Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092421\
Data File : BN016430.D
Acq On : 23 Sep 2021 20:52
Operator : CG/JU
Sample : PB139285BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB139285BS

Quant Time: Sep 24 02:32:38 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 23 18:55:22 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.670	152	22879	0.400	ng	0.00
7) Naphthalene-d8	10.432	136	96936	0.400	ng	#-0.01
13) Acenaphthene-d10	14.294	164	49090	0.400	ng	0.00
19) Phenanthrene-d10	17.042	188	92085	0.400	ng	# 0.00
29) Chrysene-d12	21.249	240	88865	0.400	ng	# 0.00
35) Perylene-d12	23.519	264	82094	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.282	112	17524	0.341	ng	0.00
5) Phenol-d6	6.849	99	20429	0.337	ng	0.00
8) Nitrobenzene-d5	8.810	82	27260	0.397	ng	0.00
11) 2-Methylnaphthalene-d10	12.034	152	53866	0.375	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	3976	0.342	ng	0.00
15) 2-Fluorobiphenyl	12.924	172	76869	0.373	ng	0.00
27) Fluoranthene-d10	19.088	212	91514	0.362	ng	0.00
31) Terphenyl-d14	19.698	244	79610	0.385	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.281	88	3849	0.393	ng	# 79
3) n-Nitrosodimethylamine	3.631	42	9517	0.404	ng	# 69
6) bis(2-Chloroethyl)ether	7.108	93	24238	0.395	ng	92
9) Naphthalene	10.483	128	97434	0.377	ng	99
10) Hexachlorobutadiene	10.774	225	19933	0.388	ng	# 99
12) 2-Methylnaphthalene	12.105	142	62473	0.381	ng	98
16) Acenaphthylene	14.015	152	74761	0.375	ng	99
17) Acenaphthene	14.358	154	51746	0.365	ng	98
18) Fluorene	15.347	166	61620	0.362	ng	99
20) 4,6-Dinitro-2-methylph...	15.436	198	1848	0.319	ng	# 67
21) 4-Bromophenyl-phenylether	16.251	248	19732	0.367	ng	98
22) Hexachlorobenzene	16.348	284	20457	0.384	ng	# 89
23) Atrazine	16.531	200	11410	0.359	ng	96
24) Pentachlorophenol	16.701	266	4316	0.402	ng	98
25) Phenanthrene	17.091	178	101165	0.369	ng	99
26) Anthracene	17.176	178	79631	0.349	ng	99
28) Fluoranthene	19.117	202	113524	0.378	ng	99
30) Pyrene	19.480	202	109300	0.393	ng	99
32) Benzo(a)anthracene	21.238	228	94688	0.367	ng	99
33) Chrysene	21.291	228	113100	0.409	ng	100
34) Bis(2-ethylhexyl)phtha...	21.185	149	25967	0.370	ng	97
36) Indeno(1,2,3-cd)pyrene	25.815	276	103038	0.387	ng	99
37) Benzo(b)fluoranthene	22.834	252	96563	0.352	ng	98
38) Benzo(k)fluoranthene	22.882	252	105581	0.398	ng	99
39) Benzo(a)pyrene	23.419	252	80427	0.360	ng	97
40) Dibenzo(a,h)anthracene	25.839	278	89392	0.395	ng	96
41) Benzo(g,h,i)perylene	26.514	276	85403	0.367	ng	95

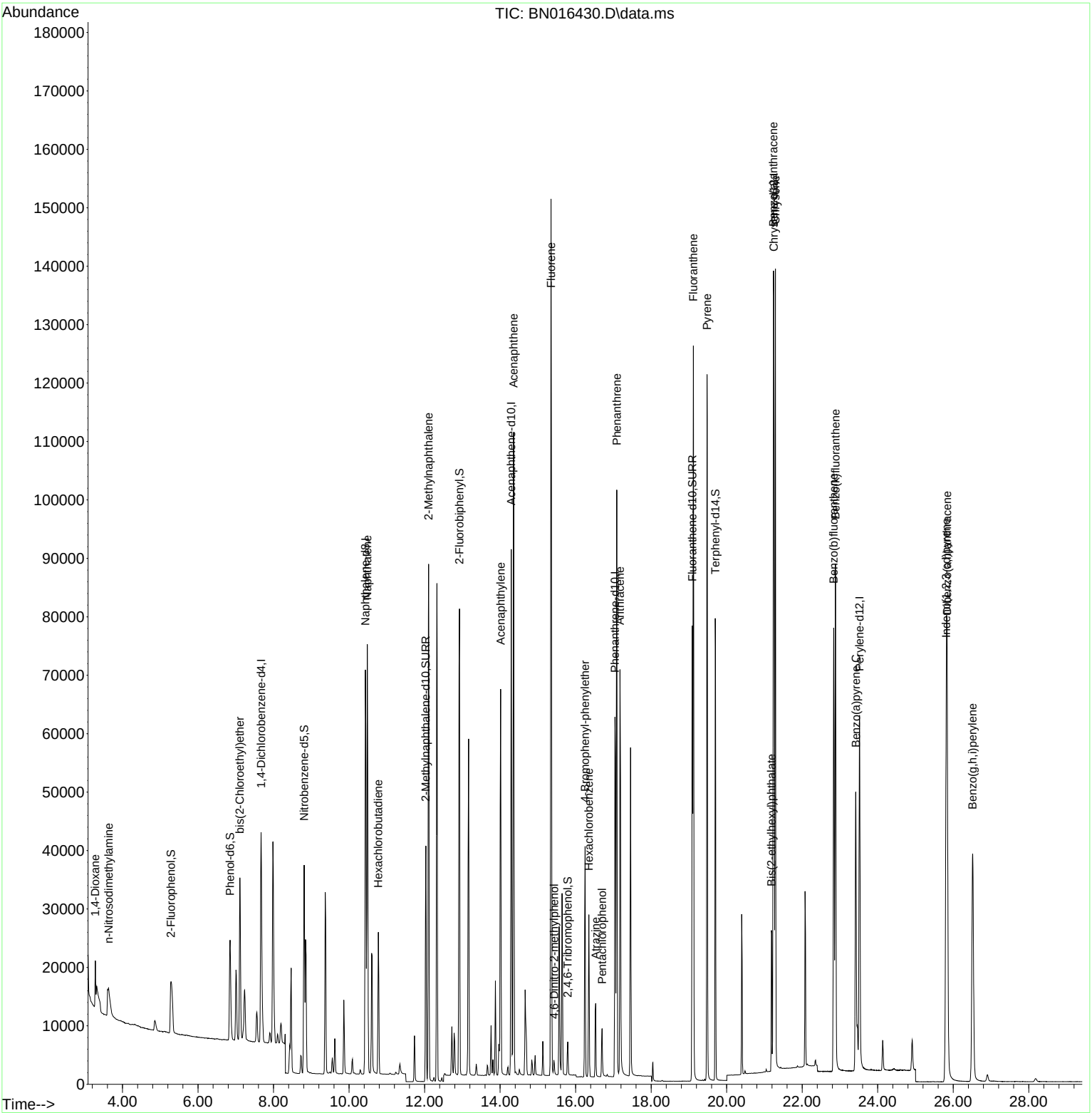
(#) = qualifier out of range (m) = manual integration (+) = signals summed

