Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091721\
Data File : BN016320.D
Acq On : 18 Sep 2021 06:08
Operator : CG/JU
Sample : PB139177BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB139177BS

Quant Time: Sep 18 06:39:19 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 17 23:59:14 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.689	152	23820	0.400	ng	0.00
7) Naphthalene-d8	10.457	136	110069	0.400	ng	0.00
13) Acenaphthene-d10	14.307	164	59144	0.400	ng	0.00
19) Phenanthrene-d10	17.054	188	110961	0.400	ng	#-0.01
29) Chrysene-d12	21.259	240	114874	0.400	ng	0.00
35) Perylene-d12	23.526	264	113946	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.337	112	21612	0.362	ng	0.04
5) Phenol-d6	6.877	99	24980	0.345	ng	0.00
8) Nitrobenzene-d5	8.822	82	23438	0.358	ng	-0.01
11) 2-Methylnaphthalene-d10	12.047	152	68079	0.393	ng	0.00
14) 2,4,6-Tribromophenol	15.804	330	6128	0.353	ng	0.00
15) 2-Fluorobiphenyl	12.937	172	84771	0.366	ng	0.00
27) Fluoranthene-d10	19.098	212	115759	0.360	ng	0.00
31) Terphenyl-d14	19.708	244	101686	0.382	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.327	88	6469	0.653	ng	# 90
3) n-Nitrosodimethylamine	3.631	42	8950	0.395	ng	# 75
6) bis(2-Chloroethyl)ether	7.126	93	25454	0.394	ng	94
9) Naphthalene	10.508	128	104861	0.354	ng	100
10) Hexachlorobutadiene	10.800	225	20004	0.355	ng	# 99
12) 2-Methylnaphthalene	12.123	142	71050	0.361	ng	99
16) Acenaphthylene	14.028	152	90172	0.328	ng	99
17) Acenaphthene	14.370	154	59669	0.350	ng	100
18) Fluorene	15.360	166	73700	0.348	ng	99
20) 4,6-Dinitro-2-methylph...	15.449	198	2082	0.501	ng	# 68
21) 4-Bromophenyl-phenylether	16.263	248	22632	0.349	ng	98
22) Hexachlorobenzene	16.360	284	22292	0.364	ng	# 90
23) Atrazine	16.543	200	17795	0.299	ng	98
24) Pentachlorophenol	16.713	266	15600	0.755	ng	98
25) Phenanthrene	17.103	178	113281	0.361	ng	99
26) Anthracene	17.188	178	104001	0.342	ng	99
28) Fluoranthene	19.127	202	129053	0.357	ng	99
30) Pyrene	19.490	202	131553	0.362	ng	99
32) Benzo(a)anthracene	21.238	228	132845	0.360	ng	97
33) Chrysene	21.291	228	133133	0.373	ng	98
34) Bis(2-ethylhexyl)phtha...	21.196	149	58035	0.292	ng	98
36) Indeno(1,2,3-cd)pyrene	25.819	276	148879	0.405	ng	99
37) Benzo(b)fluoranthene	22.841	252	138103	0.382	ng	99
38) Benzo(k)fluoranthene	22.885	252	137758	0.396	ng	99
39) Benzo(a)pyrene	23.423	252	129533	0.396	ng	97
40) Dibenzo(a,h)anthracene	25.843	278	126938	0.406	ng	95
41) Benzo(g,h,i)perylene	26.524	276	124401	0.400	ng	95

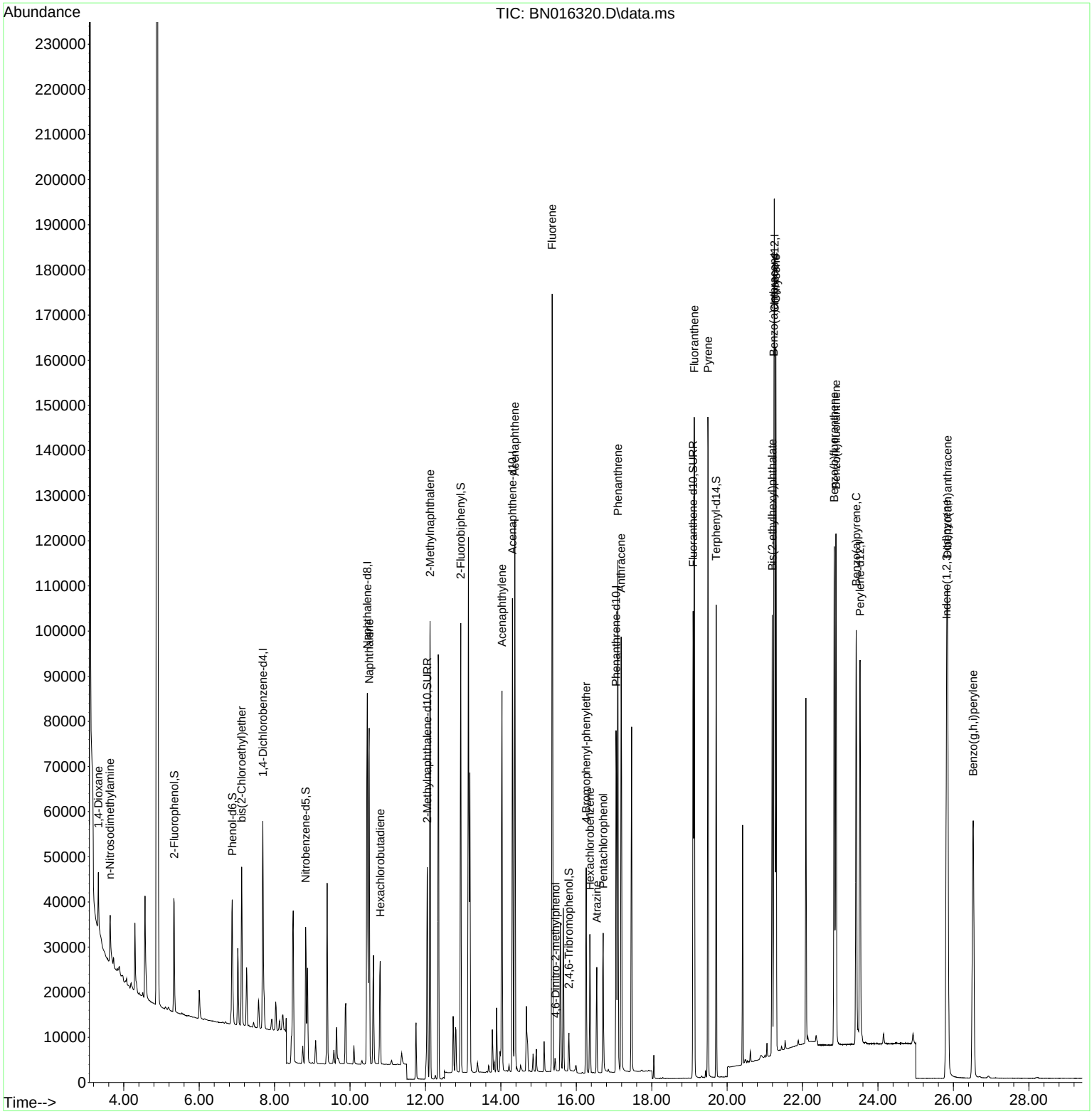
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

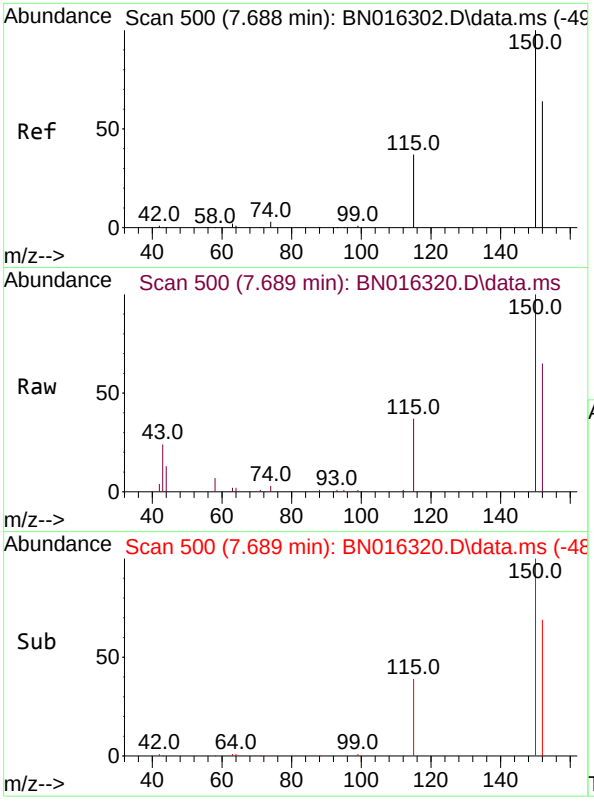
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091721\
Data File : BN016320.D
Acq On : 18 Sep 2021 06:08
Operator : CG/JU
Sample : PB139177BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB139177BS

Quant Time: Sep 18 06:39:19 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 17 23:59:14 2021
Response via : Initial Calibration



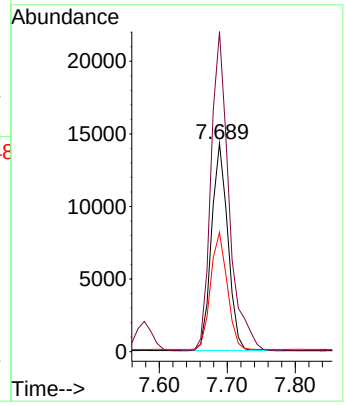
Instrument :
BNA_N
ClientSampleId :
PB139177BS

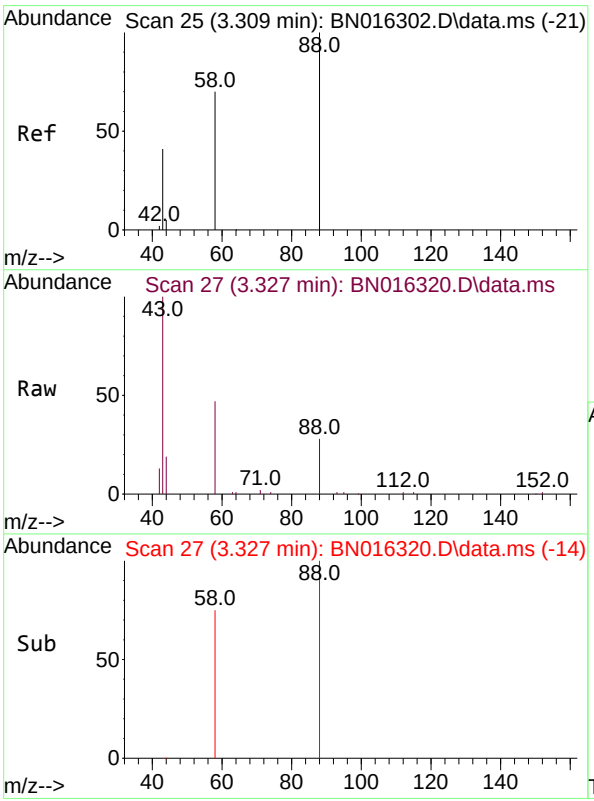


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.689 min Scan# 500
Delta R.T. 0.001 min
Lab File: BN016320.D
Acq: 18 Sep 2021 06:08

Tgt Ion:152 Resp: 23820

Ion	Ratio	Lower	Upper
152	100		
150	153.6	125.6	188.4
115	57.2	50.2	75.2

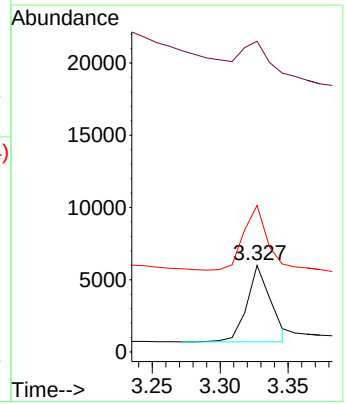




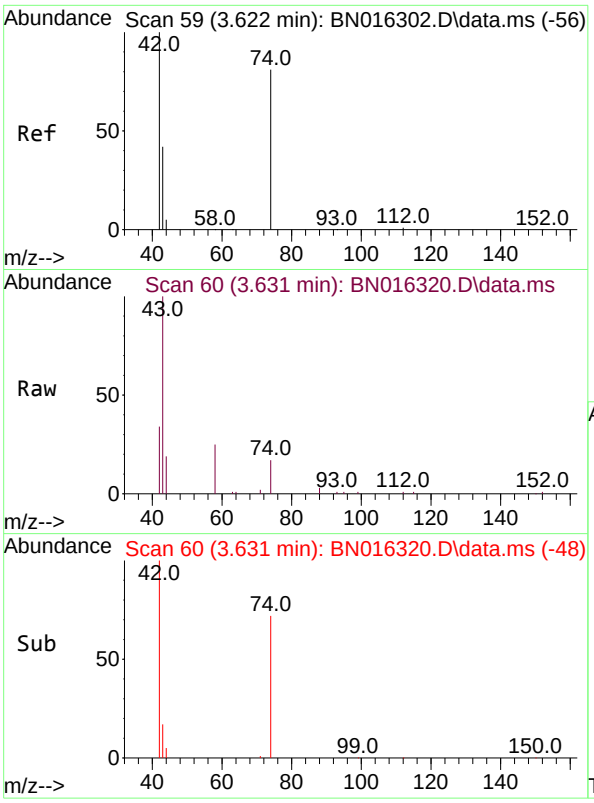
#2
1,4-Dioxane
Concen: 0.653 ng
RT: 3.327 min Scan# 27
Delta R.T. 0.019 min
Lab File: BN016320.D
Acq: 18 Sep 2021 06:08

