Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052621\
Data File : BN014770.D
Acq On : 26 May 2021 18:08
Operator : CG/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICCC0.4

Quant Time: May 26 18:48:07 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN052621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 26 18:47:42 2021
Response via : Initial Calibration

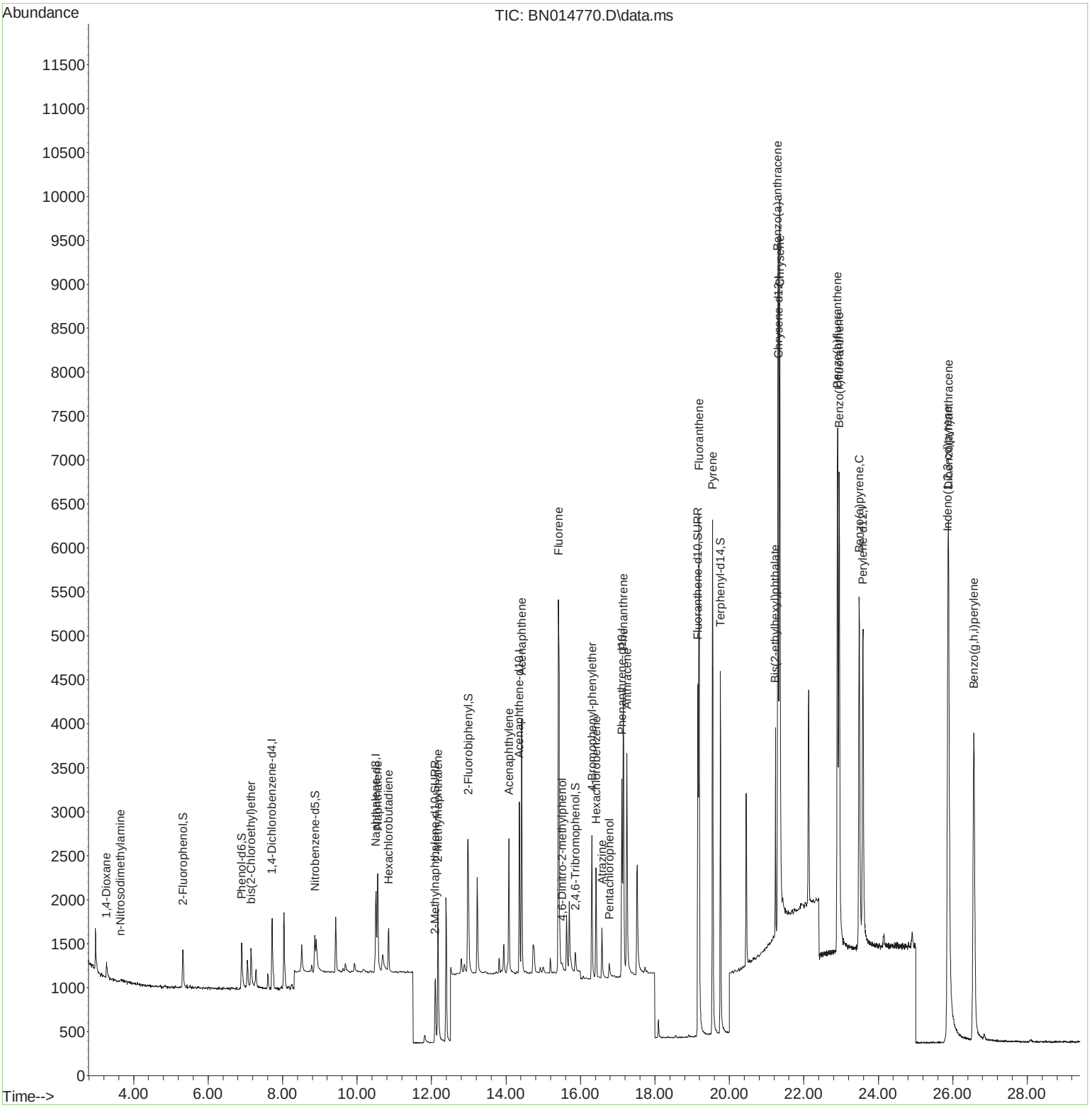
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	390	0.40	ng	0.00
7) Naphthalene-d8	10.505	136	1487	0.40	ng	0.00
13) Acenaphthene-d10	14.359	164	1192	0.40	ng	0.00
19) Phenanthrene-d10	17.116	188	3302	0.40	ng	0.00
29) Chrysene-d12	21.322	240	5425	0.40	ng	0.00
35) Perylene-d12	23.586	264	5454	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.325	112	473	0.46	ng	0.00
5) Phenol-d6	6.895	99	653	0.47	ng	0.00
8) Nitrobenzene-d5	8.870	82	546	0.43	ng	0.00
11) 2-Methylnaphthalene-d10	12.102	152	1227	0.34	ng	0.00
14) 2,4,6-Tribromophenol	15.869	330	254	0.46	ng	0.00
15) 2-Fluorobiphenyl	12.989	172	1794	0.41	ng	0.00
27) Fluoranthene-d10	19.156	212	5522	0.37	ng	0.00
31) Terphenyl-d14	19.761	244	5210	0.41	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.271	88	167	0.32	ng	# 83
3) n-Nitrosodimethylamine	3.641	42	29	0.15	ng	# 100
6) bis(2-Chloroethyl)ether	7.153	93	500	0.44	ng	100
9) Naphthalene	10.556	128	1767	0.45	ng	100
10) Hexachlorobutadiene	10.847	225	463	0.49	ng	# 100
12) 2-Methylnaphthalene	12.173	142	1271	0.44	ng	100
16) Acenaphthylene	14.080	152	1863	0.42	ng	100
17) Acenaphthene	14.422	154	1435	0.44	ng	100
18) Fluorene	15.412	166	2071	0.47	ng	100
20) 4,6-Dinitro-2-methylph...	15.513	198	91	0.24	ng	100
21) 4-Bromophenyl-phenylether	16.312	248	882	0.44	ng	100
22) Hexachlorobenzene	16.422	284	1018	0.48	ng	99
23) Atrazine	16.580	200	537	0.42	ng	100
24) Pentachlorophenol	16.775	266	154	0.22	ng	100
25) Phenanthrene	17.152	178	3939	0.43	ng	100
26) Anthracene	17.250	178	3246	0.43	ng	100
28) Fluoranthene	19.186	202	5941	0.50	ng	100
30) Pyrene	19.553	202	6135	0.41	ng	100
32) Benzo(a)anthracene	21.300	228	6524	0.41	ng	100
33) Chrysene	21.353	228	7561	0.46	ng	100
34) Bis(2-ethylhexyl)phtha...	21.237	149	1916	0.44	ng	100
36) Indeno(1,2,3-cd)pyrene	25.869	276	9301	0.42	ng	100
37) Benzo(b)fluoranthene	22.901	252	8174	0.44	ng	100
38) Benzo(k)fluoranthene	22.949	252	8818	0.46	ng	100
39) Benzo(a)pyrene	23.486	252	7214	0.46	ng	100
40) Dibenzo(a,h)anthracene	25.886	278	7699	0.41	ng	100
41) Benzo(g,h,i)perylene	26.567	276	8749	0.49	ng	100

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

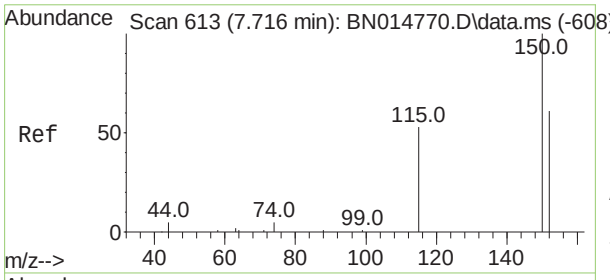
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052621\
Data File : BN014770.D
Acq On : 26 May 2021 18:08
Operator : CG/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

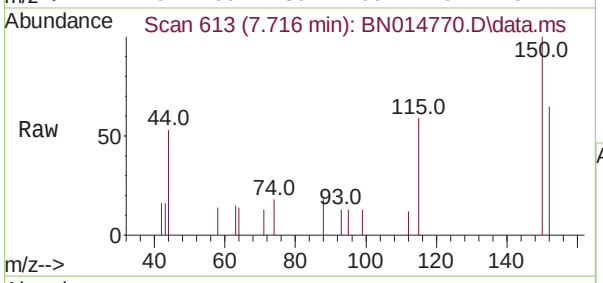
Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

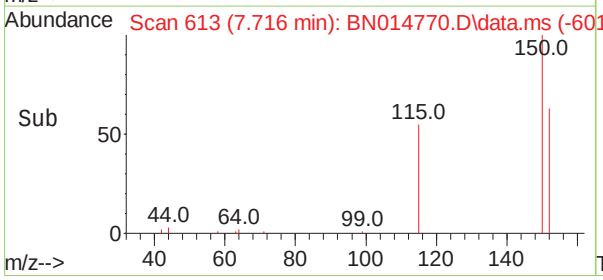
Quant Time: May 26 18:48:07 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN052621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 26 18:47:42 2021
Response via : Initial Calibration



Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4



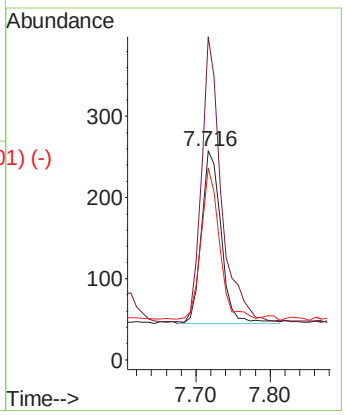


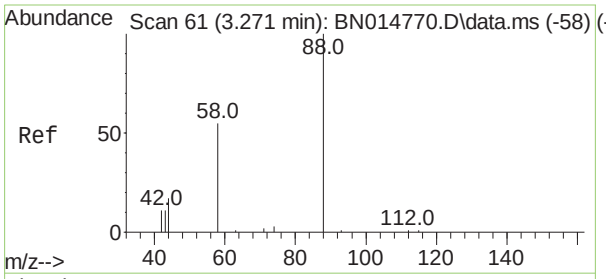


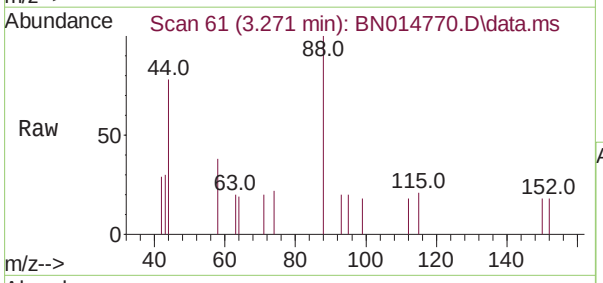
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.716 min Scan# 613
Delta R.T. 0.000 min
Lab File: BN014770.D
Acq: 26 May 2021 18:08

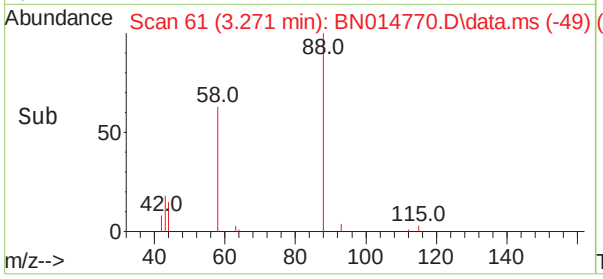
Tgt Ion:152 Resp: 390

Ion	Ratio	Lower	Upper
152	100		
150	154.3	123.4	185.2
115	91.5	73.2	109.8





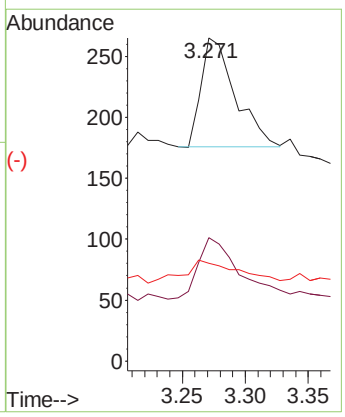




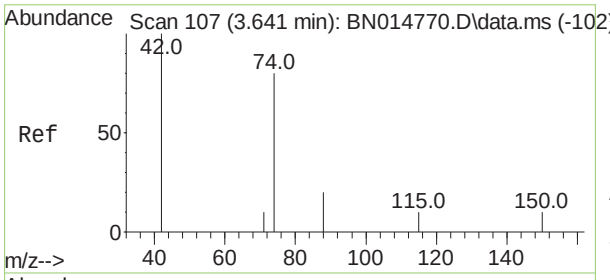
#2
1,4-Dioxane
Concen: 0.32 ng
RT: 3.271 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN014770.D
Acq: 26 May 2021 18:08

Tgt Ion: 88 Resp: 167

Ion	Ratio	Lower	Upper
88	100		
58	68.9	44.7	67.1#
43	33.5	21.0	31.6#



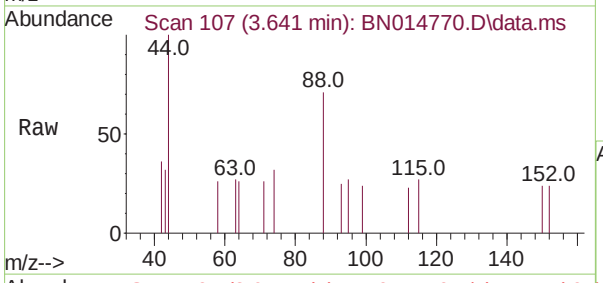
Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

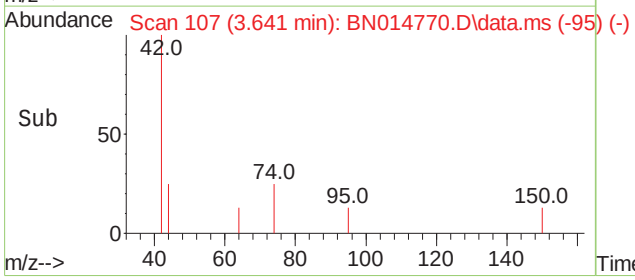


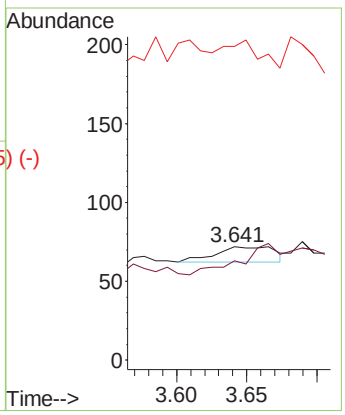
#3
n-Nitrosodimethylamine
Concen: 0.15 ng
RT: 3.641 min Scan# 107
Delta R.T. 0.000 min
Lab File: BN014770.D
Acq: 26 May 2021 18:08