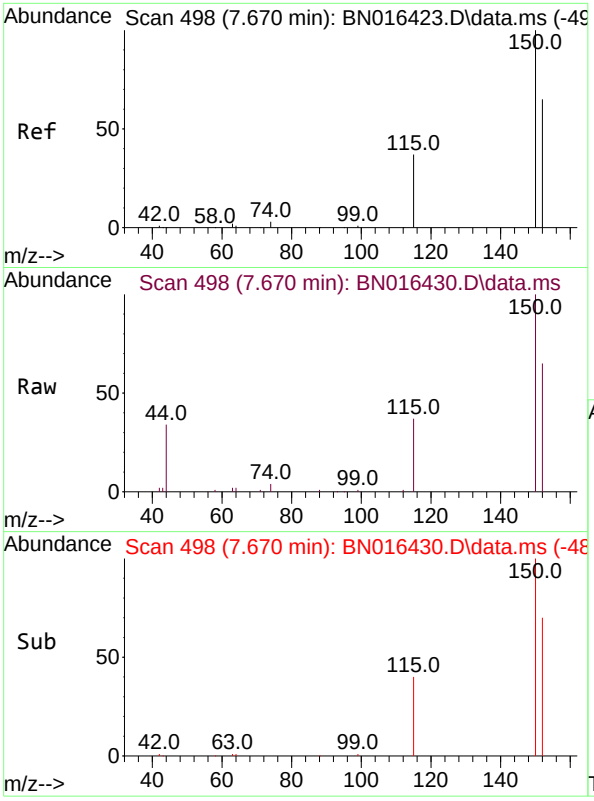
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092421\
Data File : BN016430.D
Acq On : 23 Sep 2021 20:52
Operator : CG/JU
Sample : PB139285BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB139285BS

Quant Time: Sep 24 02:32:38 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 23 18:55:22 2021
Response via : Initial Calibration

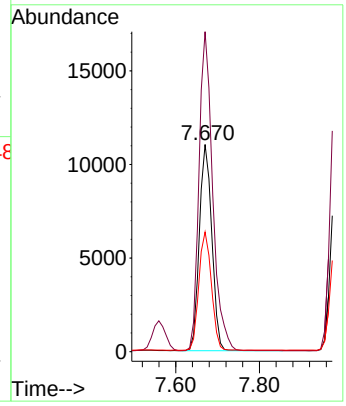




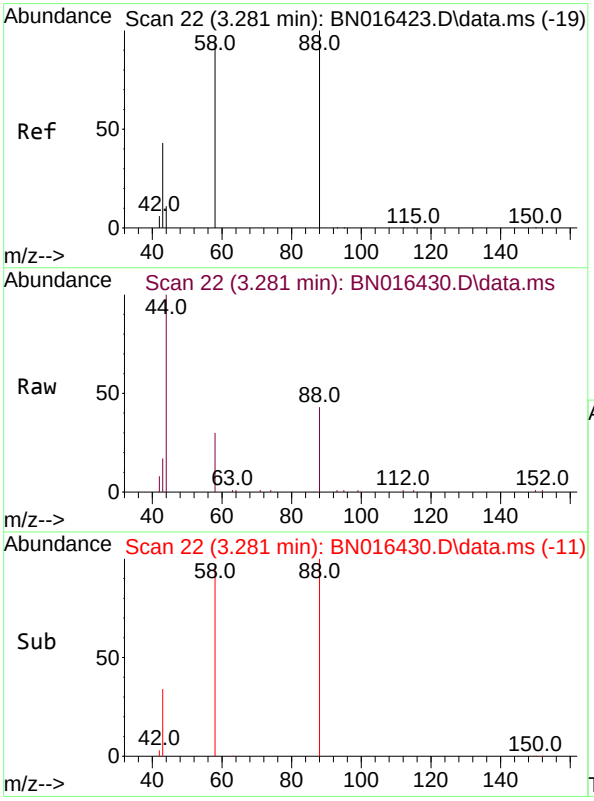
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.670 min Scan# 498
Delta R.T. 0.000 min
Lab File: BN016430.D
Acq: 23 Sep 2021 20:52

Tgt Ion:152 Resp: 22879

Ion	Ratio	Lower	Upper
152	100		
150	154.5	125.6	188.4
115	57.7	50.2	75.2



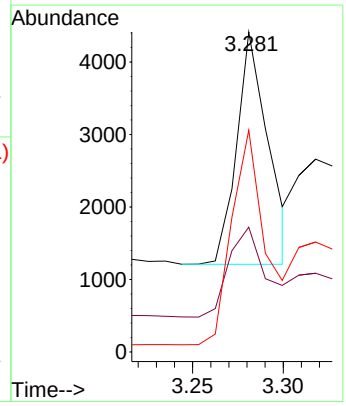
Instrument :
BNA_N
ClientSampleId :
PB139285BS



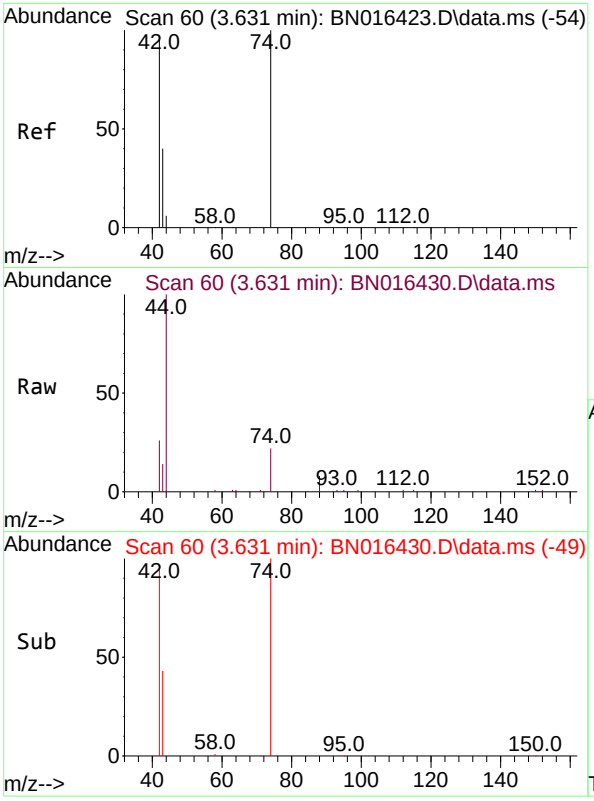
#2
1,4-Dioxane
Concen: 0.393 ng
RT: 3.281 min Scan# 22
Delta R.T. 0.000 min
Lab File: BN016430.D
Acq: 23 Sep 2021 20:52

