Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100421\
Data File : BN016708.D
Acq On : 04 Oct 2021 13:28
Operator : CG/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.1

Quant Time: Oct 04 15:16:40 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 04 15:14:53 2021
Response via : Initial Calibration

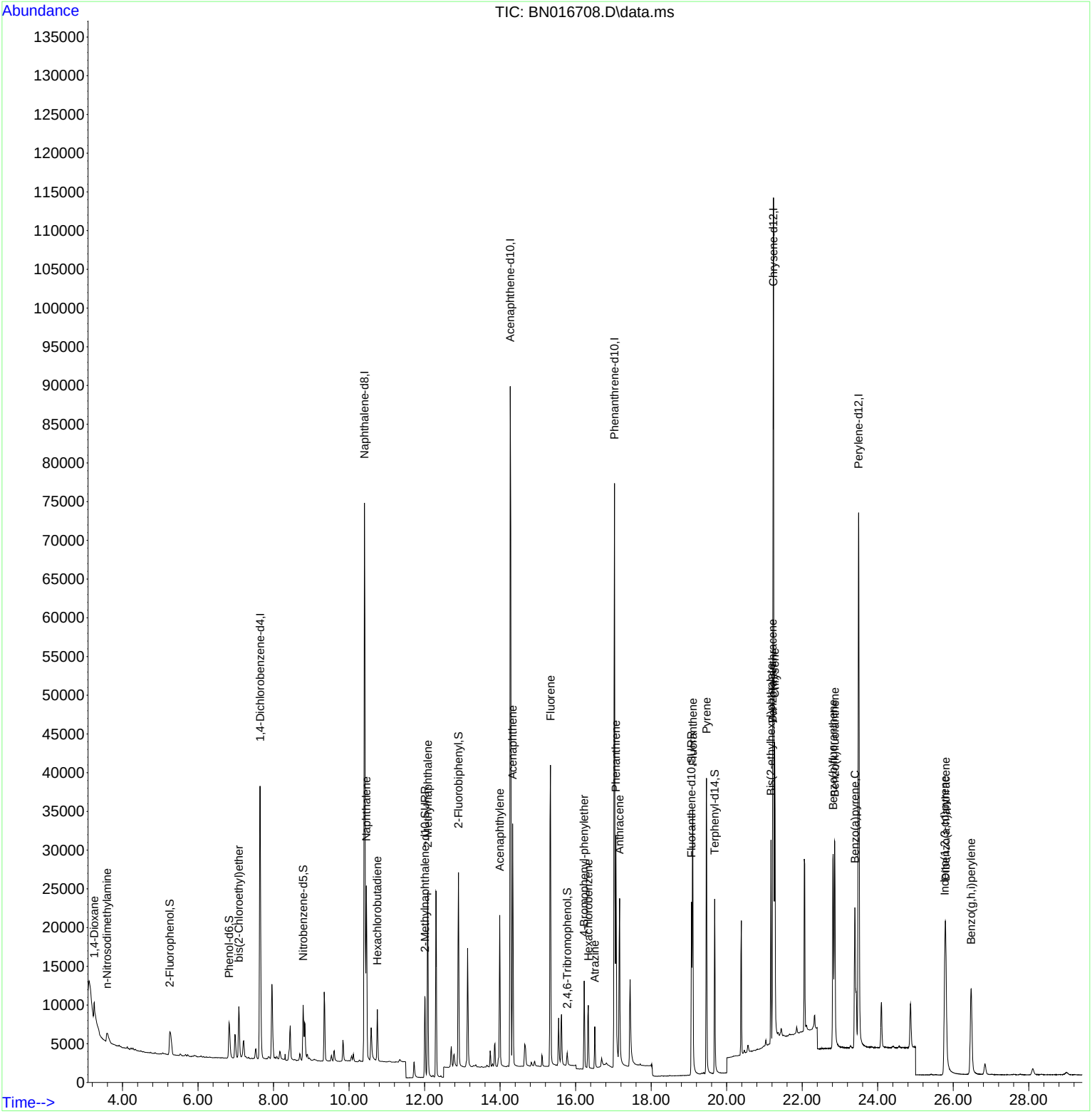
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.642	152	23014	0.40	ng		0.00
7) Naphthalene-d8	10.407	136	102885	0.40	ng		0.00
13) Acenaphthene-d10	14.269	164	55329	0.40	ng		0.00
19) Phenanthrene-d10	17.030	188	107855	0.40	ng		0.00
29) Chrysene-d12	21.238	240	98790	0.40	ng		0.00
35) Perylene-d12	23.495	264	97016	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.254	112	6048	0.10	ng		0.00
5) Phenol-d6	6.822	99	6387	0.10	ng		0.00
8) Nitrobenzene-d5	8.784	82	6792	0.10	ng		0.00
11) 2-Methylnaphthalene-d10	12.007	152	15261	0.10	ng		0.00
14) 2,4,6-Tribromophenol	15.779	330	1835	0.07	ng		0.00
15) 2-Fluorobiphenyl	12.899	172	23033	0.10	ng		0.00
27) Fluoranthene-d10	19.068	212	28391	0.10	ng		0.00
31) Terphenyl-d14	19.683	244	25294	0.12	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.253	88	1032	0.10	ng	#	36
3) n-Nitrosodimethylamine	3.595	42	1496	0.09	ng	#	86
6) bis(2-Chloroethyl)ether	7.080	93	6365	0.10	ng		99
9) Naphthalene	10.457	128	29483	0.11	ng		99
10) Hexachlorobutadiene	10.749	225	5301	0.10	ng	#	100
12) 2-Methylnaphthalene	12.083	142	18211	0.10	ng		99
16) Acenaphthylene	13.990	152	21725	0.09	ng		100
17) Acenaphthene	14.332	154	15732	0.10	ng		99
18) Fluorene	15.335	166	19003	0.10	ng		100
21) 4-Bromophenyl-phenylether	16.227	248	5850	0.09	ng		95
22) Hexachlorobenzene	16.336	284	7015	0.09	ng		100
23) Atrazine	16.506	200	4653	0.10	ng		97
25) Phenanthrene	17.066	178	30382	0.09	ng		98
26) Anthracene	17.164	178	26381	0.09	ng		100
28) Fluoranthene	19.103	202	34251	0.10	ng		99
30) Pyrene	19.465	202	36223	0.11	ng		100
32) Benzo(a)anthracene	21.217	228	31632	0.10	ng		99
33) Chrysene	21.270	228	33187	0.11	ng		99
34) Bis(2-ethylhexyl)phtha...	21.174	149	22619	0.19	ng		100
36) Indeno(1,2,3-cd)pyrene	25.778	276	28133	0.08	ng		96
37) Benzo(b)fluoranthene	22.817	252	32104	0.10	ng	#	94
38) Benzo(k)fluoranthene	22.862	252	32217	0.10	ng	#	88
39) Benzo(a)pyrene	23.396	252	28717	0.10	ng	#	92
40) Dibenzo(a,h)anthracene	25.798	278	21571	0.08	ng	#	88
41) Benzo(g,h,i)perylene	26.473	276	25417	0.08	ng		96

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100421\
Data File : BN016708.D
Acq On : 04 Oct 2021 13:28
Operator : CG/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Quant Time: Oct 04 15:16:40 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 04 15:14:53 2021
Response via : Initial Calibration



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BNA_N
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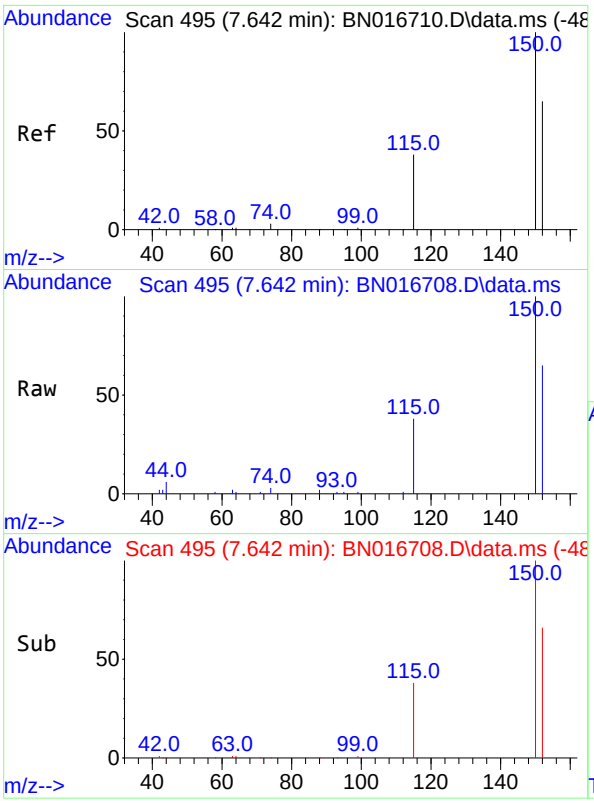
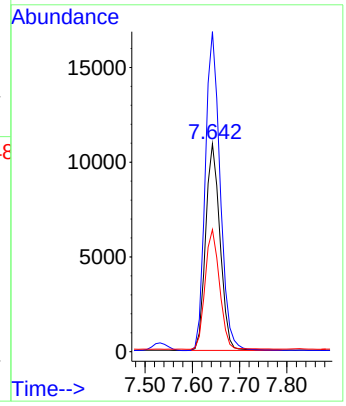
SSTDICC0.1

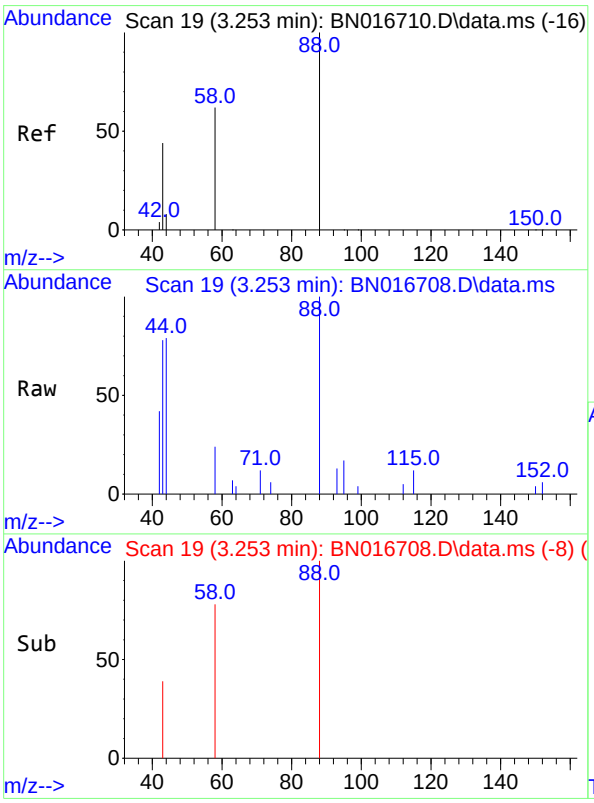


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.642 min Scan# 495
Delta R.T. 0.000 min
Lab File: BN016708.D
Acq: 04 Oct 2021 13:28

Tgt Ion:152 Resp: 23014

Ion	Ratio	Lower	Upper
152	100		
150	154.0	123.3	184.9
115	58.7	47.0	70.6

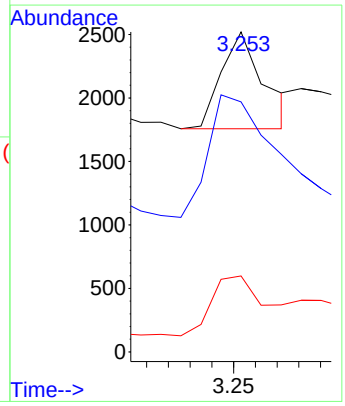




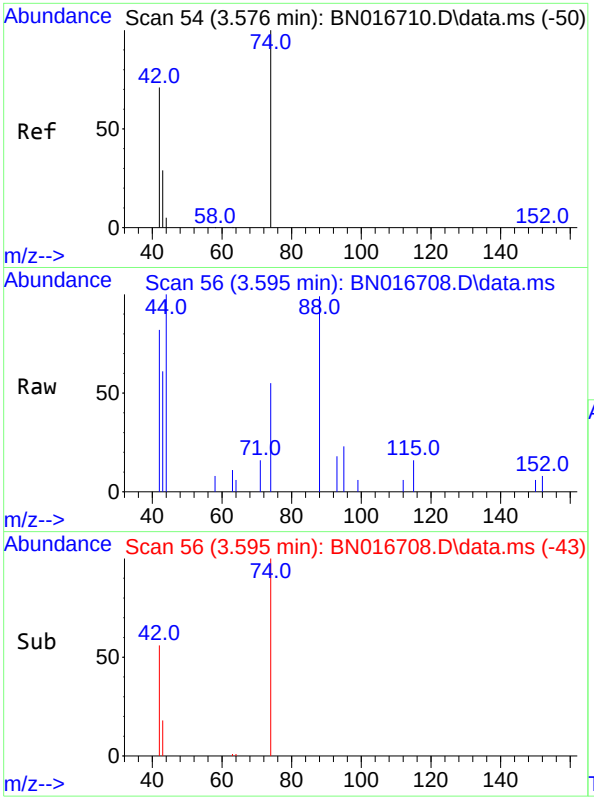
#2
1,4-Dioxane
Concen: 0.10 ng
RT: 3.253 min Scan# 19
Delta R.T. 0.000 min
Lab File: BN016708.D
Acq: 04 Oct 2021 13:28

