Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092421\
Data File : BN016440.D
Acq On : 24 Sep 2021 16:08
Operator : CG/JU
Sample : PB139115BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB139115BS

Quant Time: Sep 24 16:37:54 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	23793	0.400	ng	0.00
7) Naphthalene-d8	10.432	136	101668	0.400	ng	#-0.01
13) Acenaphthene-d10	14.294	164	52777	0.400	ng	0.00
19) Phenanthrene-d10	17.042	188	101894	0.400	ng	# 0.00
29) Chrysene-d12	21.259	240	96803	0.400	ng	# 0.01
35) Perylene-d12	23.519	264	85143	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.300	112	21191	0.397	ng	0.02
5) Phenol-d6	6.850	99	24896	0.395	ng	0.00
8) Nitrobenzene-d5	8.810	82	25482	0.354	ng	0.00
11) 2-Methylnaphthalene-d10	12.030	152	56759	0.377	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	5091	0.384	ng	0.00
15) 2-Fluorobiphenyl	12.924	172	80832	0.365	ng	0.00
27) Fluoranthene-d10	19.088	212	106313	0.380	ng	0.00
31) Terphenyl-d14	19.698	244	88354	0.393	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.281	88	3881	0.381	ng	# 82
3) n-Nitrosodimethylamine	3.632	42	9740	0.398	ng	# 70
6) bis(2-Chloroethyl)ether	7.108	93	25385	0.398	ng	93
9) Naphthalene	10.483	128	101987	0.376	ng	99
10) Hexachlorobutadiene	10.774	225	20334	0.377	ng	# 99
12) 2-Methylnaphthalene	12.105	142	65896	0.383	ng	99
16) Acenaphthylene	14.015	152	77355	0.360	ng	100
17) Acenaphthene	14.358	154	56262	0.369	ng	99
18) Fluorene	15.347	166	67220	0.367	ng	99
20) 4,6-Dinitro-2-methylph...	15.436	198	2080	0.322	ng	# 67
21) 4-Bromophenyl-phenylether	16.251	248	20917	0.352	ng	98
22) Hexachlorobenzene	16.348	284	21219	0.360	ng	# 89
23) Atrazine	16.519	200	14362	0.390	ng	# 91
24) Pentachlorophenol	16.701	266	6176	0.448	ng	98
25) Phenanthrene	17.091	178	109782	0.362	ng	99
26) Anthracene	17.176	178	89152	0.353	ng	99
28) Fluoranthene	19.118	202	127788	0.385	ng	99
30) Pyrene	19.480	202	123931	0.409	ng	99
32) Benzo(a)anthracene	21.238	228	111921	0.399	ng	99
33) Chrysene	21.291	228	118042	0.391	ng	99
34) Bis(2-ethylhexyl)phtha...	21.196	149	37614	0.491	ng	98
36) Indeno(1,2,3-cd)pyrene	25.816	276	100689	0.365	ng	99
37) Benzo(b)fluoranthene	22.834	252	106330	0.374	ng	98
38) Benzo(k)fluoranthene	22.882	252	108952	0.396	ng	99
39) Benzo(a)pyrene	23.420	252	89948	0.388	ng	97
40) Dibenzo(a,h)anthracene	25.836	278	84657	0.360	ng	95
41) Benzo(g,h,i)perylene	26.514	276	85390	0.354	ng	95

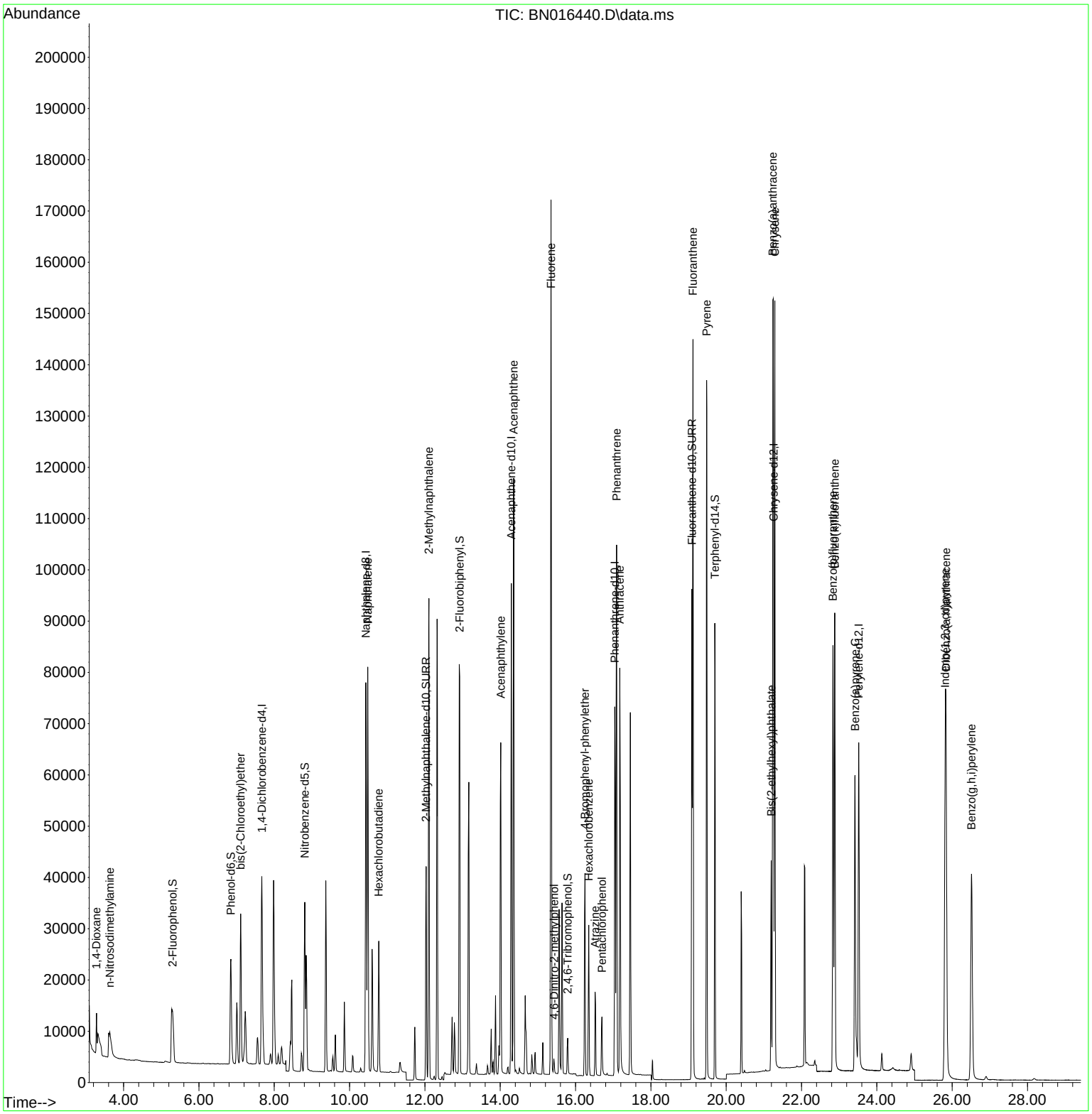
(#) = qualifier out of range (m) = manual integration (+) = signals summed

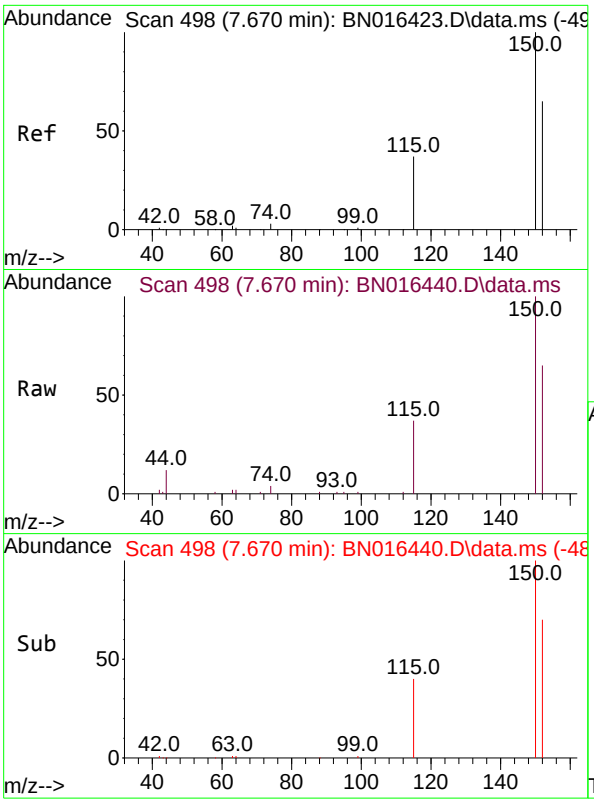
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092421\
Data File : BN016440.D
Acq On : 24 Sep 2021 16:08
Operator : CG/JU
Sample : PB139115BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB139115BS

Quant Time: Sep 24 16:37:54 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

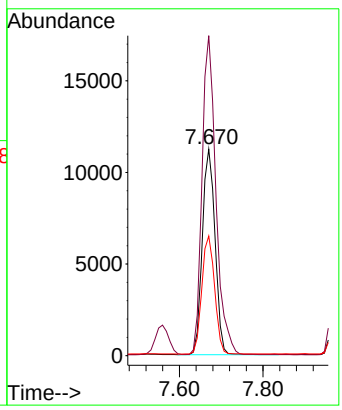




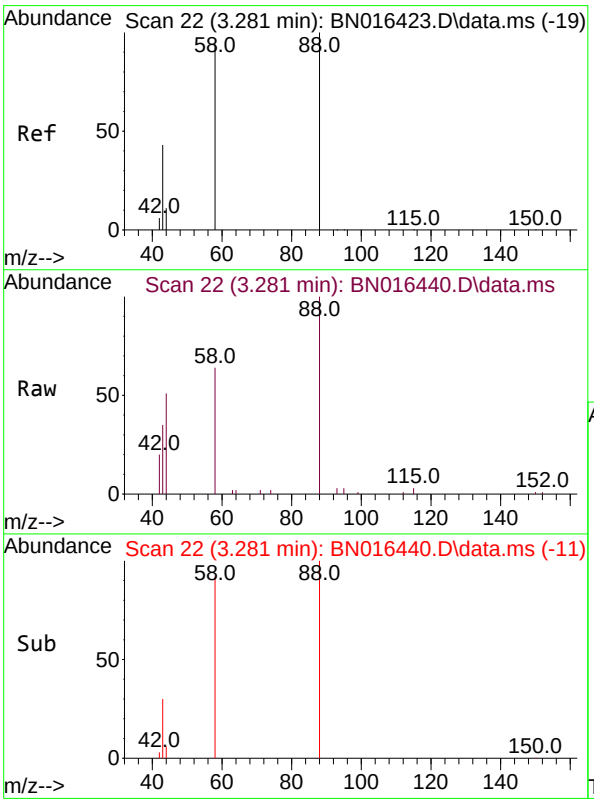
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.670 min Scan# 498
Delta R.T. 0.000 min
Lab File: BN016440.D
Acq: 24 Sep 2021 16:08

Tgt Ion:152 Resp: 23793

Ion	Ratio	Lower	Upper
152	100		
150	154.9	125.6	188.4
115	58.0	50.2	75.2



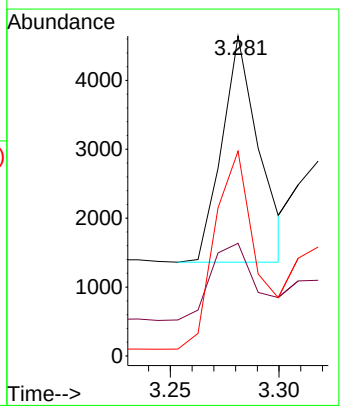
Instrument :
BNA_N
ClientSampleId :
PB139115BS



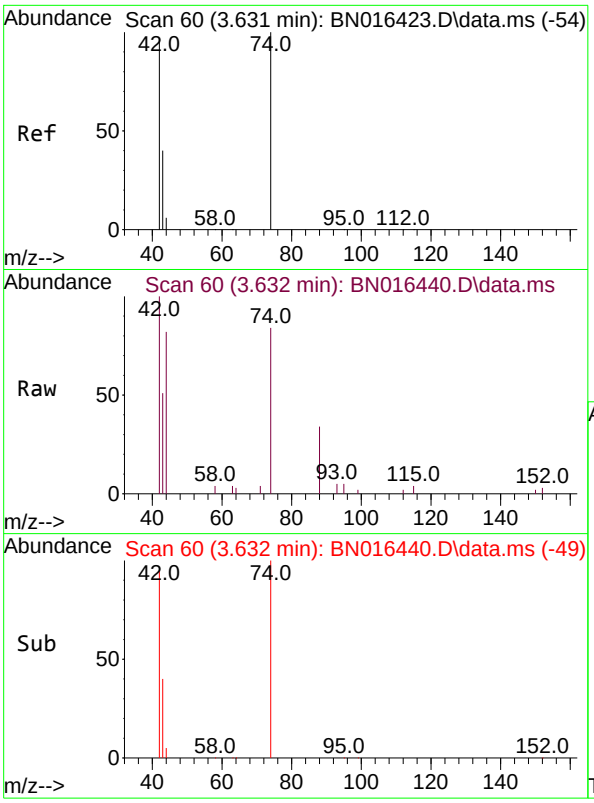
#2
1,4-Dioxane
Concen: 0.381 ng
RT: 3.281 min Scan# 22
Delta R.T. 0.000 min
Lab File: BN016440.D
Acq: 24 Sep 2021 16:08