Tgt Ion: 88 Resp: 6469

Ion	Ratio	Lower	Upper
88	100		
43	40.2	20.3	30.5#
58	82.8	69.9	104.9



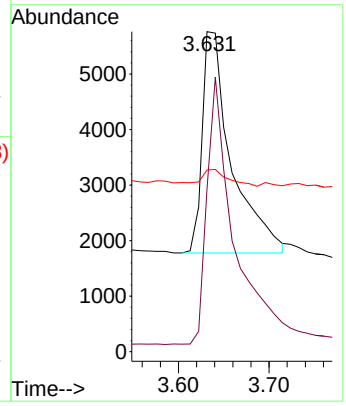
Instrument :
BNA_N
ClientSampleId :
PB139177BS

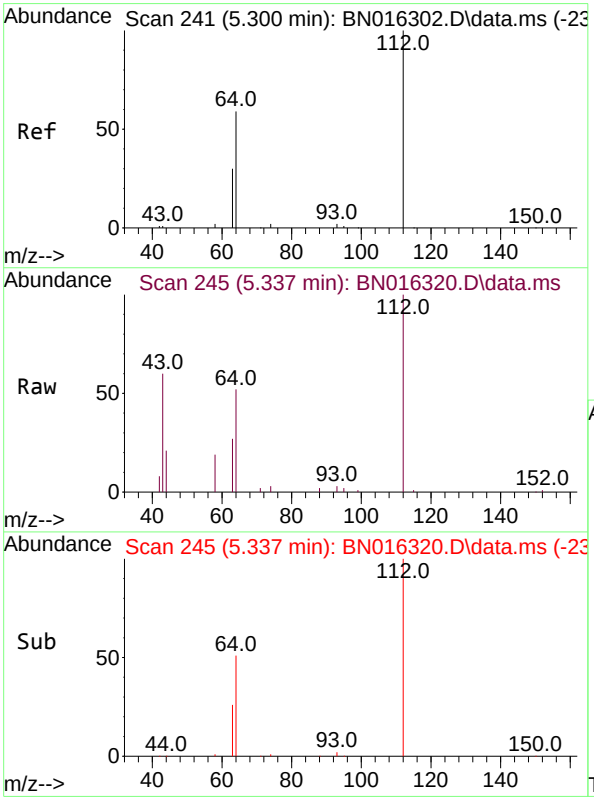


#3
n-Nitrosodimethylamine
Concen: 0.395 ng
RT: 3.631 min Scan# 60
Delta R.T. 0.009 min
Lab File: BN016320.D
Acq: 18 Sep 2021 06:08

Tgt Ion: 42 Resp: 8950

Ion	Ratio	Lower	Upper
42	100		
74	111.3	113.6	170.4#
44	6.6	0.0	0.0#

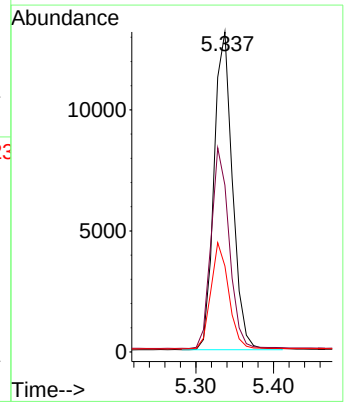




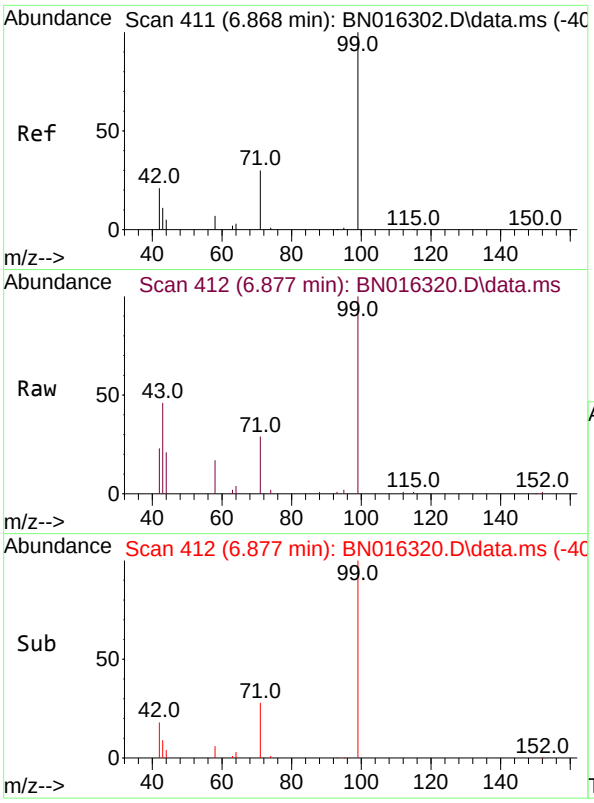
#4
2-Fluorophenol
Concen: 0.362 ng
RT: 5.337 min Scan# 245
Delta R.T. 0.037 min
Lab File: BN016320.D
Acq: 18 Sep 2021 06:08

Tgt Ion:112 Resp: 21612

Ion	Ratio	Lower	Upper
112	100		
64	62.1	47.3	70.9
63	32.5	23.4	35.0



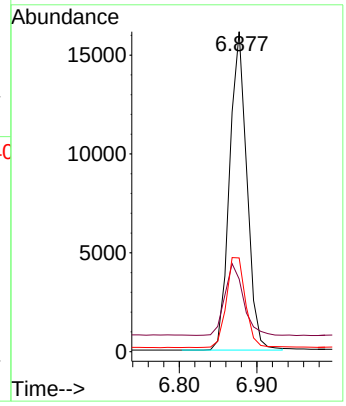
Instrument :
BNA_N
ClientSampleId :
PB139177BS

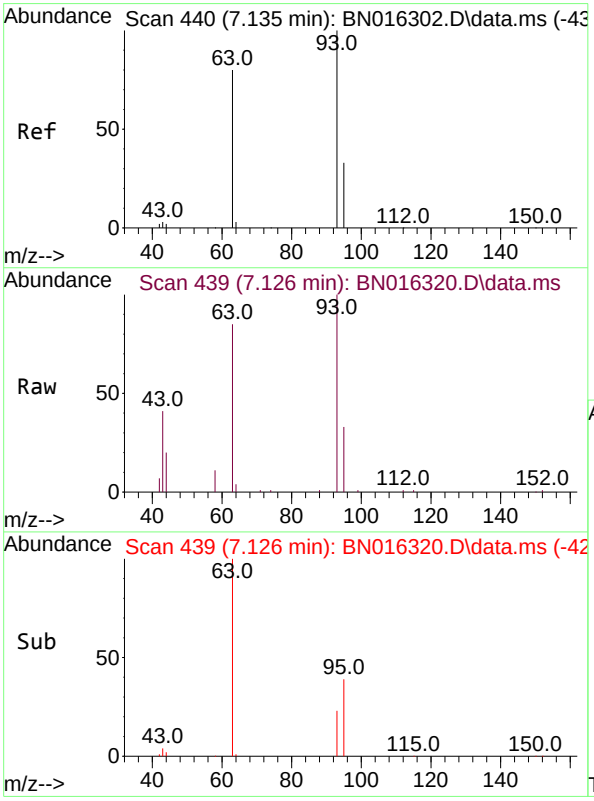


#5
Phenol-d6
Concen: 0.345 ng
RT: 6.877 min Scan# 412
Delta R.T. 0.009 min
Lab File: BN016320.D
Acq: 18 Sep 2021 06:08

Tgt Ion: 99 Resp: 24980

Ion	Ratio	Lower	Upper
99	100		
42	24.1	14.0	21.0#
71	31.2	23.8	35.6

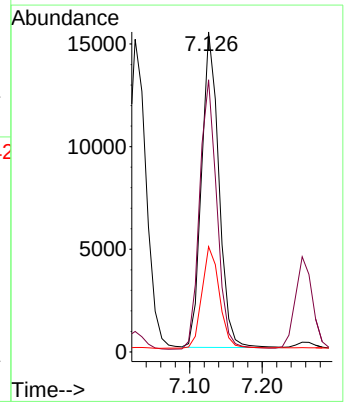




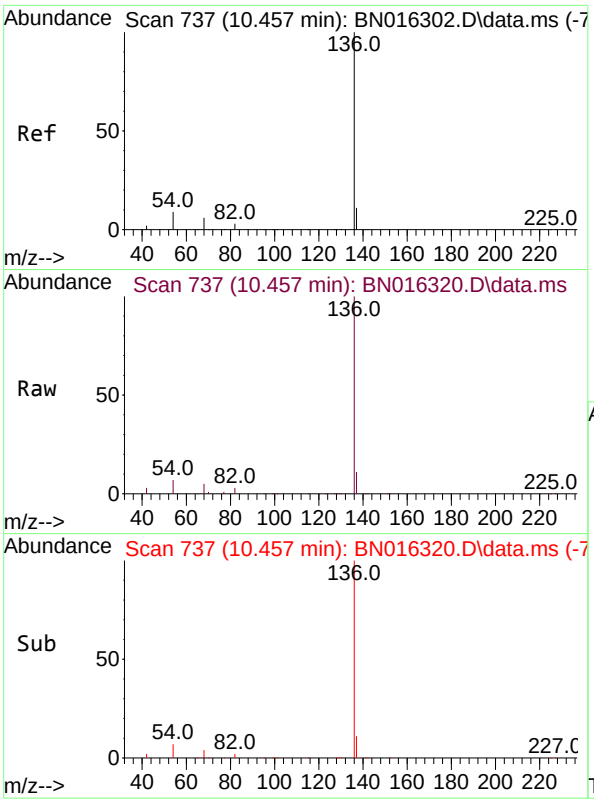
#6
bis(2-Chloroethyl)ether
Concen: 0.394 ng
RT: 7.126 min Scan# 439
Delta R.T. -0.009 min
Lab File: BN016320.D
Acq: 18 Sep 2021 06:08

Tgt Ion: 93 Resp: 25454

Ion	Ratio	Lower	Upper
93	100		
63	86.1	63.4	95.0
95	32.7	26.8	40.2



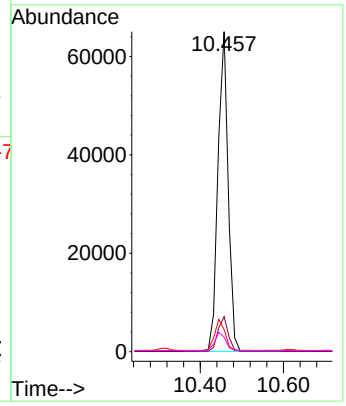
Instrument :
BNA_N
ClientSampleId :
PB139177BS

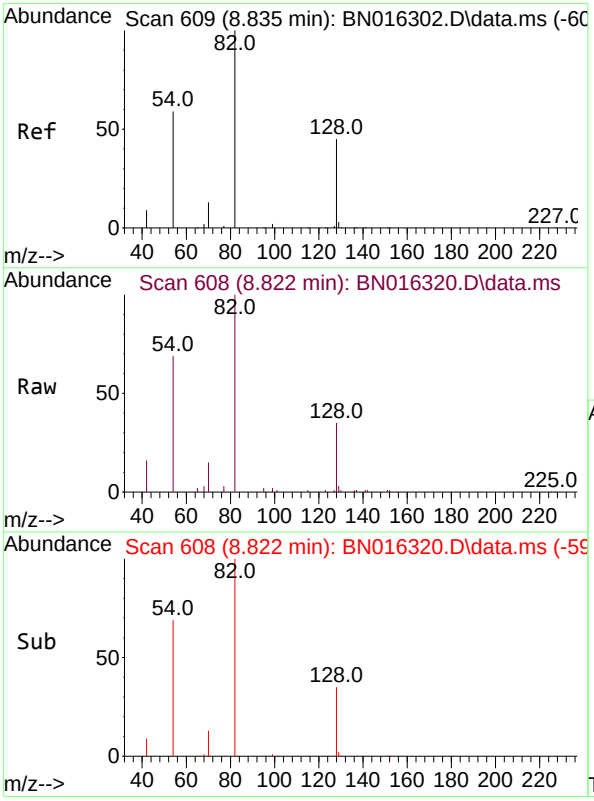


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.457 min Scan# 737
Delta R.T. 0.000 min
Lab File: BN016320.D
Acq: 18 Sep 2021 06:08