Tgt Ion: 88 Resp: 1032

Ion	Ratio	Lower	Upper
88	100		
43	176.6	61.7	92.5#
58	65.4	62.2	93.2



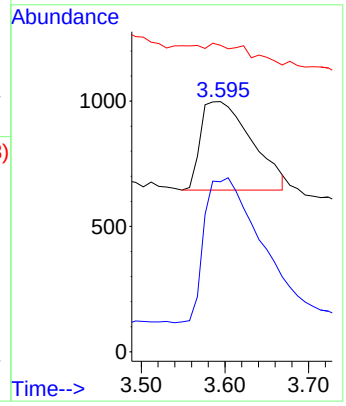
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

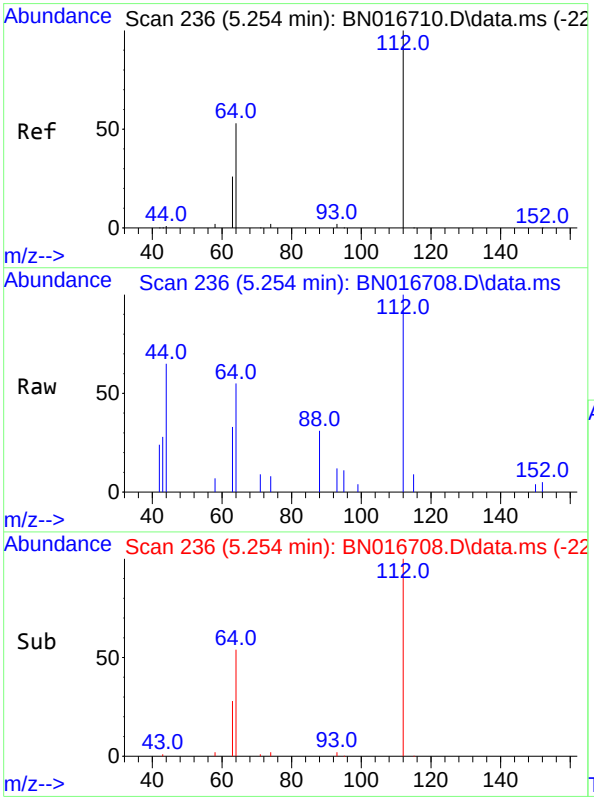


#3
n-Nitrosodimethylamine
Concen: 0.09 ng
RT: 3.595 min Scan# 56
Delta R.T. 0.019 min
Lab File: BN016708.D
Acq: 04 Oct 2021 13:28

Tgt Ion: 42 Resp: 1496

Ion	Ratio	Lower	Upper
42	100		
74	173.1	124.0	186.0
44	0.0	5.6	8.4#

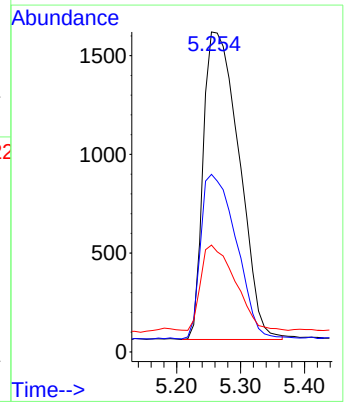




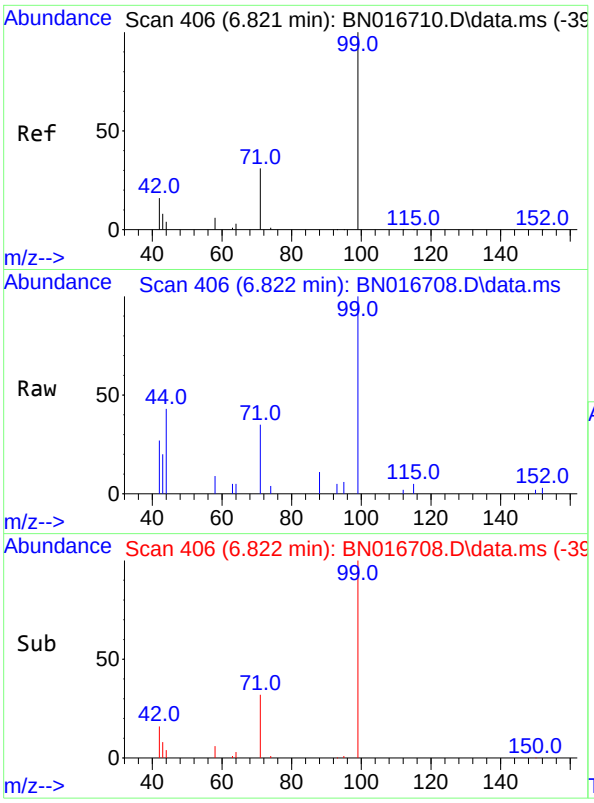
#4
2-Fluorophenol
Concen: 0.10 ng
RT: 5.254 min Scan# 236
Delta R.T. 0.000 min
Lab File: BN016708.D
Acq: 04 Oct 2021 13:28

Tgt Ion:112 Resp: 6048

Ion	Ratio	Lower	Upper
112	100		
64	53.0	42.9	64.3
63	26.4	21.5	32.3



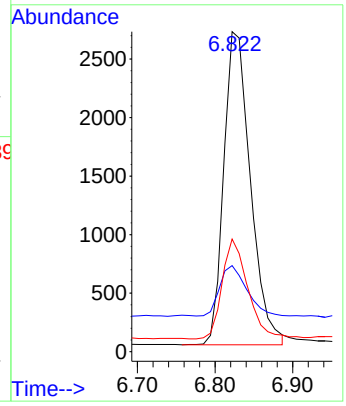
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

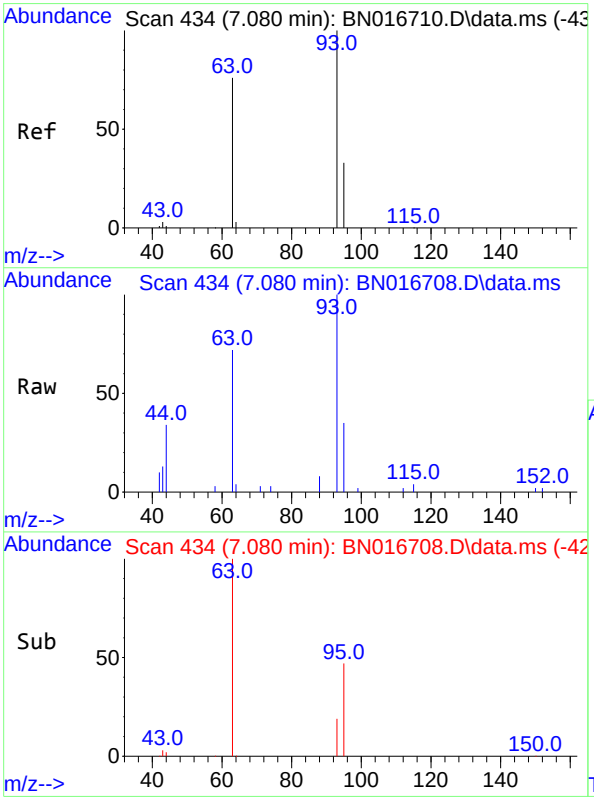


#5
Phenol-d6
Concen: 0.10 ng
RT: 6.822 min Scan# 406
Delta R.T. 0.000 min
Lab File: BN016708.D
Acq: 04 Oct 2021 13:28

Tgt Ion: 99 Resp: 6387

Ion	Ratio	Lower	Upper
99	100		
42	16.3	13.4	20.2
71	30.6	24.0	36.0

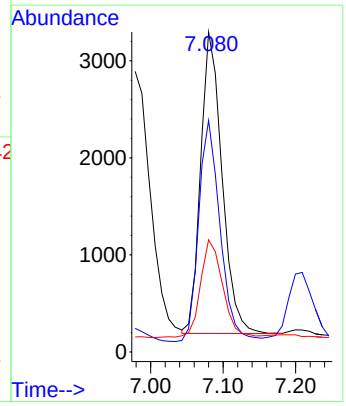




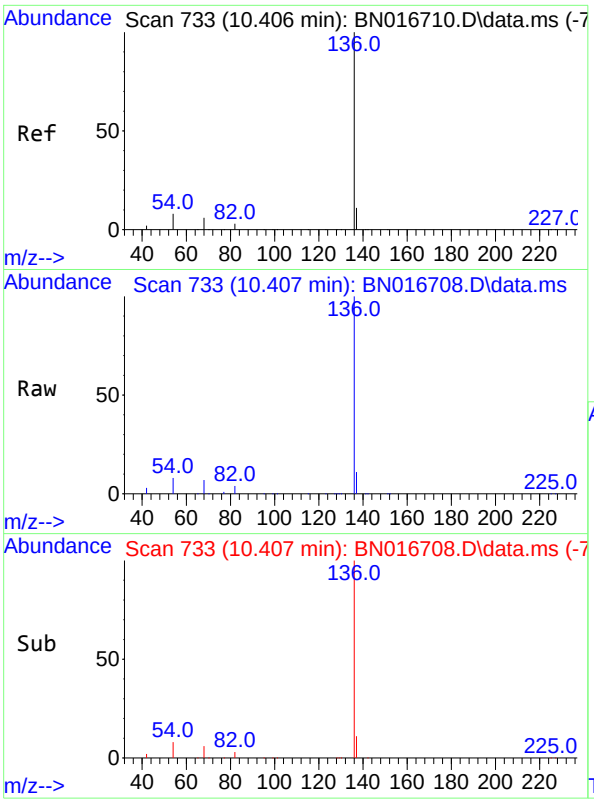
#6
bis(2-Chloroethyl)ether
Concen: 0.10 ng
RT: 7.080 min Scan# 434
Delta R.T. 0.000 min
Lab File: BN016708.D
Acq: 04 Oct 2021 13:28

Tgt Ion: 93 Resp: 6365

Ion	Ratio	Lower	Upper
93	100		
63	73.6	59.0	88.6
95	33.8	26.4	39.6



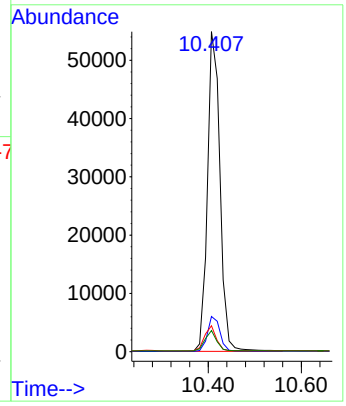
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

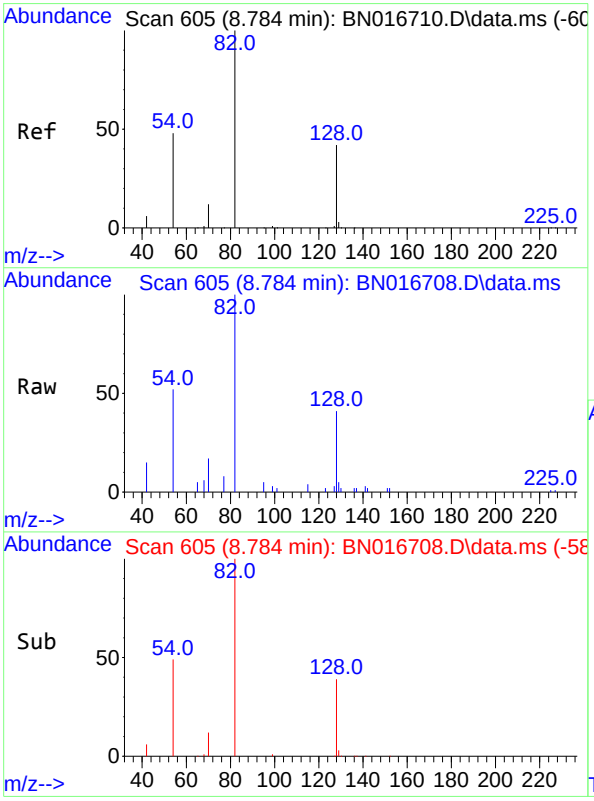


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.407 min Scan# 733
Delta R.T. 0.000 min
Lab File: BN016708.D
Acq: 04 Oct 2021 13:28

