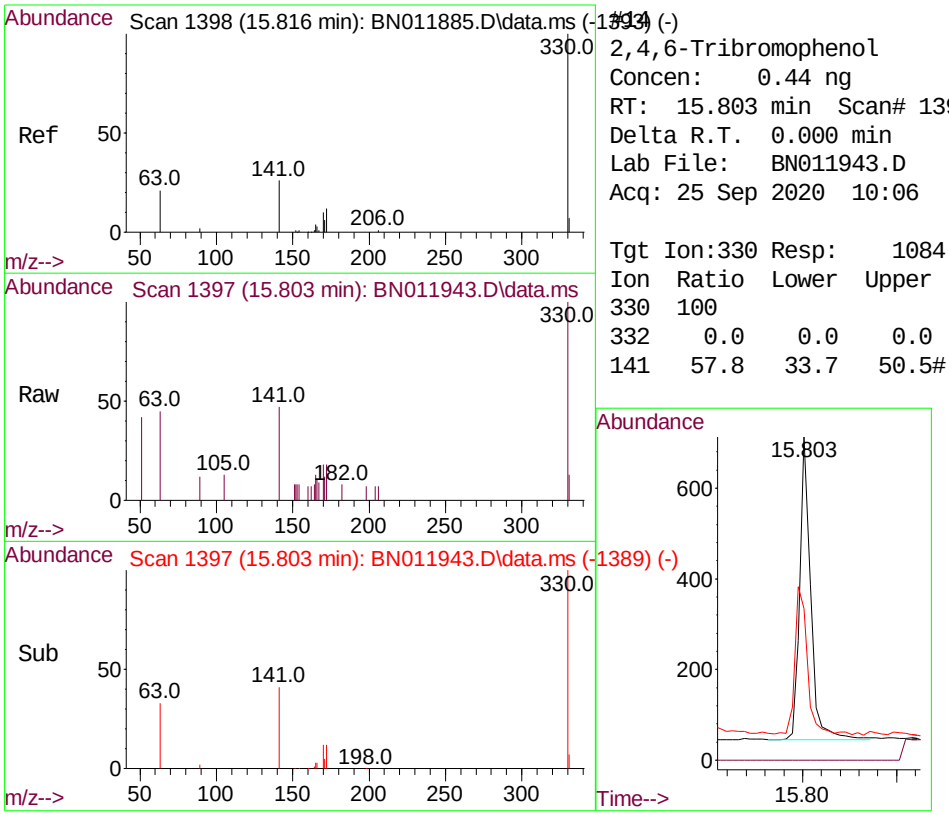
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.306 min Scan# 1279
Delta R.T. 0.000 min
Lab File: BN011943.D
Acq: 25 Sep 2020 10:06

Tgt Ion:164 Resp: 5086

Ion	Ratio	Lower	Upper
164	100		
162	102.6	83.6	125.4
160	51.1	41.2	61.8

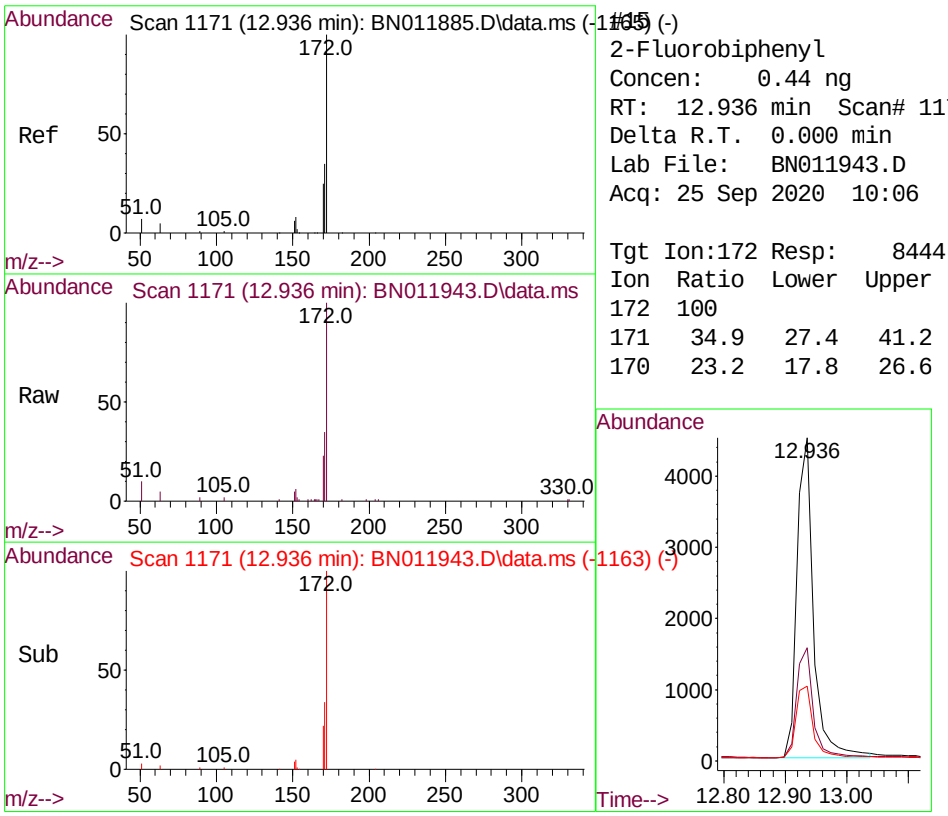


#14
2,4,6-Tribromophenol
Concen: 0.44 ng
RT: 15.803 min Scan# 1397
Delta R.T. 0.000 min
Lab File: BN011943.D
Acq: 25 Sep 2020 10:06

Tgt Ion:330 Resp: 1084

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	57.8	33.7	50.5#

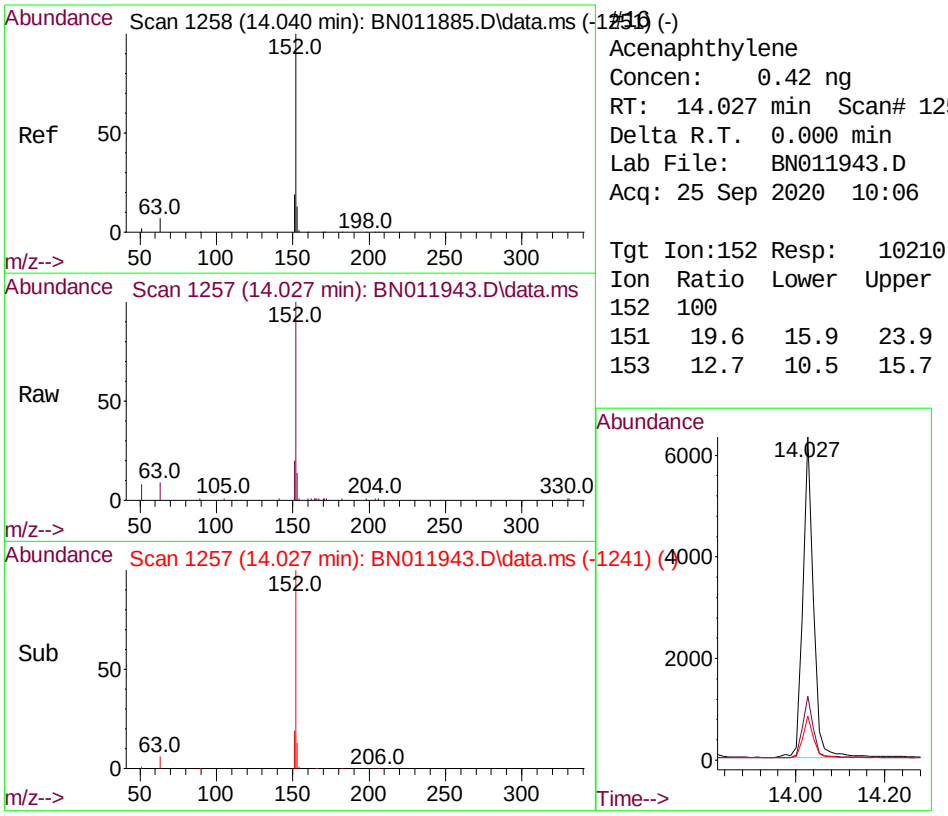
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4



#15
2-Fluorobiphenyl
Concen: 0.44 ng
RT: 12.936 min Scan# 1171
Delta R.T. 0.000 min
Lab File: BN011943.D
Acq: 25 Sep 2020 10:06