Tgt Ion:136 Resp: 110069

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	6.9	5.3	7.9
68	4.6	3.9	5.9

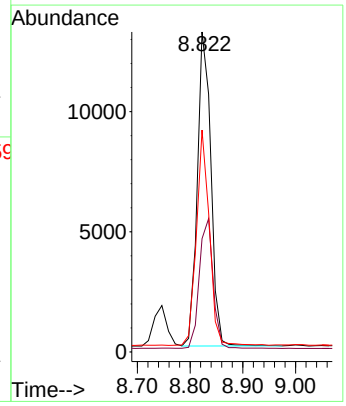




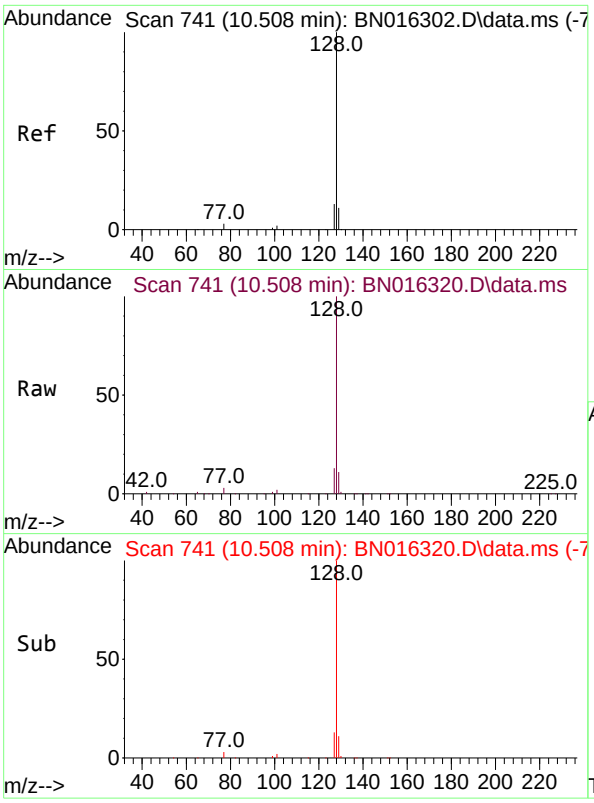
#8
Nitrobenzene-d5
Concen: 0.358 ng
RT: 8.822 min Scan# 608
Delta R.T. -0.013 min
Lab File: BN016320.D
Acq: 18 Sep 2021 06:08

Tgt Ion: 82 Resp: 23438

Ion	Ratio	Lower	Upper
82	100		
128	35.4	31.7	47.5
54	69.4	46.4	69.6



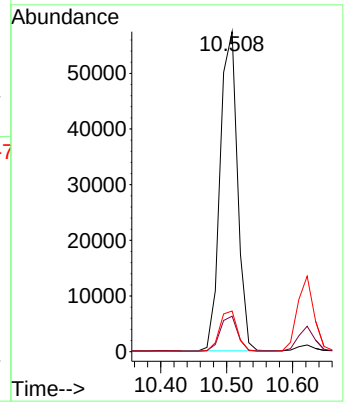
Instrument :
BNA_N
ClientSampleId :
PB139177BS

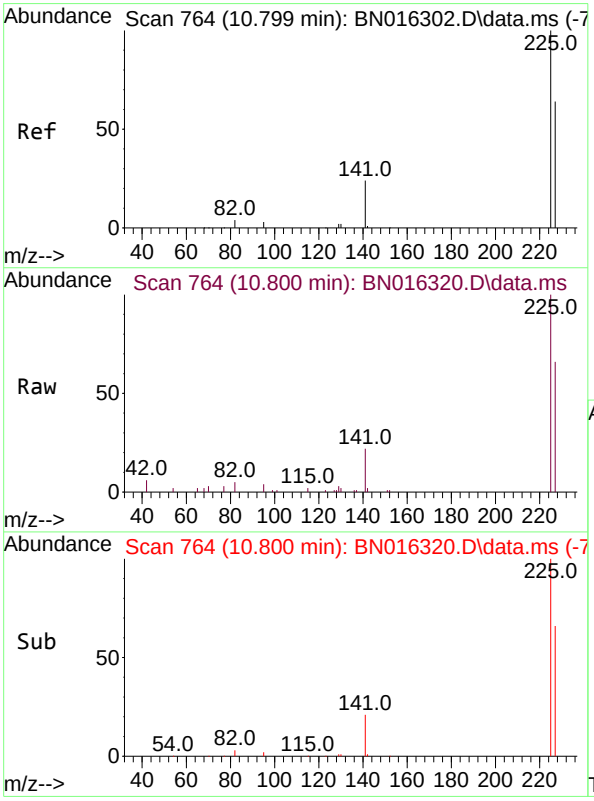


#9
Naphthalene
Concen: 0.354 ng
RT: 10.508 min Scan# 741
Delta R.T. 0.000 min
Lab File: BN016320.D
Acq: 18 Sep 2021 06:08

Tgt Ion:128 Resp: 104861

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.9	13.3
127	12.7	10.1	15.1

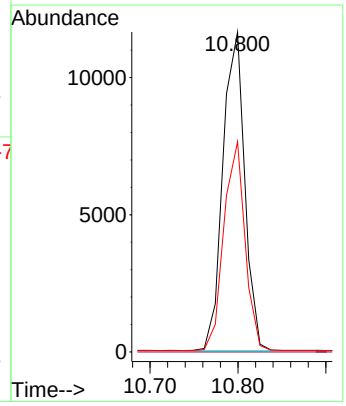




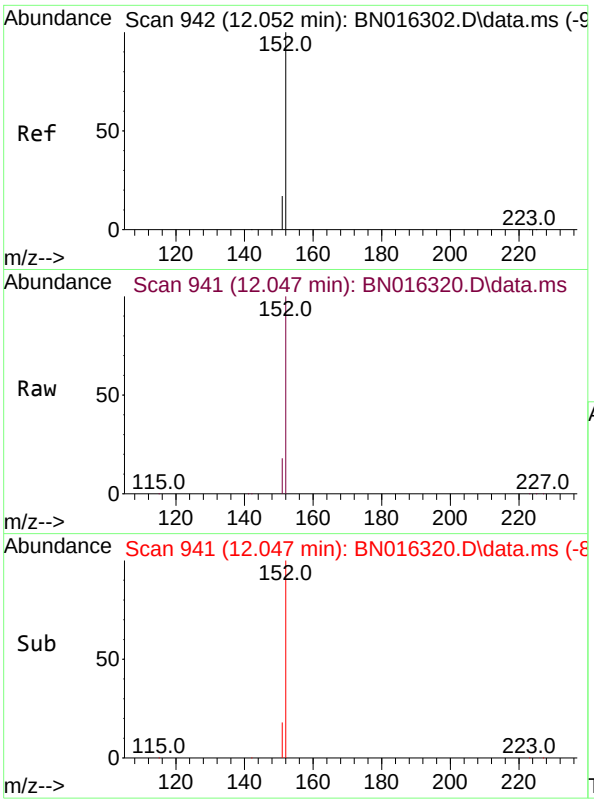
#10
Hexachlorobutadiene
Concen: 0.355 ng
RT: 10.800 min Scan# 764
Delta R.T. 0.000 min
Lab File: BN016320.D
Acq: 18 Sep 2021 06:08

Tgt Ion:225 Resp: 20004

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.7	51.5	77.3



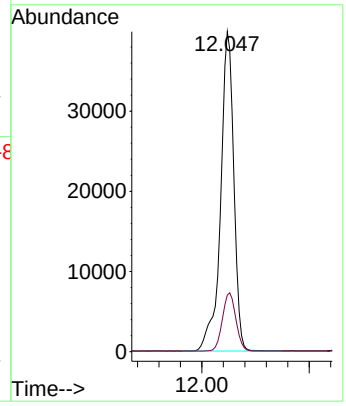
Instrument :
BNA_N
ClientSampleId :
PB139177BS

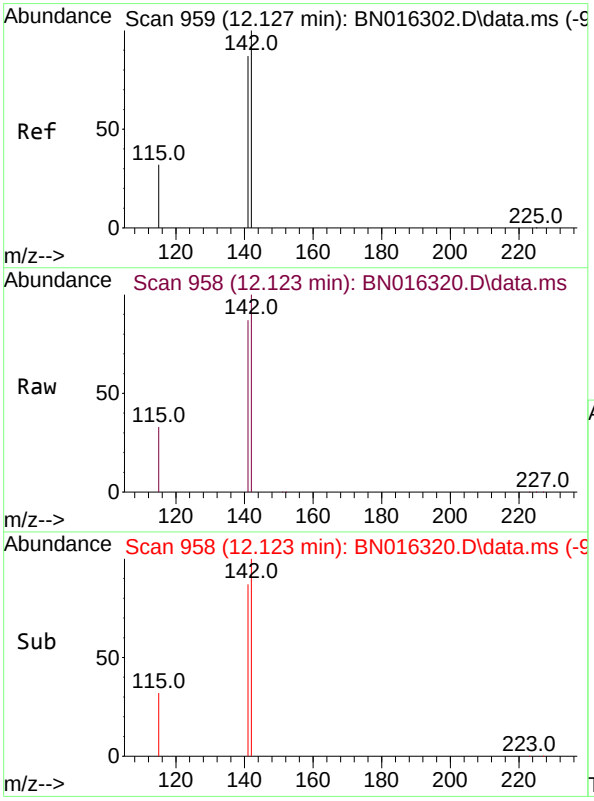


#11
2-Methylnaphthalene-d10
Concen: 0.393 ng
RT: 12.047 min Scan# 941
Delta R.T. -0.004 min
Lab File: BN016320.D
Acq: 18 Sep 2021 06:08

Tgt Ion:152 Resp: 68079

Ion	Ratio	Lower	Upper
152	100		
151	18.6	16.1	24.1

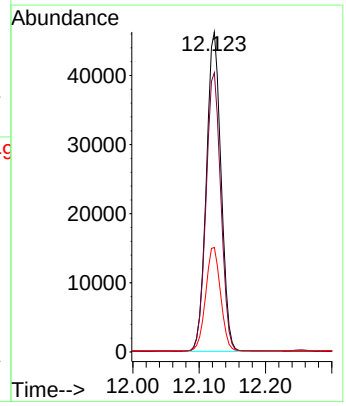




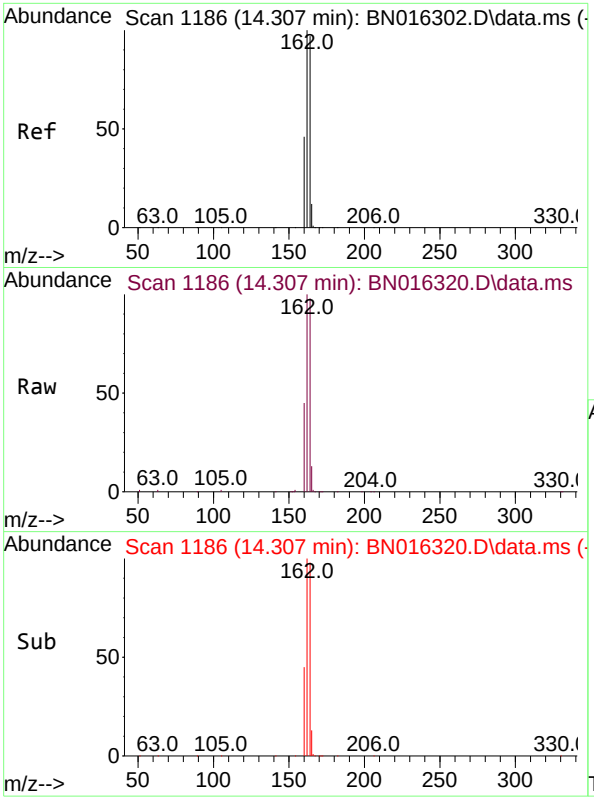
#12
2-Methylnaphthalene
Concen: 0.361 ng
RT: 12.123 min Scan# 958
Delta R.T. -0.004 min
Lab File: BN016320.D
Acq: 18 Sep 2021 06:08

Tgt Ion:142 Resp: 71050

Ion	Ratio	Lower	Upper
142	100		
141	87.2	69.8	104.8
115	32.6	24.4	36.6



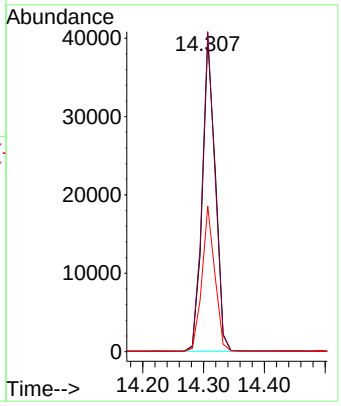
Instrument :
BNA_N
ClientSampleId :
PB139177BS

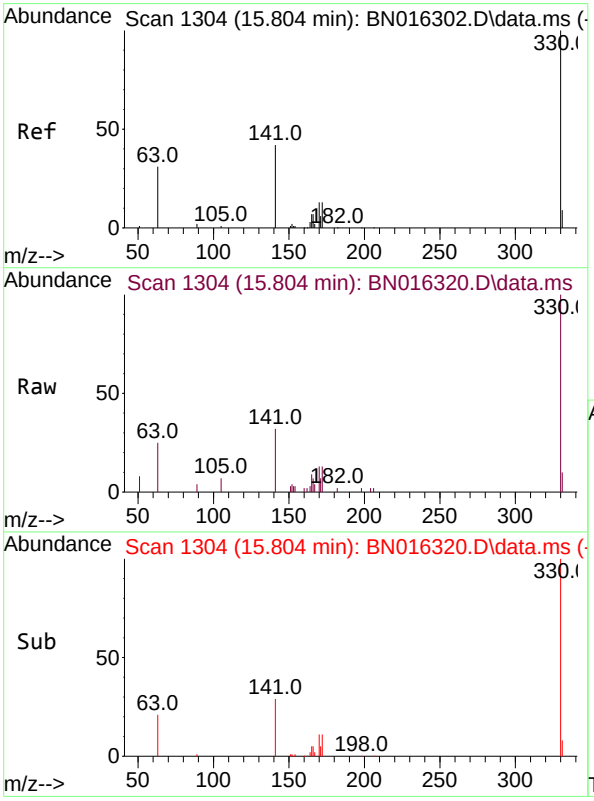


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.307 min Scan# 1186
Delta R.T. 0.000 min
Lab File: BN016320.D
Acq: 18 Sep 2021 06:08

