Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092421\
Data File : BN016465.D
Acq On : 25 Sep 2021 09:01
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Sep 26 07:02:25 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 24 03:35:41 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.670	152	22048	0.400	ng	0.00
7) Naphthalene-d8	10.432	136	92772	0.400	ng	#-0.01
13) Acenaphthene-d10	14.294	164	46871	0.400	ng	0.00
19) Phenanthrene-d10	17.041	188	87939	0.400	ng	0.00
29) Chrysene-d12	21.248	240	86758	0.400	ng	# 0.00
35) Perylene-d12	23.518	264	79332	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.272	112	18449	0.373	ng	0.00
5) Phenol-d6	6.849	99	21505	0.368	ng	0.00
8) Nitrobenzene-d5	8.809	82	27089	0.413	ng	0.00
11) 2-Methylnaphthalene-d10	12.029	152	51586	0.375	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	4356	0.374	ng	0.00
15) 2-Fluorobiphenyl	12.911	172	72732	0.370	ng	-0.01
27) Fluoranthene-d10	19.087	212	87784	0.364	ng	0.00
31) Terphenyl-d14	19.698	244	75623	0.375	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.281	88	3826	0.405	ng	# 83
3) n-Nitrosodimethylamine	3.603	42	9445	0.416	ng	# 71
6) bis(2-Chloroethyl)ether	7.107	93	23786	0.403	ng	93
9) Naphthalene	10.482	128	92910	0.376	ng	100
10) Hexachlorobutadiene	10.774	225	19319	0.393	ng	# 99
12) 2-Methylnaphthalene	12.100	142	59764	0.381	ng	98
16) Acenaphthylene	14.002	152	73439	0.385	ng	100
17) Acenaphthene	14.357	154	49590	0.366	ng	97
18) Fluorene	15.347	166	58923	0.362	ng	99
20) 4,6-Dinitro-2-methylph...	15.436	198	998	0.245	ng	# 77
21) 4-Bromophenyl-phenylether	16.250	248	18898	0.368	ng	94
22) Hexachlorobenzene	16.348	284	19785	0.389	ng	# 90
23) Atrazine	16.518	200	11570	0.373	ng	# 91
24) Pentachlorophenol	16.701	266	4940	0.433	ng	99
25) Phenanthrene	17.090	178	96924	0.370	ng	99
26) Anthracene	17.175	178	78516	0.360	ng	99
28) Fluoranthene	19.117	202	108303	0.378	ng	99
30) Pyrene	19.480	202	107249	0.395	ng	99
32) Benzo(a)anthracene	21.238	228	95003	0.378	ng	99
33) Chrysene	21.291	228	108556	0.402	ng	100
34) Bis(2-ethylhexyl)phtha...	21.185	149	29670	0.433	ng	98
36) Indeno(1,2,3-cd)pyrene	25.812	276	92371	0.359	ng	99
37) Benzo(b)fluoranthene	22.834	252	97378	0.367	ng	98
38) Benzo(k)fluoranthene	22.878	252	100168	0.391	ng	99
39) Benzo(a)pyrene	23.416	252	80474	0.372	ng	# 97
40) Dibenzo(a,h)anthracene	25.832	278	77809	0.355	ng	95
41) Benzo(g,h,i)perylene	26.510	276	75546	0.336	ng	95

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

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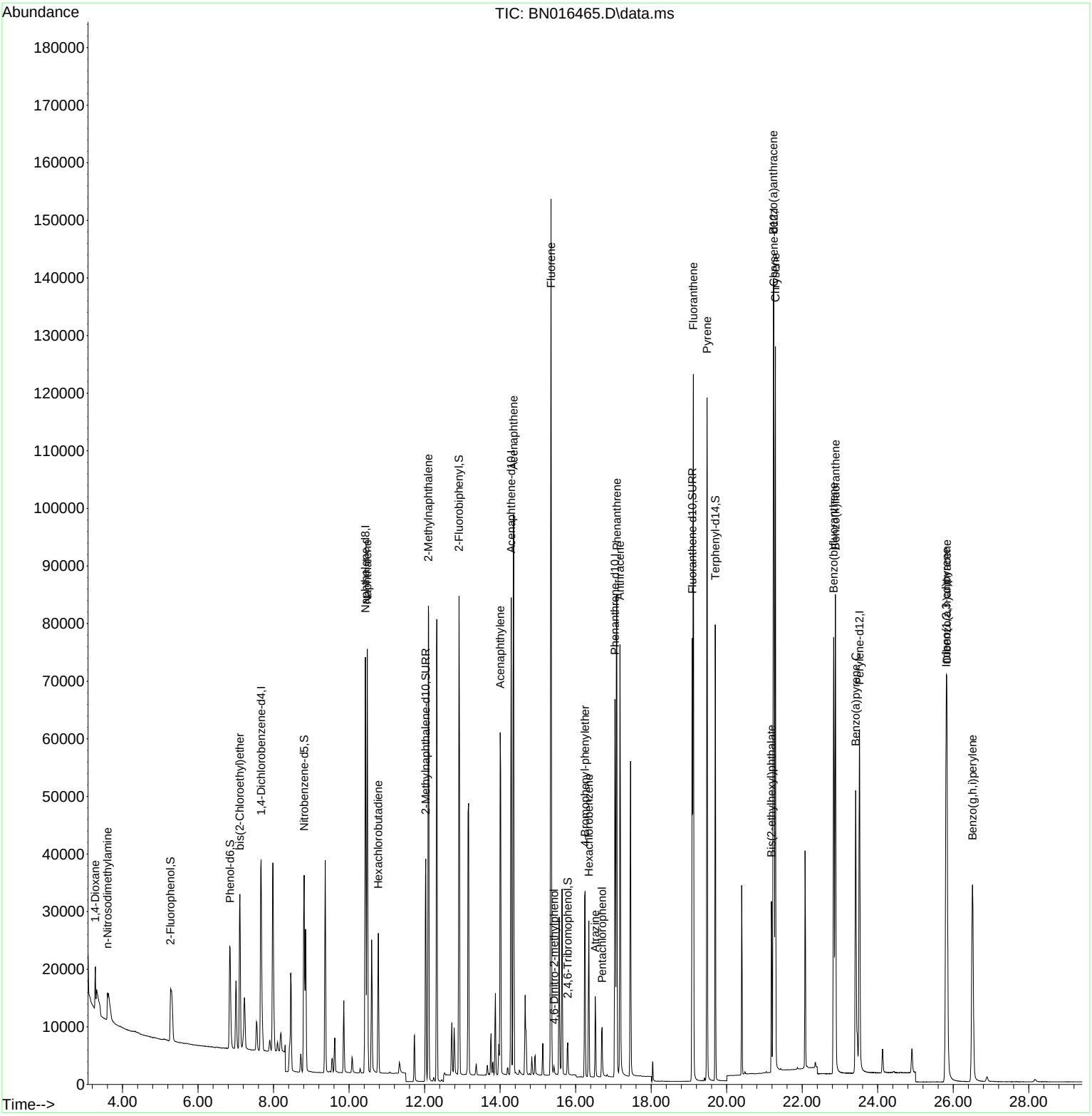
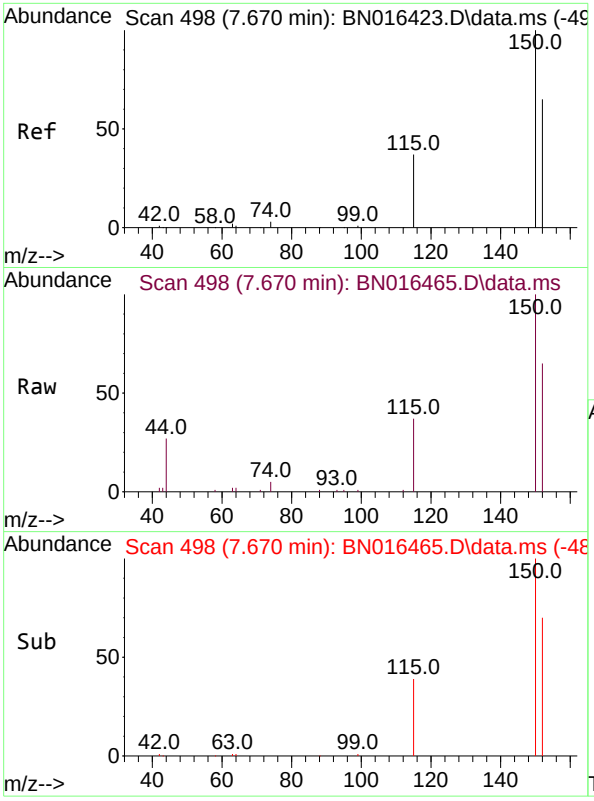
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Sep 26 07:02:25 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 24 03:35:41 2021
Response via : Initial Calibration

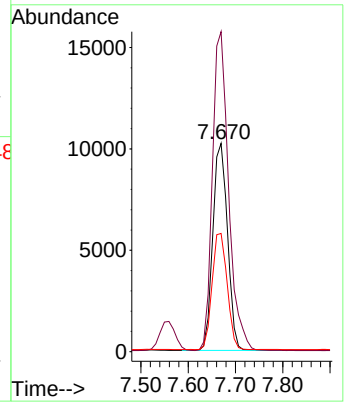




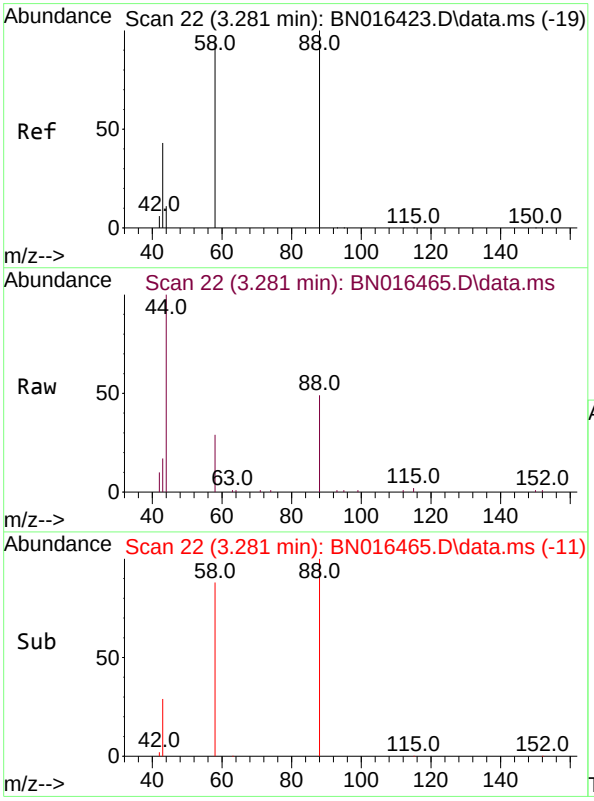
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.670 min Scan# 498
Delta R.T. -0.000 min
Lab File: BN016465.D
Acq: 25 Sep 2021 09:01

Tgt Ion:152 Resp: 22048

Ion	Ratio	Lower	Upper
152	100		
150	153.6	125.6	188.4
115	56.8	50.2	75.2



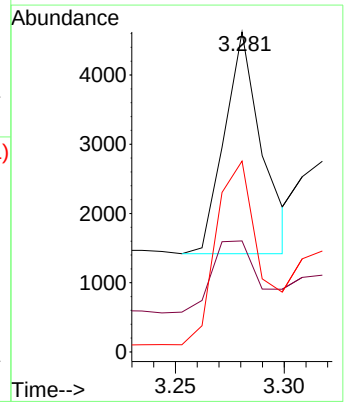
Instrument :
BNA_N
ClientSampleId :



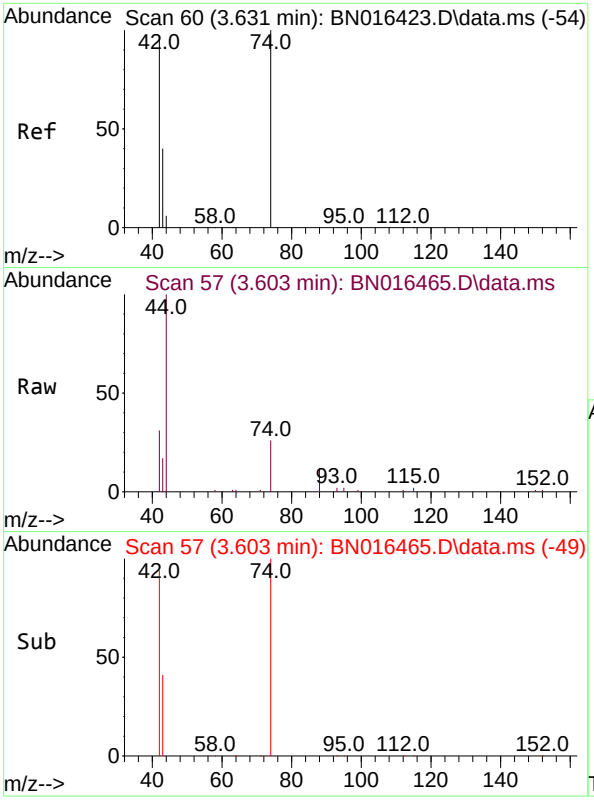
#2
1,4-Dioxane
Concen: 0.405 ng
RT: 3.281 min Scan# 22
Delta R.T. -0.000 min
Lab File: BN016465.D
Acq: 25 Sep 2021 09:01

