Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093021\
Data File : BN016585.D
Acq On : 29 Sep 2021 21:31
Operator : CG/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC3.2

Quant Time: Sep 30 01:38:36 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN093021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 30 01:35:49 2021
Response via : Initial Calibration

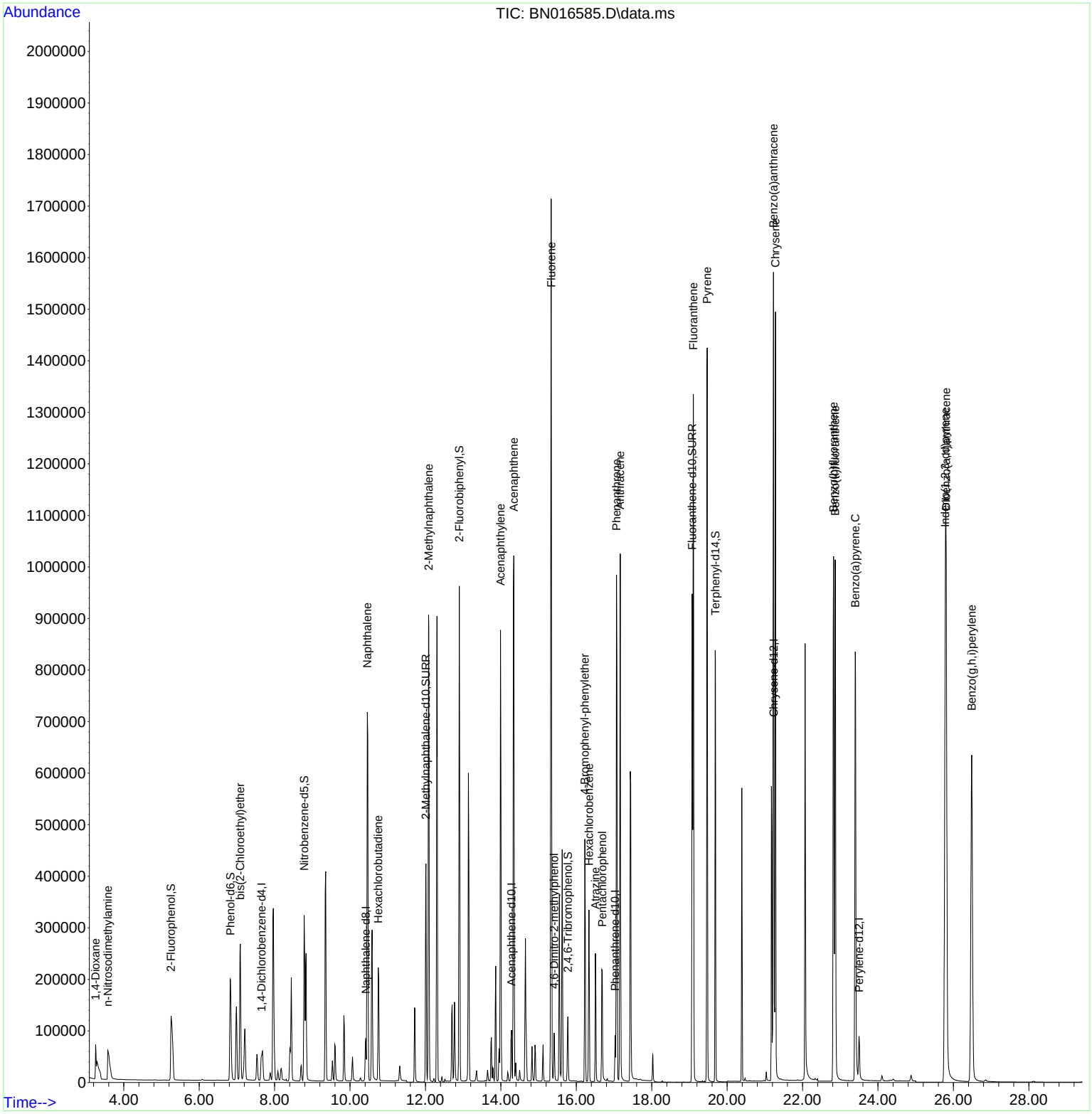
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.652	152	28938	0.400	ng		0.00
7) Naphthalene-d8	10.419	136	119648	0.400	ng		0.00
13) Acenaphthene-d10	14.281	164	61373	0.400	ng		0.00
19) Phenanthrene-d10	17.030	188	111595	0.400	ng		0.00
29) Chrysene-d12	21.238	240	109312	0.400	ng		0.00
35) Perylene-d12	23.498	264	114083	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.254	112	237449	3.298	ng		0.00
5) Phenol-d6	6.831	99	265752	3.674	ng		0.00
8) Nitrobenzene-d5	8.784	82	272813	4.294	ng		0.00
11) 2-Methylnaphthalene-d10	12.012	152	568193	3.339	ng		0.00
14) 2,4,6-Tribromophenol	15.778	330	107638	4.017	ng		0.00
15) 2-Fluorobiphenyl	12.898	172	797915	3.159	ng		0.00
27) Fluoranthene-d10	19.073	212	1027527	3.408	ng		0.00
31) Terphenyl-d14	19.688	244	827352	3.513	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.253	88	41273	3.312	ng	#	73
3) n-Nitrosodimethylamine	3.576	42	74867	3.258	ng		98
6) bis(2-Chloroethyl)ether	7.089	93	248534	3.261	ng		100
9) Naphthalene	10.457	128	1038776	3.218	ng		99
10) Hexachlorobutadiene	10.749	225	195094	3.061	ng	#	100
12) 2-Methylnaphthalene	12.083	142	650198	3.236	ng		99
16) Acenaphthylene	13.990	152	961616	3.535	ng		100
17) Acenaphthene	14.345	154	592872	3.207	ng		98
18) Fluorene	15.334	166	718841	3.192	ng		99
20) 4,6-Dinitro-2-methylph...	15.411	198	68999	10.141	ng	#	83
21) 4-Bromophenyl-phenylether	16.226	248	233494	3.538	ng	#	71
22) Hexachlorobenzene	16.336	284	262254	3.328	ng		99
23) Atrazine	16.506	200	194226	4.324	ng		99
24) Pentachlorophenol	16.689	266	121572	4.850	ng		99
25) Phenanthrene	17.066	178	1091840	3.252	ng		100
26) Anthracene	17.163	178	1011064	3.466	ng		100
28) Fluoranthene	19.103	202	1204879	3.283	ng		99
30) Pyrene	19.470	202	1255870	3.370	ng		100
32) Benzo(a)anthracene	21.227	228	1237206	3.651	ng		99
33) Chrysene	21.280	228	1216682	3.521	ng		99
36) Indeno(1,2,3-cd)pyrene	25.785	276	1514747	4.164	ng		99
37) Benzo(b)fluoranthene	22.820	252	1302601	3.420	ng		100
38) Benzo(k)fluoranthene	22.865	252	1232126	3.320	ng	#	96
39) Benzo(a)pyrene	23.399	252	1194489	3.419	ng		99
40) Dibenzo(a,h)anthracene	25.808	278	1240358	4.907	ng		97
41) Benzo(g,h,i)perylene	26.486	276	1330549	4.022	ng		99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093021\
Data File : BN016585.D
Acq On : 29 Sep 2021 21:31
Operator : CG/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Quant Time: Sep 30 01:38:36 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN093021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 30 01:35:49 2021
Response via : Initial Calibration



Instrument :
BNA_N
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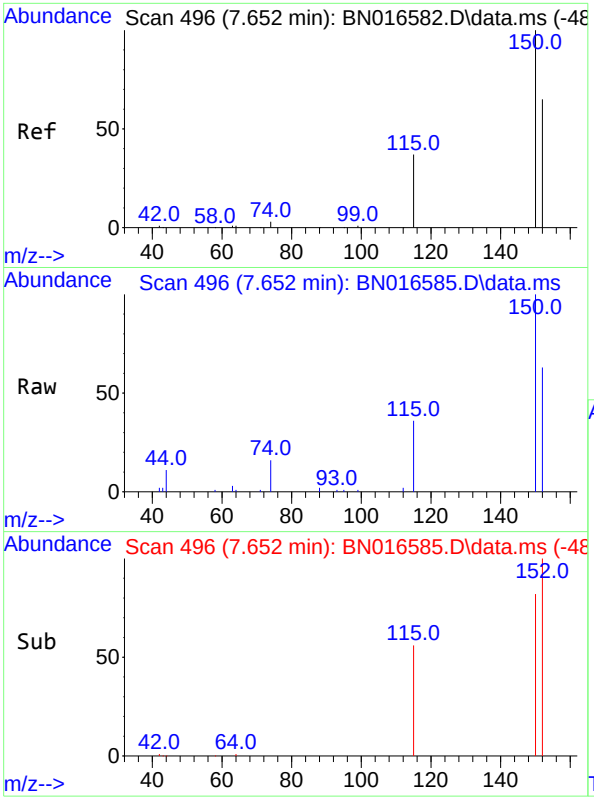
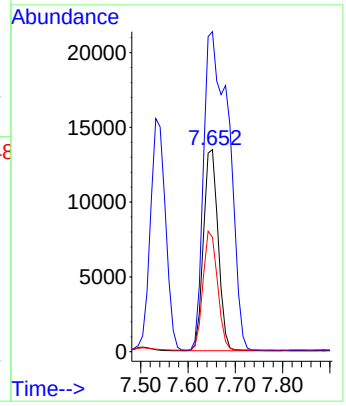
SSTDICC3.2

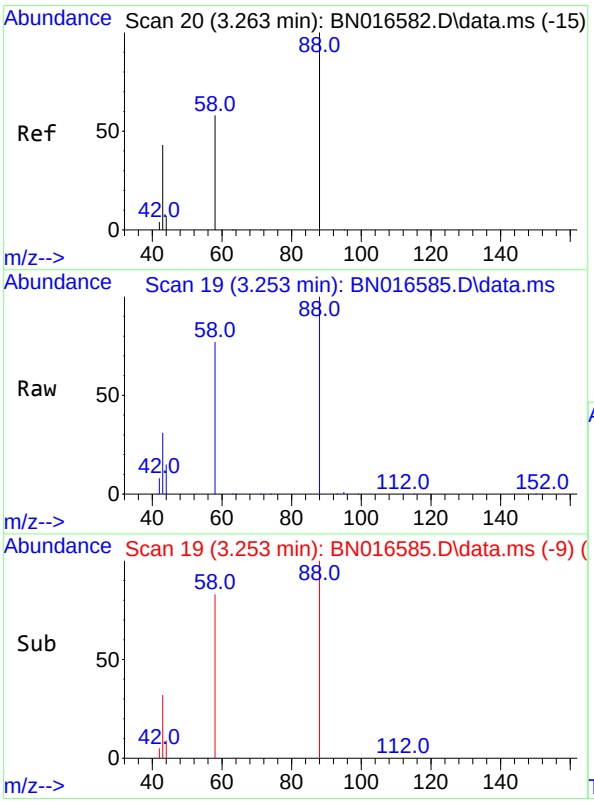


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.652 min Scan# 496
Delta R.T. -0.000 min
Lab File: BN016585.D
Acq: 29 Sep 2021 21:31

Tgt Ion:152 Resp: 28938

Ion	Ratio	Lower	Upper
152	100		
150	158.4	123.3	184.9
115	56.6	46.2	69.2

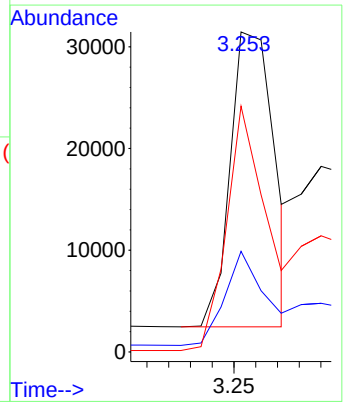




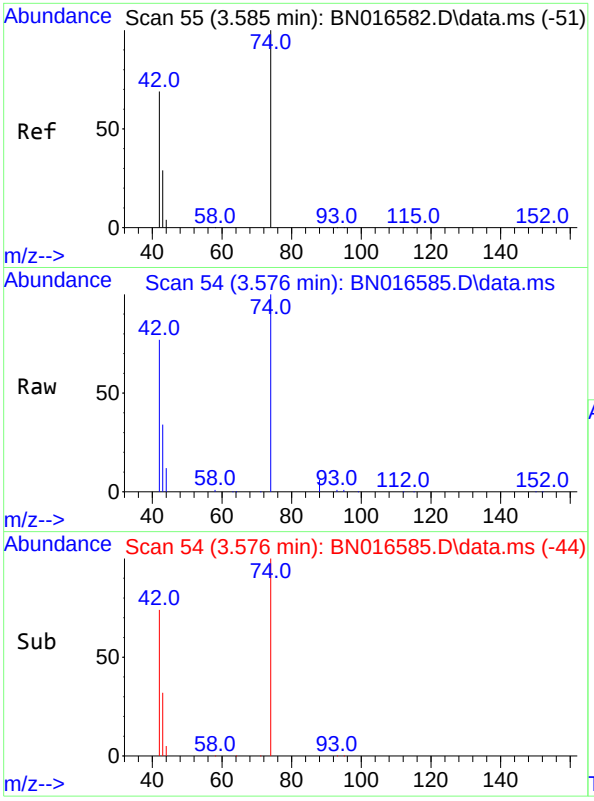
#2
1,4-Dioxane
Concen: 3.312 ng
RT: 3.253 min Scan# 19
Delta R.T. -0.009 min
Lab File: BN016585.D
Acq: 29 Sep 2021 21:31