Tgt Ion:172 Resp: 8444

Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.4	41.2
170	23.2	17.8	26.6

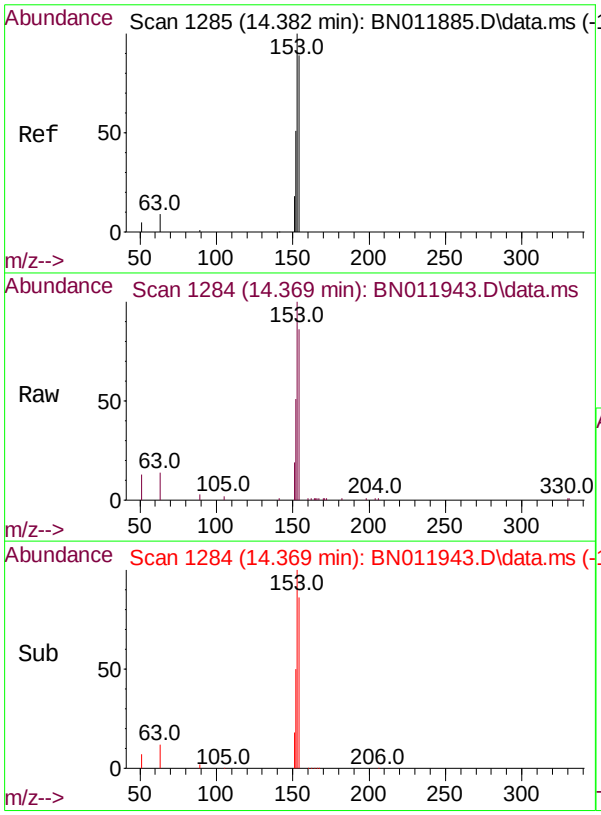


#16
Acenaphthylene
Concen: 0.42 ng
RT: 14.027 min Scan# 1257
Delta R.T. 0.000 min
Lab File: BN011943.D
Acq: 25 Sep 2020 10:06

Tgt Ion:152 Resp: 10210

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.9	23.9
153	12.7	10.5	15.7

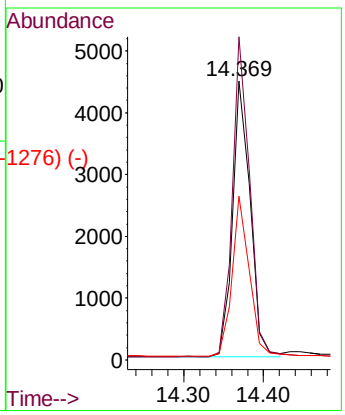
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

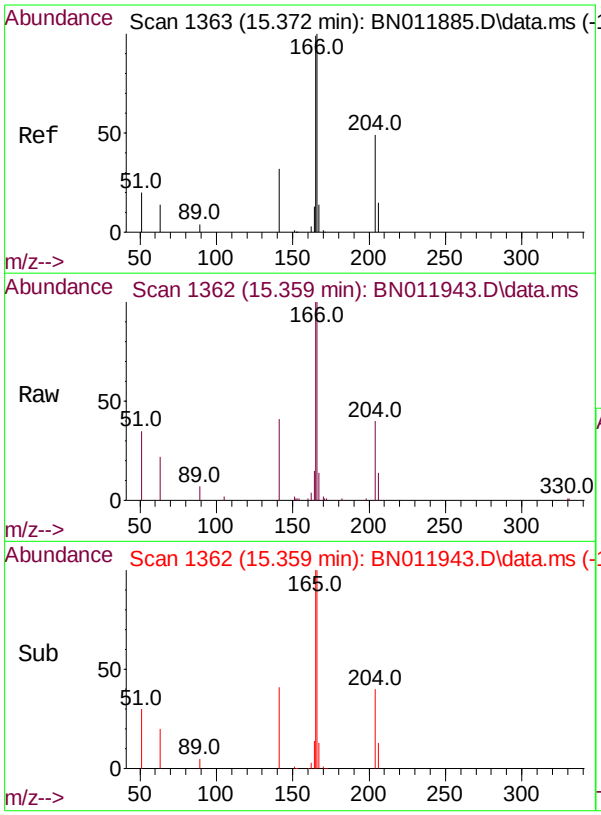


#17
Acenaphthene
Concen: 0.41 ng
RT: 14.369 min Scan# 1284
Delta R.T. 0.000 min
Lab File: BN011943.D
Acq: 25 Sep 2020 10:06

Tgt Ion:154 Resp: 6880

Ion	Ratio	Lower	Upper
154	100		
153	115.9	83.4	125.2
152	57.5	42.8	64.2

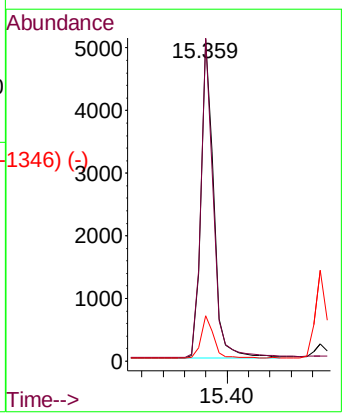




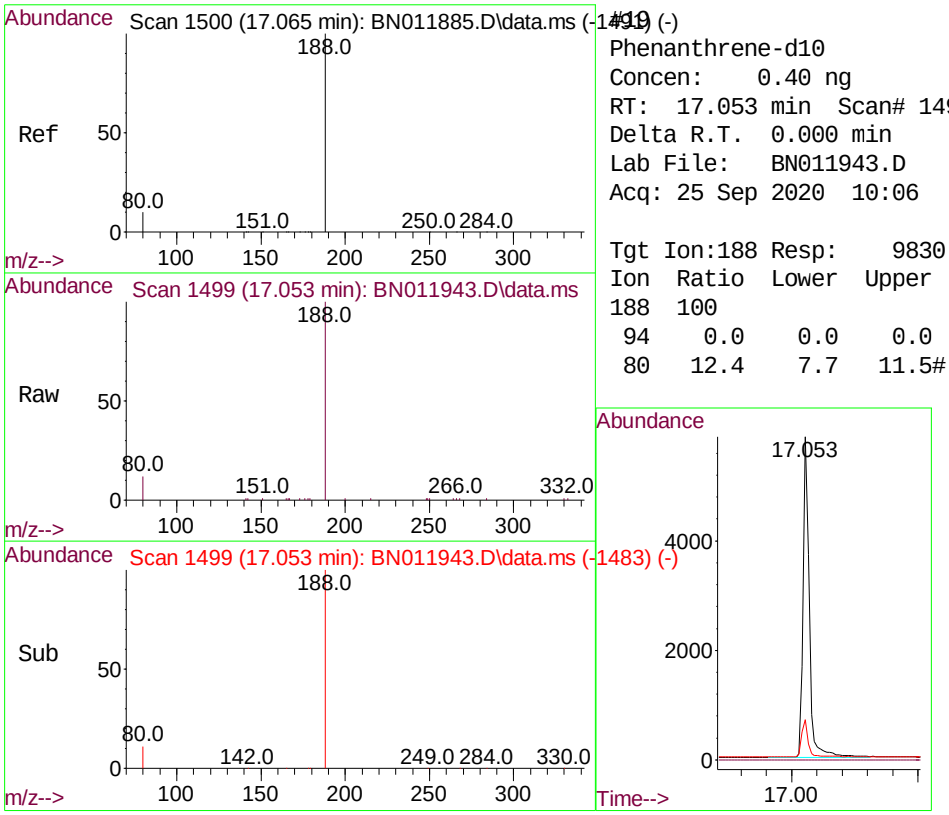
#18
Fluorene
Concen: 0.41 ng
RT: 15.359 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BN011943.D
Acq: 25 Sep 2020 10:06

Tgt Ion:166 Resp: 8423

Ion	Ratio	Lower	Upper
166	100		
165	97.5	78.8	118.2
167	13.3	11.2	16.8



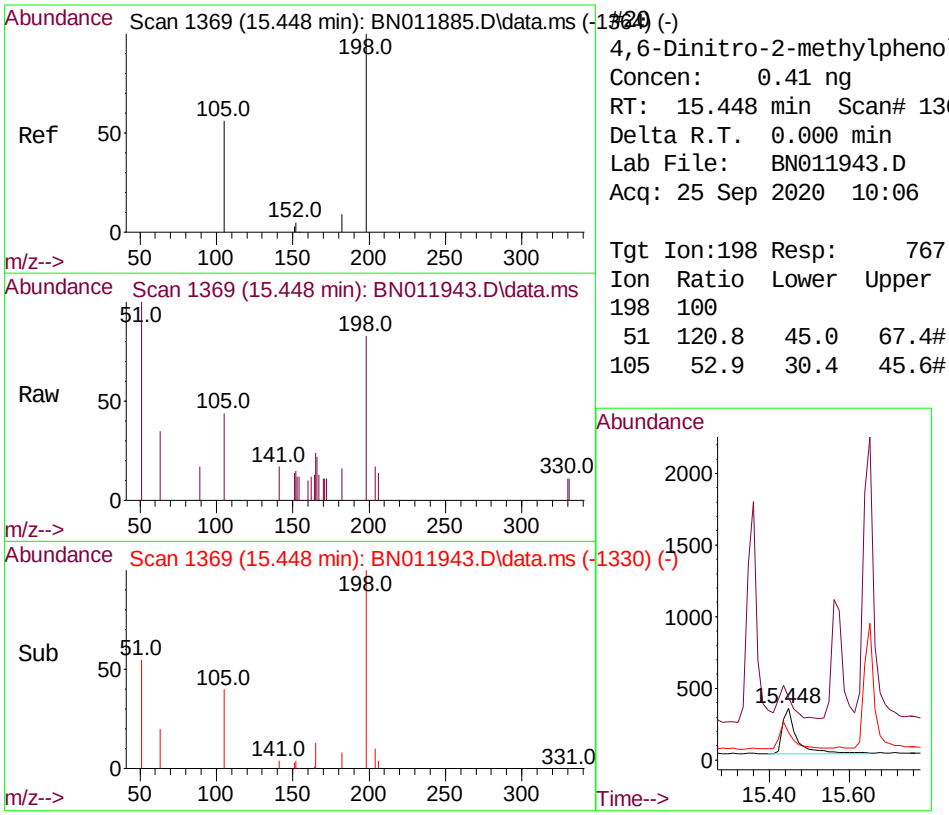
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.053 min Scan# 1499
Delta R.T. 0.000 min
Lab File: BN011943.D
Acq: 25 Sep 2020 10:06