Tgt Ion: 88 Resp: 3826

Ion	Ratio	Lower	Upper
88	100		
43	42.6	20.3	30.5#
58	99.0	69.9	104.9



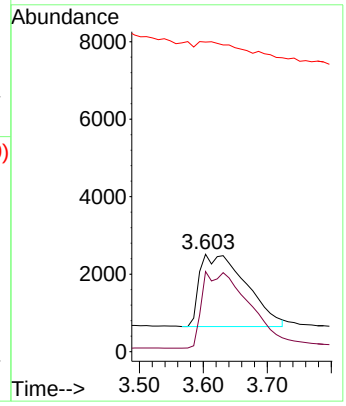
Instrument :
BNA_N
ClientSampleId :

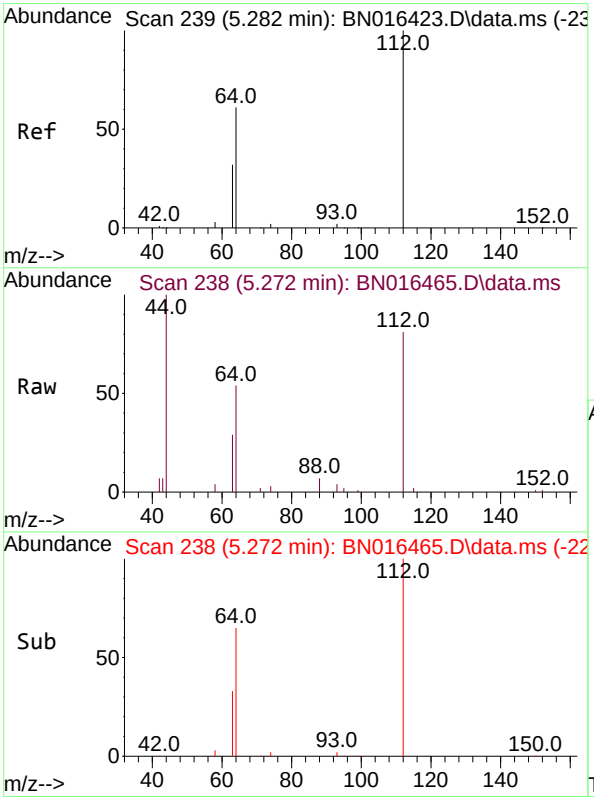


#3
n-Nitrosodimethylamine
Concen: 0.416 ng
RT: 3.603 min Scan# 57
Delta R.T. -0.028 min
Lab File: BN016465.D
Acq: 25 Sep 2021 09:01

Tgt Ion: 42 Resp: 9445

Ion	Ratio	Lower	Upper
42	100		
74	106.2	113.6	170.4#
44	0.0	0.0	0.0

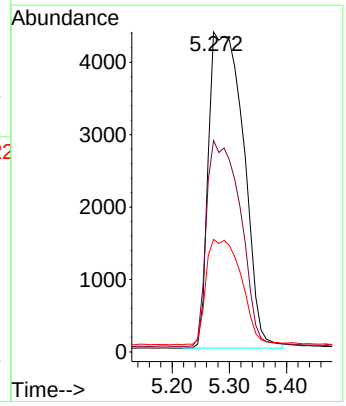




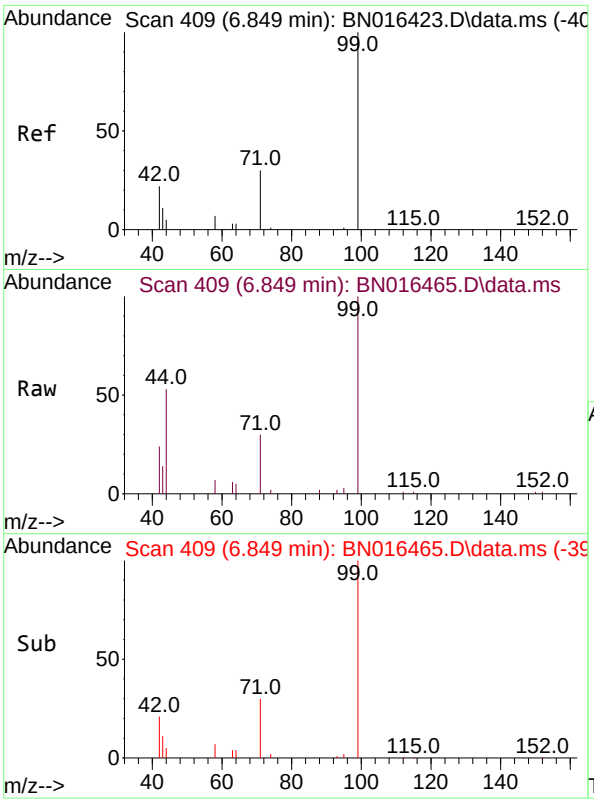
#4
2-Fluorophenol
Concen: 0.373 ng
RT: 5.272 min Scan# 238
Delta R.T. -0.009 min
Lab File: BN016465.D
Acq: 25 Sep 2021 09:01

Tgt Ion:112 Resp: 18449

Ion	Ratio	Lower	Upper
112	100		
64	63.3	47.3	70.9
63	33.5	23.4	35.0



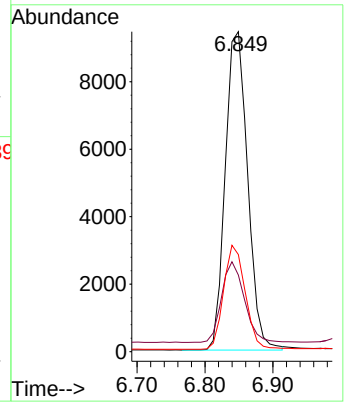
Instrument :
BNA_N
ClientSampleId :

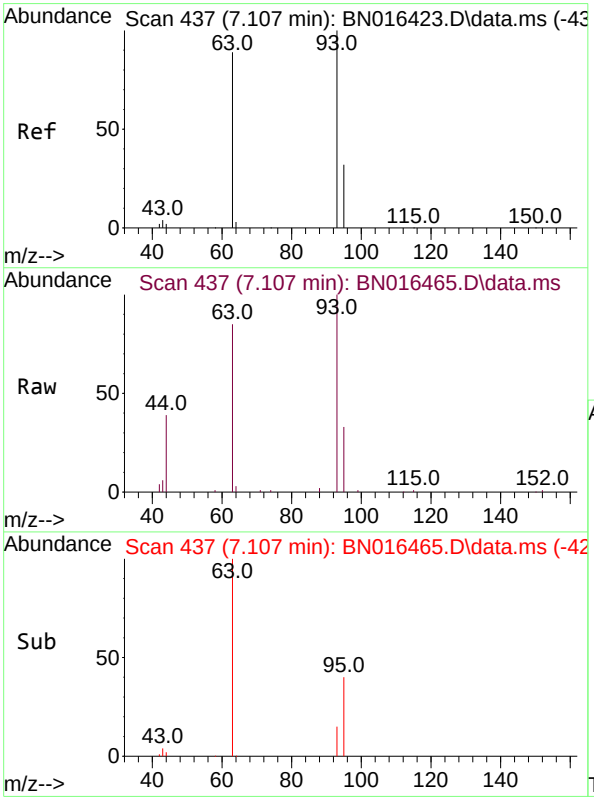


#5
Phenol-d6
Concen: 0.368 ng
RT: 6.849 min Scan# 409
Delta R.T. -0.000 min
Lab File: BN016465.D
Acq: 25 Sep 2021 09:01

Tgt Ion: 99 Resp: 21505

Ion	Ratio	Lower	Upper
99	100		
42	25.9	14.0	21.0#
71	31.6	23.8	35.6

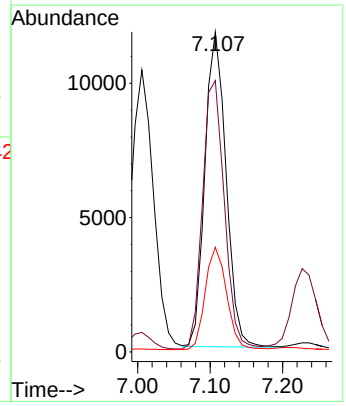




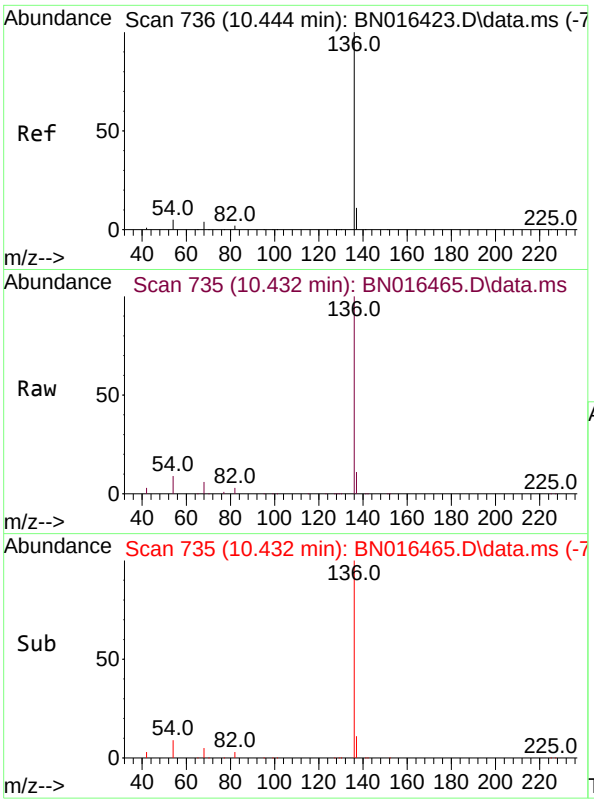
#6
bis(2-Chloroethyl)ether
Concen: 0.403 ng
RT: 7.107 min Scan# 437
Delta R.T. -0.000 min
Lab File: BN016465.D
Acq: 25 Sep 2021 09:01

Tgt Ion: 93 Resp: 23786

Ion	Ratio	Lower	Upper
93	100		
63	87.8	63.4	95.0
95	32.9	26.8	40.2



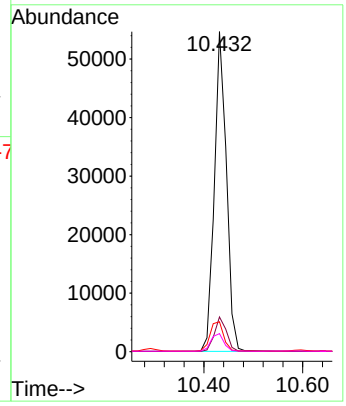
Instrument :
BNA_N
ClientSampleId :

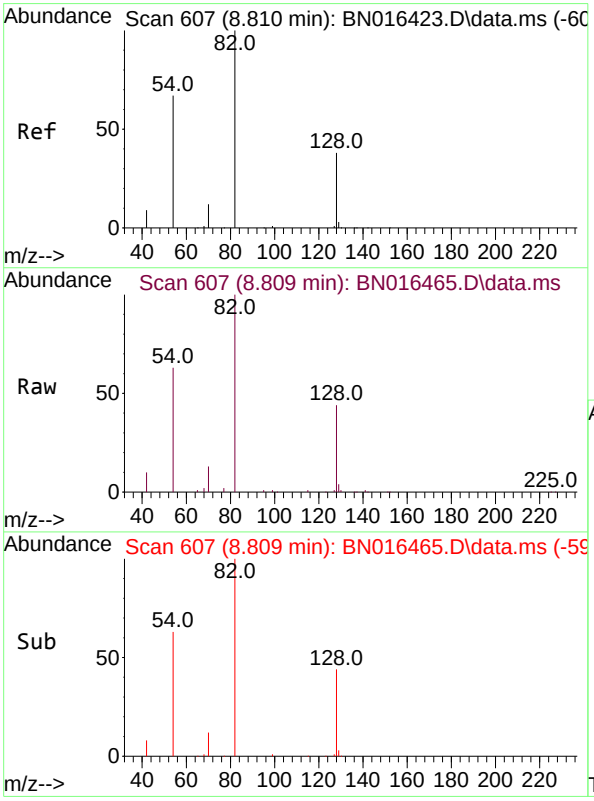


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.432 min Scan# 735
Delta R.T. -0.013 min
Lab File: BN016465.D
Acq: 25 Sep 2021 09:01

Tgt Ion:136 Resp: 92772

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	9.3	5.3	7.9#
68	5.7	3.9	5.9