Tgt Ion: 88 Resp: 3849

Ion	Ratio	Lower	Upper
88	100		
43	46.4	20.3	30.5#
58	100.8	69.9	104.9



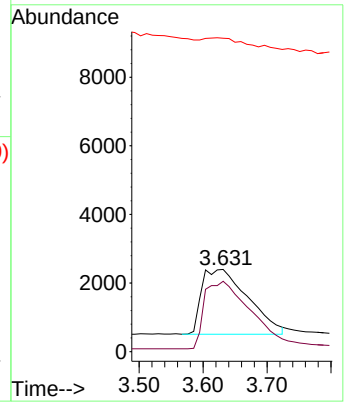
Instrument :
BNA_N
ClientSampleId :
PB139285BS

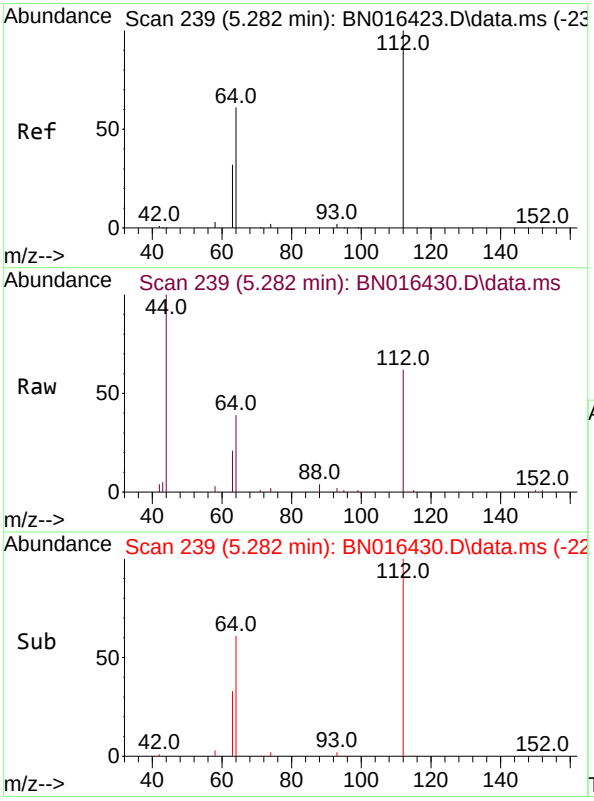


#3
n-Nitrosodimethylamine
Concen: 0.404 ng
RT: 3.631 min Scan# 60
Delta R.T. 0.000 min
Lab File: BN016430.D
Acq: 23 Sep 2021 20:52

Tgt Ion: 42 Resp: 9517

Ion	Ratio	Lower	Upper
42	100		
74	103.7	113.6	170.4#
44	0.0	0.0	0.0

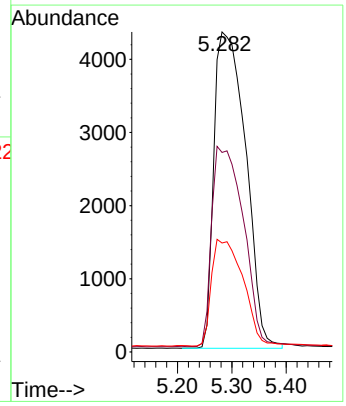




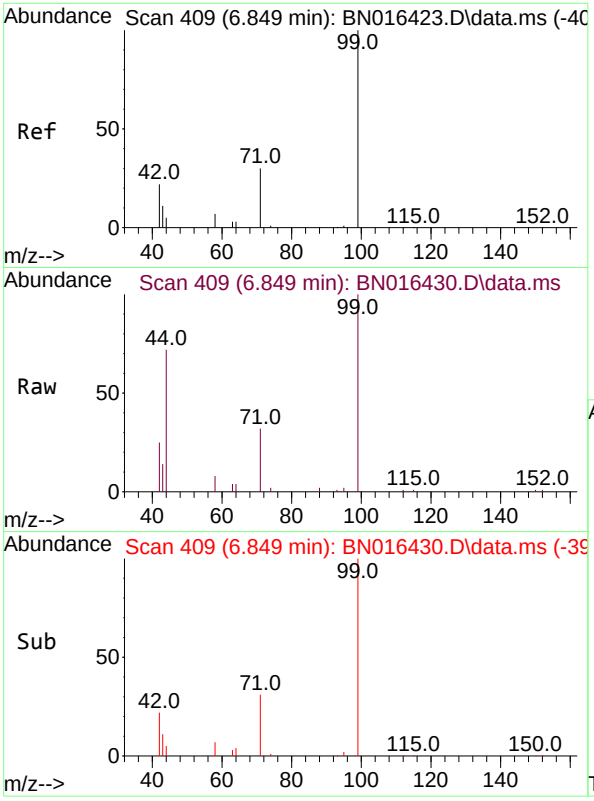
#4
2-Fluorophenol
Concen: 0.341 ng
RT: 5.282 min Scan# 239
Delta R.T. 0.000 min
Lab File: BN016430.D
Acq: 23 Sep 2021 20:52

Tgt Ion:112 Resp: 17524

Ion	Ratio	Lower	Upper
112	100		
64	63.1	47.3	70.9
63	33.5	23.4	35.0



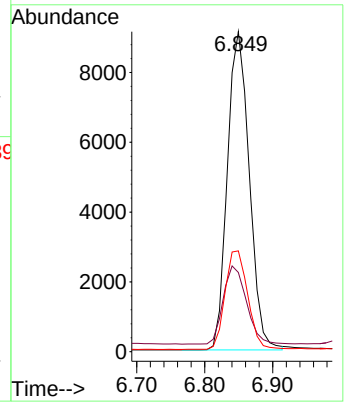
Instrument :
BNA_N
ClientSampleId :
PB139285BS

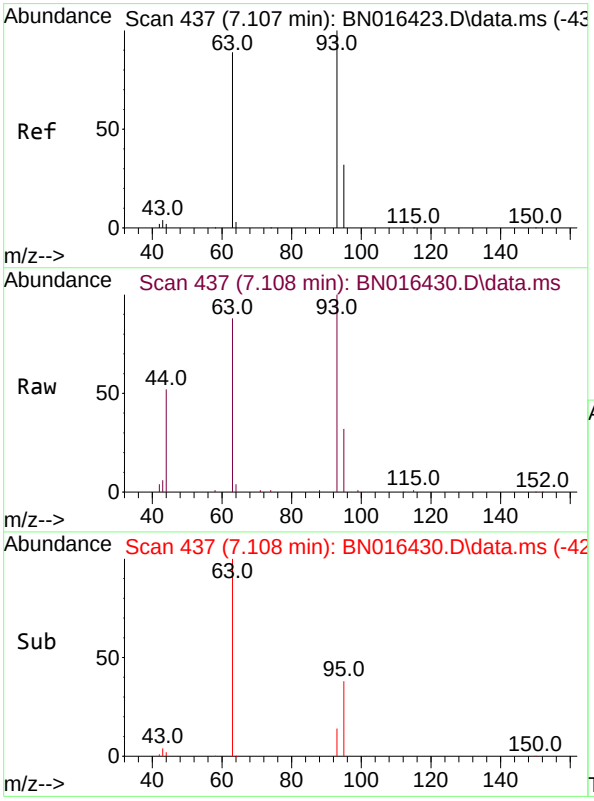


#5
Phenol-d6
Concen: 0.337 ng
RT: 6.849 min Scan# 409
Delta R.T. 0.000 min
Lab File: BN016430.D
Acq: 23 Sep 2021 20:52