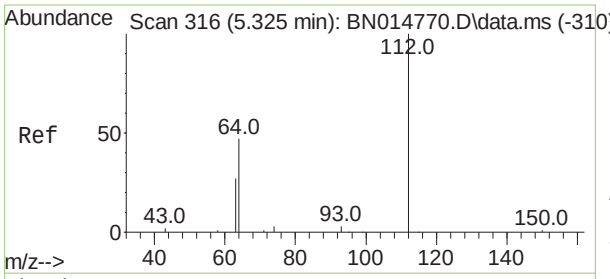
Tgt Ion: 42 Resp: 29

Ion	Ratio	Lower	Upper
42	100		
74	0.0	0.0	0.0
44	100.0	80.0	120.0





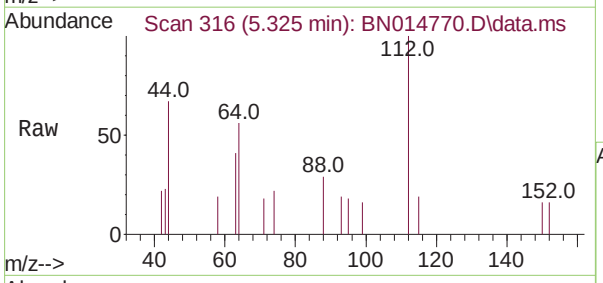


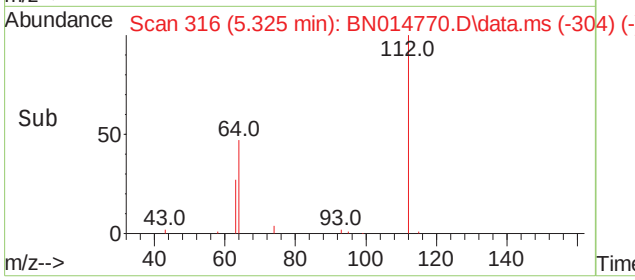


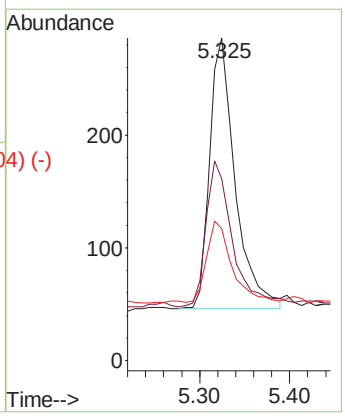
#4
2-Fluorophenol
Concen: 0.46 ng
RT: 5.325 min Scan# 316
Delta R.T. 0.000 min
Lab File: BN014770.D
Acq: 26 May 2021 18:08

Tgt Ion:112 Resp: 473

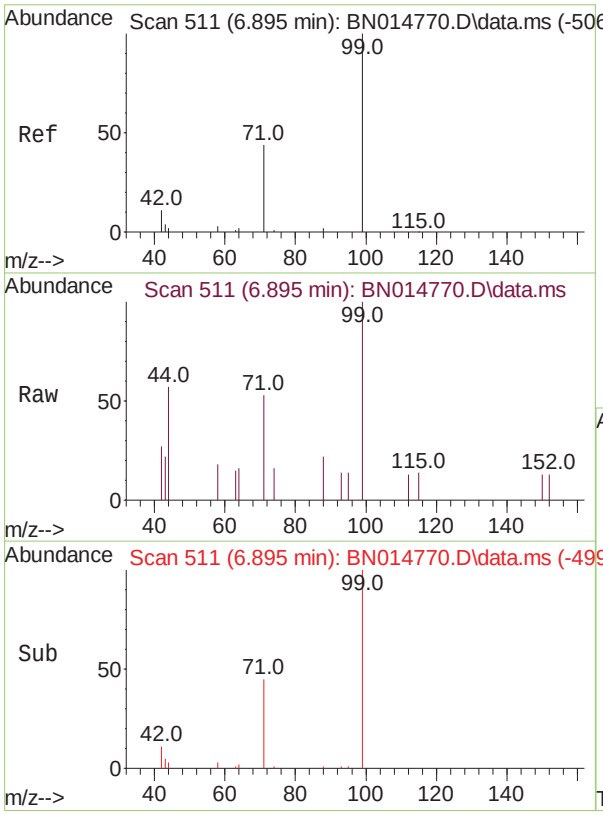
Ion	Ratio	Lower	Upper
112	100		
64	54.5	43.6	65.4
63	31.3	25.0	37.6







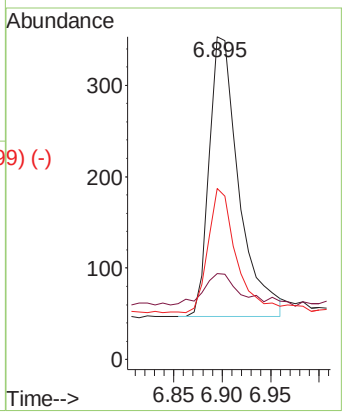
Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

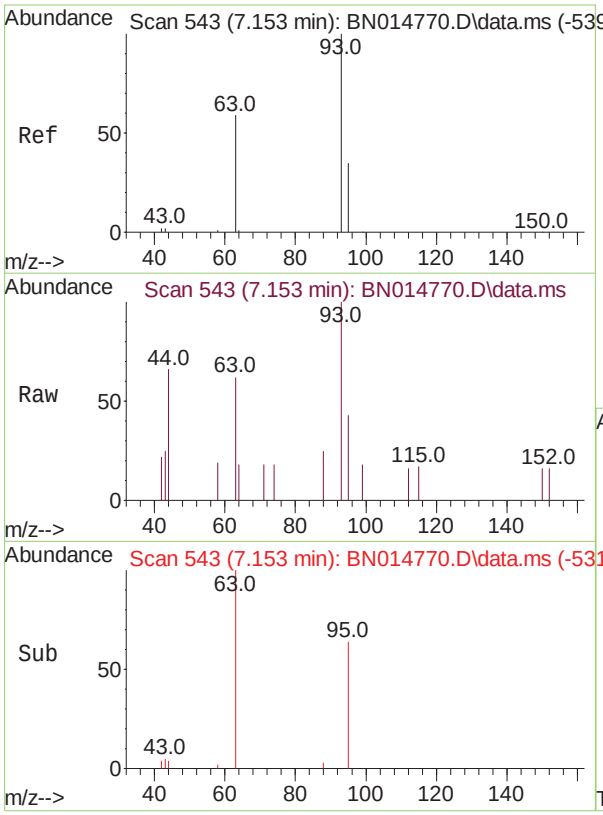


#5
Phenol-d6
Concen: 0.47 ng
RT: 6.895 min Scan# 511
Delta R.T. 0.000 min
Lab File: BN014770.D
Acq: 26 May 2021 18:08

Tgt Ion: 99 Resp: 653

Ion	Ratio	Lower	Upper
99	100		
42	13.3	10.2	15.2
71	41.2	32.4	48.6

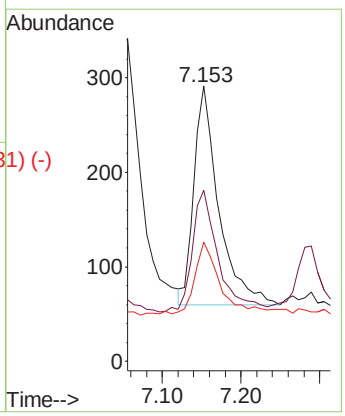




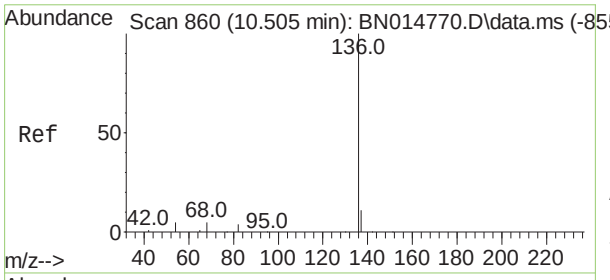
#6
bis(2-Chloroethyl)ether
Concen: 0.44 ng
RT: 7.153 min Scan# 543
Delta R.T. 0.000 min
Lab File: BN014770.D
Acq: 26 May 2021 18:08

Tgt Ion: 93 Resp: 500

Ion	Ratio	Lower	Upper
93	100		
63	59.4	47.5	71.3
95	35.6	28.5	42.7



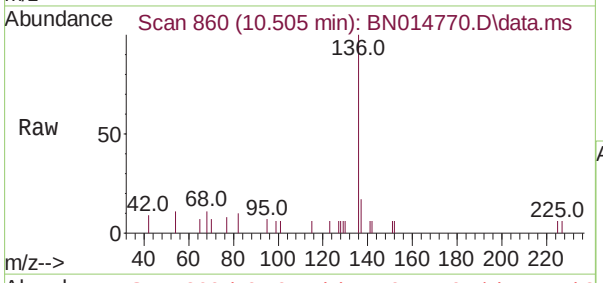
Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

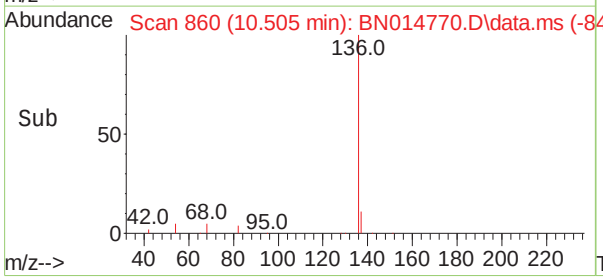


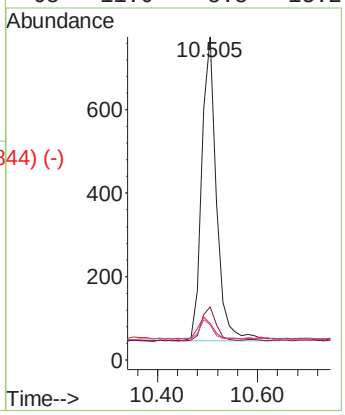
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.505 min Scan# 860
Delta R.T. 0.000 min
Lab File: BN014770.D
Acq: 26 May 2021 18:08

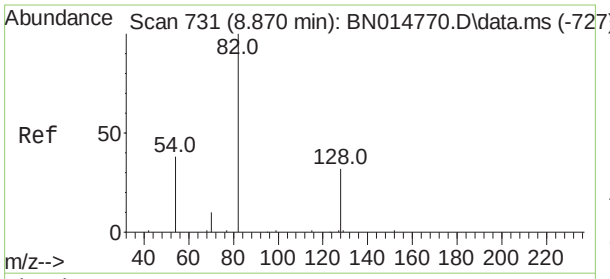
Tgt Ion:136 Resp: 1487

Ion	Ratio	Lower	Upper
136	100		
137	16.5	13.2	19.8
54	11.2	9.0	13.4
68	11.0	8.8	13.2





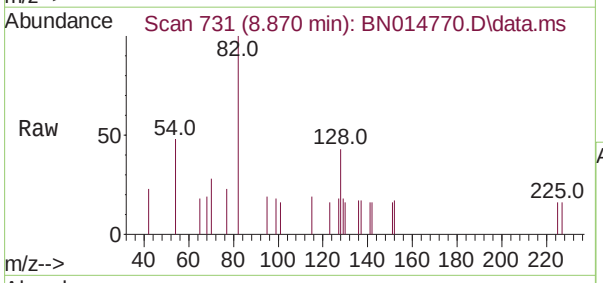


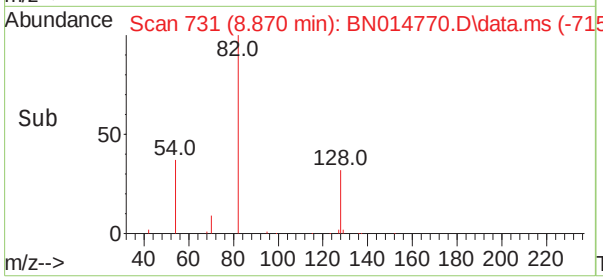


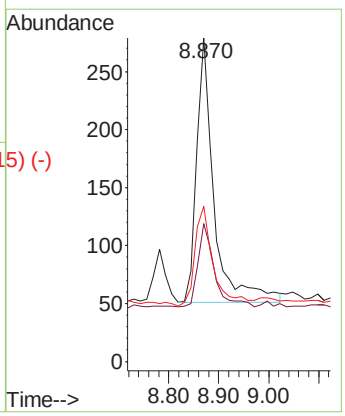
#8
Nitrobenzene-d5
Concen: 0.43 ng
RT: 8.870 min Scan# 731
Delta R.T. 0.000 min
Lab File: BN014770.D
Acq: 26 May 2021 18:08