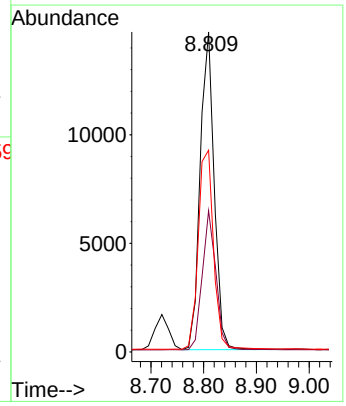


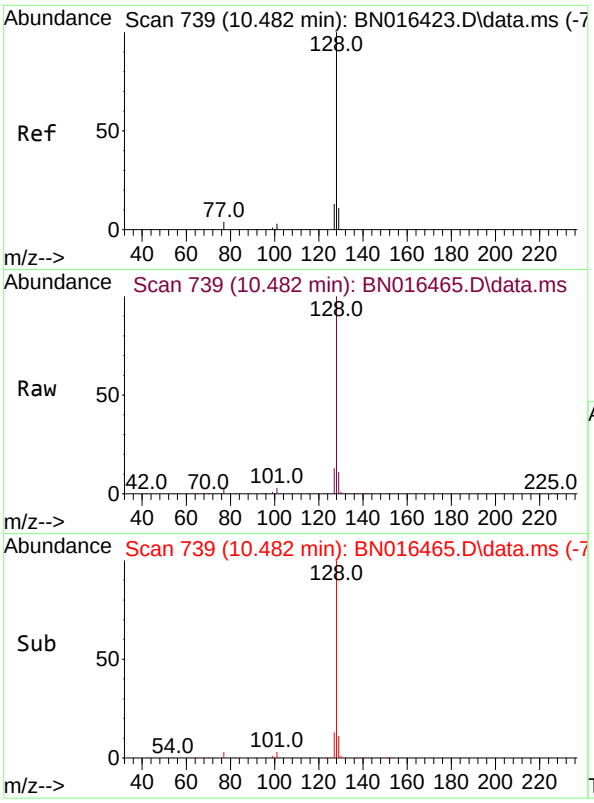


#8
Nitrobenzene-d5
Concen: 0.413 ng
RT: 8.809 min Scan# 607
Delta R.T. -0.000 min
Lab File: BN016465.D
Acq: 25 Sep 2021 09:01

Tgt Ion: 82 Resp: 27089

Ion	Ratio	Lower	Upper
82	100		
128	44.2	31.7	47.5
54	63.1	46.4	69.6

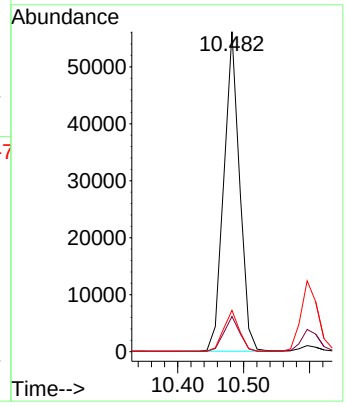




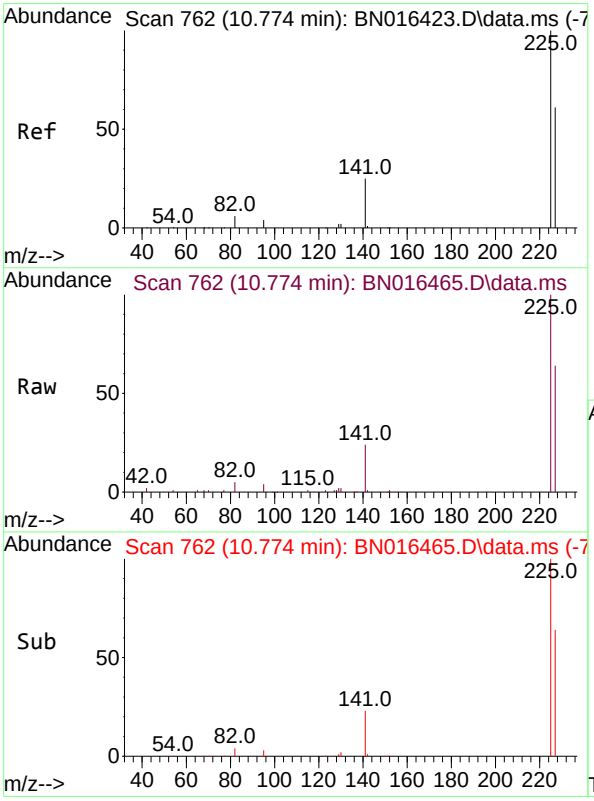
#9
Naphthalene
Concen: 0.376 ng
RT: 10.482 min Scan# 739
Delta R.T. -0.000 min
Lab File: BN016465.D
Acq: 25 Sep 2021 09:01

Tgt Ion:128 Resp: 92910

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.9	13.3
127	12.9	10.1	15.1



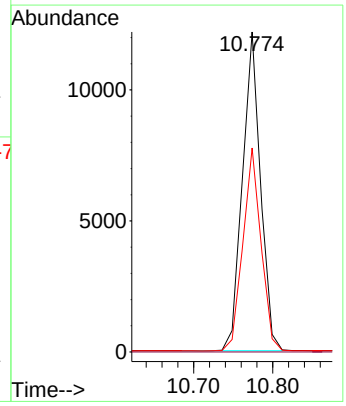
Instrument :
BNA_N
ClientSampleId :

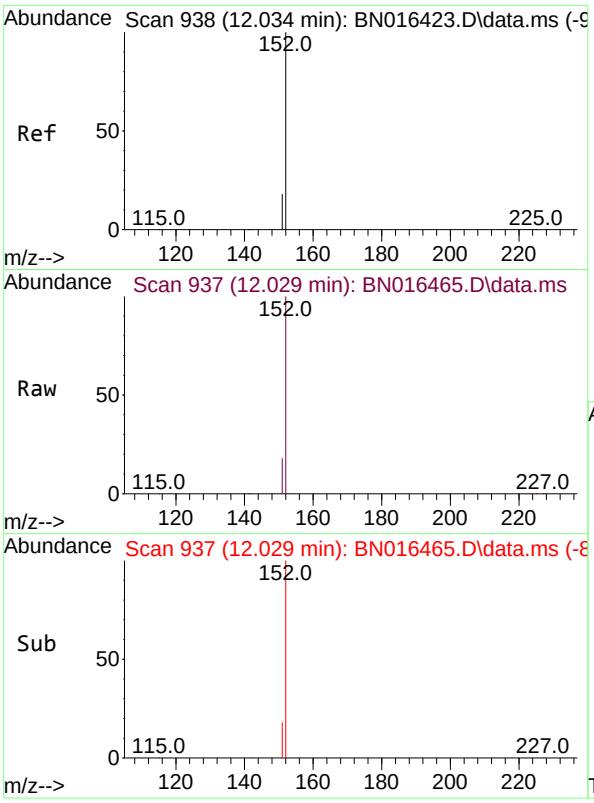


#10
Hexachlorobutadiene
Concen: 0.393 ng
RT: 10.774 min Scan# 762
Delta R.T. -0.000 min
Lab File: BN016465.D
Acq: 25 Sep 2021 09:01

Tgt Ion:225 Resp: 19319

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

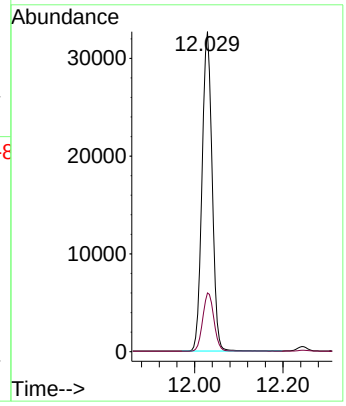




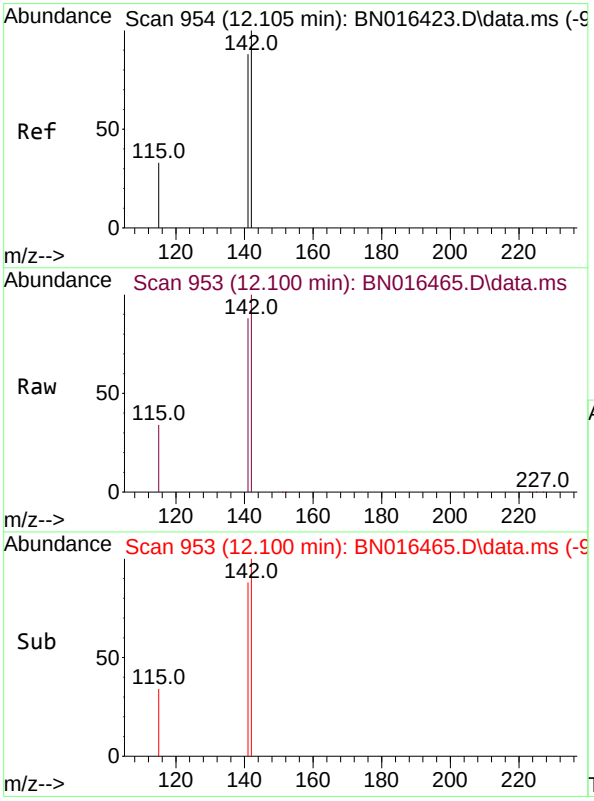
#11
2-Methylnaphthalene-d10
Concen: 0.375 ng
RT: 12.029 min Scan# 937
Delta R.T. -0.005 min
Lab File: BN016465.D
Acq: 25 Sep 2021 09:01

Tgt Ion:152 Resp: 51586

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.1	24.1



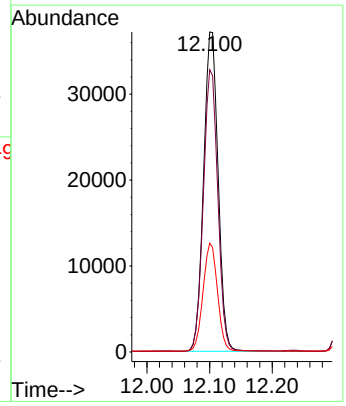
Instrument :
BNA_N
ClientSampleId :

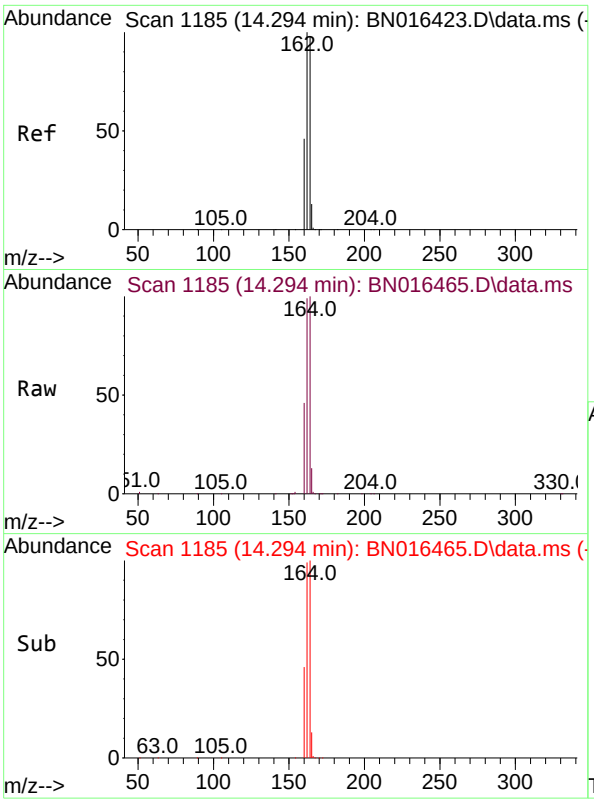


#12
2-Methylnaphthalene
Concen: 0.381 ng
RT: 12.100 min Scan# 953
Delta R.T. -0.005 min
Lab File: BN016465.D
Acq: 25 Sep 2021 09:01

Tgt Ion:142 Resp: 59764

Ion	Ratio	Lower	Upper
142	100		
141	88.2	69.8	104.8
115	34.0	24.4	36.6

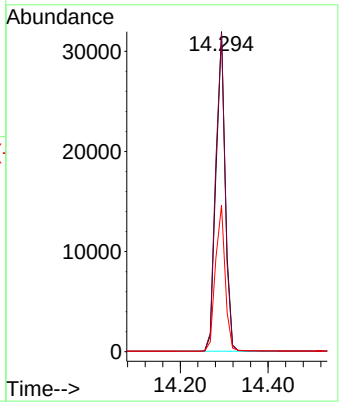




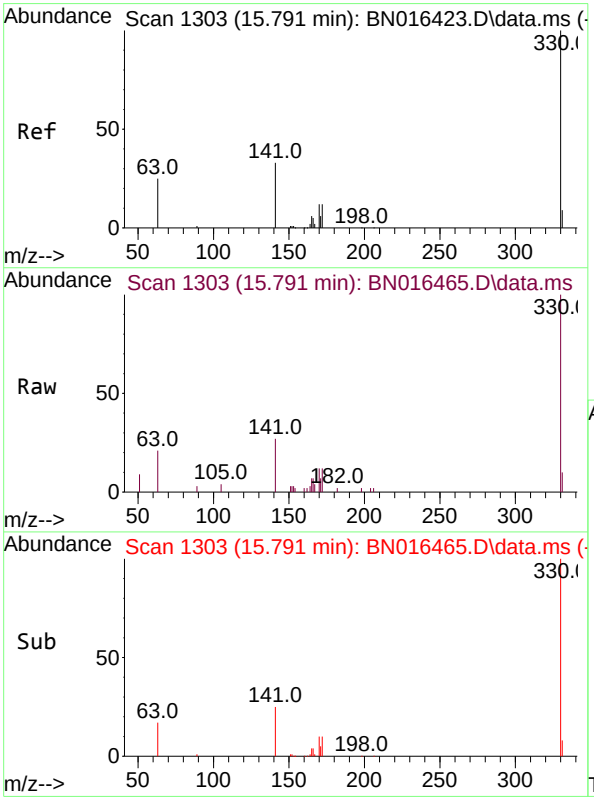
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.294 min Scan# 1185
Delta R.T. -0.000 min
Lab File: BN016465.D
Acq: 25 Sep 2021 09:01