Tgt Ion:136 Resp: 102885

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.1	6.5	9.7
68	6.6	5.3	7.9

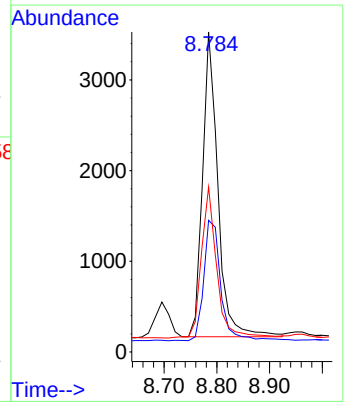




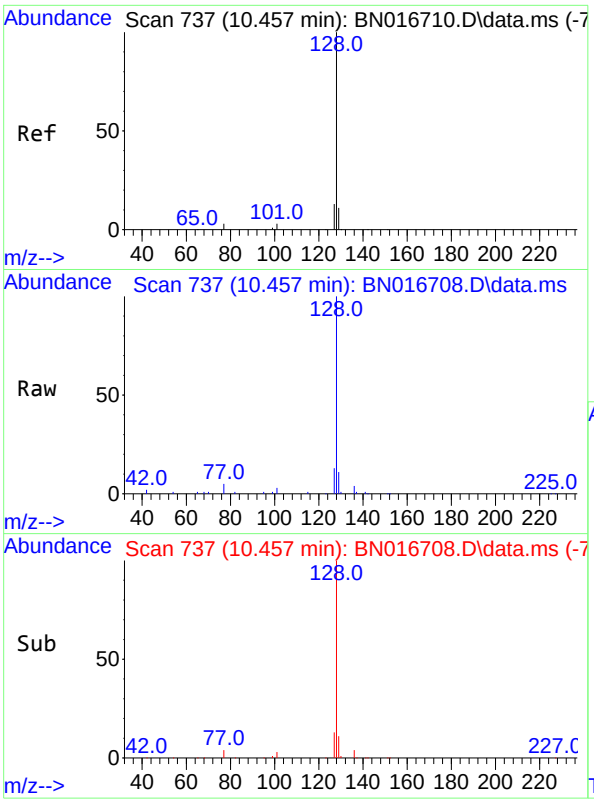
#8
Nitrobenzene-d5
Concen: 0.10 ng
RT: 8.784 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN016708.D
Acq: 04 Oct 2021 13:28

Tgt Ion: 82 Resp: 6792

Ion	Ratio	Lower	Upper
82	100		
128	41.1	33.8	50.6
54	51.5	38.5	57.7



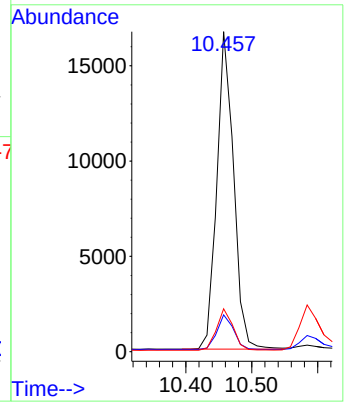
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

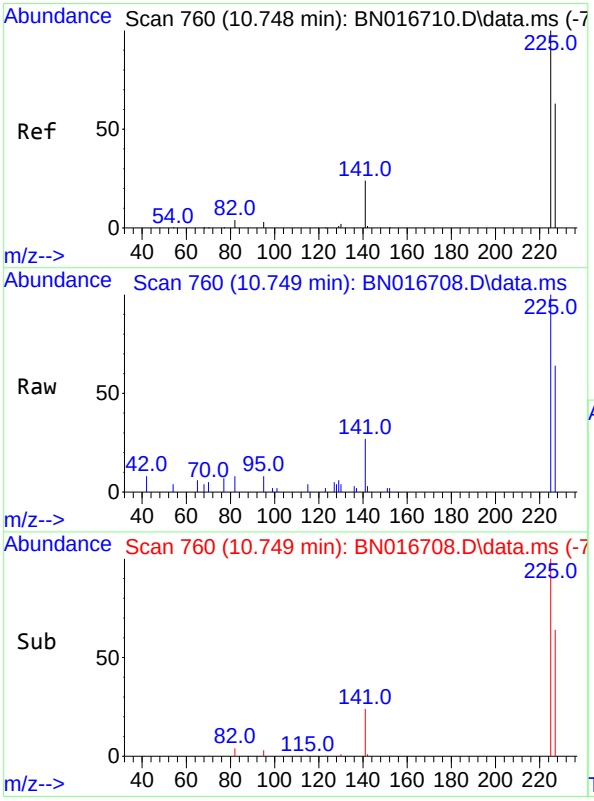


#9
Naphthalene
Concen: 0.11 ng
RT: 10.457 min Scan# 737
Delta R.T. 0.000 min
Lab File: BN016708.D
Acq: 04 Oct 2021 13:28

Tgt Ion:128 Resp: 29483

Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.7	13.1
127	13.4	10.3	15.5

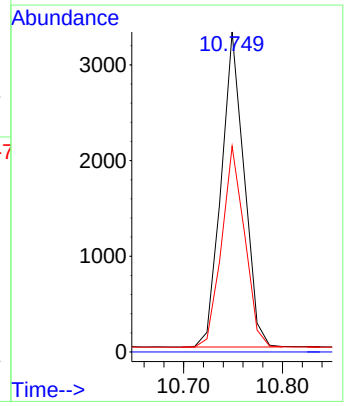




#10
Hexachlorobutadiene
Concen: 0.10 ng
RT: 10.749 min Scan# 760
Delta R.T. 0.000 min
Lab File: BN016708.D
Acq: 04 Oct 2021 13:28

Tgt Ion:225 Resp: 5301

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.1	51.1	76.7



Instrument :
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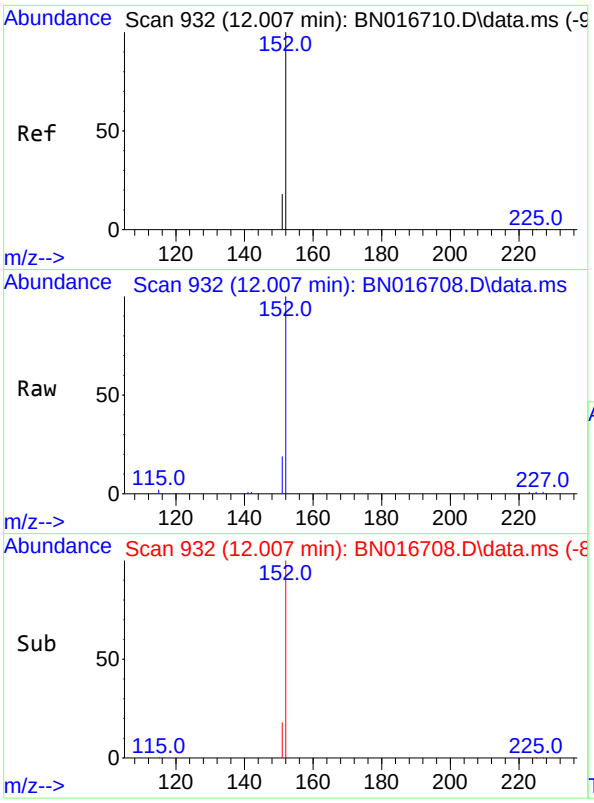
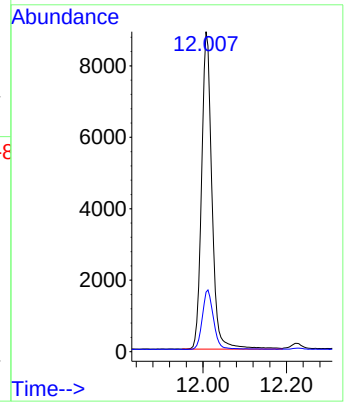
SSTDICC0.1

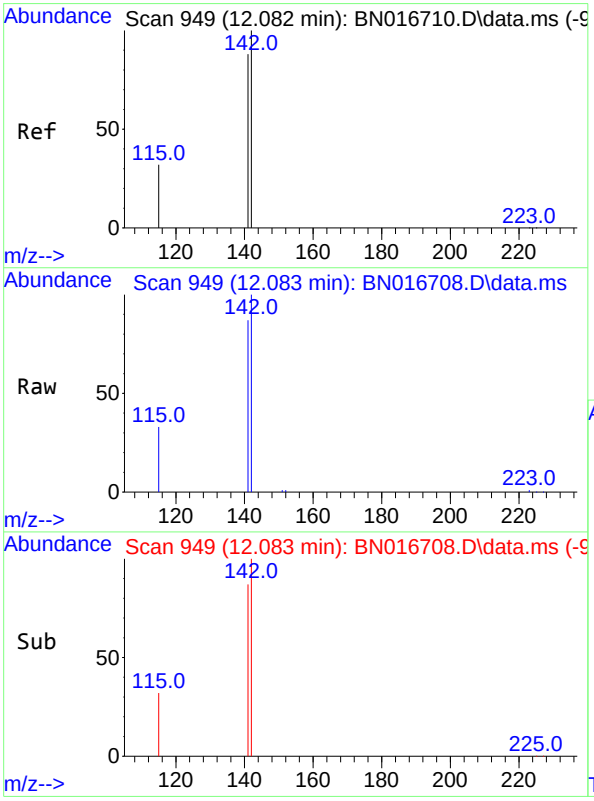


#11
2-Methylnaphthalene-d10
Concen: 0.10 ng
RT: 12.007 min Scan# 932
Delta R.T. 0.000 min
Lab File: BN016708.D
Acq: 04 Oct 2021 13:28

Tgt Ion:152 Resp: 15261

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.2	24.4

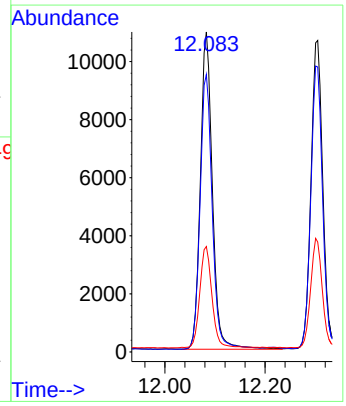




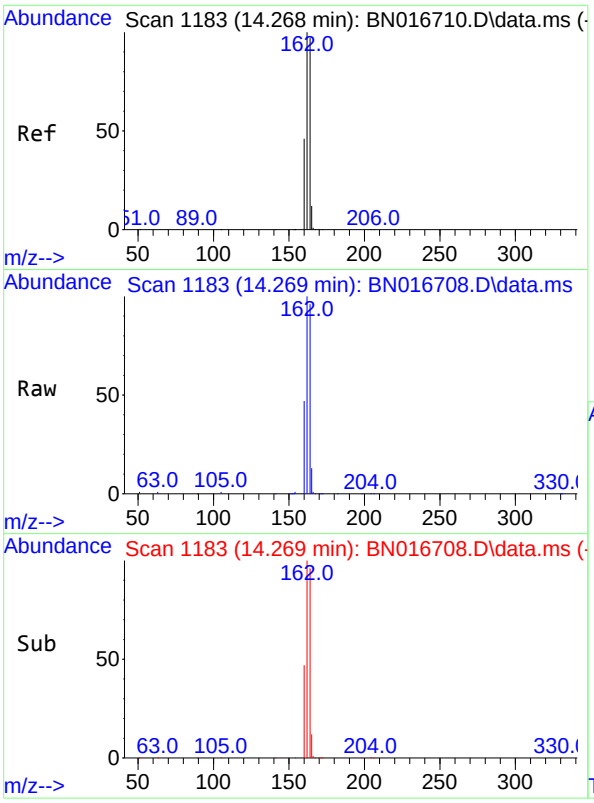
#12
2-Methylnaphthalene
Concen: 0.10 ng
RT: 12.083 min Scan# 949
Delta R.T. 0.000 min
Lab File: BN016708.D
Acq: 04 Oct 2021 13:28