Tgt Ion: 99 Resp: 20429

Ion	Ratio	Lower	Upper
99	100		
42	26.0	14.0	21.0#
71	32.0	23.8	35.6

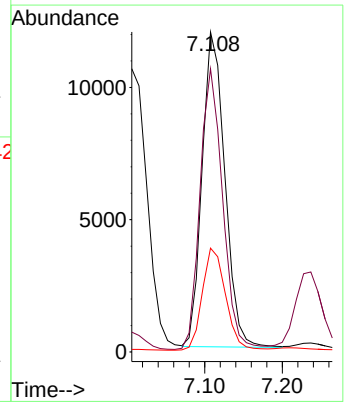




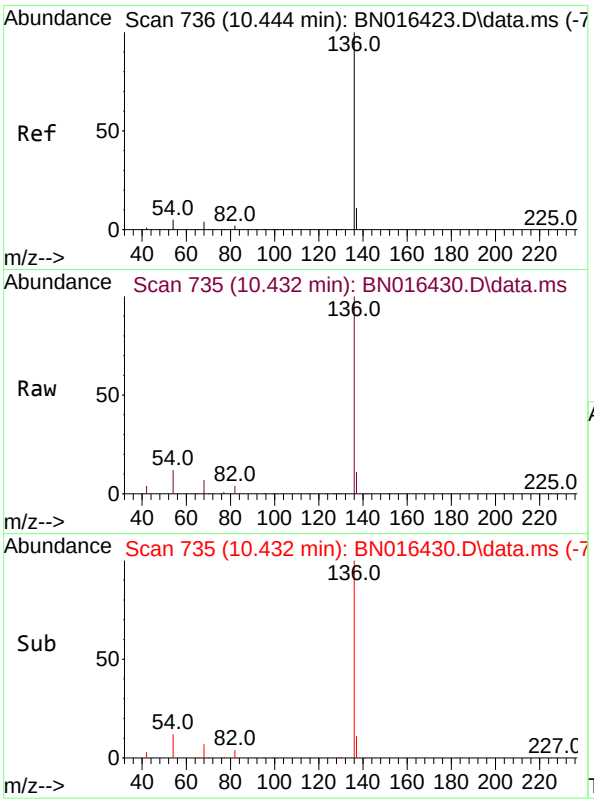
#6
bis(2-Chloroethyl)ether
Concen: 0.395 ng
RT: 7.108 min Scan# 437
Delta R.T. 0.000 min
Lab File: BN016430.D
Acq: 23 Sep 2021 20:52

Tgt Ion: 93 Resp: 24238

Ion	Ratio	Lower	Upper
93	100		
63	88.7	63.4	95.0
95	33.1	26.8	40.2



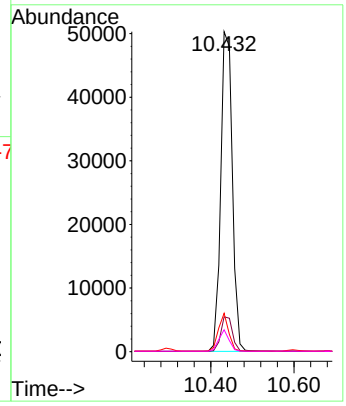
Instrument :
BNA_N
ClientSampleId :
PB139285BS

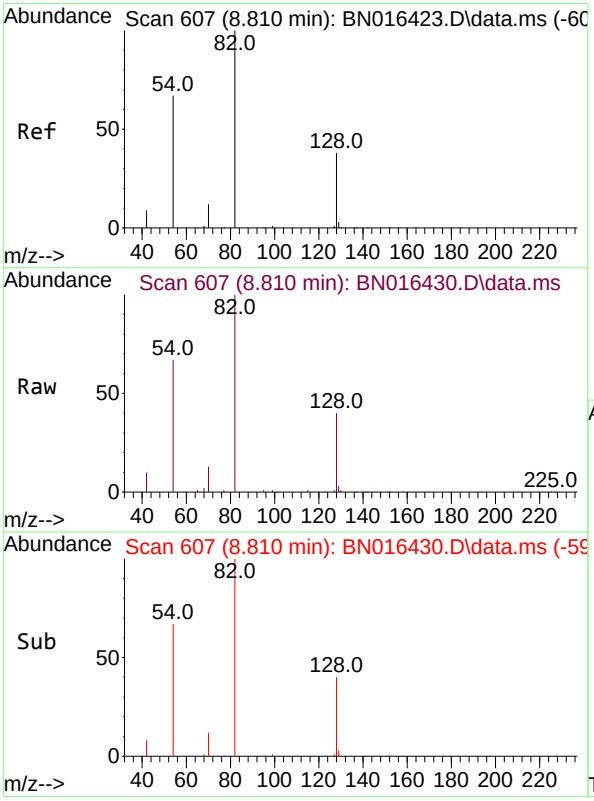


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.432 min Scan# 735
Delta R.T. -0.012 min
Lab File: BN016430.D
Acq: 23 Sep 2021 20:52

Tgt Ion:136 Resp: 96936

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	12.0	5.3	7.9#
68	6.8	3.9	5.9#

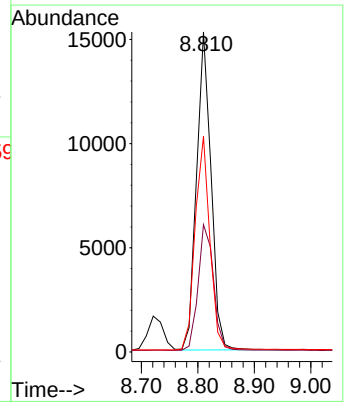


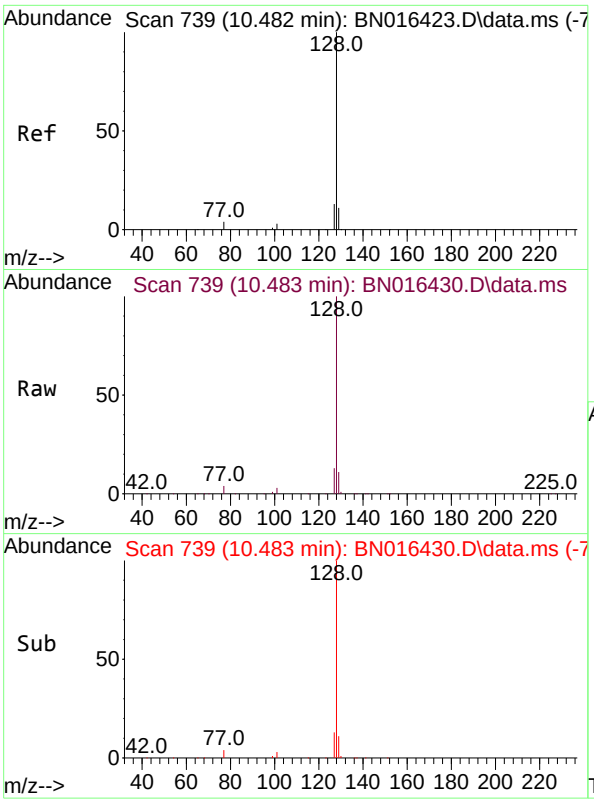


#8
Nitrobenzene-d5
Concen: 0.397 ng
RT: 8.810 min Scan# 607
Delta R.T. 0.000 min
Lab File: BN016430.D
Acq: 23 Sep 2021 20:52