Tgt Ion:164 Resp: 46871

Ion	Ratio	Lower	Upper
164	100		
162	99.5	79.0	118.4
160	45.7	34.1	51.1



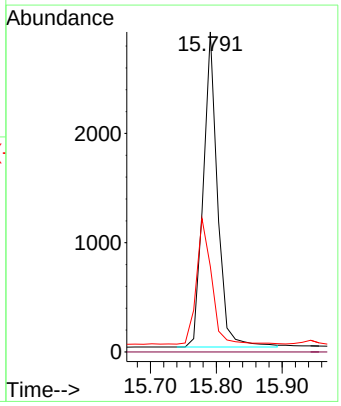
Instrument :
BNA_N
ClientSampleId :



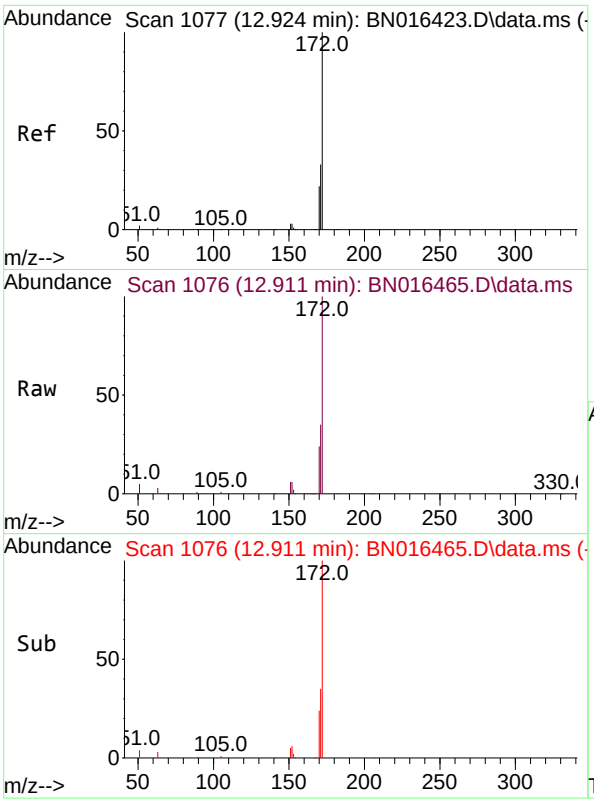
#14
2,4,6-Tribromophenol
Concen: 0.374 ng
RT: 15.791 min Scan# 1303
Delta R.T. -0.000 min
Lab File: BN016465.D
Acq: 25 Sep 2021 09:01

Tgt Ion:330 Resp: 4356

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	42.3	25.0	37.4#



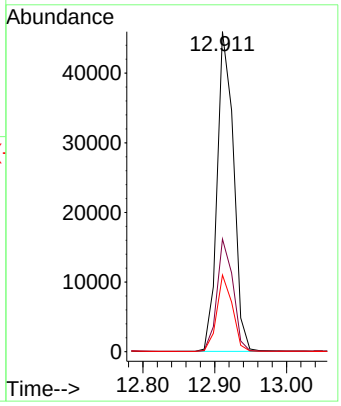
Instrument :
BNA_N
ClientSampleId :

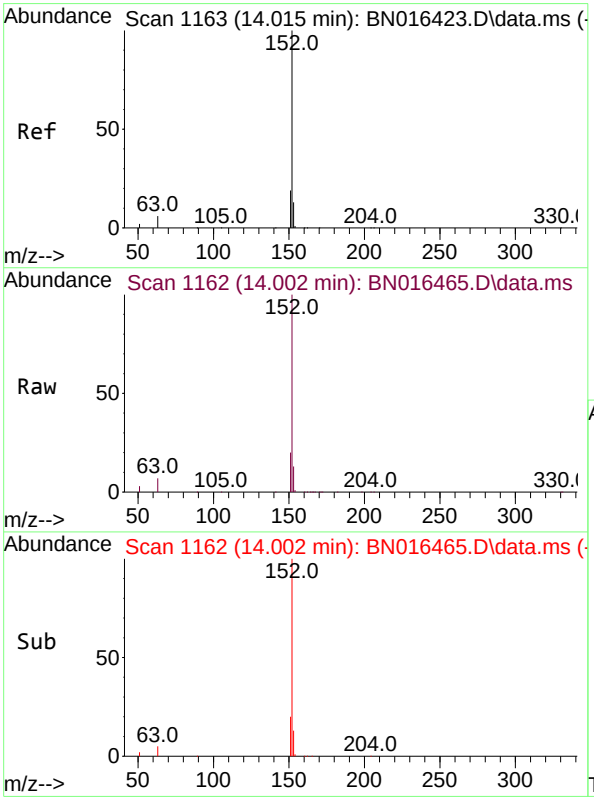


#15
2-Fluorobiphenyl
Concen: 0.370 ng
RT: 12.911 min Scan# 1076
Delta R.T. -0.013 min
Lab File: BN016465.D
Acq: 25 Sep 2021 09:01

Tgt Ion:172 Resp: 72732

Ion	Ratio	Lower	Upper
172	100		
171	35.2	27.8	41.6
170	24.0	18.2	27.2

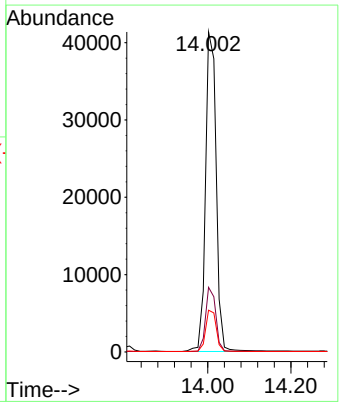




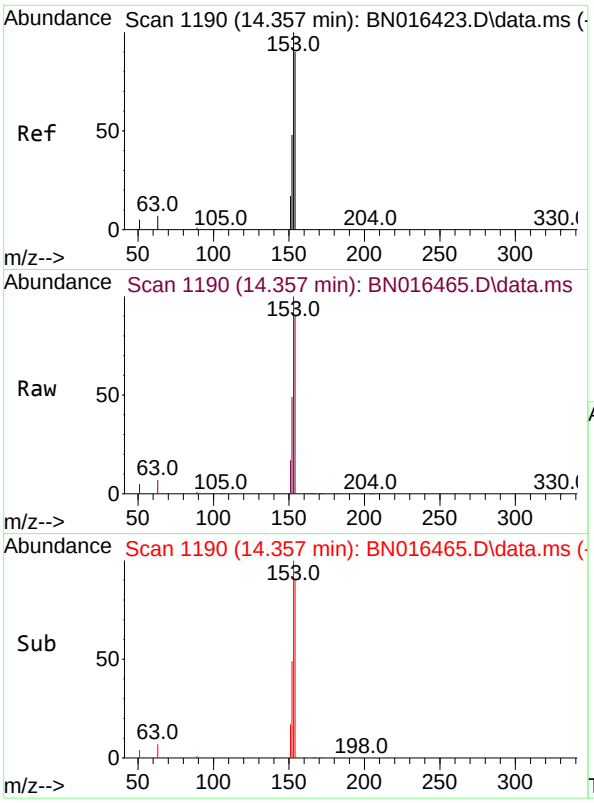
#16
Acenaphthylene
Concen: 0.385 ng
RT: 14.002 min Scan# 1162
Delta R.T. -0.013 min
Lab File: BN016465.D
Acq: 25 Sep 2021 09:01

Tgt Ion:152 Resp: 73439

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.2	22.8
153	13.0	10.5	15.7



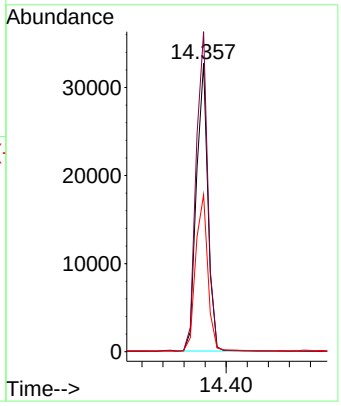
Instrument :
BNA_N
ClientSampleId :

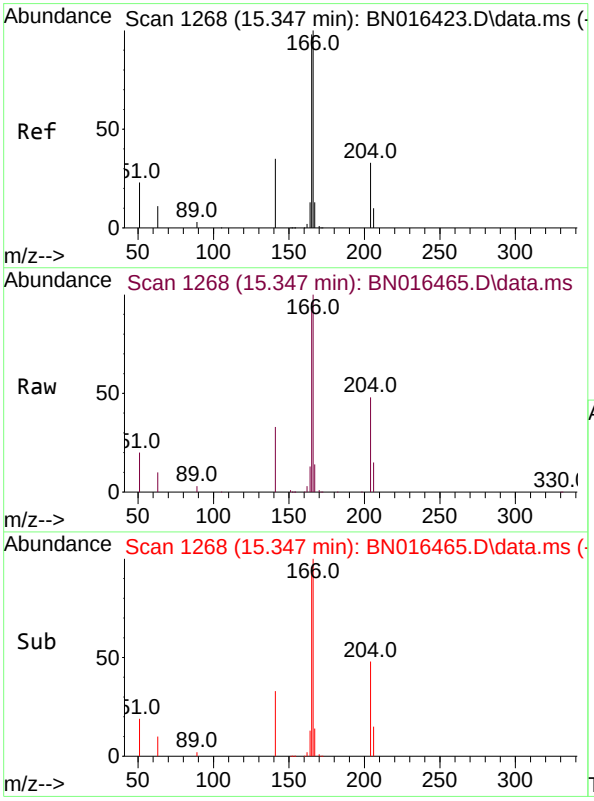


#17
Acenaphthene
Concen: 0.366 ng
RT: 14.357 min Scan# 1190
Delta R.T. -0.000 min
Lab File: BN016465.D
Acq: 25 Sep 2021 09:01

Tgt Ion:154 Resp: 49590

Ion	Ratio	Lower	Upper
154	100		
153	112.8	89.3	133.9
152	57.1	42.2	63.4

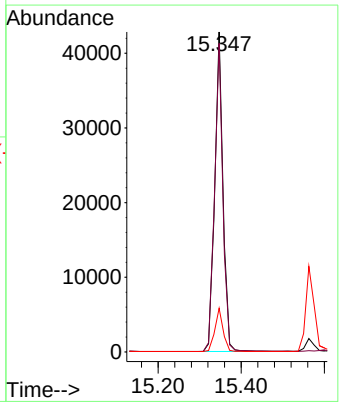




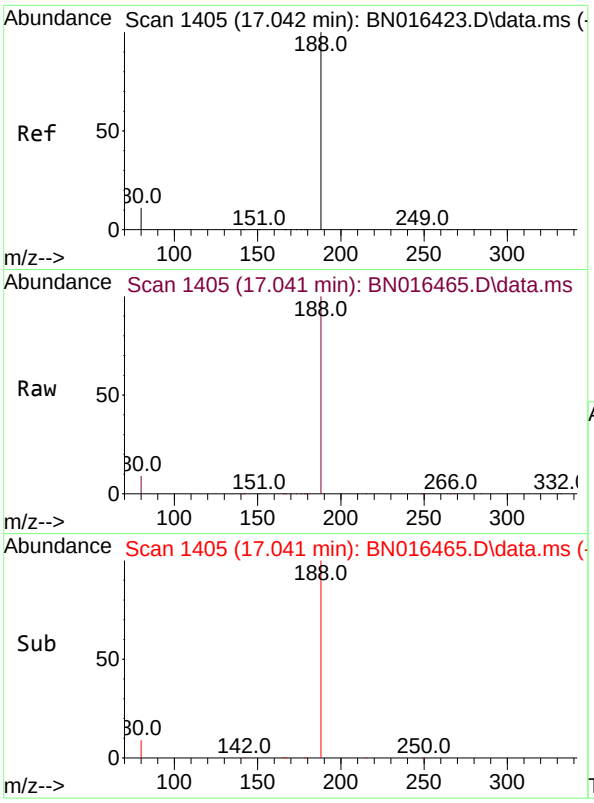
#18
Fluorene
Concen: 0.362 ng
RT: 15.347 min Scan# 1268
Delta R.T. -0.000 min
Lab File: BN016465.D
Acq: 25 Sep 2021 09:01

Tgt Ion:166 Resp: 58923

Ion	Ratio	Lower	Upper
166	100		
165	97.3	76.7	115.1
167	13.6	10.9	16.3



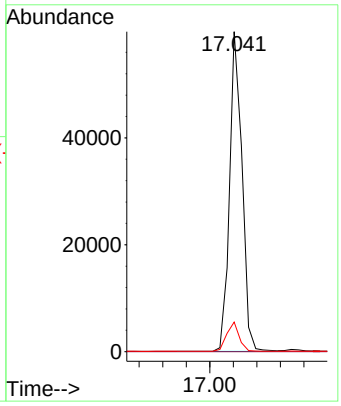
Instrument :
BNA_N
ClientSampleId :