Tgt Ion: 88 Resp: 3881

Ion	Ratio	Lower	Upper
88	100		
43	42.6	20.3	30.5#
58	99.8	69.9	104.9



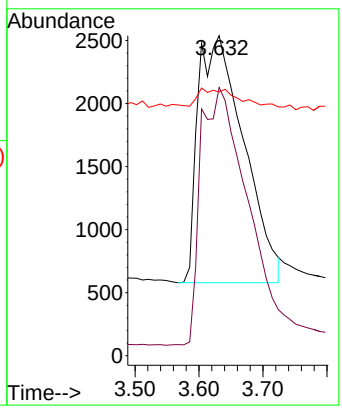
Instrument :
BNA_N
ClientSampleId :
PB139115BS

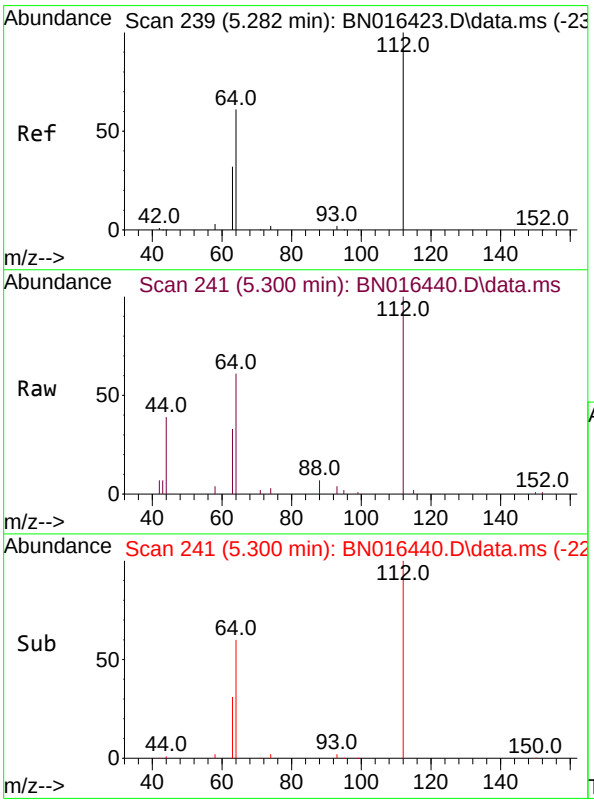


#3
n-Nitrosodimethylamine
Concen: 0.398 ng
RT: 3.632 min Scan# 60
Delta R.T. 0.000 min
Lab File: BN016440.D
Acq: 24 Sep 2021 16:08

Tgt Ion: 42 Resp: 9740

Ion	Ratio	Lower	Upper
42	100		
74	105.6	113.6	170.4#
44	0.0	0.0	0.0

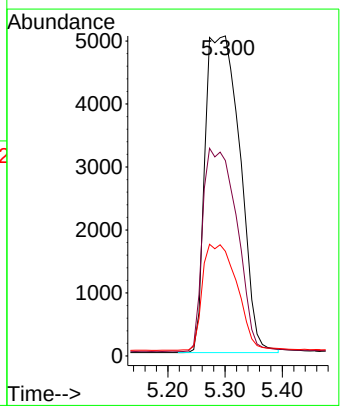




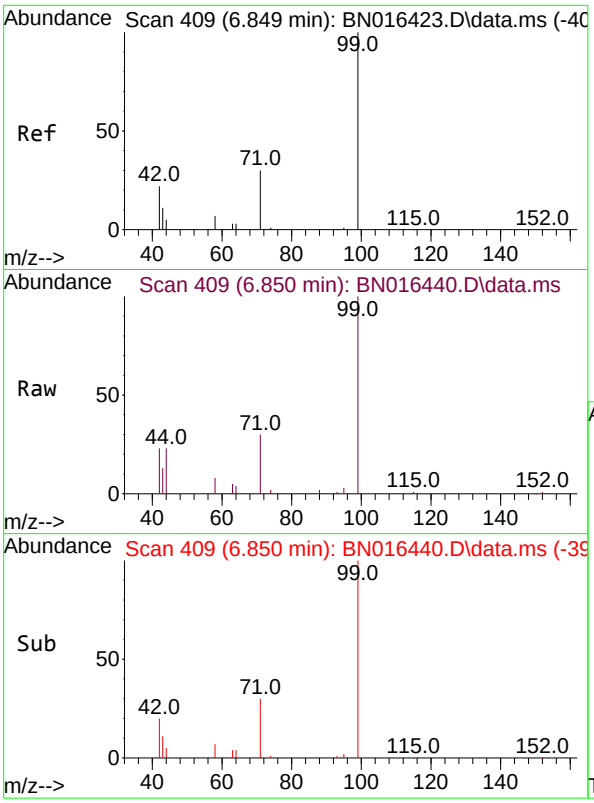
#4
2-Fluorophenol
Concen: 0.397 ng
RT: 5.300 min Scan# 241
Delta R.T. 0.019 min
Lab File: BN016440.D
Acq: 24 Sep 2021 16:08

Tgt Ion:112 Resp: 21191

Ion	Ratio	Lower	Upper
112	100		
64	0.0	47.3	70.9#
63	0.0	23.4	35.0#



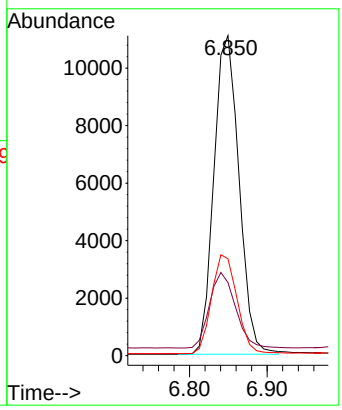
Instrument :
BNA_N
ClientSampleId :
PB139115BS

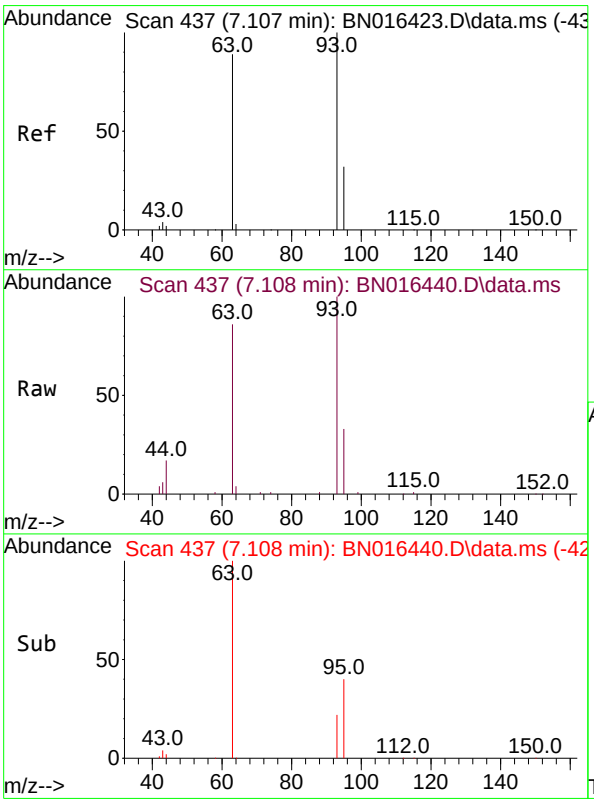


#5
Phenol-d6
Concen: 0.395 ng
RT: 6.850 min Scan# 409
Delta R.T. 0.000 min
Lab File: BN016440.D
Acq: 24 Sep 2021 16:08

Tgt Ion: 99 Resp: 24896

Ion	Ratio	Lower	Upper
99	100		
42	24.5	14.0	21.0#
71	31.4	23.8	35.6

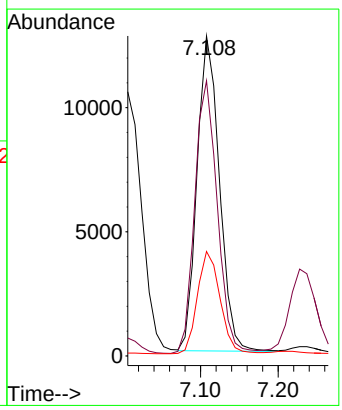




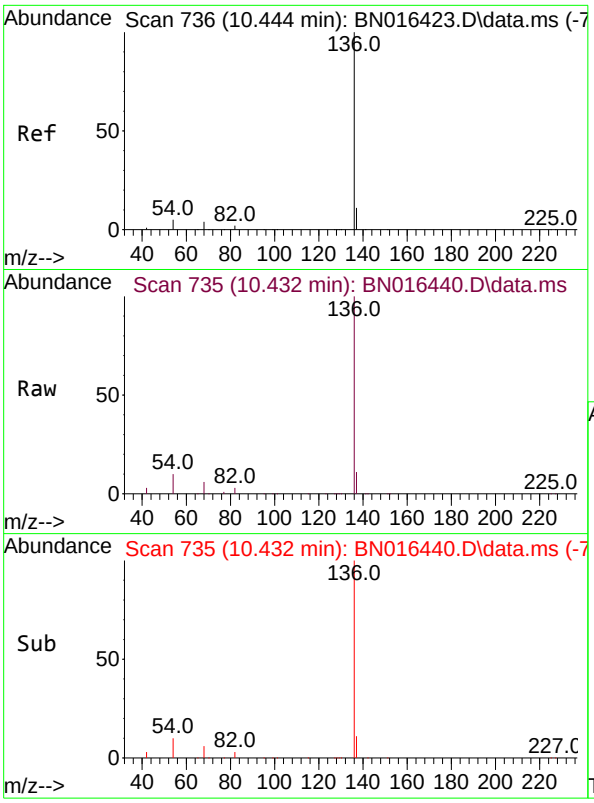
#6
bis(2-Chloroethyl)ether
Concen: 0.398 ng
RT: 7.108 min Scan# 437
Delta R.T. 0.000 min
Lab File: BN016440.D
Acq: 24 Sep 2021 16:08

Tgt Ion: 93 Resp: 25385

Ion	Ratio	Lower	Upper
93	100		
63	87.4	63.4	95.0
95	33.0	26.8	40.2



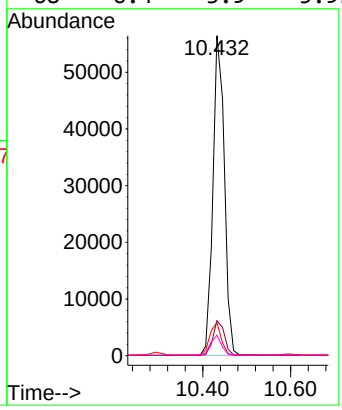
Instrument :
BNA_N
ClientSampleId :
PB139115BS

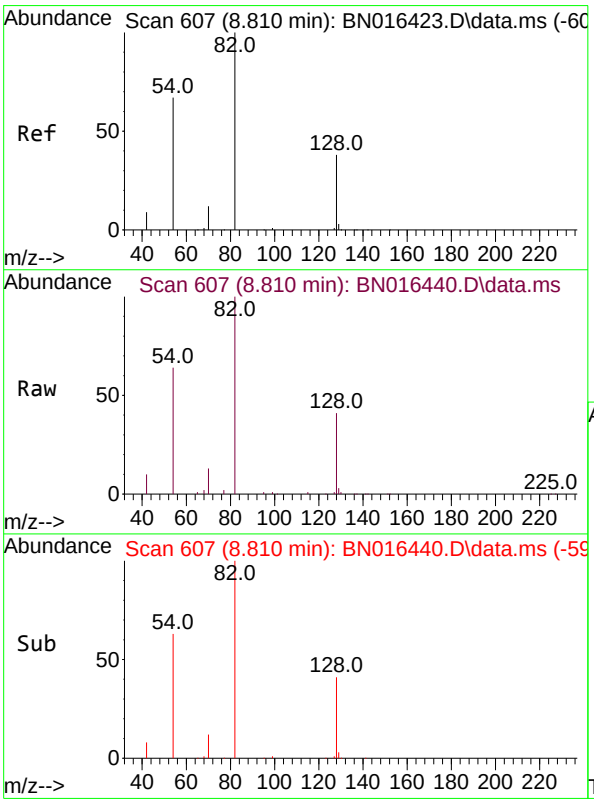


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.432 min Scan# 735
Delta R.T. -0.012 min
Lab File: BN016440.D
Acq: 24 Sep 2021 16:08

Tgt Ion:136 Resp: 101668

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	10.4	5.3	7.9#
68	6.4	3.9	5.9#