Tgt Ion: 82 Resp: 27260

Ion	Ratio	Lower	Upper
82	100		
128	39.8	31.7	47.5
54	67.4	46.4	69.6

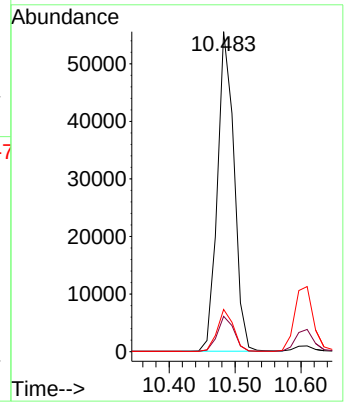




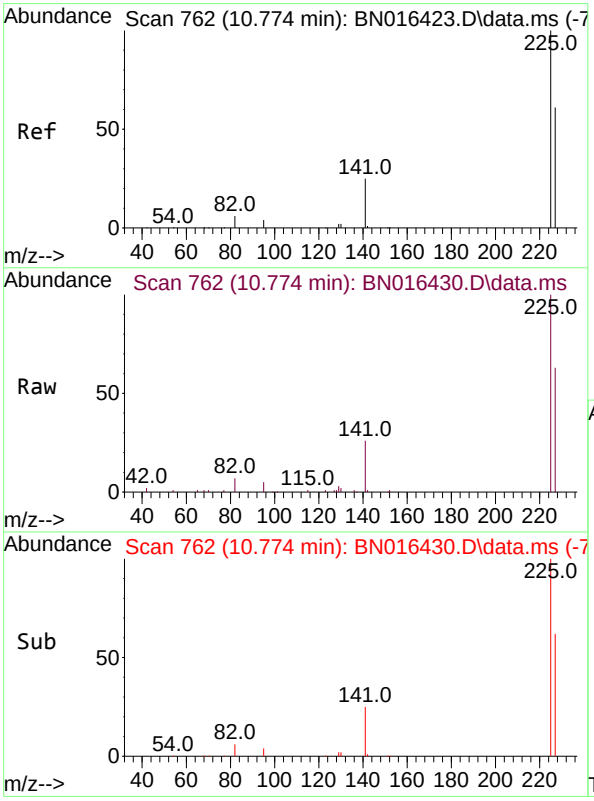
#9
Naphthalene
Concen: 0.377 ng
RT: 10.483 min Scan# 739
Delta R.T. 0.000 min
Lab File: BN016430.D
Acq: 23 Sep 2021 20:52

Tgt Ion:128 Resp: 97434

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.9	13.3
127	13.2	10.1	15.1



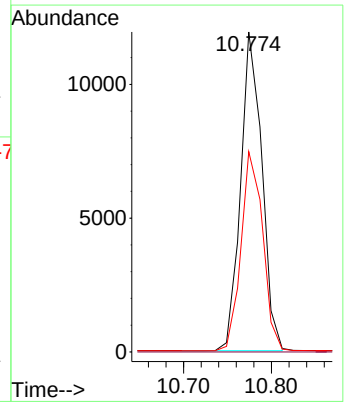
Instrument :
BNA_N
ClientSampleId :
PB139285BS

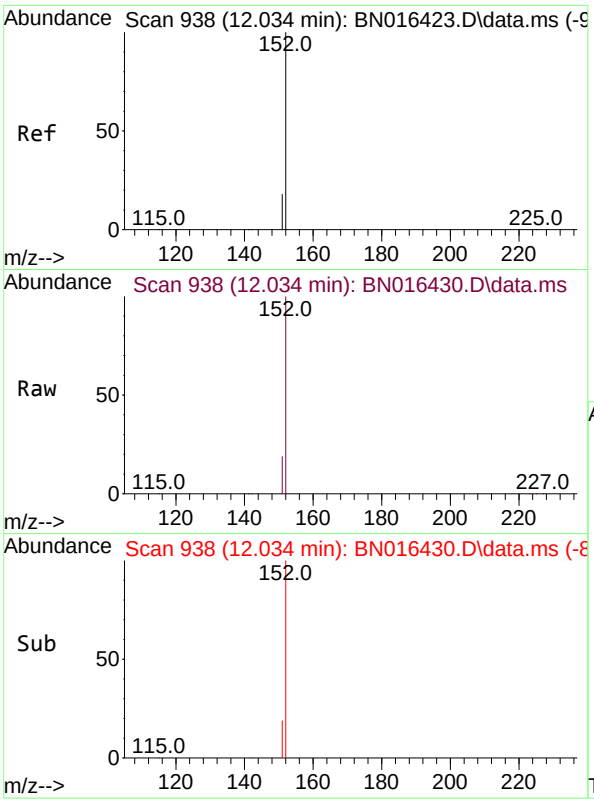


#10
Hexachlorobutadiene
Concen: 0.388 ng
RT: 10.774 min Scan# 762
Delta R.T. 0.000 min
Lab File: BN016430.D
Acq: 23 Sep 2021 20:52