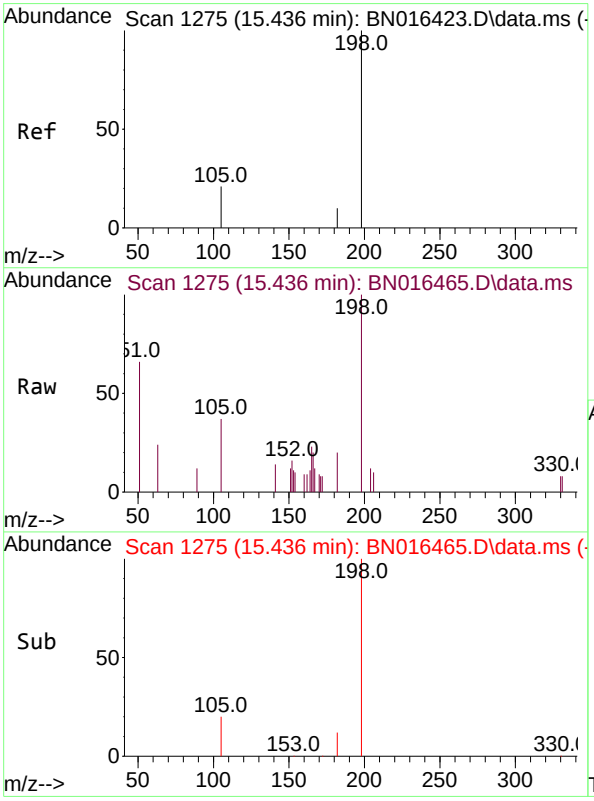


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.041 min Scan# 1405
Delta R.T. -0.001 min
Lab File: BN016465.D
Acq: 25 Sep 2021 09:01

Tgt Ion:188 Resp: 87939

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.3	7.0	10.6

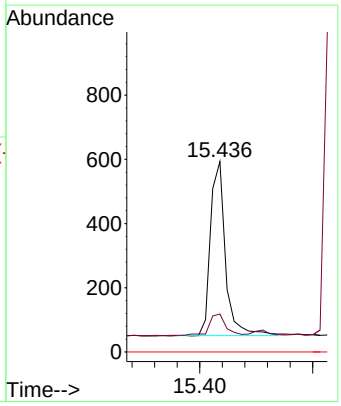




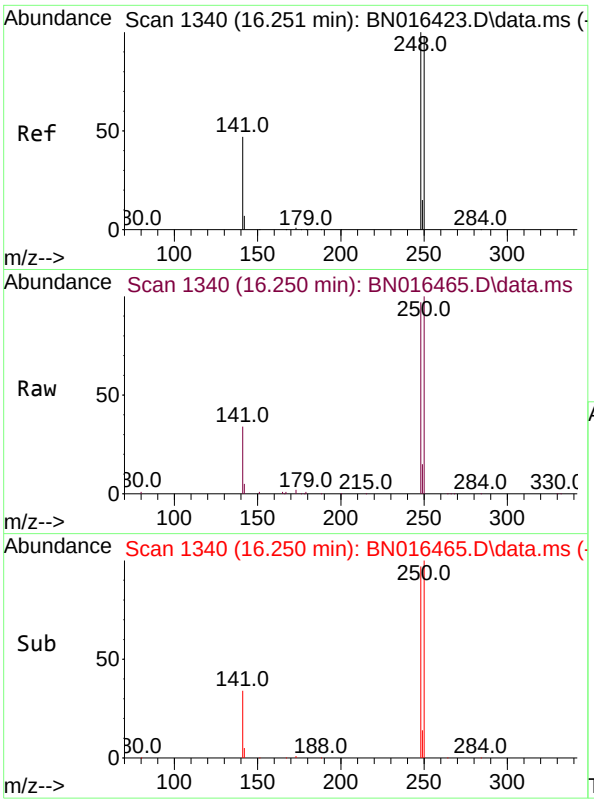
#20
4,6-Dinitro-2-methylphenol
Concen: 0.245 ng
RT: 15.436 min Scan# 1275
Delta R.T. -0.000 min
Lab File: BN016465.D
Acq: 25 Sep 2021 09:01

Tgt Ion:198 Resp: 998

Ion	Ratio	Lower	Upper
198	100		
182	19.9	26.6	39.8#
77	0.0	0.0	0.0



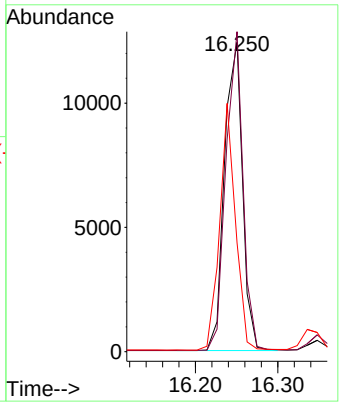
Instrument :
BNA_N
ClientSampleId :

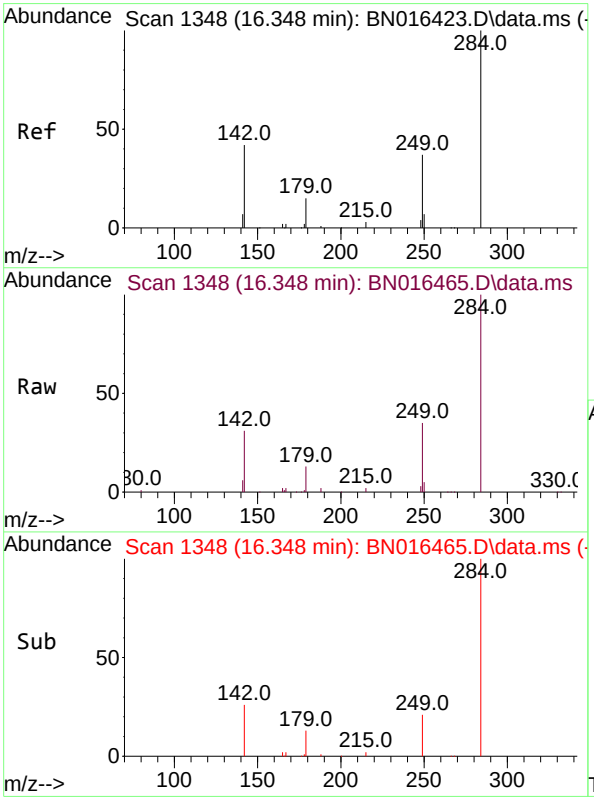


#21
4-Bromophenyl-phenylether
Concen: 0.368 ng
RT: 16.250 min Scan# 1340
Delta R.T. -0.000 min
Lab File: BN016465.D
Acq: 25 Sep 2021 09:01

Tgt Ion:248 Resp: 18898

Ion	Ratio	Lower	Upper
248	100		
250	103.4	80.5	120.7
141	35.2	34.8	52.2

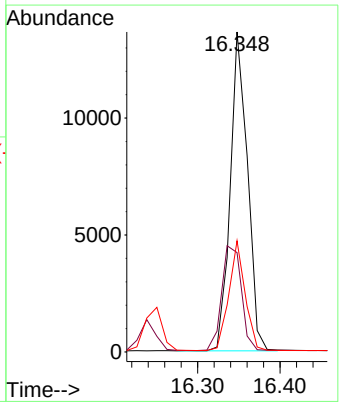


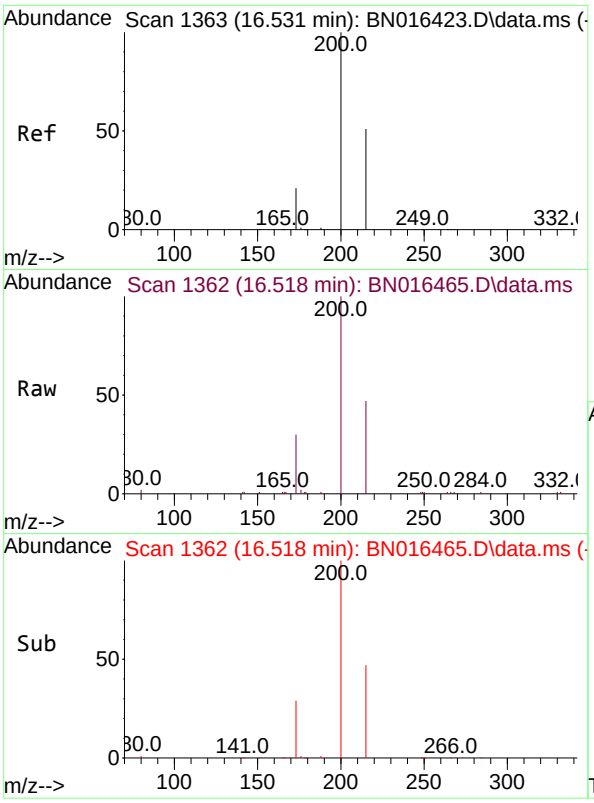


#22
Hexachlorobenzene
Concen: 0.389 ng
RT: 16.348 min Scan# 1348
Delta R.T. -0.000 min
Lab File: BN016465.D
Acq: 25 Sep 2021 09:01

Tgt Ion:284 Resp: 19785

Ion	Ratio	Lower	Upper
284	100		
142	37.6	22.6	34.0#
249	32.5	24.4	36.6

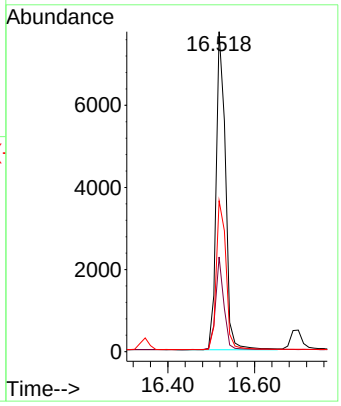




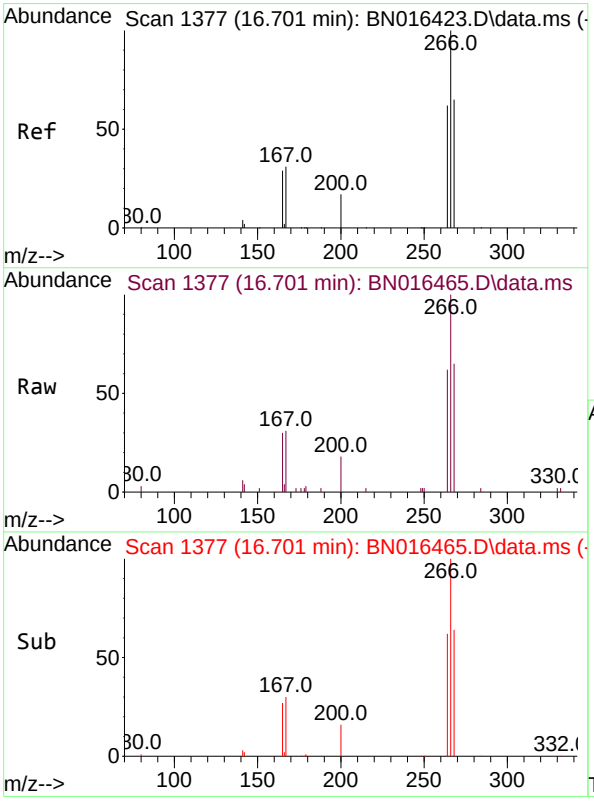
#23
Atrazine
Concen: 0.373 ng
RT: 16.518 min Scan# 1362
Delta R.T. -0.013 min
Lab File: BN016465.D
Acq: 25 Sep 2021 09:01

Tgt Ion:200 Resp: 11570

Ion	Ratio	Lower	Upper
200	100		
173	29.6	18.7	28.1#
215	47.2	41.6	62.4



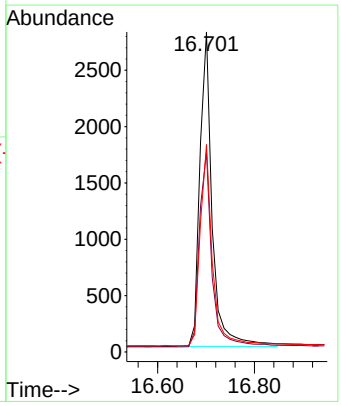
Instrument :
BNA_N
ClientSampleId :



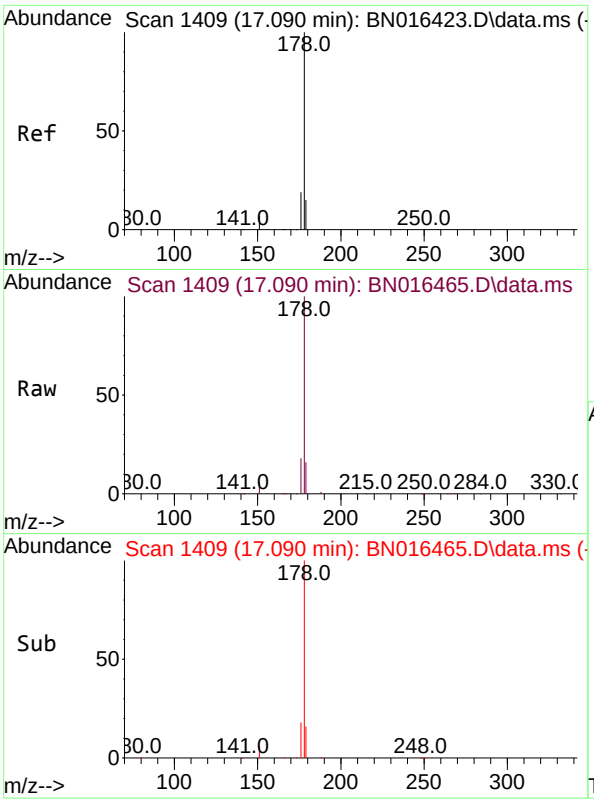
#24
Pentachlorophenol
Concen: 0.433 ng
RT: 16.701 min Scan# 1377
Delta R.T. -0.000 min
Lab File: BN016465.D
Acq: 25 Sep 2021 09:01