Tgt Ion:142 Resp: 18211

Ion	Ratio	Lower	Upper
142	100		
141	86.7	70.6	106.0
115	33.0	26.1	39.1



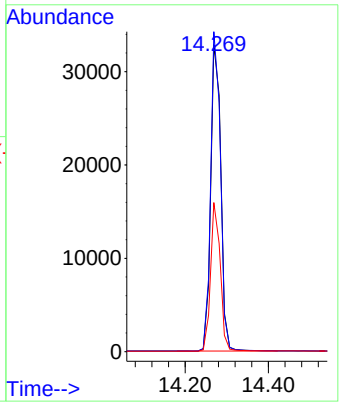
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

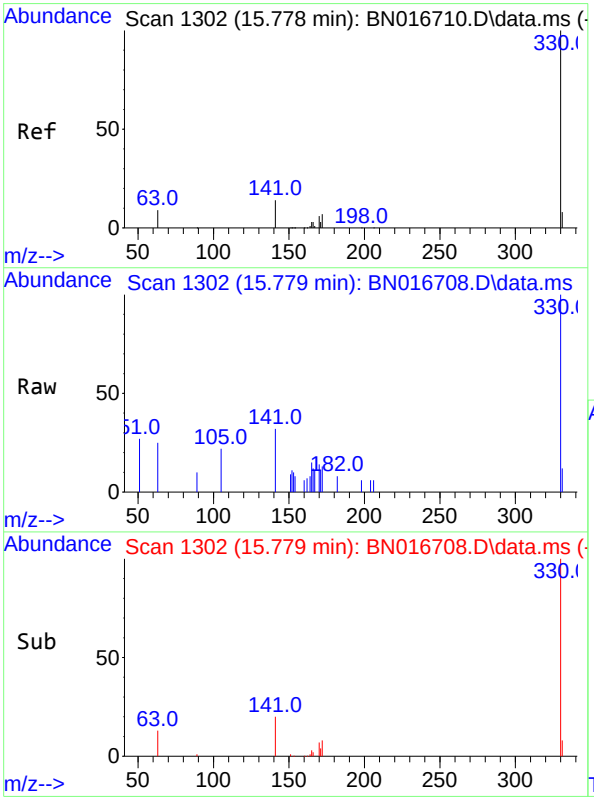


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.269 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BN016708.D
Acq: 04 Oct 2021 13:28

Tgt Ion:164 Resp: 55329

Ion	Ratio	Lower	Upper
164	100		
162	104.2	82.6	124.0
160	48.6	38.2	57.2

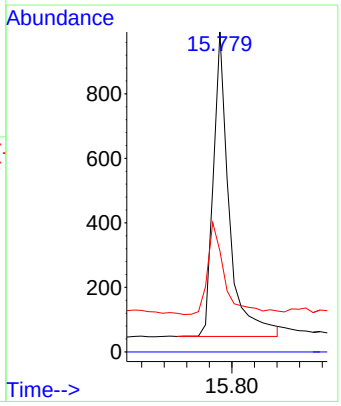




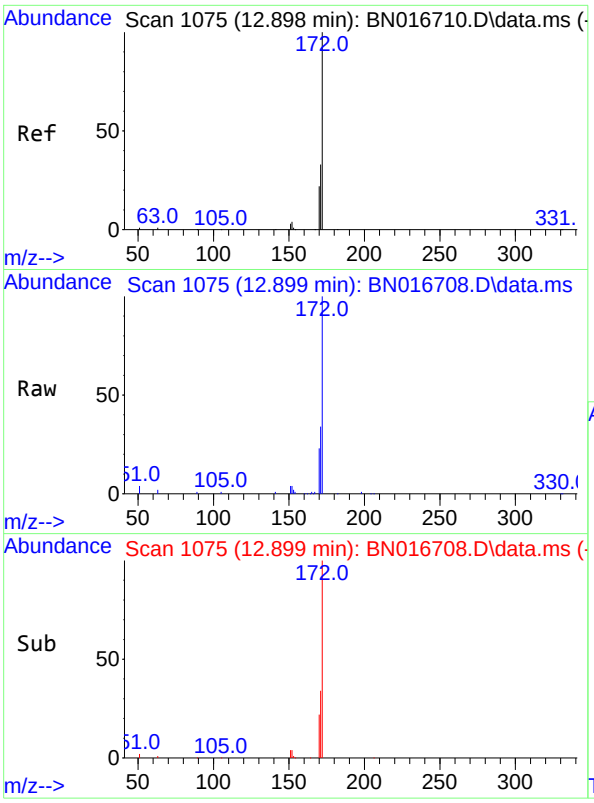
#14
2,4,6-Tribromophenol
Concen: 0.07 ng
RT: 15.779 min Scan# 1302
Delta R.T. 0.000 min
Lab File: BN016708.D
Acq: 04 Oct 2021 13:28

Tgt Ion:330 Resp: 1835

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	32.8	24.2	36.2



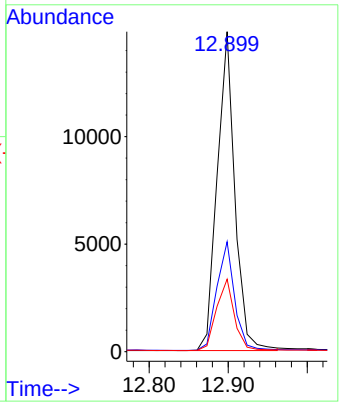
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

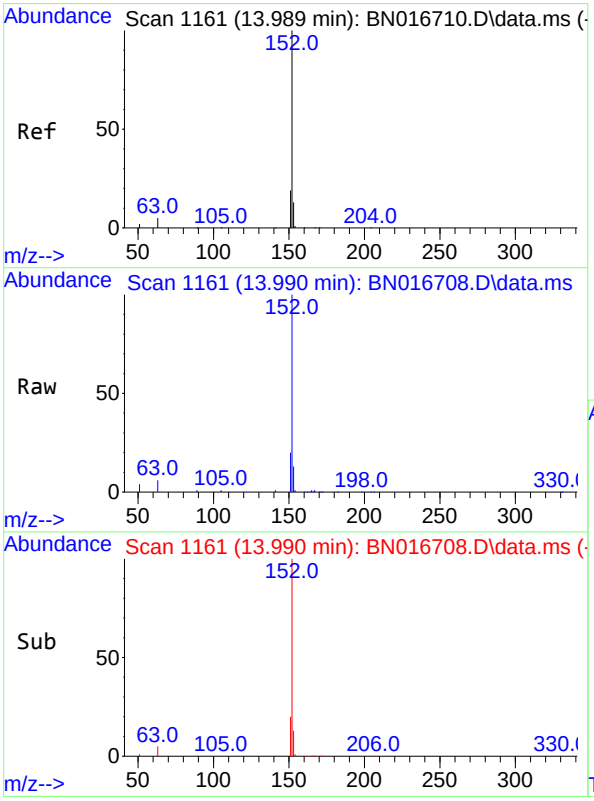


#15
2-Fluorobiphenyl
Concen: 0.10 ng
RT: 12.899 min Scan# 1075
Delta R.T. 0.000 min
Lab File: BN016708.D
Acq: 04 Oct 2021 13:28

Tgt Ion:172 Resp: 23033

Ion	Ratio	Lower	Upper
172	100		
171	34.3	26.9	40.3
170	22.6	17.4	26.0

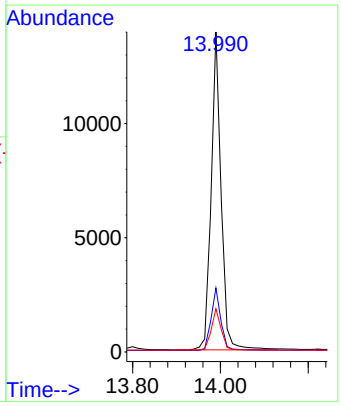




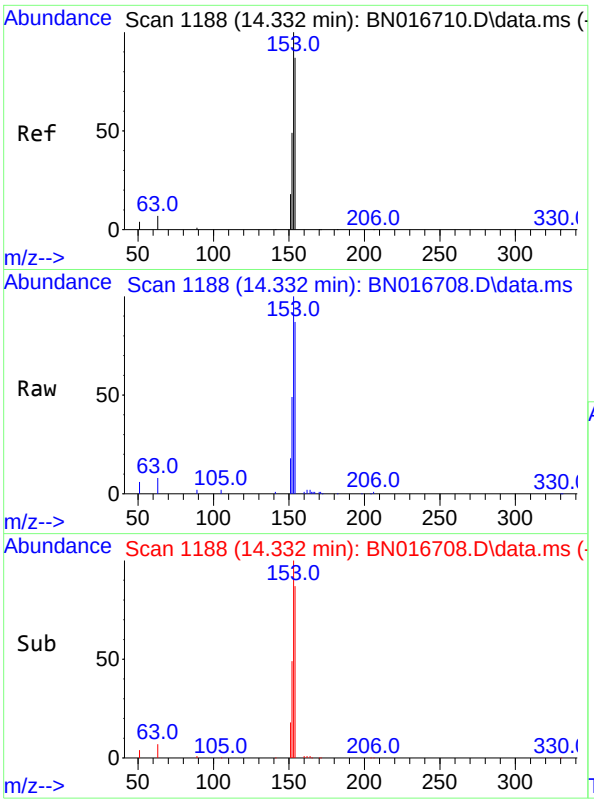
#16
Acenaphthylene
Concen: 0.09 ng
RT: 13.990 min Scan# 1161
Delta R.T. 0.000 min
Lab File: BN016708.D
Acq: 04 Oct 2021 13:28

Tgt Ion:152 Resp: 21725

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.5	23.3
153	13.2	10.4	15.6



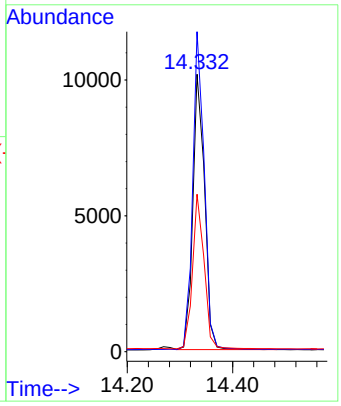
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

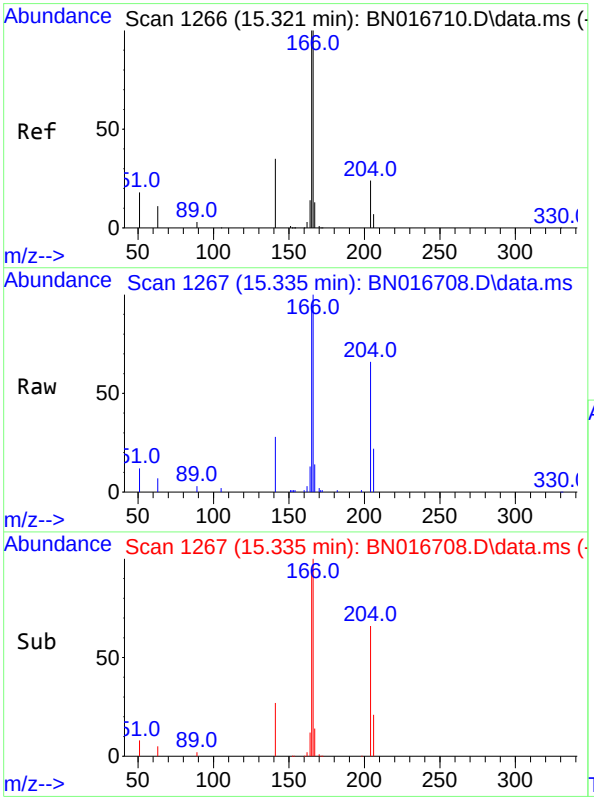


#17
Acenaphthene
Concen: 0.10 ng
RT: 14.332 min Scan# 1188
Delta R.T. 0.000 min
Lab File: BN016708.D
Acq: 04 Oct 2021 13:28