Tgt Ion:188 Resp: 9830

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.4	7.7	11.5#

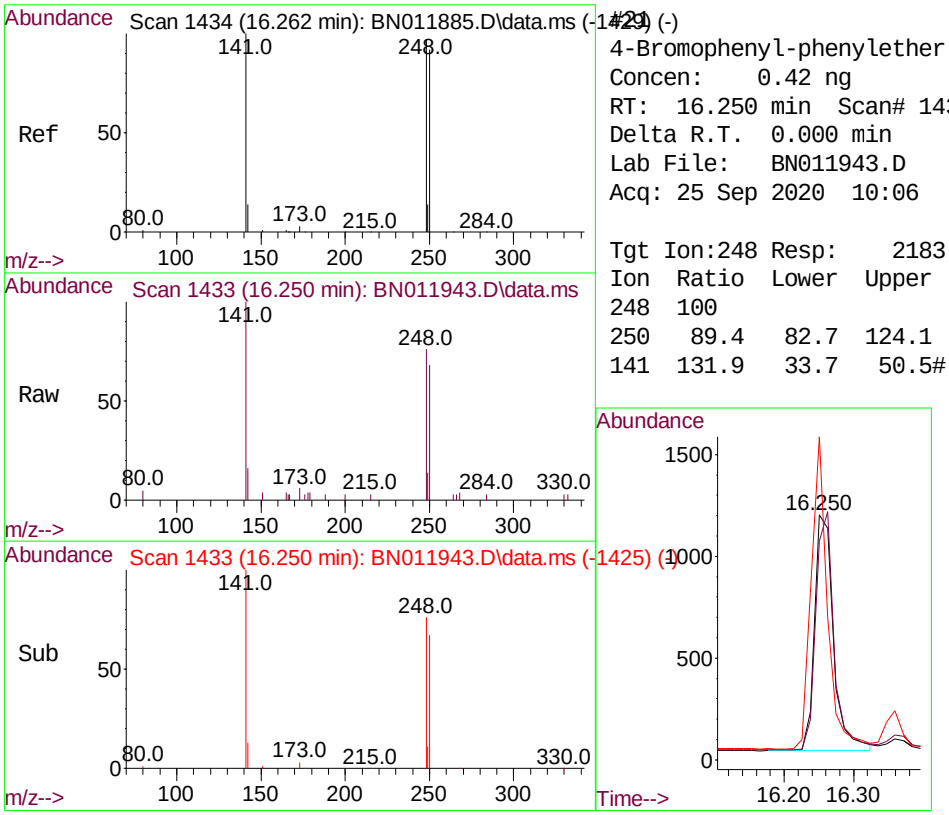


#20
4,6-Dinitro-2-methylphenol
Concen: 0.41 ng
RT: 15.448 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BN011943.D
Acq: 25 Sep 2020 10:06

Tgt Ion:198 Resp: 767

Ion	Ratio	Lower	Upper
198	100		
51	120.8	45.0	67.4#
105	52.9	30.4	45.6#

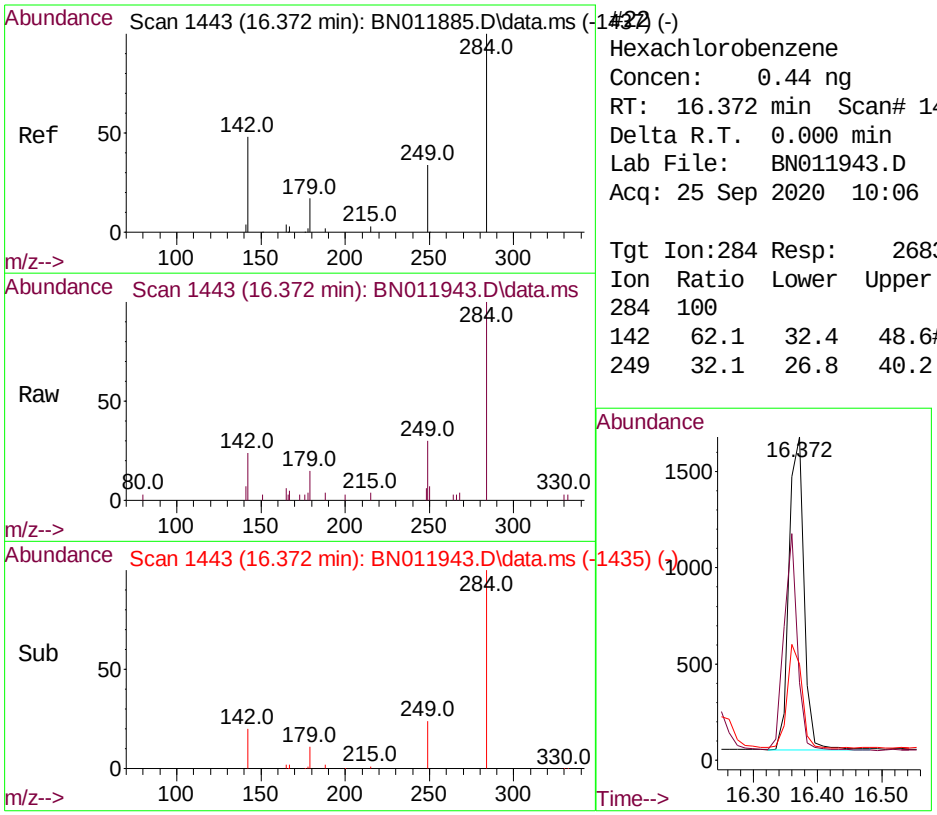
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4



#21
4-Bromophenyl-phenylether
Concen: 0.42 ng
RT: 16.250 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BN011943.D
Acq: 25 Sep 2020 10:06

Tgt Ion:248 Resp: 2183

Ion	Ratio	Lower	Upper
248	100		
250	89.4	82.7	124.1
141	131.9	33.7	50.5#

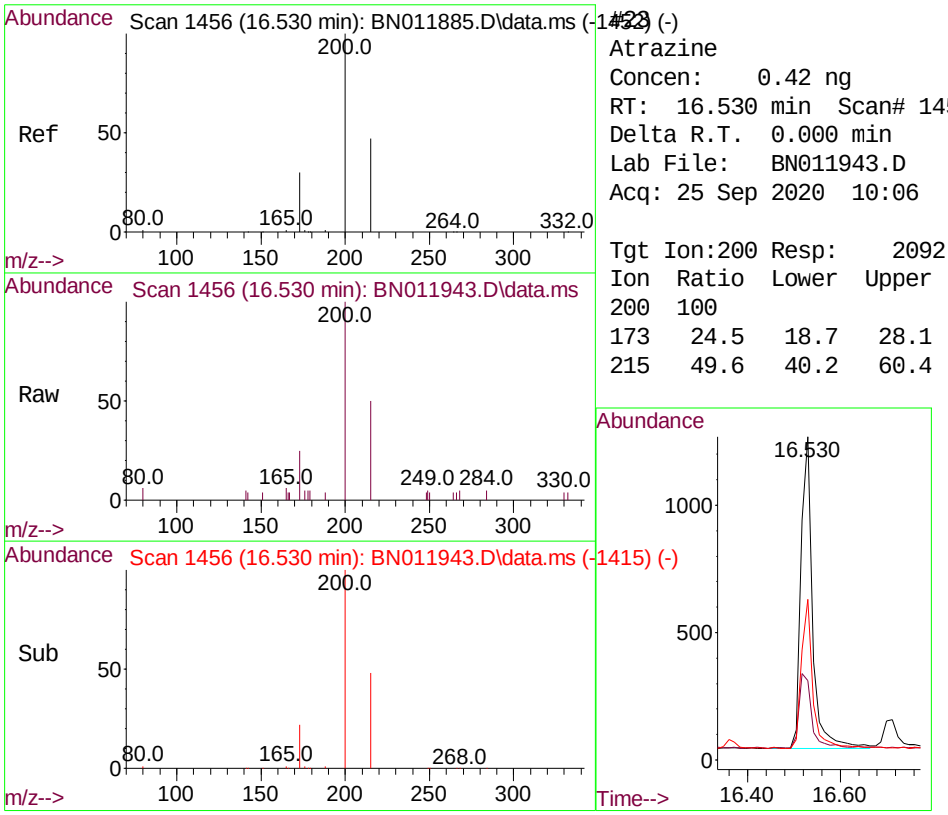


#22
Hexachlorobenzene
Concen: 0.44 ng
RT: 16.372 min Scan# 1443
Delta R.T. 0.000 min
Lab File: BN011943.D
Acq: 25 Sep 2020 10:06