Tgt Ion:266 Resp: 4940

Ion	Ratio	Lower	Upper
266	100		
264	63.7	50.6	75.8
268	64.0	52.6	79.0



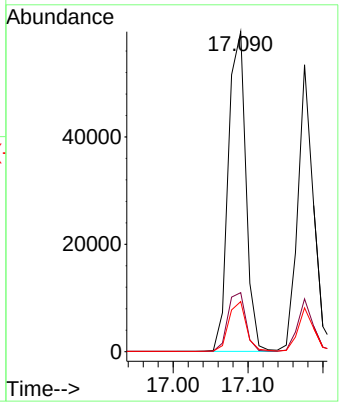
Instrument :
BNA_N
ClientSampleId :

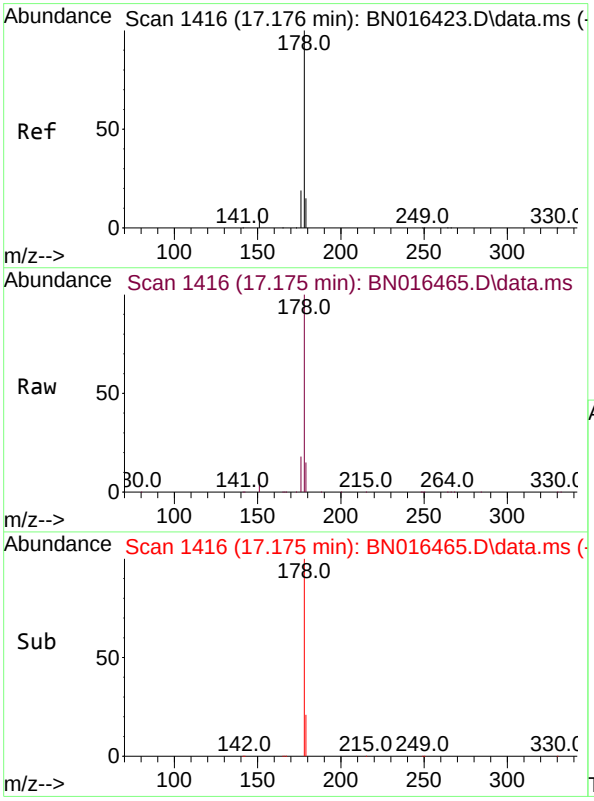


#25
Phenanthrene
Concen: 0.370 ng
RT: 17.090 min Scan# 1409
Delta R.T. -0.000 min
Lab File: BN016465.D
Acq: 25 Sep 2021 09:01

Tgt Ion:178 Resp: 96924

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.4	21.6
179	15.7	12.2	18.4

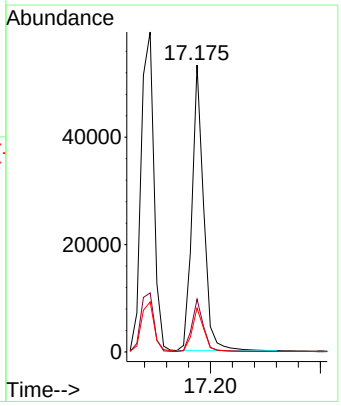


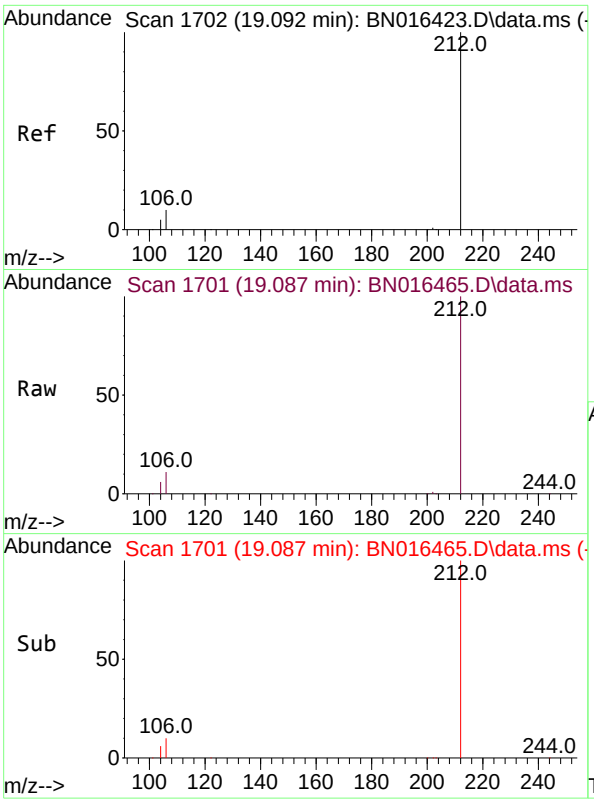


#26
Anthracene
Concen: 0.360 ng
RT: 17.175 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BN016465.D
Acq: 25 Sep 2021 09:01

Tgt Ion:178 Resp: 78516

Ion	Ratio	Lower	Upper
178	100		
176	18.3	13.9	20.9
179	15.3	12.2	18.4

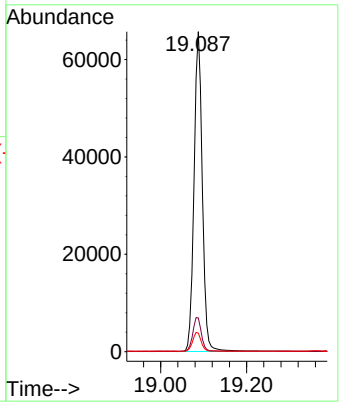




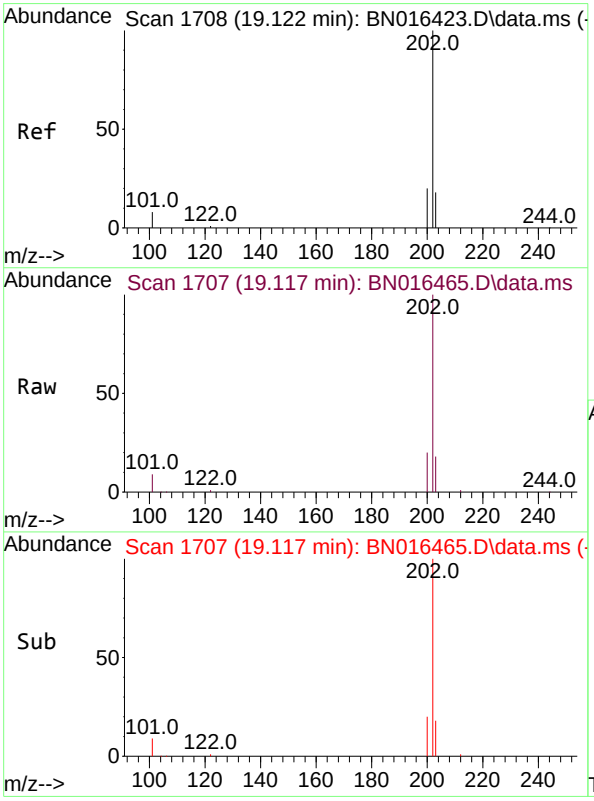
#27
Fluoranthene-d10
Concen: 0.364 ng
RT: 19.087 min Scan# 1701
Delta R.T. -0.005 min
Lab File: BN016465.D
Acq: 25 Sep 2021 09:01

Tgt Ion:212 Resp: 87784

Ion	Ratio	Lower	Upper
212	100		
106	11.0	9.8	14.6
104	6.1	5.4	8.2



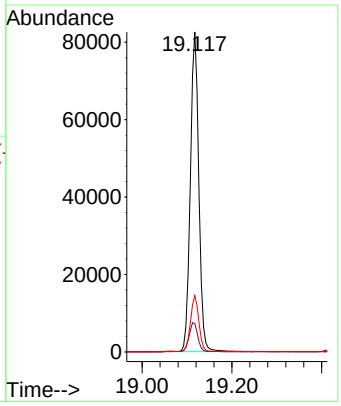
Instrument :
BNA_N
ClientSampleId :

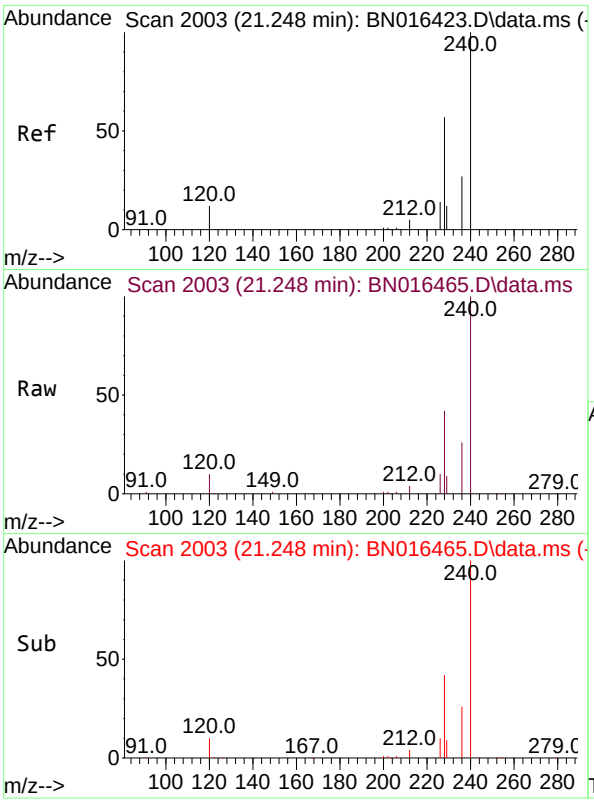


#28
Fluoranthene
Concen: 0.378 ng
RT: 19.117 min Scan# 1707
Delta R.T. -0.005 min
Lab File: BN016465.D
Acq: 25 Sep 2021 09:01

Tgt Ion:202 Resp: 108303

Ion	Ratio	Lower	Upper
202	100		
101	9.5	8.5	12.7
203	17.4	13.8	20.8

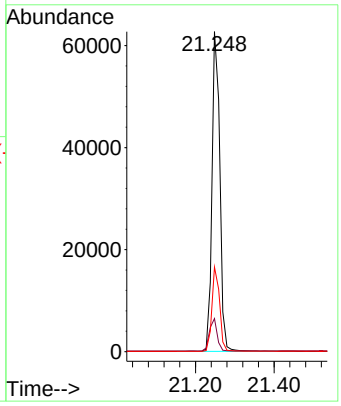




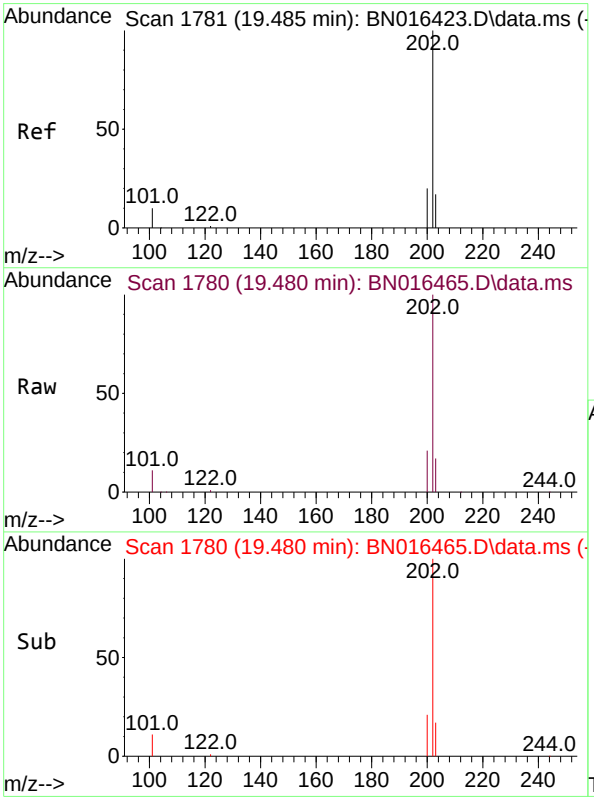
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.248 min Scan# 2003
Delta R.T. -0.000 min
Lab File: BN016465.D
Acq: 25 Sep 2021 09:01

Tgt Ion:240 Resp: 86758

Ion	Ratio	Lower	Upper
240	100		
120	10.4	5.3	7.9#
236	26.4	19.8	29.8



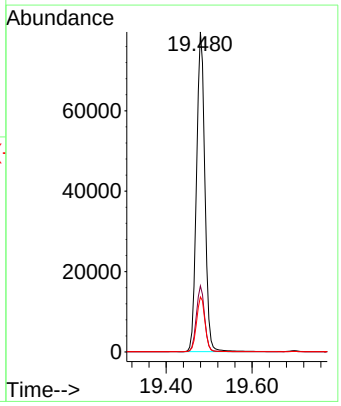
Instrument :
BNA_N
ClientSampleId :

