Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021821\
Data File : BN013663.D
Acq On : 18 Feb 2021 09:49
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4

Quant Time: Feb 18 10:50:53 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN020821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 18 10:50:10 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.547	152	5806	0.40	ng		0.00
7) Naphthalene-d8	10.302	136	22781	0.40	ng		0.00
13) Acenaphthene-d10	14.181	164	12946	0.40	ng		0.00
19) Phenanthrene-d10	16.933	188	27481	0.40	ng	#	0.00
29) Chrysene-d12	21.131	240	27298	0.40	ng		0.00
36) Perylene-d12	23.302	264	25903	0.40	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.180	112	5556	0.44	ng		0.00
5) Phenol-d6	6.726	99	6781	0.43	ng		0.00
8) Nitrobenzene-d5	8.680	82	4753	0.38	ng		0.00
11) 2-Methylnaphthalene-d10	11.902	152	13986	0.39	ng		0.00
14) 2,4,6-Tribromophenol	15.679	330	1367	0.37	ng		0.00
15) 2-Fluorobiphenyl	12.798	172	18931	0.39	ng		0.00
27) Fluoranthene-d10	18.972	212	29033	0.39	ng		0.00
31) Terphenyl-d14	19.583	244	24103	0.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.182	88	2498	0.38	ng		98
3) n-Nitrosodimethylamine	3.497	42	1880	0.40	ng	#	96
6) bis(2-Chloroethyl)ether	6.984	93	5693	0.41	ng		100
9) Naphthalene	10.353	128	22166	0.40	ng		100
10) Hexachlorobutadiene	10.644	225	3706	0.40	ng	#	100
12) 2-Methylnaphthalene	11.978	142	15151	0.40	ng		99
16) Acenaphthylene	13.890	152	17943	0.36	ng		100
17) Acenaphthene	14.245	154	13790	0.39	ng		100
18) Fluorene	15.234	166	17328	0.39	ng		100
20) 4,6-Dinitro-2-methylph...	15.323	198	862	0.37	ng	#	82
21) 4-Bromophenyl-phenylether	16.130	248	5077	0.37	ng		94
22) Hexachlorobenzene	16.240	284	5746	0.38	ng		100
23) Atrazine	16.410	200	3029	0.35	ng		100
24) Pentachlorophenol	16.580	266	1300	0.49	ng		97
25) Phenanthrene	16.970	178	28741	0.38	ng		100
26) Anthracene	17.055	178	22906	0.37	ng		100
28) Fluoranthene	19.002	202	31638	0.39	ng		99
30) Pyrene	19.364	202	32419	0.40	ng		100
32) Benzo(a)anthracene	21.120	228	28119	0.39	ng		99
33) Chrysene	21.173	228	33432	0.40	ng		97
34) Bis(2-ethylhexyl)phtha...	21.067	149	8201	0.38	ng		99
35) Indeno(1,2,3-cd)pyrene	25.444	276	36435	0.42	ng		99
37) Benzo(b)fluoranthene	22.658	252	34092	0.38	ng		97
38) Benzo(k)fluoranthene	22.699	252	34080	0.38	ng	#	95
39) Benzo(a)pyrene	23.206	252	28825	0.38	ng		97
40) Dibenzo(a,h)anthracene	25.458	278	30297	0.37	ng		98
41) Benzo(g,h,i)perylene	26.098	276	32177	0.37	ng		99

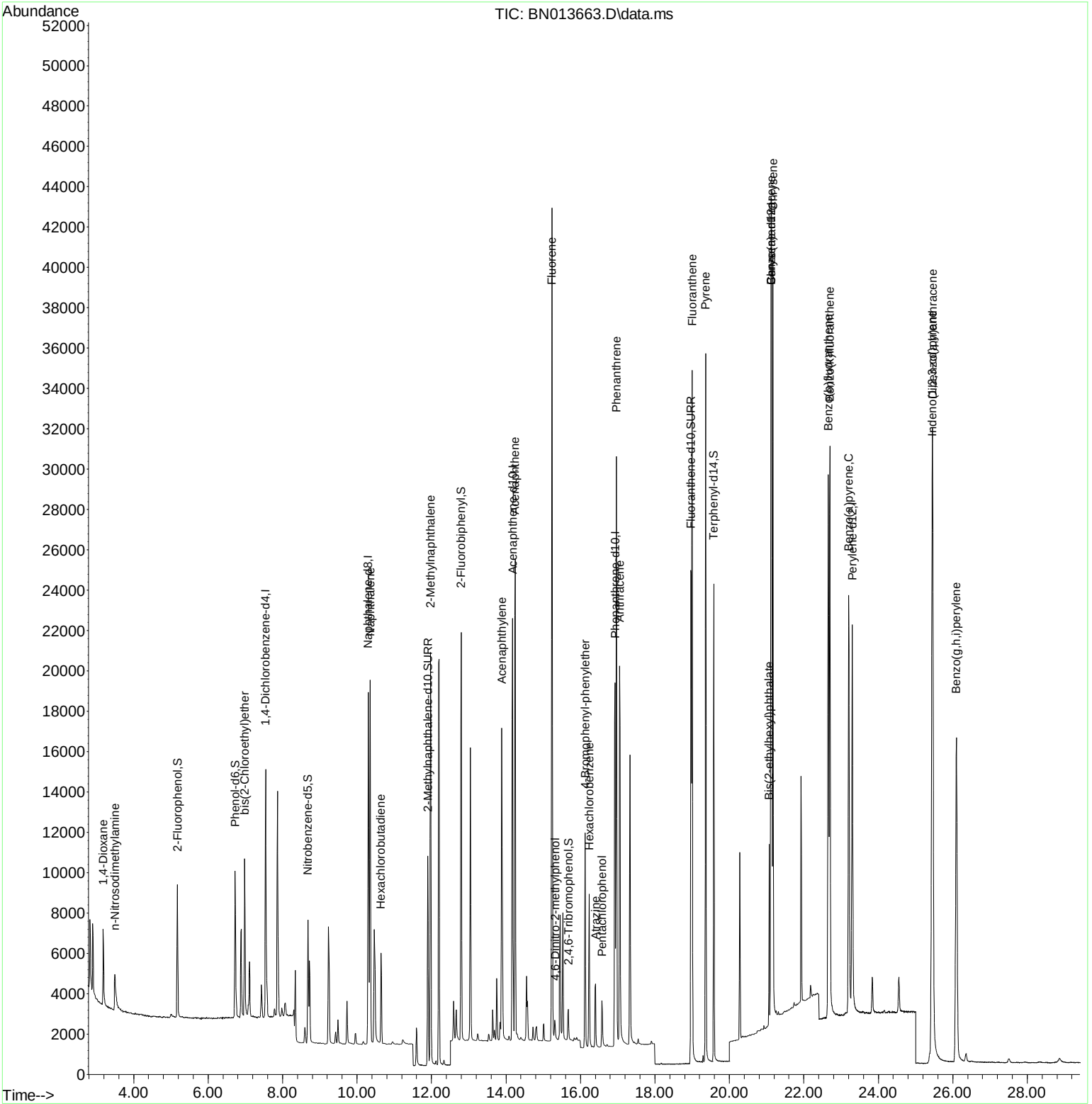
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

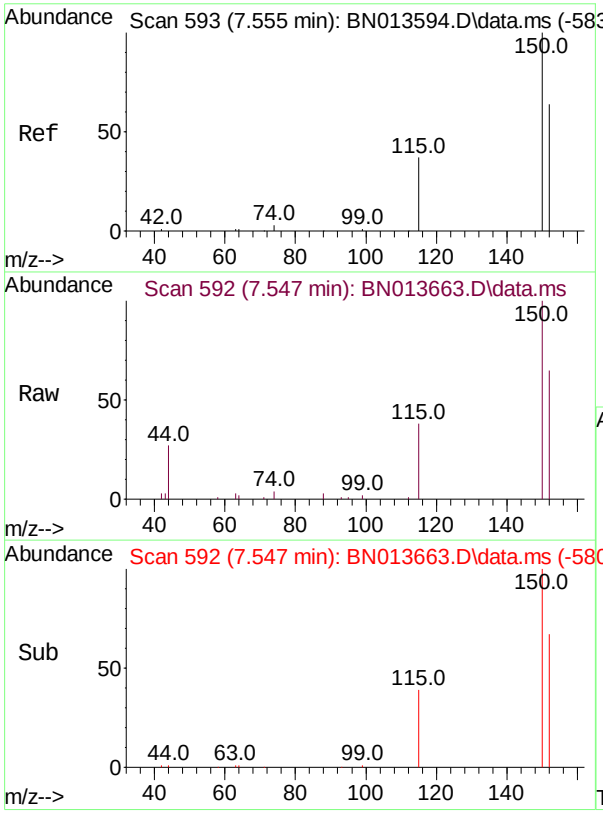
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021821\
Data File : BN013663.D
Acq On : 18 Feb 2021 09:49
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Feb 18 10:50:53 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN020821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 18 10:50:10 2021
Response via : Initial Calibration



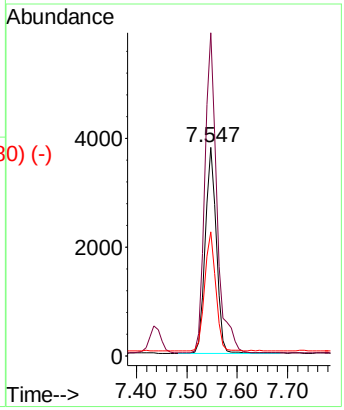
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

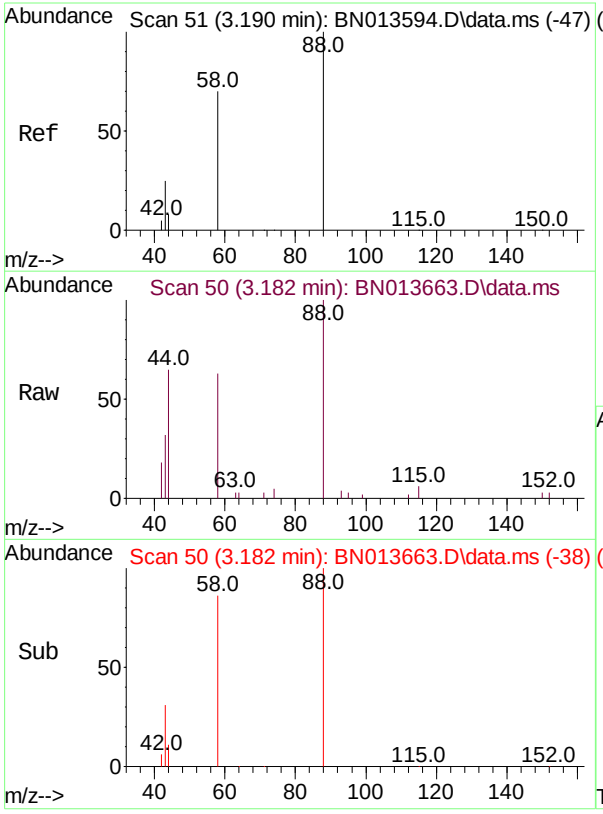


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.547 min Scan# 592
Delta R.T. 0.000 min
Lab File: BN013663.D
Acq: 18 Feb 2021 09:49

Tgt Ion:152 Resp: 5806

Ion	Ratio	Lower	Upper
152	100		
150	154.8	121.8	182.8
115	59.4	46.6	69.8

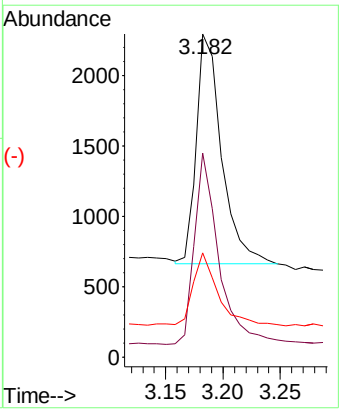




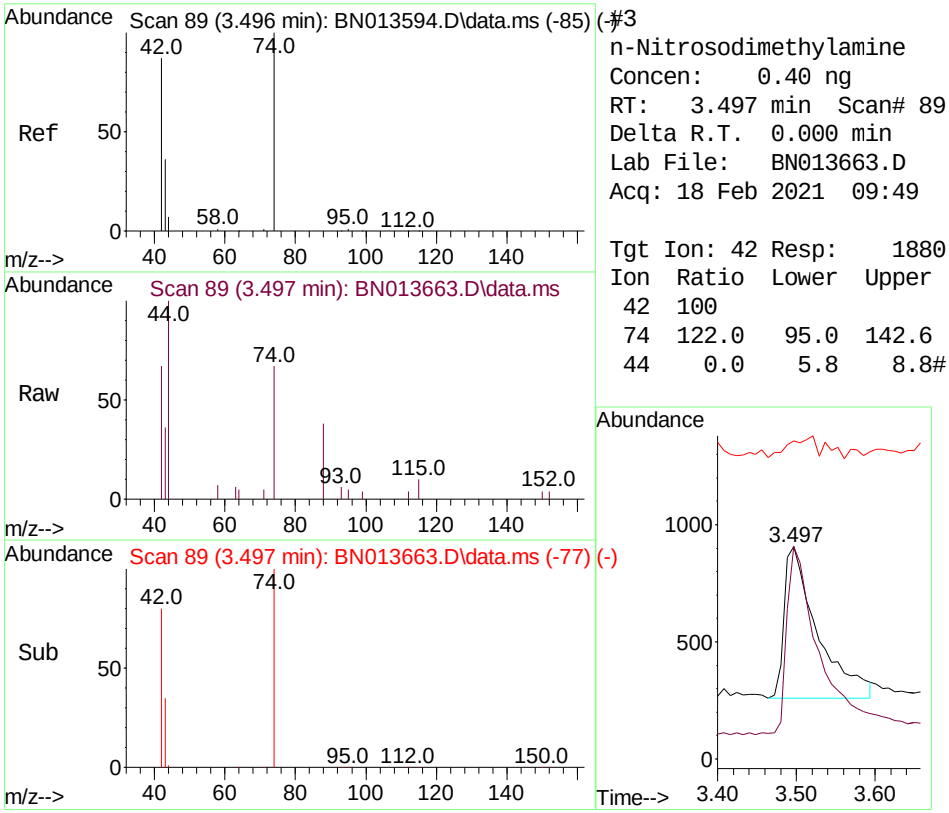
#2
1,4-Dioxane
Concen: 0.38 ng
RT: 3.182 min Scan# 50
Delta R.T. 0.000 min
Lab File: BN013663.D
Acq: 18 Feb 2021 09:49