Tgt Ion: 88 Resp: 41273

Ion	Ratio	Lower	Upper
88	100		
43	29.1	49.1	73.7#
58	74.5	52.0	78.0



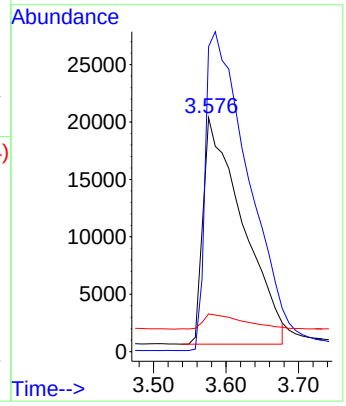
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

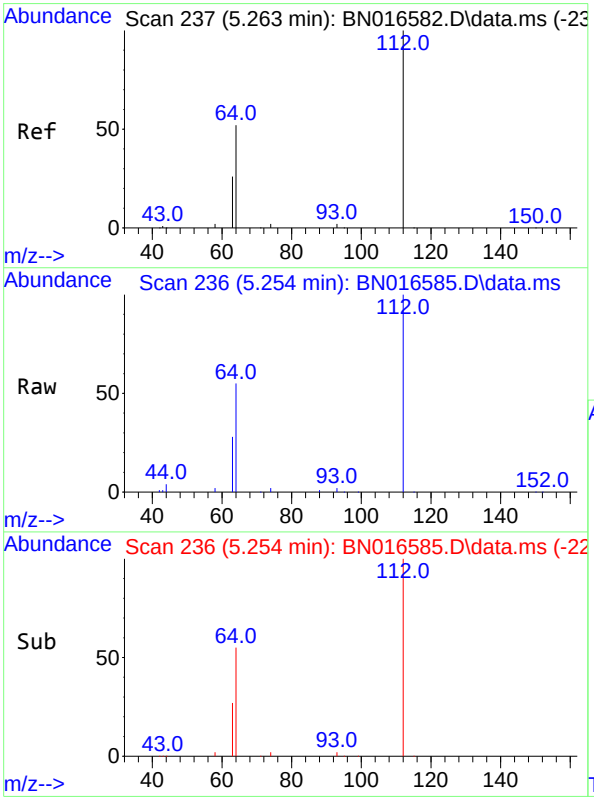


#3
n-Nitrosodimethylamine
Concen: 3.258 ng
RT: 3.576 min Scan# 54
Delta R.T. -0.009 min
Lab File: BN016585.D
Acq: 29 Sep 2021 21:31

Tgt Ion: 42 Resp: 74867

Ion	Ratio	Lower	Upper
42	100		
74	151.8	123.7	185.5
44	6.7	6.3	9.5

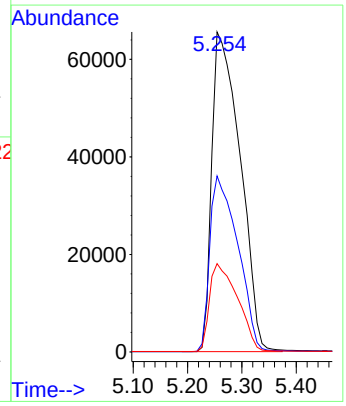




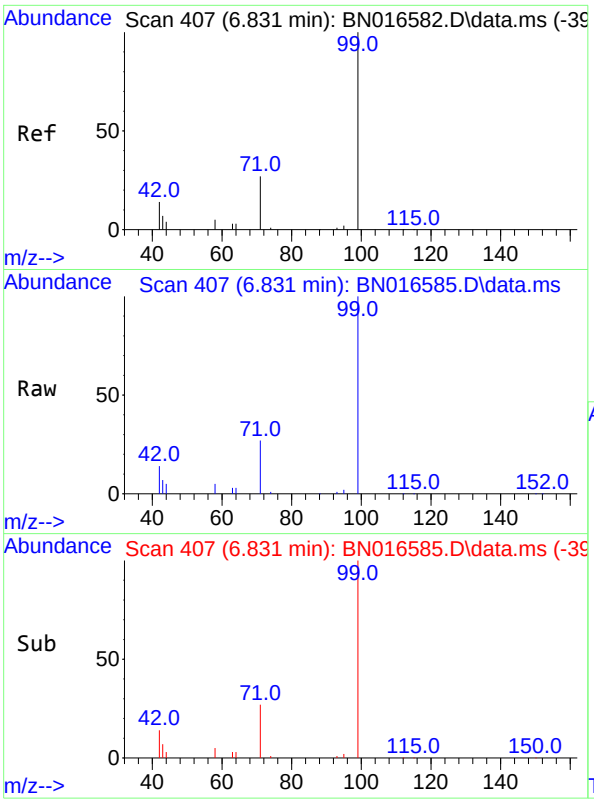
#4
2-Fluorophenol
Concen: 3.298 ng
RT: 5.254 min Scan# 236
Delta R.T. -0.009 min
Lab File: BN016585.D
Acq: 29 Sep 2021 21:31

Tgt Ion:112 Resp: 237449

Ion	Ratio	Lower	Upper
112	100		
64	54.3	43.4	65.2
63	27.3	21.8	32.8



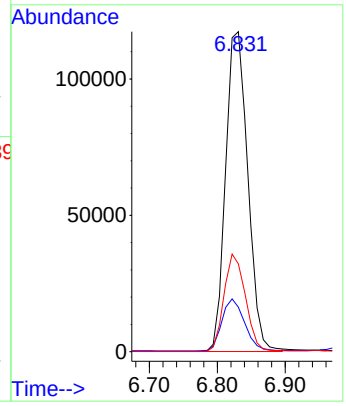
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

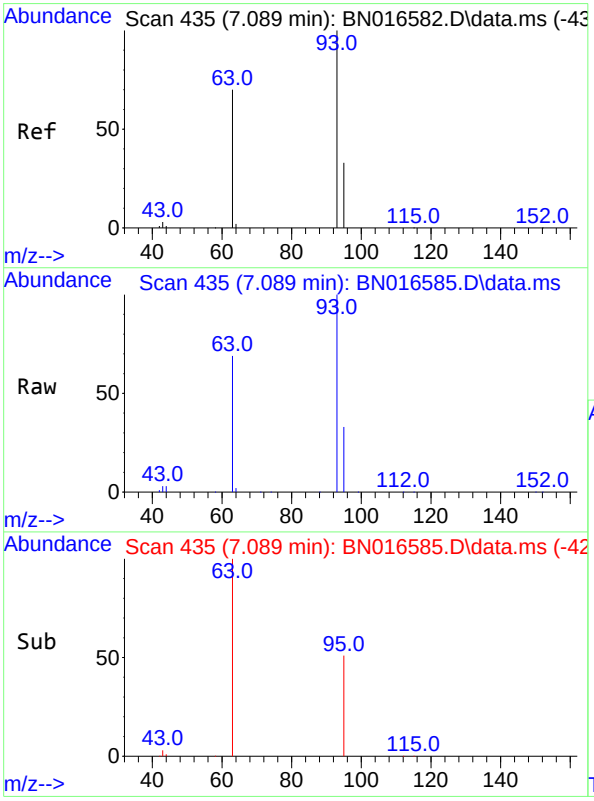


#5
Phenol-d6
Concen: 3.674 ng
RT: 6.831 min Scan# 407
Delta R.T. -0.000 min
Lab File: BN016585.D
Acq: 29 Sep 2021 21:31

Tgt Ion: 99 Resp: 265752

Ion	Ratio	Lower	Upper
99	100		
42	16.5	13.3	19.9
71	29.4	23.7	35.5

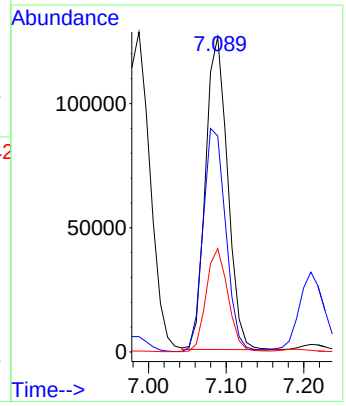




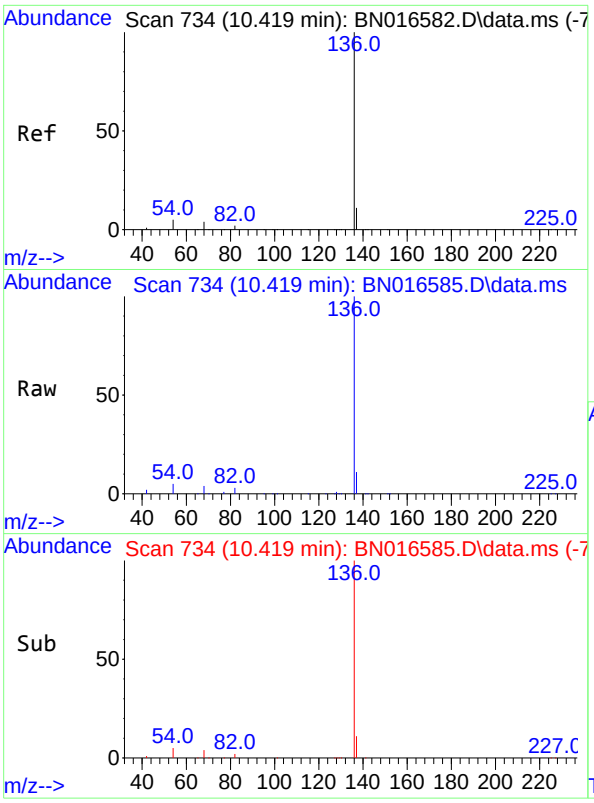
#6
bis(2-Chloroethyl)ether
Concen: 3.261 ng
RT: 7.089 min Scan# 435
Delta R.T. -0.000 min
Lab File: BN016585.D
Acq: 29 Sep 2021 21:31

Tgt Ion: 93 Resp: 248534

Ion	Ratio	Lower	Upper
93	100		
63	73.5	59.1	88.7
95	32.7	26.3	39.5



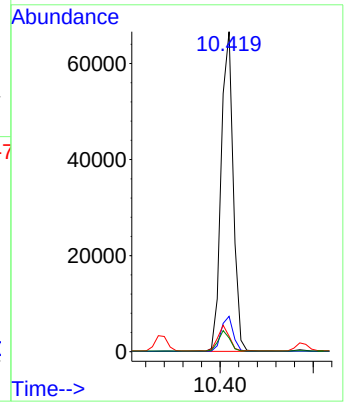
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

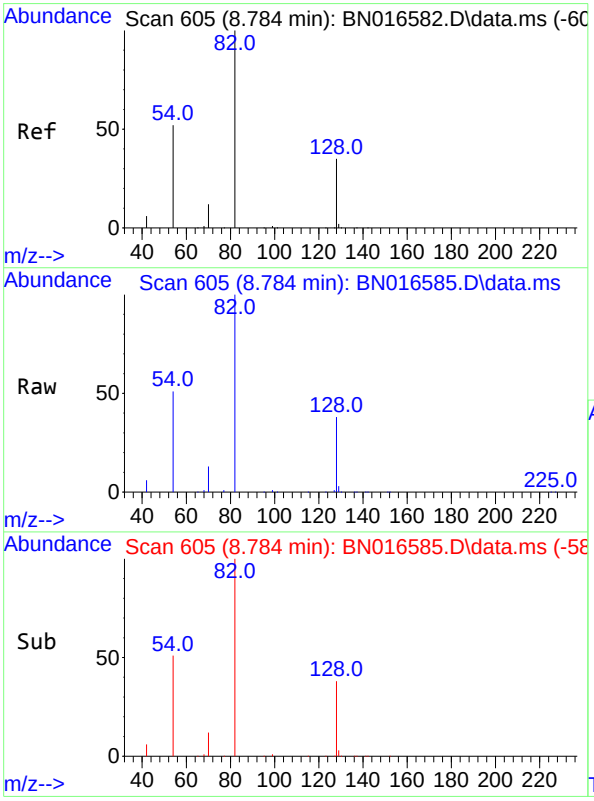


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.419 min Scan# 734
Delta R.T. -0.000 min
Lab File: BN016585.D
Acq: 29 Sep 2021 21:31