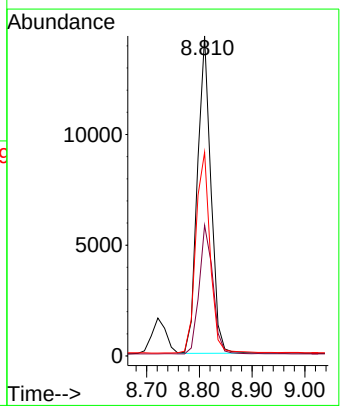


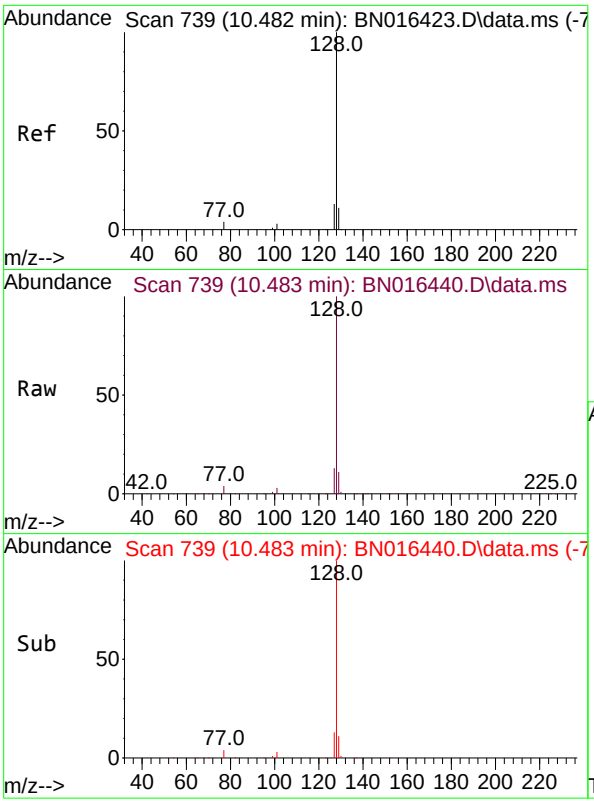


#8
Nitrobenzene-d5
Concen: 0.354 ng
RT: 8.810 min Scan# 607
Delta R.T. 0.000 min
Lab File: BN016440.D
Acq: 24 Sep 2021 16:08

Tgt Ion: 82 Resp: 25482

Ion	Ratio	Lower	Upper
82	100		
128	40.9	31.7	47.5
54	63.7	46.4	69.6

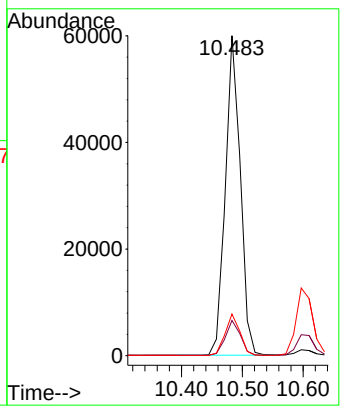




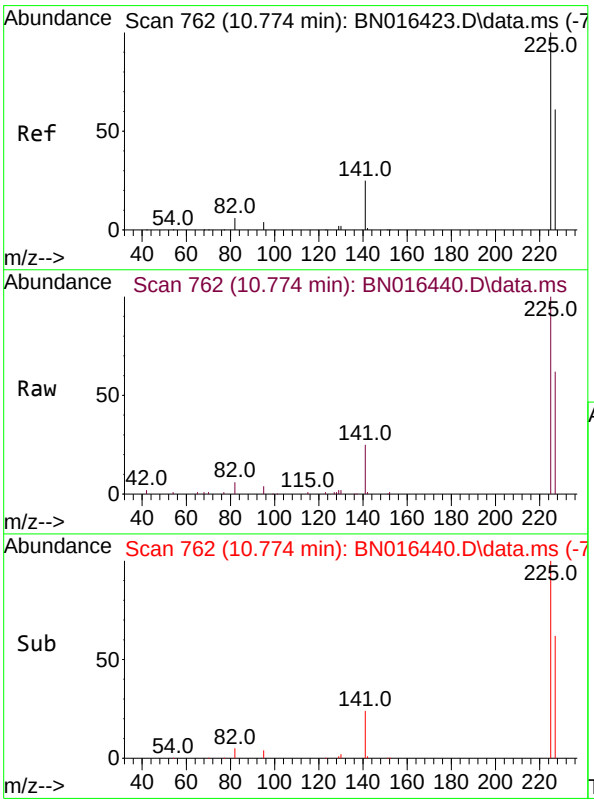
#9
Naphthalene
Concen: 0.376 ng
RT: 10.483 min Scan# 739
Delta R.T. 0.000 min
Lab File: BN016440.D
Acq: 24 Sep 2021 16:08

Tgt Ion:128 Resp: 101987

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.9	13.3
127	13.0	10.1	15.1



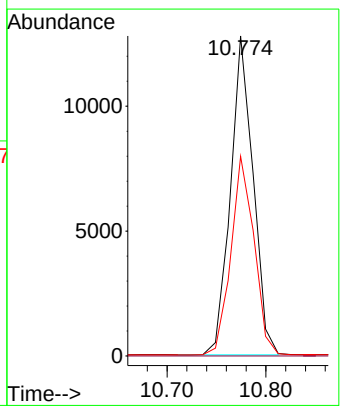
Instrument :
BNA_N
ClientSampleId :
PB139115BS



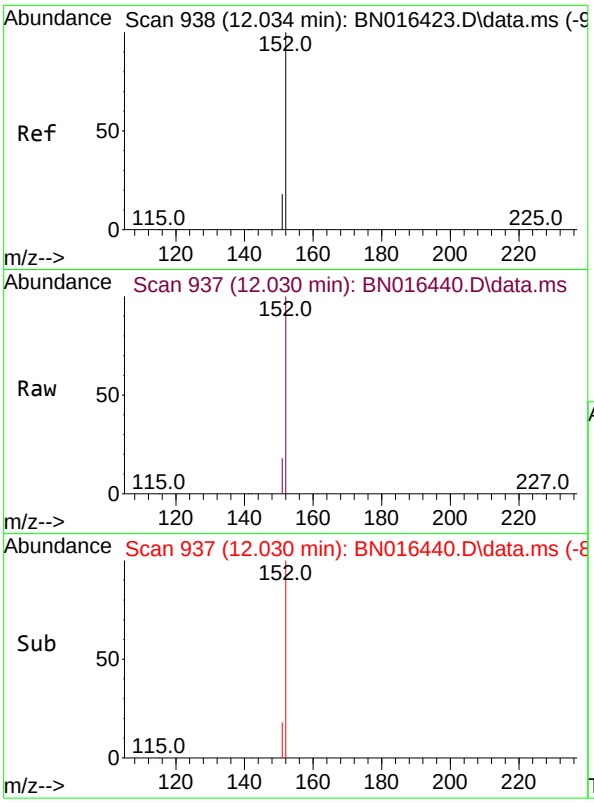
#10
Hexachlorobutadiene
Concen: 0.377 ng
RT: 10.774 min Scan# 762
Delta R.T. 0.000 min
Lab File: BN016440.D
Acq: 24 Sep 2021 16:08

Tgt Ion:225 Resp: 20334

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.5	51.5	77.3



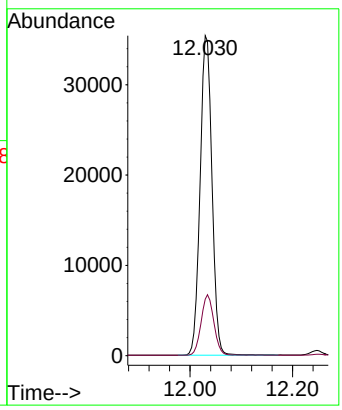
Instrument :
BNA_N
ClientSampleId :
PB139115BS

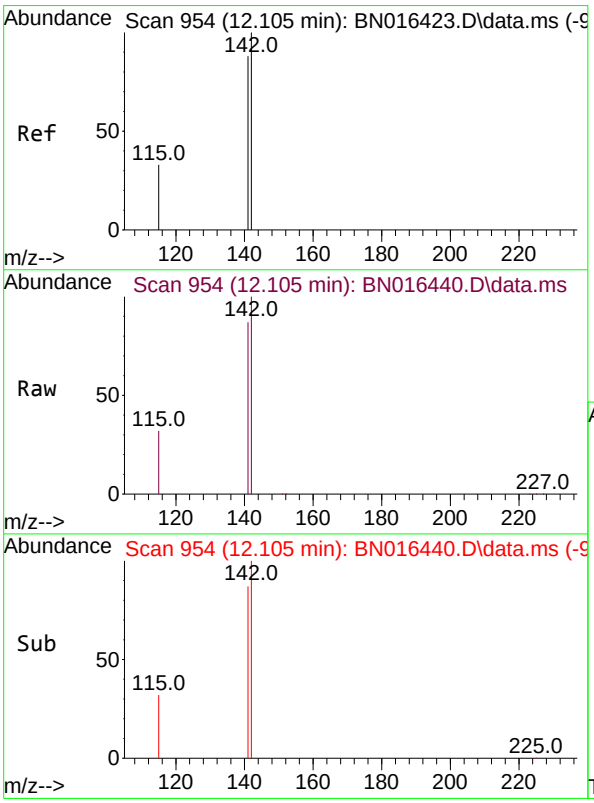


#11
2-Methylnaphthalene-d10
Concen: 0.377 ng
RT: 12.030 min Scan# 937
Delta R.T. -0.004 min
Lab File: BN016440.D
Acq: 24 Sep 2021 16:08

Tgt Ion:152 Resp: 56759

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.1	24.1

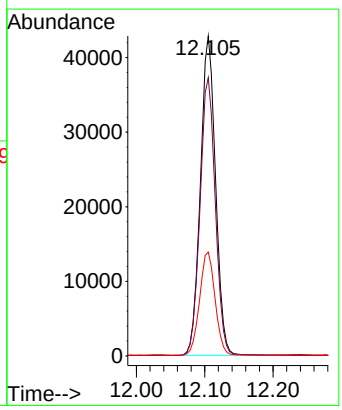




#12
2-Methylnaphthalene
Concen: 0.383 ng
RT: 12.105 min Scan# 954
Delta R.T. 0.000 min
Lab File: BN016440.D
Acq: 24 Sep 2021 16:08

Tgt Ion:142 Resp: 65896

Ion	Ratio	Lower	Upper
142	100		
141	86.9	69.8	104.8
115	32.4	24.4	36.6



Instrument :
BNA_N
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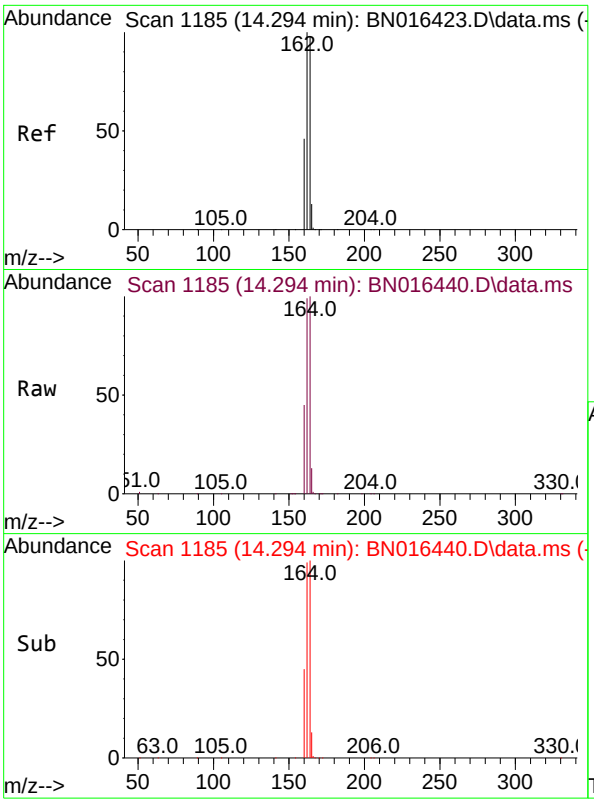
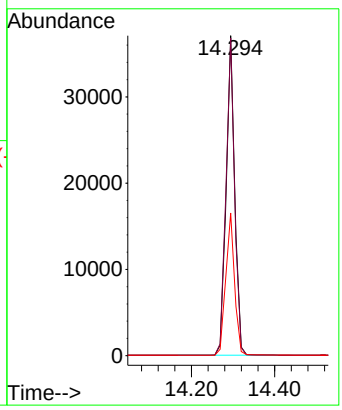
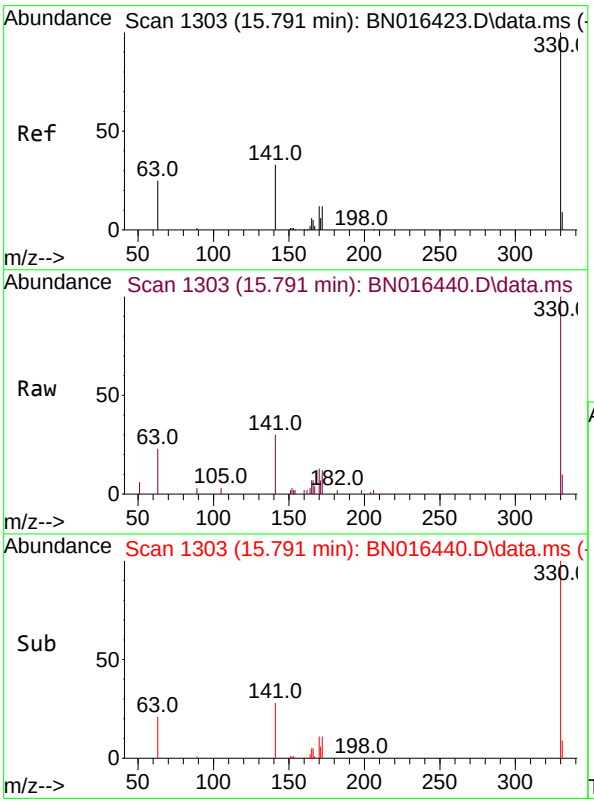