Tgt Ion: 82 Resp: 546

Ion	Ratio	Lower	Upper
82	100		
128	42.7	34.2	51.2
54	48.0	38.4	57.6







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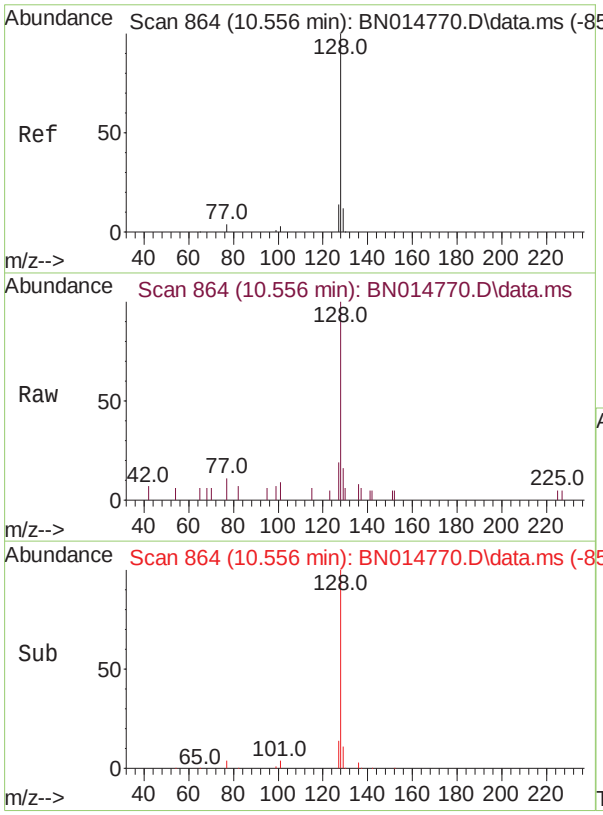
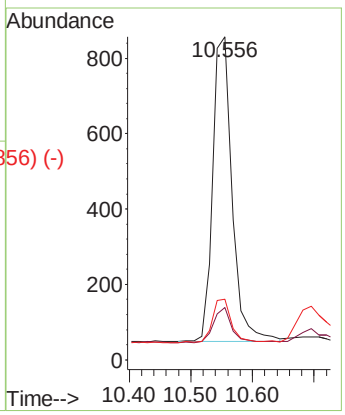
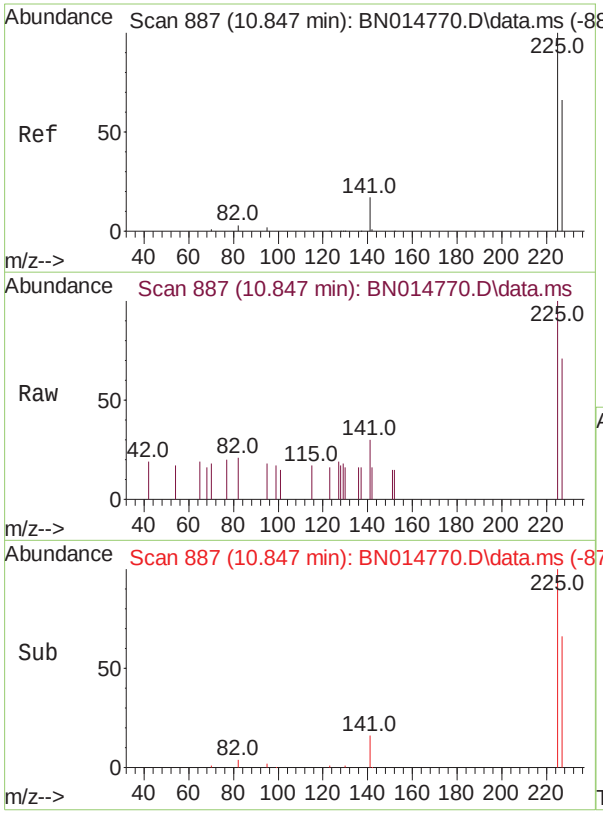


#9
Naphthalene
Concen: 0.45 ng
RT: 10.556 min Scan# 864
Delta R.T. 0.000 min
Lab File: BN014770.D
Acq: 26 May 2021 18:08

Tgt Ion:128 Resp: 1767

Ion	Ratio	Lower	Upper
128	100		
129	16.2	13.0	19.4
127	18.8	15.0	22.6

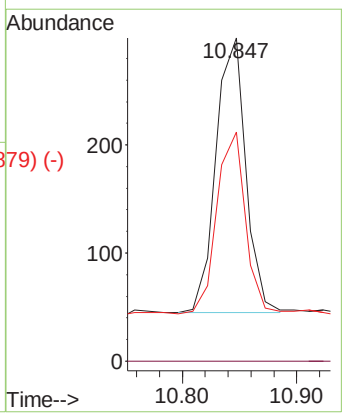




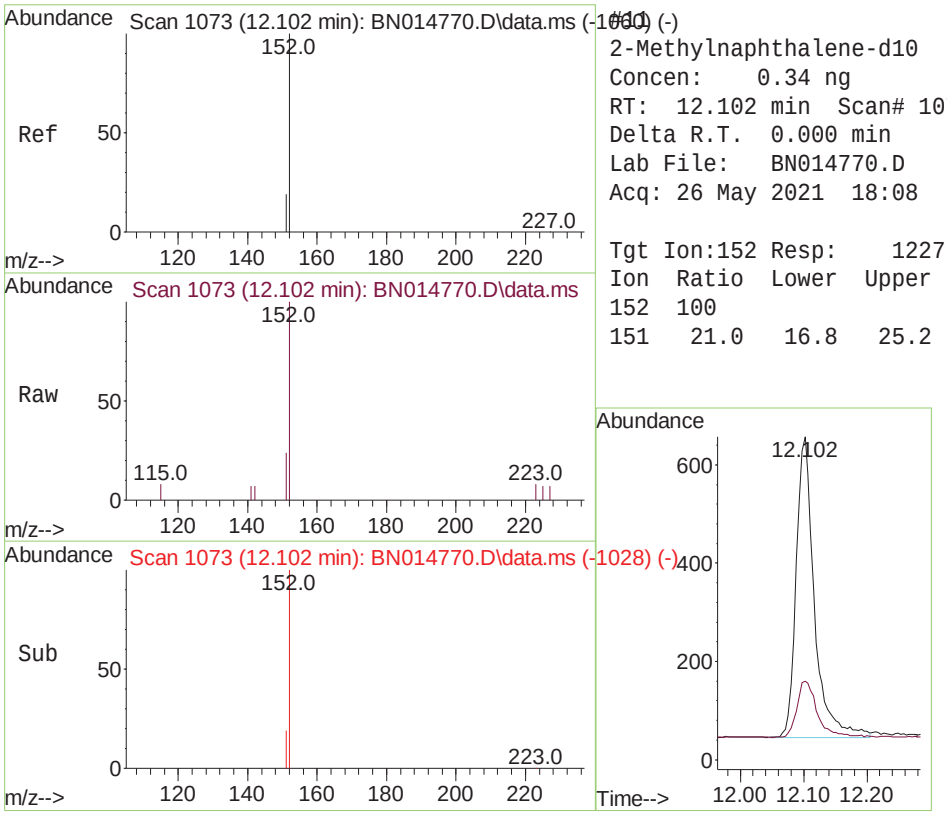
#10
Hexachlorobutadiene
Concen: 0.49 ng
RT: 10.847 min Scan# 887
Delta R.T. 0.000 min
Lab File: BN014770.D
Acq: 26 May 2021 18:08

Tgt Ion:225 Resp: 463

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.5	50.8	76.2



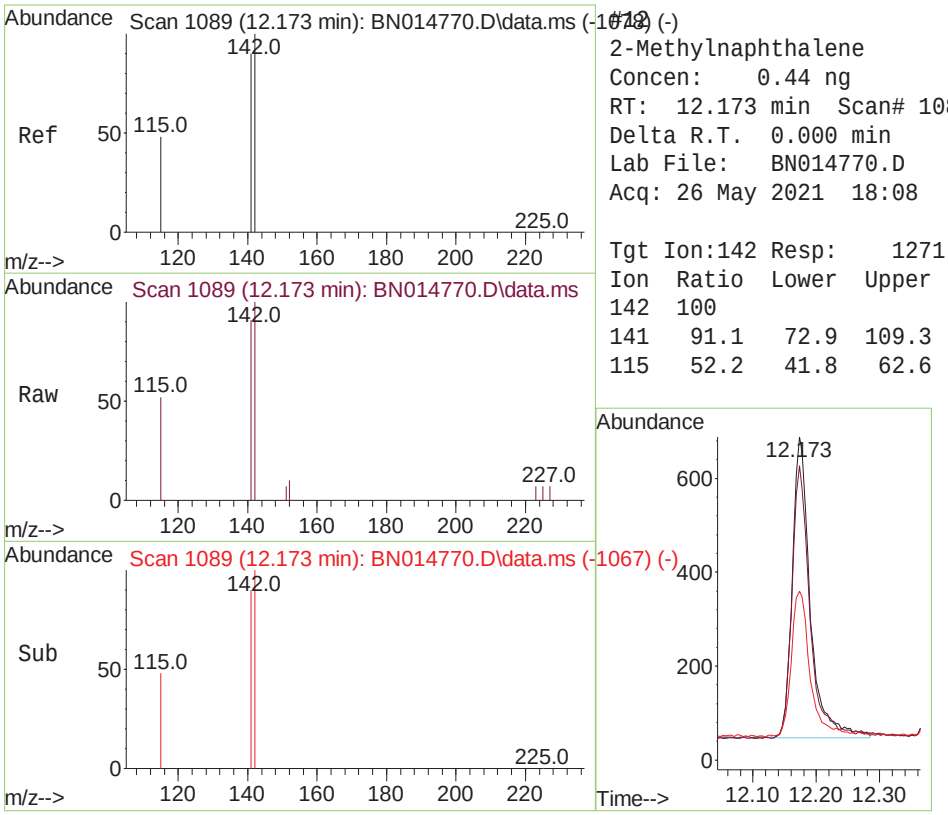
Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4



#11
2-Methylnaphthalene-d10
Concen: 0.34 ng
RT: 12.102 min Scan# 1073
Delta R.T. 0.000 min
Lab File: BN014770.D
Acq: 26 May 2021 18:08

Tgt Ion:152 Resp: 1227

Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.8	25.2

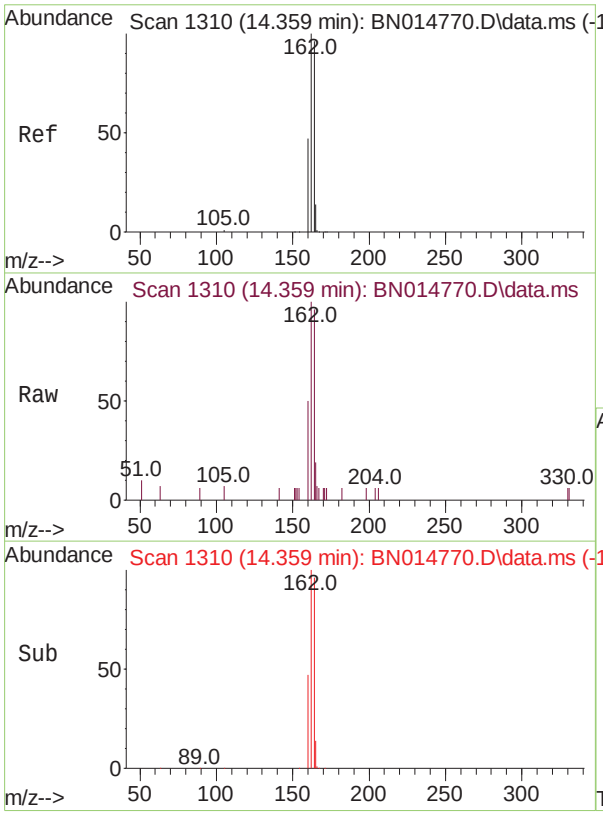


#12
2-Methylnaphthalene
Concen: 0.44 ng
RT: 12.173 min Scan# 1089
Delta R.T. 0.000 min
Lab File: BN014770.D
Acq: 26 May 2021 18:08

Tgt Ion:142 Resp: 1271

Ion	Ratio	Lower	Upper
142	100		
141	91.1	72.9	109.3
115	52.2	41.8	62.6

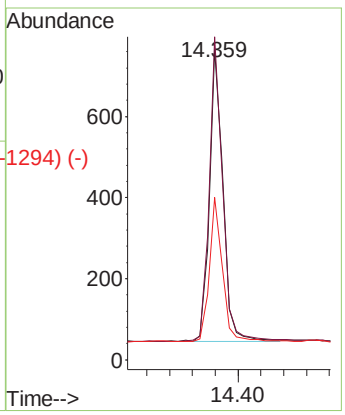
Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

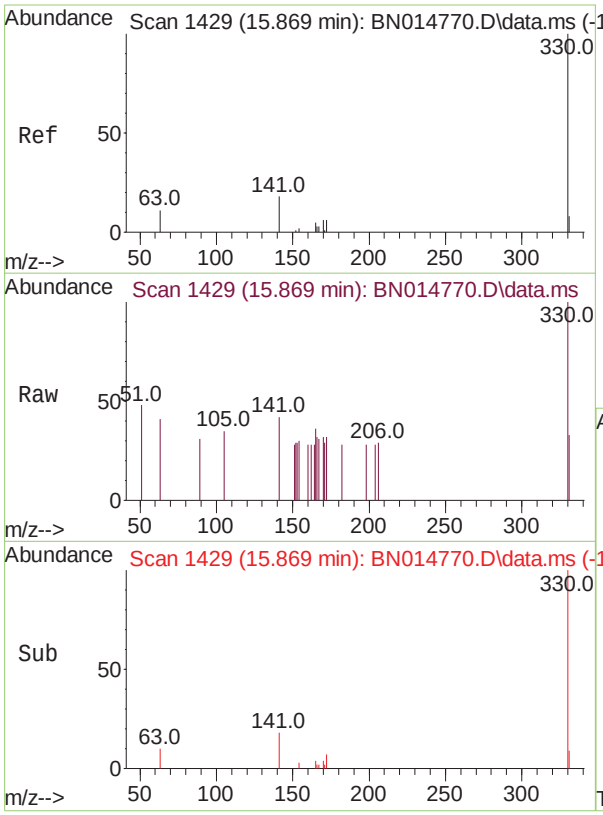


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.359 min Scan# 1310
Delta R.T. 0.000 min
Lab File: BN014770.D
Acq: 26 May 2021 18:08