Tgt Ion: 88 Resp: 2498

Ion	Ratio	Lower	Upper
88	100		
58	80.1	64.6	96.8
43	30.5	26.6	40.0



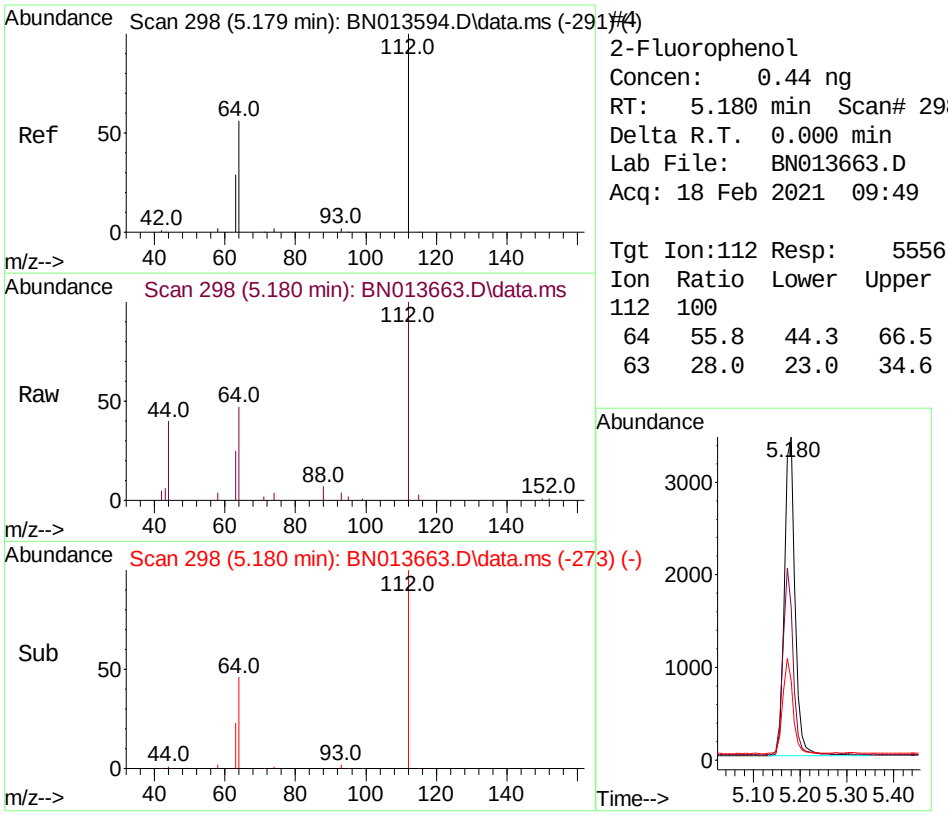
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4



#3
n-Nitrosodimethylamine
Concen: 0.40 ng
RT: 3.497 min Scan# 89
Delta R.T. 0.000 min
Lab File: BN013663.D
Acq: 18 Feb 2021 09:49

Tgt Ion: 42 Resp: 1880

Ion	Ratio	Lower	Upper
42	100		
74	122.0	95.0	142.6
44	0.0	5.8	8.8#

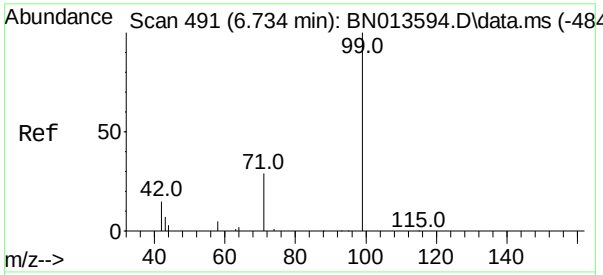


#4
2-Fluorophenol
Concen: 0.44 ng
RT: 5.180 min Scan# 298
Delta R.T. 0.000 min
Lab File: BN013663.D
Acq: 18 Feb 2021 09:49

Tgt Ion:112 Resp: 5556

Ion	Ratio	Lower	Upper
112	100		
64	55.8	44.3	66.5
63	28.0	23.0	34.6

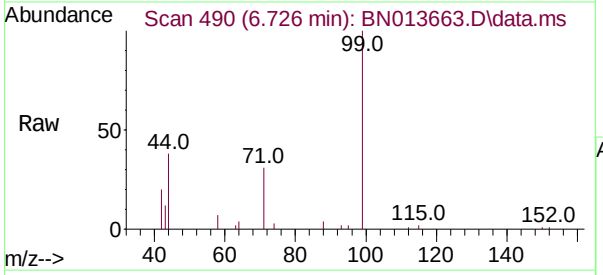
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

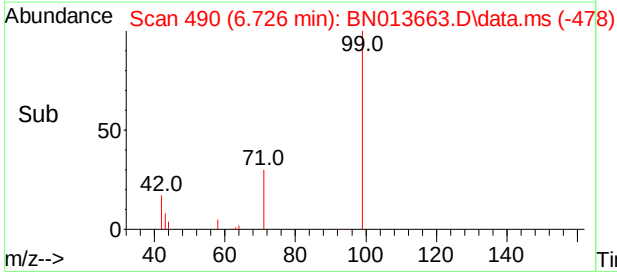


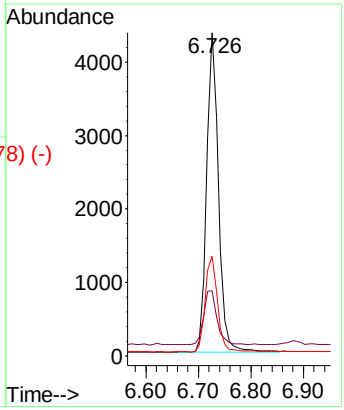
#5
Phenol-d6
Concen: 0.43 ng
RT: 6.726 min Scan# 490
Delta R.T. 0.000 min
Lab File: BN013663.D
Acq: 18 Feb 2021 09:49

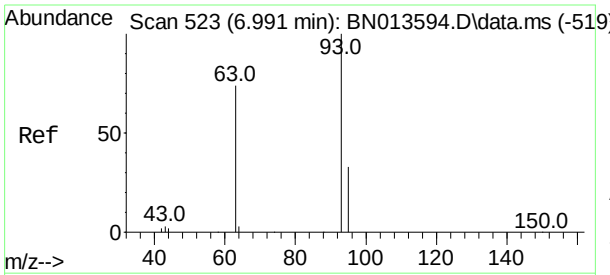
Tgt Ion: 99 Resp: 6781

Ion	Ratio	Lower	Upper
99	100		
42	18.8	15.2	22.8
71	31.0	26.1	39.1





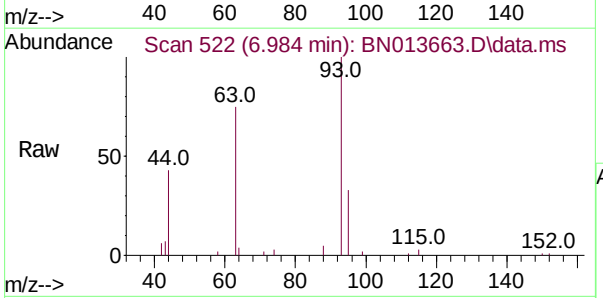


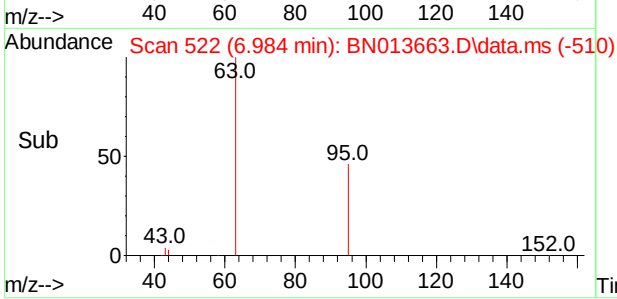


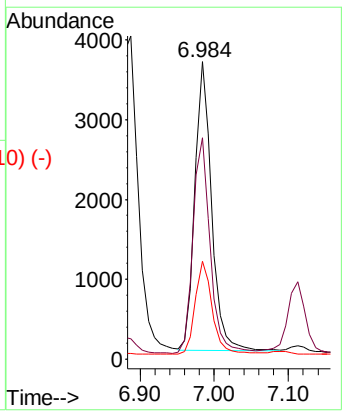
#6
bis(2-Chloroethyl)ether
Concen: 0.41 ng
RT: 6.984 min Scan# 522
Delta R.T. 0.000 min
Lab File: BN013663.D
Acq: 18 Feb 2021 09:49

Tgt Ion: 93 Resp: 5693

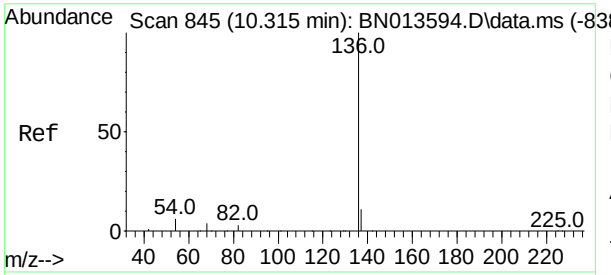
Ion	Ratio	Lower	Upper
93	100		
63	76.3	60.8	91.2
95	32.8	26.0	39.0







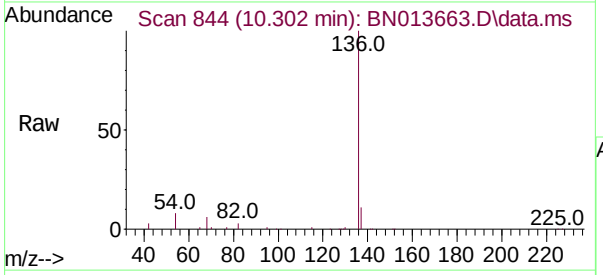
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

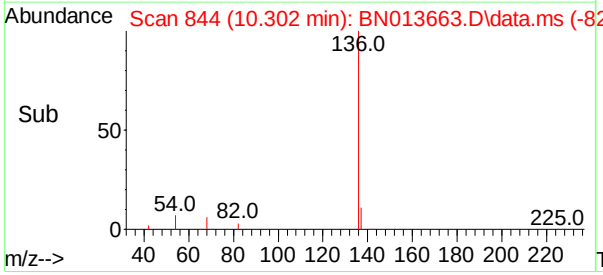


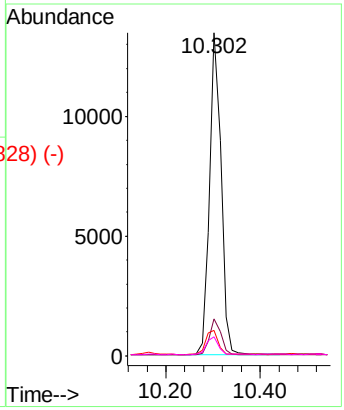
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.302 min Scan# 844
Delta R.T. 0.000 min
Lab File: BN013663.D
Acq: 18 Feb 2021 09:49

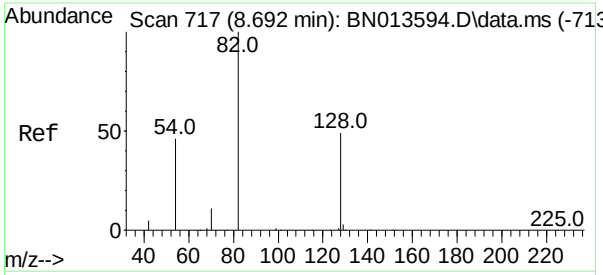
Tgt Ion:136 Resp: 22781

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.6
54	7.9	6.4	9.6
68	6.0	4.5	6.7





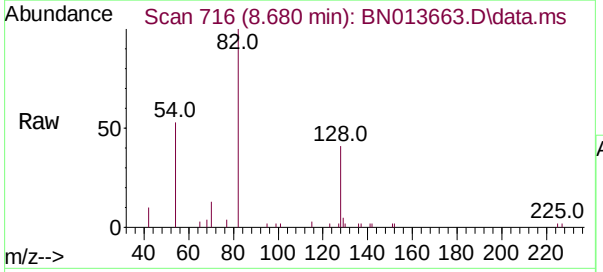


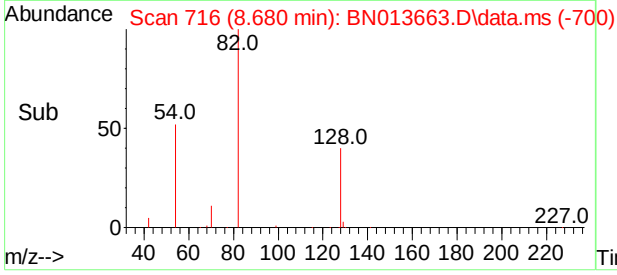


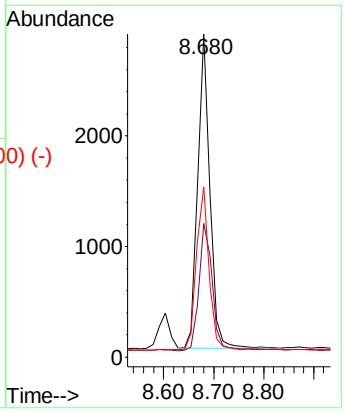
#8
Nitrobenzene-d5
Concen: 0.38 ng
RT: 8.680 min Scan# 716
Delta R.T. 0.000 min
Lab File: BN013663.D
Acq: 18 Feb 2021 09:49

Tgt Ion: 82 Resp: 4753

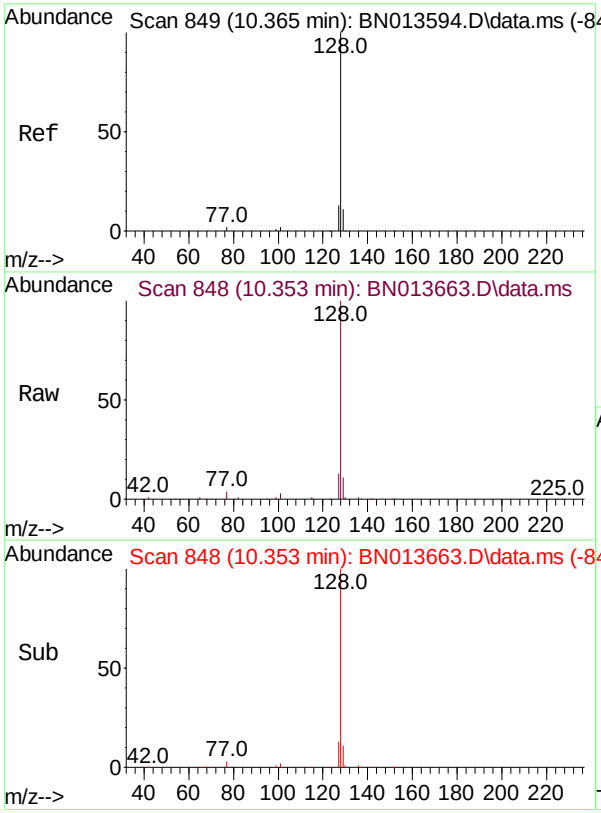
Ion	Ratio	Lower	Upper
82	100		
128	41.4	39.2	58.8
54	52.7	40.1	60.1