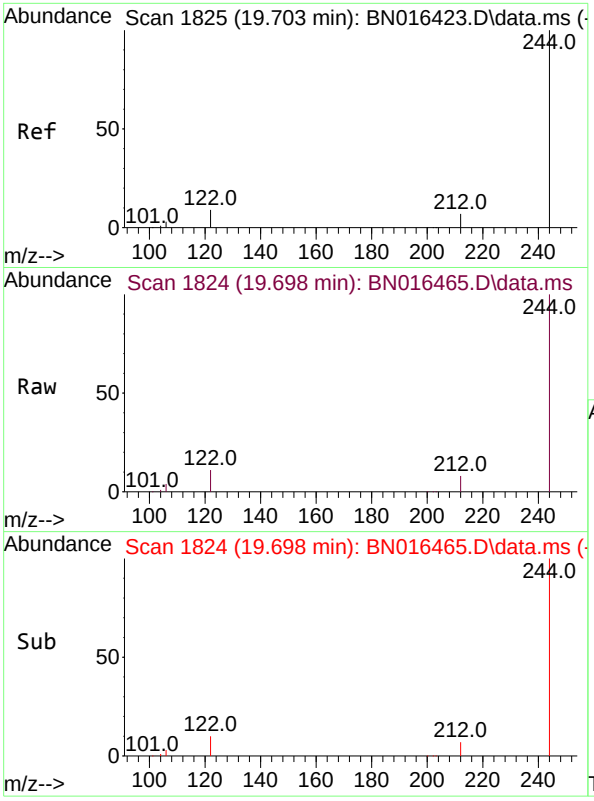


#30
Pyrene
Concen: 0.395 ng
RT: 19.480 min Scan# 1780
Delta R.T. -0.005 min
Lab File: BN016465.D
Acq: 25 Sep 2021 09:01

Tgt Ion:202 Resp: 107249

Ion	Ratio	Lower	Upper
202	100		
200	20.5	15.8	23.6
203	17.5	13.9	20.9

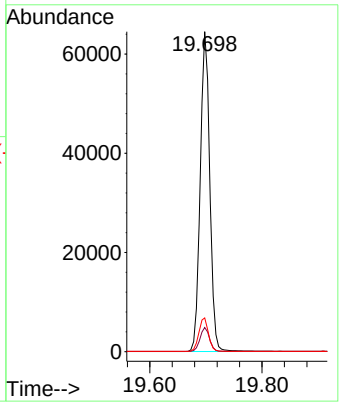




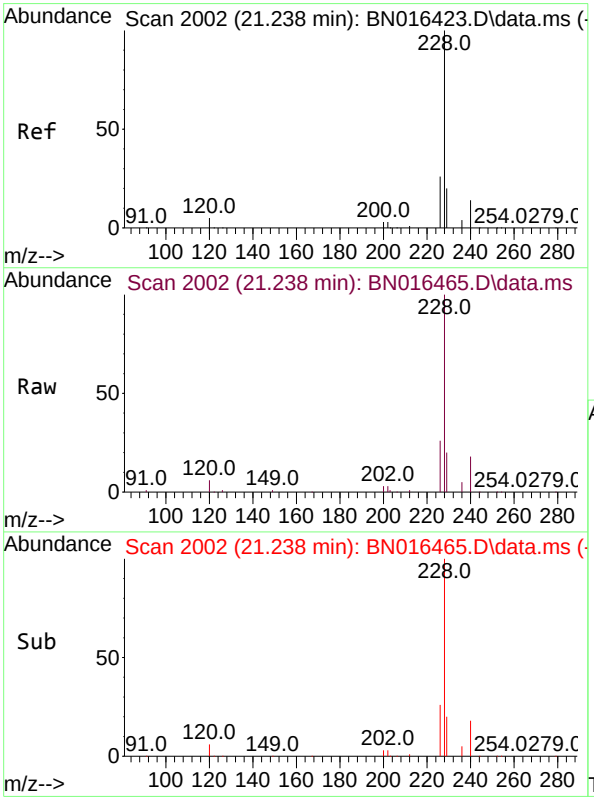
#31
Terphenyl-d14
Concen: 0.375 ng
RT: 19.698 min Scan# 1824
Delta R.T. -0.005 min
Lab File: BN016465.D
Acq: 25 Sep 2021 09:01

Tgt Ion:244 Resp: 75623

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.5	8.3
122	10.6	9.0	13.4



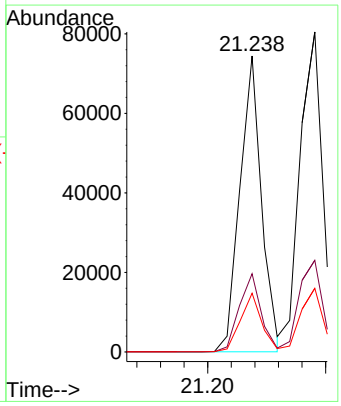
Instrument :
BNA_N
ClientSampleId :

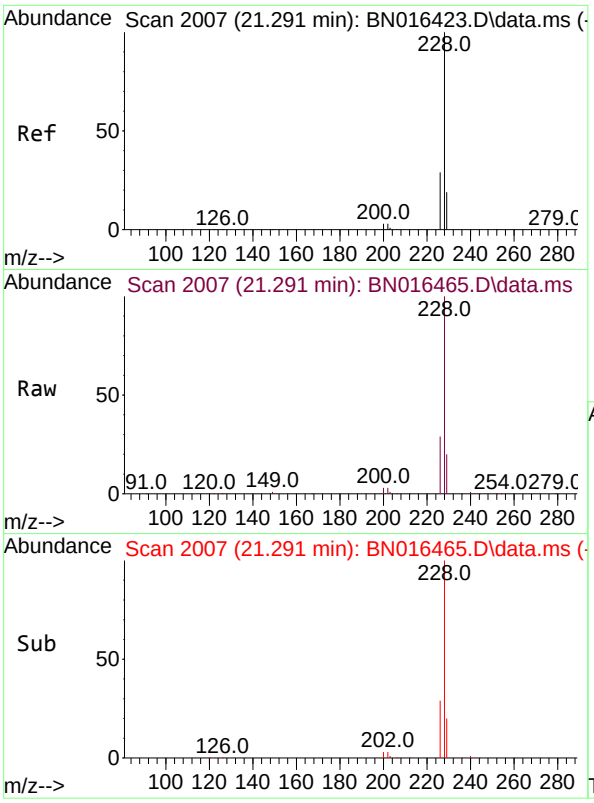


#32
Benzo(a)anthracene
Concen: 0.378 ng
RT: 21.238 min Scan# 2002
Delta R.T. -0.000 min
Lab File: BN016465.D
Acq: 25 Sep 2021 09:01

Tgt Ion:228 Resp: 95003

Ion	Ratio	Lower	Upper
228	100		
226	26.4	20.8	31.2
229	19.8	15.8	23.6

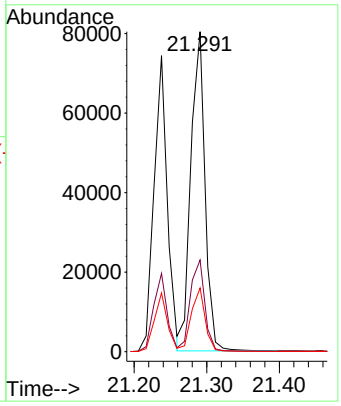




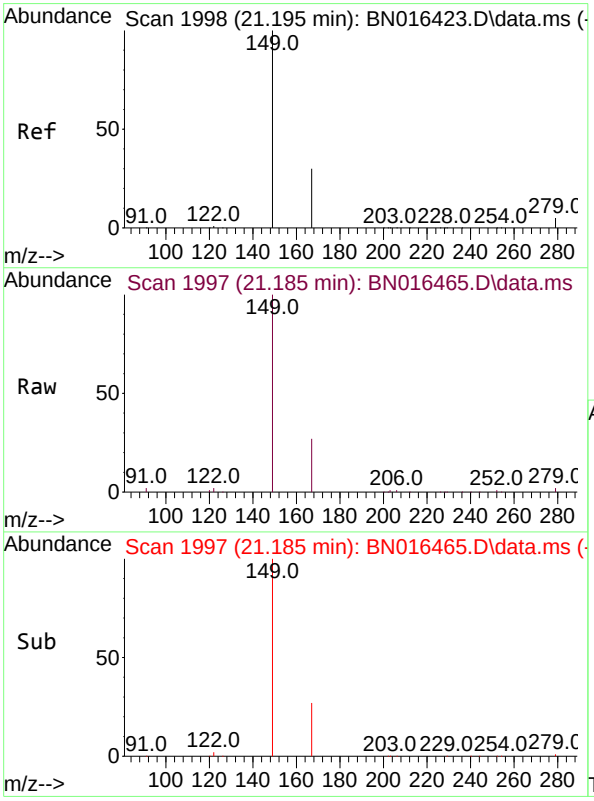
#33
Chrysene
Concen: 0.402 ng
RT: 21.291 min Scan# 2007
Delta R.T. -0.000 min
Lab File: BN016465.D
Acq: 25 Sep 2021 09:01

Tgt Ion:228 Resp: 108556

Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.0	34.4
229	19.9	15.6	23.4



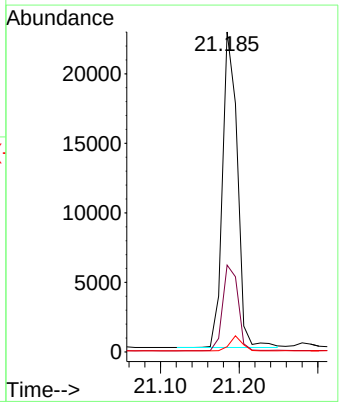
Instrument :
BNA_N
ClientSampleId :

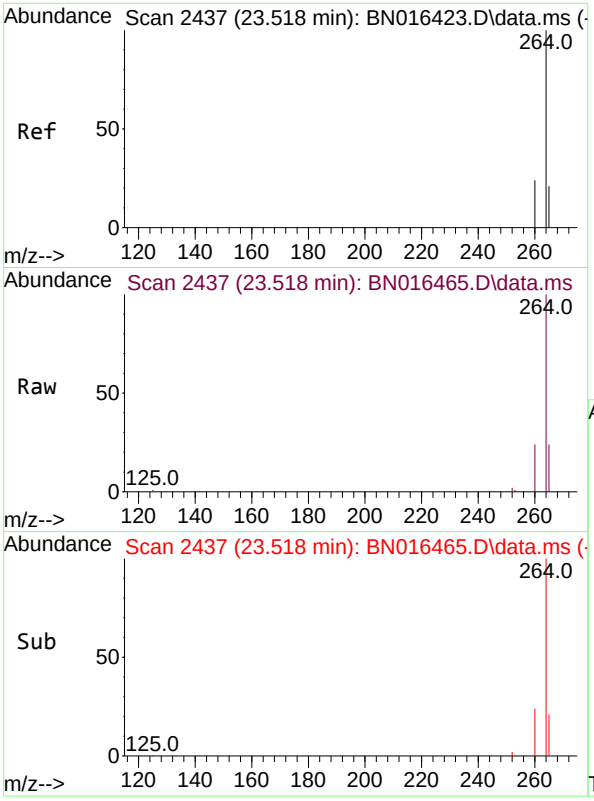


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.433 ng
RT: 21.185 min Scan# 1997
Delta R.T. -0.011 min
Lab File: BN016465.D
Acq: 25 Sep 2021 09:01

Tgt Ion:149 Resp: 29670

Ion	Ratio	Lower	Upper
149	100		
167	28.0	23.4	35.0
279	4.0	3.9	5.9

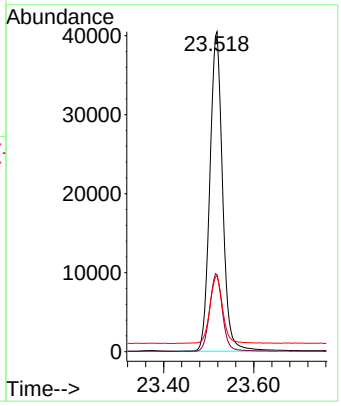




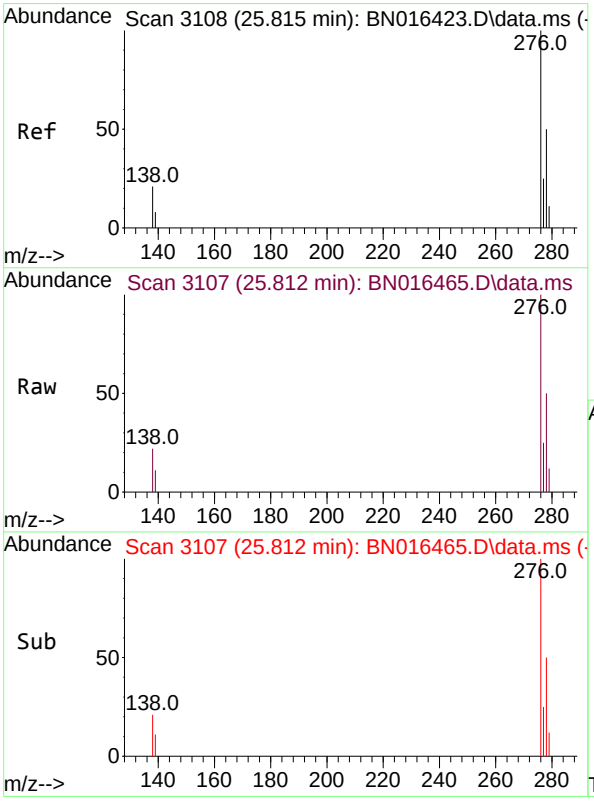
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.518 min Scan# 2437
Delta R.T. -0.000 min
Lab File: BN016465.D
Acq: 25 Sep 2021 09:01