Tgt Ion:136 Resp: 119648

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	4.9	4.0	6.0
68	4.3	3.6	5.4

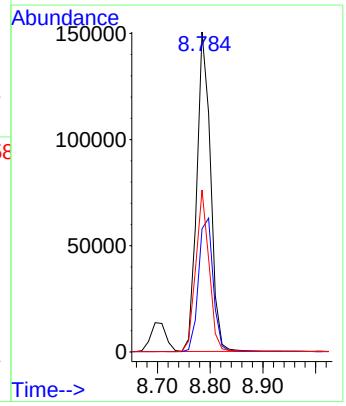




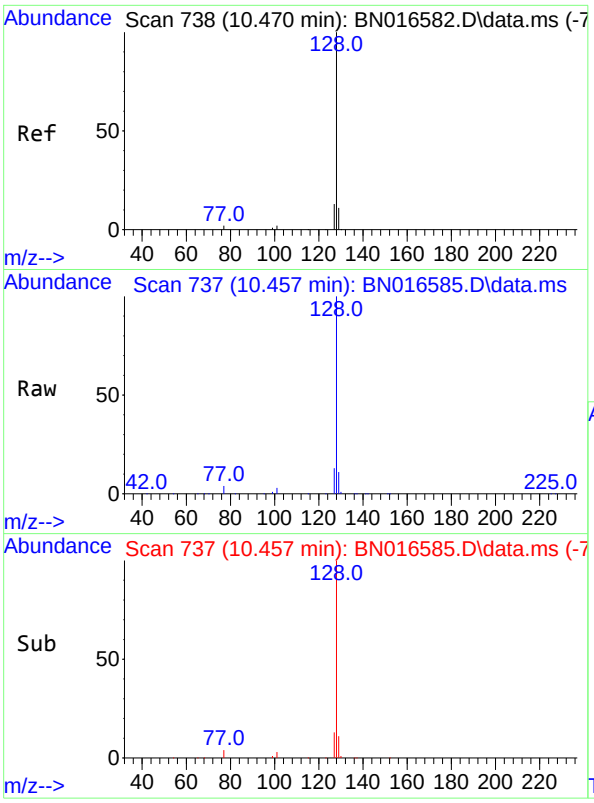
#8
Nitrobenzene-d5
Concen: 4.294 ng
RT: 8.784 min Scan# 605
Delta R.T. -0.000 min
Lab File: BN016585.D
Acq: 29 Sep 2021 21:31

Tgt Ion: 82 Resp: 272813

Ion	Ratio	Lower	Upper
82	100		
128	38.5	28.6	42.8
54	50.6	42.0	63.0



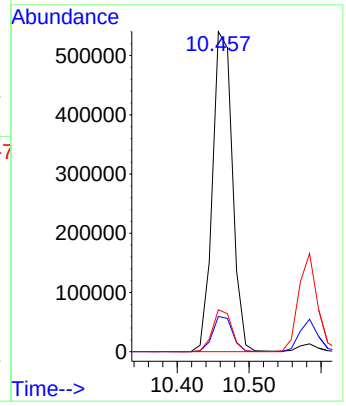
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

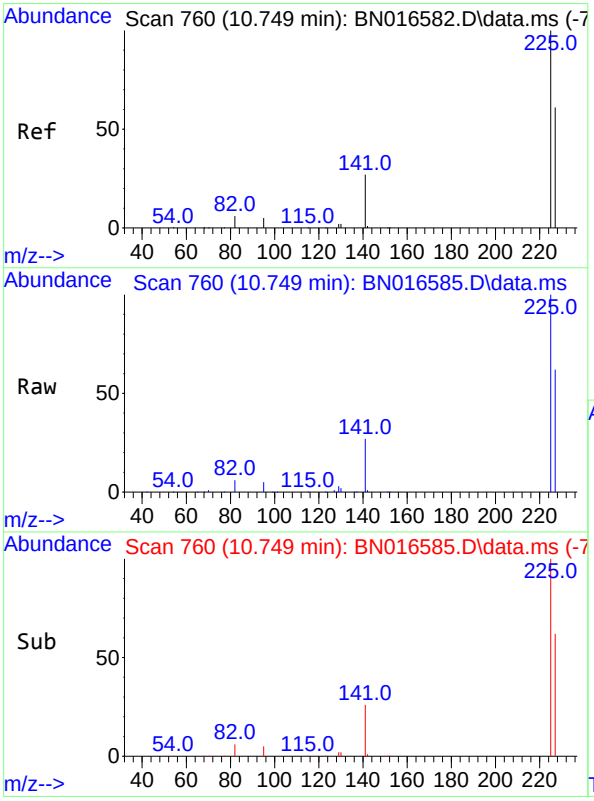


#9
Naphthalene
Concen: 3.218 ng
RT: 10.457 min Scan# 737
Delta R.T. -0.013 min
Lab File: BN016585.D
Acq: 29 Sep 2021 21:31

Tgt Ion:128 Resp: 1038776

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	13.1	10.1	15.1

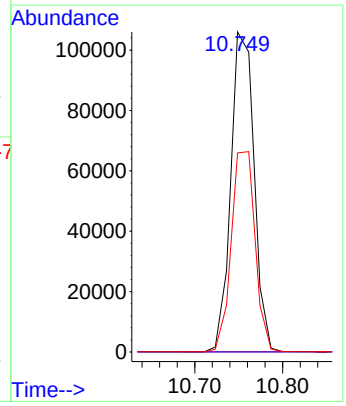




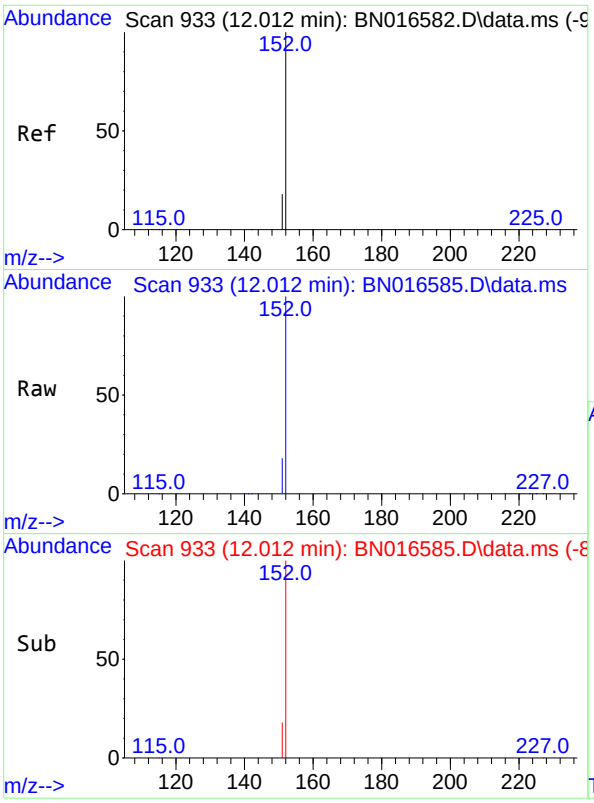
#10
Hexachlorobutadiene
Concen: 3.061 ng
RT: 10.749 min Scan# 760
Delta R.T. -0.000 min
Lab File: BN016585.D
Acq: 29 Sep 2021 21:31

Tgt Ion:225 Resp: 195094

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.3	51.2	76.8



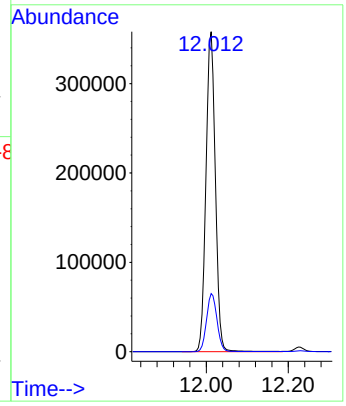
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

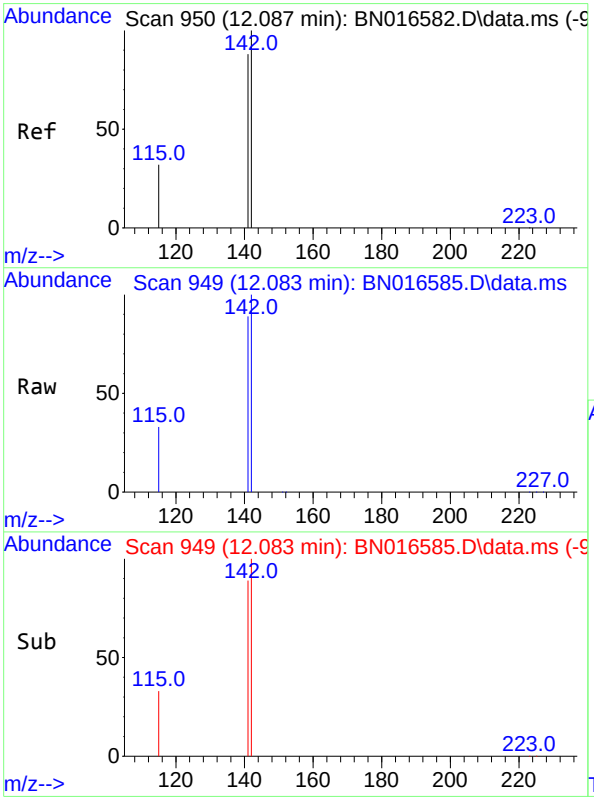


#11
2-Methylnaphthalene-d10
Concen: 3.339 ng
RT: 12.012 min Scan# 933
Delta R.T. -0.000 min
Lab File: BN016585.D
Acq: 29 Sep 2021 21:31

Tgt Ion:152 Resp: 568193

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.3	24.5

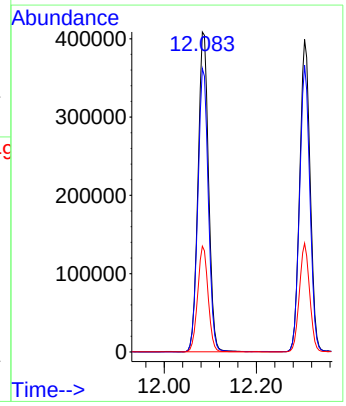




#12
2-Methylnaphthalene
Concen: 3.236 ng
RT: 12.083 min Scan# 949
Delta R.T. -0.005 min
Lab File: BN016585.D
Acq: 29 Sep 2021 21:31

Tgt Ion:142 Resp: 650198

Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.2	105.4
115	33.1	26.1	39.1



Instrument :
BNA_N
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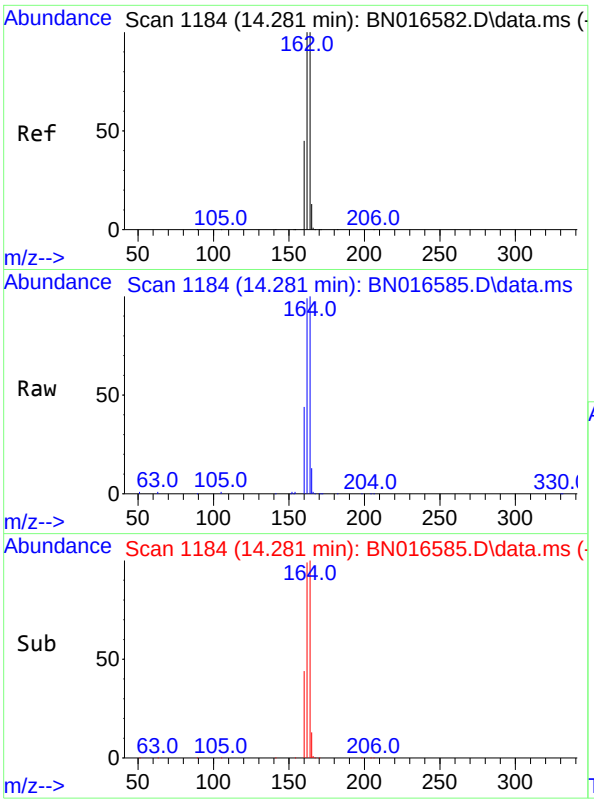
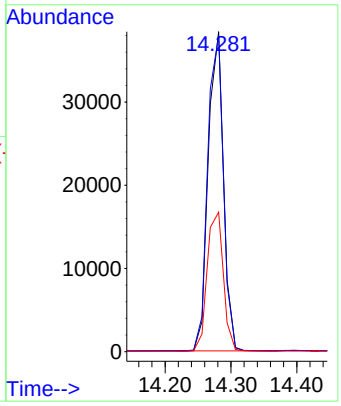
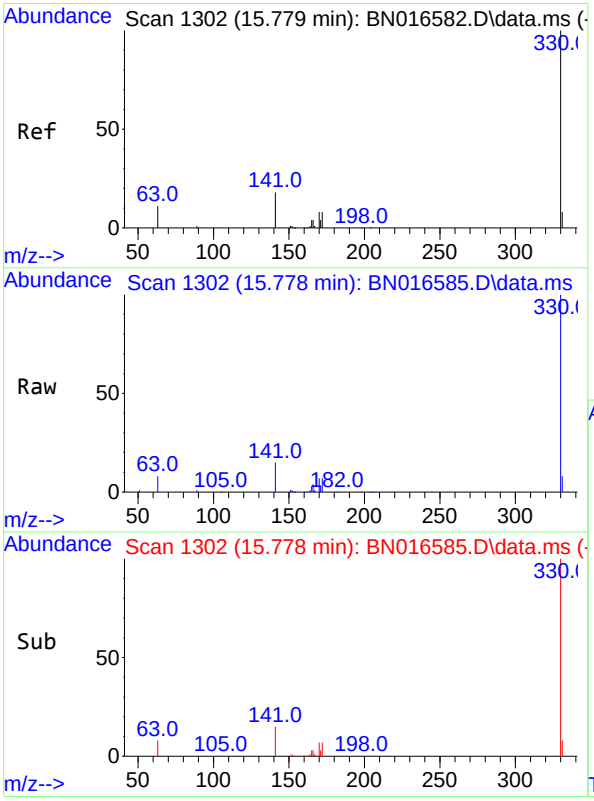