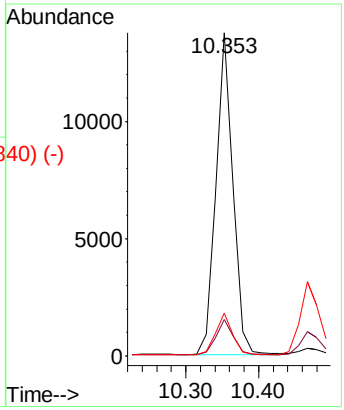
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

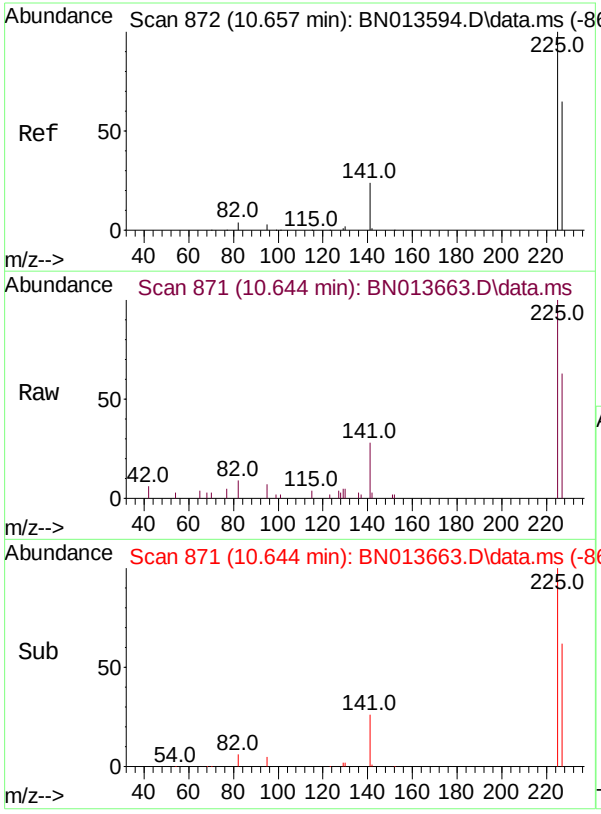


#9
Naphthalene
Concen: 0.40 ng
RT: 10.353 min Scan# 848
Delta R.T. 0.000 min
Lab File: BN013663.D
Acq: 18 Feb 2021 09:49

Tgt Ion:128 Resp: 22166

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.4
127	13.2	10.4	15.6

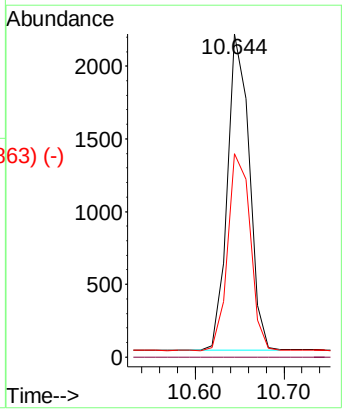




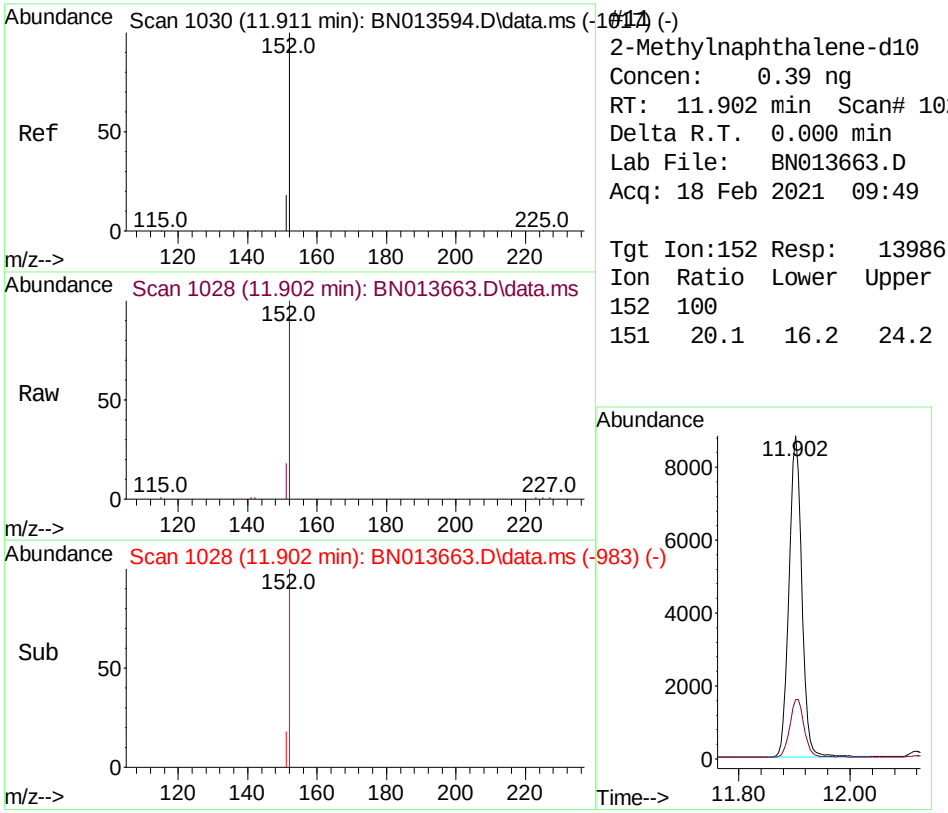
#10
Hexachlorobutadiene
Concen: 0.40 ng
RT: 10.644 min Scan# 871
Delta R.T. 0.000 min
Lab File: BN013663.D
Acq: 18 Feb 2021 09:49

Tgt Ion:225 Resp: 3706

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.0	51.2	76.8



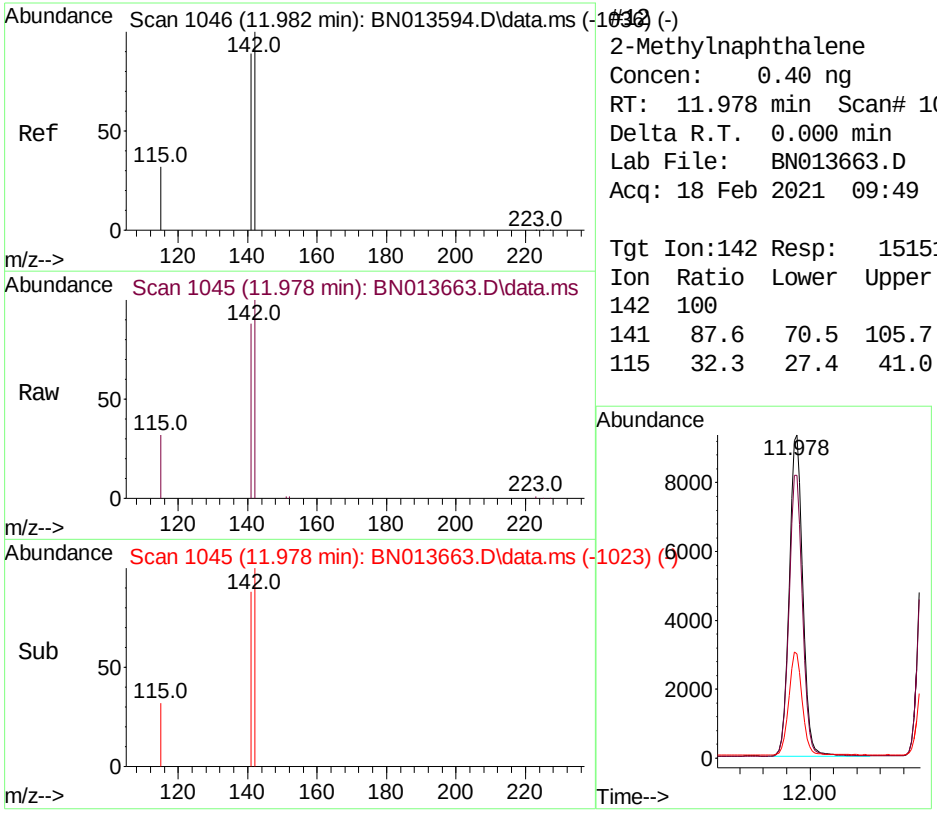
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4



#11
2-Methylnaphthalene-d10
Concen: 0.39 ng
RT: 11.902 min Scan# 1028
Delta R.T. 0.000 min
Lab File: BN013663.D
Acq: 18 Feb 2021 09:49

Tgt Ion:152 Resp: 13986

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.2	24.2

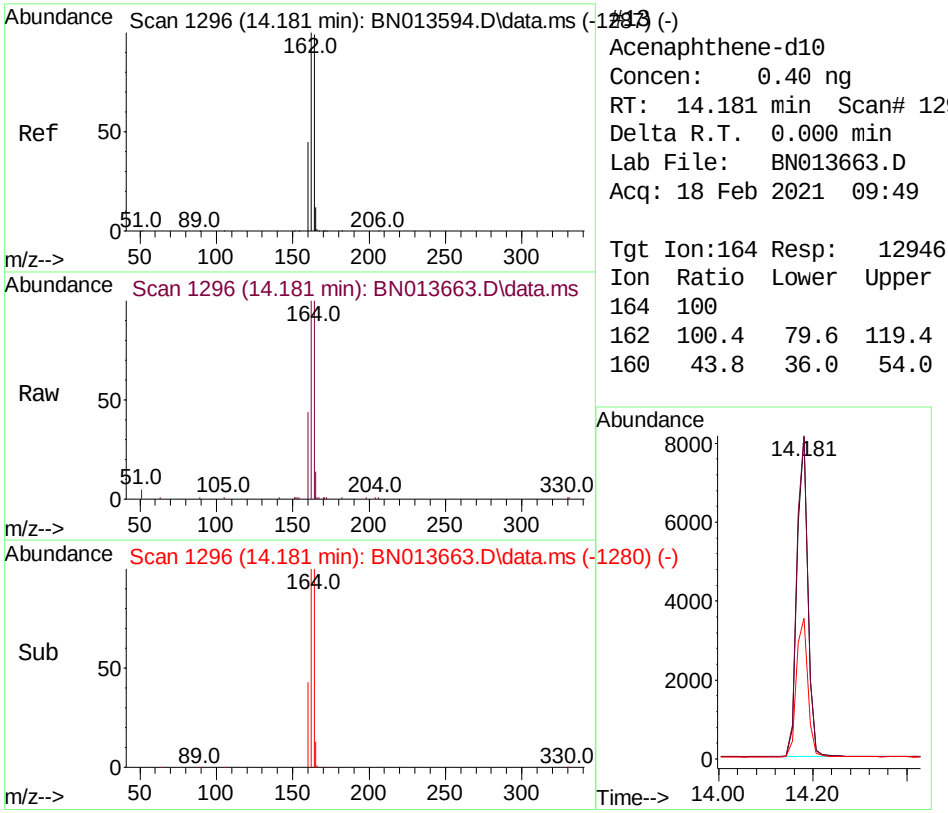


#12
2-Methylnaphthalene
Concen: 0.40 ng
RT: 11.978 min Scan# 1045
Delta R.T. 0.000 min
Lab File: BN013663.D
Acq: 18 Feb 2021 09:49

Tgt Ion:142 Resp: 15151

Ion	Ratio	Lower	Upper
142	100		
141	87.6	70.5	105.7
115	32.3	27.4	41.0

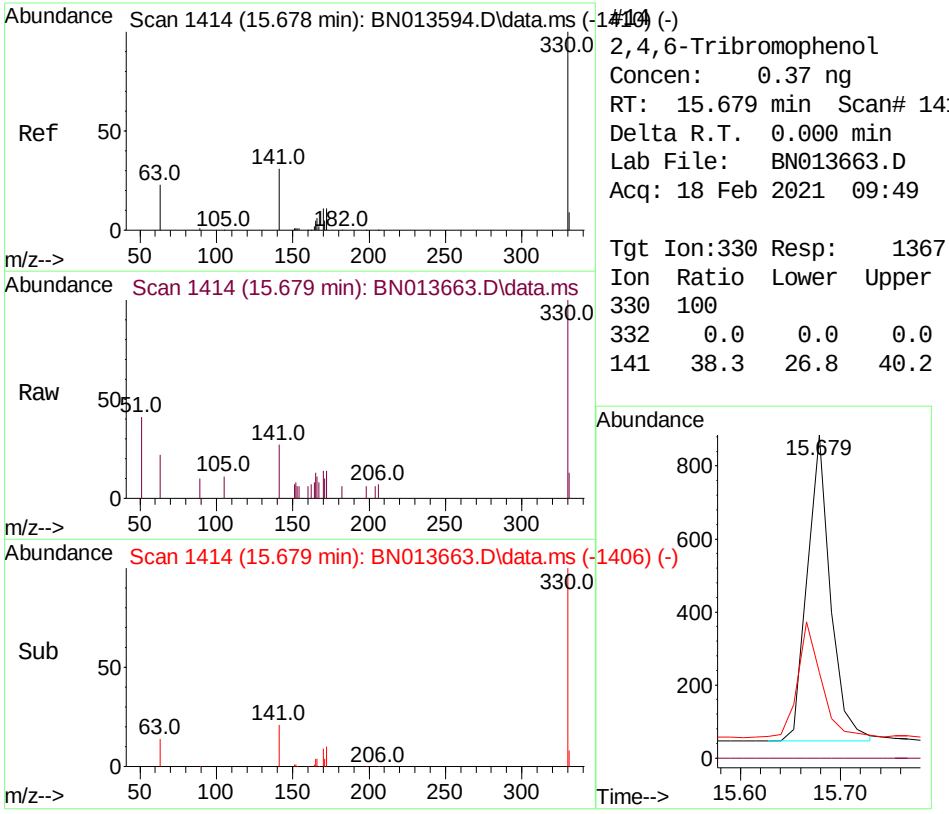
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.181 min Scan# 1296
Delta R.T. 0.000 min
Lab File: BN013663.D
Acq: 18 Feb 2021 09:49