Tgt Ion:225 Resp: 19933

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.8	51.5	77.3

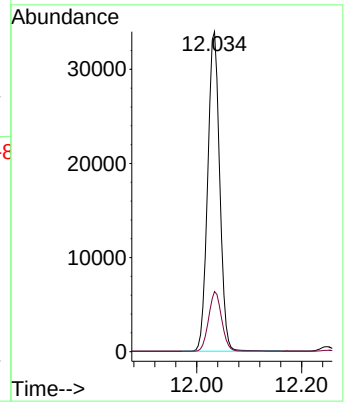




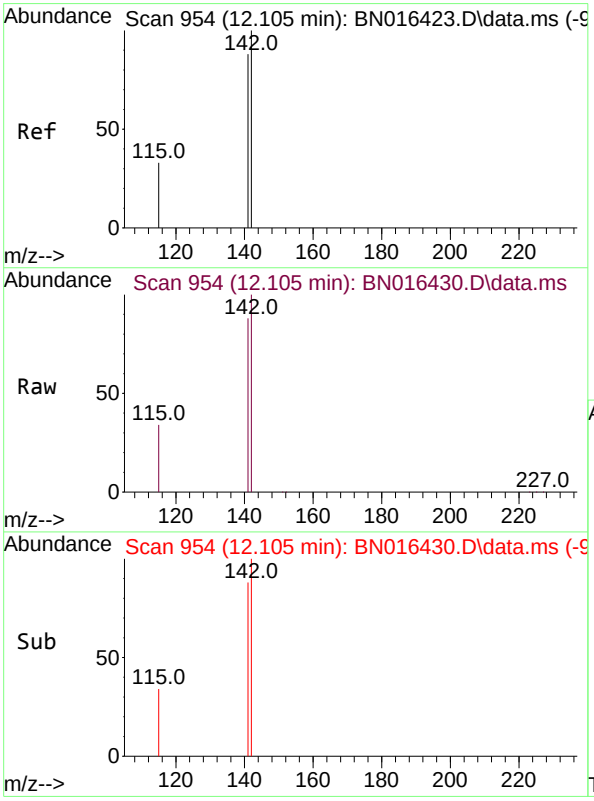
#11
2-Methylnaphthalene-d10
Concen: 0.375 ng
RT: 12.034 min Scan# 938
Delta R.T. 0.000 min
Lab File: BN016430.D
Acq: 23 Sep 2021 20:52

Tgt Ion:152 Resp: 53866

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.1	24.1



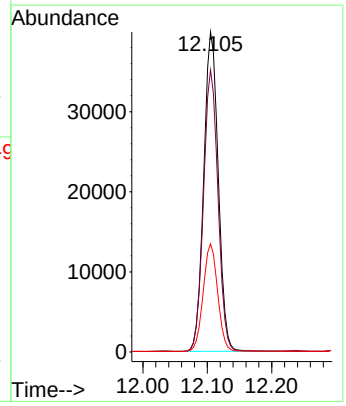
Instrument :
BNA_N
ClientSampleId :
PB139285BS



#12
2-Methylnaphthalene
Concen: 0.381 ng
RT: 12.105 min Scan# 954
Delta R.T. 0.000 min
Lab File: BN016430.D
Acq: 23 Sep 2021 20:52

Tgt Ion:142 Resp: 62473

Ion	Ratio	Lower	Upper
142	100		
141	88.2	69.8	104.8
115	33.8	24.4	36.6



Instrument :
BNA_N
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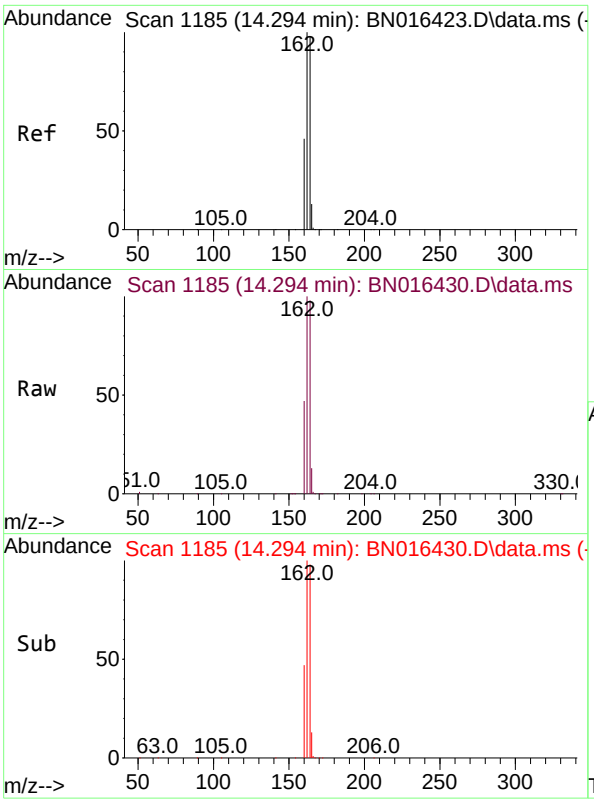
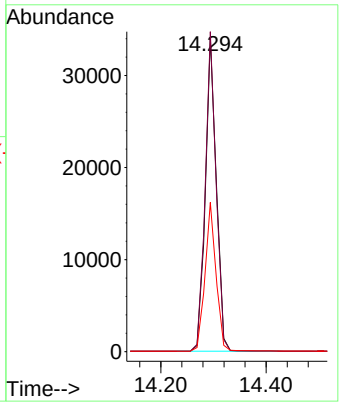
PB139285BS

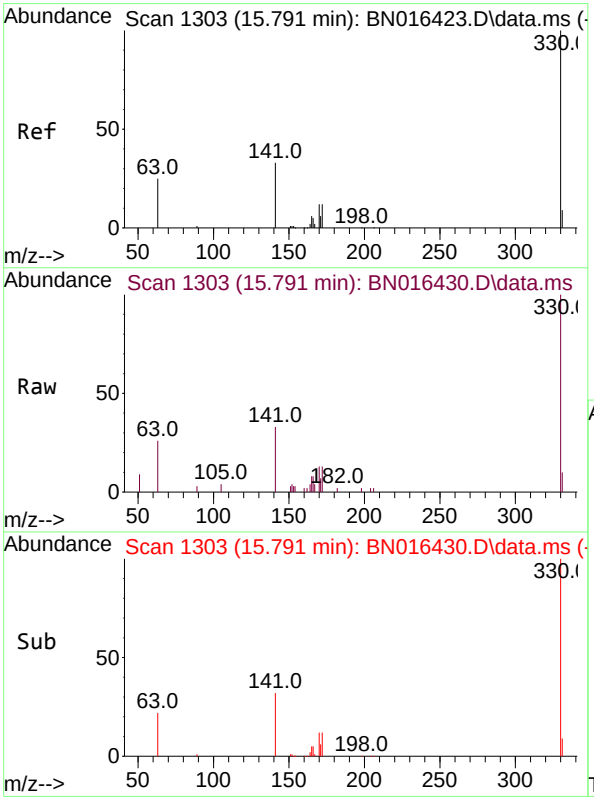


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.294 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BN016430.D
Acq: 23 Sep 2021 20:52