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.281 min Scan# 1184
Delta R.T. -0.000 min
Lab File: BN016585.D
Acq: 29 Sep 2021 21:31

Tgt Ion:164 Resp: 61373

Ion	Ratio	Lower	Upper
164	100		
162	98.8	79.8	119.6
160	43.6	35.7	53.5

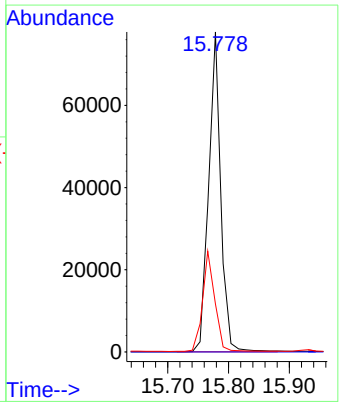




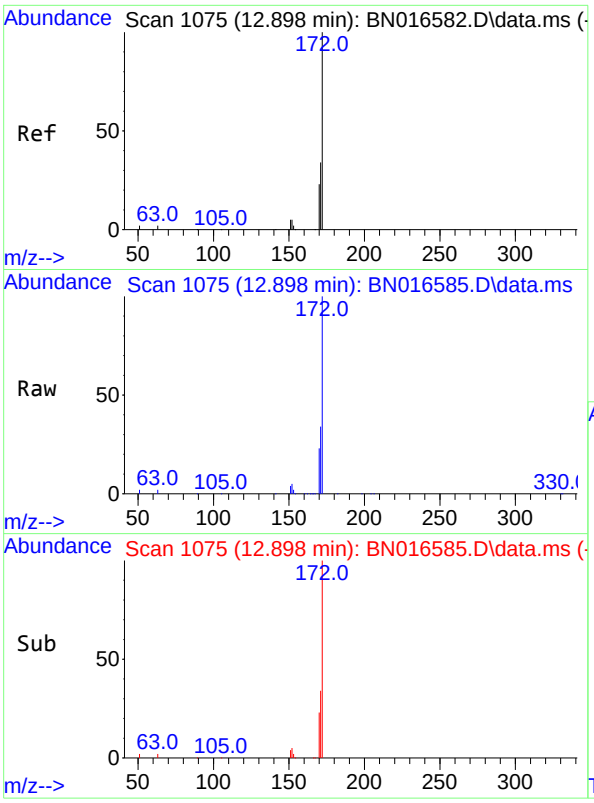
#14
2,4,6-Tribromophenol
Concen: 4.017 ng
RT: 15.778 min Scan# 1302
Delta R.T. -0.000 min
Lab File: BN016585.D
Acq: 29 Sep 2021 21:31

Tgt Ion:330 Resp: 107638

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	31.7	25.4	38.2



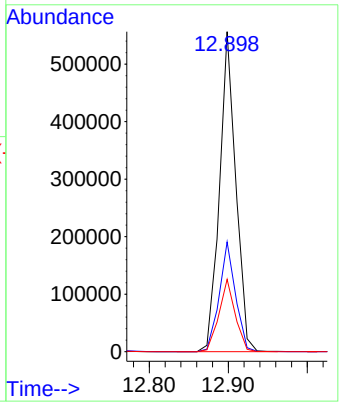
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

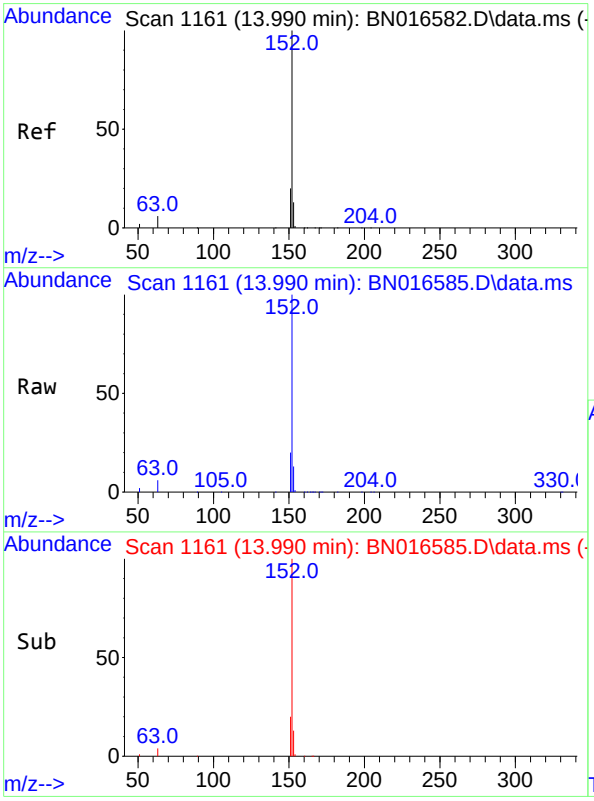


#15
2-Fluorobiphenyl
Concen: 3.159 ng
RT: 12.898 min Scan# 1075
Delta R.T. -0.000 min
Lab File: BN016585.D
Acq: 29 Sep 2021 21:31

Tgt Ion:172 Resp: 797915

Ion	Ratio	Lower	Upper
172	100		
171	34.3	27.6	41.4
170	22.6	18.7	28.1

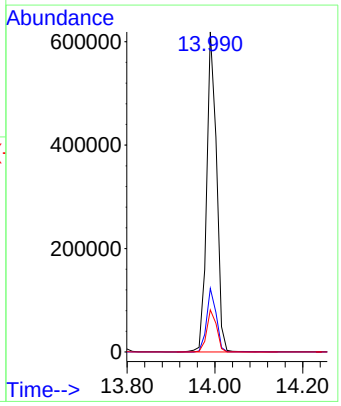




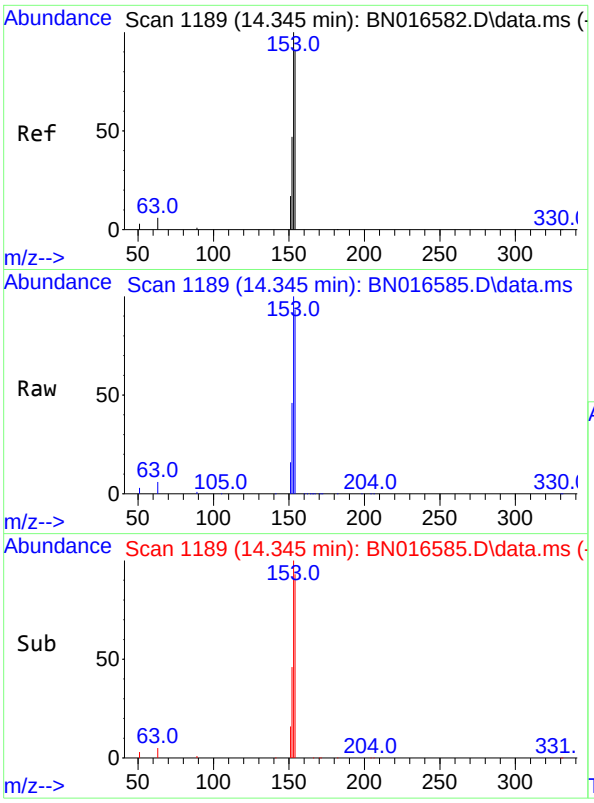
#16
Acenaphthylene
Concen: 3.535 ng
RT: 13.990 min Scan# 1161
Delta R.T. -0.000 min
Lab File: BN016585.D
Acq: 29 Sep 2021 21:31

Tgt Ion:152 Resp: 961616

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.4	23.2
153	13.1	10.4	15.6



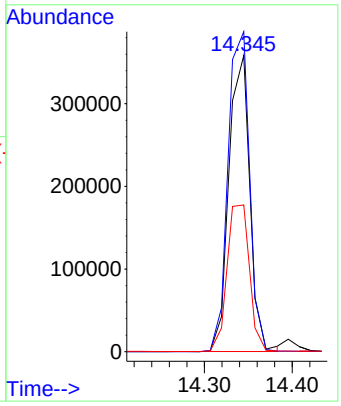
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

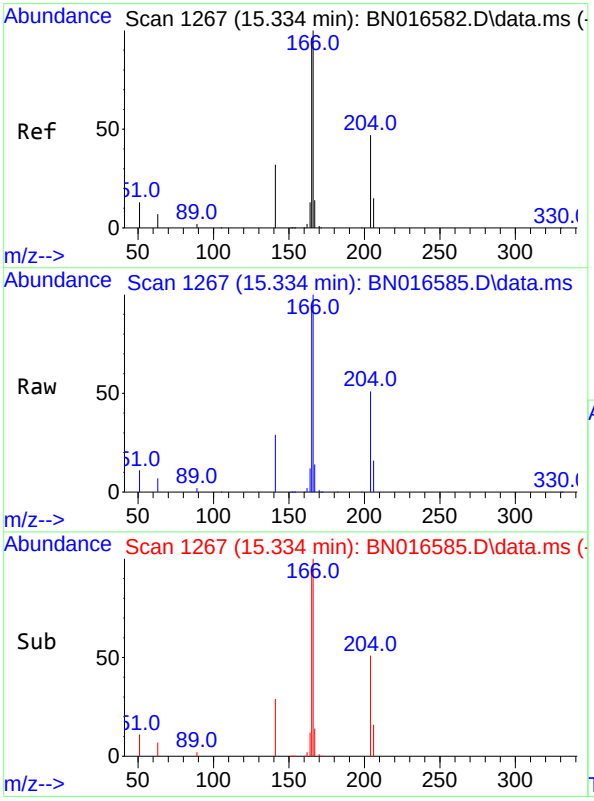


#17
Acenaphthene
Concen: 3.207 ng
RT: 14.345 min Scan# 1189
Delta R.T. -0.000 min
Lab File: BN016585.D
Acq: 29 Sep 2021 21:31

Tgt Ion:154 Resp: 592872

Ion	Ratio	Lower	Upper
154	100		
153	111.1	90.5	135.7
152	53.2	44.5	66.7

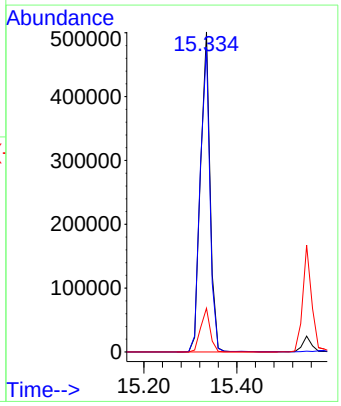




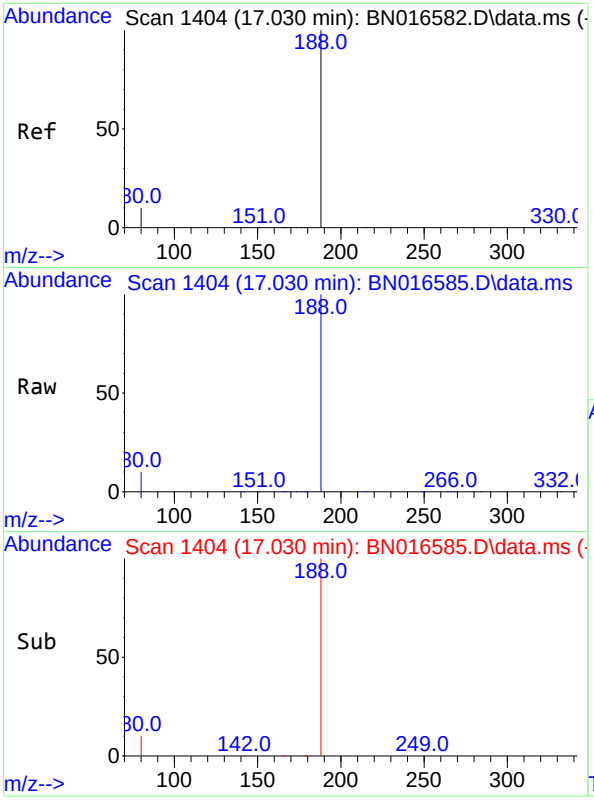
#18
Fluorene
Concen: 3.192 ng
RT: 15.334 min Scan# 1267
Delta R.T. -0.000 min
Lab File: BN016585.D
Acq: 29 Sep 2021 21:31