Tgt Ion:284 Resp: 2683

Ion	Ratio	Lower	Upper
284	100		
142	62.1	32.4	48.6#
249	32.1	26.8	40.2

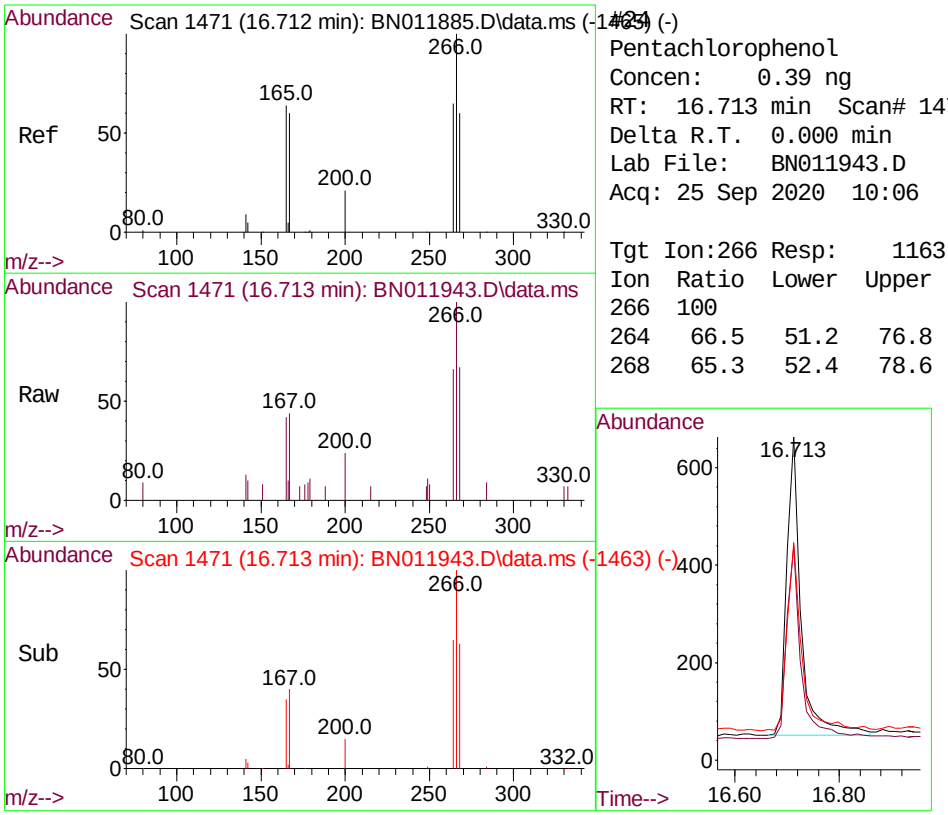
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4



#22
Atrazine
Concen: 0.42 ng
RT: 16.530 min Scan# 1456
Delta R.T. 0.000 min
Lab File: BN011943.D
Acq: 25 Sep 2020 10:06

Tgt Ion:200 Resp: 2092

Ion	Ratio	Lower	Upper
200	100		
173	24.5	18.7	28.1
215	49.6	40.2	60.4

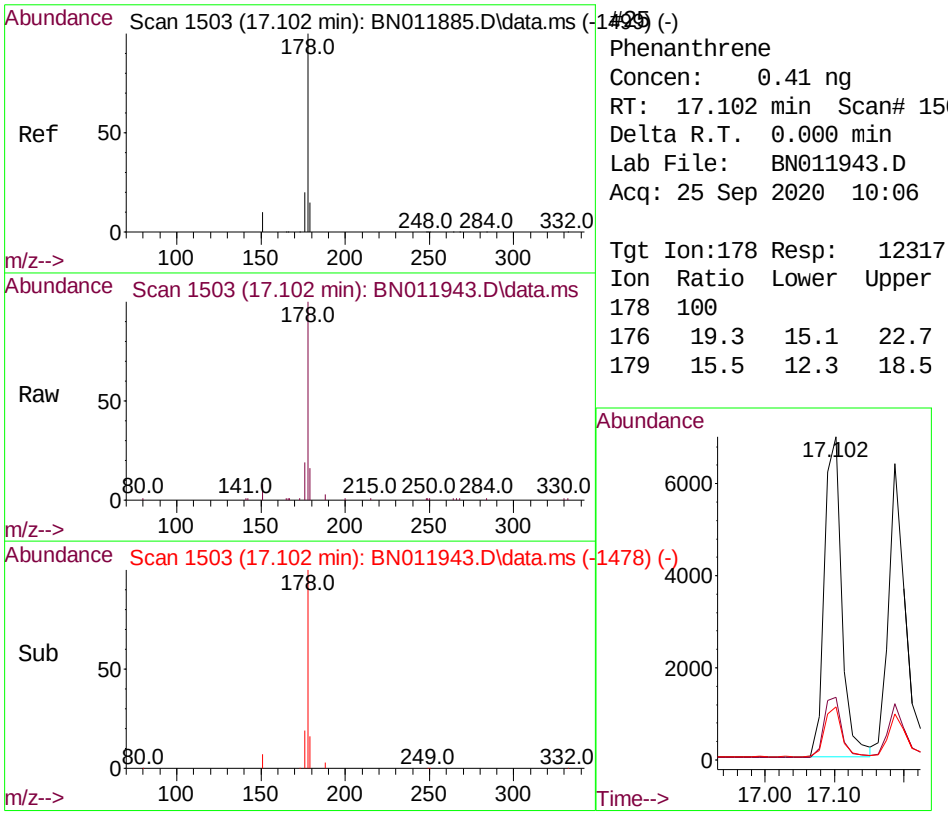


#24
Pentachlorophenol
Concen: 0.39 ng
RT: 16.713 min Scan# 1471
Delta R.T. 0.000 min
Lab File: BN011943.D
Acq: 25 Sep 2020 10:06

Tgt Ion:266 Resp: 1163

Ion	Ratio	Lower	Upper
266	100		
264	66.5	51.2	76.8
268	65.3	52.4	78.6

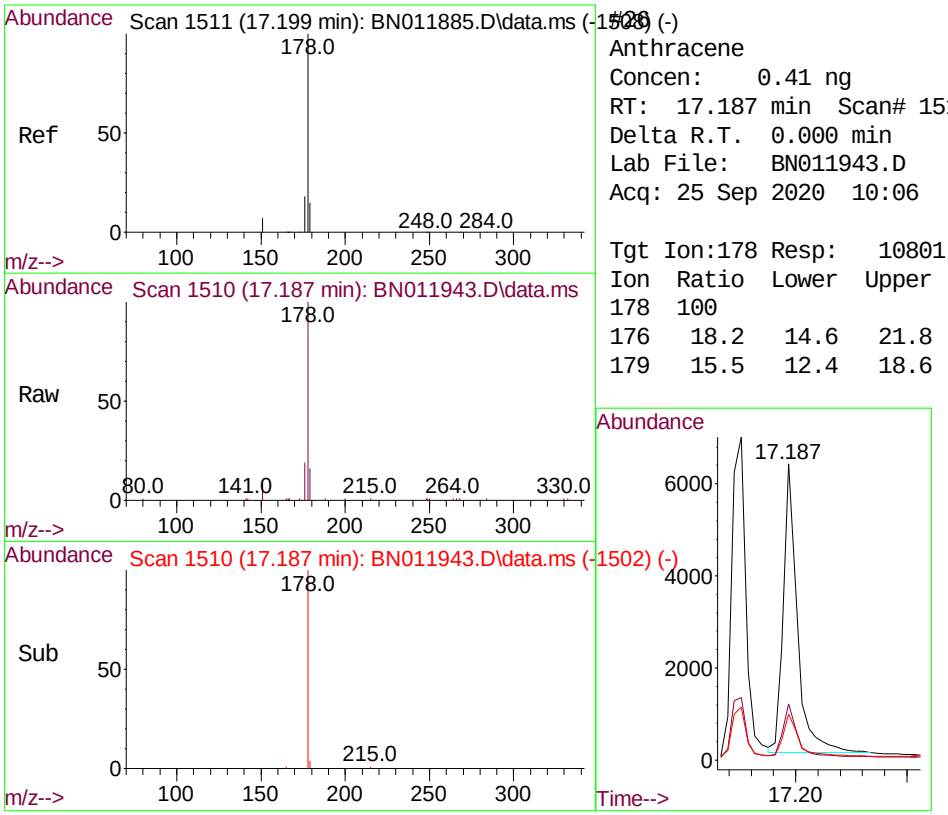
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4



#25
Phenanthrene
Concen: 0.41 ng
RT: 17.102 min Scan# 1503
Delta R.T. 0.000 min
Lab File: BN011943.D
Acq: 25 Sep 2020 10:06

Tgt Ion:178 Resp: 12317

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.1	22.7
179	15.5	12.3	18.5

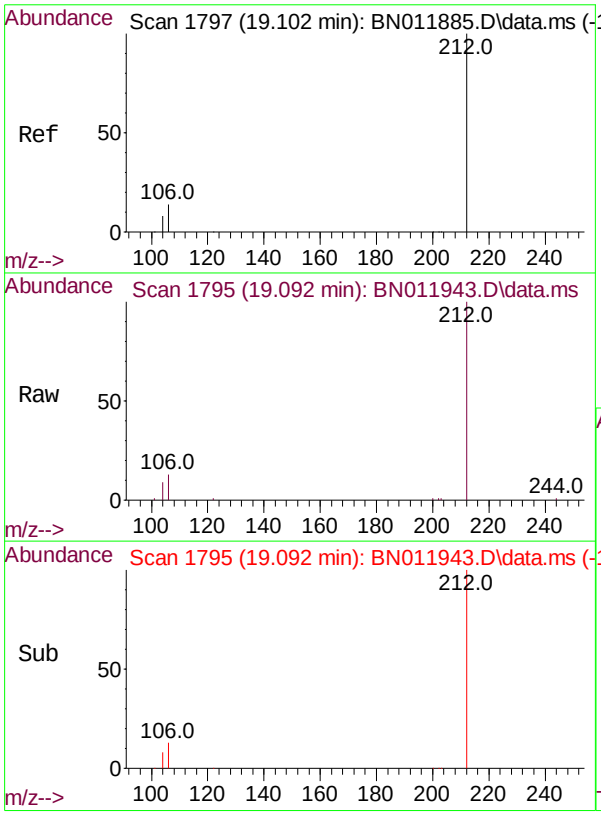


#26
Anthracene
Concen: 0.41 ng
RT: 17.187 min Scan# 1510
Delta R.T. 0.000 min
Lab File: BN011943.D
Acq: 25 Sep 2020 10:06