Tgt Ion:164 Resp: 59144

Ion	Ratio	Lower	Upper
164	100		
162	102.4	79.0	118.4
160	46.6	34.1	51.1

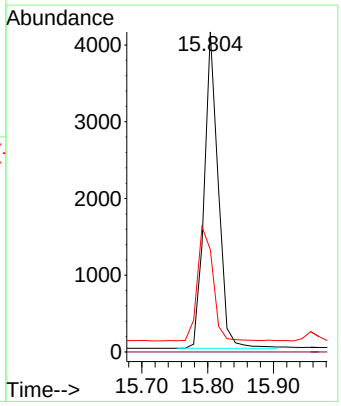


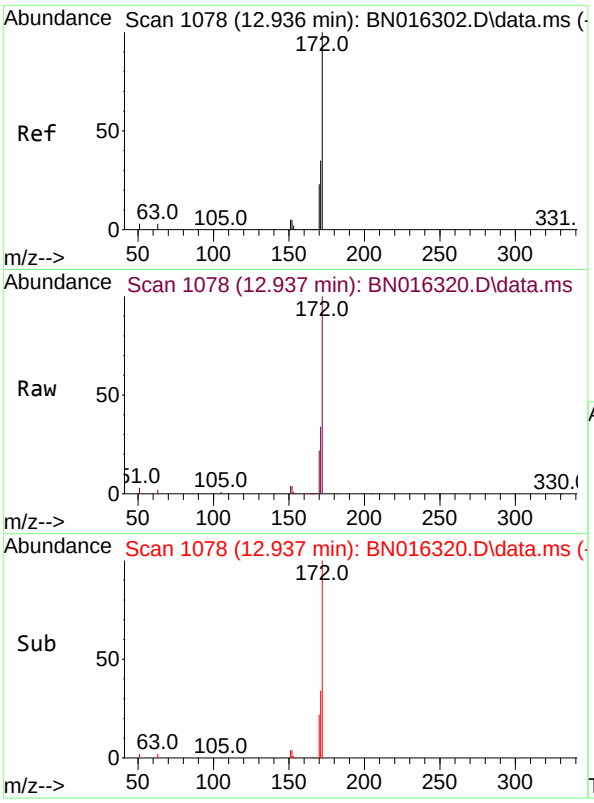


#14
2,4,6-Tribromophenol
Concen: 0.353 ng
RT: 15.804 min Scan# 1304
Delta R.T. 0.000 min
Lab File: BN016320.D
Acq: 18 Sep 2021 06:08

Tgt Ion:330 Resp: 6128

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	39.8	25.0	37.4#

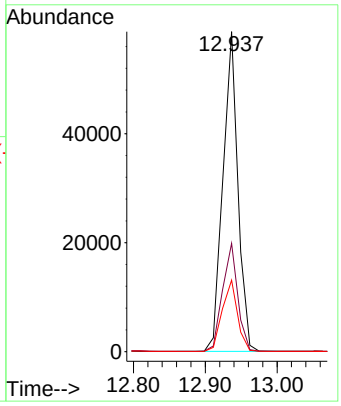


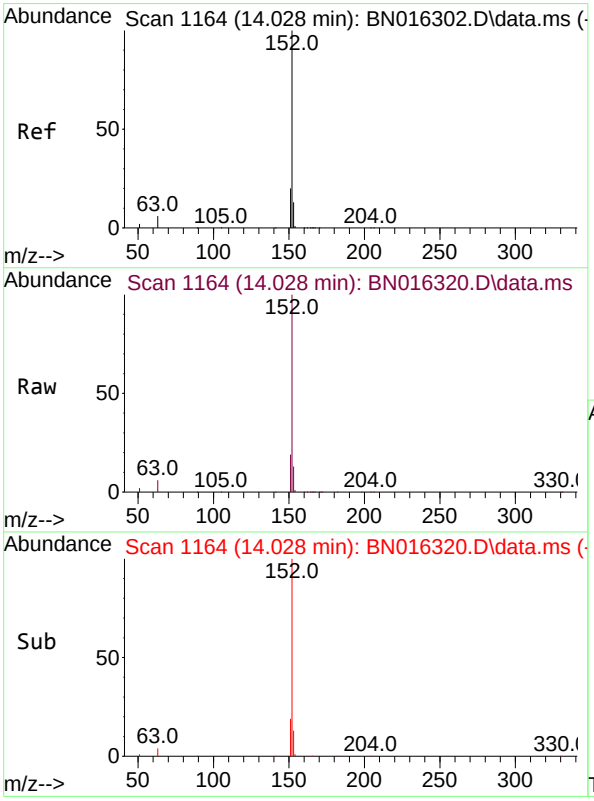


#15
2-Fluorobiphenyl
Concen: 0.366 ng
RT: 12.937 min Scan# 1078
Delta R.T. 0.000 min
Lab File: BN016320.D
Acq: 18 Sep 2021 06:08

Tgt Ion:172 Resp: 84771

Ion	Ratio	Lower	Upper
172	100		
171	33.8	27.8	41.6
170	22.4	18.2	27.2

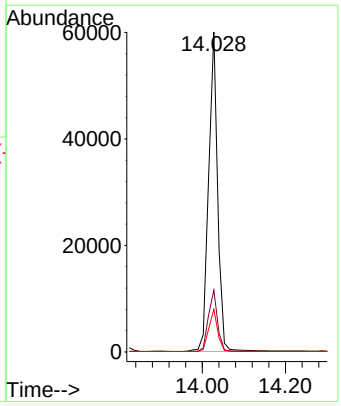




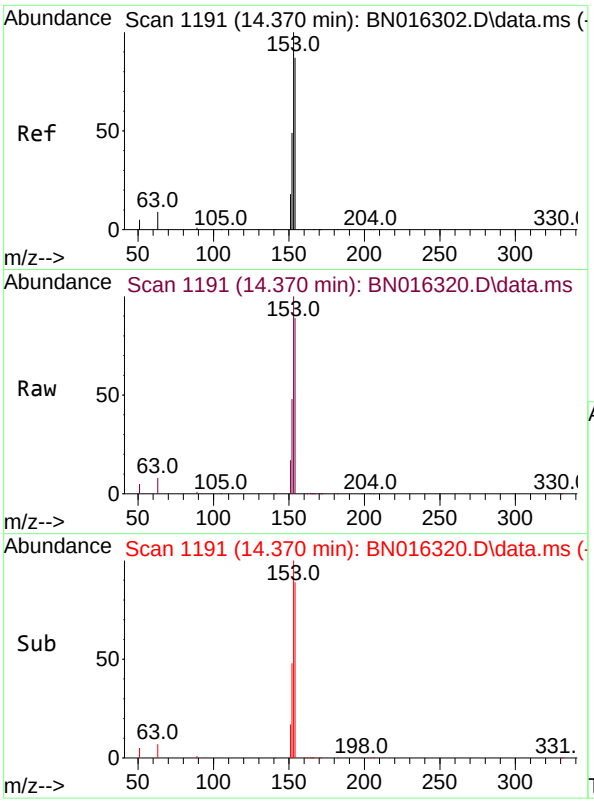
#16
Acenaphthylene
Concen: 0.328 ng
RT: 14.028 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BN016320.D
Acq: 18 Sep 2021 06:08

Tgt Ion:152 Resp: 90172

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.2	22.8
153	13.1	10.5	15.7



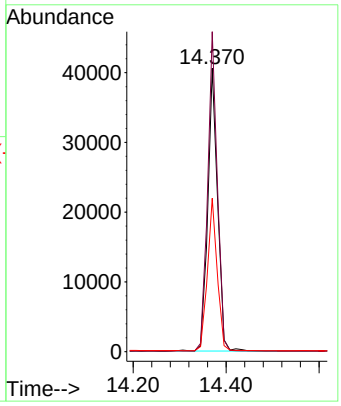
Instrument :
BNA_N
ClientSampleId :
PB139177BS



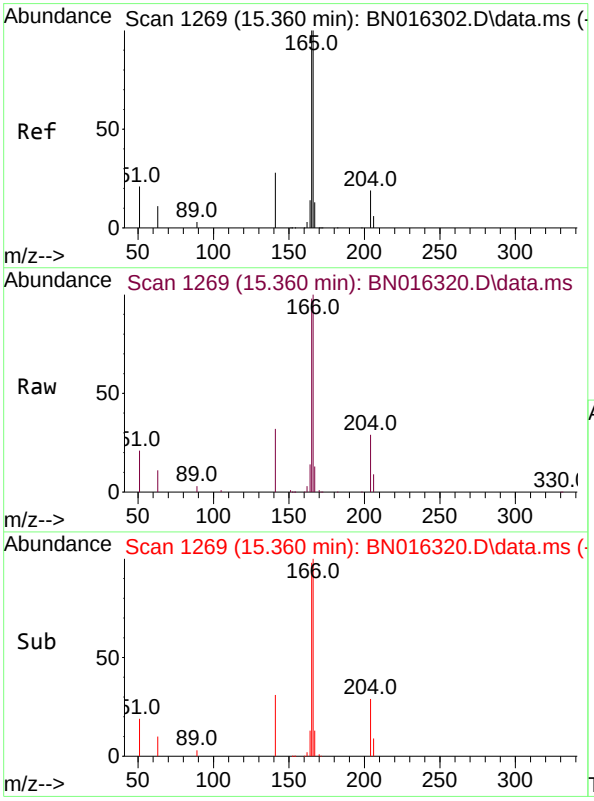
#17
Acenaphthene
Concen: 0.350 ng
RT: 14.370 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BN016320.D
Acq: 18 Sep 2021 06:08

Tgt Ion:154 Resp: 59669

Ion	Ratio	Lower	Upper
154	100		
153	111.7	89.3	133.9
152	53.6	42.2	63.4



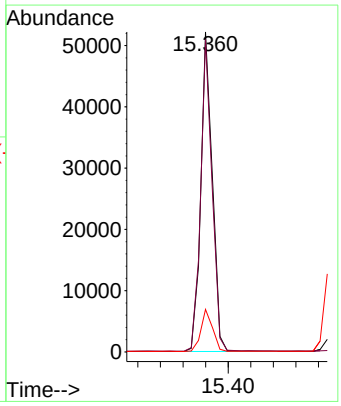
Instrument :
BNA_N
ClientSampleId :
PB139177BS



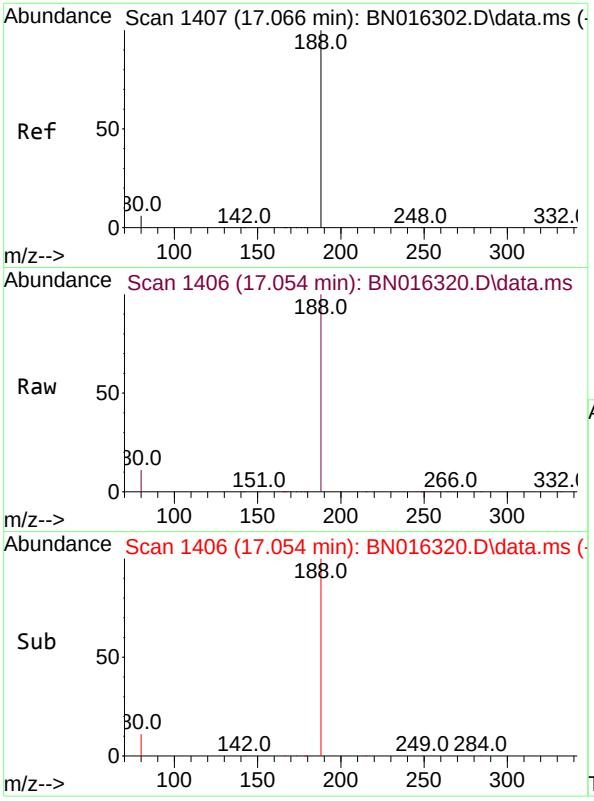
#18
Fluorene
Concen: 0.348 ng
RT: 15.360 min Scan# 1269
Delta R.T. 0.000 min
Lab File: BN016320.D
Acq: 18 Sep 2021 06:08

Tgt Ion:166 Resp: 73700

Ion	Ratio	Lower	Upper
166	100		
165	97.0	76.7	115.1
167	13.3	10.9	16.3



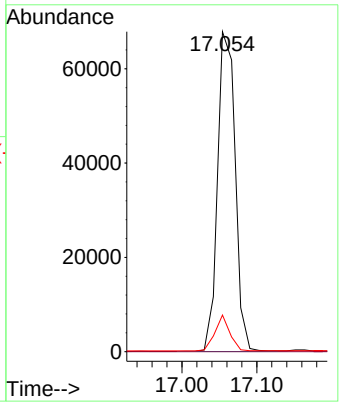
Instrument :
BNA_N
ClientSampleId :
PB139177BS