Tgt Ion:154 Resp: 15732

Ion	Ratio	Lower	Upper
154	100		
153	113.4	90.1	135.1
152	55.2	43.6	65.4

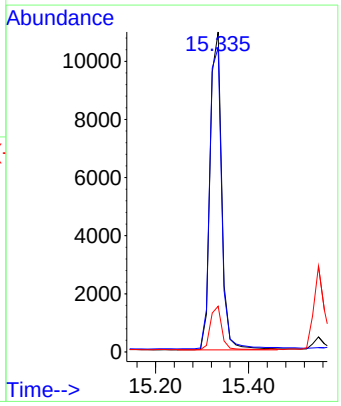




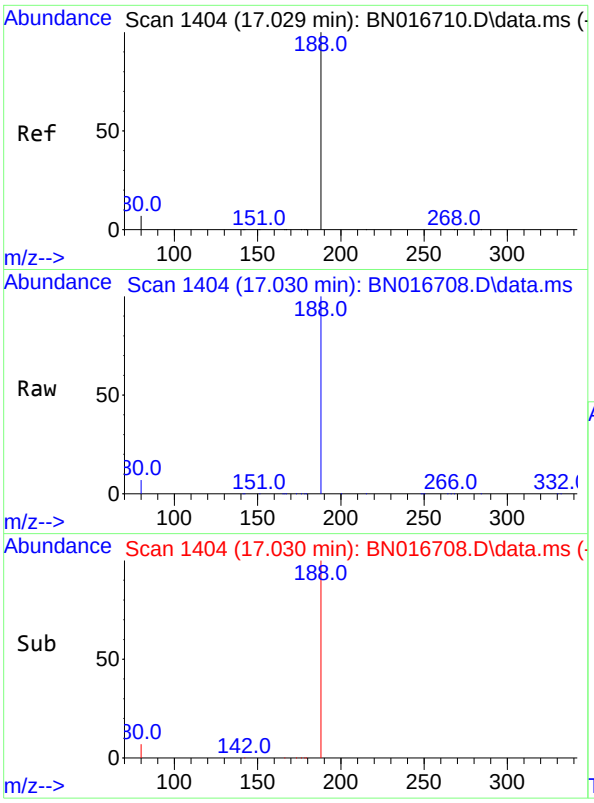
#18
Fluorene
Concen: 0.10 ng
RT: 15.335 min Scan# 1267
Delta R.T. 0.013 min
Lab File: BN016708.D
Acq: 04 Oct 2021 13:28

Tgt Ion:166 Resp: 19003

Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.1	117.1
167	13.5	10.7	16.1



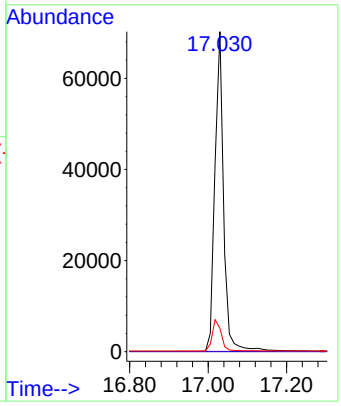
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

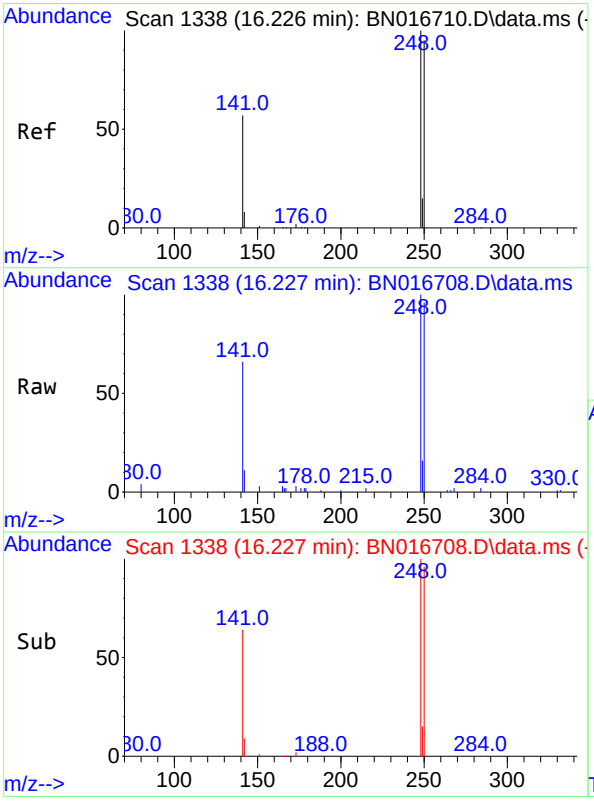


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.030 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BN016708.D
Acq: 04 Oct 2021 13:28

Tgt Ion:188 Resp: 107855

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.3	5.8	8.8

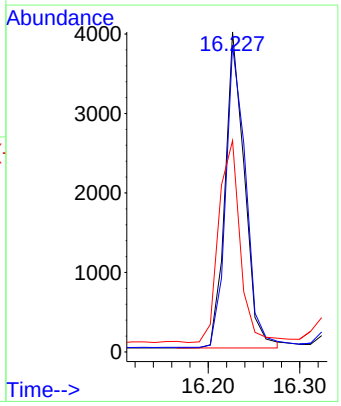




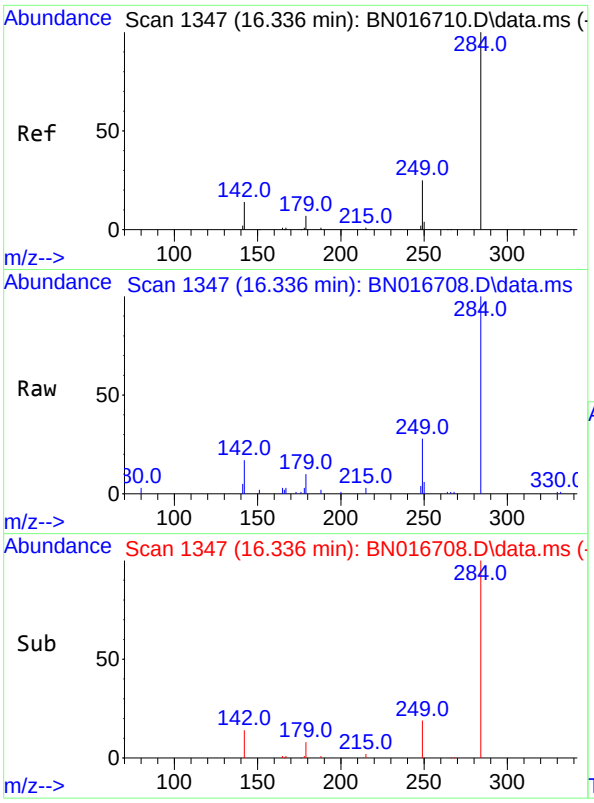
#21
4-Bromophenyl-phenylether
Concen: 0.09 ng
RT: 16.227 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BN016708.D
Acq: 04 Oct 2021 13:28

Tgt Ion:248 Resp: 5850

Ion	Ratio	Lower	Upper
248	100		
250	95.9	76.2	114.4
141	66.1	45.6	68.4



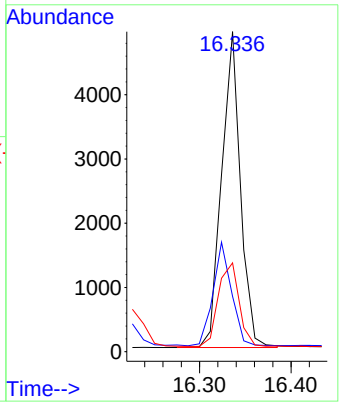
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

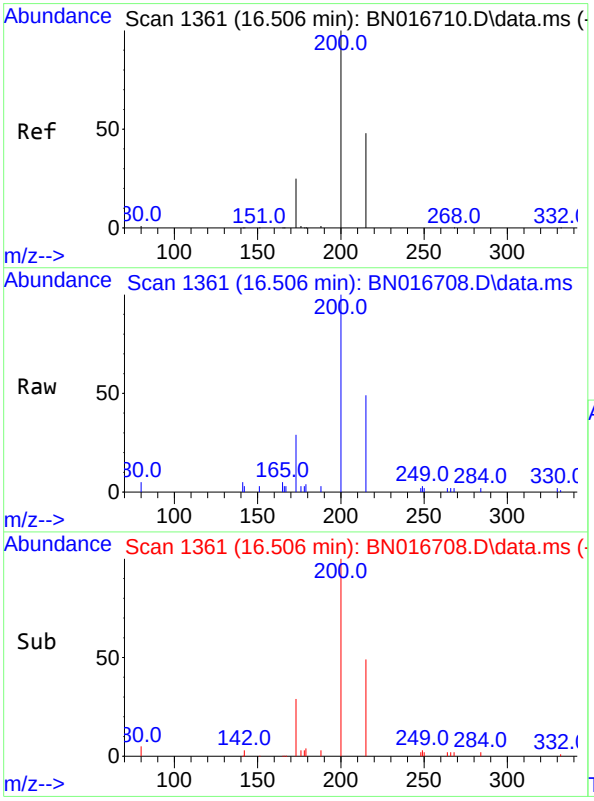


#22
Hexachlorobenzene
Concen: 0.09 ng
RT: 16.336 min Scan# 1347
Delta R.T. 0.000 min
Lab File: BN016708.D
Acq: 04 Oct 2021 13:28

Tgt Ion:284 Resp: 7015

Ion	Ratio	Lower	Upper
284	100		
142	32.3	25.8	38.6
249	29.3	23.3	34.9

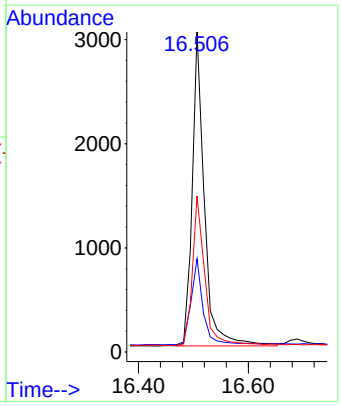




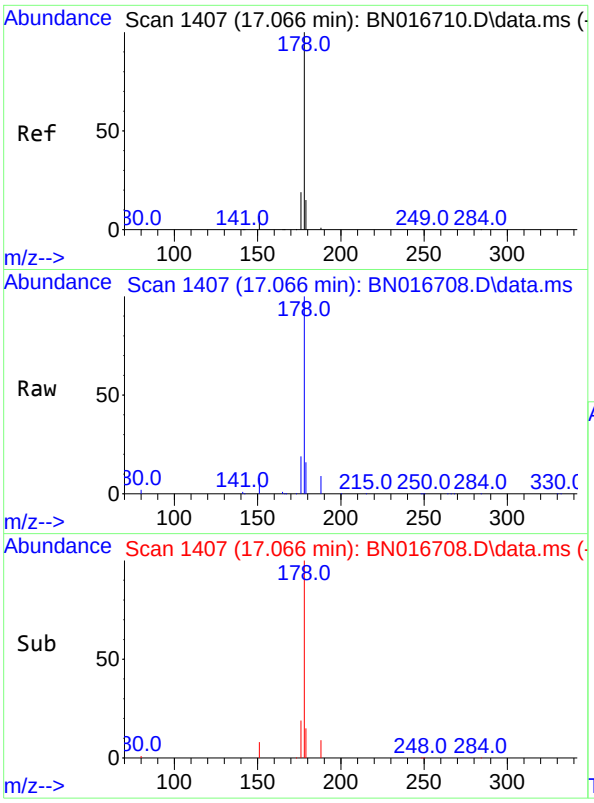
#23
Atrazine
Concen: 0.10 ng
RT: 16.506 min Scan# 1361
Delta R.T. 0.000 min
Lab File: BN016708.D
Acq: 04 Oct 2021 13:28

Tgt Ion:200 Resp: 4653

Ion	Ratio	Lower	Upper
200	100		
173	29.1	20.1	30.1
215	48.7	38.8	58.2



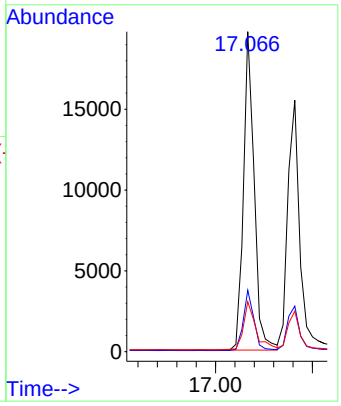
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