Tgt Ion:166 Resp: 718841

Ion	Ratio	Lower	Upper
166	100		
165	97.1	78.1	117.1
167	13.5	10.7	16.1



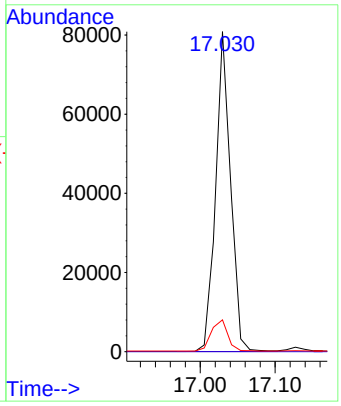
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

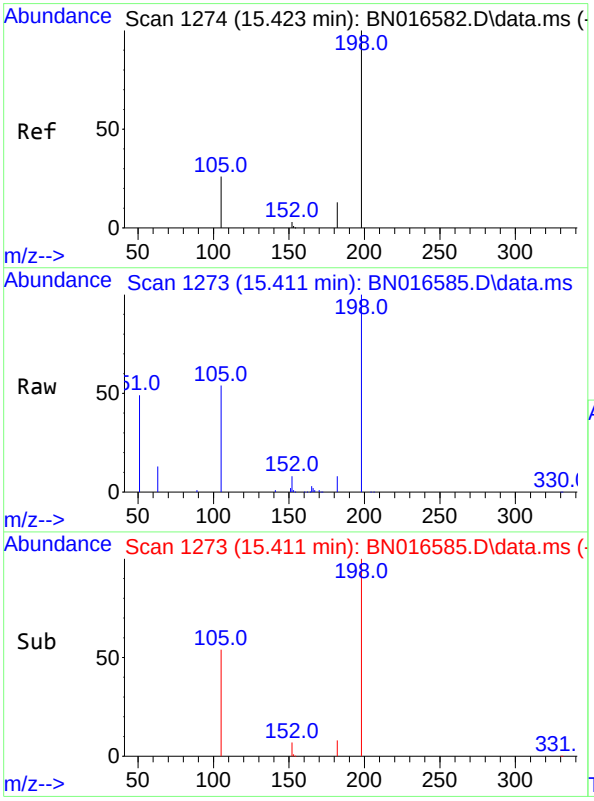


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.030 min Scan# 1404
Delta R.T. -0.000 min
Lab File: BN016585.D
Acq: 29 Sep 2021 21:31

Tgt Ion:188 Resp: 111595

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.0	8.1	12.1

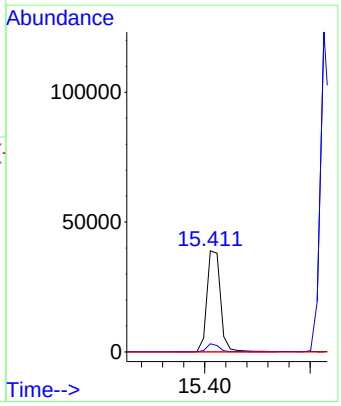




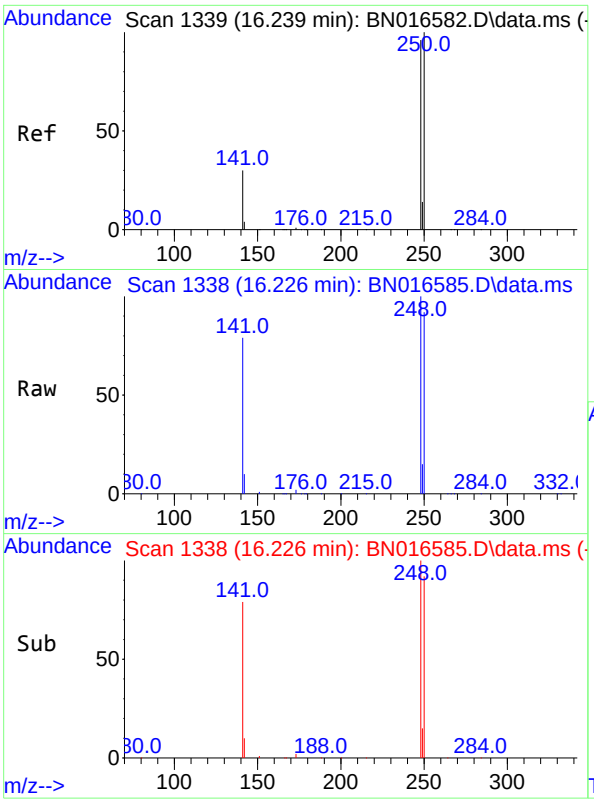
#20
4,6-Dinitro-2-methylphenol
Concen: 10.141 ng
RT: 15.411 min Scan# 1273
Delta R.T. -0.013 min
Lab File: BN016585.D
Acq: 29 Sep 2021 21:31

Tgt Ion:198 Resp: 68999

Ion	Ratio	Lower	Upper
198	100		
182	8.1	12.3	18.5#
77	0.0	0.0	0.0



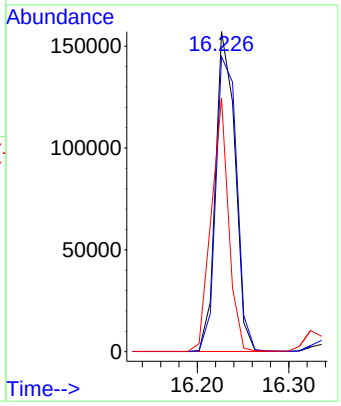
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

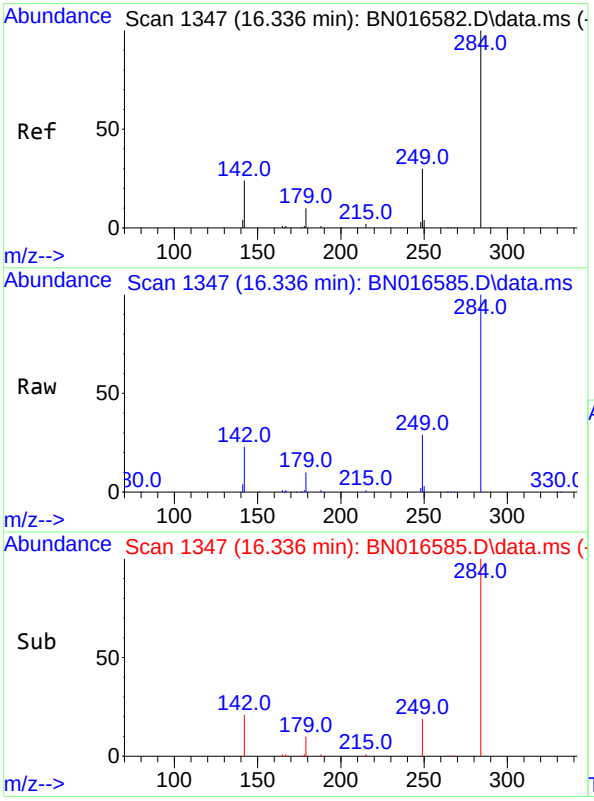


#21
4-Bromophenyl-phenylether
Concen: 3.538 ng
RT: 16.226 min Scan# 1338
Delta R.T. -0.012 min
Lab File: BN016585.D
Acq: 29 Sep 2021 21:31

Tgt Ion:248 Resp: 233494

Ion	Ratio	Lower	Upper
248	100		
250	92.2	83.7	125.5
141	79.3	25.3	37.9#

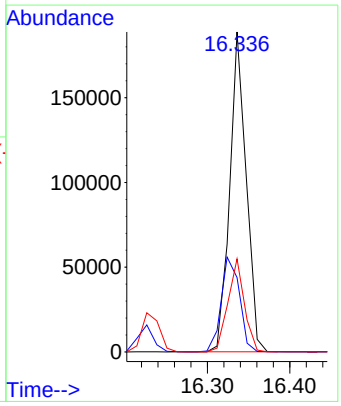




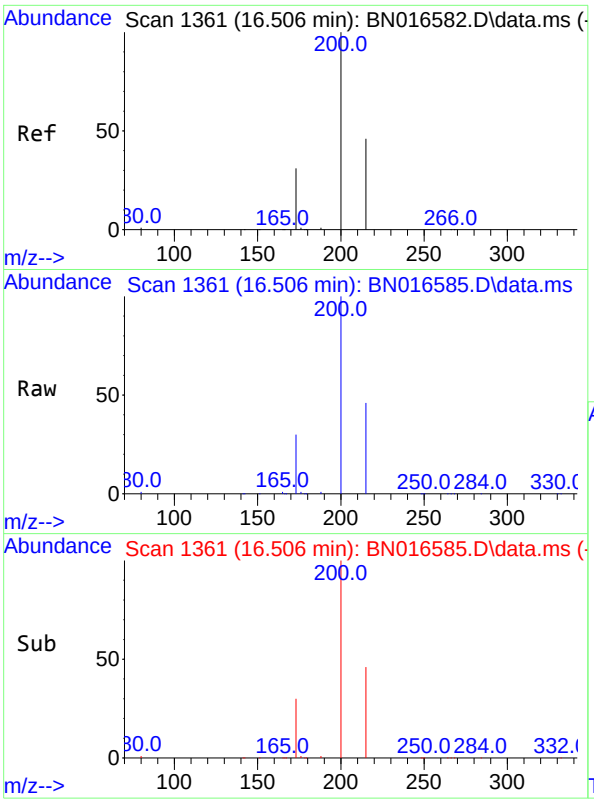
#22
Hexachlorobenzene
Concen: 3.328 ng
RT: 16.336 min Scan# 1347
Delta R.T. -0.000 min
Lab File: BN016585.D
Acq: 29 Sep 2021 21:31

Tgt Ion:284 Resp: 262254

Ion	Ratio	Lower	Upper
284	100		
142	32.8	26.7	40.1
249	28.9	23.4	35.2



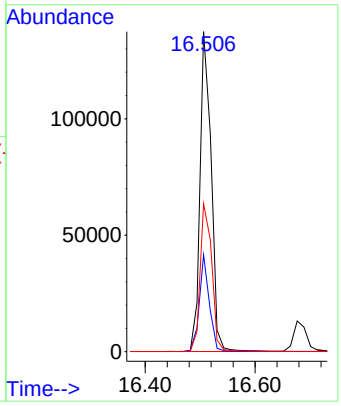
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

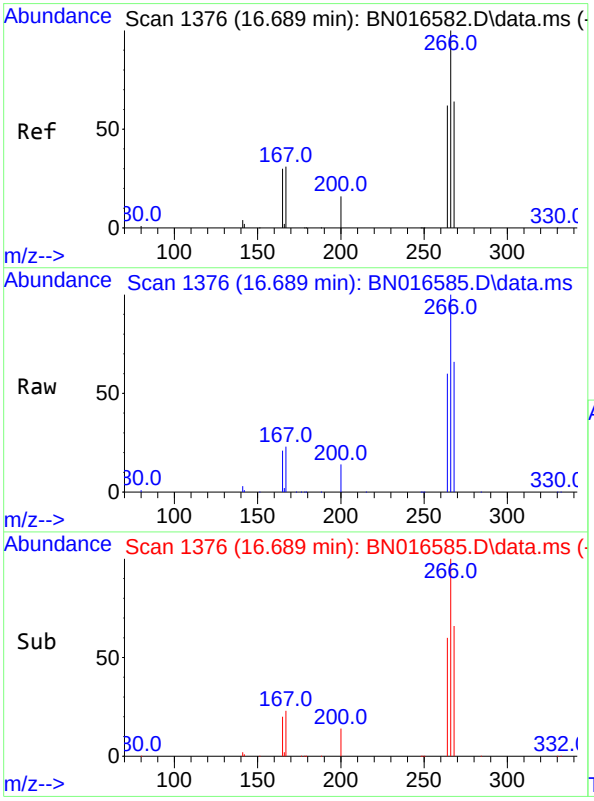


#23
Atrazine
Concen: 4.324 ng
RT: 16.506 min Scan# 1361
Delta R.T. -0.000 min
Lab File: BN016585.D
Acq: 29 Sep 2021 21:31