Tgt Ion:164 Resp: 1192

Ion	Ratio	Lower	Upper
164	100		
162	104.0	83.2	124.8
160	52.2	41.8	62.6

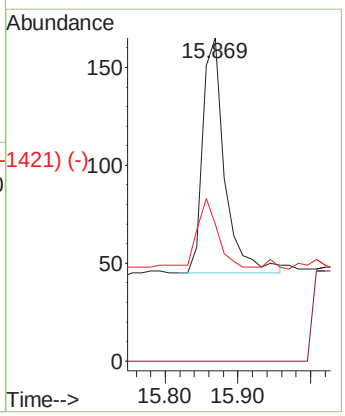




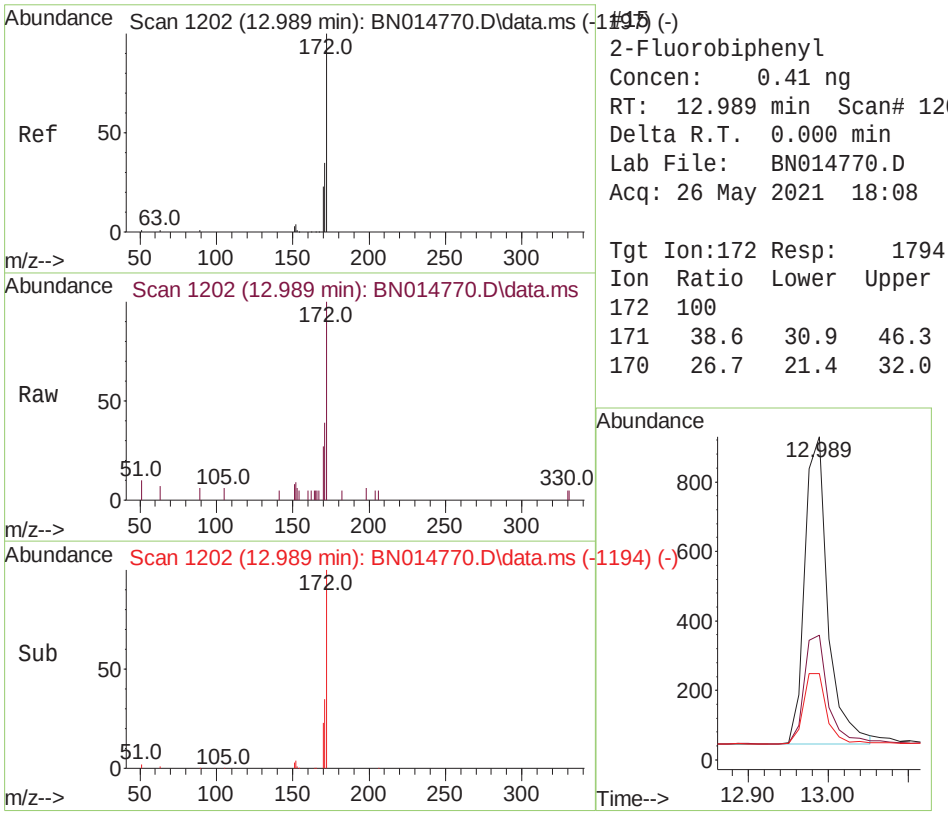
#14
2,4,6-Tribromophenol
Concen: 0.46 ng
RT: 15.869 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BN014770.D
Acq: 26 May 2021 18:08

Tgt Ion:330 Resp: 254

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	26.4	21.8	32.6



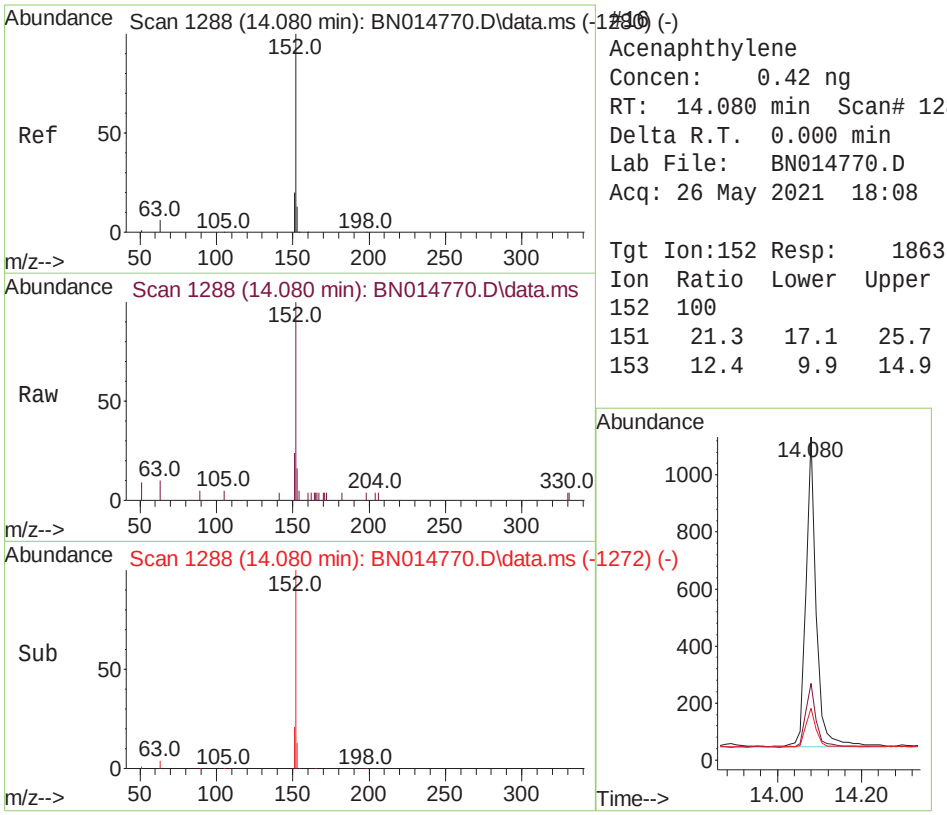
Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4



#15
2-Fluorobiphenyl
Concen: 0.41 ng
RT: 12.989 min Scan# 1202
Delta R.T. 0.000 min
Lab File: BN014770.D
Acq: 26 May 2021 18:08

Tgt Ion:172 Resp: 1794

Ion	Ratio	Lower	Upper
172	100		
171	38.6	30.9	46.3
170	26.7	21.4	32.0

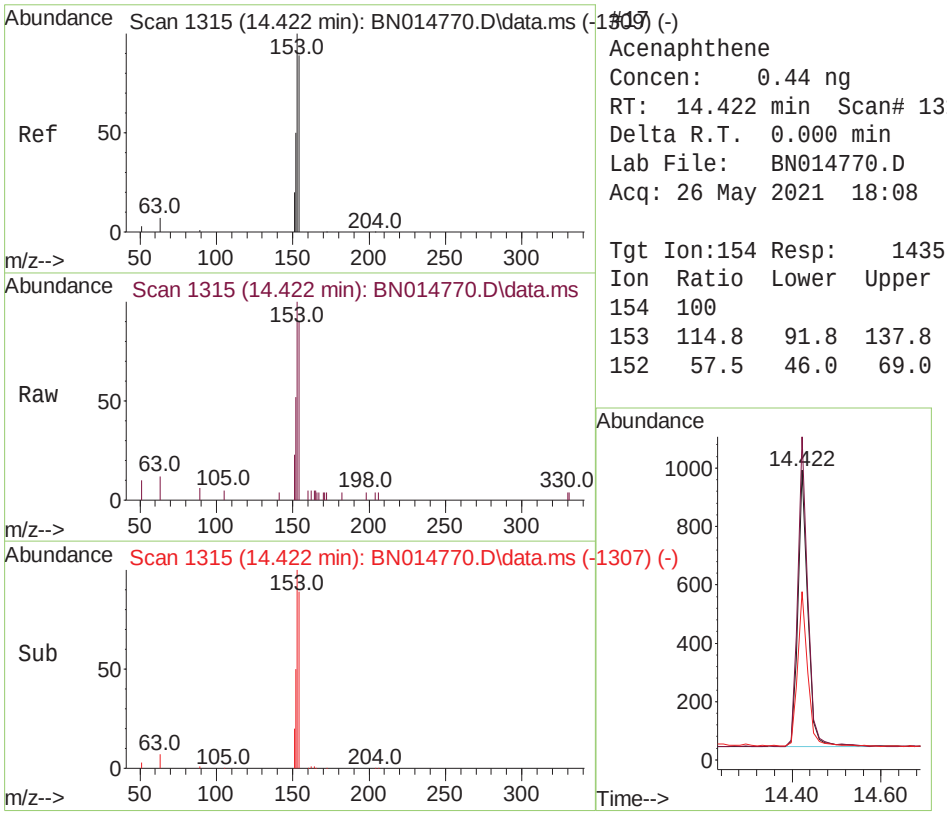


#16
Acenaphthylene
Concen: 0.42 ng
RT: 14.080 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BN014770.D
Acq: 26 May 2021 18:08

Tgt Ion:152 Resp: 1863

Ion	Ratio	Lower	Upper
152	100		
151	21.3	17.1	25.7
153	12.4	9.9	14.9

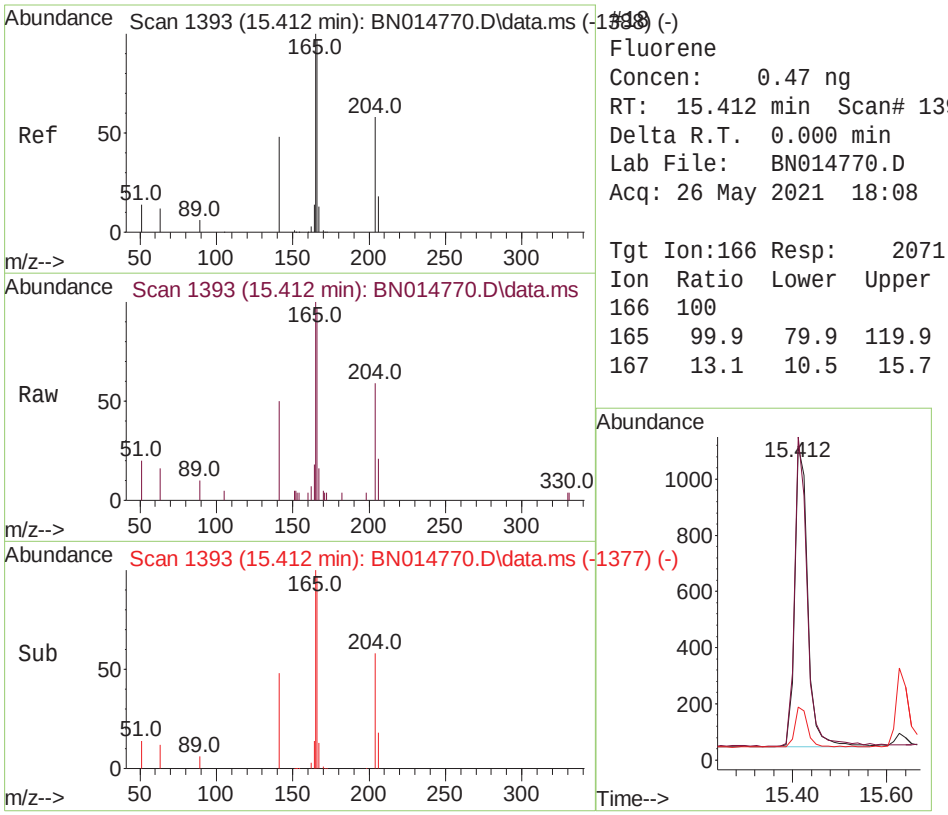
Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4



#17
Acenaphthene
Concen: 0.44 ng
RT: 14.422 min Scan# 1315
Delta R.T. 0.000 min
Lab File: BN014770.D
Acq: 26 May 2021 18:08

Tgt Ion:154 Resp: 1435

Ion	Ratio	Lower	Upper
154	100		
153	114.8	91.8	137.8
152	57.5	46.0	69.0

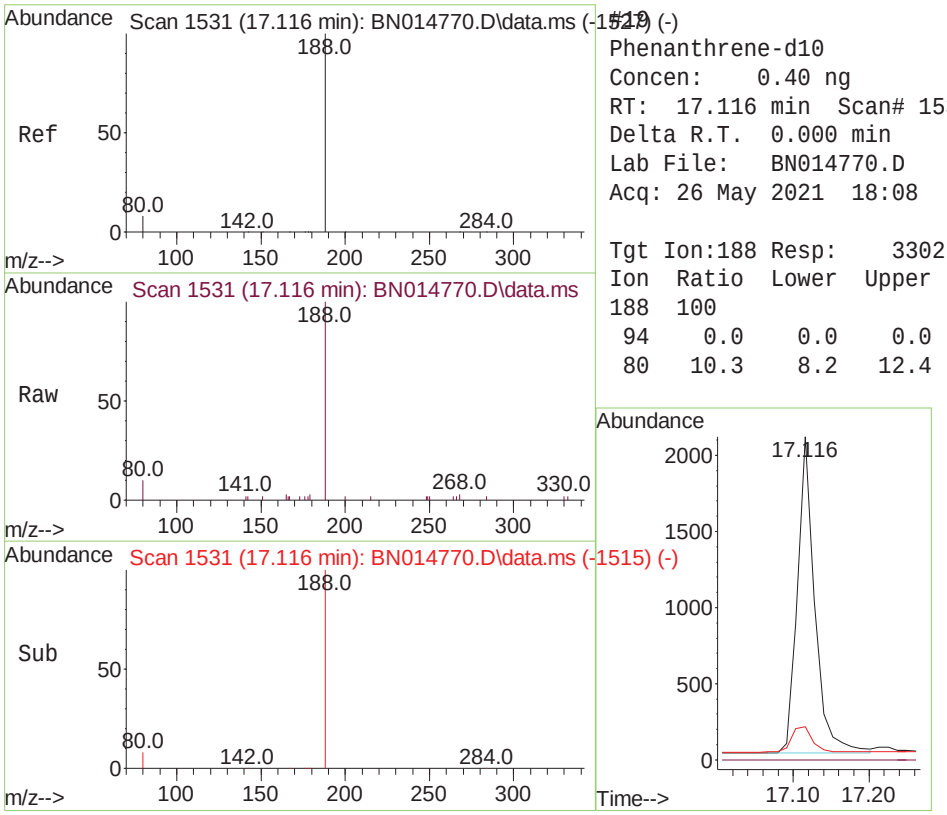


#18
Fluorene
Concen: 0.47 ng
RT: 15.412 min Scan# 1393
Delta R.T. 0.000 min
Lab File: BN014770.D
Acq: 26 May 2021 18:08