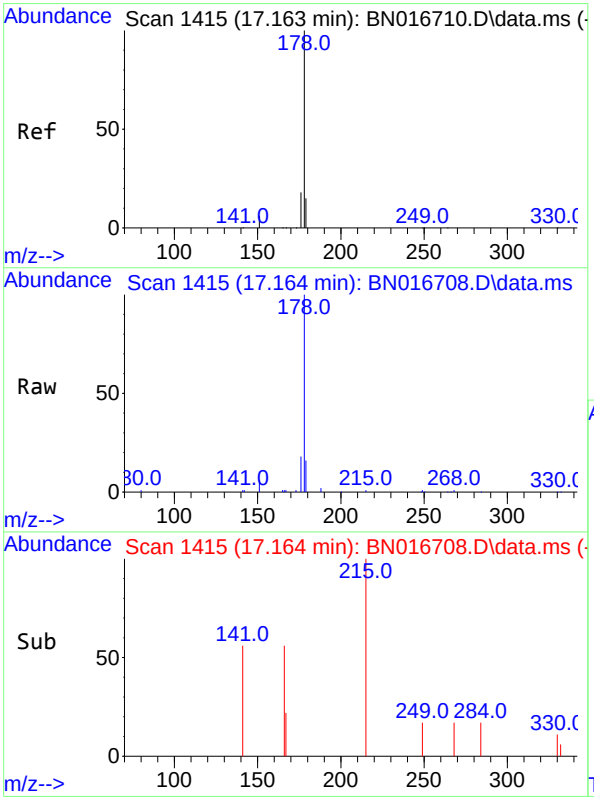


#25
Phenanthrene
Concen: 0.09 ng
RT: 17.066 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BN016708.D
Acq: 04 Oct 2021 13:28

Tgt Ion:178 Resp: 30382

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.6
179	17.5	12.4	18.6

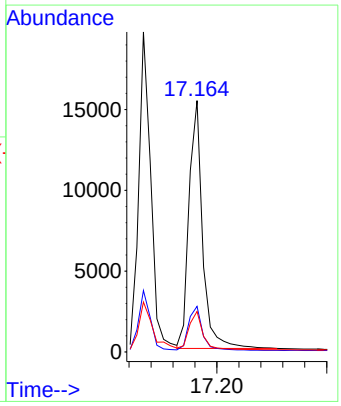




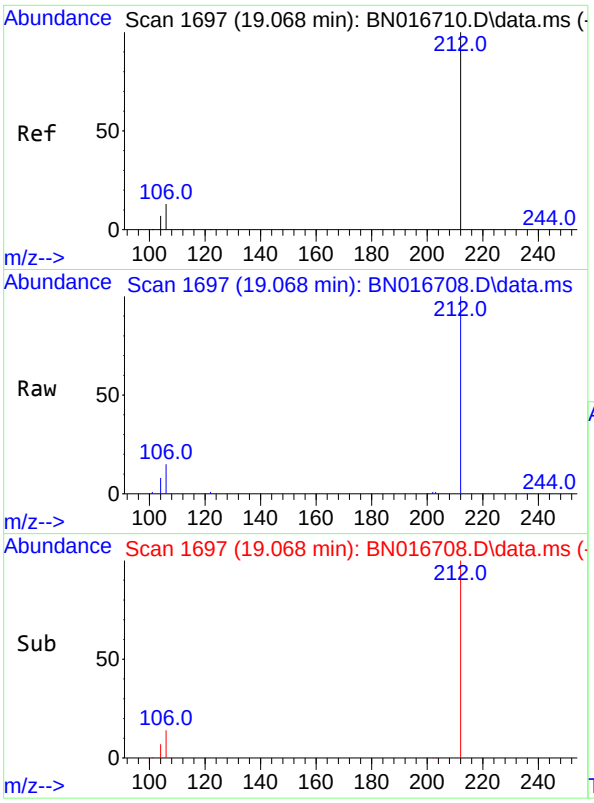
#26
Anthracene
Concen: 0.09 ng
RT: 17.164 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BN016708.D
Acq: 04 Oct 2021 13:28

Tgt Ion:178 Resp: 26381

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.5	21.7
179	15.7	12.2	18.4



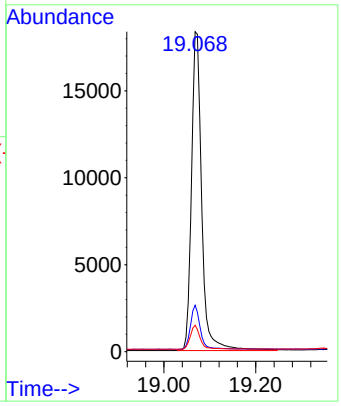
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

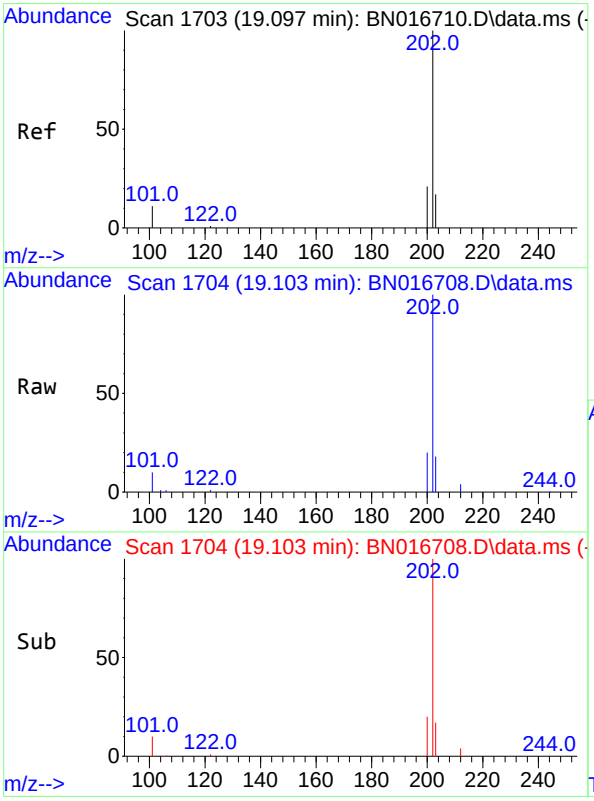


#27
Fluoranthene-d10
Concen: 0.10 ng
RT: 19.068 min Scan# 1697
Delta R.T. 0.000 min
Lab File: BN016708.D
Acq: 04 Oct 2021 13:28

Tgt Ion:212 Resp: 28391

Ion	Ratio	Lower	Upper
212	100		
106	13.3	10.6	16.0
104	7.3	5.8	8.8

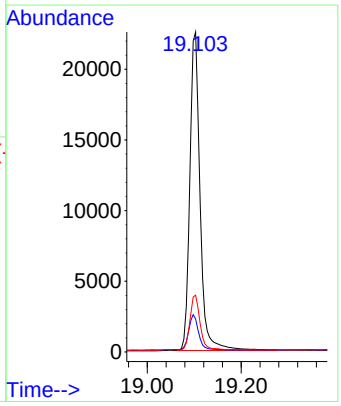




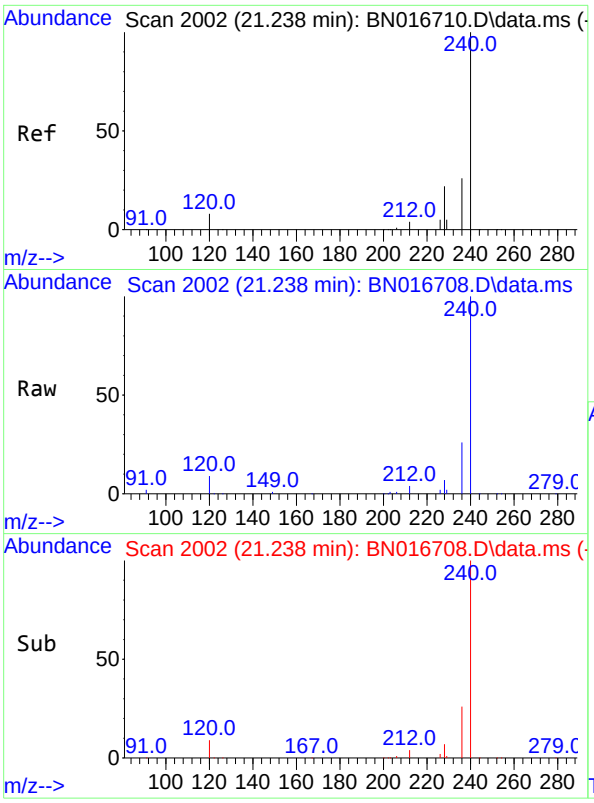
#28
Fluoranthene
Concen: 0.10 ng
RT: 19.103 min Scan# 1704
Delta R.T. 0.005 min
Lab File: BN016708.D
Acq: 04 Oct 2021 13:28

Tgt Ion:202 Resp: 34251

Ion	Ratio	Lower	Upper
202	100		
101	10.6	8.9	13.3
203	17.1	13.8	20.8



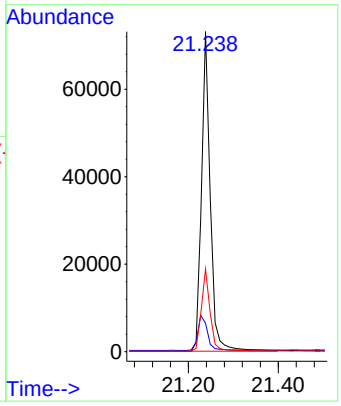
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

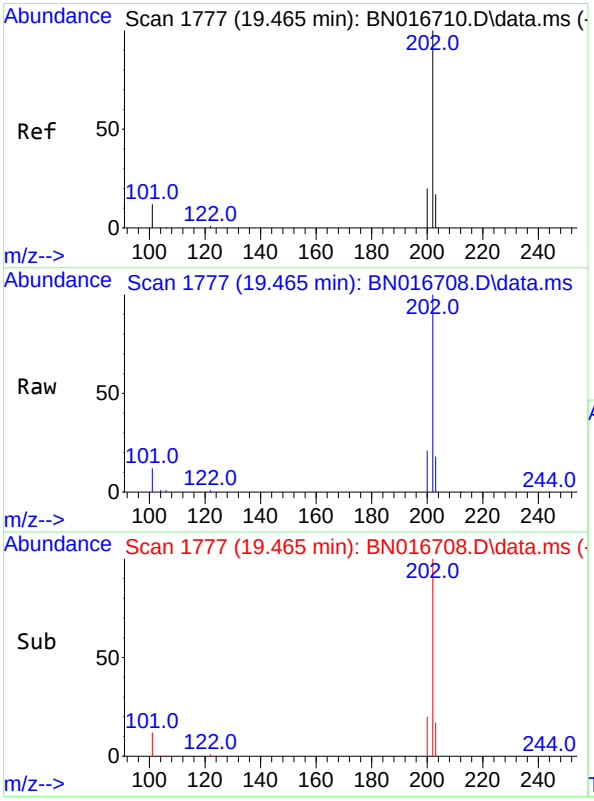


#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.238 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BN016708.D
Acq: 04 Oct 2021 13:28

Tgt Ion:240 Resp: 98790

Ion	Ratio	Lower	Upper
240	100		
120	8.9	6.6	10.0
236	25.9	20.7	31.1

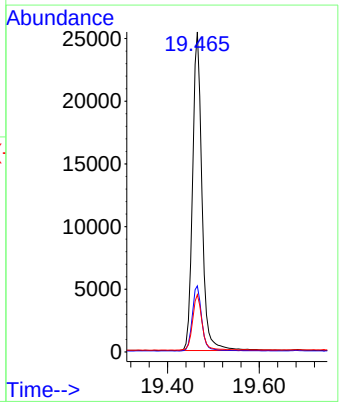




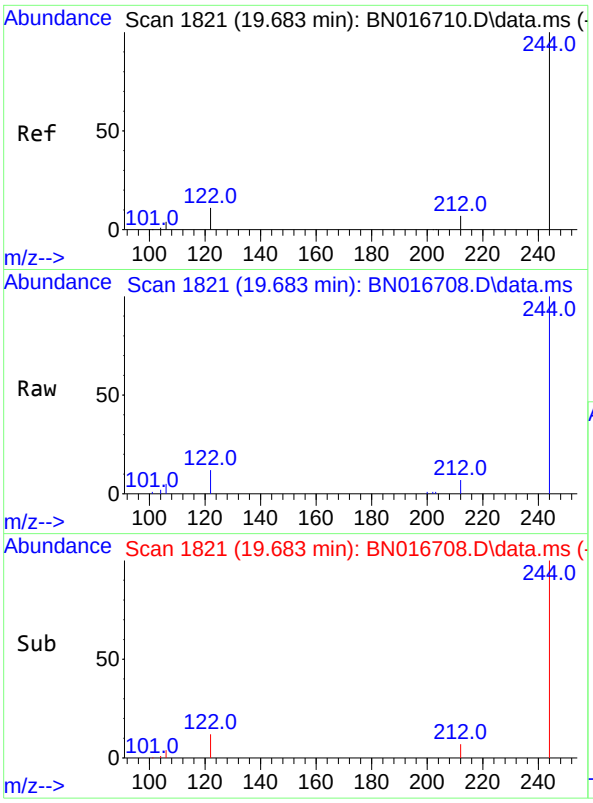
#30
Pyrene
Concen: 0.11 ng
RT: 19.465 min Scan# 1777
Delta R.T. 0.000 min
Lab File: BN016708.D
Acq: 04 Oct 2021 13:28