Tgt Ion:200 Resp: 194226

Ion	Ratio	Lower	Upper
200	100		
173	30.3	25.0	37.6
215	46.3	37.1	55.7

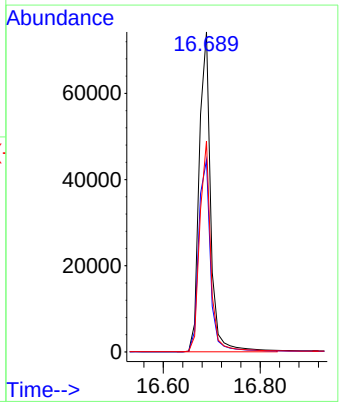




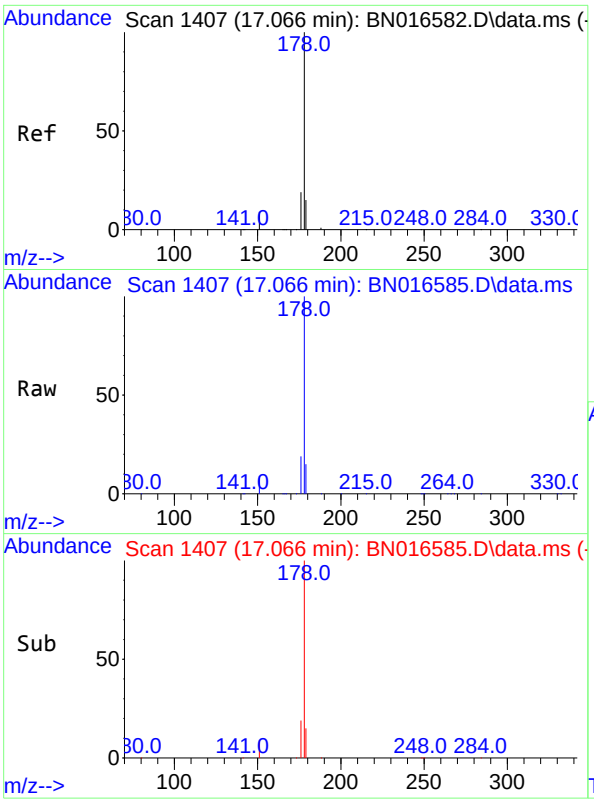
#24
Pentachlorophenol
Concen: 4.850 ng
RT: 16.689 min Scan# 1376
Delta R.T. -0.000 min
Lab File: BN016585.D
Acq: 29 Sep 2021 21:31

Tgt Ion:266 Resp: 121572

Ion	Ratio	Lower	Upper
266	100		
264	62.5	50.5	75.7
268	63.9	51.4	77.2



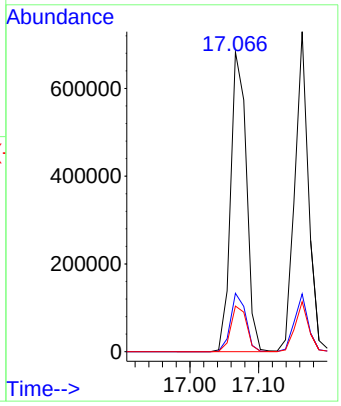
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

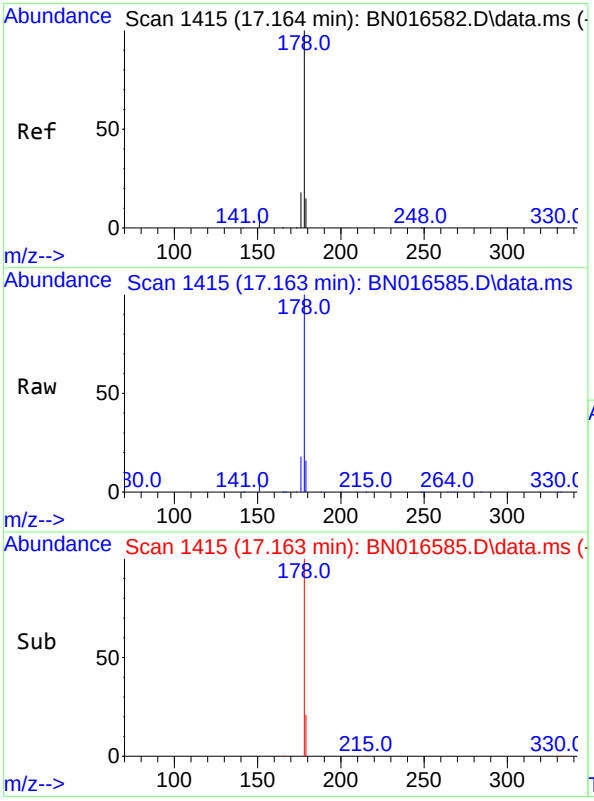


#25
Phenanthrene
Concen: 3.252 ng
RT: 17.066 min Scan# 1407
Delta R.T. -0.000 min
Lab File: BN016585.D
Acq: 29 Sep 2021 21:31

Tgt Ion:178 Resp: 1091840

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.6
179	15.4	12.2	18.2

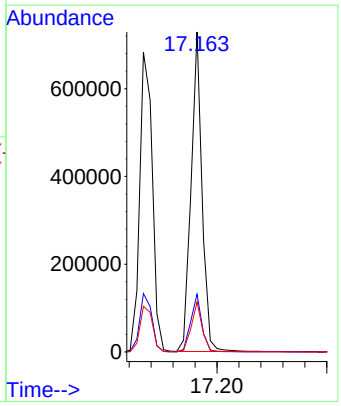


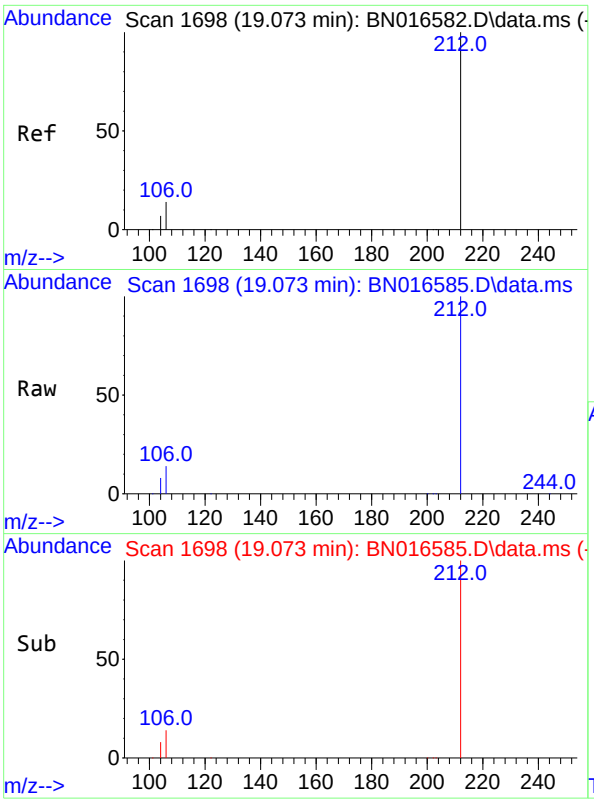


#26
Anthracene
Concen: 3.466 ng
RT: 17.163 min Scan# 1415
Delta R.T. -0.000 min
Lab File: BN016585.D
Acq: 29 Sep 2021 21:31

Tgt Ion:178 Resp: 1011064

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.6	22.0
179	15.6	12.3	18.5

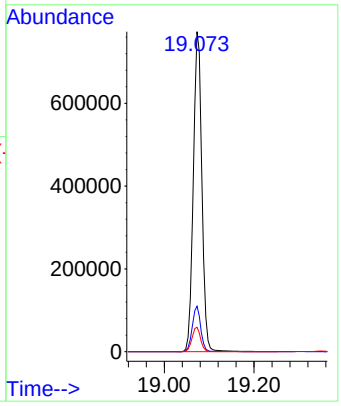




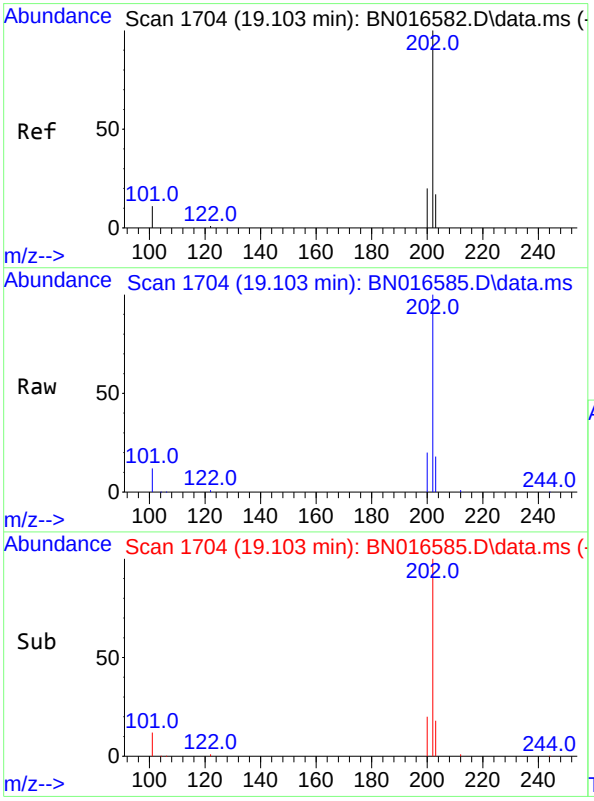
#27
Fluoranthene-d10
Concen: 3.408 ng
RT: 19.073 min Scan# 1698
Delta R.T. -0.000 min
Lab File: BN016585.D
Acq: 29 Sep 2021 21:31

Tgt Ion:212 Resp: 1027527

Ion	Ratio	Lower	Upper
212	100		
106	14.0	11.0	16.6
104	7.6	6.0	9.0



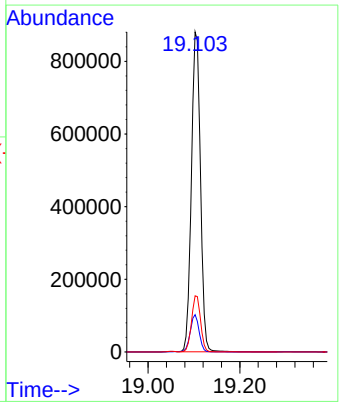
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2



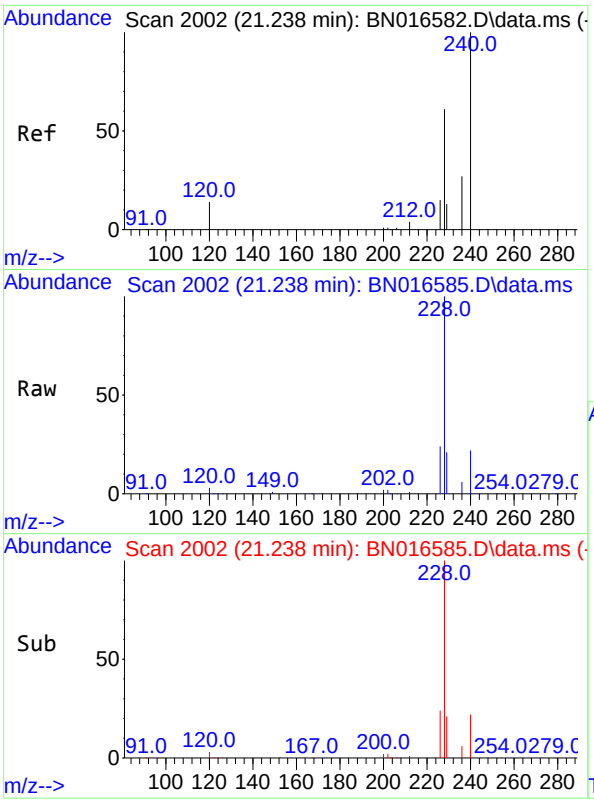
#28
Fluoranthene
Concen: 3.283 ng
RT: 19.103 min Scan# 1704
Delta R.T. -0.000 min
Lab File: BN016585.D
Acq: 29 Sep 2021 21:31

Tgt Ion:202 Resp: 1204879

Ion	Ratio	Lower	Upper
202	100		
101	11.6	9.1	13.7
203	17.6	13.8	20.8



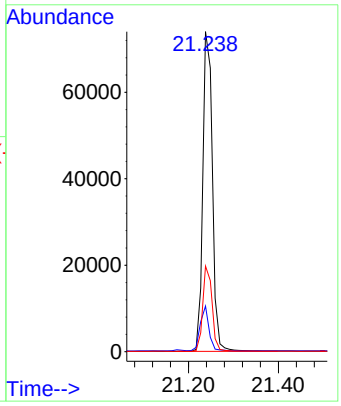
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