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.294 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BN016440.D
Acq: 24 Sep 2021 16:08

Tgt Ion:164 Resp: 52777

Ion	Ratio	Lower	Upper
164	100		
162	99.3	79.0	118.4
160	44.6	34.1	51.1

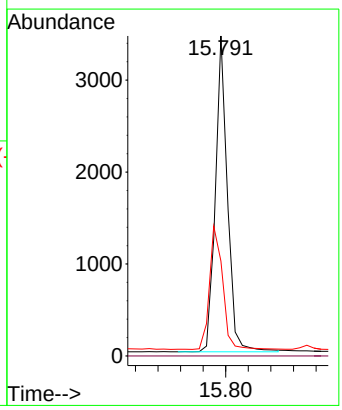


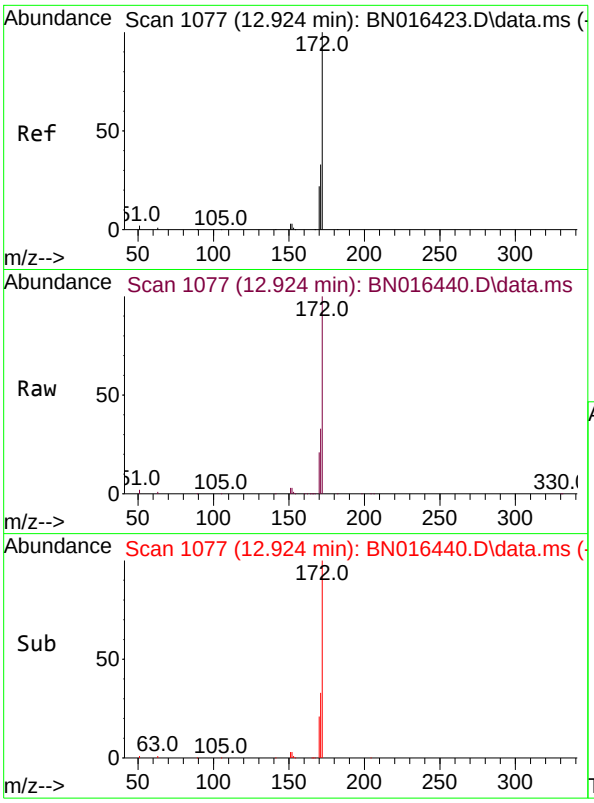


#14
2,4,6-Tribromophenol
Concen: 0.384 ng
RT: 15.791 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BN016440.D
Acq: 24 Sep 2021 16:08

Tgt Ion:330 Resp: 5091

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

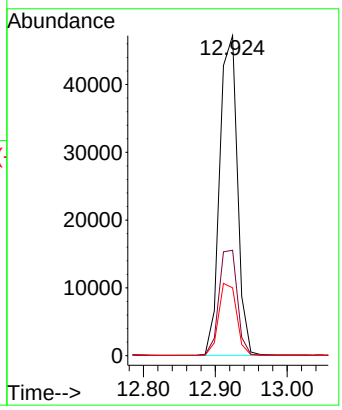




#15
2-Fluorobiphenyl
Concen: 0.365 ng
RT: 12.924 min Scan# 1077
Delta R.T. 0.000 min
Lab File: BN016440.D
Acq: 24 Sep 2021 16:08

Tgt Ion:172 Resp: 80832

Ion	Ratio	Lower	Upper
172	100		
171	32.9	27.8	41.6
170	21.2	18.2	27.2



Instrument :
BNA_N
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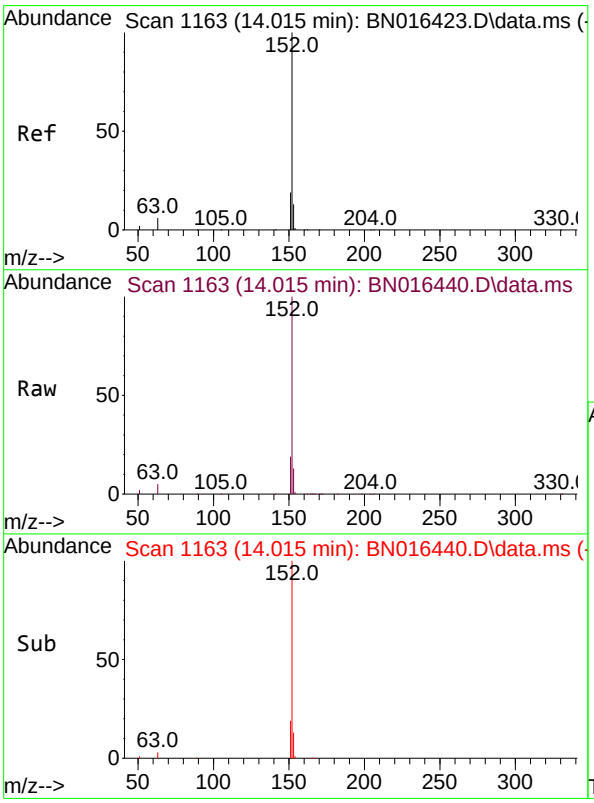
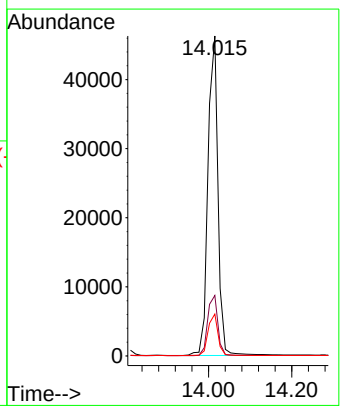
PB139115BS



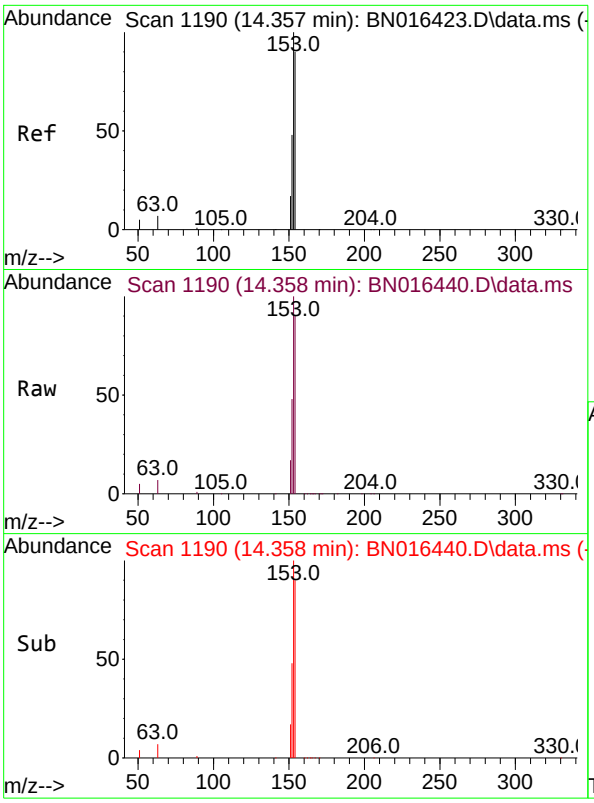
#16
Acenaphthylene
Concen: 0.360 ng
RT: 14.015 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BN016440.D
Acq: 24 Sep 2021 16:08

Tgt Ion:152 Resp: 77355

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.2	22.8
153	12.9	10.5	15.7



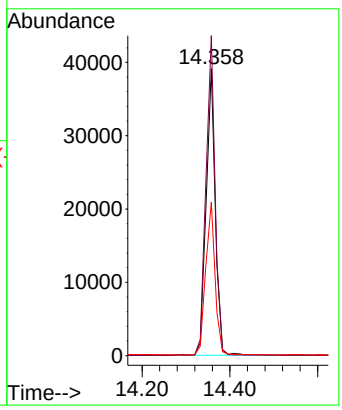
Instrument :
BNA_N
ClientSampleId :
PB139115BS

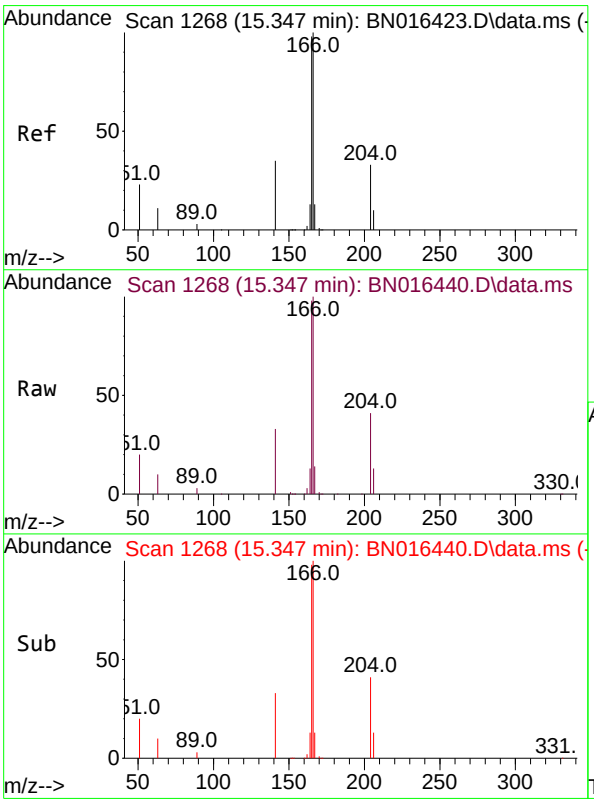


#17
Acenaphthene
Concen: 0.369 ng
RT: 14.358 min Scan# 1190
Delta R.T. 0.000 min
Lab File: BN016440.D
Acq: 24 Sep 2021 16:08

Tgt Ion:154 Resp: 56262

Ion	Ratio	Lower	Upper
154	100		
153	112.0	89.3	133.9
152	54.8	42.2	63.4

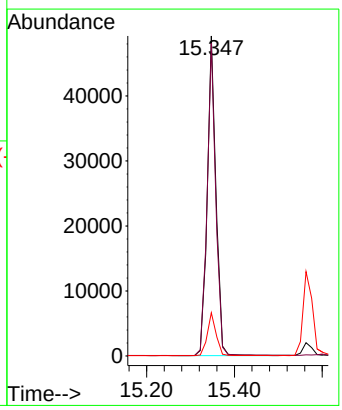




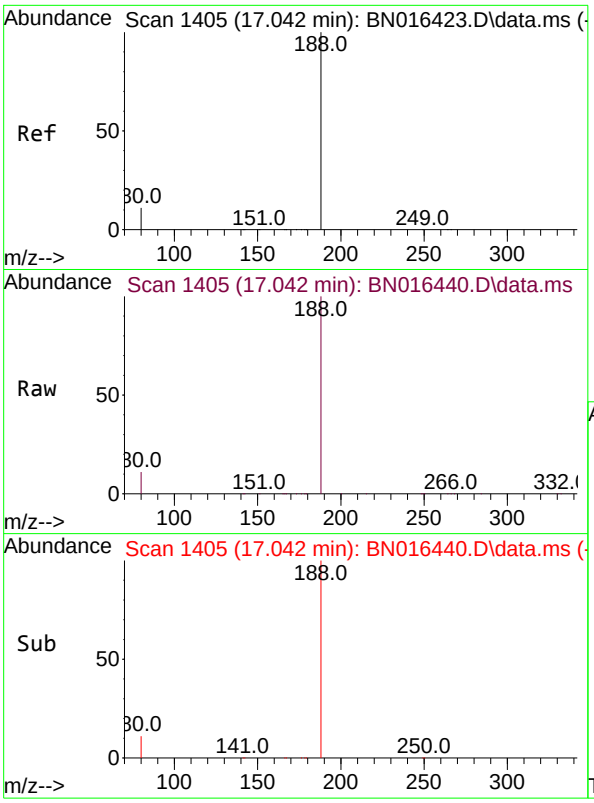
#18
Fluorene
Concen: 0.367 ng
RT: 15.347 min Scan# 1268
Delta R.T. 0.000 min
Lab File: BN016440.D
Acq: 24 Sep 2021 16:08

Tgt Ion:166 Resp: 67220

Ion	Ratio	Lower	Upper
166	100		
165	97.4	76.7	115.1
167	13.5	10.9	16.3



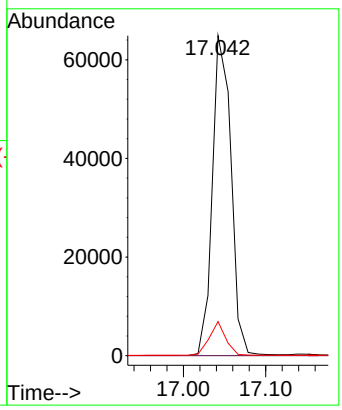
Instrument :
BNA_N
ClientSampleId :
PB139115BS