Tgt Ion:202 Resp: 36223

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.5	24.7
203	17.5	13.9	20.9



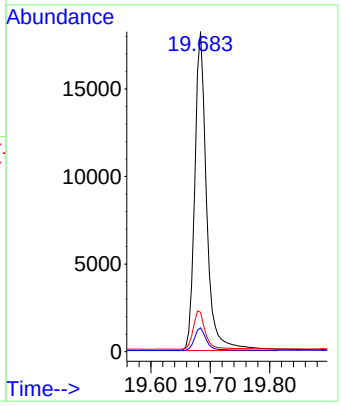
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

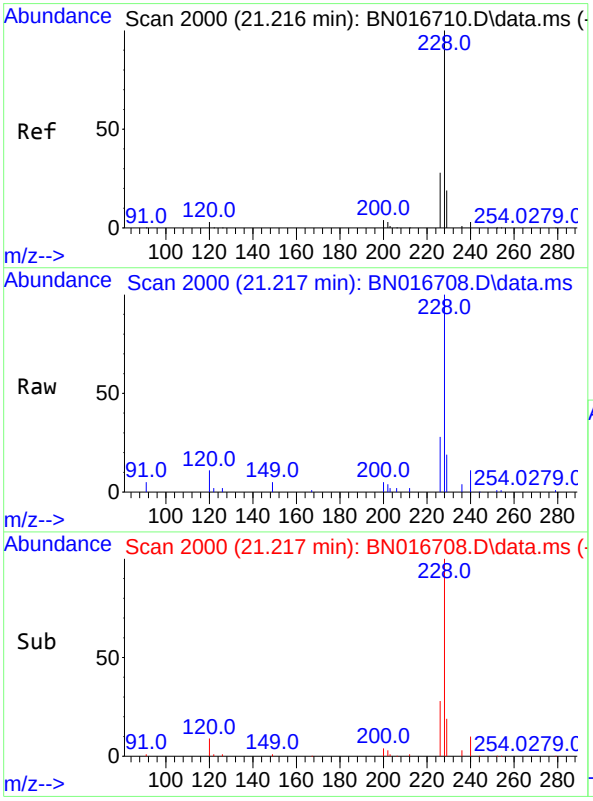


#31
Terphenyl-d14
Concen: 0.12 ng
RT: 19.683 min Scan# 1821
Delta R.T. 0.000 min
Lab File: BN016708.D
Acq: 04 Oct 2021 13:28

Tgt Ion:244 Resp: 25294

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.6
122	12.3	8.9	13.3

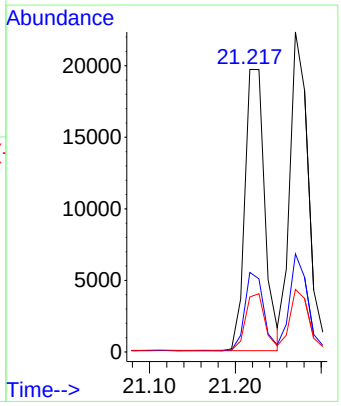




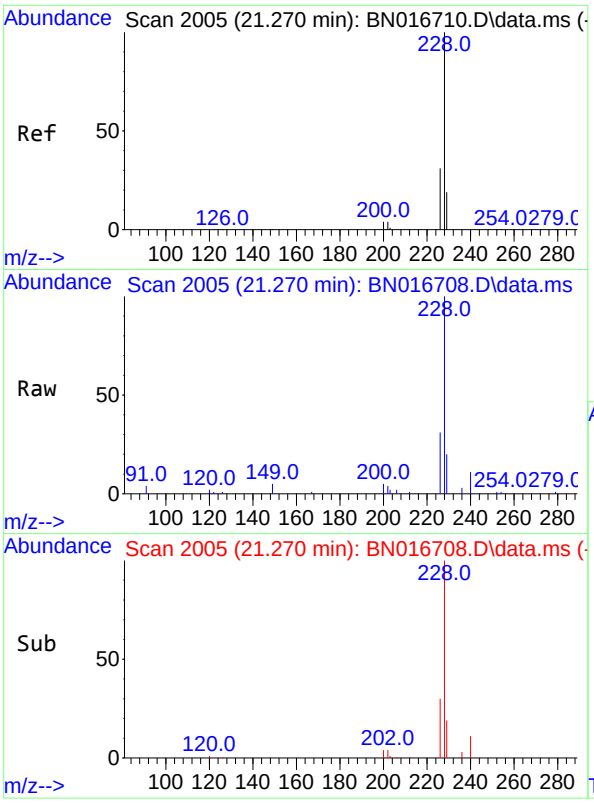
#32
Benzo(a)anthracene
Concen: 0.10 ng
RT: 21.217 min Scan# 2000
Delta R.T. 0.000 min
Lab File: BN016708.D
Acq: 04 Oct 2021 13:28

Tgt Ion:228 Resp: 31632

Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.3	33.5
229	19.5	15.4	23.0



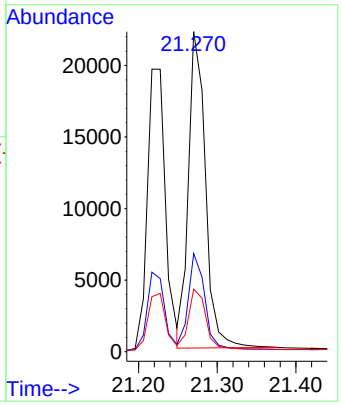
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

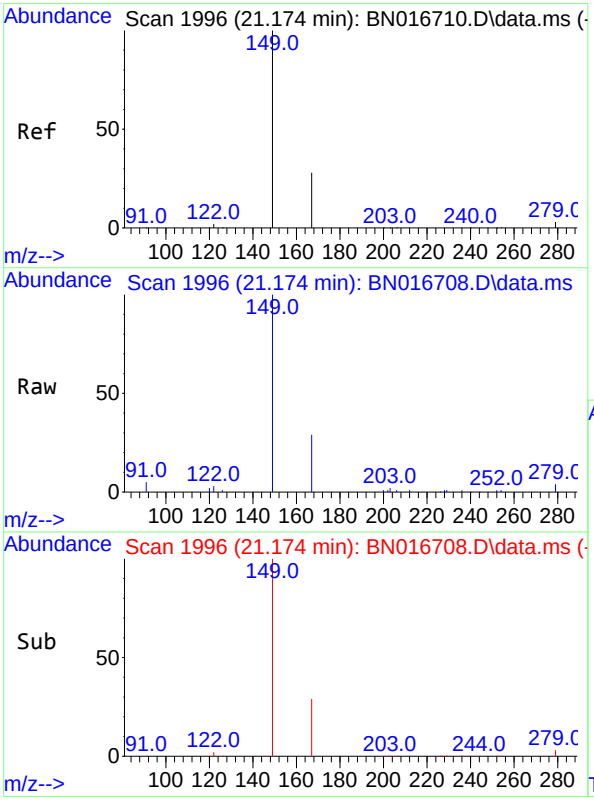


#33
Chrysene
Concen: 0.11 ng
RT: 21.270 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BN016708.D
Acq: 04 Oct 2021 13:28

Tgt Ion:228 Resp: 33187

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.2	36.4
229	19.6	15.4	23.0

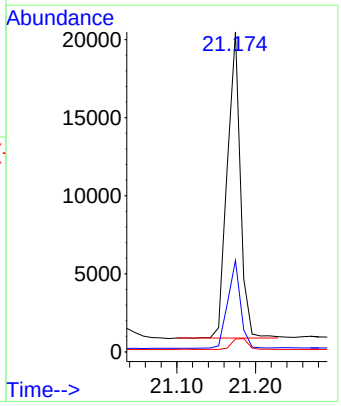




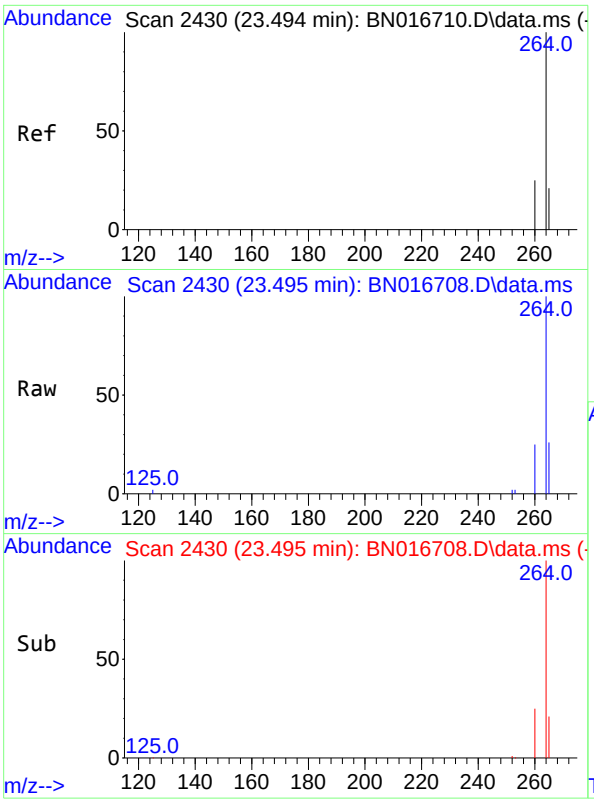
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.19 ng
RT: 21.174 min Scan# 1996
Delta R.T. 0.000 min
Lab File: BN016708.D
Acq: 04 Oct 2021 13:28

Tgt Ion:149 Resp: 22619

Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.2	33.4
279	4.4	3.4	5.2



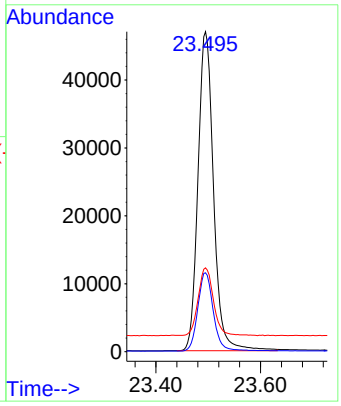
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

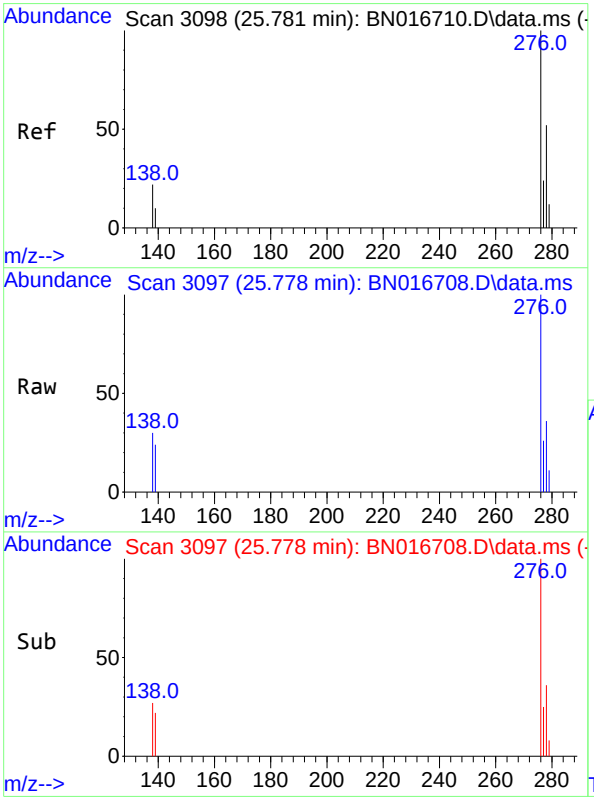


#35
Perylene-d12
Concen: 0.40 ng
RT: 23.495 min Scan# 2430
Delta R.T. 0.000 min
Lab File: BN016708.D
Acq: 04 Oct 2021 13:28