Tgt Ion:178 Resp: 10801

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.6	21.8
179	15.5	12.4	18.6

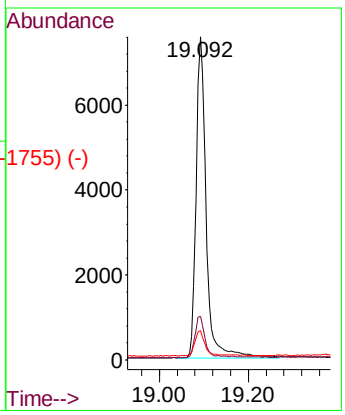
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

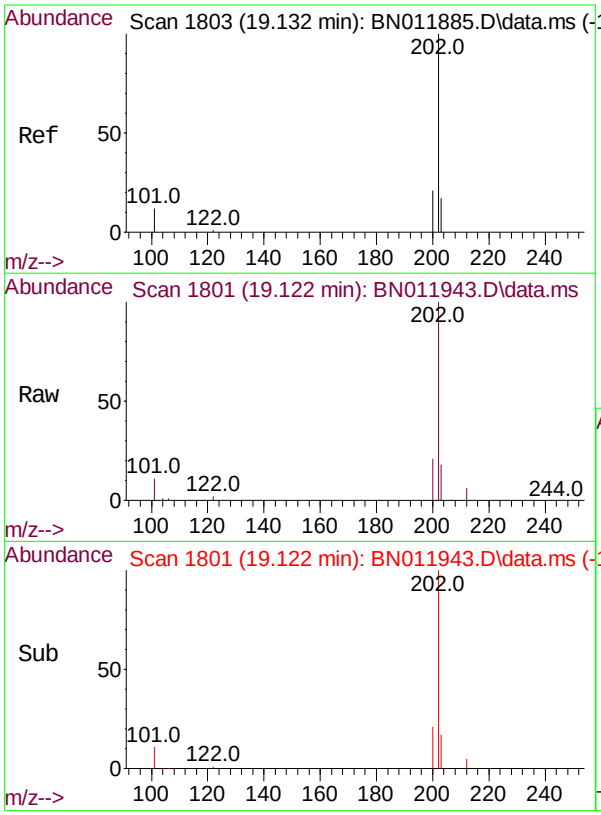


#27
Fluoranthene-d10
Concen: 0.41 ng
RT: 19.092 min Scan# 1795
Delta R.T. 0.000 min
Lab File: BN011943.D
Acq: 25 Sep 2020 10:06

Tgt Ion:212 Resp: 11821

Ion	Ratio	Lower	Upper
212	100		
106	12.6	6.4	9.6#
104	7.9	3.9	5.9#

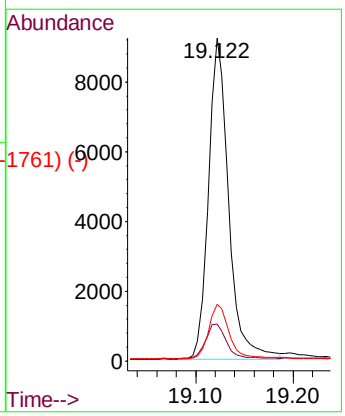




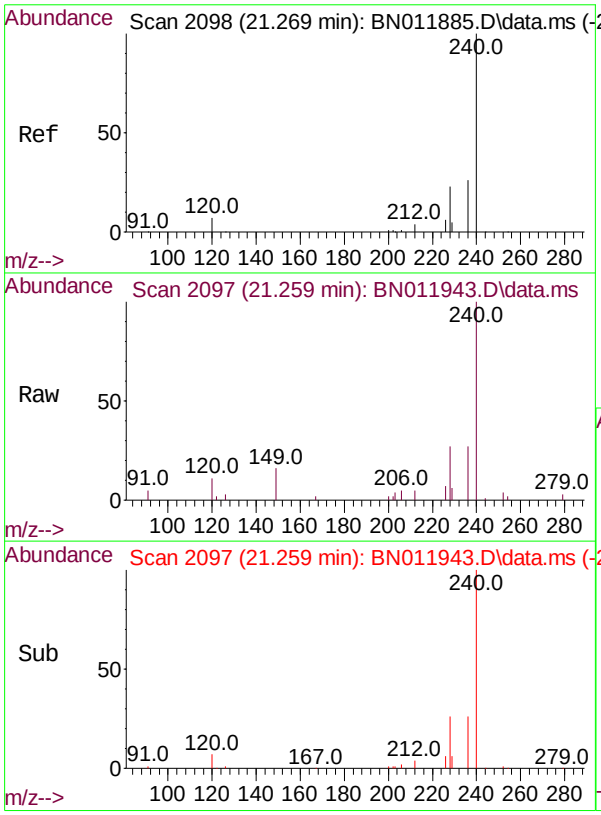
#28
Fluoranthene
Concen: 0.39 ng
RT: 19.122 min Scan# 1801
Delta R.T. 0.000 min
Lab File: BN011943.D
Acq: 25 Sep 2020 10:06

Tgt Ion:202 Resp: 13248

Ion	Ratio	Lower	Upper
202	100		
101	12.3	5.4	8.2#
203	17.3	13.8	20.6



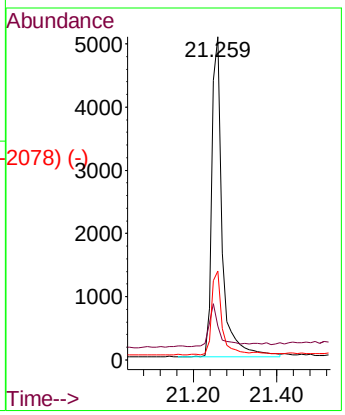
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

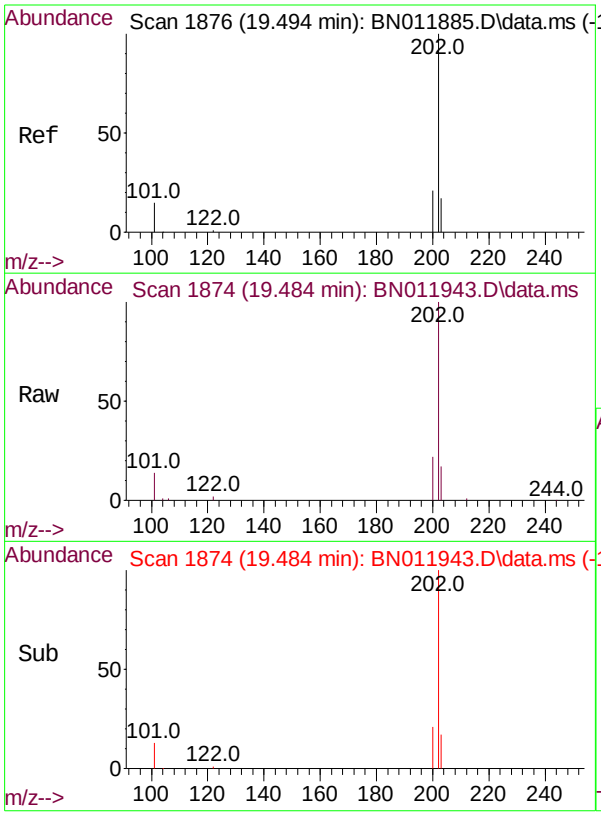


#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.259 min Scan# 2097
Delta R.T. 0.000 min
Lab File: BN011943.D
Acq: 25 Sep 2020 10:06