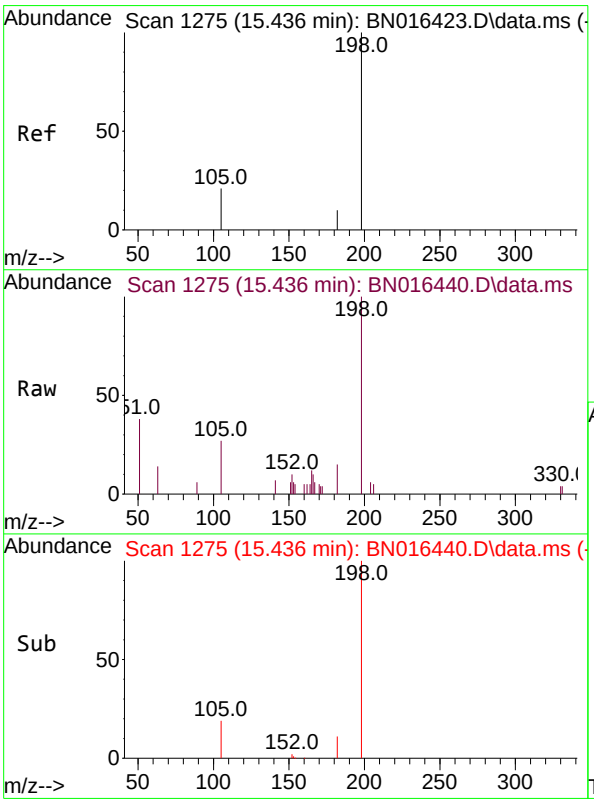


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.042 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BN016440.D
Acq: 24 Sep 2021 16:08

Tgt Ion:188 Resp: 101894

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.7	7.0	10.6#

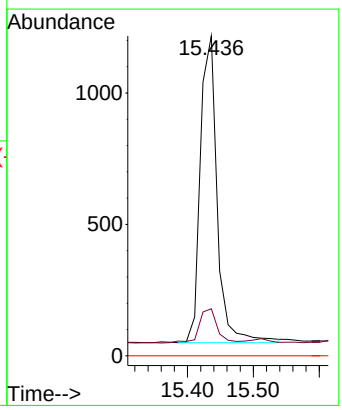




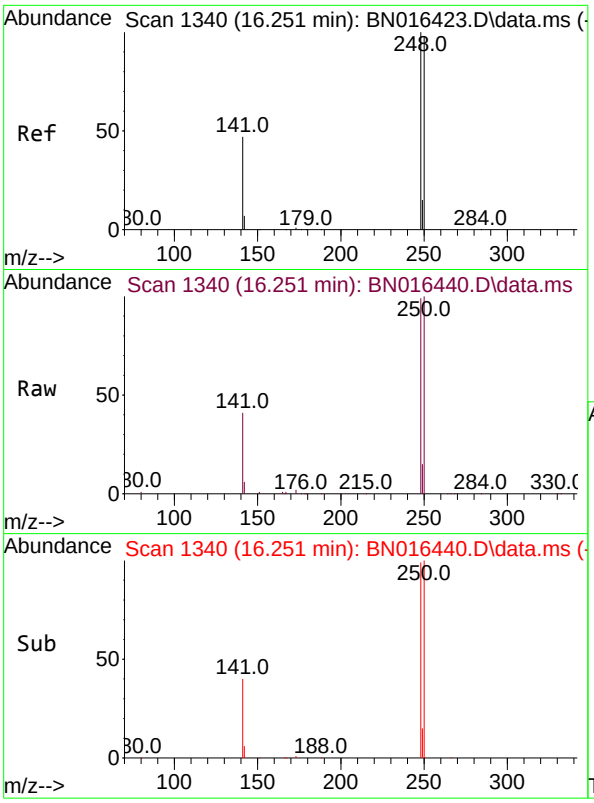
#20
4,6-Dinitro-2-methylphenol
Concen: 0.322 ng
RT: 15.436 min Scan# 1275
Delta R.T. 0.000 min
Lab File: BN016440.D
Acq: 24 Sep 2021 16:08

Tgt Ion:198 Resp: 2080

Ion	Ratio	Lower	Upper
198	100		
182	14.7	26.6	39.8#
77	0.0	0.0	0.0



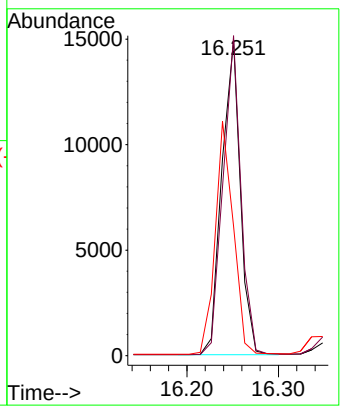
Instrument :
BNA_N
ClientSampleId :
PB139115BS

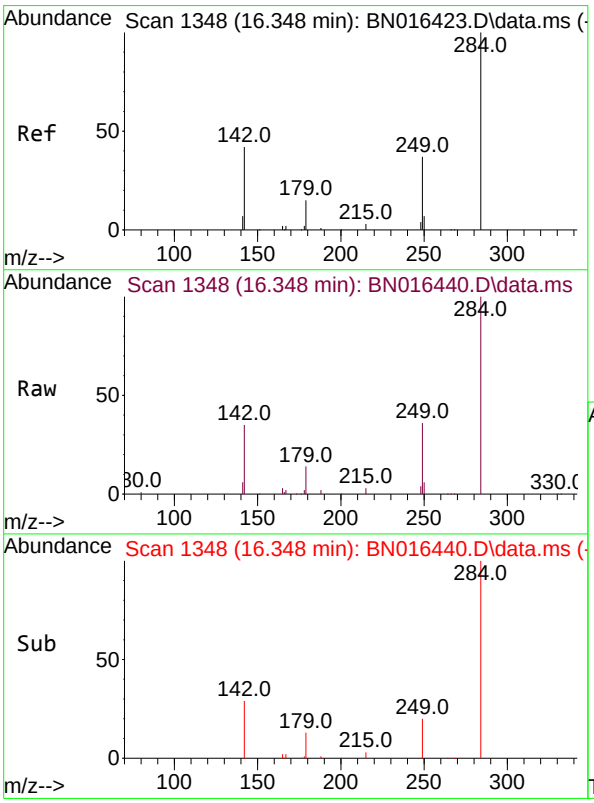


#21
4-Bromophenyl-phenylether
Concen: 0.352 ng
RT: 16.251 min Scan# 1340
Delta R.T. 0.000 min
Lab File: BN016440.D
Acq: 24 Sep 2021 16:08

Tgt Ion:248 Resp: 20917

Ion	Ratio	Lower	Upper
248	100		
250	101.5	80.5	120.7
141	41.1	34.8	52.2

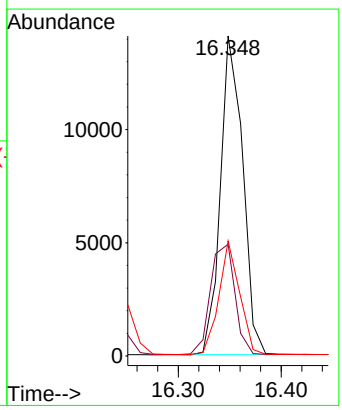




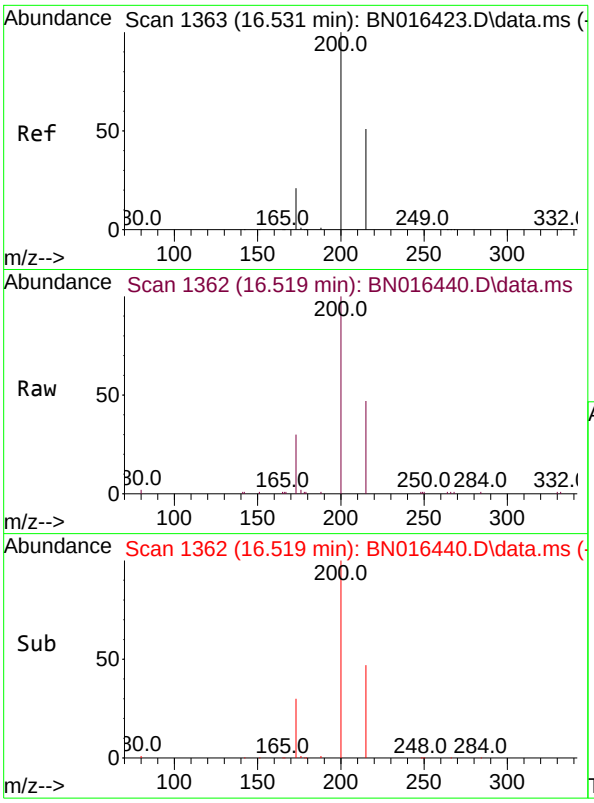
#22
Hexachlorobenzene
Concen: 0.360 ng
RT: 16.348 min Scan# 1348
Delta R.T. 0.000 min
Lab File: BN016440.D
Acq: 24 Sep 2021 16:08

Tgt Ion:284 Resp: 21219

Ion	Ratio	Lower	Upper
284	100		
142	37.8	22.6	34.0#
249	32.9	24.4	36.6



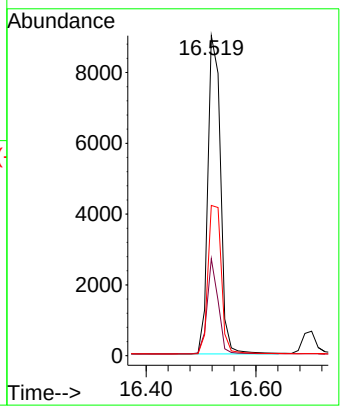
Instrument :
BNA_N
ClientSampleId :
PB139115BS

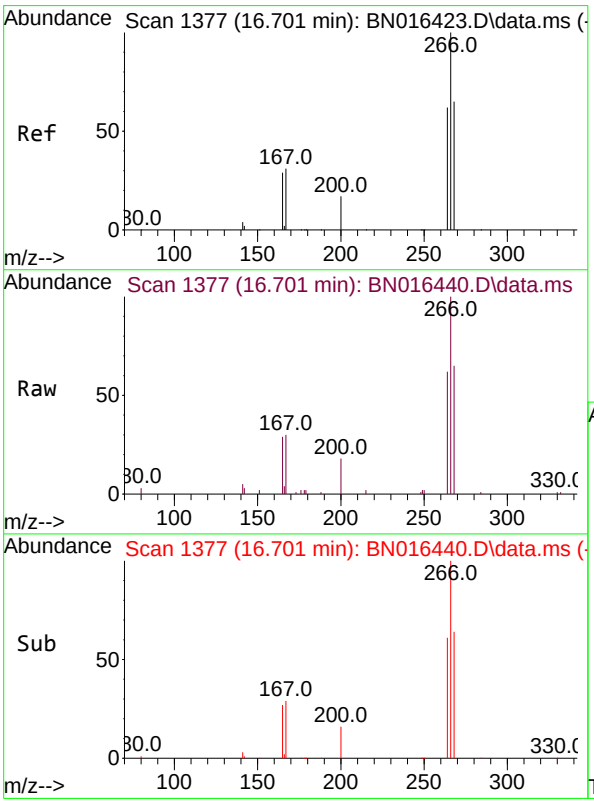


#23
Atrazine
Concen: 0.390 ng
RT: 16.519 min Scan# 1362
Delta R.T. -0.012 min
Lab File: BN016440.D
Acq: 24 Sep 2021 16:08

Tgt Ion:200 Resp: 14362

Ion	Ratio	Lower	Upper
200	100		
173	30.3	18.7	28.1#
215	46.9	41.6	62.4

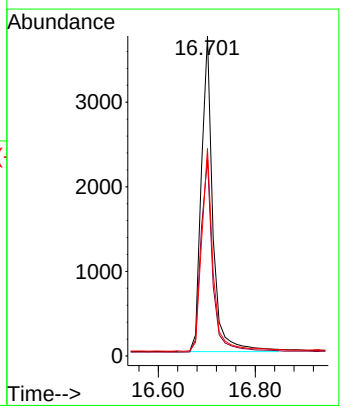




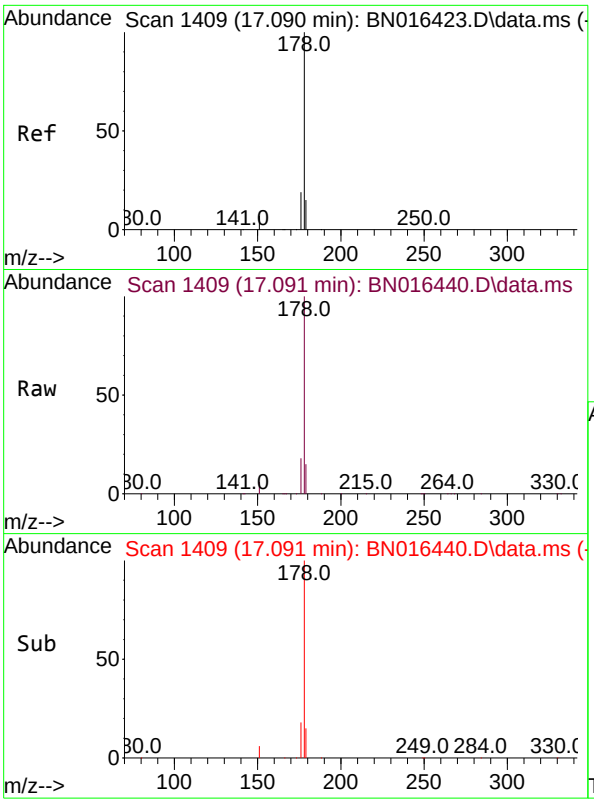
#24
Pentachlorophenol
Concen: 0.448 ng
RT: 16.701 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BN016440.D
Acq: 24 Sep 2021 16:08