Tgt Ion:166 Resp: 2071

Ion	Ratio	Lower	Upper
166	100		
165	99.9	79.9	119.9
167	13.1	10.5	15.7

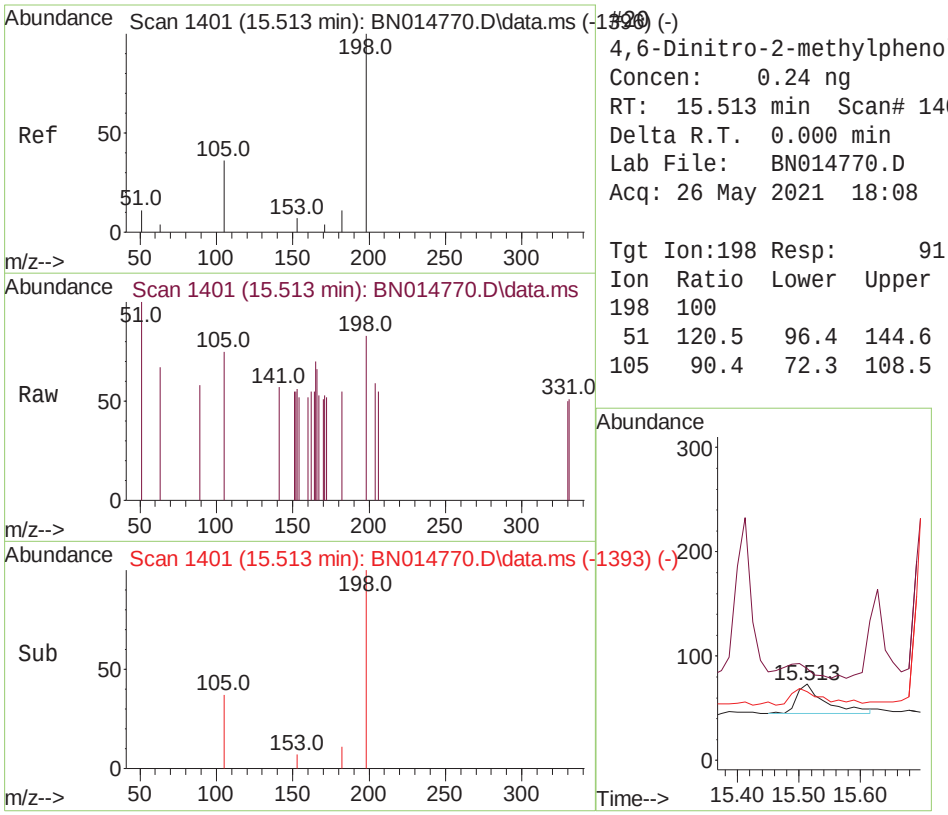
Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.116 min Scan# 1531
Delta R.T. 0.000 min
Lab File: BN014770.D
Acq: 26 May 2021 18:08

Tgt Ion:188 Resp: 3302

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.3	8.2	12.4

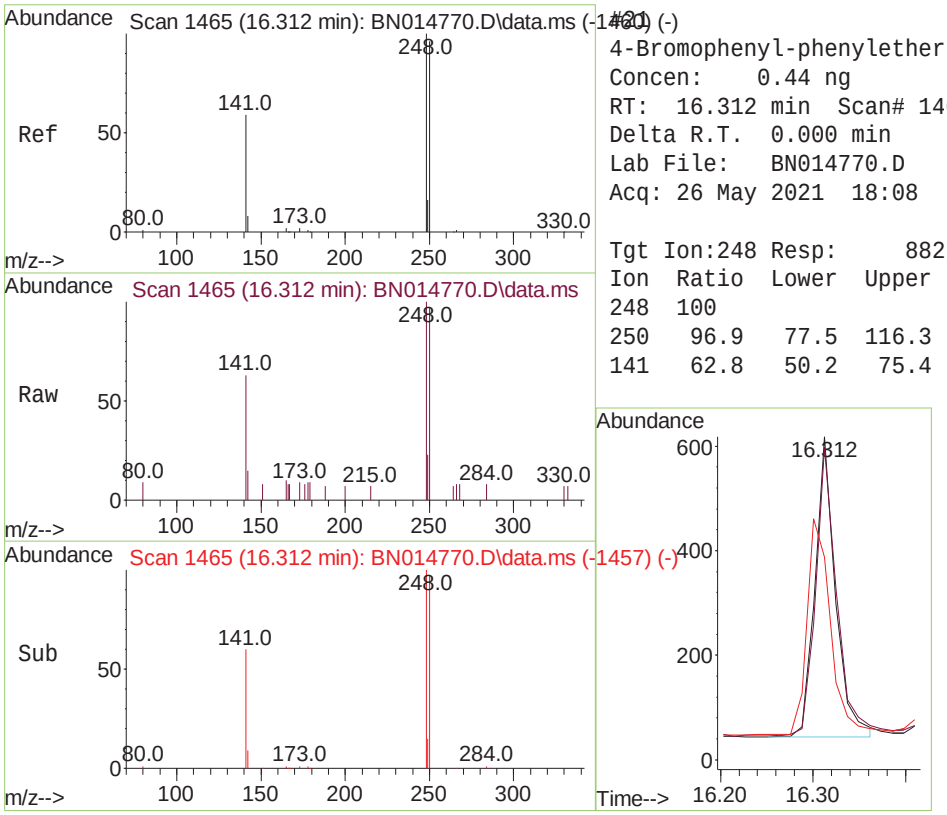


#20
4,6-Dinitro-2-methylphenol
Concen: 0.24 ng
RT: 15.513 min Scan# 1401
Delta R.T. 0.000 min
Lab File: BN014770.D
Acq: 26 May 2021 18:08

Tgt Ion:198 Resp: 91

Ion	Ratio	Lower	Upper
198	100		
51	120.5	96.4	144.6
105	90.4	72.3	108.5

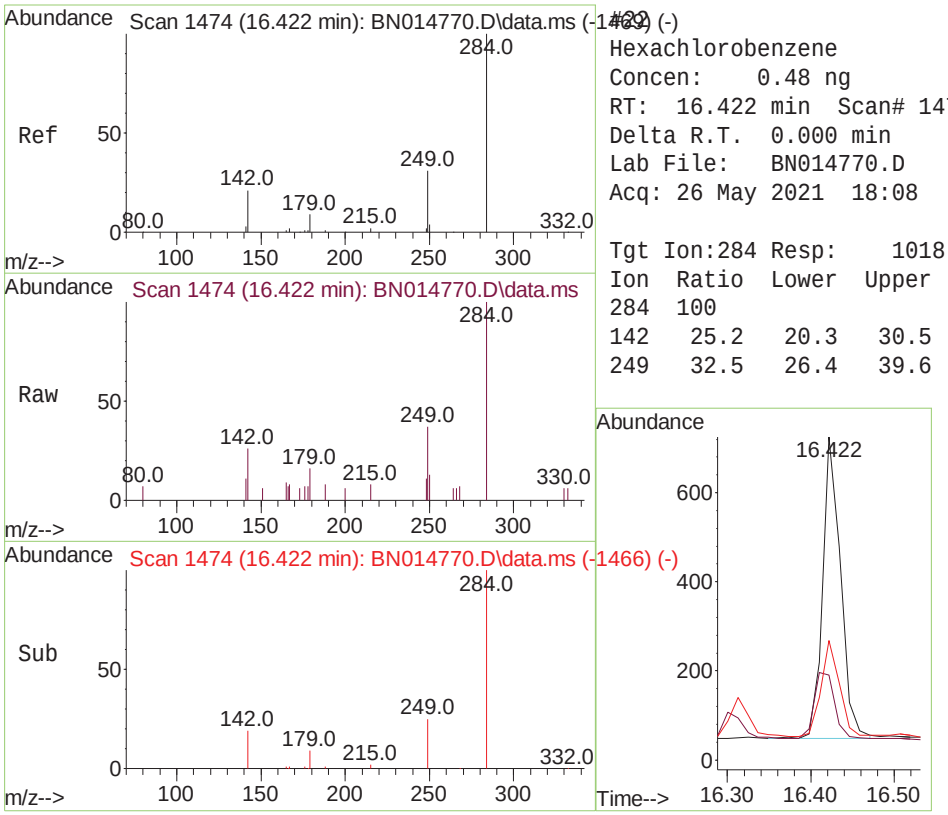
Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4



#21
4-Bromophenyl-phenylether
Concen: 0.44 ng
RT: 16.312 min Scan# 1465
Delta R.T. 0.000 min
Lab File: BN014770.D
Acq: 26 May 2021 18:08

Tgt Ion:248 Resp: 882

Ion	Ratio	Lower	Upper
248	100		
250	96.9	77.5	116.3
141	62.8	50.2	75.4

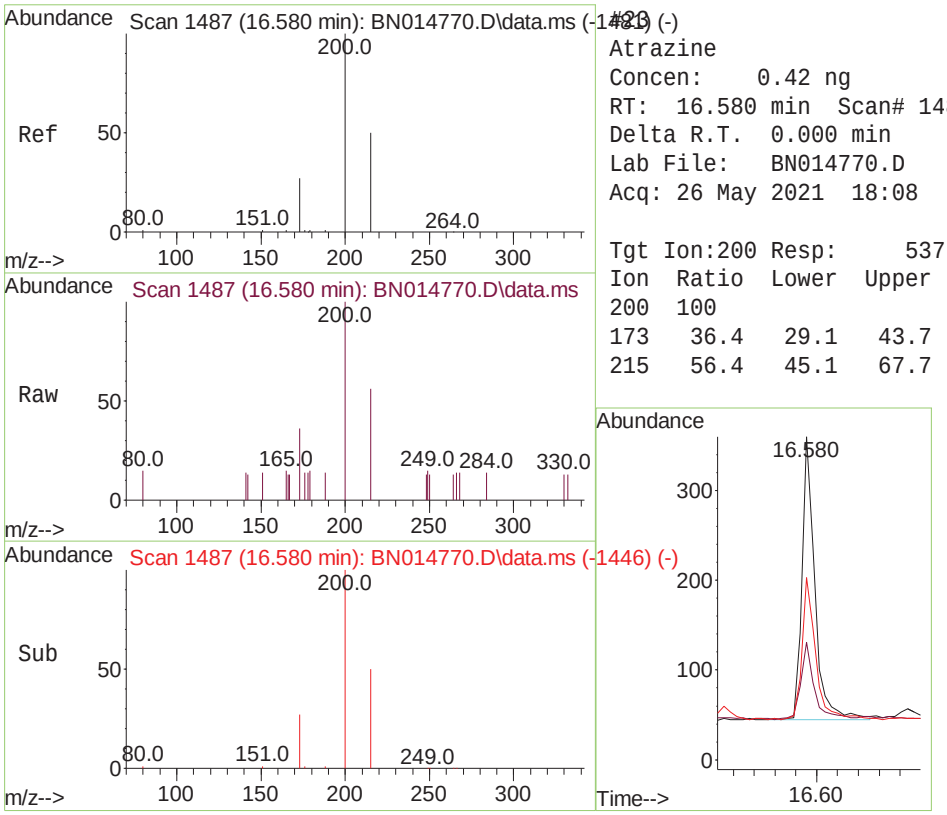


#22
Hexachlorobenzene
Concen: 0.48 ng
RT: 16.422 min Scan# 1474
Delta R.T. 0.000 min
Lab File: BN014770.D
Acq: 26 May 2021 18:08

Tgt Ion:284 Resp: 1018

Ion	Ratio	Lower	Upper
284	100		
142	25.2	20.3	30.5
249	32.5	26.4	39.6

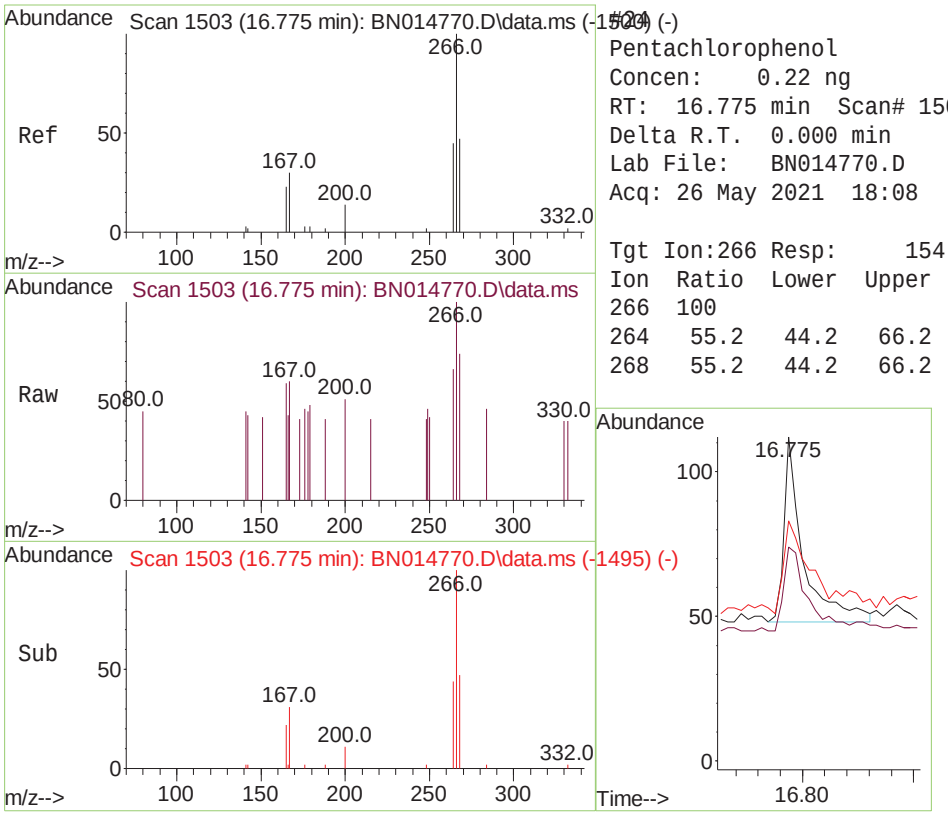
Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4



#20
Atrazine
Concen: 0.42 ng
RT: 16.580 min Scan# 1487
Delta R.T. 0.000 min
Lab File: BN014770.D
Acq: 26 May 2021 18:08