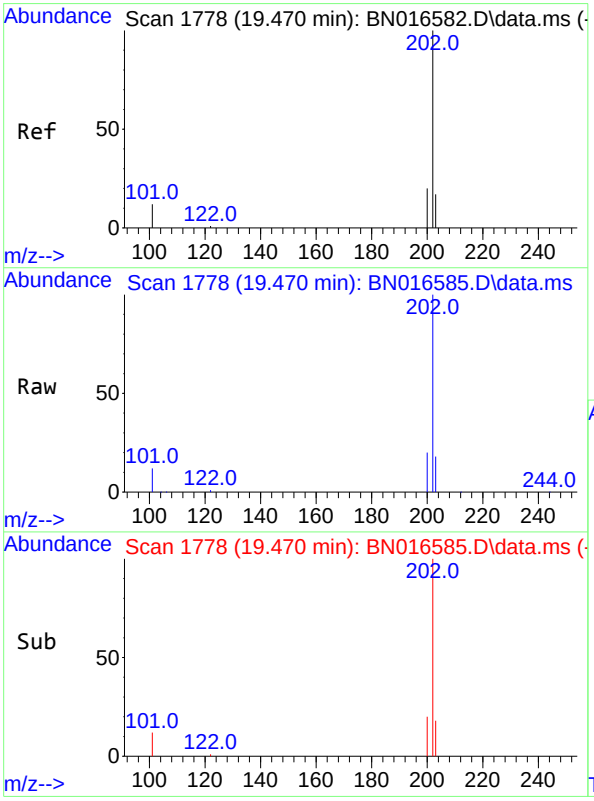


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.238 min Scan# 2002
Delta R.T. -0.000 min
Lab File: BN016585.D
Acq: 29 Sep 2021 21:31

Tgt Ion:240 Resp: 109312

Ion	Ratio	Lower	Upper
240	100		
120	14.2	11.6	17.4
236	26.7	21.6	32.4

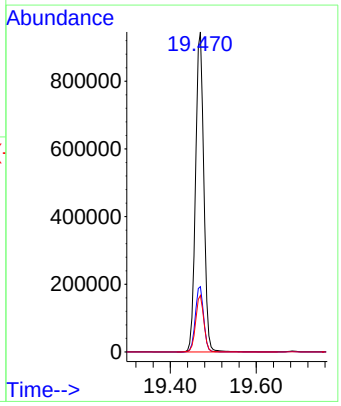




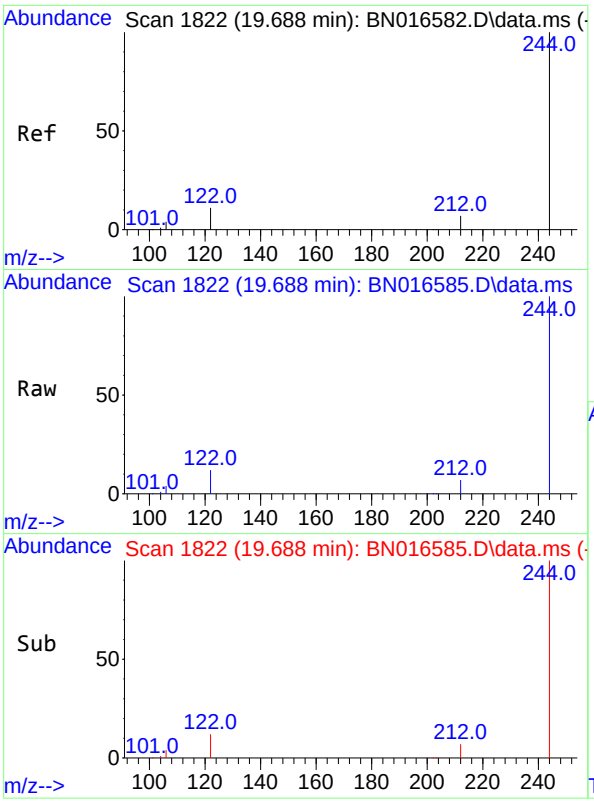
#30
Pyrene
Concen: 3.370 ng
RT: 19.470 min Scan# 1778
Delta R.T. -0.000 min
Lab File: BN016585.D
Acq: 29 Sep 2021 21:31

Tgt Ion:202 Resp: 1255870

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.5	24.7
203	17.6	13.9	20.9



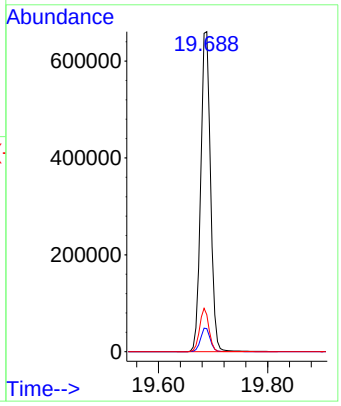
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

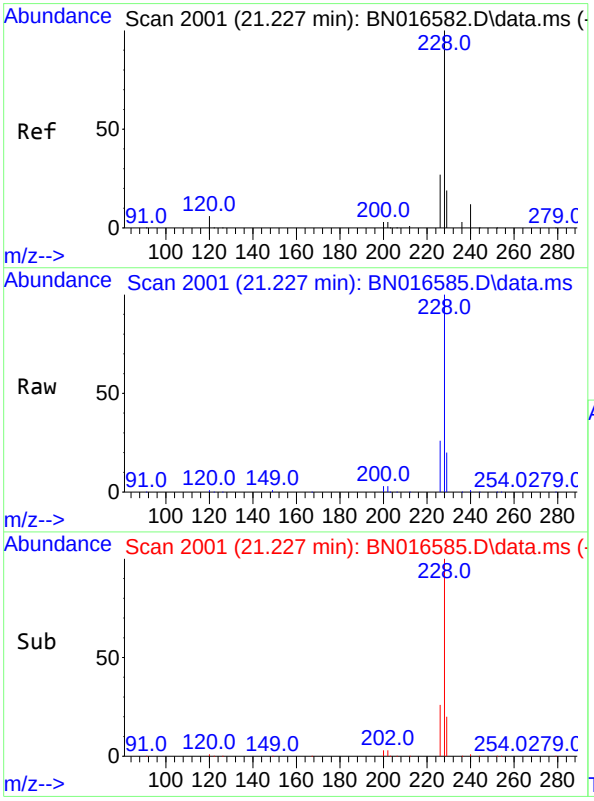


#31
Terphenyl-d14
Concen: 3.513 ng
RT: 19.688 min Scan# 1822
Delta R.T. -0.000 min
Lab File: BN016585.D
Acq: 29 Sep 2021 21:31

Tgt Ion:244 Resp: 827352

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	11.6	9.2	13.8

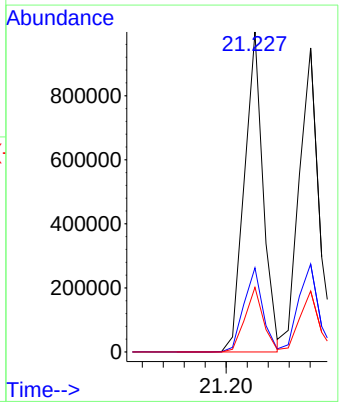




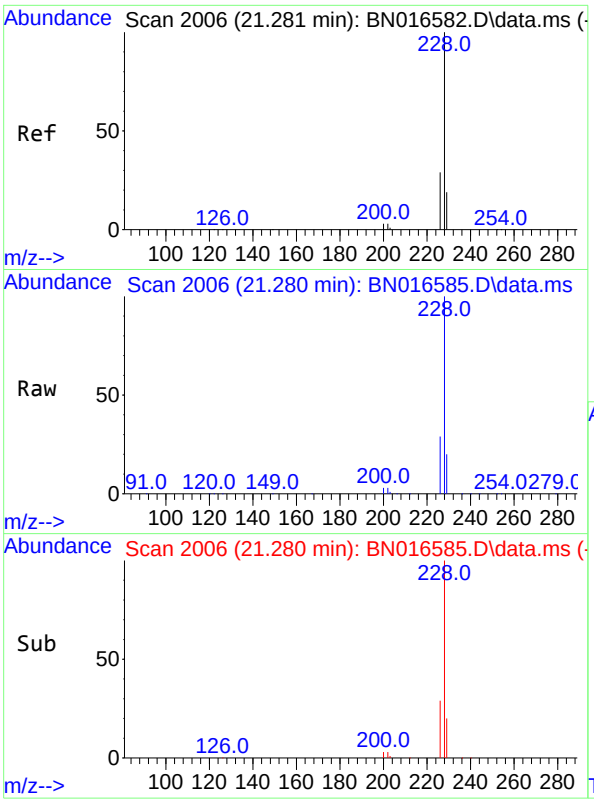
#32
Benzo(a)anthracene
Concen: 3.651 ng
RT: 21.227 min Scan# 2001
Delta R.T. -0.000 min
Lab File: BN016585.D
Acq: 29 Sep 2021 21:31

Tgt Ion:228 Resp: 1237206

Ion	Ratio	Lower	Upper
228	100		
226	26.3	21.4	32.0
229	20.2	15.6	23.4



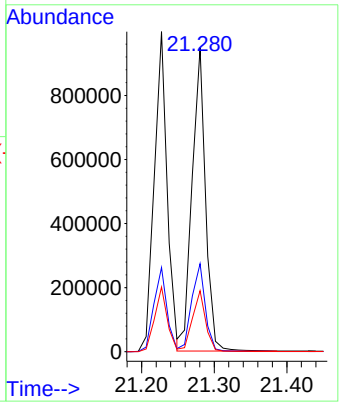
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

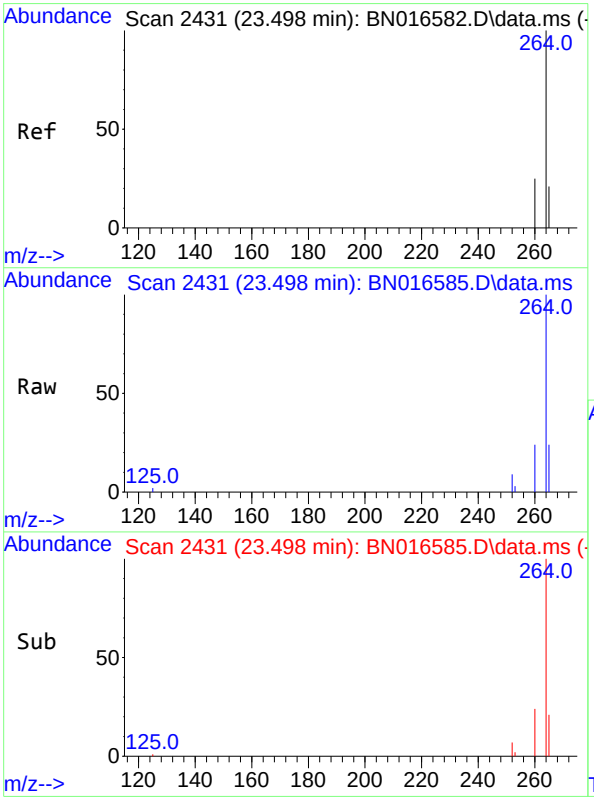


#33
Chrysene
Concen: 3.521 ng
RT: 21.280 min Scan# 2006
Delta R.T. -0.000 min
Lab File: BN016585.D
Acq: 29 Sep 2021 21:31

Tgt Ion:228 Resp: 1216682

Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.4	35.0
229	20.1	15.7	23.5

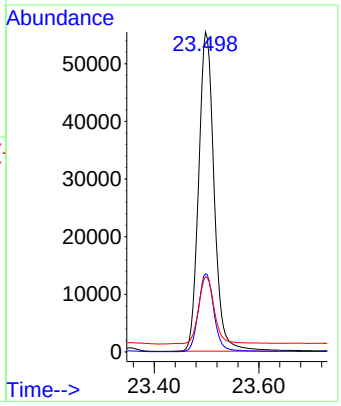




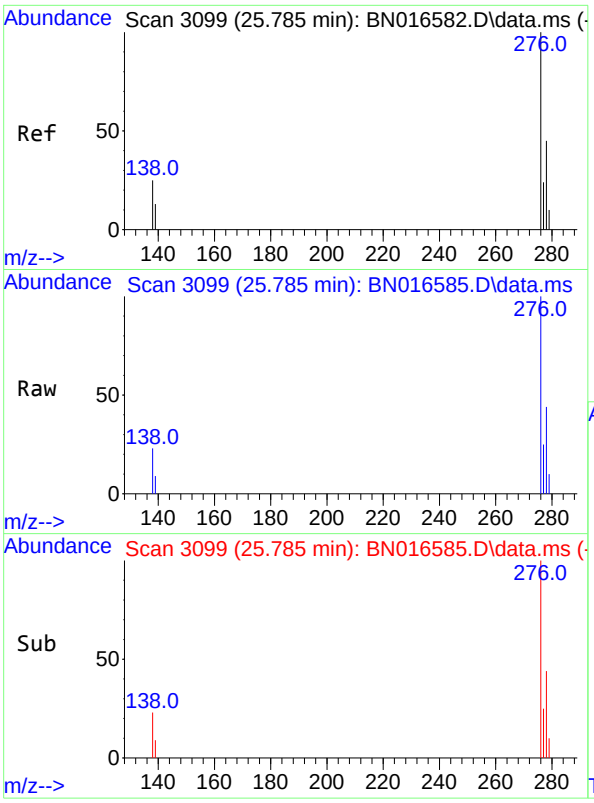
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.498 min Scan# 2431
Delta R.T. -0.000 min
Lab File: BN016585.D
Acq: 29 Sep 2021 21:31