Tgt Ion:240 Resp: 8940

Ion	Ratio	Lower	Upper
240	100		
120	10.5	3.5	5.3#
236	27.4	20.5	30.7

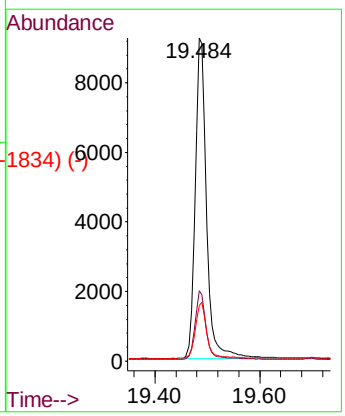




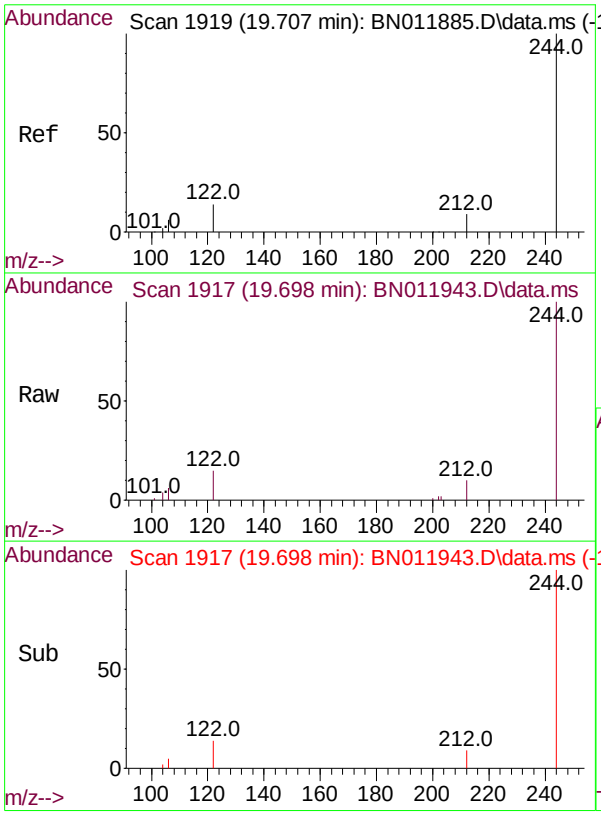
#30
Pyrene
Concen: 0.42 ng
RT: 19.484 min Scan# 1874
Delta R.T. 0.000 min
Lab File: BN011943.D
Acq: 25 Sep 2020 10:06

Tgt Ion:202 Resp: 14081

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.5	24.7
203	17.7	13.9	20.9



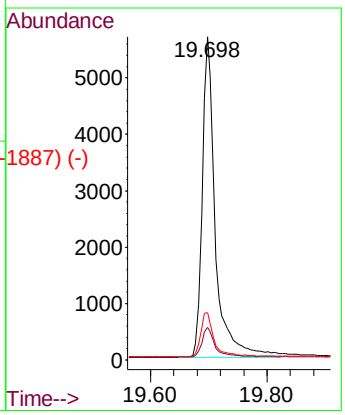
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

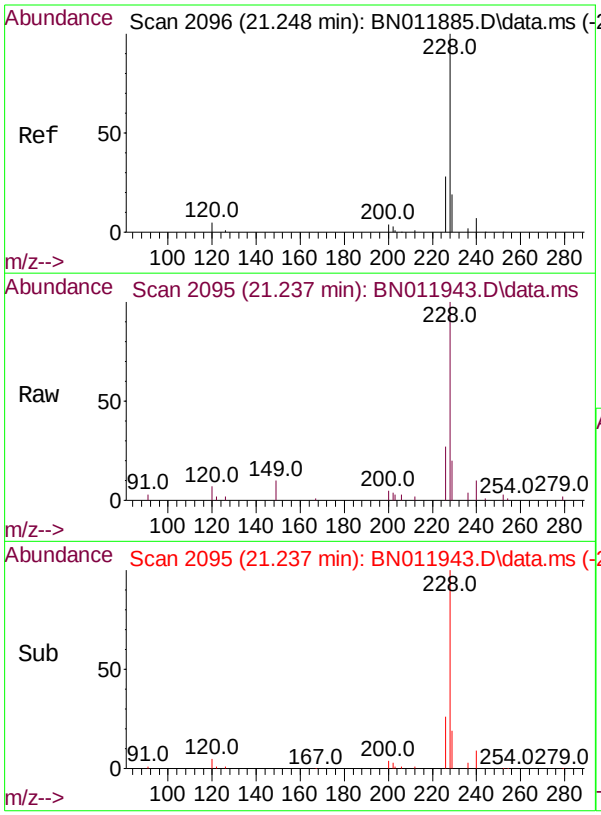


#31
Terphenyl-d14
Concen: 0.43 ng
RT: 19.698 min Scan# 1917
Delta R.T. 0.000 min
Lab File: BN011943.D
Acq: 25 Sep 2020 10:06

Tgt Ion:244 Resp: 8849

Ion	Ratio	Lower	Upper
244	100		
212	10.0	7.3	10.9
122	14.6	7.8	11.6#

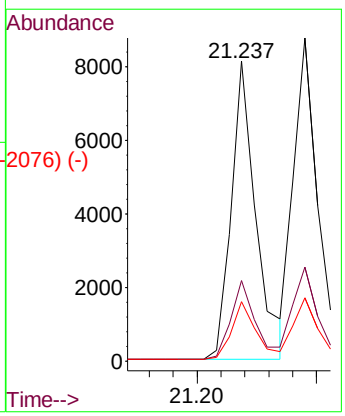




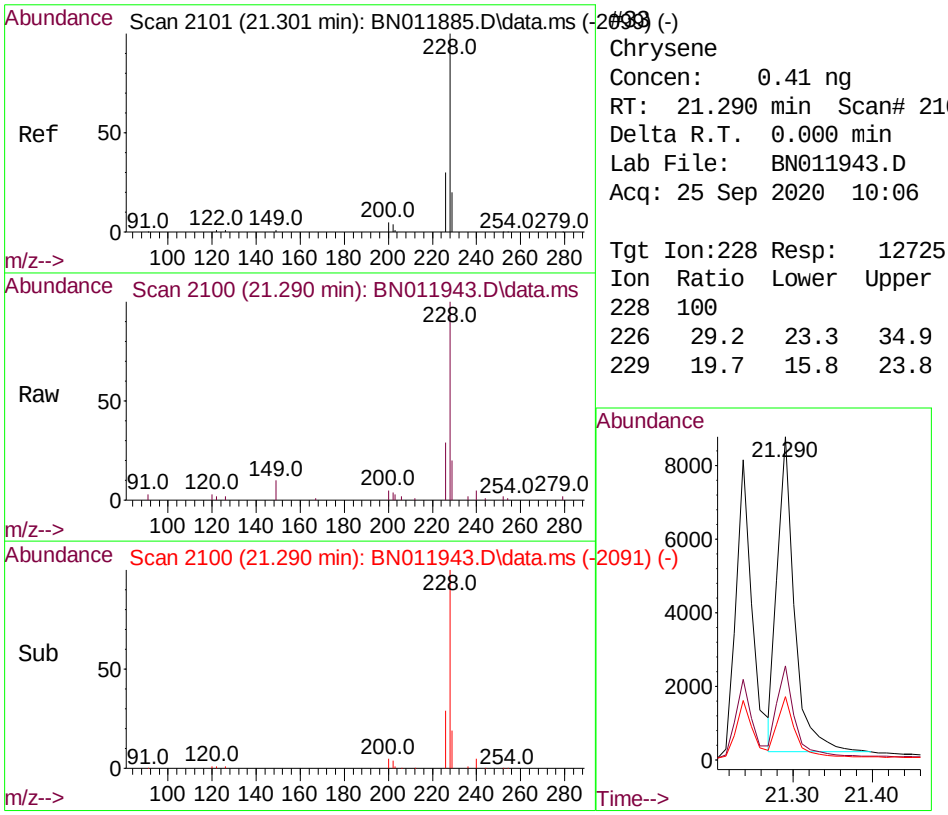
#32
Benzo(a)anthracene
Concen: 0.41 ng
RT: 21.237 min Scan# 2095
Delta R.T. 0.000 min
Lab File: BN011943.D
Acq: 25 Sep 2020 10:06

Tgt Ion:228 Resp: 11695

Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.0	31.4
229	19.9	16.0	24.0



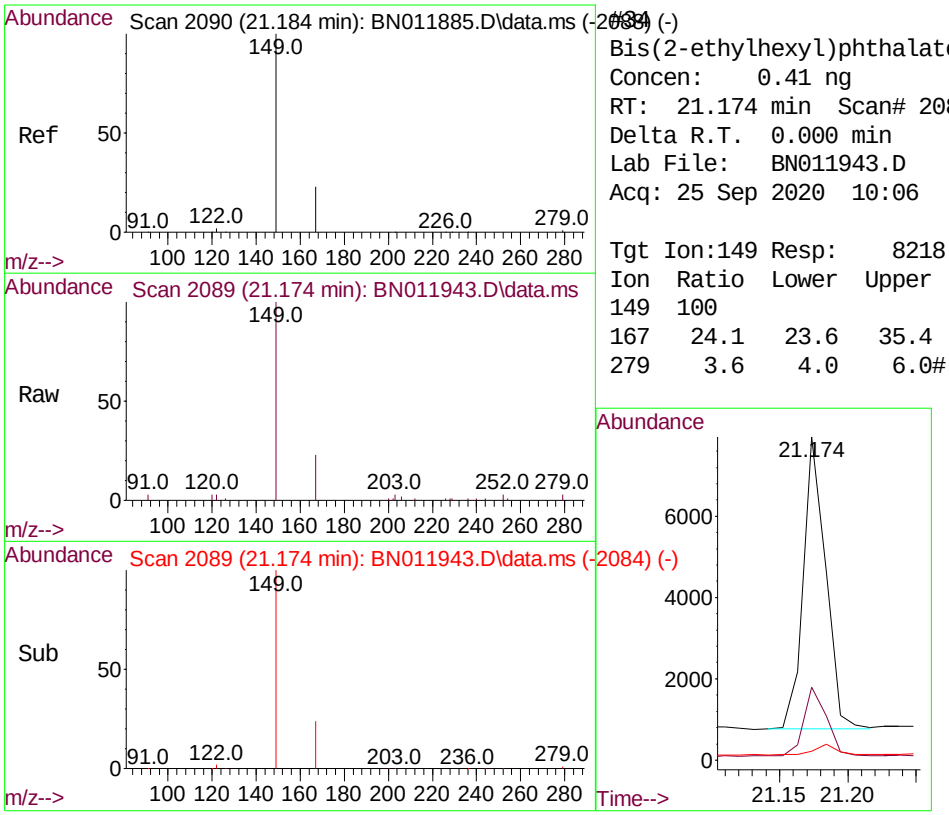
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4