Tgt Ion:164 Resp: 12946

Ion	Ratio	Lower	Upper
164	100		
162	100.4	79.6	119.4
160	43.8	36.0	54.0

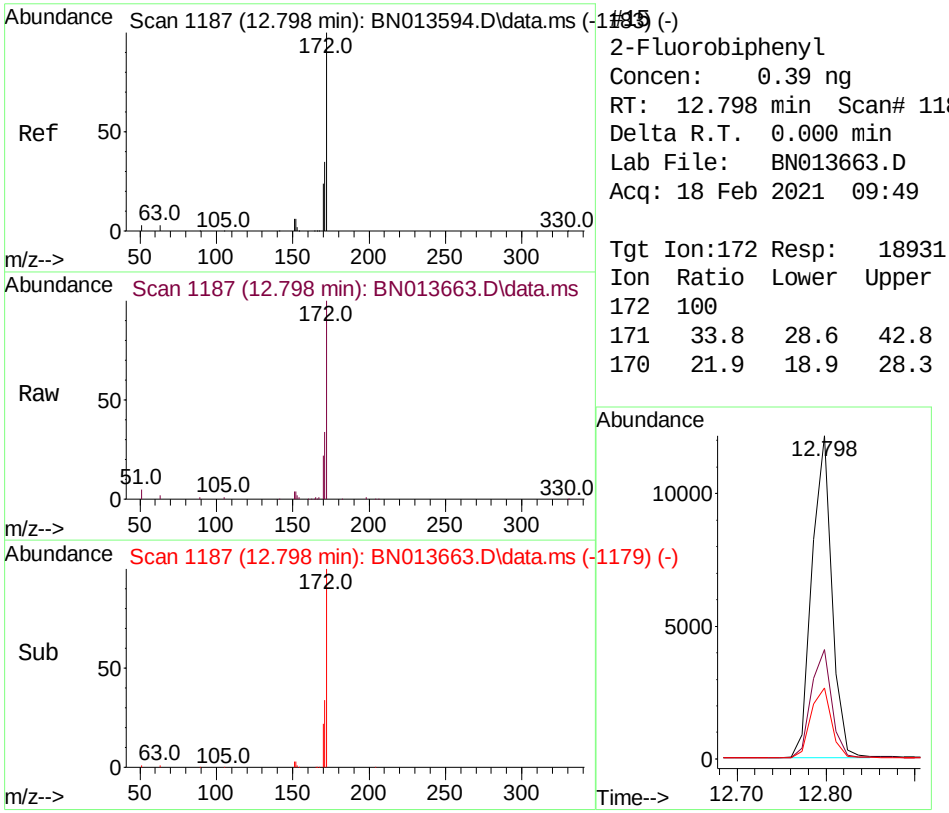


#14
2,4,6-Tribromophenol
Concen: 0.37 ng
RT: 15.679 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BN013663.D
Acq: 18 Feb 2021 09:49

Tgt Ion:330 Resp: 1367

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	38.3	26.8	40.2

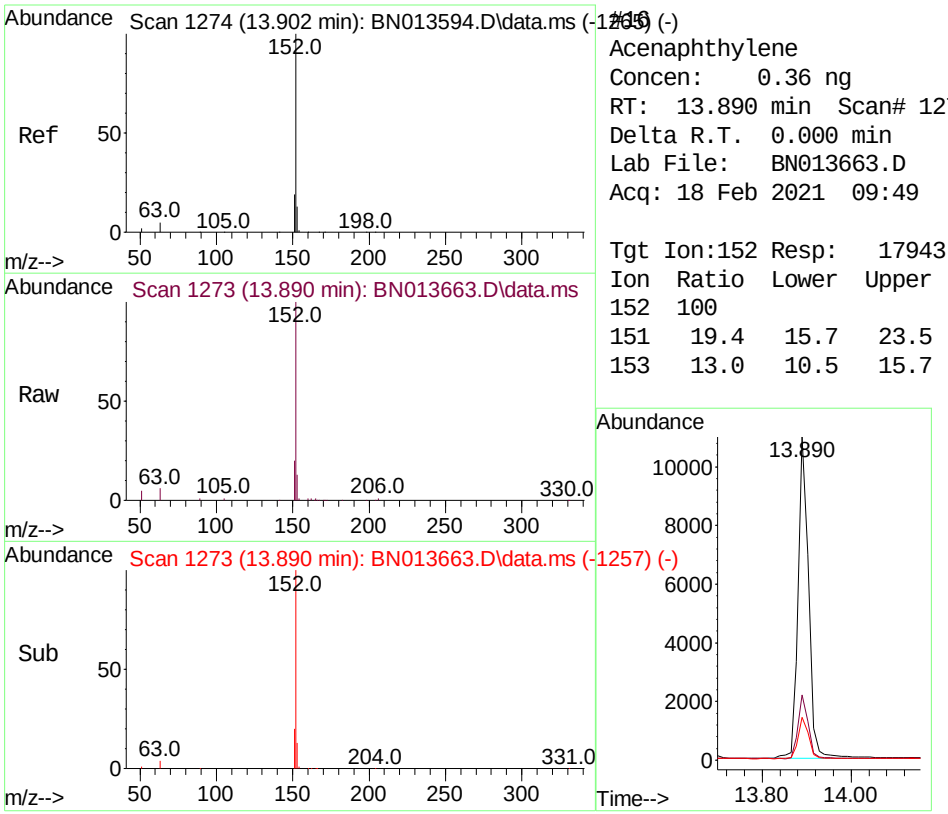
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4



#15
2-Fluorobiphenyl
Concen: 0.39 ng
RT: 12.798 min Scan# 1187
Delta R.T. 0.000 min
Lab File: BN013663.D
Acq: 18 Feb 2021 09:49

Tgt Ion:172 Resp: 18931

Ion	Ratio	Lower	Upper
172	100		
171	33.8	28.6	42.8
170	21.9	18.9	28.3

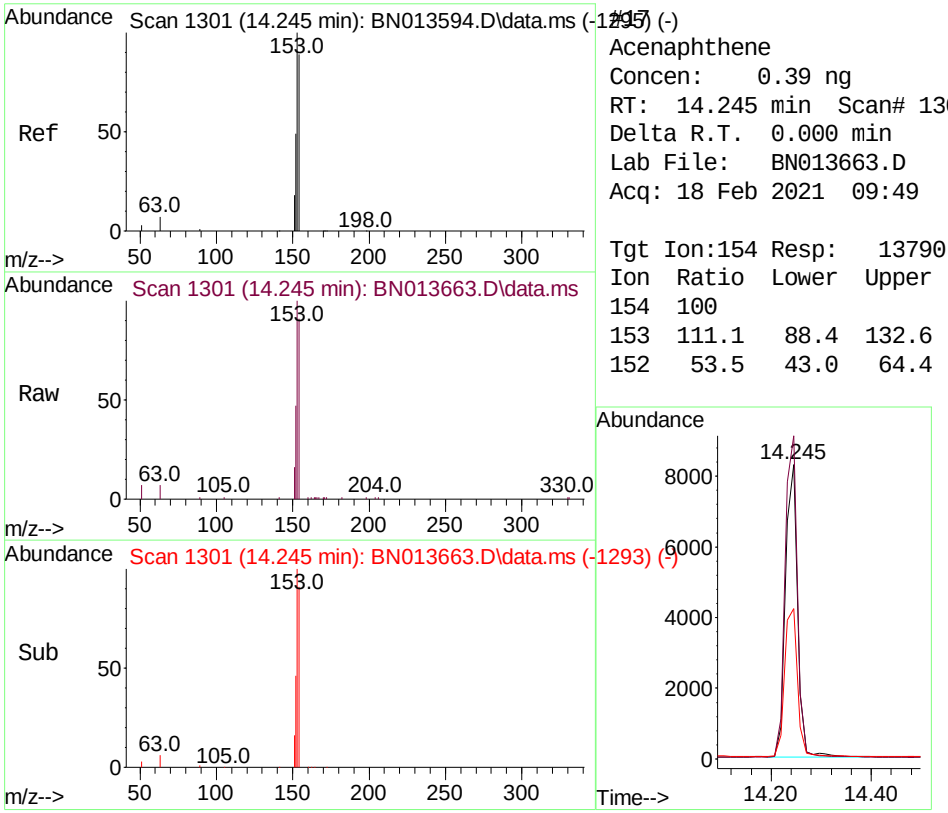


#16
Acenaphthylene
Concen: 0.36 ng
RT: 13.890 min Scan# 1273
Delta R.T. 0.000 min
Lab File: BN013663.D
Acq: 18 Feb 2021 09:49

Tgt Ion:152 Resp: 17943

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.7	23.5
153	13.0	10.5	15.7

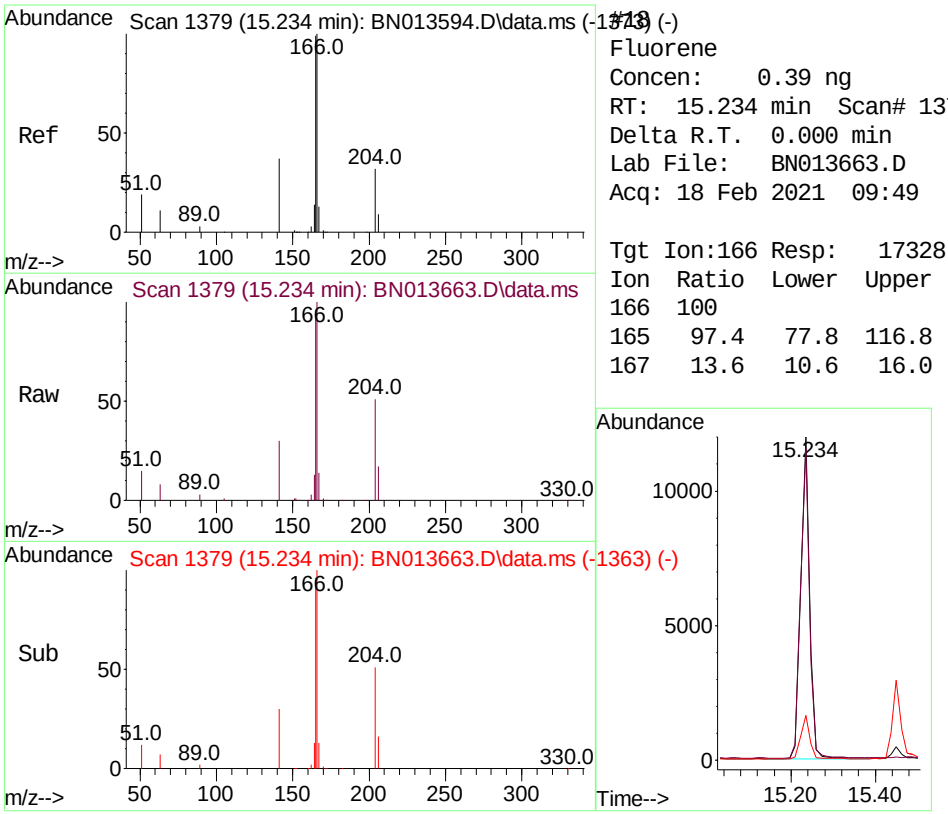
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4



#117
Acenaphthene
Concen: 0.39 ng
RT: 14.245 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BN013663.D
Acq: 18 Feb 2021 09:49

Tgt Ion:154 Resp: 13790

Ion	Ratio	Lower	Upper
154	100		
153	111.1	88.4	132.6
152	53.5	43.0	64.4

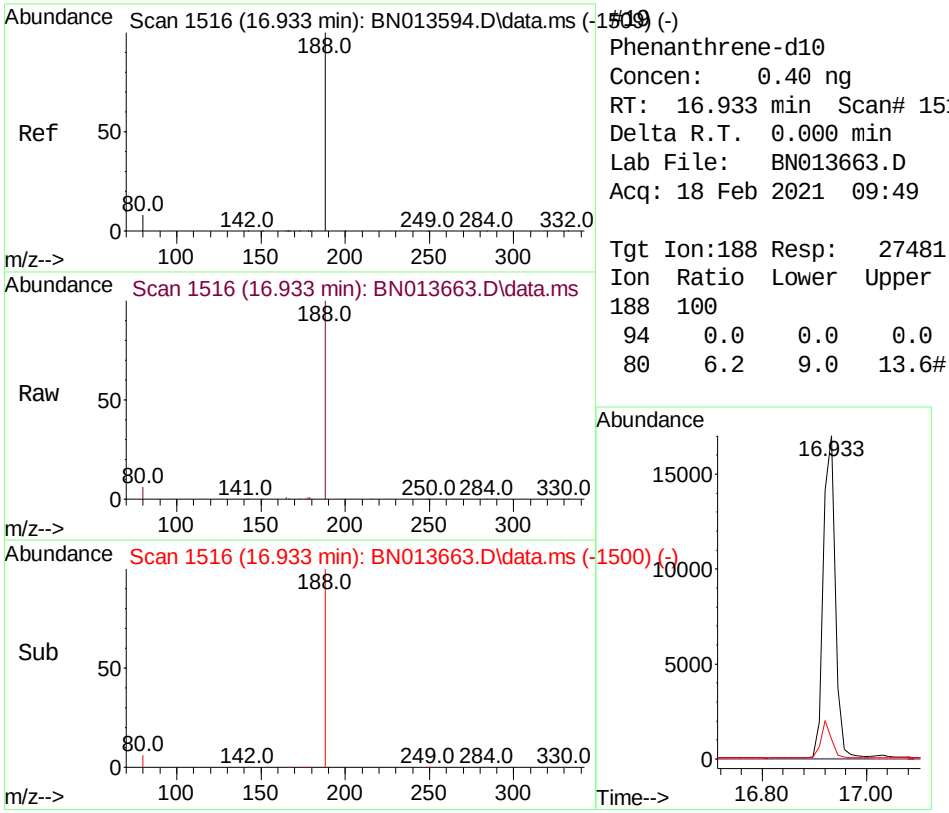


#118
Fluorene
Concen: 0.39 ng
RT: 15.234 min Scan# 1379
Delta R.T. 0.000 min
Lab File: BN013663.D
Acq: 18 Feb 2021 09:49