Tgt Ion:164 Resp: 49090

Ion	Ratio	Lower	Upper
164	100		
162	101.7	79.0	118.4
160	47.5	34.1	51.1

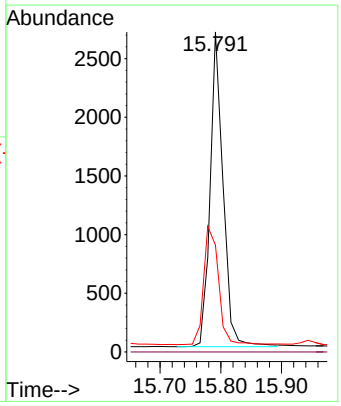




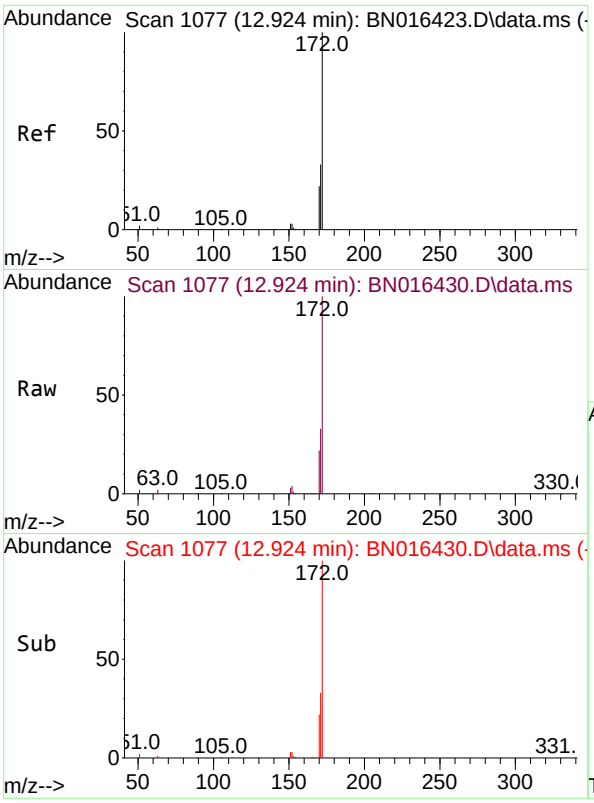
#14
2,4,6-Tribromophenol
Concen: 0.342 ng
RT: 15.791 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BN016430.D
Acq: 23 Sep 2021 20:52

Tgt Ion:330 Resp: 3976

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	43.1	25.0	37.4#



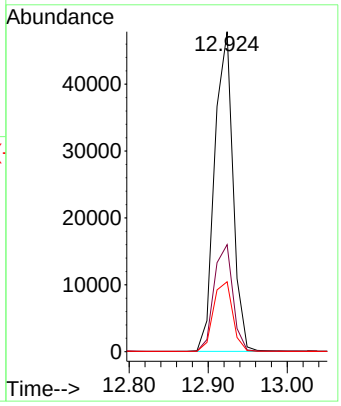
Instrument :
BNA_N
ClientSampleId :
PB139285BS

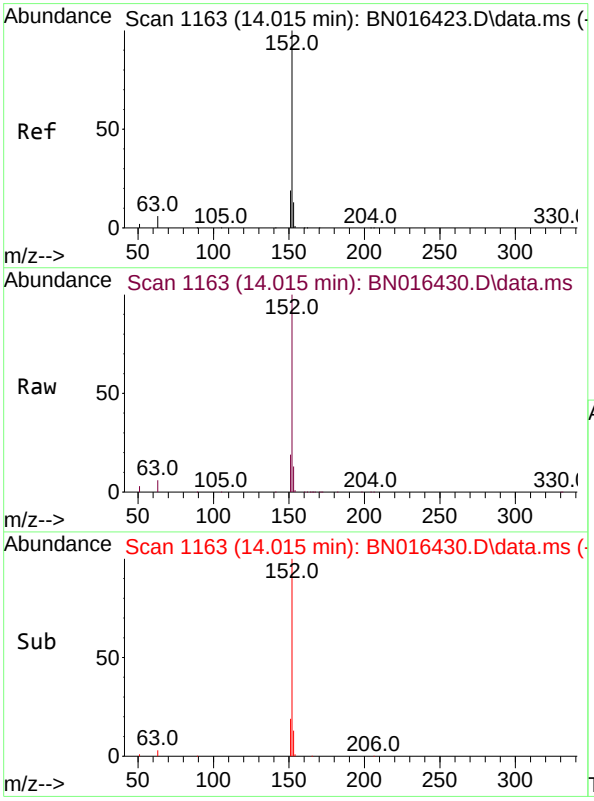


#15
2-Fluorobiphenyl
Concen: 0.373 ng
RT: 12.924 min Scan# 1077
Delta R.T. 0.000 min
Lab File: BN016430.D
Acq: 23 Sep 2021 20:52

Tgt Ion:172 Resp: 76869

Ion	Ratio	Lower	Upper
172	100		
171	33.5	27.8	41.6
170	21.9	18.2	27.2

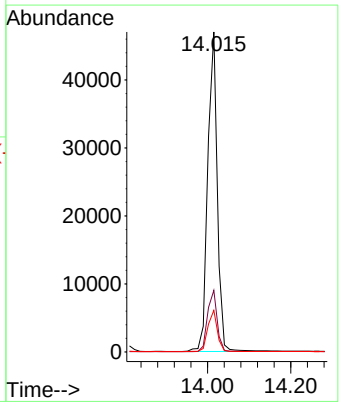




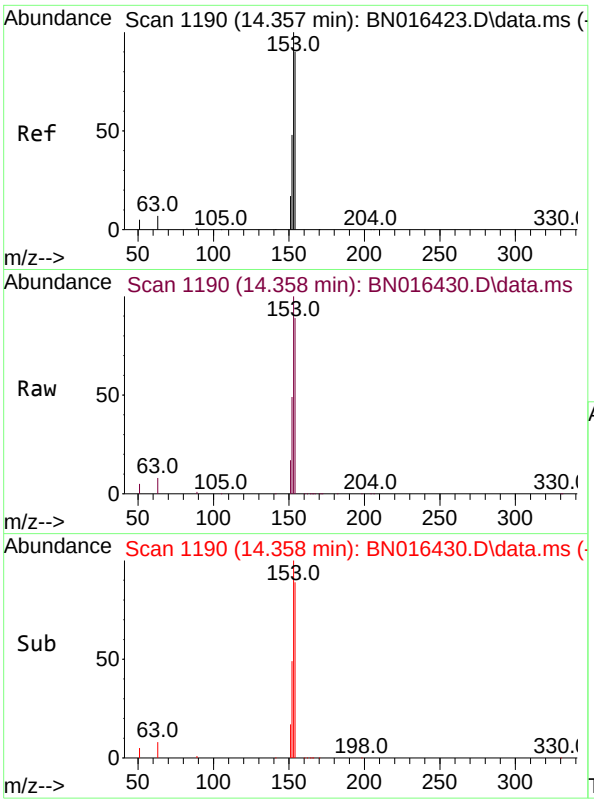
#16
Acenaphthylene
Concen: 0.375 ng
RT: 14.015 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BN016430.D
Acq: 23 Sep 2021 20:52

Tgt Ion:152 Resp: 74761

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.2	22.8
153	13.0	10.5	15.7



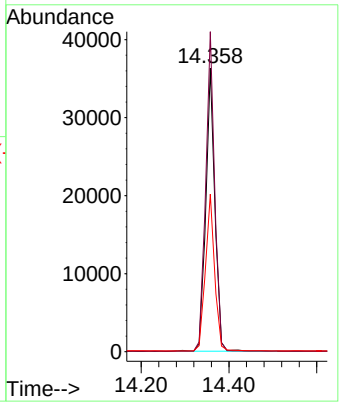
Instrument :
BNA_N
ClientSampleId :
PB139285BS