Tgt Ion:200 Resp: 537

Ion	Ratio	Lower	Upper
200	100		
173	36.4	29.1	43.7
215	56.4	45.1	67.7

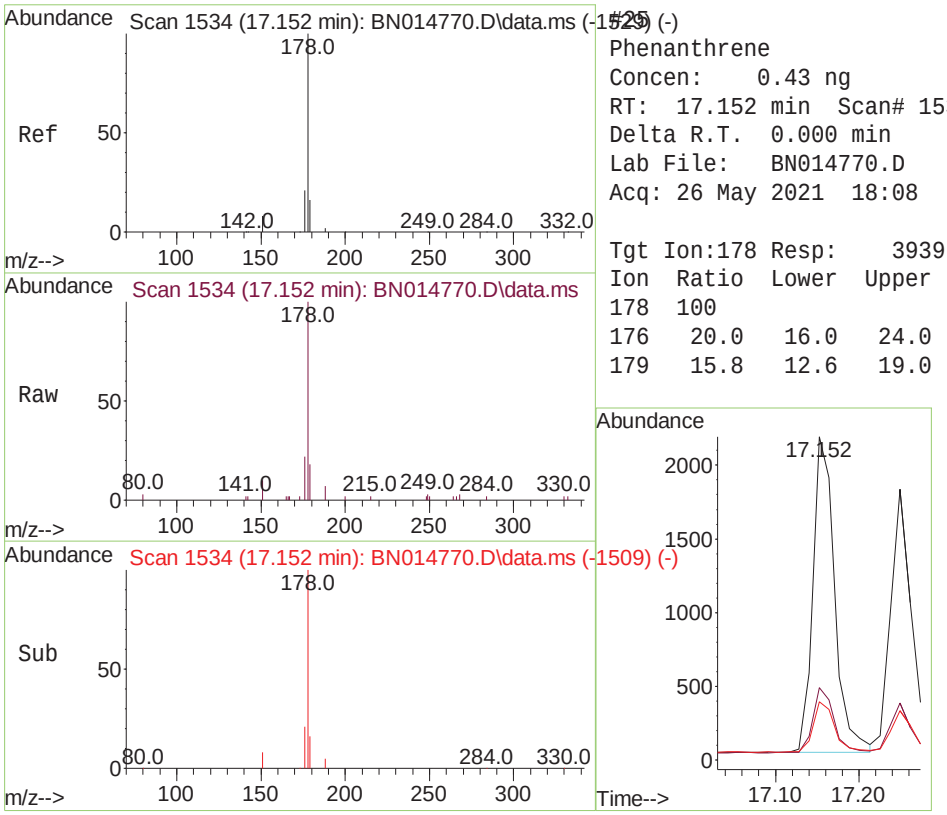


#24
Pentachlorophenol
Concen: 0.22 ng
RT: 16.775 min Scan# 1503
Delta R.T. 0.000 min
Lab File: BN014770.D
Acq: 26 May 2021 18:08

Tgt Ion:266 Resp: 154

Ion	Ratio	Lower	Upper
266	100		
264	55.2	44.2	66.2
268	55.2	44.2	66.2

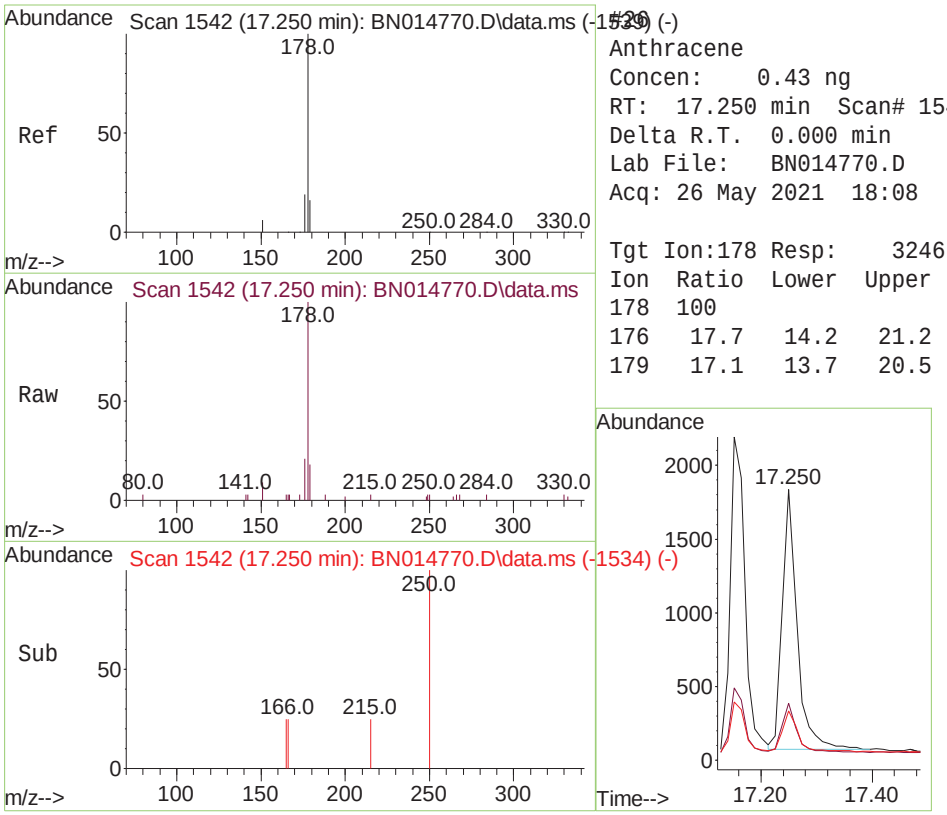
Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4



#25
Phenanthrene
Concen: 0.43 ng
RT: 17.152 min Scan# 1534
Delta R.T. 0.000 min
Lab File: BN014770.D
Acq: 26 May 2021 18:08

Tgt Ion:178 Resp: 3939

Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.0	24.0
179	15.8	12.6	19.0

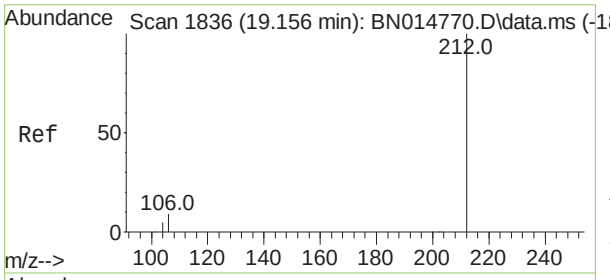


#26
Anthracene
Concen: 0.43 ng
RT: 17.250 min Scan# 1542
Delta R.T. 0.000 min
Lab File: BN014770.D
Acq: 26 May 2021 18:08

Tgt Ion:178 Resp: 3246

Ion	Ratio	Lower	Upper
178	100		
176	17.7	14.2	21.2
179	17.1	13.7	20.5

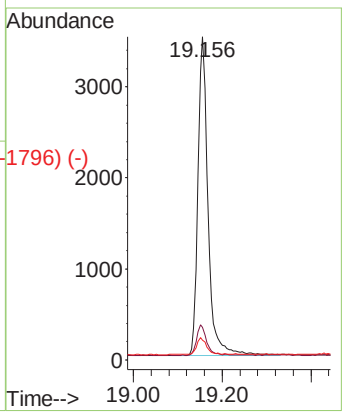
Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

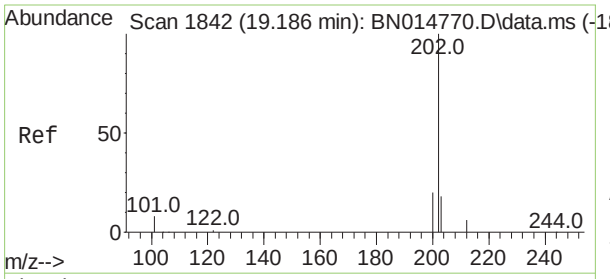


#27
Fluoranthene-d10
Concen: 0.37 ng
RT: 19.156 min Scan# 1836
Delta R.T. 0.000 min
Lab File: BN014770.D
Acq: 26 May 2021 18:08

Tgt Ion:212 Resp: 5522

Ion	Ratio	Lower	Upper
212	100		
106	9.3	7.4	11.2
104	5.1	4.1	6.1

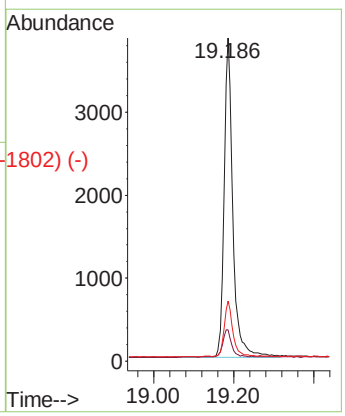




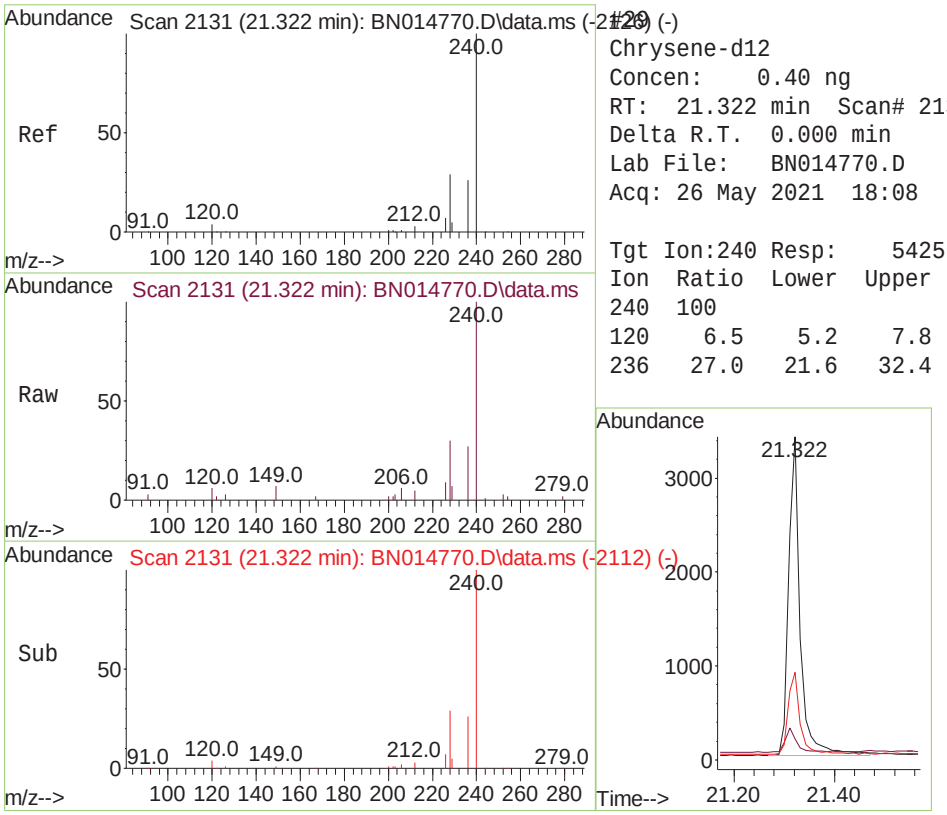
#28
Fluoranthene
Concen: 0.50 ng
RT: 19.186 min Scan# 1842
Delta R.T. 0.000 min
Lab File: BN014770.D
Acq: 26 May 2021 18:08

Tgt Ion:202 Resp: 5941

Ion	Ratio	Lower	Upper
202	100		
101	8.8	7.0	10.6
203	16.9	13.5	20.3



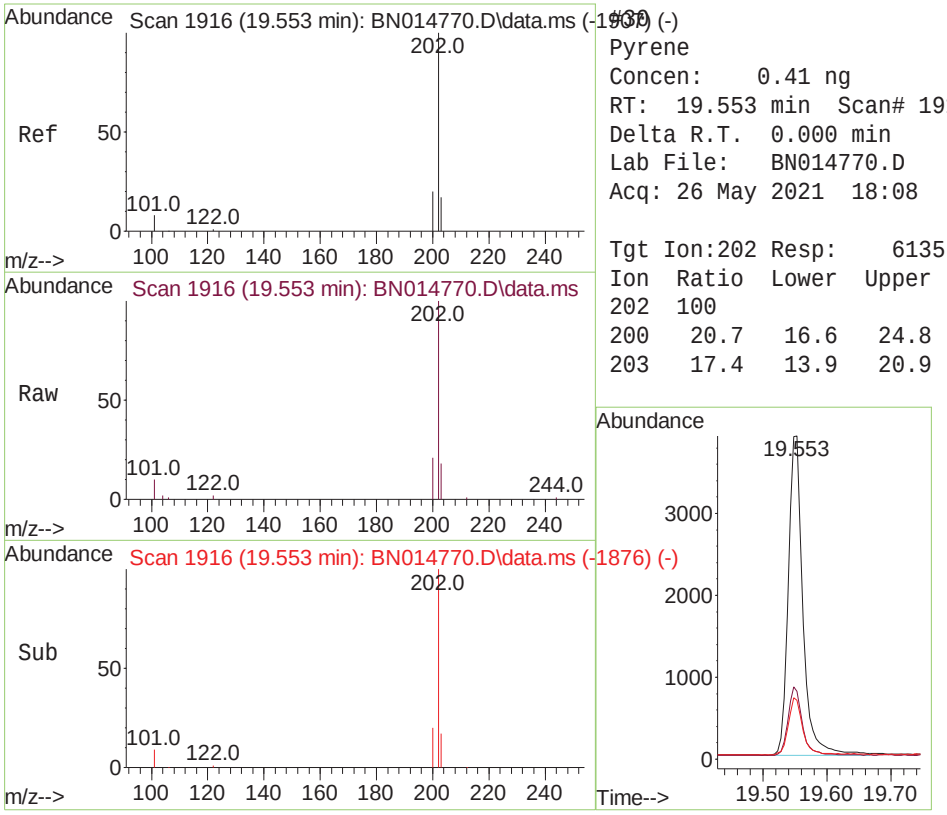
Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.322 min Scan# 2131
Delta R.T. 0.000 min
Lab File: BN014770.D
Acq: 26 May 2021 18:08