Tgt Ion:166 Resp: 17328

Ion	Ratio	Lower	Upper
166	100		
165	97.4	77.8	116.8
167	13.6	10.6	16.0

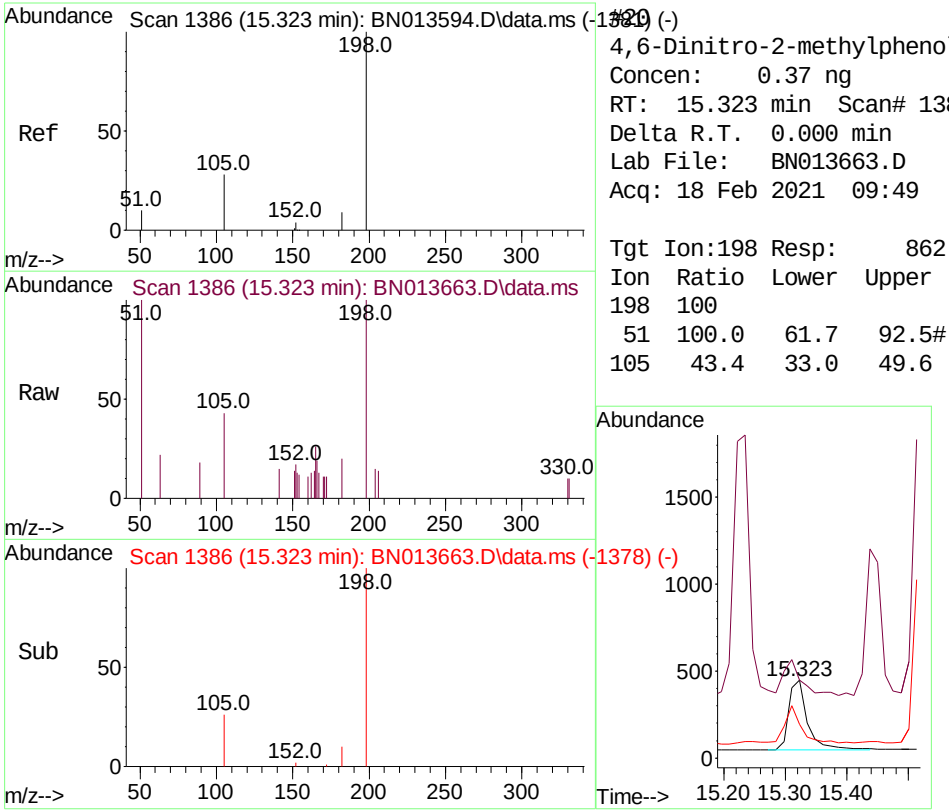
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.933 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BN013663.D
Acq: 18 Feb 2021 09:49

Tgt Ion:188 Resp: 27481

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.2	9.0	13.6#

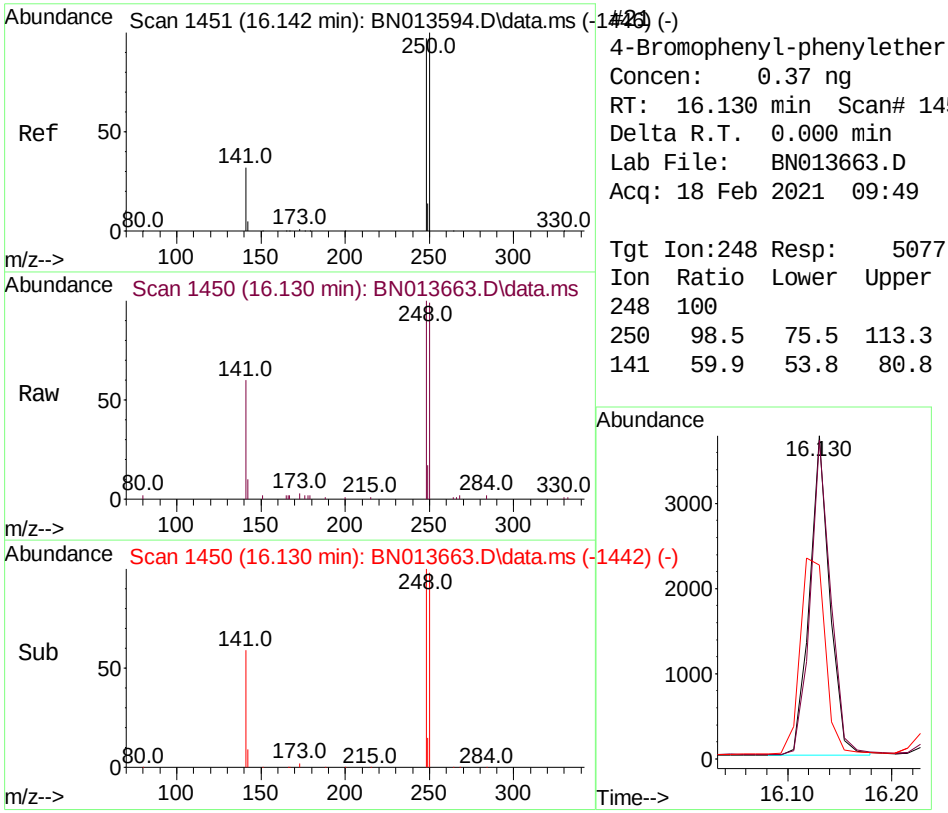


#20
4,6-Dinitro-2-methylphenol
Concen: 0.37 ng
RT: 15.323 min Scan# 1386
Delta R.T. 0.000 min
Lab File: BN013663.D
Acq: 18 Feb 2021 09:49

Tgt Ion:198 Resp: 862

Ion	Ratio	Lower	Upper
198	100		
51	100.0	61.7	92.5#
105	43.4	33.0	49.6

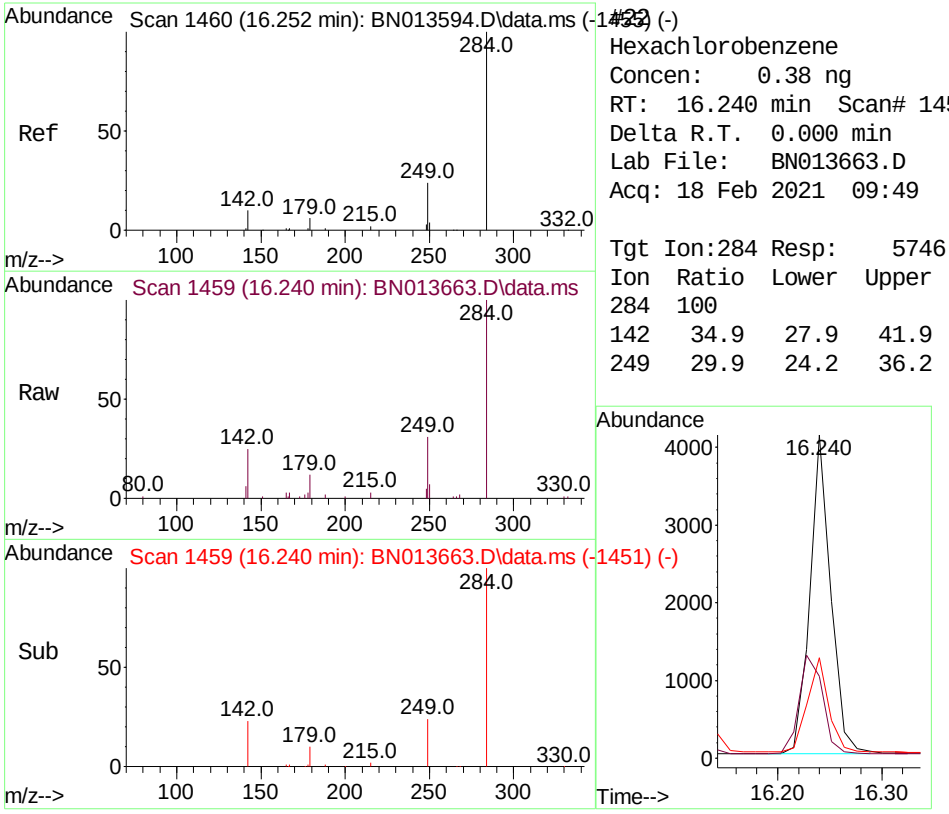
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4



#21
4-Bromophenyl-phenylether
Concen: 0.37 ng
RT: 16.130 min Scan# 1450
Delta R.T. 0.000 min
Lab File: BN013663.D
Acq: 18 Feb 2021 09:49

Tgt Ion:248 Resp: 5077

Ion	Ratio	Lower	Upper
248	100		
250	98.5	75.5	113.3
141	59.9	53.8	80.8

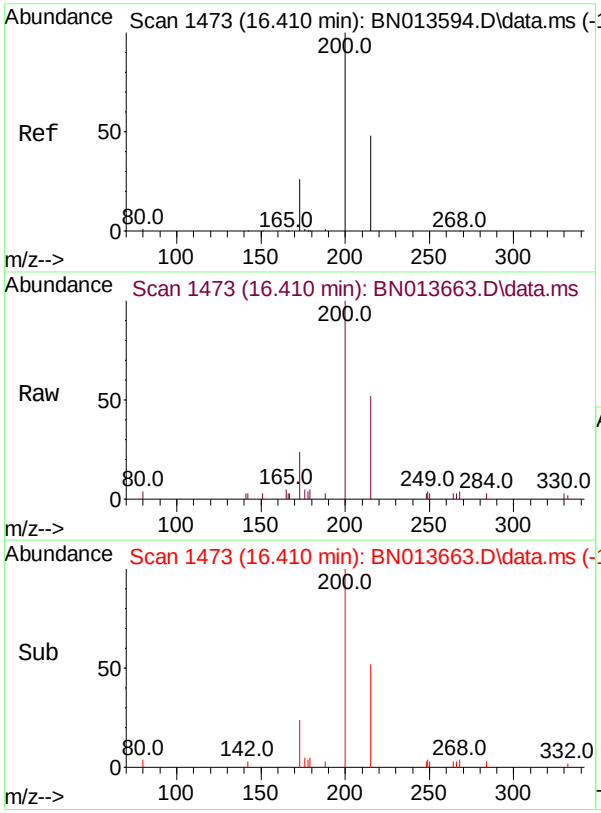


#22
Hexachlorobenzene
Concen: 0.38 ng
RT: 16.240 min Scan# 1459
Delta R.T. 0.000 min
Lab File: BN013663.D
Acq: 18 Feb 2021 09:49

Tgt Ion:284 Resp: 5746

Ion	Ratio	Lower	Upper
284	100		
142	34.9	27.9	41.9
249	29.9	24.2	36.2

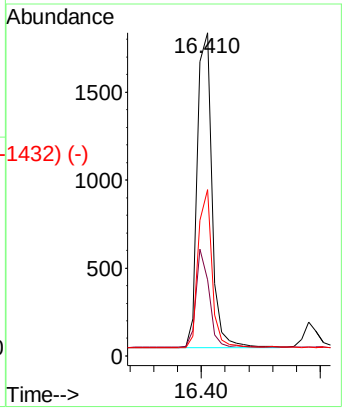
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

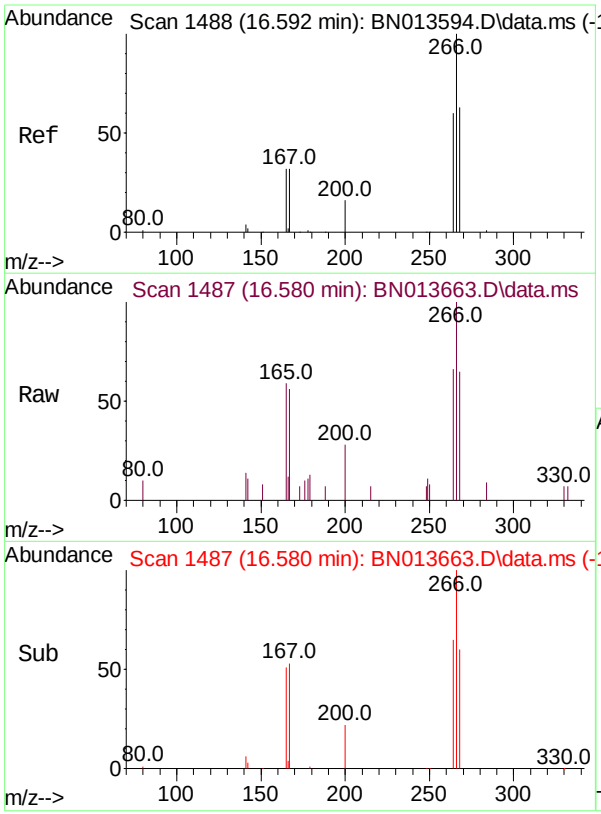


#23
Atrazine
Concen: 0.35 ng
RT: 16.410 min Scan# 1473
Delta R.T. 0.000 min
Lab File: BN013663.D
Acq: 18 Feb 2021 09:49

Tgt Ion:200 Resp: 3029

Ion	Ratio	Lower	Upper
200	100		
173	23.6	18.6	28.0
215	51.5	41.0	61.6

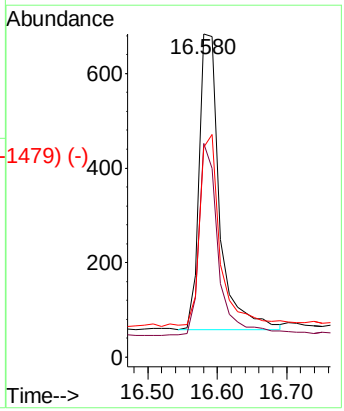




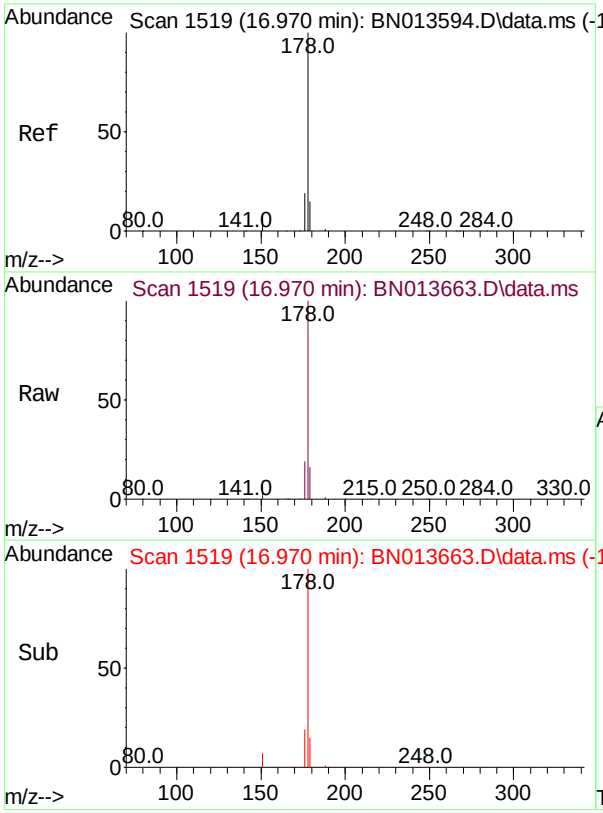
#24
Pentachlorophenol
Concen: 0.49 ng
RT: 16.580 min Scan# 1487
Delta R.T. 0.000 min
Lab File: BN013663.D
Acq: 18 Feb 2021 09:49