Tgt Ion:266 Resp: 6176

Ion	Ratio	Lower	Upper
266	100		
264	62.9	50.6	75.8
268	63.5	52.6	79.0



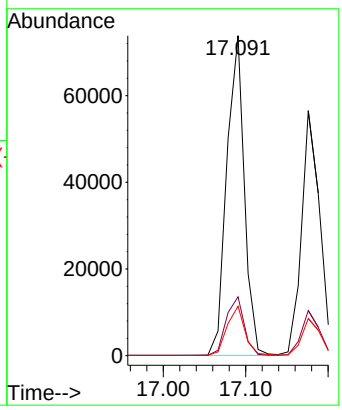
Instrument :
BNA_N
ClientSampleId :
PB139115BS

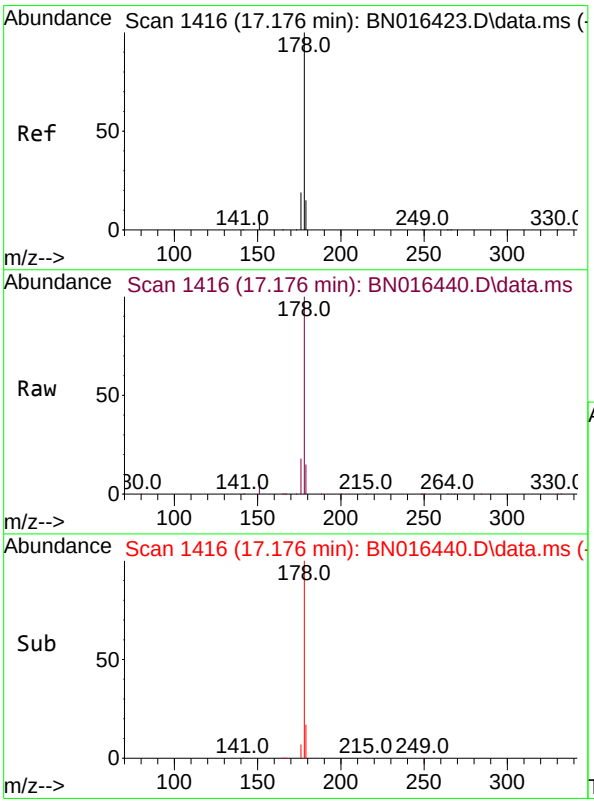


#25
Phenanthrene
Concen: 0.362 ng
RT: 17.091 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BN016440.D
Acq: 24 Sep 2021 16:08

Tgt Ion:178 Resp: 109782

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.4	21.6
179	15.6	12.2	18.4

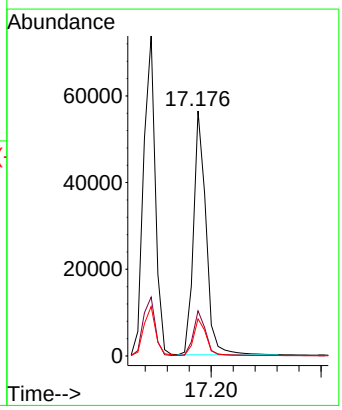




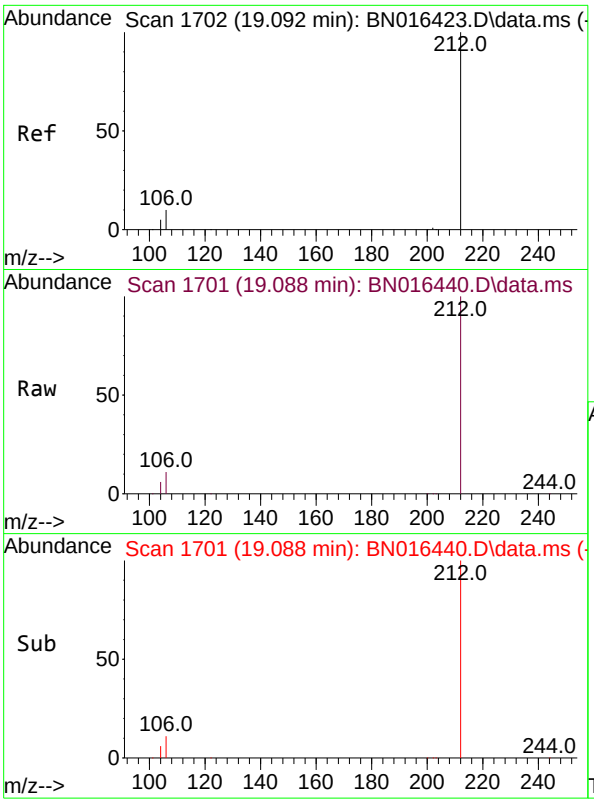
#26
Anthracene
Concen: 0.353 ng
RT: 17.176 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BN016440.D
Acq: 24 Sep 2021 16:08

Tgt Ion:178 Resp: 89152

Ion	Ratio	Lower	Upper
178	100		
176	18.1	13.9	20.9
179	15.2	12.2	18.4



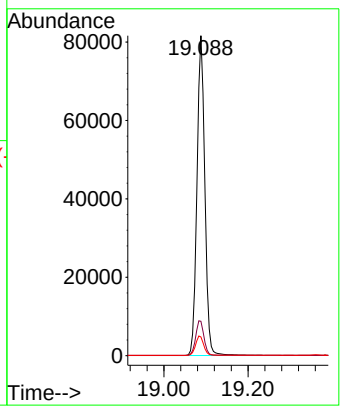
Instrument :
BNA_N
ClientSampleId :
PB139115BS

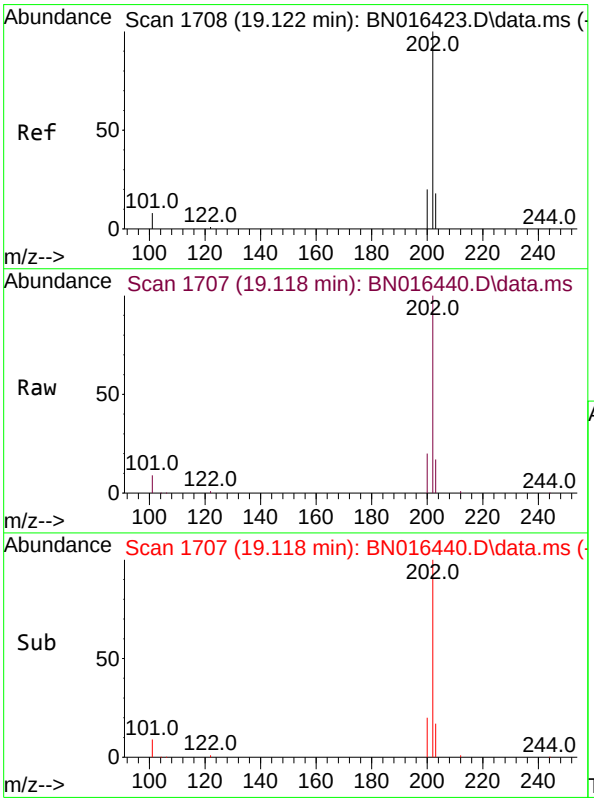


#27
Fluoranthene-d10
Concen: 0.380 ng
RT: 19.088 min Scan# 1701
Delta R.T. -0.005 min
Lab File: BN016440.D
Acq: 24 Sep 2021 16:08

Tgt Ion:212 Resp: 106313

Ion	Ratio	Lower	Upper
212	100		
106	11.4	9.8	14.6
104	6.2	5.4	8.2

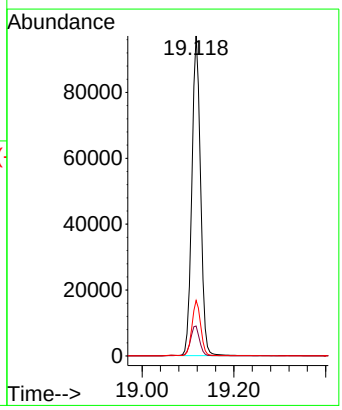




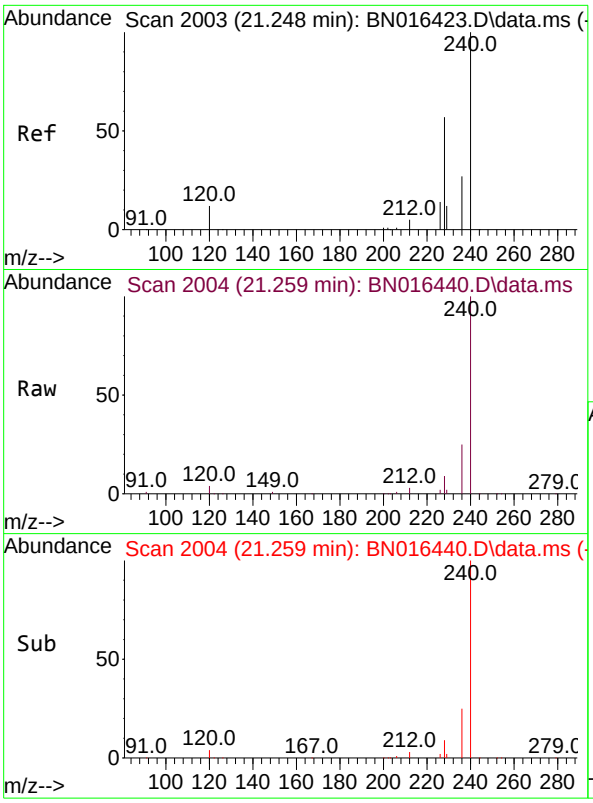
#28
Fluoranthene
Concen: 0.385 ng
RT: 19.118 min Scan# 1707
Delta R.T. -0.005 min
Lab File: BN016440.D
Acq: 24 Sep 2021 16:08

Tgt Ion:202 Resp: 127788

Ion	Ratio	Lower	Upper
202	100		
101	9.8	8.5	12.7
203	17.4	13.8	20.8



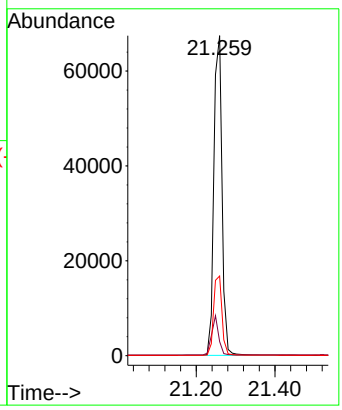
Instrument :
BNA_N
ClientSampleId :
PB139115BS

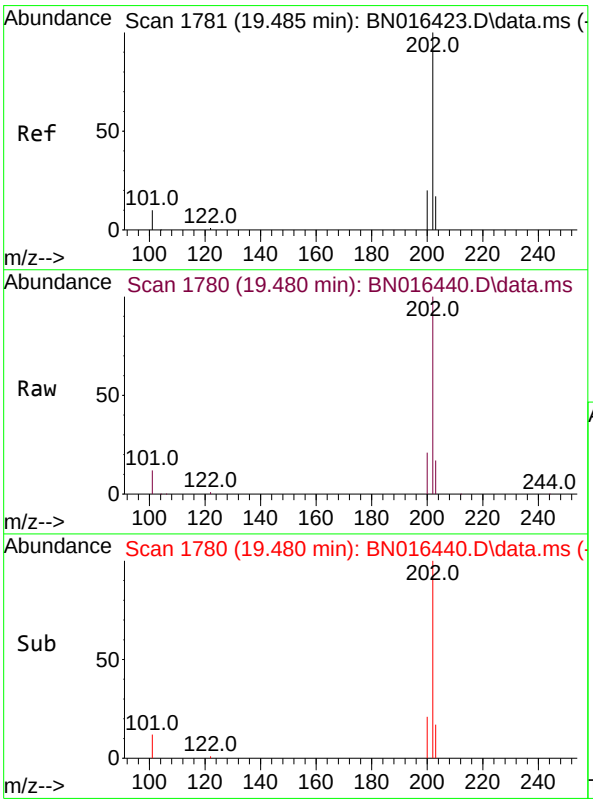


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.259 min Scan# 2004
Delta R.T. 0.011 min
Lab File: BN016440.D
Acq: 24 Sep 2021 16:08