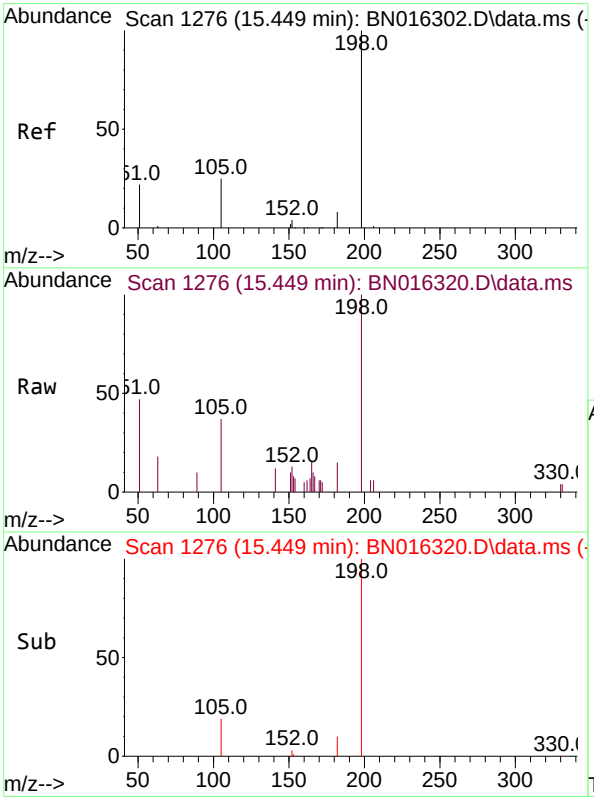


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.054 min Scan# 1406
Delta R.T. -0.012 min
Lab File: BN016320.D
Acq: 18 Sep 2021 06:08

Tgt Ion:188 Resp: 110961

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.5	7.0	10.6#

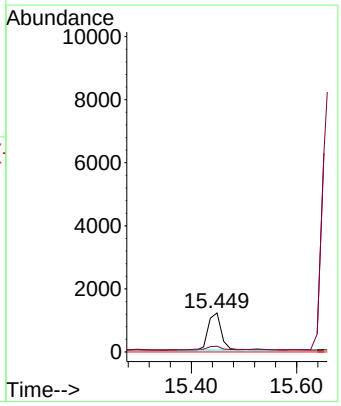




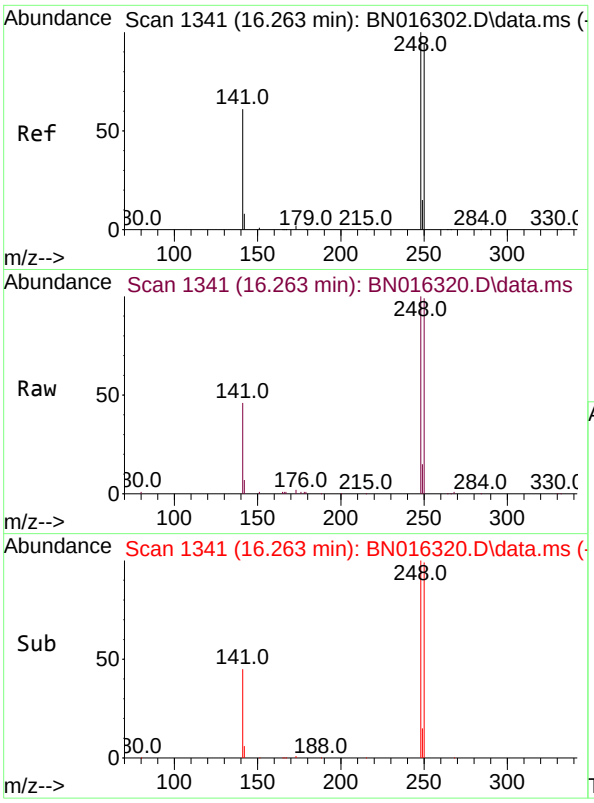
#20
4,6-Dinitro-2-methylphenol
Concen: 0.501 ng
RT: 15.449 min Scan# 1276
Delta R.T. -0.000 min
Lab File: BN016320.D
Acq: 18 Sep 2021 06:08

Tgt Ion:198 Resp: 2082

Ion	Ratio	Lower	Upper
198	100		
182	14.9	26.6	39.8#
77	0.0	0.0	0.0



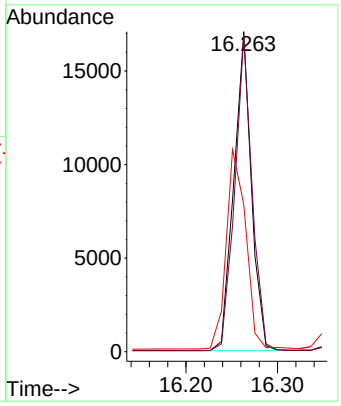
Instrument :
BNA_N
ClientSampleId :
PB139177BS

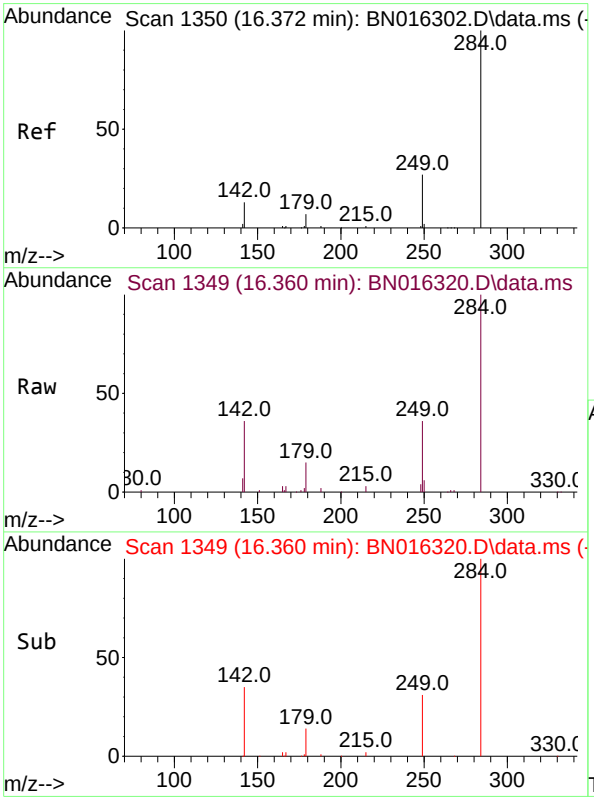


#21
4-Bromophenyl-phenylether
Concen: 0.349 ng
RT: 16.263 min Scan# 1341
Delta R.T. 0.000 min
Lab File: BN016320.D
Acq: 18 Sep 2021 06:08

Tgt Ion:248 Resp: 22632

Ion	Ratio	Lower	Upper
248	100		
250	98.7	80.5	120.7
141	46.0	34.8	52.2

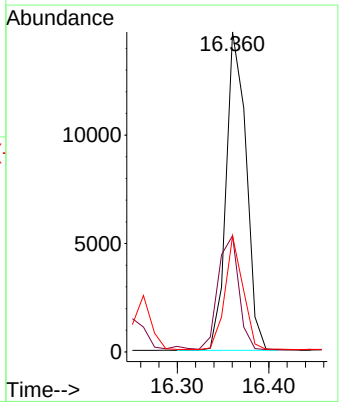




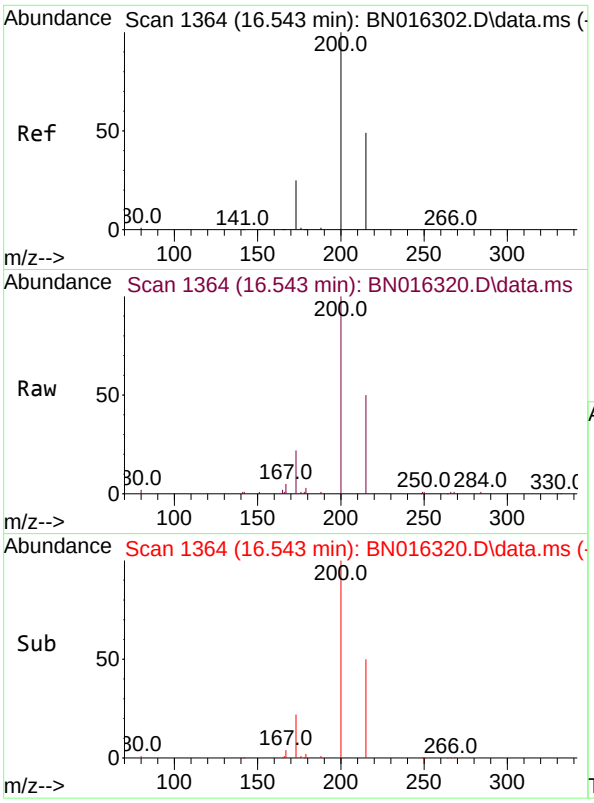
#22
Hexachlorobenzene
Concen: 0.364 ng
RT: 16.360 min Scan# 1349
Delta R.T. -0.012 min
Lab File: BN016320.D
Acq: 18 Sep 2021 06:08

Tgt Ion:284 Resp: 22292

Ion	Ratio	Lower	Upper
284	100		
142	37.1	22.6	34.0#
249	32.1	24.4	36.6



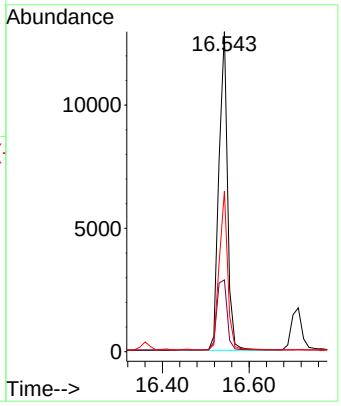
Instrument :
BNA_N
ClientSampleId :
PB139177BS

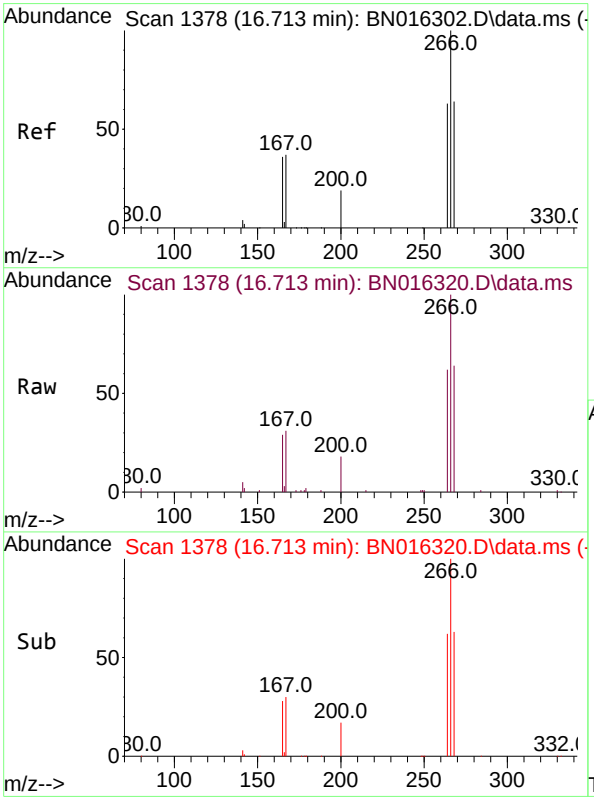


#23
Atrazine
Concen: 0.299 ng
RT: 16.543 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BN016320.D
Acq: 18 Sep 2021 06:08

Tgt Ion:200 Resp: 17795

Ion	Ratio	Lower	Upper
200	100		
173	22.5	18.7	28.1
215	50.2	41.6	62.4

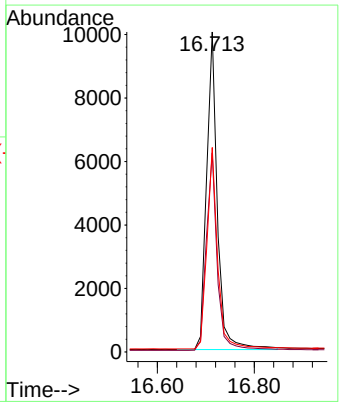




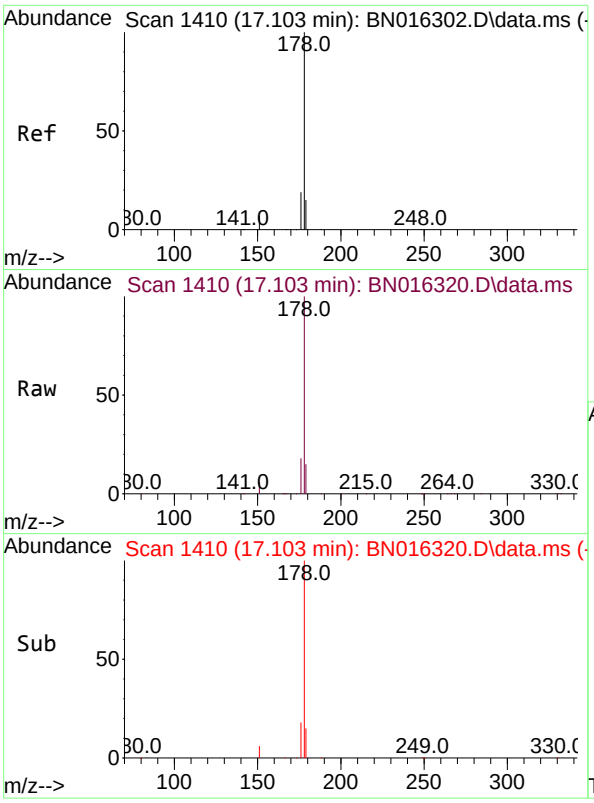
#24
Pentachlorophenol
Concen: 0.755 ng
RT: 16.713 min Scan# 1378
Delta R.T. 0.000 min
Lab File: BN016320.D
Acq: 18 Sep 2021 06:08