Tgt Ion:266 Resp: 1300

Ion	Ratio	Lower	Upper
266	100		
264	62.6	51.6	77.4
268	65.5	54.6	82.0



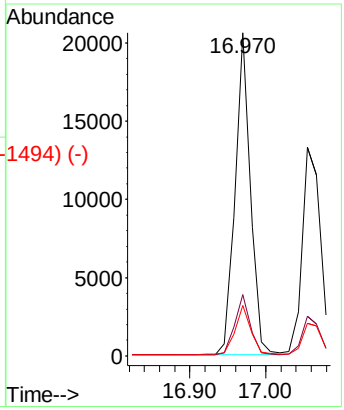
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

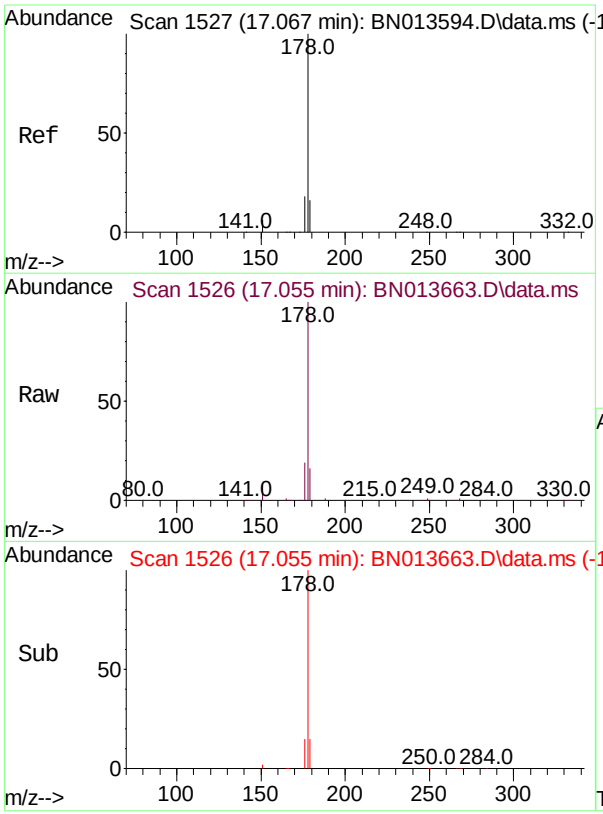


#25
Phenanthrene
Concen: 0.38 ng
RT: 16.970 min Scan# 1519
Delta R.T. 0.000 min
Lab File: BN013663.D
Acq: 18 Feb 2021 09:49

Tgt Ion:178 Resp: 28741

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.4
179	15.6	12.3	18.5

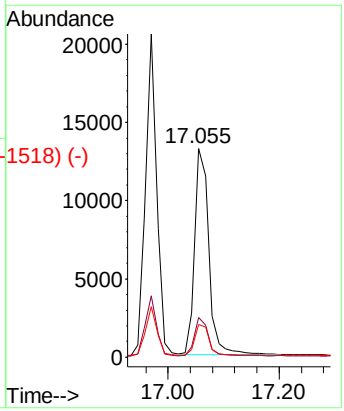




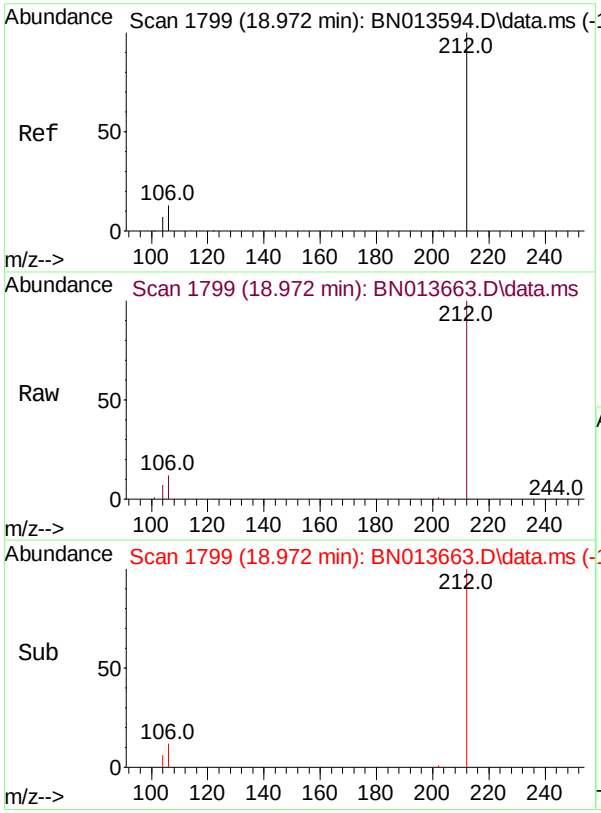
#26
Anthracene
Concen: 0.37 ng
RT: 17.055 min Scan# 1526
Delta R.T. 0.000 min
Lab File: BN013663.D
Acq: 18 Feb 2021 09:49

Tgt Ion:178 Resp: 22906

Ion	Ratio	Lower	Upper
178	100		
176	17.9	14.6	21.8
179	15.2	12.2	18.2



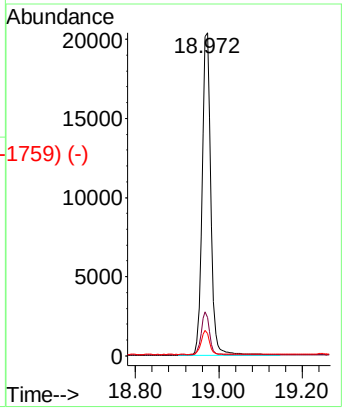
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

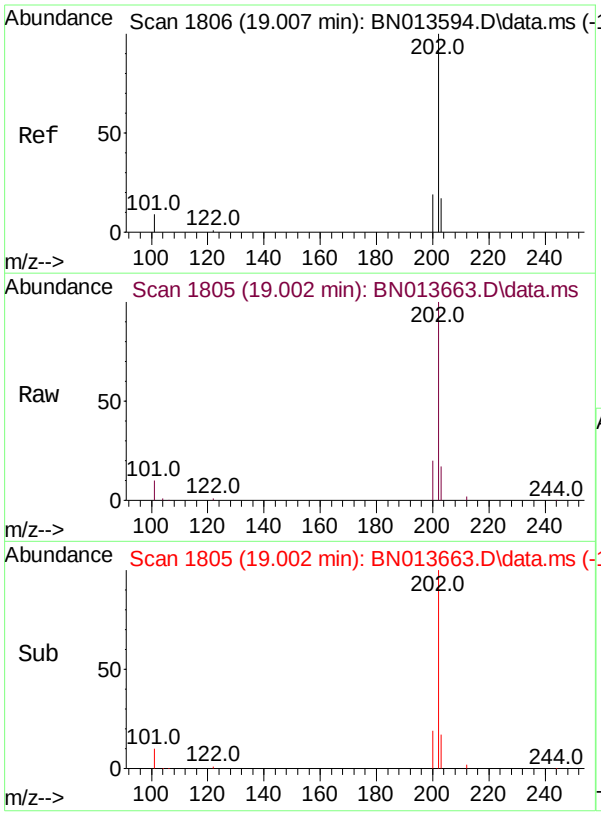


#27
Fluoranthene-d10
Concen: 0.39 ng
RT: 18.972 min Scan# 1799
Delta R.T. 0.000 min
Lab File: BN013663.D
Acq: 18 Feb 2021 09:49

Tgt Ion:212 Resp: 29033

Ion	Ratio	Lower	Upper
212	100		
106	12.9	9.7	14.5
104	7.2	5.5	8.3

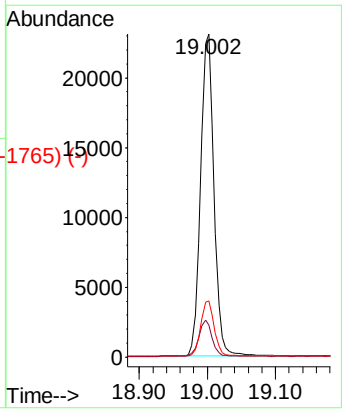




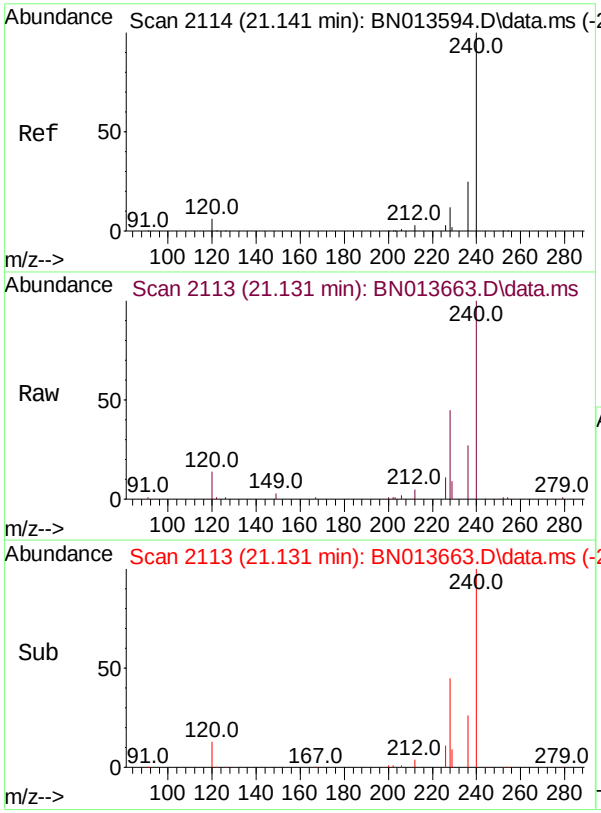
#28
Fluoranthene
Concen: 0.39 ng
RT: 19.002 min Scan# 1805
Delta R.T. 0.000 min
Lab File: BN013663.D
Acq: 18 Feb 2021 09:49

Tgt Ion:202 Resp: 31638

Ion	Ratio	Lower	Upper
202	100		
101	11.2	8.1	12.1
203	17.1	13.9	20.9



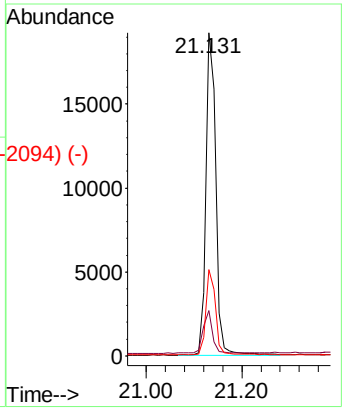
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

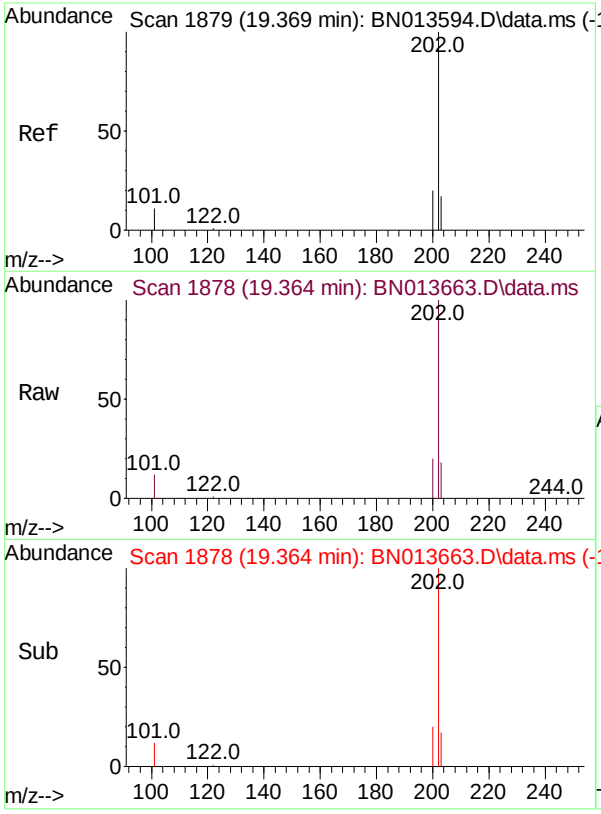


#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.131 min Scan# 2113
Delta R.T. 0.000 min
Lab File: BN013663.D
Acq: 18 Feb 2021 09:49