#38
Chrysene
Concen: 0.41 ng
RT: 21.290 min Scan# 2100
Delta R.T. 0.000 min
Lab File: BN011943.D
Acq: 25 Sep 2020 10:06

Tgt Ion:228 Resp: 12725

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.3	34.9
229	19.7	15.8	23.8

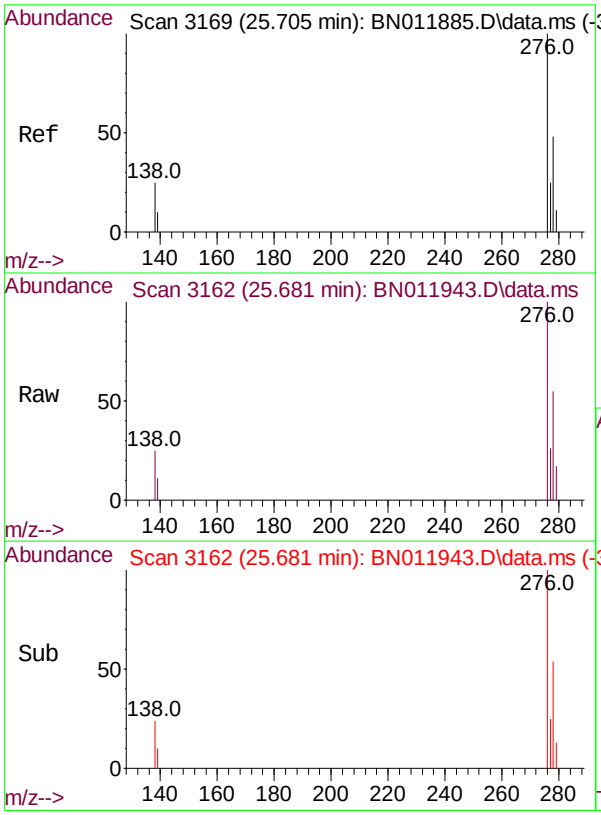


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.41 ng
RT: 21.174 min Scan# 2089
Delta R.T. 0.000 min
Lab File: BN011943.D
Acq: 25 Sep 2020 10:06

Tgt Ion:149 Resp: 8218

Ion	Ratio	Lower	Upper
149	100		
167	24.1	23.6	35.4
279	3.6	4.0	6.0#

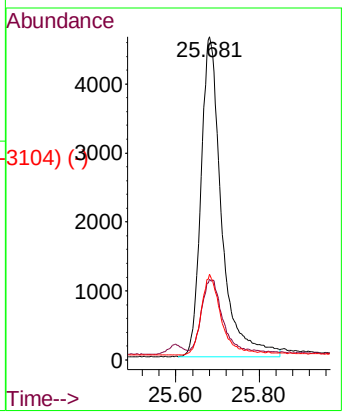
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

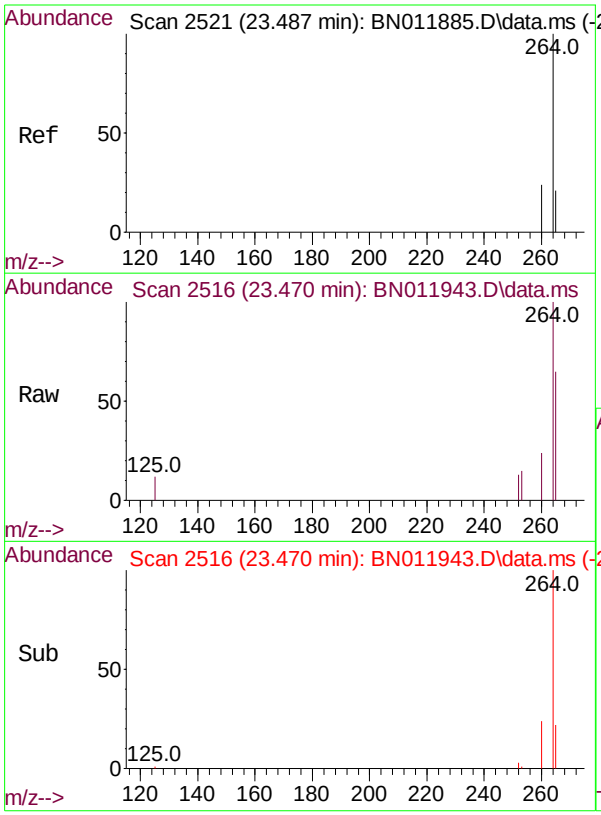


#35
Indeno(1,2,3-cd)pyrene
Concen: 0.45 ng
RT: 25.681 min Scan# 3162
Delta R.T. 0.000 min
Lab File: BN011943.D
Acq: 25 Sep 2020 10:06

Tgt Ion:276 Resp: 15875

Ion	Ratio	Lower	Upper
276	100		
138	22.4	13.0	19.4#
277	24.4	20.0	30.0

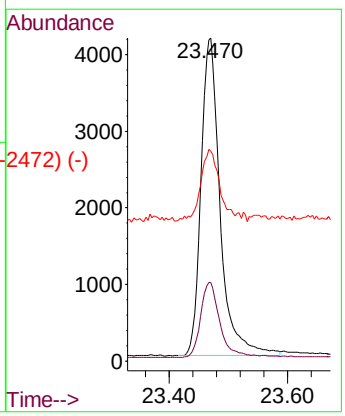




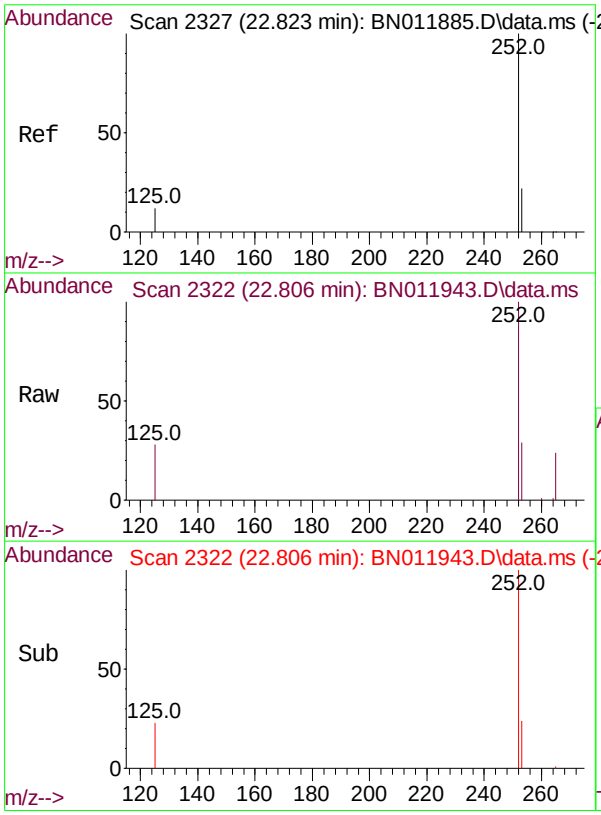
#36
Perylene-d12
Concen: 0.40 ng
RT: 23.470 min Scan# 2516
Delta R.T. 0.000 min
Lab File: BN011943.D
Acq: 25 Sep 2020 10:06

Tgt Ion:264 Resp: 9278

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.6	29.4
265	65.0	38.6	58.0#



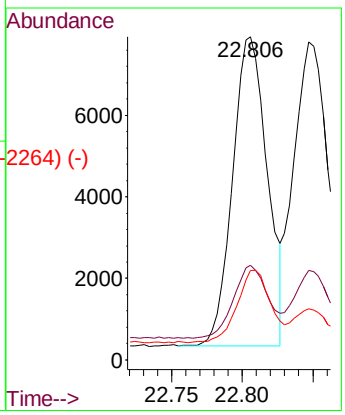
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

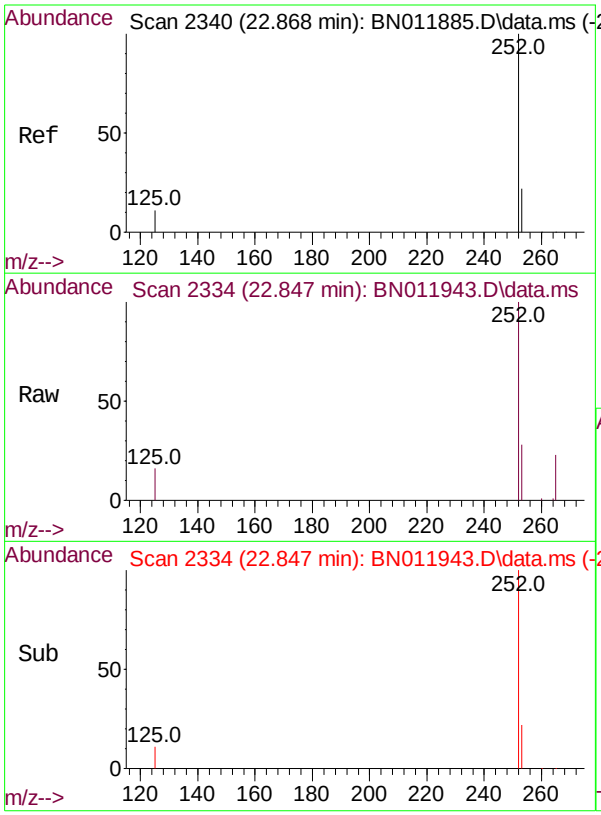


#37
Benzo(b)fluoranthene
Concen: 0.41 ng
RT: 22.806 min Scan# 2322
Delta R.T. 0.000 min
Lab File: BN011943.D
Acq: 25 Sep 2020 10:06