Tgt Ion:240 Resp: 96803

Ion	Ratio	Lower	Upper
240	100		
120	4.4	5.3	7.9#
236	24.9	19.8	29.8

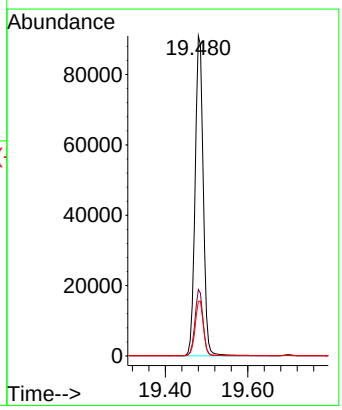




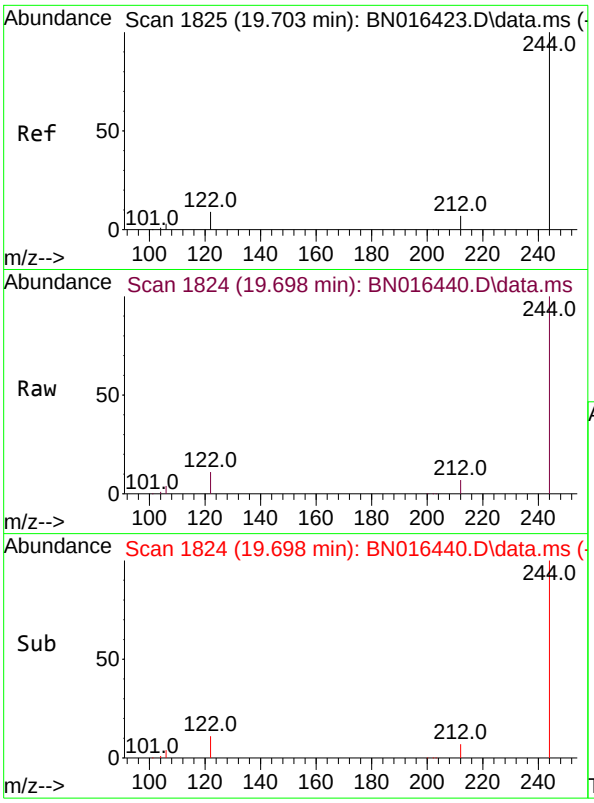
#30
Pyrene
Concen: 0.409 ng
RT: 19.480 min Scan# 1780
Delta R.T. -0.005 min
Lab File: BN016440.D
Acq: 24 Sep 2021 16:08

Tgt Ion:202 Resp: 123931

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



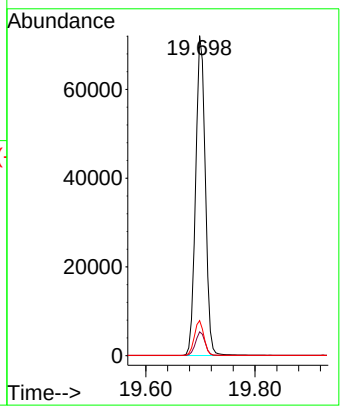
Instrument :
BNA_N
ClientSampleId :
PB139115BS

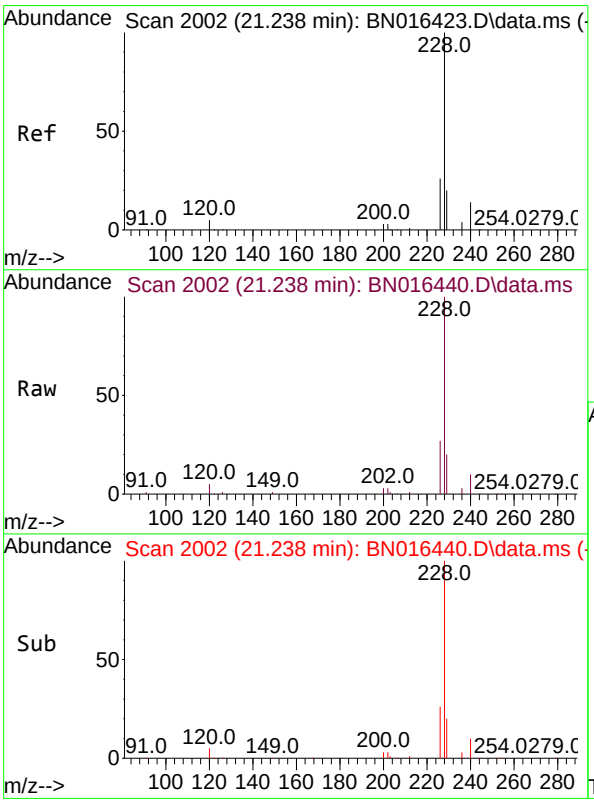


#31
Terphenyl-d14
Concen: 0.393 ng
RT: 19.698 min Scan# 1824
Delta R.T. -0.005 min
Lab File: BN016440.D
Acq: 24 Sep 2021 16:08

Tgt Ion:244 Resp: 88354

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.5	8.3
122	11.0	9.0	13.4

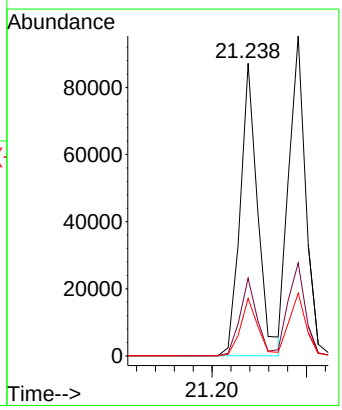




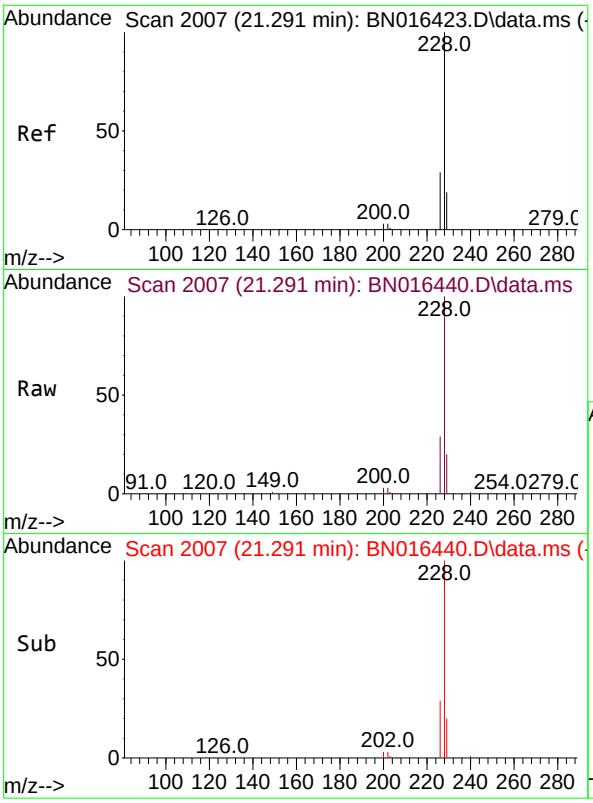
#32
Benzo(a)anthracene
Concen: 0.399 ng
RT: 21.238 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BN016440.D
Acq: 24 Sep 2021 16:08

Tgt Ion:228 Resp: 111921

Ion	Ratio	Lower	Upper
228	100		
226	26.5	20.8	31.2
229	19.7	15.8	23.6



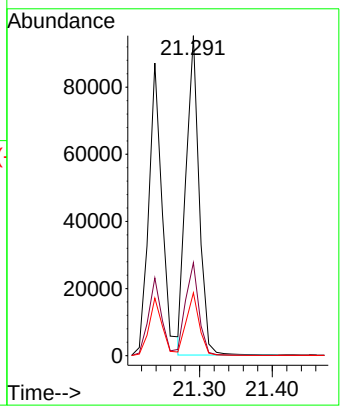
Instrument :
BNA_N
ClientSampleId :
PB139115BS

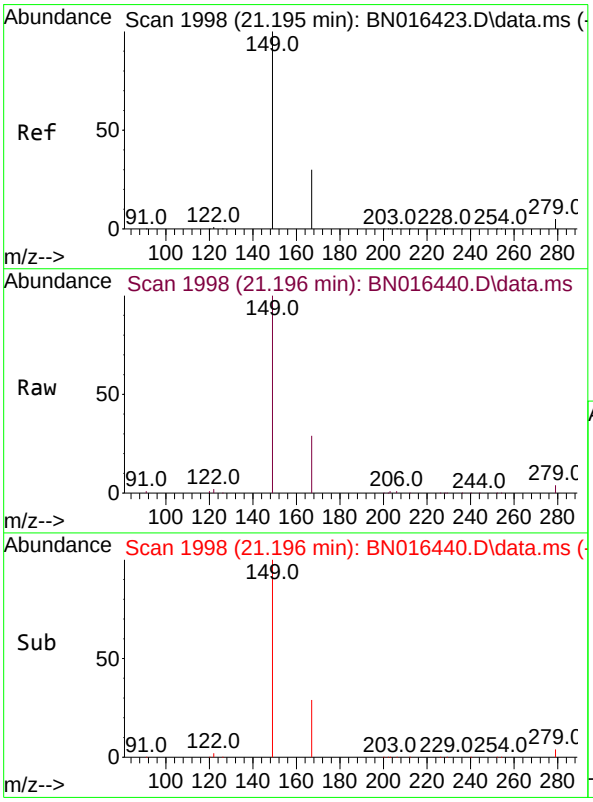


#33
Chrysene
Concen: 0.391 ng
RT: 21.291 min Scan# 2007
Delta R.T. 0.000 min
Lab File: BN016440.D
Acq: 24 Sep 2021 16:08

Tgt Ion:228 Resp: 118042

Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.0	34.4
229	19.7	15.6	23.4

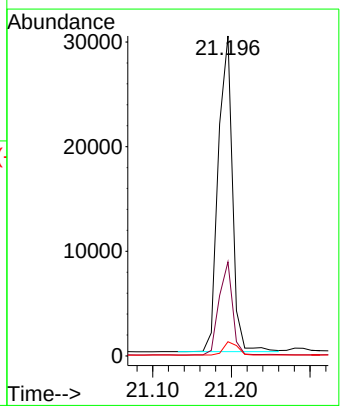




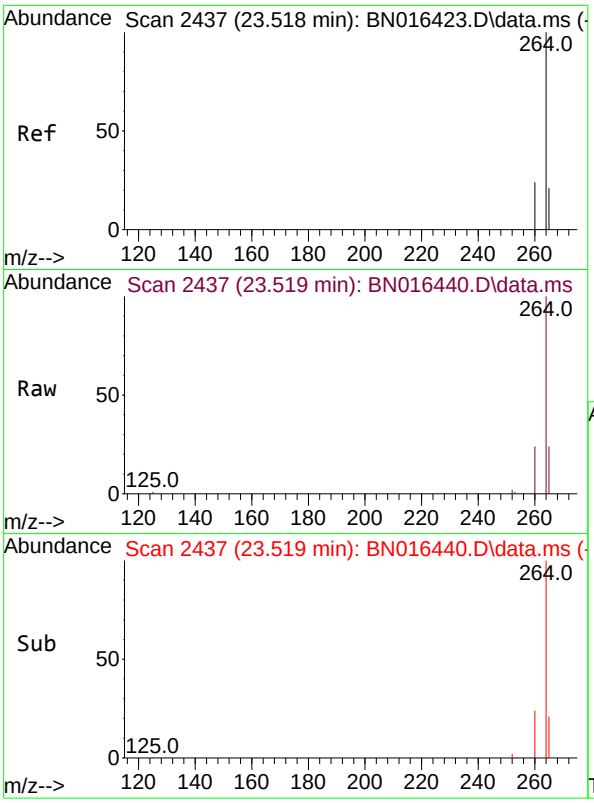
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.491 ng
RT: 21.196 min Scan# 1998
Delta R.T. 0.000 min
Lab File: BN016440.D
Acq: 24 Sep 2021 16:08

Tgt Ion:149 Resp: 37614

Ion	Ratio	Lower	Upper
149	100		
167	28.0	23.4	35.0
279	4.3	3.9	5.9



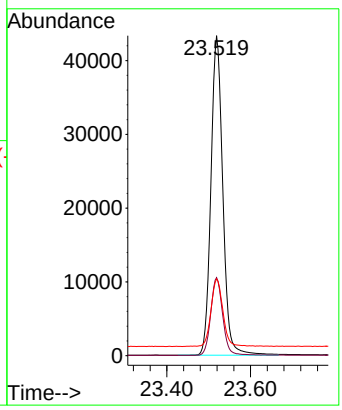
Instrument :
BNA_N
ClientSampleId :
PB139115BS

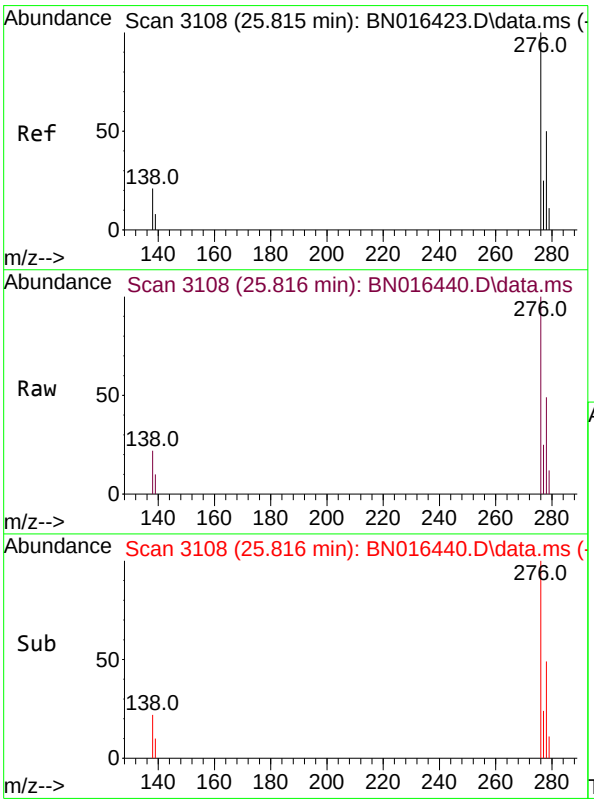


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.519 min Scan# 2437
Delta R.T. 0.000 min
Lab File: BN016440.D
Acq: 24 Sep 2021 16:08