Tgt Ion:266 Resp: 15600

Ion	Ratio	Lower	Upper
266	100		
264	62.8	50.6	75.8
268	63.0	52.6	79.0



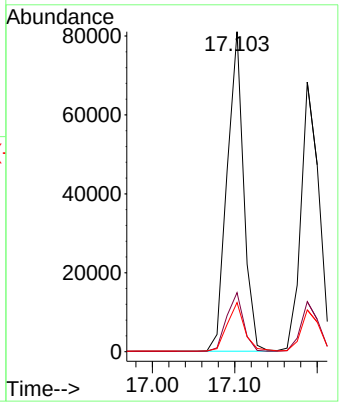
Instrument :
BNA_N
ClientSampleId :
PB139177BS

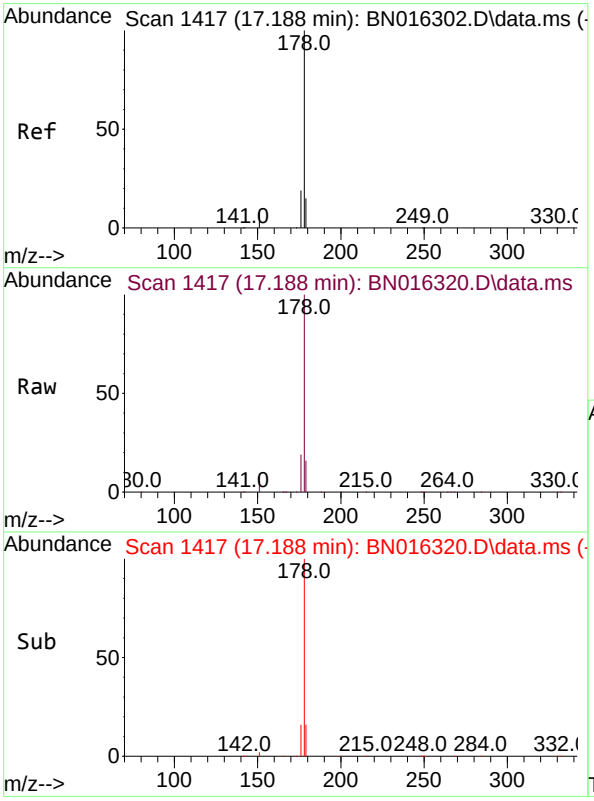


#25
Phenanthrene
Concen: 0.361 ng
RT: 17.103 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BN016320.D
Acq: 18 Sep 2021 06:08

Tgt Ion:178 Resp: 113281

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.4	21.6
179	15.9	12.2	18.4

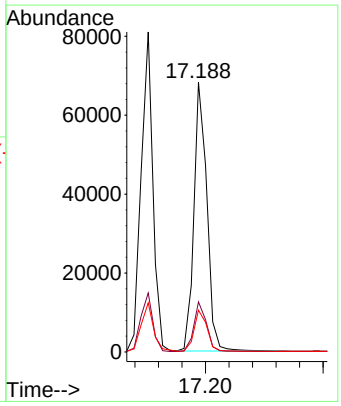


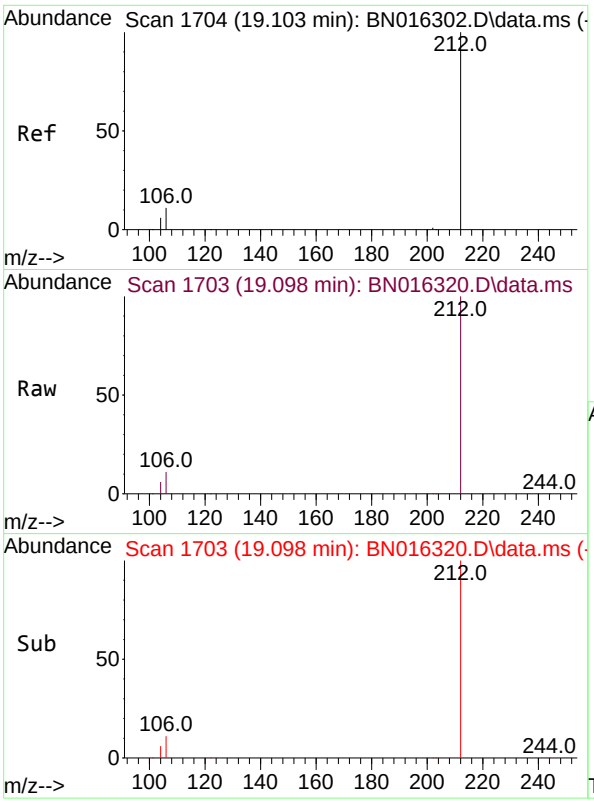


#26
Anthracene
Concen: 0.342 ng
RT: 17.188 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BN016320.D
Acq: 18 Sep 2021 06:08

Tgt Ion:178 Resp: 104001

Ion	Ratio	Lower	Upper
178	100		
176	18.1	13.9	20.9
179	15.3	12.2	18.4

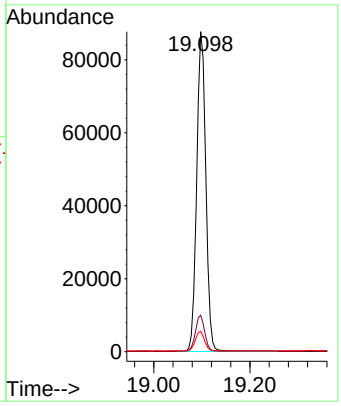




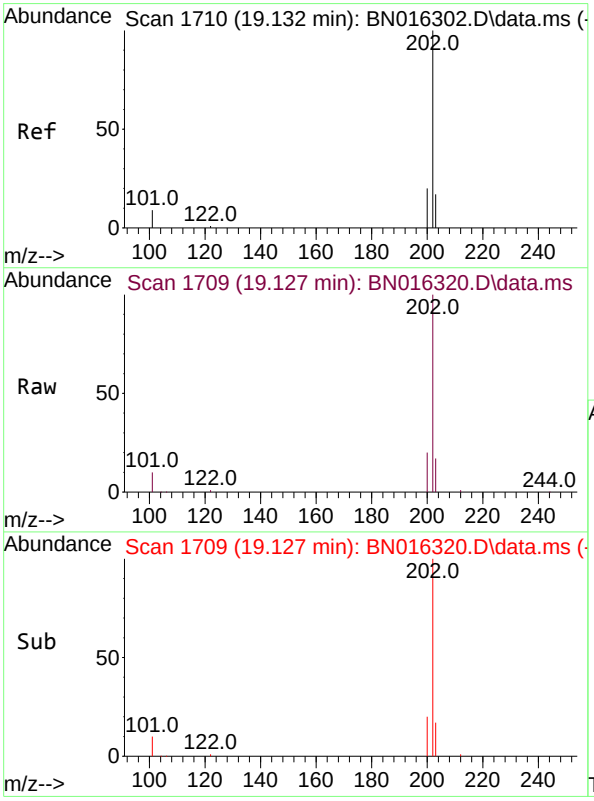
#27
Fluoranthene-d10
Concen: 0.360 ng
RT: 19.098 min Scan# 1703
Delta R.T. -0.005 min
Lab File: BN016320.D
Acq: 18 Sep 2021 06:08

Tgt Ion:212 Resp: 115759

Ion	Ratio	Lower	Upper
212	100		
106	11.3	9.8	14.6
104	6.2	5.4	8.2



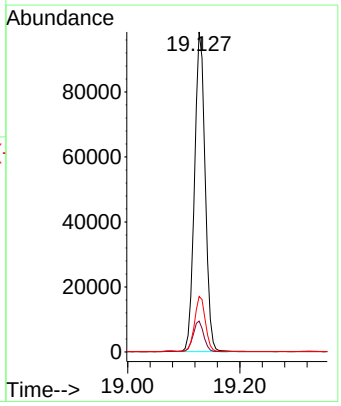
Instrument :
BNA_N
ClientSampleId :
PB139177BS



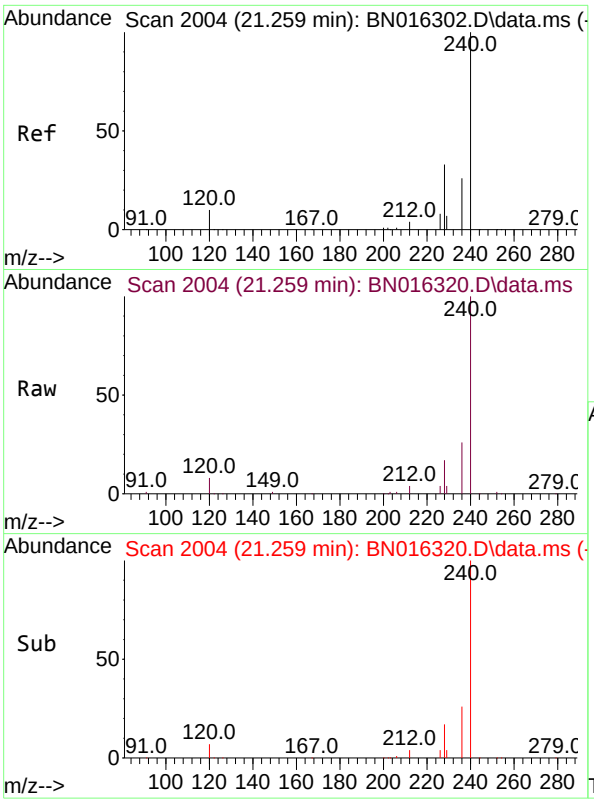
#28
Fluoranthene
Concen: 0.357 ng
RT: 19.127 min Scan# 1709
Delta R.T. -0.005 min
Lab File: BN016320.D
Acq: 18 Sep 2021 06:08

Tgt Ion:202 Resp: 129053

Ion	Ratio	Lower	Upper
202	100		
101	9.7	8.5	12.7
203	17.3	13.8	20.8



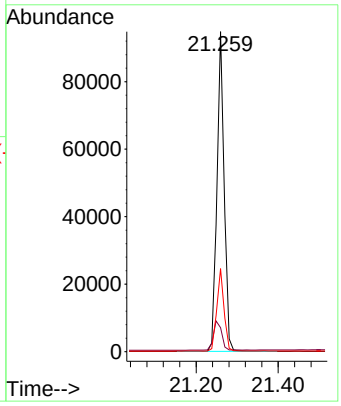
Instrument :
BNA_N
ClientSampleId :
PB139177BS

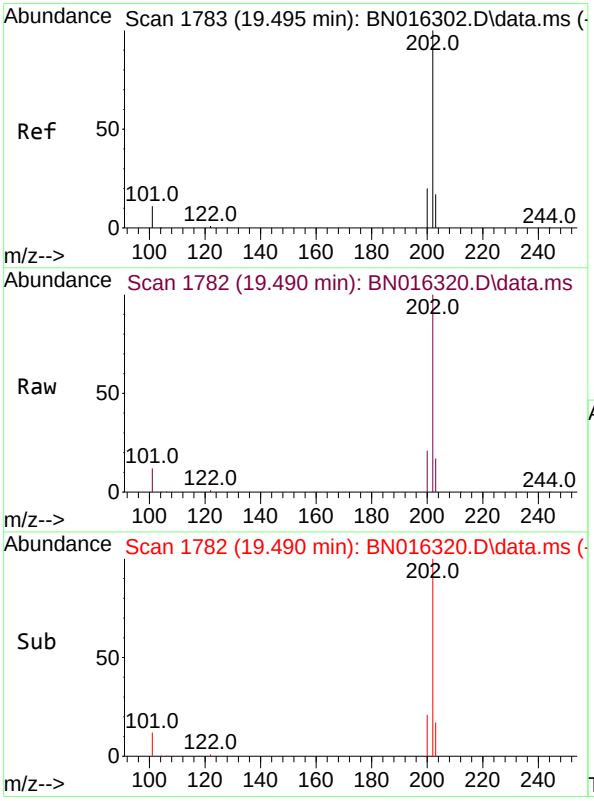


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.259 min Scan# 2004
Delta R.T. 0.000 min
Lab File: BN016320.D
Acq: 18 Sep 2021 06:08