Tgt Ion:252 Resp: 12939

Ion	Ratio	Lower	Upper
252	100		
253	29.4	19.1	28.7#
125	27.6	6.2	9.2#

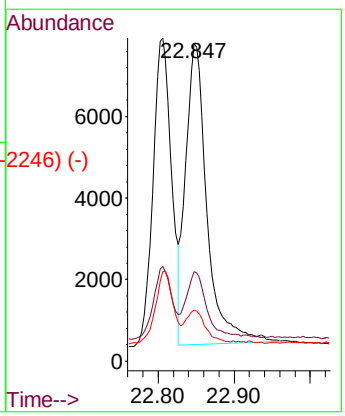




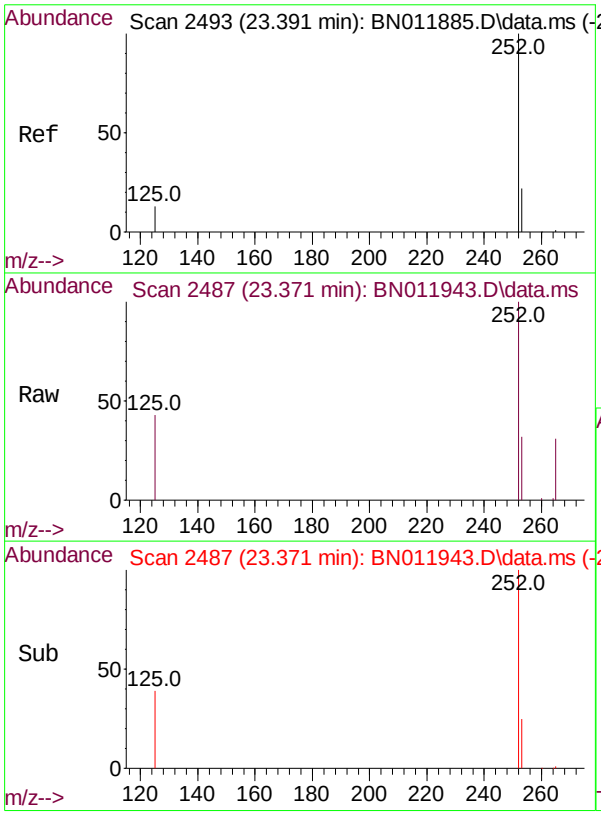
#38
Benzo(k)fluoranthene
Concen: 0.42 ng
RT: 22.847 min Scan# 2334
Delta R.T. 0.000 min
Lab File: BN011943.D
Acq: 25 Sep 2020 10:06

Tgt Ion:252 Resp: 14357

Ion	Ratio	Lower	Upper
252	100		
253	28.1	19.3	28.9
125	16.1	6.0	9.0#



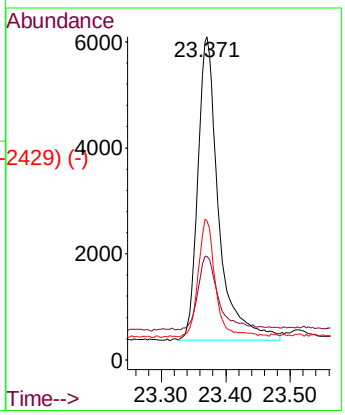
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

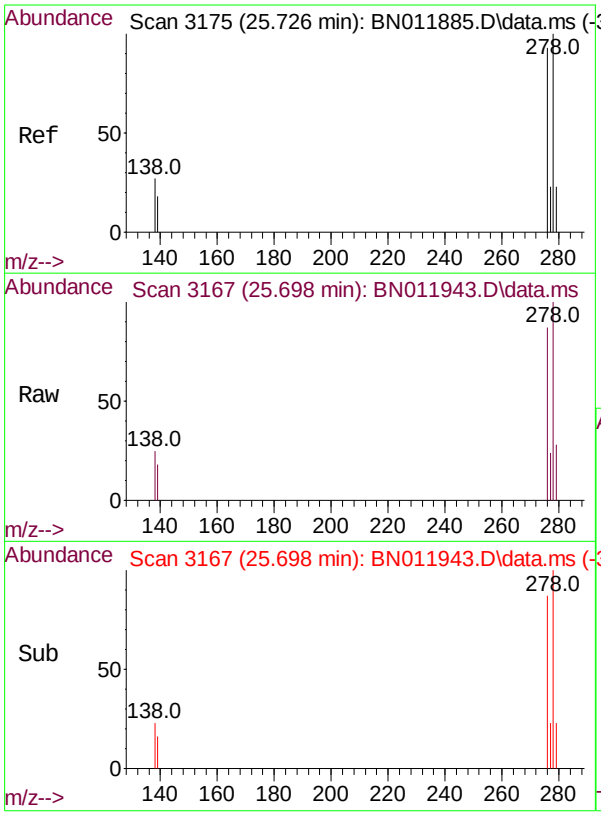


#39
Benzo(a)pyrene
Concen: 0.44 ng
RT: 23.371 min Scan# 2487
Delta R.T. 0.000 min
Lab File: BN011943.D
Acq: 25 Sep 2020 10:06

Tgt Ion:252 Resp: 12807

Ion	Ratio	Lower	Upper
252	100		
253	32.1	19.8	29.6#
125	43.2	7.3	10.9#

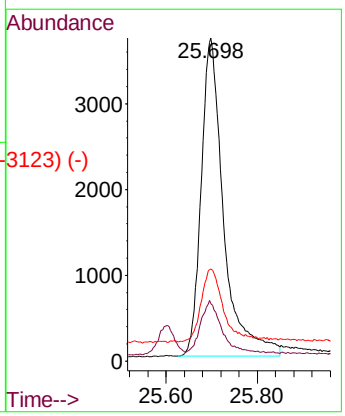


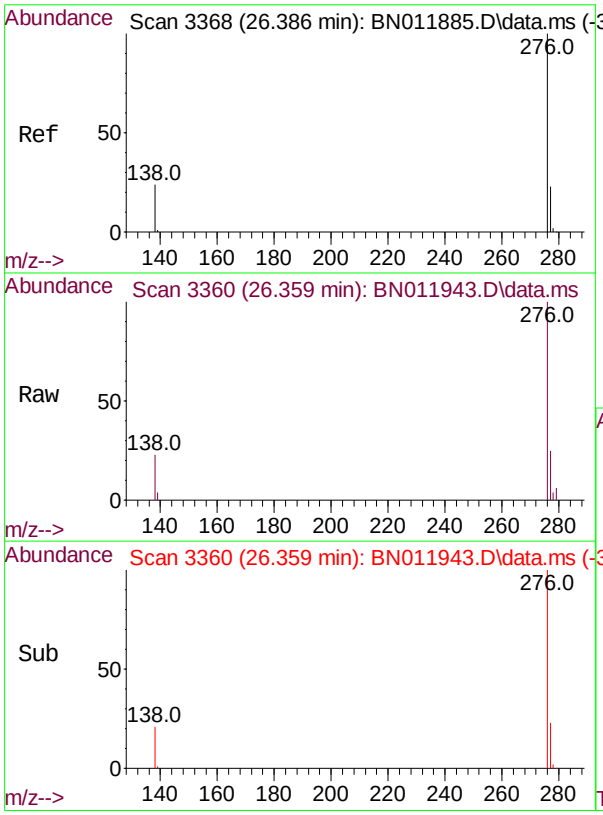


#40
Dibenzo(a,h)anthracene
Concen: 0.42 ng
RT: 25.698 min Scan# 3167
Delta R.T. 0.000 min
Lab File: BN011943.D
Acq: 25 Sep 2020 10:06

Tgt Ion:278 Resp: 12684

Ion	Ratio	Lower	Upper
278	100		
139	17.9	8.6	13.0#
279	28.5	19.8	29.8

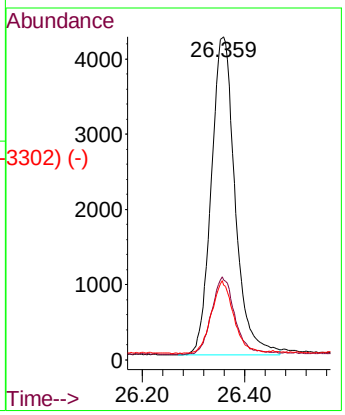




#41
Benzo(g,h,i)perylene
Concen: 0.42 ng
RT: 26.359 min Scan# 3360
Delta R.T. 0.000 min
Lab File: BN011943.D
Acq: 25 Sep 2020 10:06

Tgt Ion:276 Resp: 13677

Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.4	29.0
138	23.1	11.3	16.9#



Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4