Tgt Ion:240 Resp: 27298

Ion	Ratio	Lower	Upper
240	100		
120	14.1	10.2	15.4
236	26.7	21.3	31.9

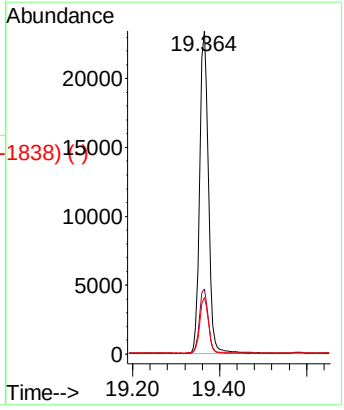




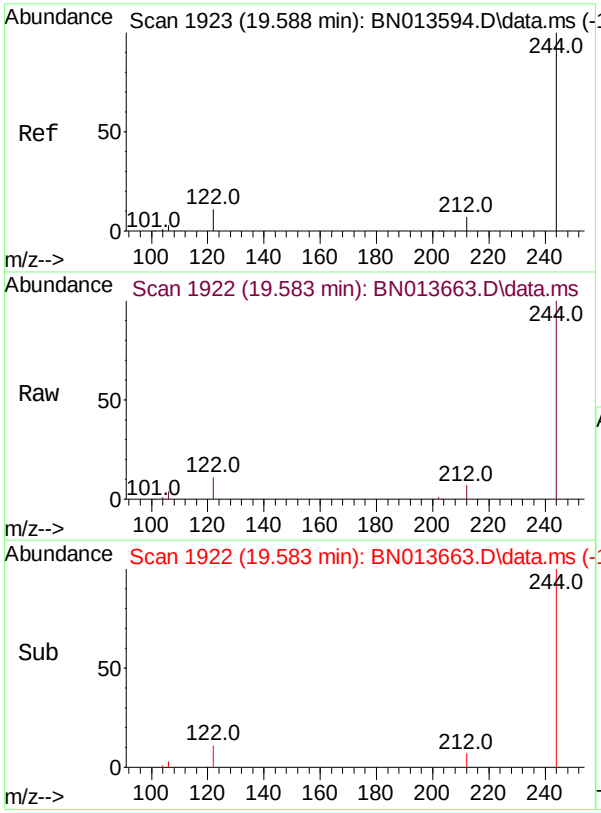
#30
Pyrene
Concen: 0.40 ng
RT: 19.364 min Scan# 1878
Delta R.T. 0.000 min
Lab File: BN013663.D
Acq: 18 Feb 2021 09:49

Tgt Ion:202 Resp: 32419

Ion	Ratio	Lower	Upper
202	100		
200	20.1	16.3	24.5
203	17.4	14.0	21.0



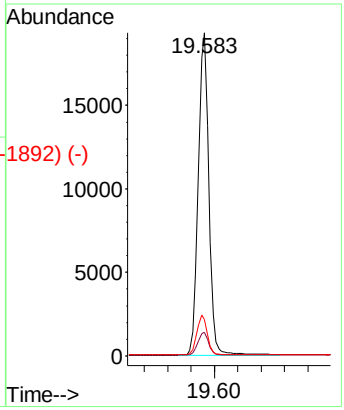
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

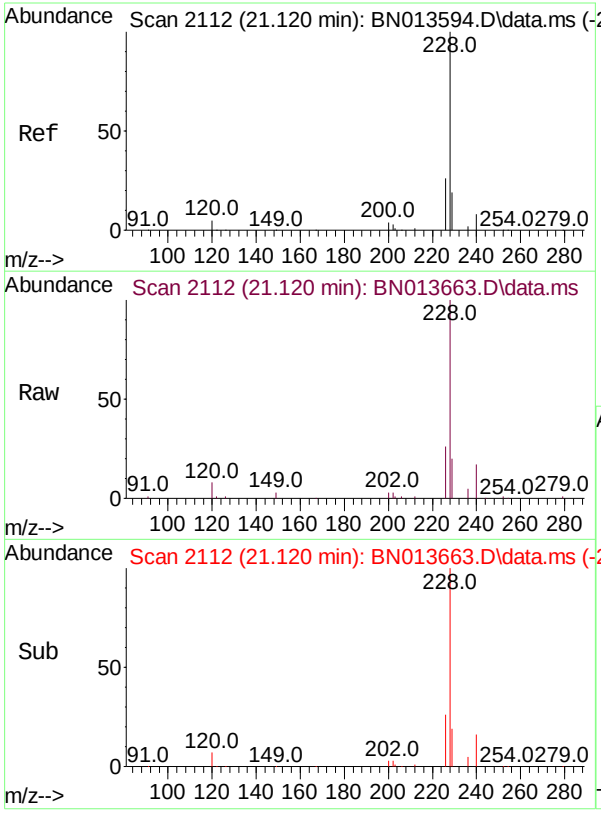


#31
Terphenyl-d14
Concen: 0.40 ng
RT: 19.583 min Scan# 1922
Delta R.T. 0.000 min
Lab File: BN013663.D
Acq: 18 Feb 2021 09:49

Tgt Ion:244 Resp: 24103

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.1	9.1
122	11.2	9.8	14.8

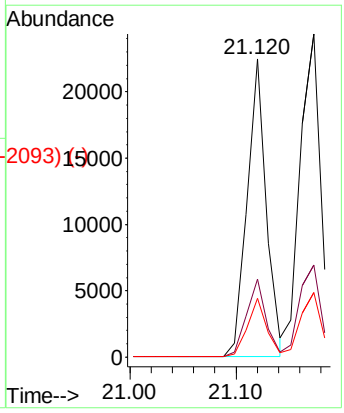




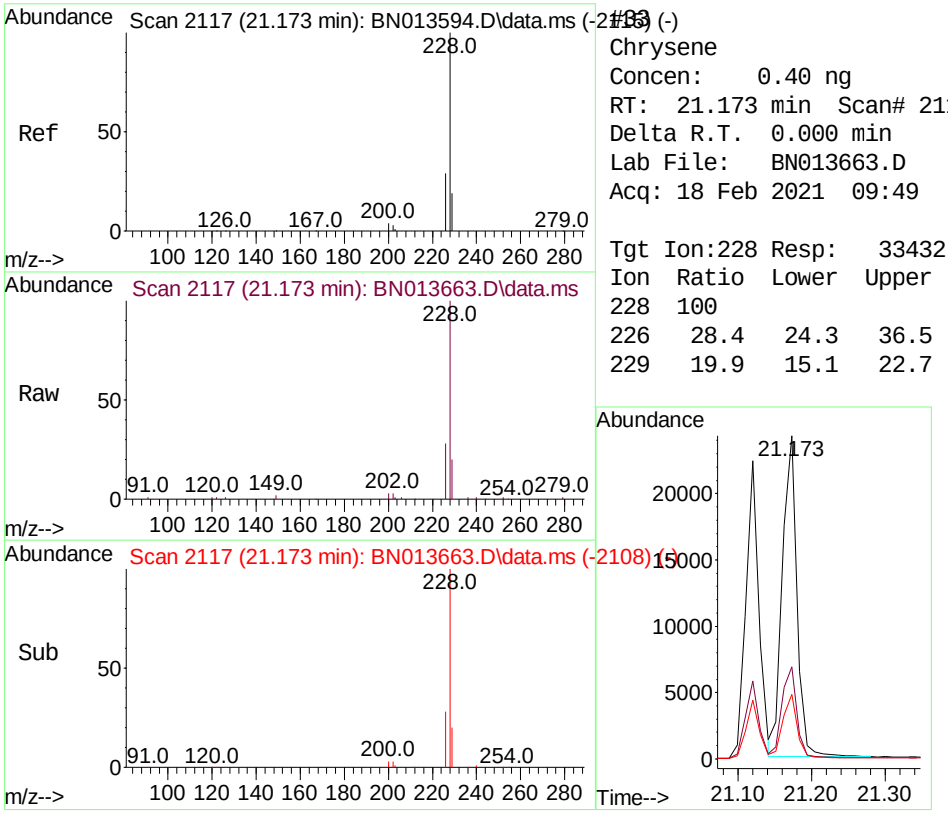
#32
Benzo(a)anthracene
Concen: 0.39 ng
RT: 21.120 min Scan# 2112
Delta R.T. 0.000 min
Lab File: BN013663.D
Acq: 18 Feb 2021 09:49

Tgt Ion:228 Resp: 28119

Ion	Ratio	Lower	Upper
228	100		
226	26.2	20.5	30.7
229	19.7	16.2	24.4



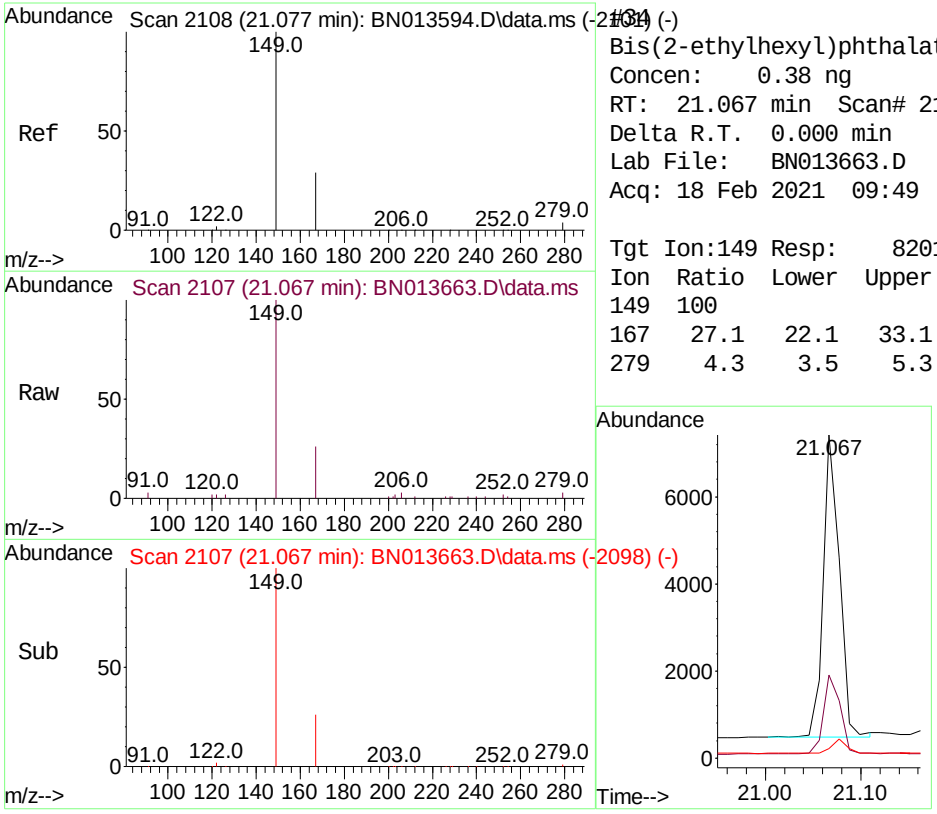
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4



#33
Chrysene
Concen: 0.40 ng
RT: 21.173 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BN013663.D
Acq: 18 Feb 2021 09:49

Tgt Ion:228 Resp: 33432

Ion	Ratio	Lower	Upper
228	100		
226	28.4	24.3	36.5
229	19.9	15.1	22.7

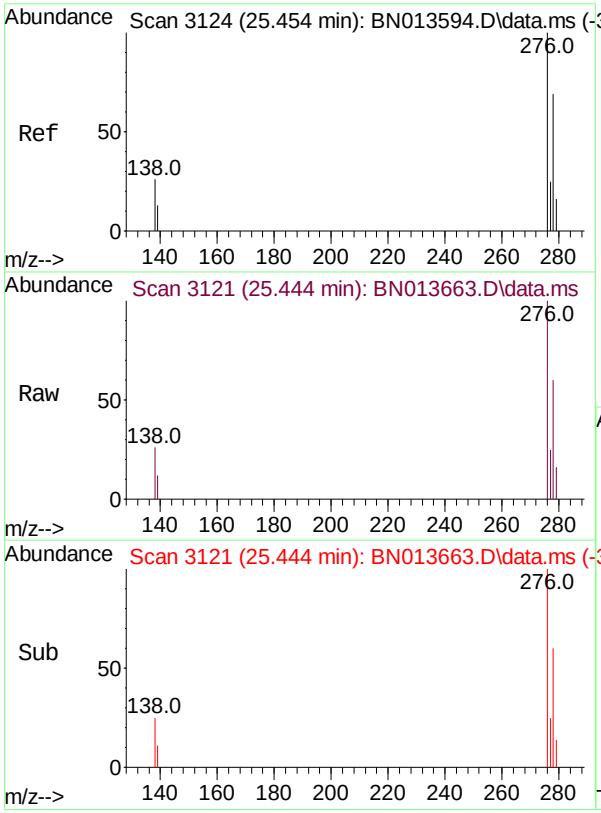


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.38 ng
RT: 21.067 min Scan# 2107
Delta R.T. 0.000 min
Lab File: BN013663.D
Acq: 18 Feb 2021 09:49

Tgt Ion:149 Resp: 8201

Ion	Ratio	Lower	Upper
149	100		
167	27.1	22.1	33.1
279	4.3	3.5	5.3

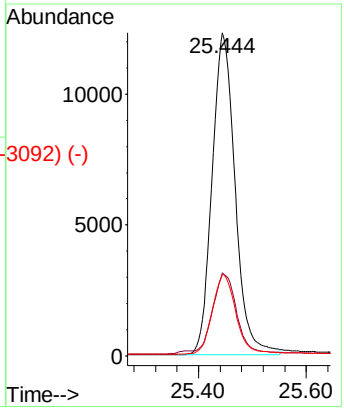
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

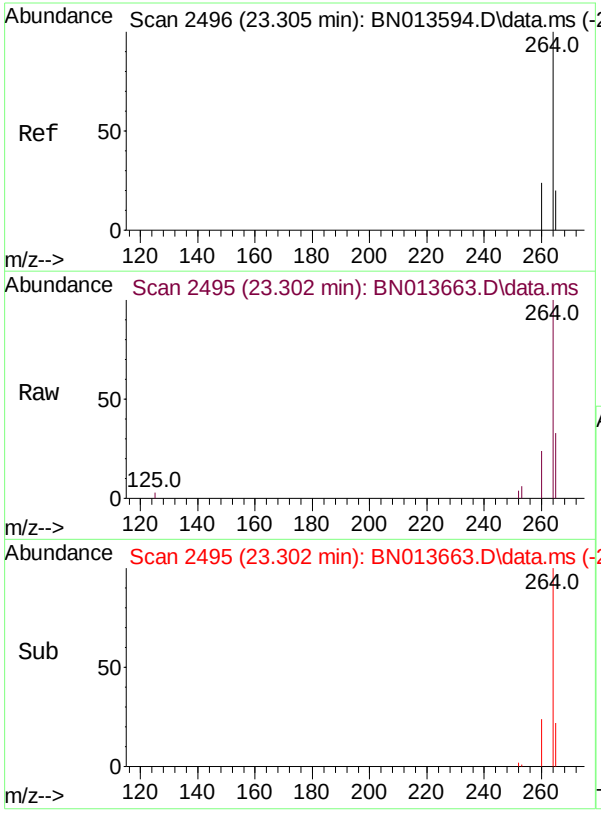


#35
Indeno(1,2,3-cd)pyrene
Concen: 0.42 ng
RT: 25.444 min Scan# 3121
Delta R.T. 0.000 min
Lab File: BN013663.D
Acq: 18 Feb 2021 09:49