Tgt Ion:240 Resp: 114874

Ion	Ratio	Lower	Upper
240	100		
120	7.5	5.3	7.9
236	25.9	19.8	29.8

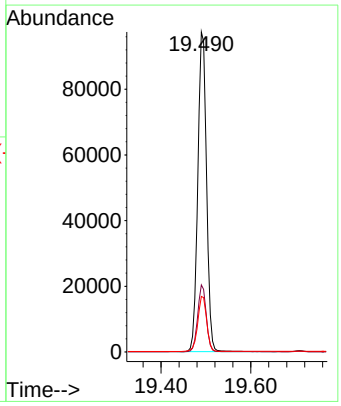




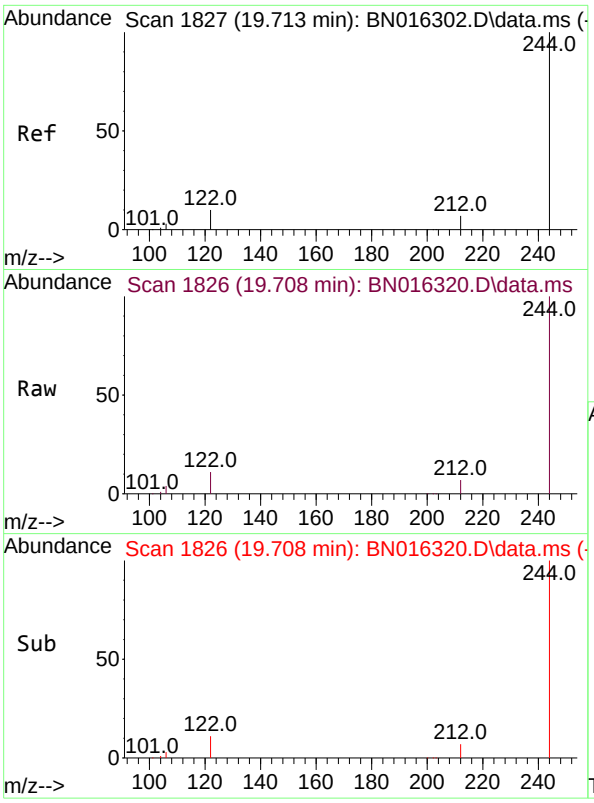
#30
Pyrene
Concen: 0.362 ng
RT: 19.490 min Scan# 1782
Delta R.T. -0.005 min
Lab File: BN016320.D
Acq: 18 Sep 2021 06:08

Tgt Ion:202 Resp: 131553

Ion	Ratio	Lower	Upper
202	100		
200	20.5	15.8	23.6
203	17.7	13.9	20.9



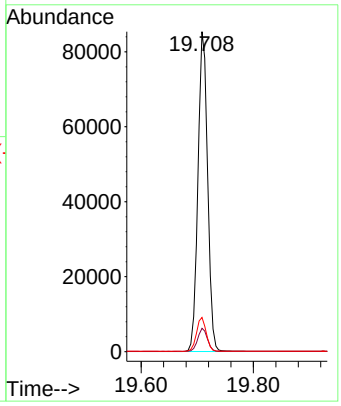
Instrument :
BNA_N
ClientSampleId :
PB139177BS

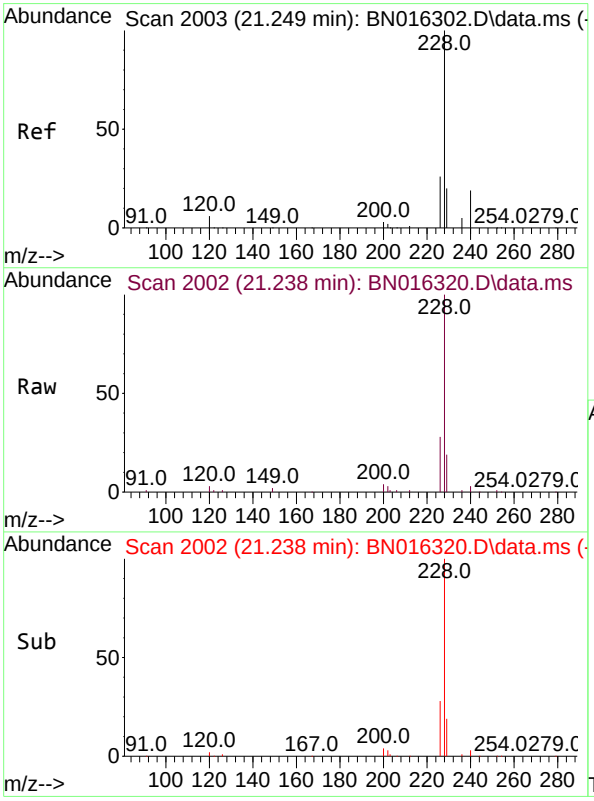


#31
Terphenyl-d14
Concen: 0.382 ng
RT: 19.708 min Scan# 1826
Delta R.T. -0.005 min
Lab File: BN016320.D
Acq: 18 Sep 2021 06:08

Tgt Ion:244 Resp: 101686

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.5	8.3
122	10.7	9.0	13.4

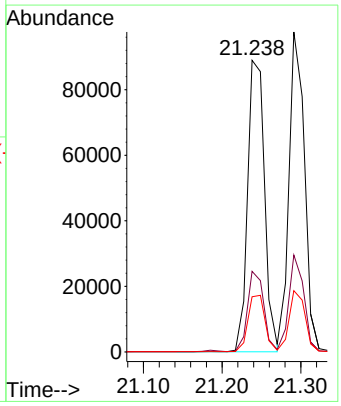




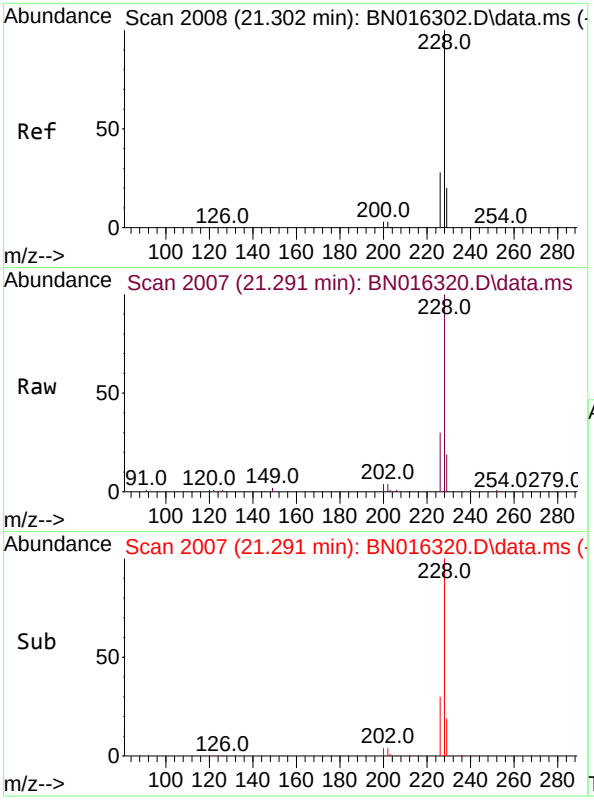
#32
Benzo(a)anthracene
Concen: 0.360 ng
RT: 21.238 min Scan# 2002
Delta R.T. -0.011 min
Lab File: BN016320.D
Acq: 18 Sep 2021 06:08

Tgt Ion:228 Resp: 132845

Ion	Ratio	Lower	Upper
228	100		
226	27.6	20.8	31.2
229	18.9	15.8	23.6



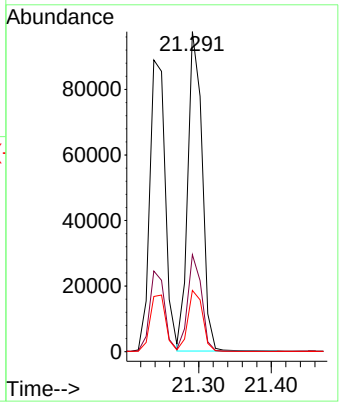
Instrument :
BNA_N
ClientSampleId :
PB139177BS

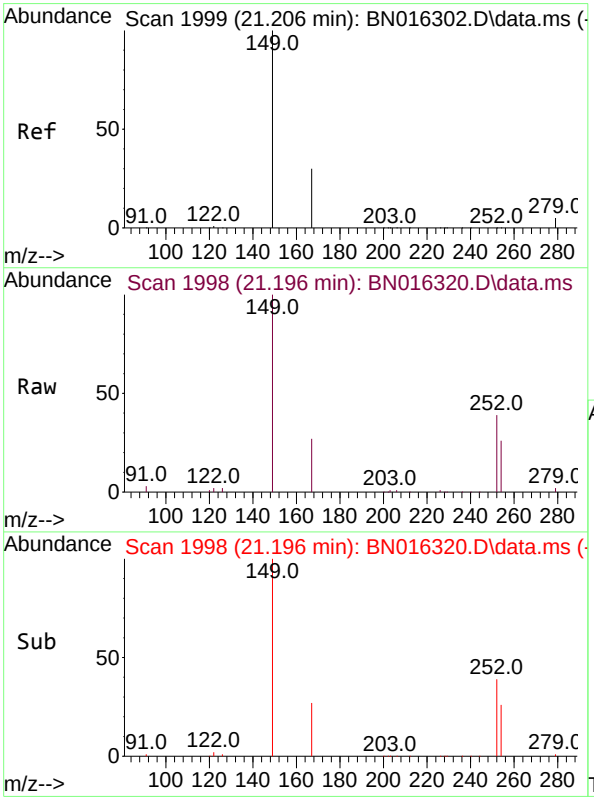


#33
Chrysene
Concen: 0.373 ng
RT: 21.291 min Scan# 2007
Delta R.T. -0.011 min
Lab File: BN016320.D
Acq: 18 Sep 2021 06:08

Tgt Ion:228 Resp: 133133

Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.0	34.4
229	19.2	15.6	23.4

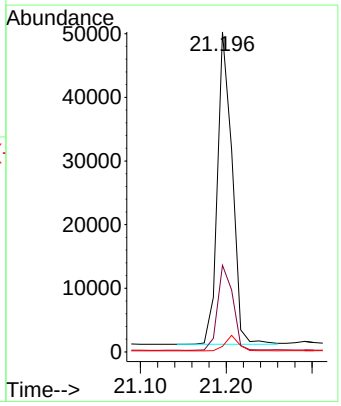


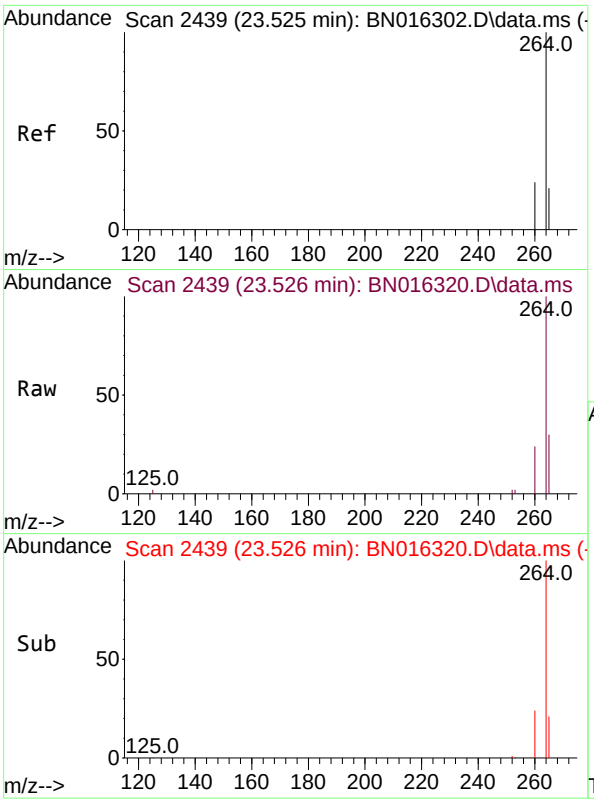


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.292 ng
RT: 21.196 min Scan# 1998
Delta R.T. -0.011 min
Lab File: BN016320.D
Acq: 18 Sep 2021 06:08

Tgt Ion:149 Resp: 58035

Ion	Ratio	Lower	Upper
149	100		
167	28.3	23.4	35.0
279	4.6	3.9	5.9

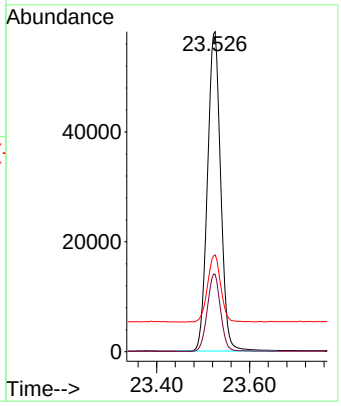




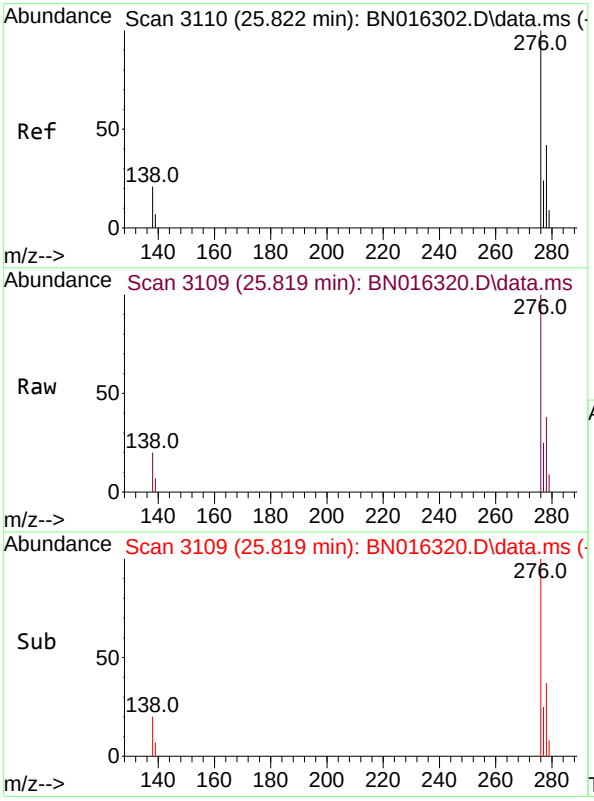
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.526 min Scan# 2439
Delta R.T. 0.000 min
Lab File: BN016320.D
Acq: 18 Sep 2021 06:08