Tgt Ion:264 Resp: 79332

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.9	28.3
265	23.7	23.7	35.5



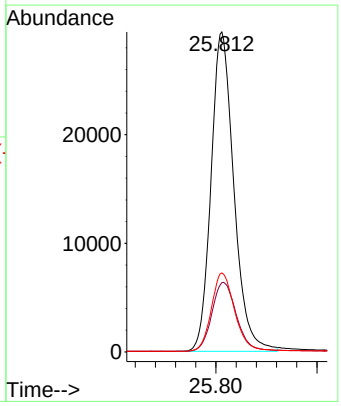
Instrument :
BNA_N
ClientSampleId :

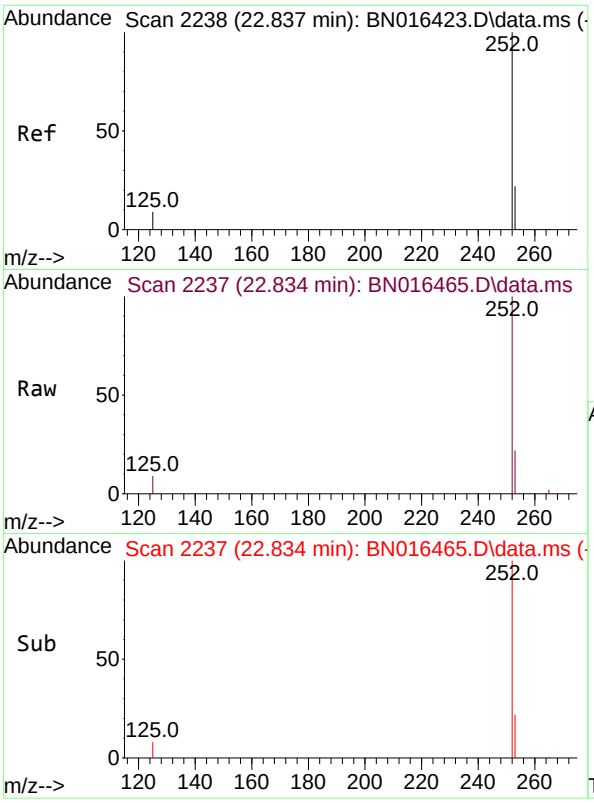


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.359 ng
RT: 25.812 min Scan# 3107
Delta R.T. -0.004 min
Lab File: BN016465.D
Acq: 25 Sep 2021 09:01

Tgt Ion:276 Resp: 92371

Ion	Ratio	Lower	Upper
276	100		
138	23.2	19.3	28.9
277	25.0	20.2	30.2

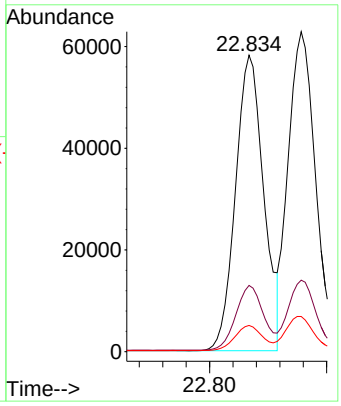




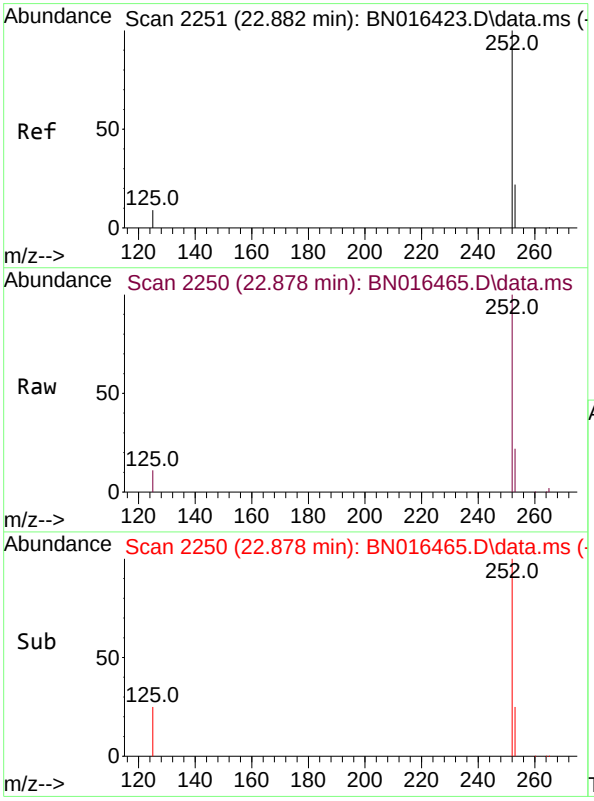
#37
Benzo(b)fluoranthene
Concen: 0.367 ng
RT: 22.834 min Scan# 2237
Delta R.T. -0.004 min
Lab File: BN016465.D
Acq: 25 Sep 2021 09:01

Tgt Ion:252 Resp: 97378

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.2
125	8.8	8.4	12.6



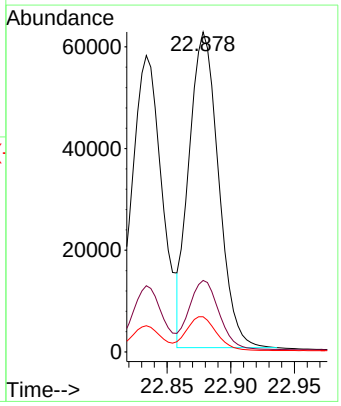
Instrument :
BNA_N
ClientSampleId :



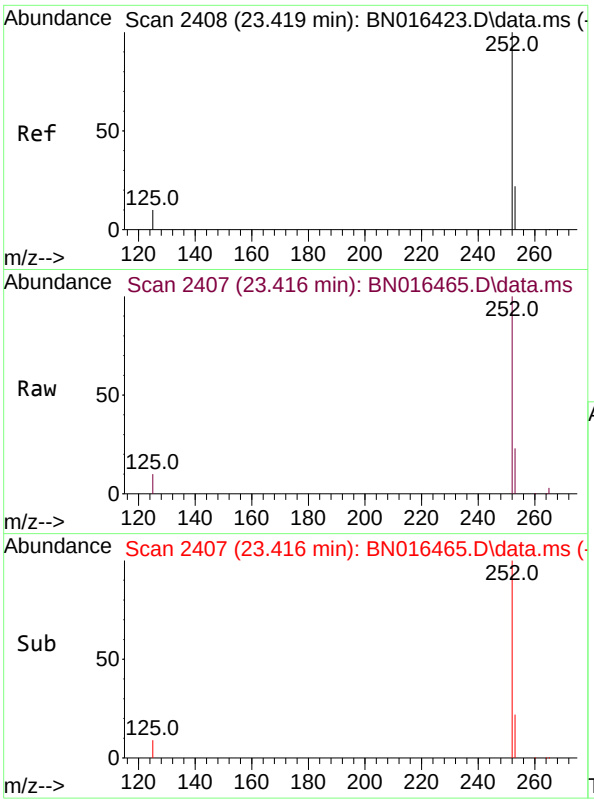
#38
Benzo(k)fluoranthene
Concen: 0.391 ng
RT: 22.878 min Scan# 2250
Delta R.T. -0.004 min
Lab File: BN016465.D
Acq: 25 Sep 2021 09:01

Tgt Ion:252 Resp: 100168

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.2
125	11.0	8.2	12.4



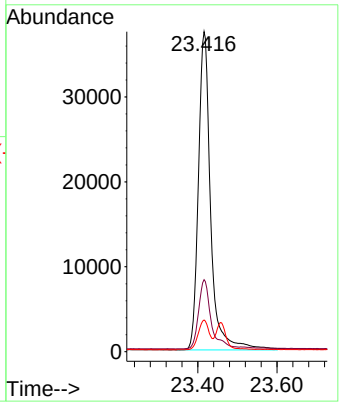
Instrument :
BNA_N
ClientSampleId :

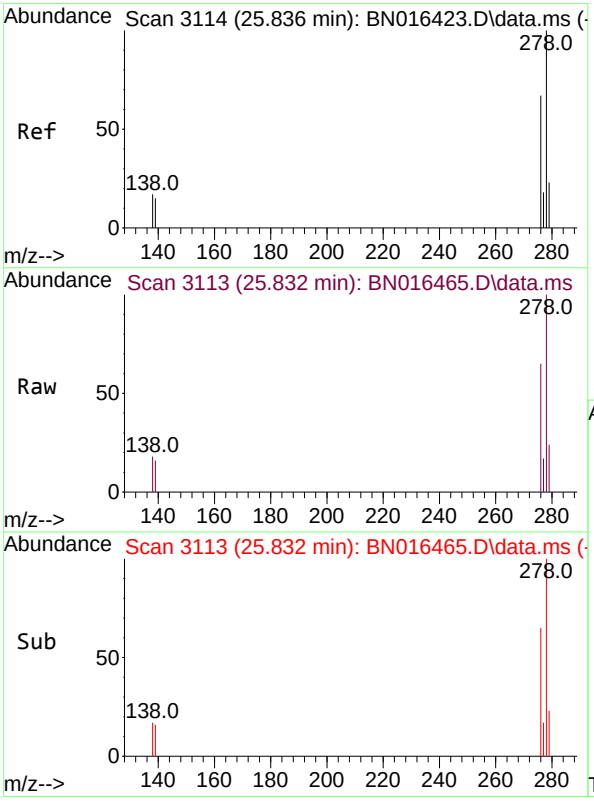


#39
Benzo(a)pyrene
Concen: 0.372 ng
RT: 23.416 min Scan# 2407
Delta R.T. -0.004 min
Lab File: BN016465.D
Acq: 25 Sep 2021 09:01

Tgt Ion:252 Resp: 80474

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

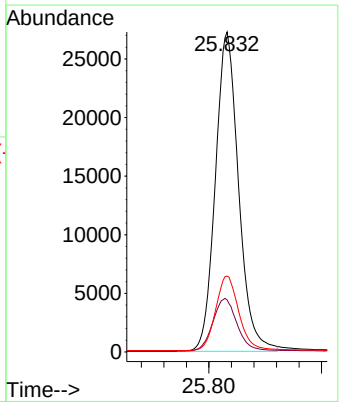


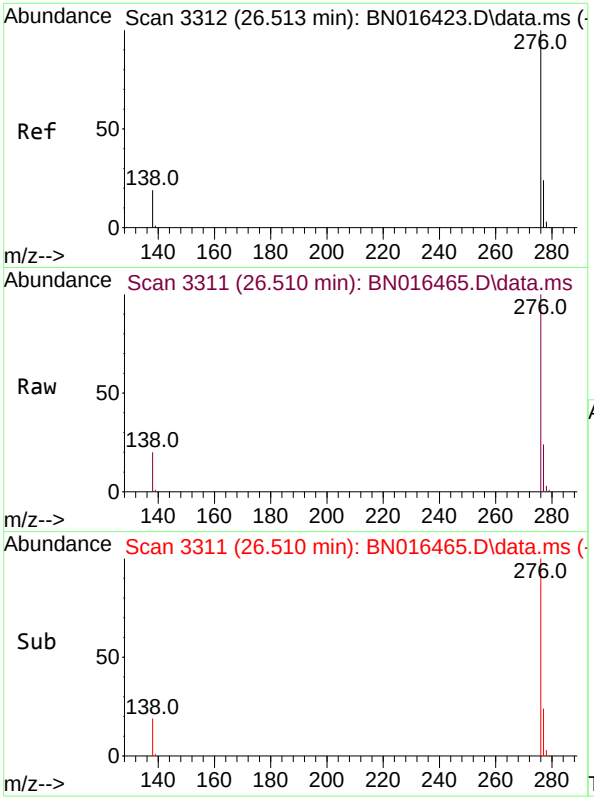


#40
Dibenzo(a,h)anthracene
Concen: 0.355 ng
RT: 25.832 min Scan# 3113
Delta R.T. -0.004 min
Lab File: BN016465.D
Acq: 25 Sep 2021 09:01

Tgt Ion:278 Resp: 77809

Ion	Ratio	Lower	Upper
278	100		
139	16.3	14.2	21.2
279	23.7	21.3	31.9

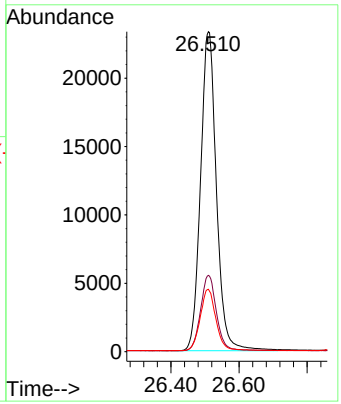




#41
Benzo(g,h,i)perylene
Concen: 0.336 ng
RT: 26.510 min Scan# 3311
Delta R.T. -0.004 min
Lab File: BN016465.D
Acq: 25 Sep 2021 09:01

Tgt Ion:276 Resp: 75546

Ion	Ratio	Lower	Upper
276	100		
277	23.9	20.5	30.7
138	19.5	18.2	27.4



Instrument :
BNA_N
ClientSampleId :