Tgt Ion:264 Resp: 97016

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.8	29.6
265	26.2	20.3	30.5

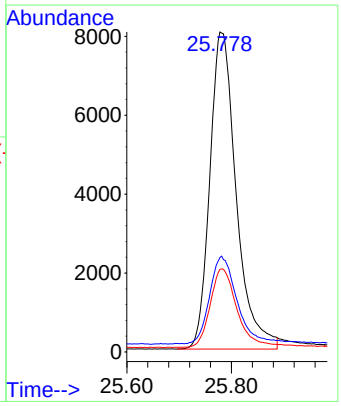




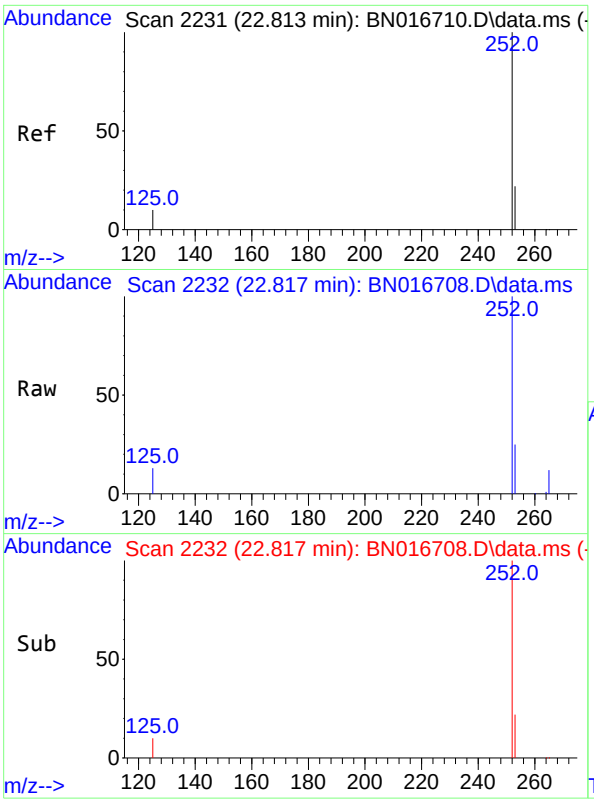
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.08 ng
RT: 25.778 min Scan# 3097
Delta R.T. -0.003 min
Lab File: BN016708.D
Acq: 04 Oct 2021 13:28

Tgt Ion:276 Resp: 28133

Ion	Ratio	Lower	Upper
276	100		
138	28.4	19.2	28.8
277	25.0	20.0	30.0



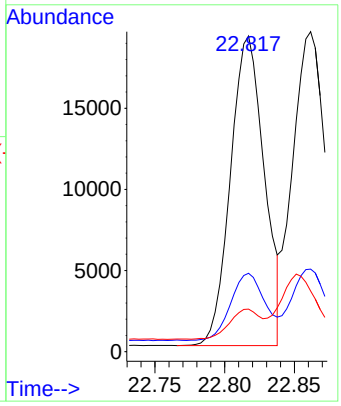
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

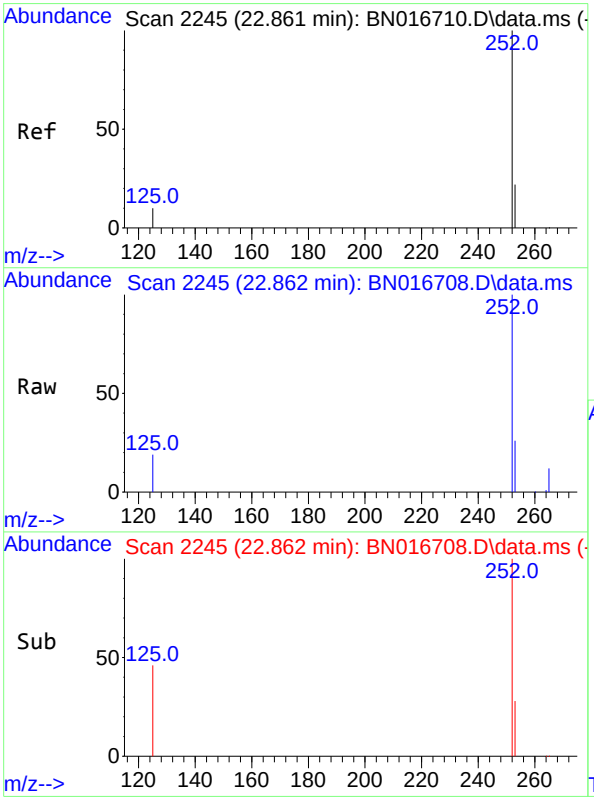


#37
Benzo(b)fluoranthene
Concen: 0.10 ng
RT: 22.817 min Scan# 2232
Delta R.T. 0.004 min
Lab File: BN016708.D
Acq: 04 Oct 2021 13:28

Tgt Ion:252 Resp: 32104

Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.8	26.8
125	13.5	8.3	12.5#

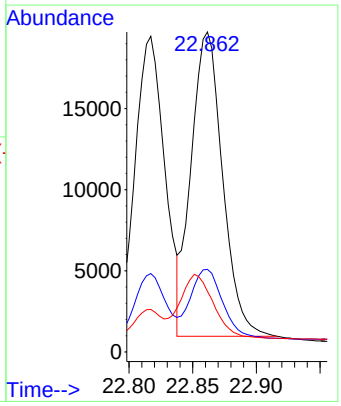




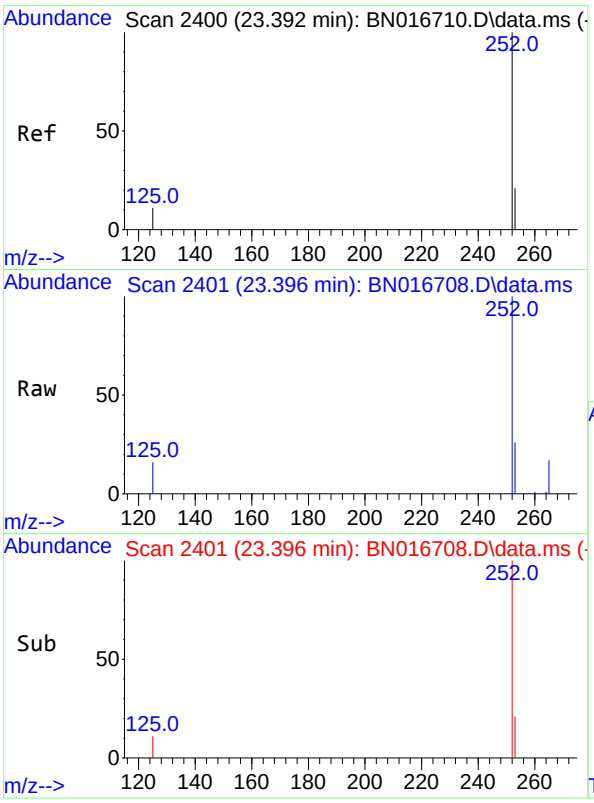
#38
Benzo(k)fluoranthene
Concen: 0.10 ng
RT: 22.862 min Scan# 2245
Delta R.T. 0.000 min
Lab File: BN016708.D
Acq: 04 Oct 2021 13:28

Tgt Ion:252 Resp: 32217

Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.8	26.8
125	18.9	8.5	12.7#



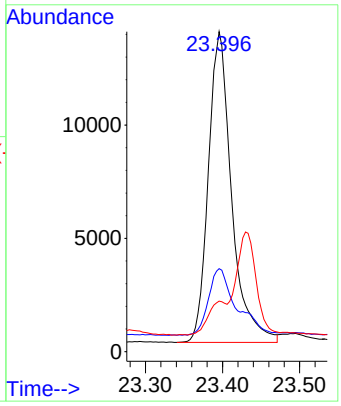
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

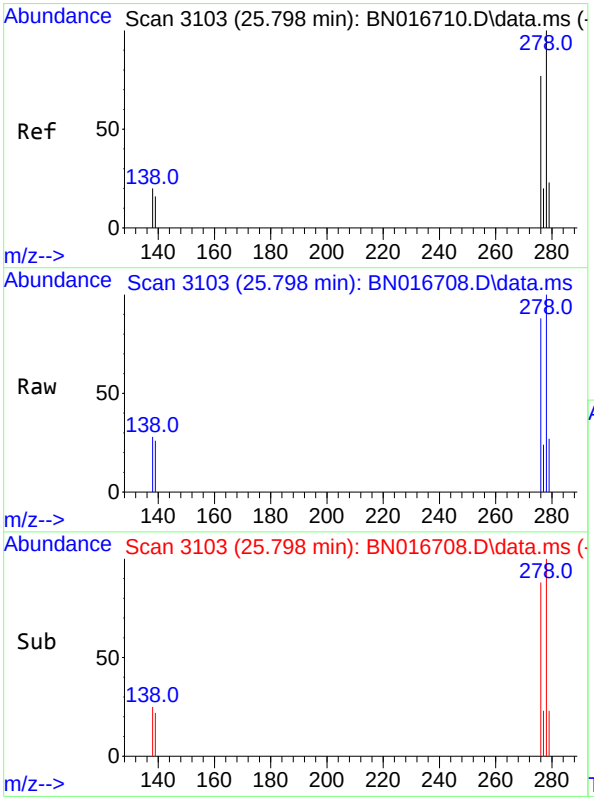


#39
Benzo(a)pyrene
Concen: 0.10 ng
RT: 23.396 min Scan# 2401
Delta R.T. 0.004 min
Lab File: BN016708.D
Acq: 04 Oct 2021 13:28

Tgt Ion:252 Resp: 28717

Ion	Ratio	Lower	Upper
252	100		
253	25.9	17.9	26.9
125	15.8	9.4	14.2#

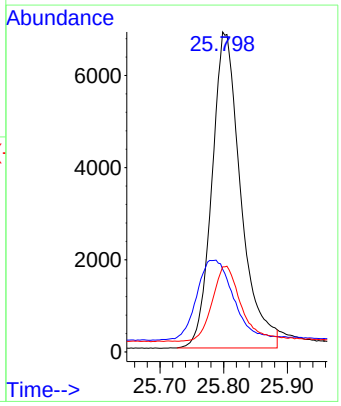


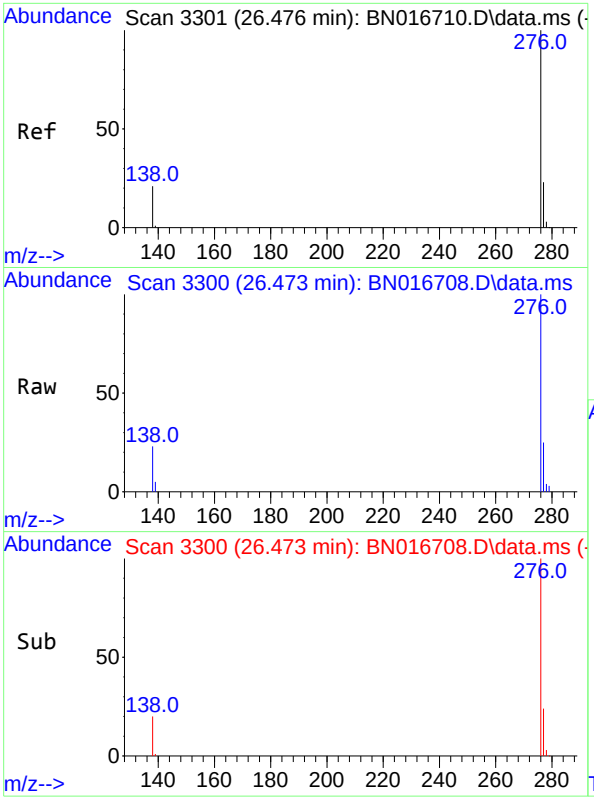


#40
Dibenzo(a,h)anthracene
Concen: 0.08 ng
RT: 25.798 min Scan# 3103
Delta R.T. 0.000 min
Lab File: BN016708.D
Acq: 04 Oct 2021 13:28

Tgt Ion:278 Resp: 21571

Ion	Ratio	Lower	Upper
278	100		
139	25.9	13.1	19.7#
279	26.6	19.3	28.9

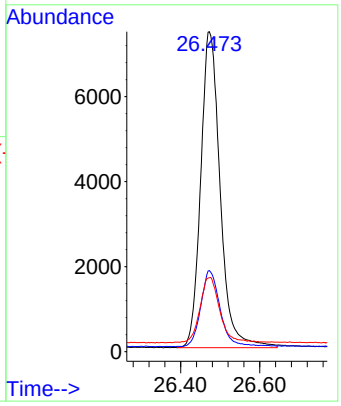




#41
Benzo(g,h,i)perylene
Concen: 0.08 ng
RT: 26.473 min Scan# 3300
Delta R.T. -0.003 min
Lab File: BN016708.D
Acq: 04 Oct 2021 13:28

Tgt Ion:276 Resp: 25417

Ion	Ratio	Lower	Upper
276	100		
277	25.4	19.0	28.4
138	23.1	17.0	25.6



Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1