Tgt Ion:264 Resp: 113946

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.9	28.3
265	30.2	23.7	35.5



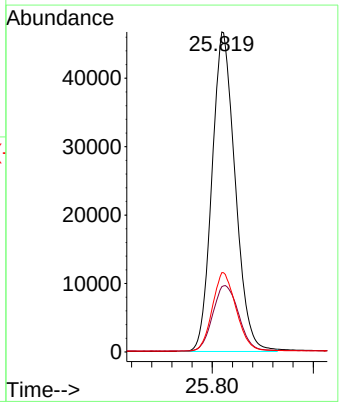
Instrument :
BNA_N
ClientSampleId :
PB139177BS



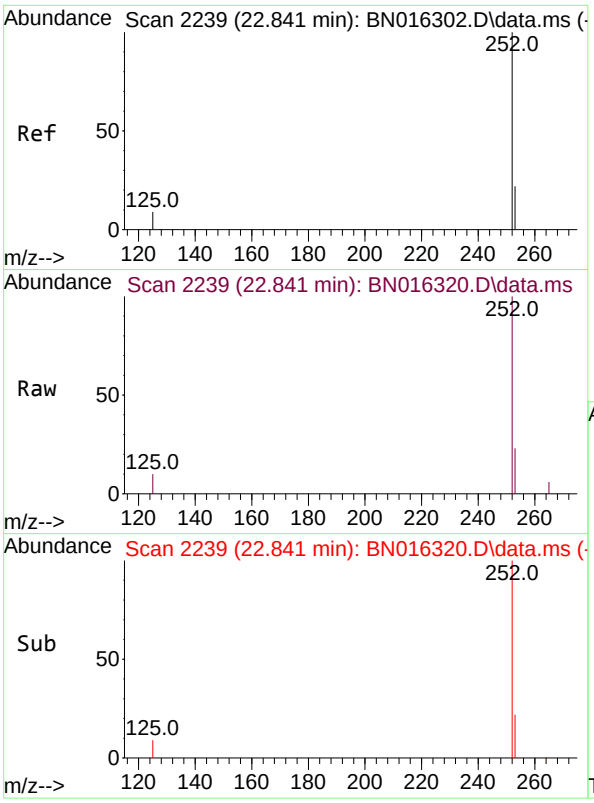
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.405 ng
RT: 25.819 min Scan# 3109
Delta R.T. -0.003 min
Lab File: BN016320.D
Acq: 18 Sep 2021 06:08

Tgt Ion:276 Resp: 148879

Ion	Ratio	Lower	Upper
276	100		
138	22.8	19.3	28.9
277	25.2	20.2	30.2



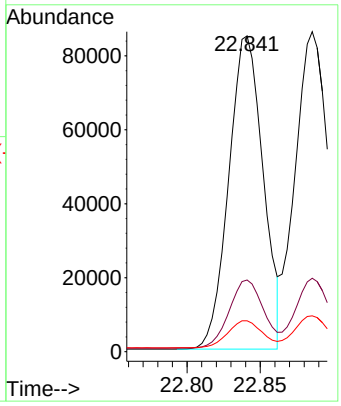
Instrument :
BNA_N
ClientSampleId :
PB139177BS

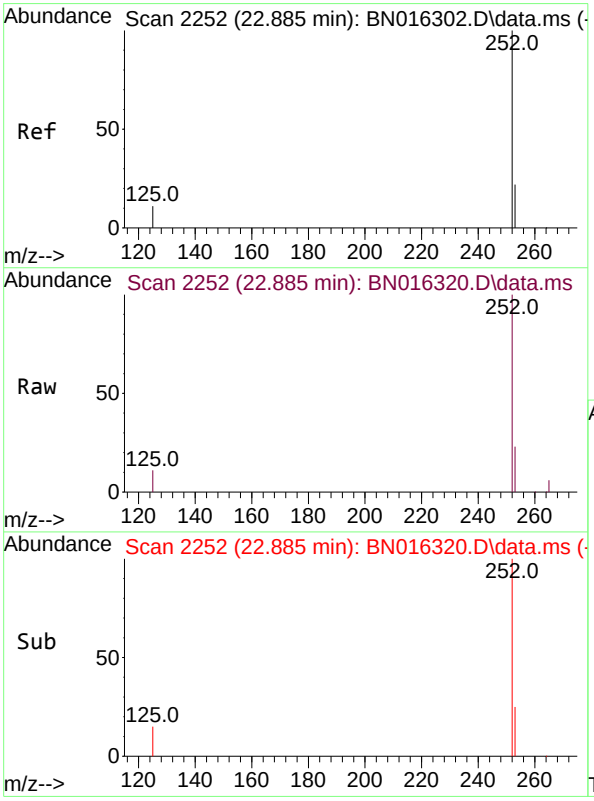


#37
Benzo(b)fluoranthene
Concen: 0.382 ng
RT: 22.841 min Scan# 2239
Delta R.T. 0.000 min
Lab File: BN016320.D
Acq: 18 Sep 2021 06:08

Tgt Ion:252 Resp: 138103

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.2
125	9.8	8.4	12.6

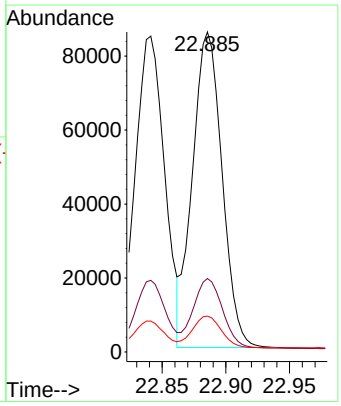




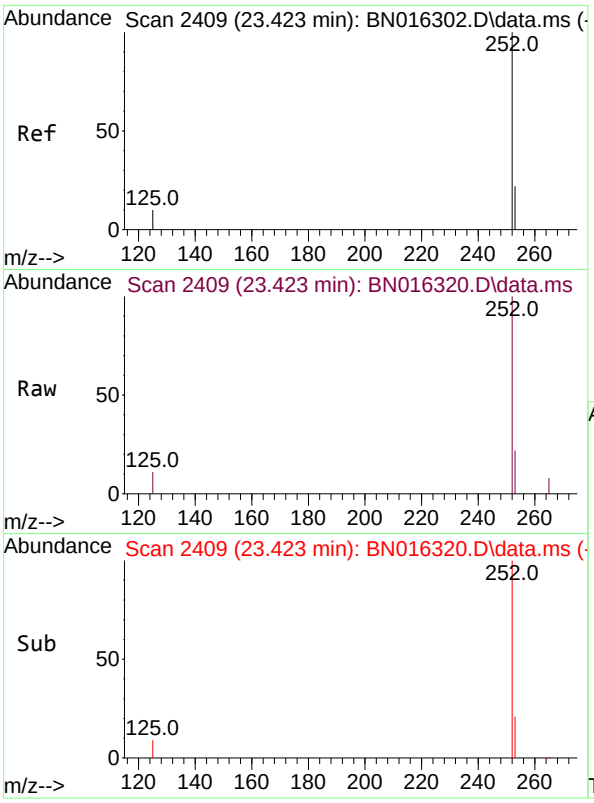
#38
Benzo(k)fluoranthene
Concen: 0.396 ng
RT: 22.885 min Scan# 2252
Delta R.T. 0.000 min
Lab File: BN016320.D
Acq: 18 Sep 2021 06:08

Tgt Ion:252 Resp: 137758

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.2
125	11.2	8.2	12.4



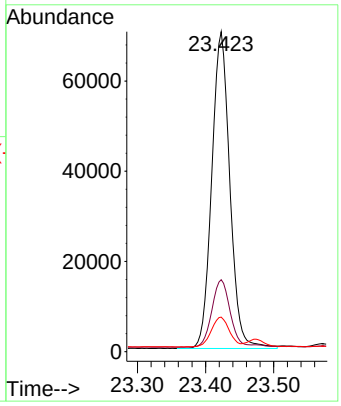
Instrument :
BNA_N
ClientSampleId :
PB139177BS

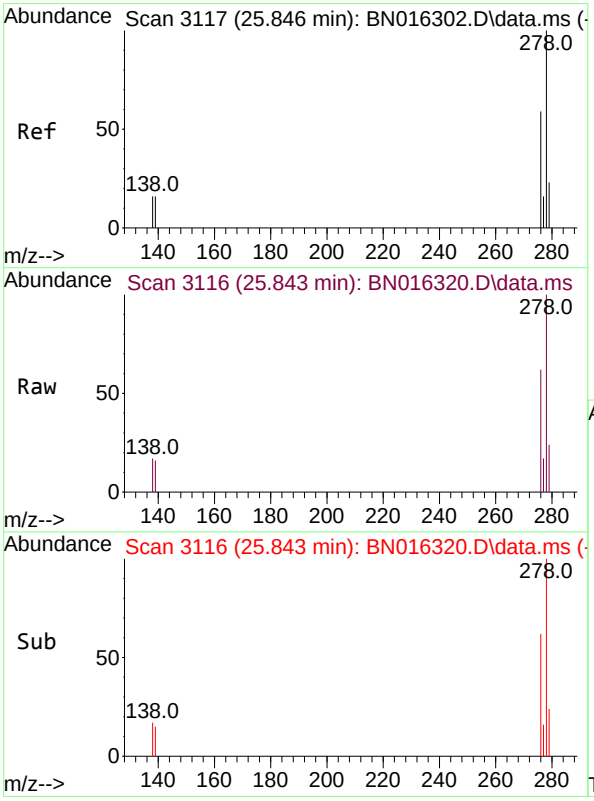


#39
Benzo(a)pyrene
Concen: 0.396 ng
RT: 23.423 min Scan# 2409
Delta R.T. 0.000 min
Lab File: BN016320.D
Acq: 18 Sep 2021 06:08

Tgt Ion:252 Resp: 129533

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.7	28.1
125	10.8	9.9	14.9

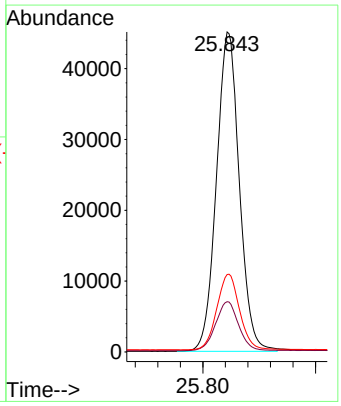


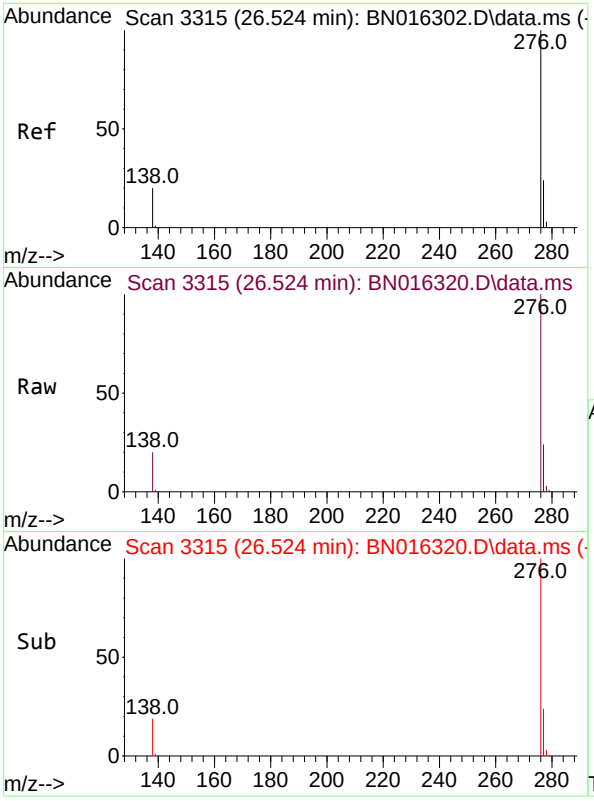


#40
Dibenzo(a,h)anthracene
Concen: 0.406 ng
RT: 25.843 min Scan# 3116
Delta R.T. -0.003 min
Lab File: BN016320.D
Acq: 18 Sep 2021 06:08

Tgt Ion:278 Resp: 126938

Ion	Ratio	Lower	Upper
278	100		
139	15.7	14.2	21.2
279	24.2	21.3	31.9

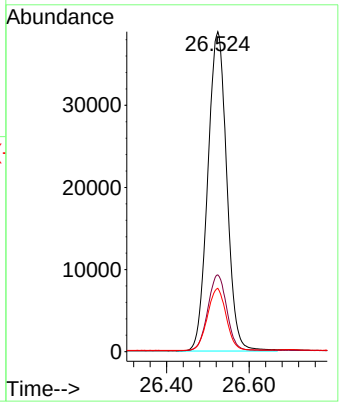




#41
Benzo(g,h,i)perylene
Concen: 0.400 ng
RT: 26.524 min Scan# 3315
Delta R.T. 0.000 min
Lab File: BN016320.D
Acq: 18 Sep 2021 06:08

Tgt Ion:276 Resp: 124401

Ion	Ratio	Lower	Upper
276	100		
277	24.0	20.5	30.7
138	19.8	18.2	27.4



Instrument :
BNA_N
ClientSampleId :
PB139177BS