Tgt Ion:264 Resp: 85143

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.9	28.3
265	24.0	23.7	35.5

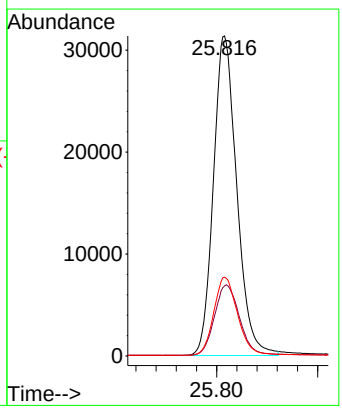




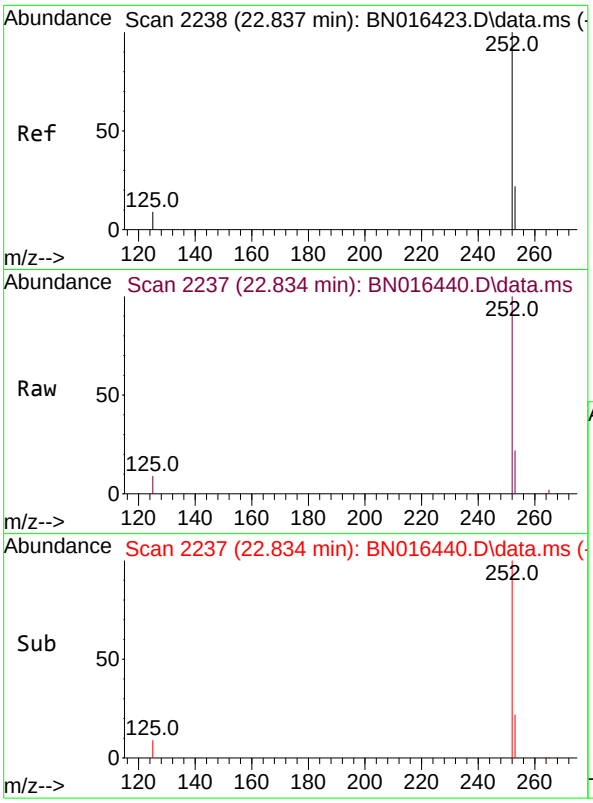
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.365 ng
RT: 25.816 min Scan# 3108
Delta R.T. 0.000 min
Lab File: BN016440.D
Acq: 24 Sep 2021 16:08

Tgt Ion:276 Resp: 100689

Ion	Ratio	Lower	Upper
276	100		
138	23.5	19.3	28.9
277	24.9	20.2	30.2



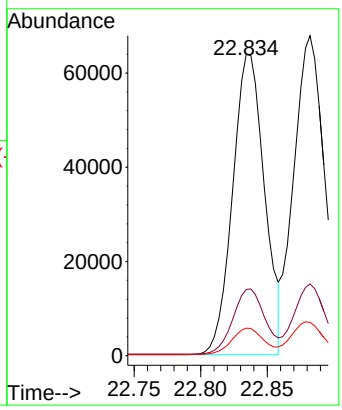
Instrument :
BNA_N
ClientSampleId :
PB139115BS

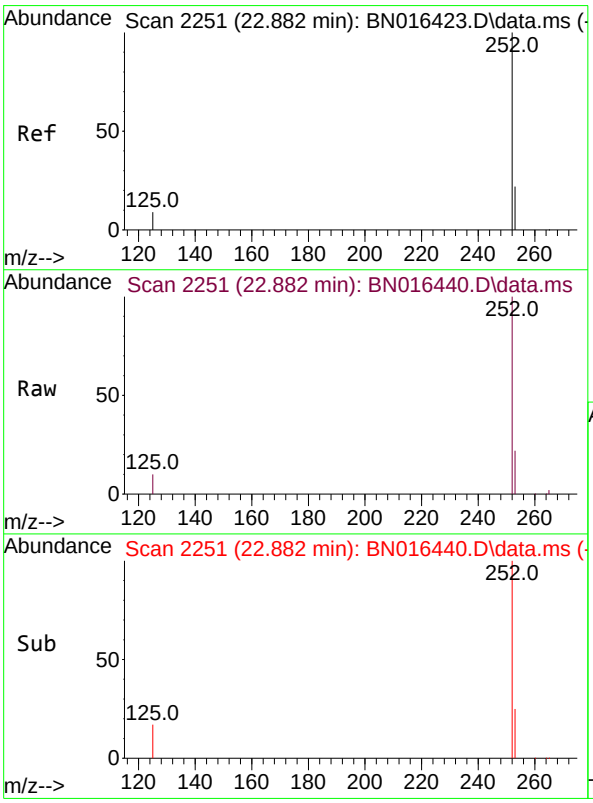


#37
Benzo(b)fluoranthene
Concen: 0.374 ng
RT: 22.834 min Scan# 2237
Delta R.T. -0.003 min
Lab File: BN016440.D
Acq: 24 Sep 2021 16:08

Tgt Ion:252 Resp: 106330

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.2
125	9.1	8.4	12.6

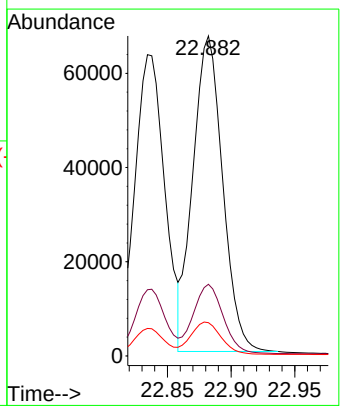




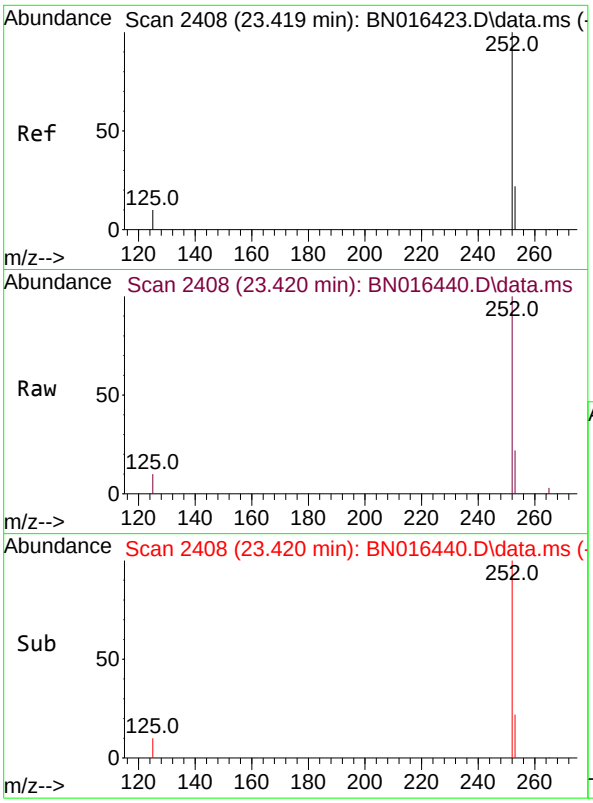
#38
Benzo(k)fluoranthene
Concen: 0.396 ng
RT: 22.882 min Scan# 2251
Delta R.T. 0.000 min
Lab File: BN016440.D
Acq: 24 Sep 2021 16:08

Tgt Ion:252 Resp: 108952

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.2
125	10.4	8.2	12.4



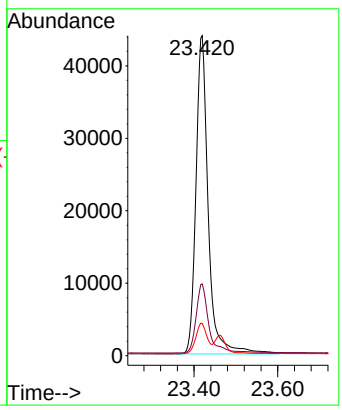
Instrument :
BNA_N
ClientSampleId :
PB139115BS

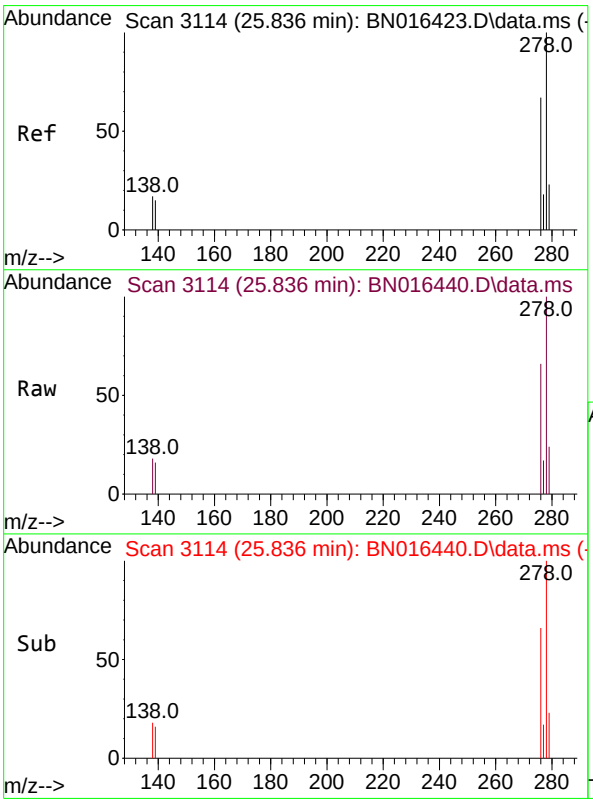


#39
Benzo(a)pyrene
Concen: 0.388 ng
RT: 23.420 min Scan# 2408
Delta R.T. 0.000 min
Lab File: BN016440.D
Acq: 24 Sep 2021 16:08

Tgt Ion:252 Resp: 89948

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.7	28.1
125	10.1	9.9	14.9

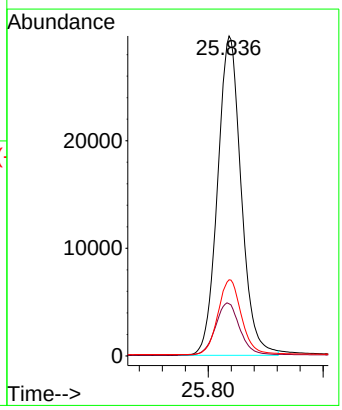


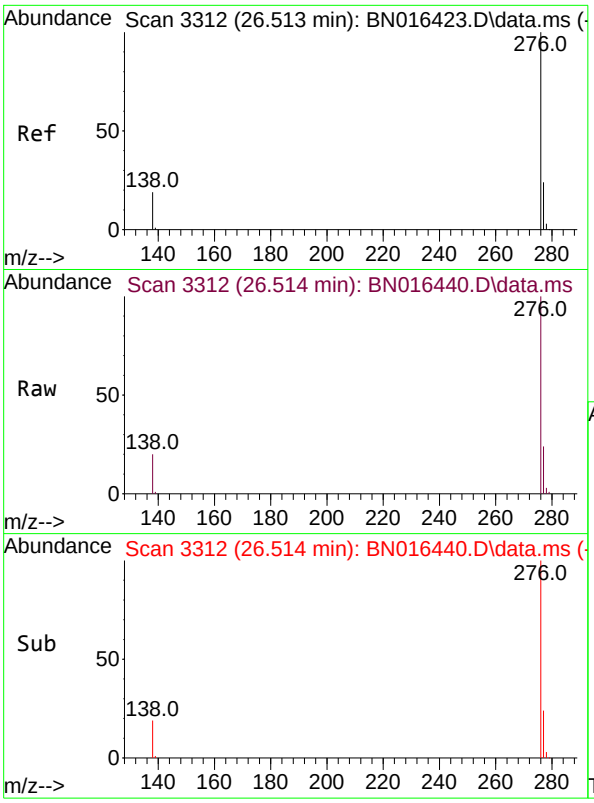


#40
Dibenzo(a,h)anthracene
Concen: 0.360 ng
RT: 25.836 min Scan# 3114
Delta R.T. 0.000 min
Lab File: BN016440.D
Acq: 24 Sep 2021 16:08

Tgt Ion:278 Resp: 84657

Ion	Ratio	Lower	Upper
278	100		
139	16.3	14.2	21.2
279	23.8	21.3	31.9

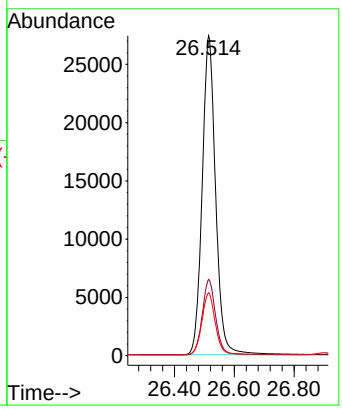




#41
Benzo(g,h,i)perylene
Concen: 0.354 ng
RT: 26.514 min Scan# 3312
Delta R.T. 0.000 min
Lab File: BN016440.D
Acq: 24 Sep 2021 16:08

Tgt Ion:276 Resp: 85390

Ion	Ratio	Lower	Upper
276	100		
277	23.8	20.5	30.7
138	19.7	18.2	27.4



Instrument :
BNA_N
ClientSampleId :
PB139115BS