Tgt Ion:240 Resp: 5425

Ion	Ratio	Lower	Upper
240	100		
120	6.5	5.2	7.8
236	27.0	21.6	32.4

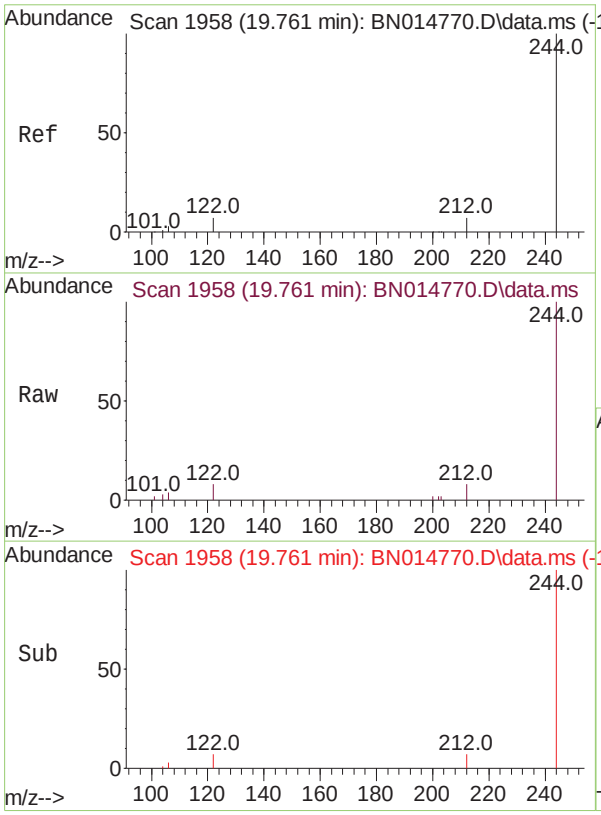


#30
Pyrene
Concen: 0.41 ng
RT: 19.553 min Scan# 1916
Delta R.T. 0.000 min
Lab File: BN014770.D
Acq: 26 May 2021 18:08

Tgt Ion:202 Resp: 6135

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	24.8
203	17.4	13.9	20.9

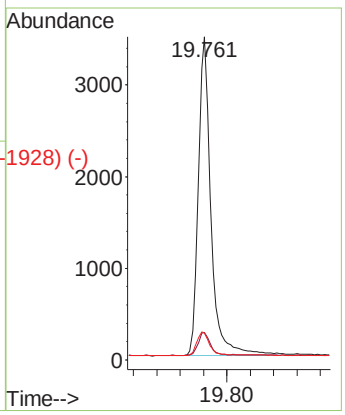
Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

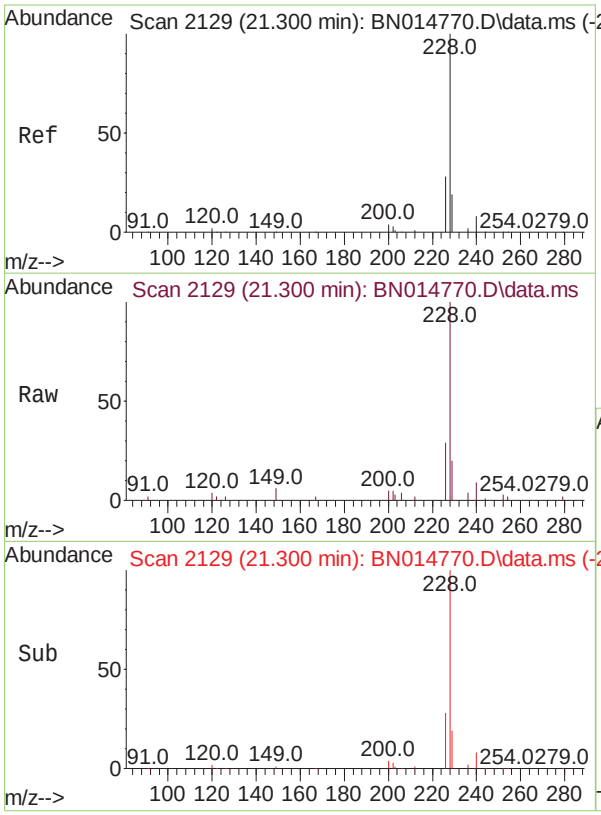


#31
Terphenyl-d14
Concen: 0.41 ng
RT: 19.761 min Scan# 1958
Delta R.T. 0.000 min
Lab File: BN014770.D
Acq: 26 May 2021 18:08

Tgt Ion:244 Resp: 5210

Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.8	10.2
122	8.2	6.6	9.8

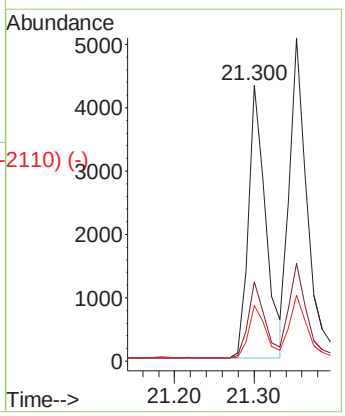




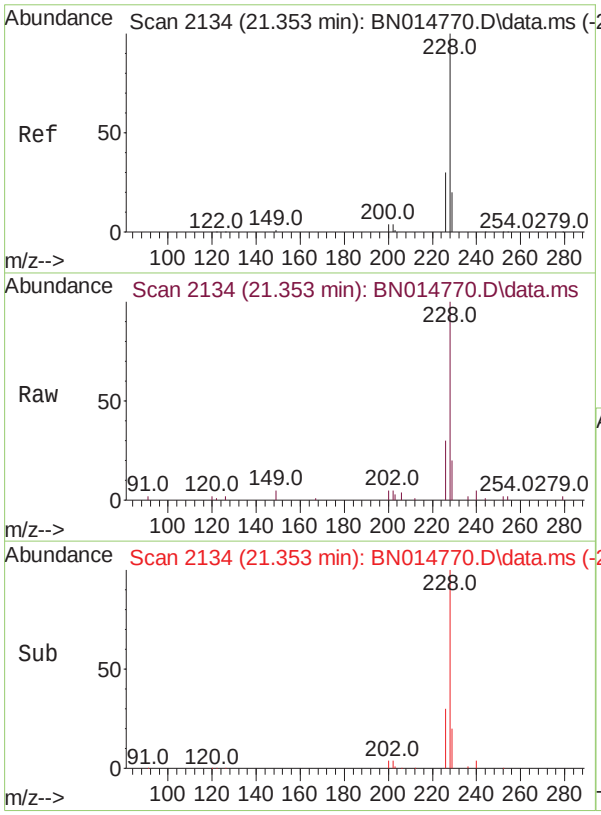
#32
Benzo(a)anthracene
Concen: 0.41 ng
RT: 21.300 min Scan# 2129
Delta R.T. 0.000 min
Lab File: BN014770.D
Acq: 26 May 2021 18:08

Tgt Ion:228 Resp: 6524

Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.9	34.3
229	20.2	16.2	24.2



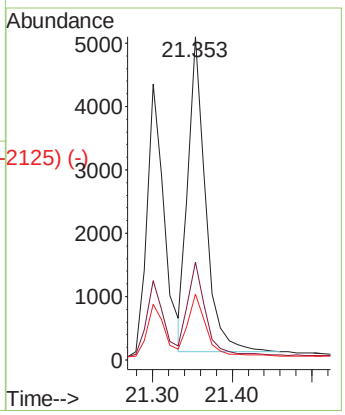
Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

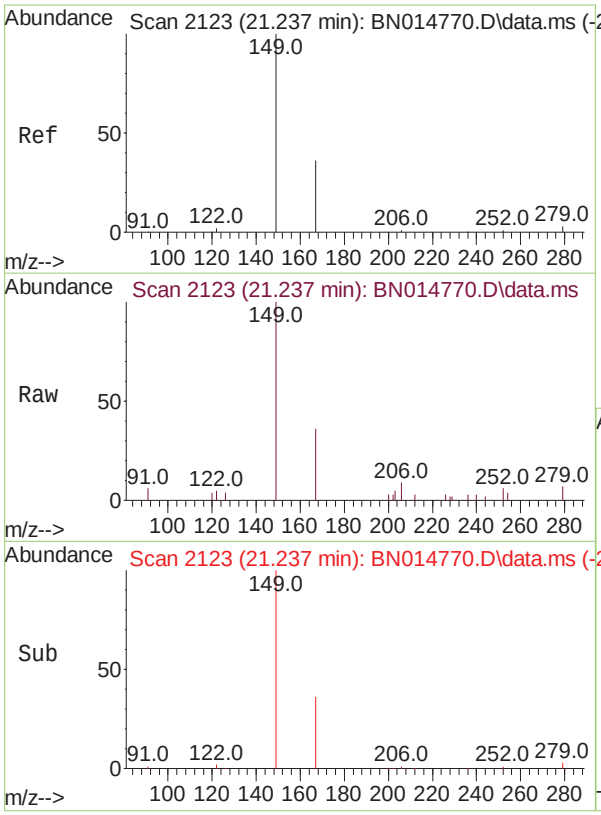


#32
Chrysene
Concen: 0.46 ng
RT: 21.353 min Scan# 2134
Delta R.T. 0.000 min
Lab File: BN014770.D
Acq: 26 May 2021 18:08

Tgt Ion:228 Resp: 7561

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.3	36.5
229	20.5	16.4	24.6

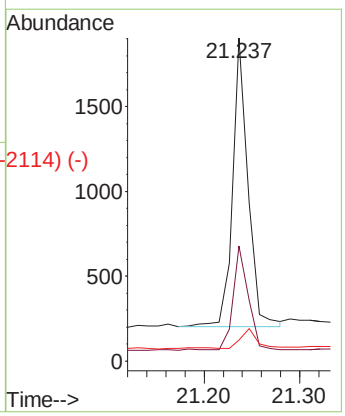




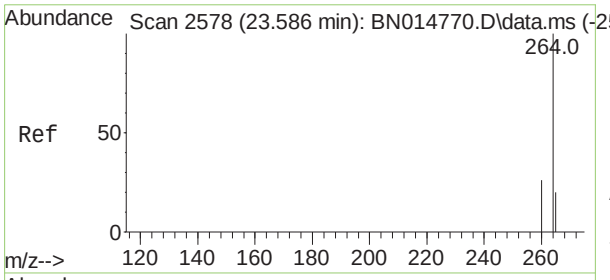
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.44 ng
RT: 21.237 min Scan# 2123
Delta R.T. 0.000 min
Lab File: BN014770.D
Acq: 26 May 2021 18:08

Tgt Ion:149 Resp: 1916

Ion	Ratio	Lower	Upper
149	100		
167	35.4	28.3	42.5
279	6.9	5.5	8.3



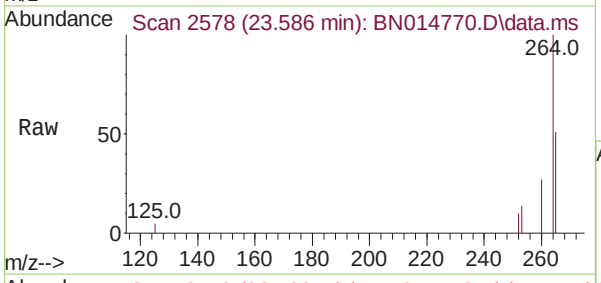
Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

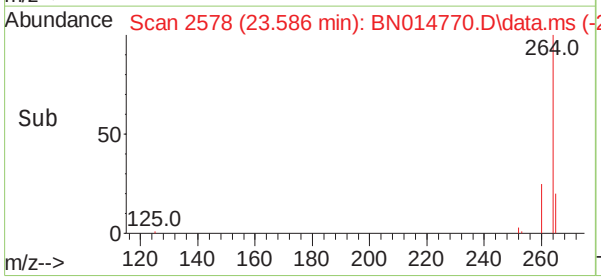


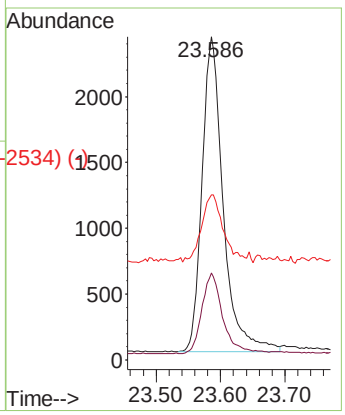
#35
Perylene-d12
Concen: 0.40 ng
RT: 23.586 min Scan# 2578
Delta R.T. 0.000 min
Lab File: BN014770.D
Acq: 26 May 2021 18:08

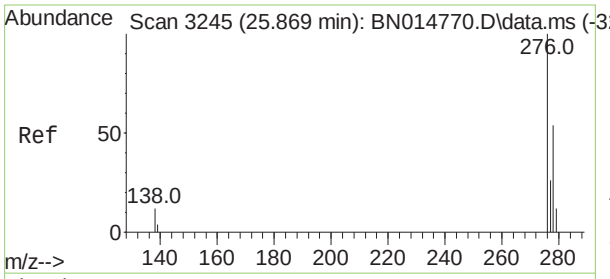
Tgt Ion:264 Resp: 5454

Ion	Ratio	Lower	Upper
264	100		
260	26.8	21.4	32.2
265	51.1	40.9	61.3





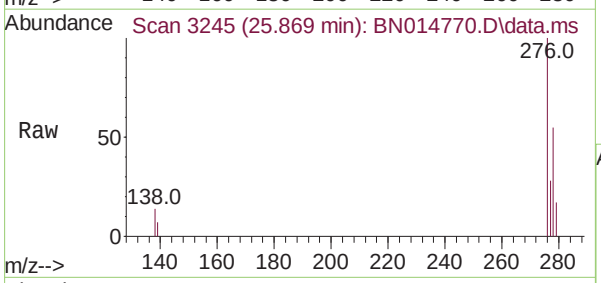


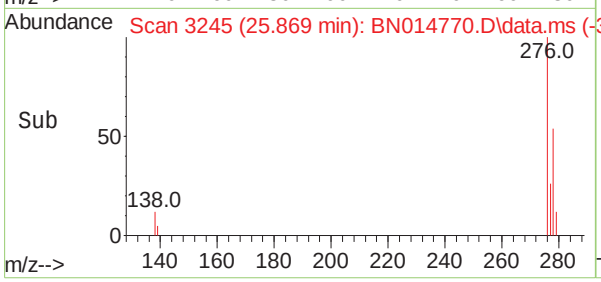


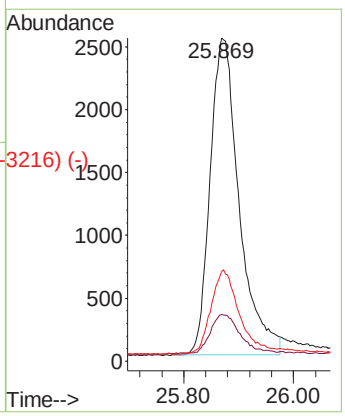
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.42 ng
RT: 25.869 min Scan# 3245
Delta R.T. 0.000 min
Lab File: BN014770.D
Acq: 26 May 2021 18:08