Tgt Ion:264 Resp: 114083

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.7	29.5
265	23.5	18.9	28.3



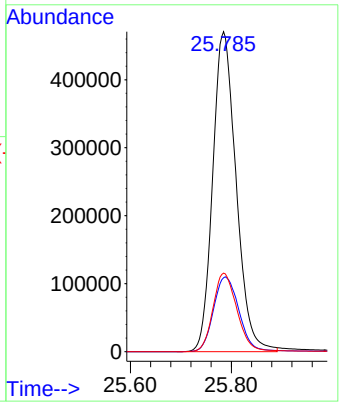
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

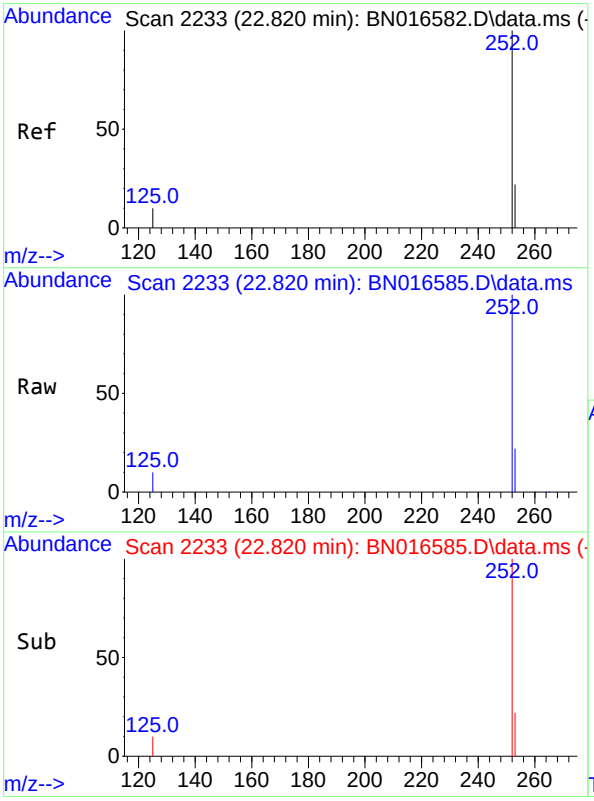


#36
Indeno(1,2,3-cd)pyrene
Concen: 4.164 ng
RT: 25.785 min Scan# 3099
Delta R.T. -0.000 min
Lab File: BN016585.D
Acq: 29 Sep 2021 21:31

Tgt Ion:276 Resp: 1514747

Ion	Ratio	Lower	Upper
276	100		
138	25.3	21.1	31.7
277	25.1	20.0	30.0

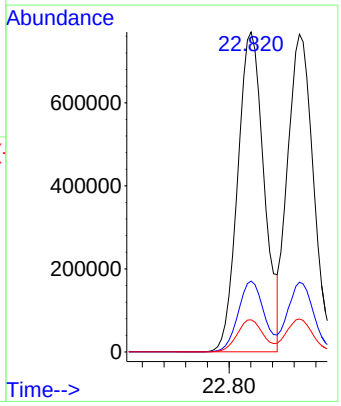




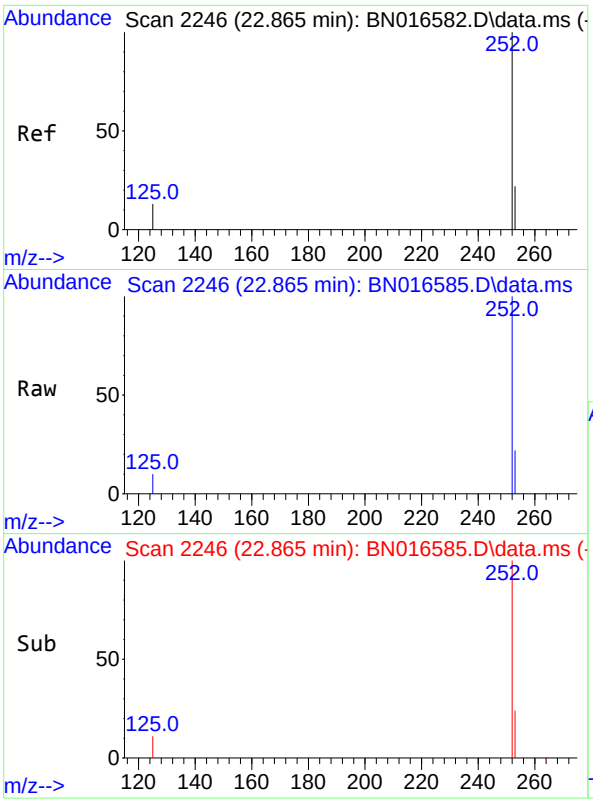
#37
Benzo(b)fluoranthene
Concen: 3.420 ng
RT: 22.820 min Scan# 2233
Delta R.T. -0.000 min
Lab File: BN016585.D
Acq: 29 Sep 2021 21:31

Tgt Ion:252 Resp: 1302601

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	10.1	8.2	12.2



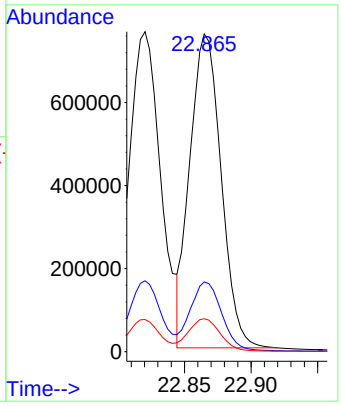
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

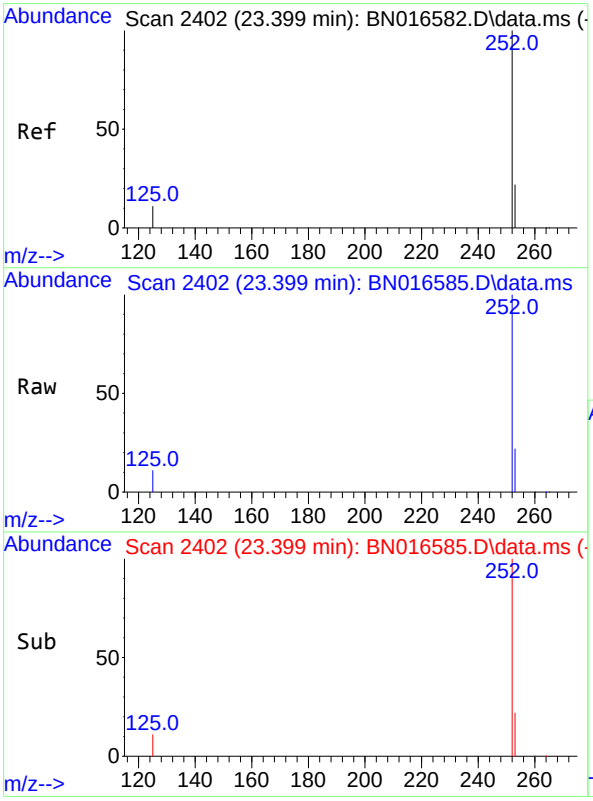


#38
Benzo(k)fluoranthene
Concen: 3.320 ng
RT: 22.865 min Scan# 2246
Delta R.T. -0.000 min
Lab File: BN016585.D
Acq: 29 Sep 2021 21:31

Tgt Ion:252 Resp: 1232126

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.2
125	10.4	11.0	16.4#

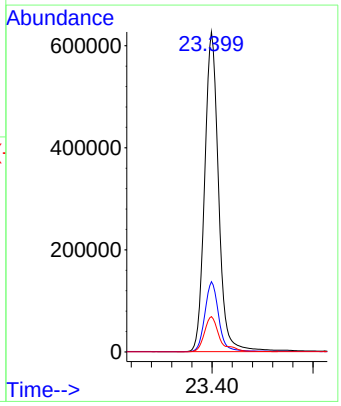




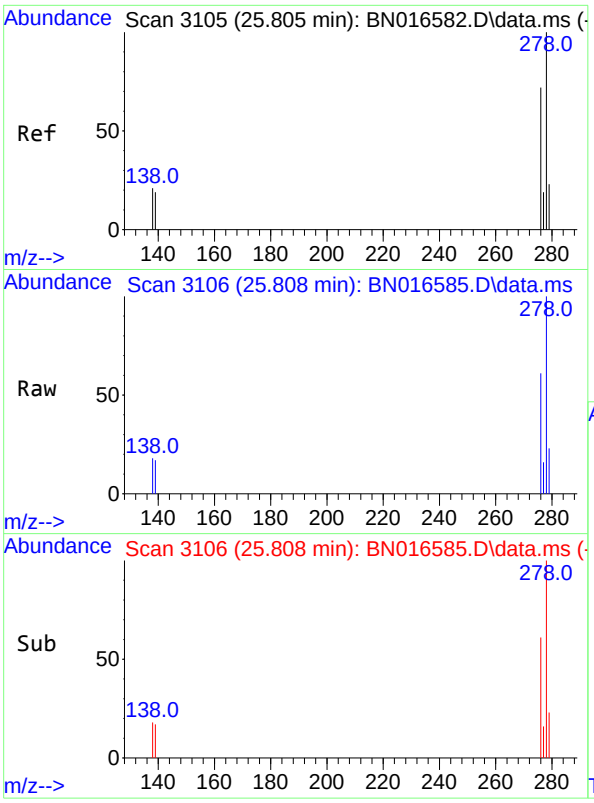
#39
Benzo(a)pyrene
Concen: 3.419 ng
RT: 23.399 min Scan# 2402
Delta R.T. -0.000 min
Lab File: BN016585.D
Acq: 29 Sep 2021 21:31

Tgt Ion:252 Resp: 1194489

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.6
125	11.1	9.2	13.8



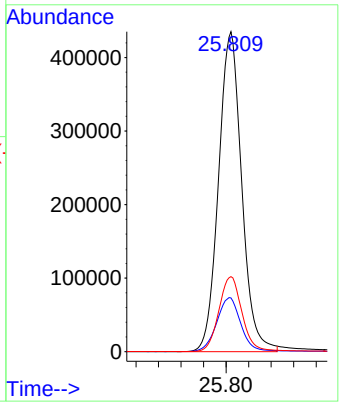
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

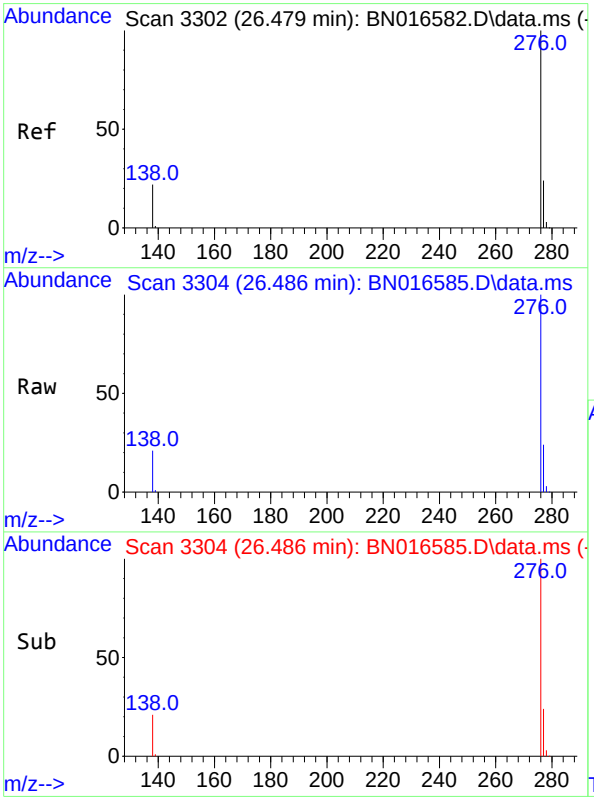


#40
Dibenzo(a,h)anthracene
Concen: 4.907 ng
RT: 25.808 min Scan# 3106
Delta R.T. 0.003 min
Lab File: BN016585.D
Acq: 29 Sep 2021 21:31

Tgt Ion:278 Resp: 1240358

Ion	Ratio	Lower	Upper
278	100		
139	16.8	15.6	23.4
279	23.4	19.0	28.4





#41
Benzo(g,h,i)perylene
Concen: 4.022 ng
RT: 26.486 min Scan# 3304
Delta R.T. 0.007 min
Lab File: BN016585.D
Acq: 29 Sep 2021 21:31

Tgt Ion:276 Resp: 1330549

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.0	28.6
138	21.3	17.5	26.3