Tgt Ion:276 Resp: 36435

Ion	Ratio	Lower	Upper
276	100		
138	25.2	19.8	29.6
277	25.1	19.9	29.9

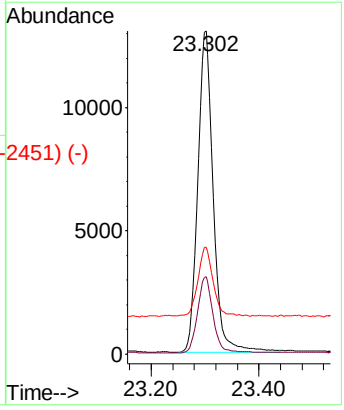




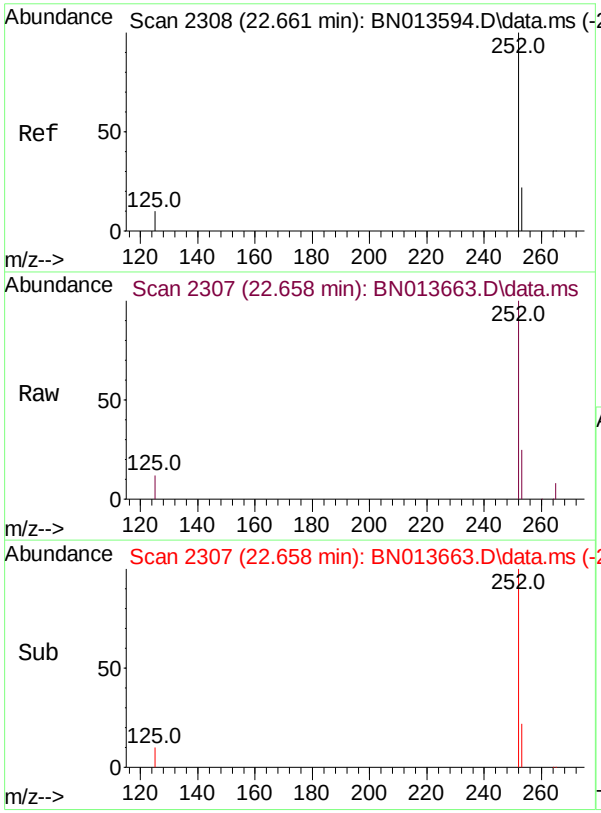
#36
Perylene-d12
Concen: 0.40 ng
RT: 23.302 min Scan# 2495
Delta R.T. 0.000 min
Lab File: BN013663.D
Acq: 18 Feb 2021 09:49

Tgt Ion:264 Resp: 25903

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.3	28.9
265	33.1	66.2	99.4#



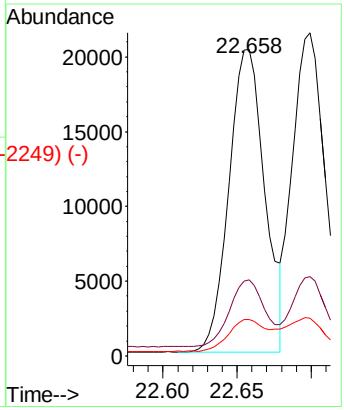
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

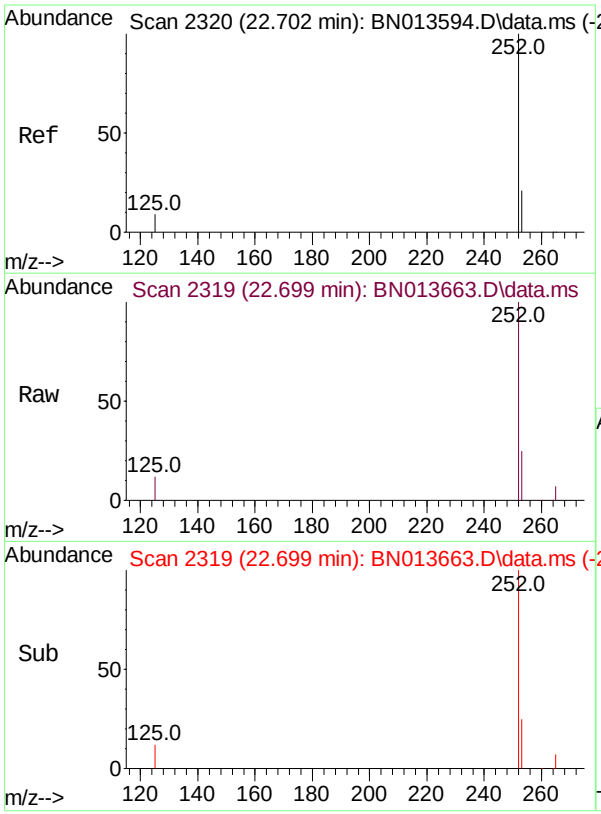


#37
Benzo(b)fluoranthene
Concen: 0.38 ng
RT: 22.658 min Scan# 2307
Delta R.T. 0.000 min
Lab File: BN013663.D
Acq: 18 Feb 2021 09:49

Tgt Ion:252 Resp: 34092

Ion	Ratio	Lower	Upper
252	100		
253	24.8	20.4	30.6
125	11.8	11.6	17.4

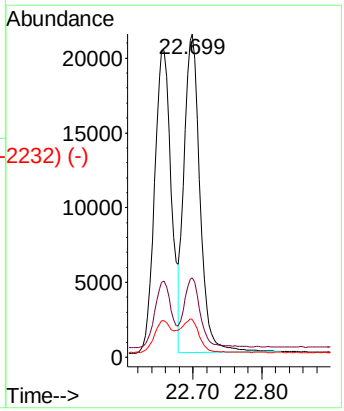




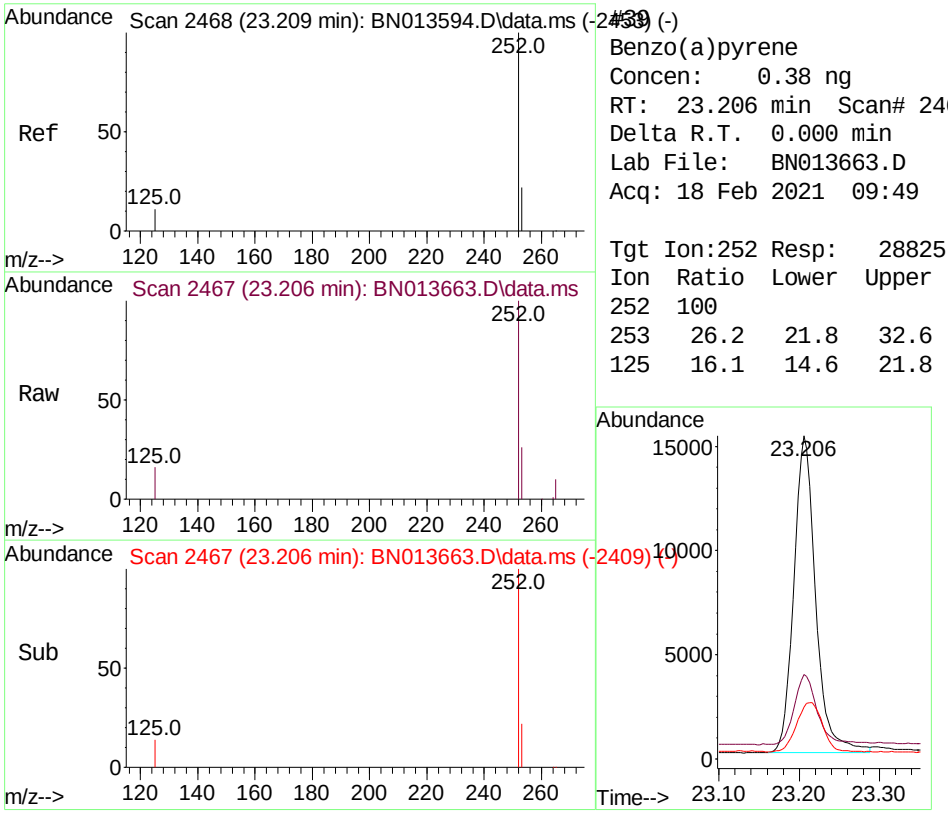
#38
Benzo(k)fluoranthene
Concen: 0.38 ng
RT: 22.699 min Scan# 2319
Delta R.T. 0.000 min
Lab File: BN013663.D
Acq: 18 Feb 2021 09:49

Tgt Ion:252 Resp: 34080

Ion	Ratio	Lower	Upper
252	100		
253	24.5	20.5	30.7
125	11.6	12.3	18.5#



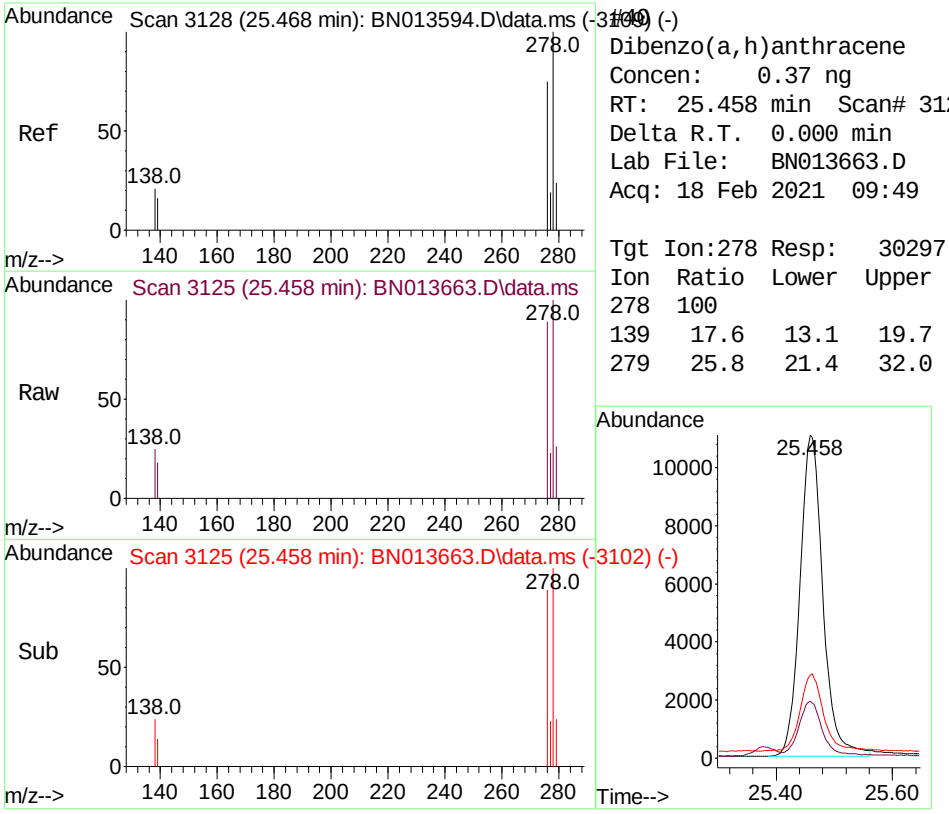
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4



#39
Benzo(a)pyrene
Concen: 0.38 ng
RT: 23.206 min Scan# 2467
Delta R.T. 0.000 min
Lab File: BN013663.D
Acq: 18 Feb 2021 09:49

Tgt Ion:252 Resp: 28825

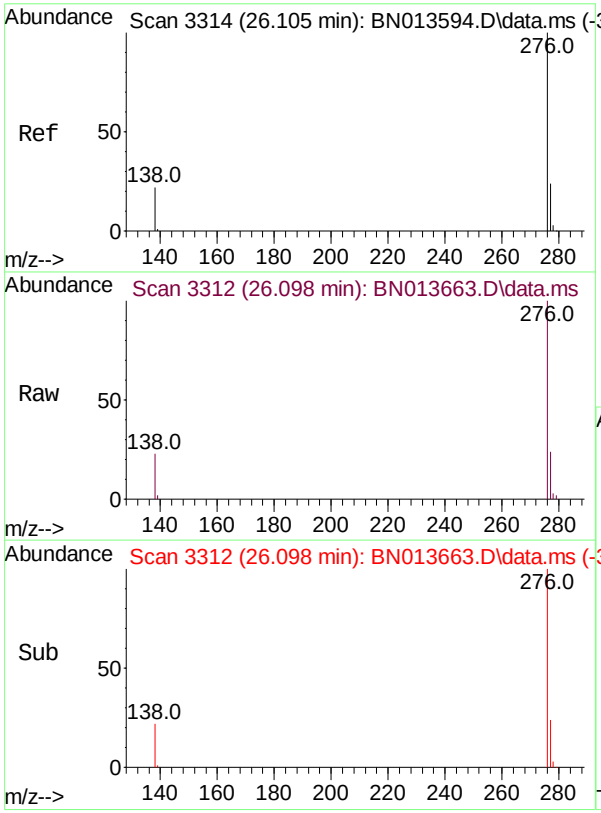
Ion	Ratio	Lower	Upper
252	100		
253	26.2	21.8	32.6
125	16.1	14.6	21.8



#40
Dibenzo(a,h)anthracene
Concen: 0.37 ng
RT: 25.458 min Scan# 3125
Delta R.T. 0.000 min
Lab File: BN013663.D
Acq: 18 Feb 2021 09:49

Tgt Ion:278 Resp: 30297

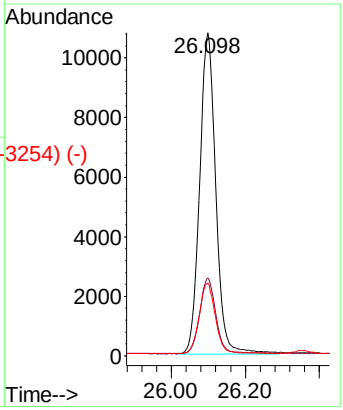
Ion	Ratio	Lower	Upper
278	100		
139	17.6	13.1	19.7
279	25.8	21.4	32.0



#41
Benzo(g,h,i)perylene
Concen: 0.37 ng
RT: 26.098 min Scan# 3312
Delta R.T. 0.000 min
Lab File: BN013663.D
Acq: 18 Feb 2021 09:49

Tgt Ion:276 Resp: 32177

Ion	Ratio	Lower	Upper
276	100		
277	24.1	20.0	30.0
138	22.6	17.8	26.8



Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4