Tgt Ion:276 Resp: 9301

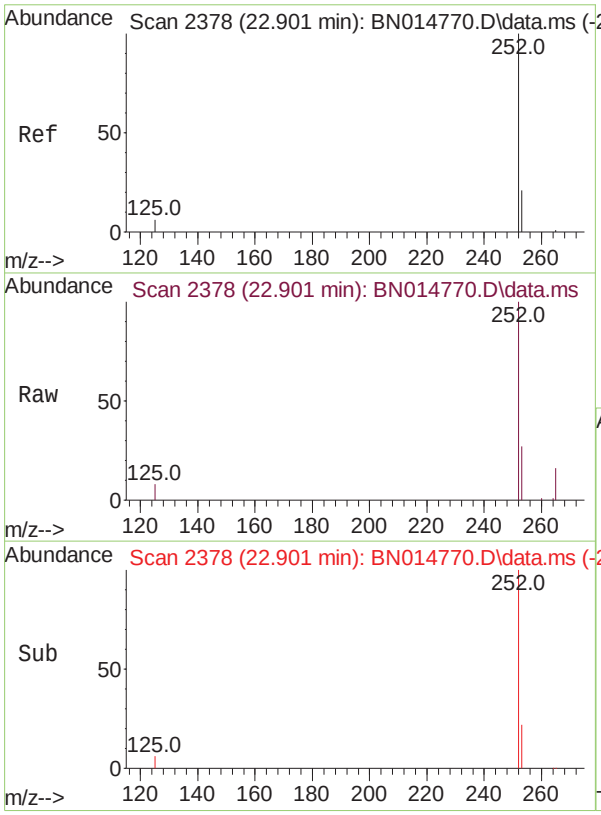
Ion	Ratio	Lower	Upper
276	100		
138	12.8	10.2	15.4
277	25.5	20.4	30.6







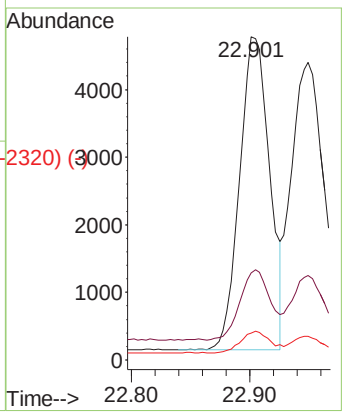
Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

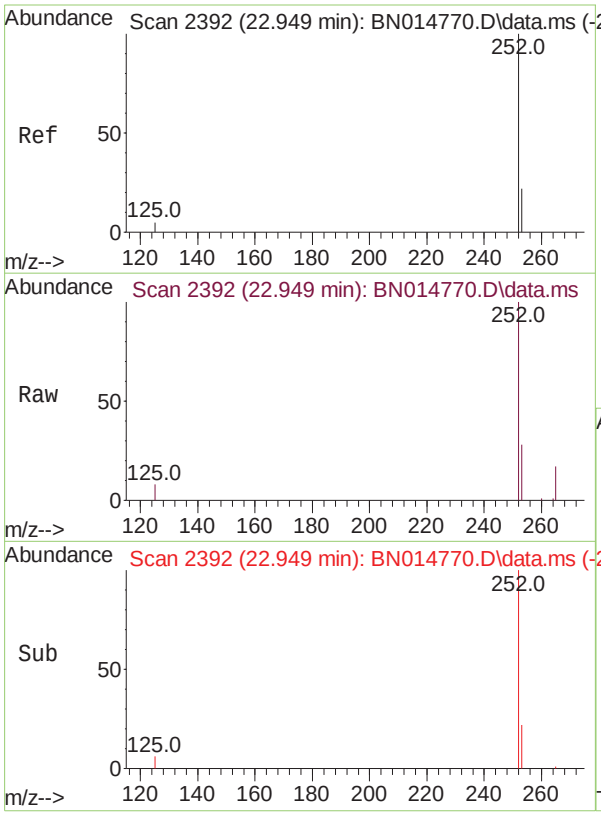


#37
Benzo(b)fluoranthene
Concen: 0.44 ng
RT: 22.901 min Scan# 2378
Delta R.T. 0.000 min
Lab File: BN014770.D
Acq: 26 May 2021 18:08

Tgt Ion:252 Resp: 8174

Ion	Ratio	Lower	Upper
252	100		
253	26.9	21.5	32.3
125	8.3	6.6	10.0

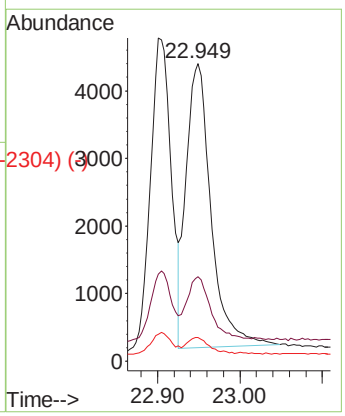




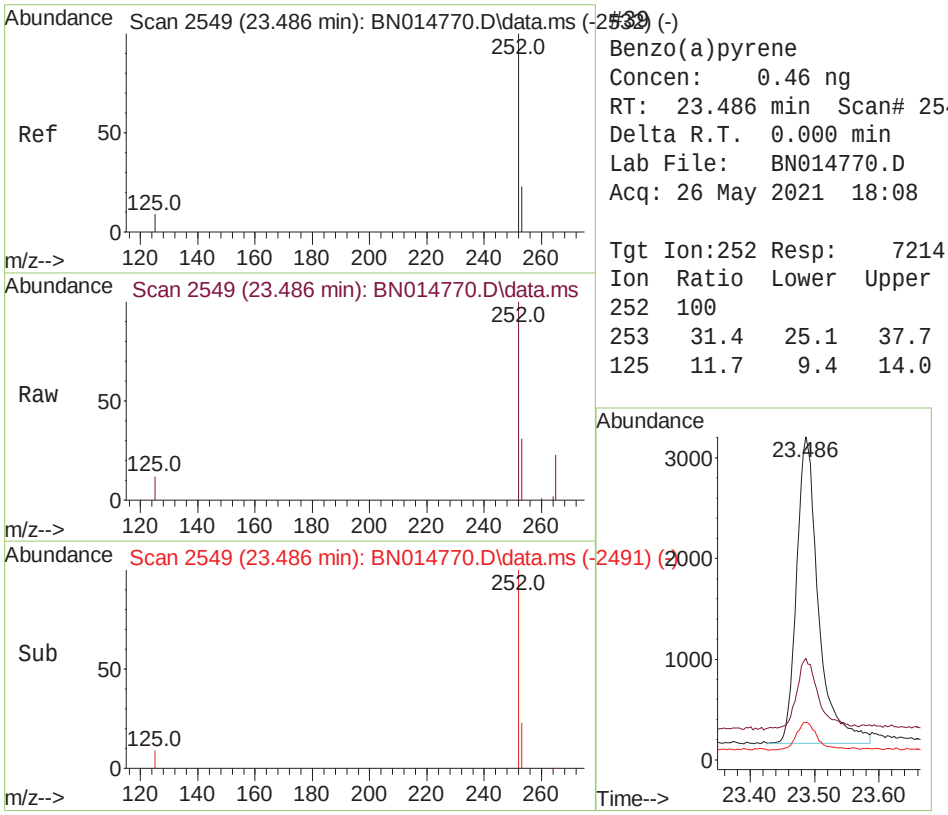
#38
Benzo(k)fluoranthene
Concen: 0.46 ng
RT: 22.949 min Scan# 2392
Delta R.T. 0.000 min
Lab File: BN014770.D
Acq: 26 May 2021 18:08

Tgt Ion:252 Resp: 8818

Ion	Ratio	Lower	Upper
252	100		
253	28.4	22.7	34.1
125	8.0	6.4	9.6



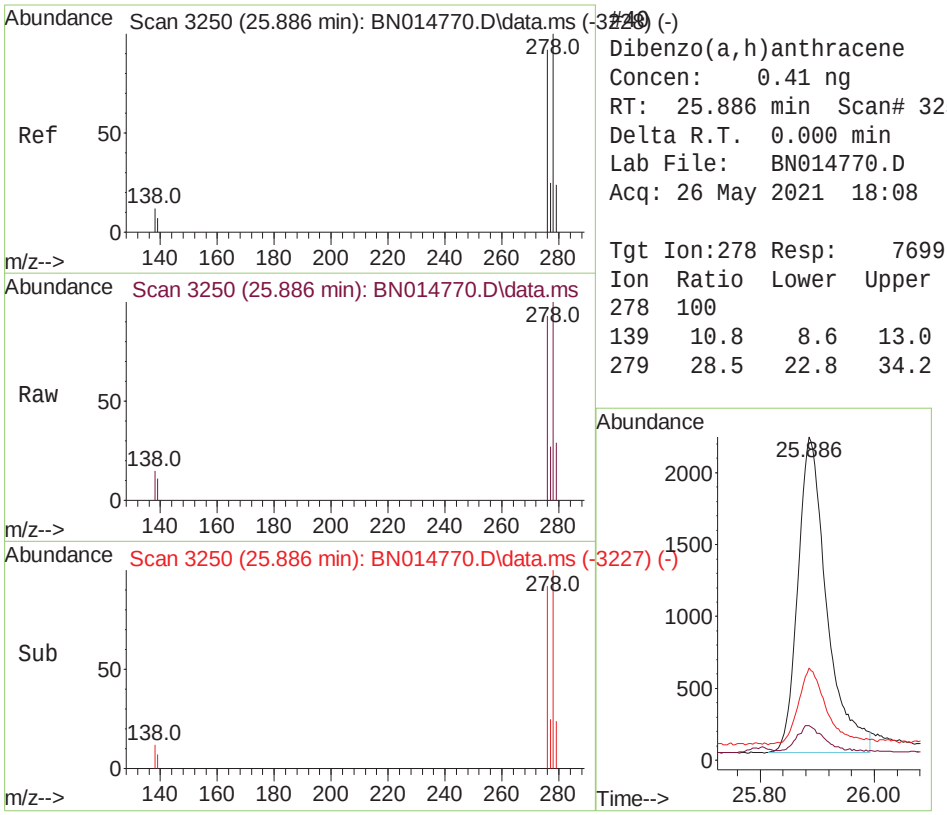
Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4



#39
Benzo(a)pyrene
Concen: 0.46 ng
RT: 23.486 min Scan# 2549
Delta R.T. 0.000 min
Lab File: BN014770.D
Acq: 26 May 2021 18:08

Tgt Ion:252 Resp: 7214

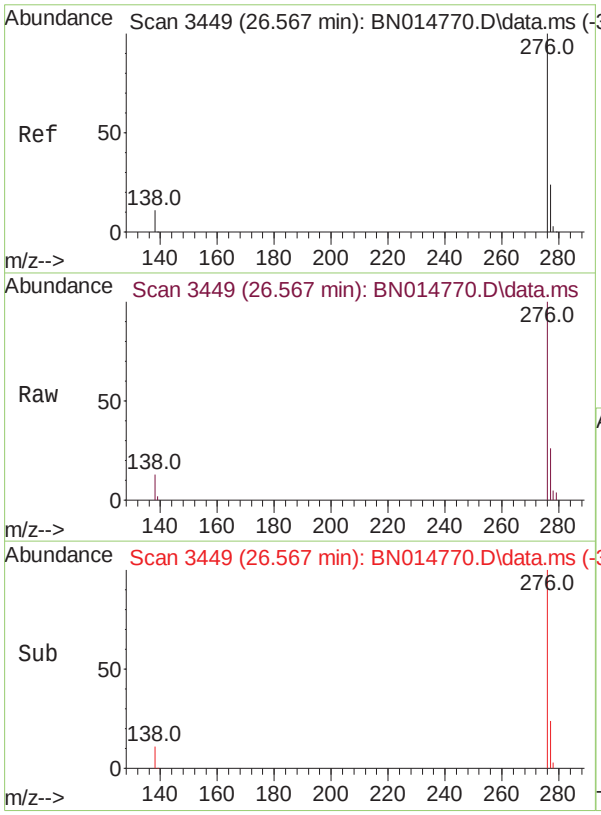
Ion	Ratio	Lower	Upper
252	100		
253	31.4	25.1	37.7
125	11.7	9.4	14.0



#40
Dibenzo(a,h)anthracene
Concen: 0.41 ng
RT: 25.886 min Scan# 3250
Delta R.T. 0.000 min
Lab File: BN014770.D
Acq: 26 May 2021 18:08

Tgt Ion:278 Resp: 7699

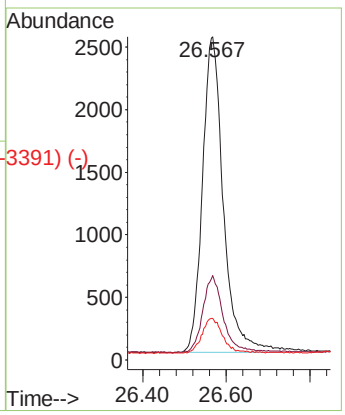
Ion	Ratio	Lower	Upper
278	100		
139	10.8	8.6	13.0
279	28.5	22.8	34.2



#45
Benzo(g,h,i)perylene
Concen: 0.49 ng
RT: 26.567 min Scan# 3449
Delta R.T. 0.000 min
Lab File: BN014770.D
Acq: 26 May 2021 18:08

Tgt Ion:276 Resp: 8749

Ion	Ratio	Lower	Upper
276	100		
277	26.1	20.9	31.3
138	12.9	10.3	15.5



Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4