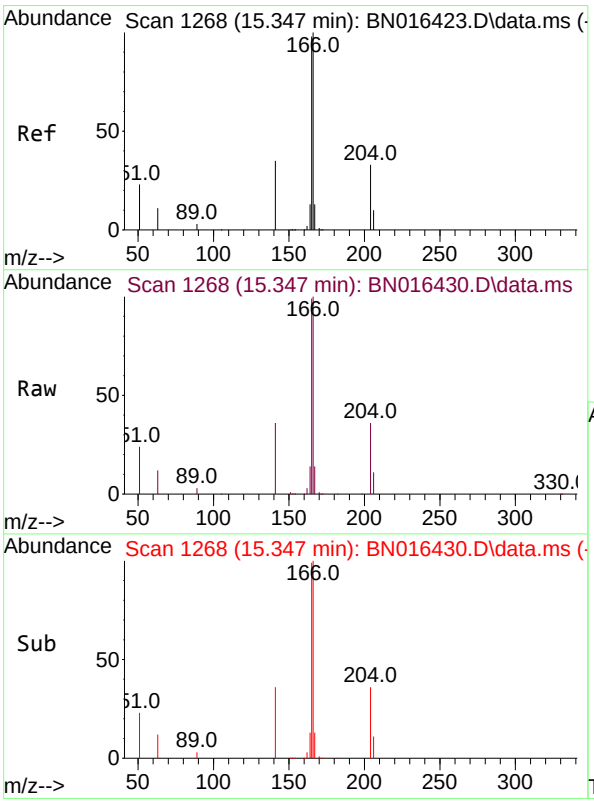


#17
Acenaphthene
Concen: 0.365 ng
RT: 14.358 min Scan# 1190
Delta R.T. 0.000 min
Lab File: BN016430.D
Acq: 23 Sep 2021 20:52

Tgt Ion:154 Resp: 51746

Ion	Ratio	Lower	Upper
154	100		
153	112.5	89.3	133.9
152	56.5	42.2	63.4

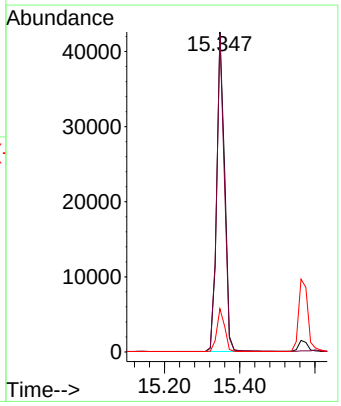




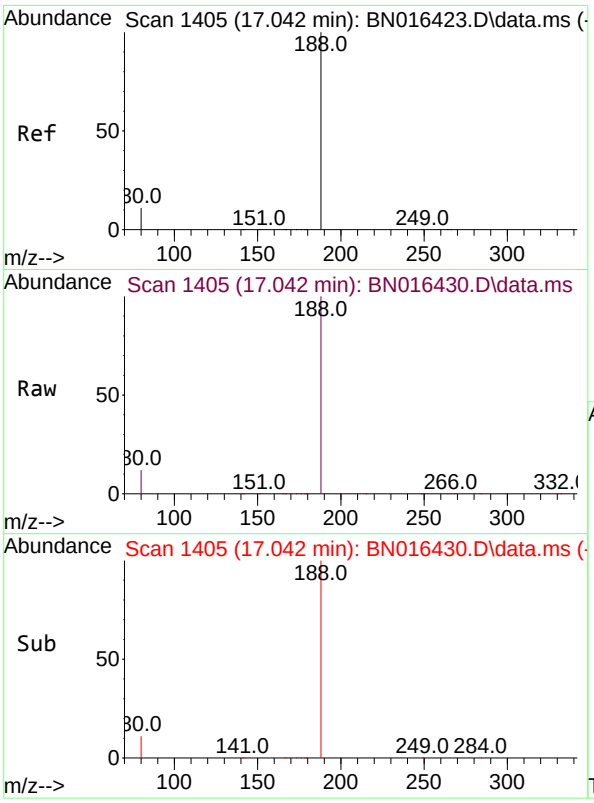
#18
Fluorene
Concen: 0.362 ng
RT: 15.347 min Scan# 1268
Delta R.T. 0.000 min
Lab File: BN016430.D
Acq: 23 Sep 2021 20:52

Tgt Ion:166 Resp: 61620

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



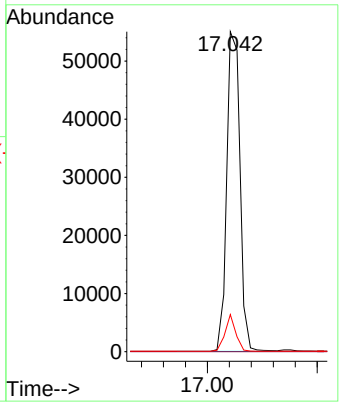
Instrument :
BNA_N
ClientSampleId :
PB139285BS

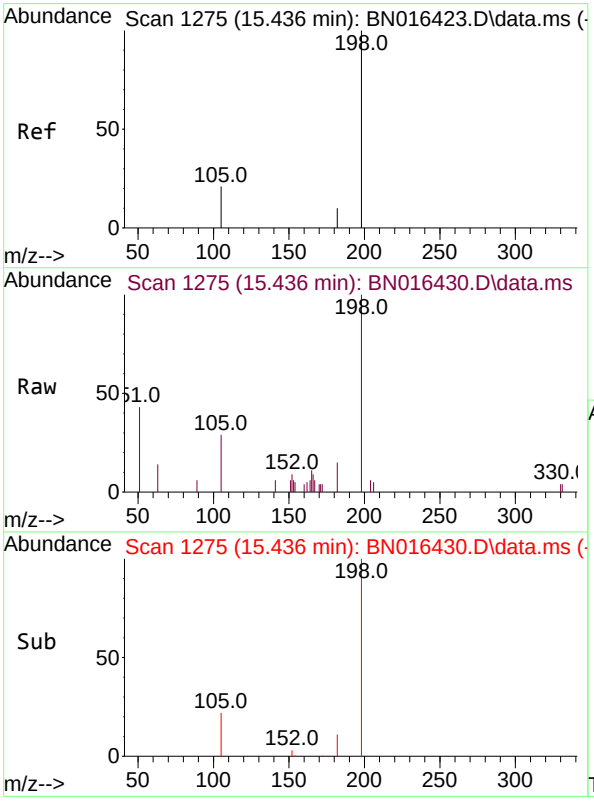


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.042 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BN016430.D
Acq: 23 Sep 2021 20:52

Tgt Ion:188 Resp: 92085

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.6	7.0	10.6#

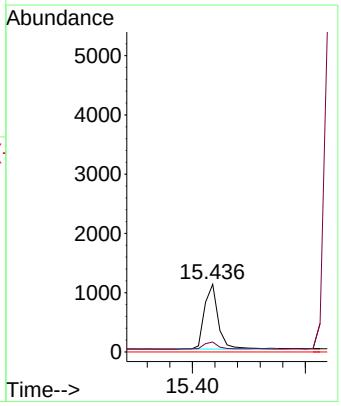




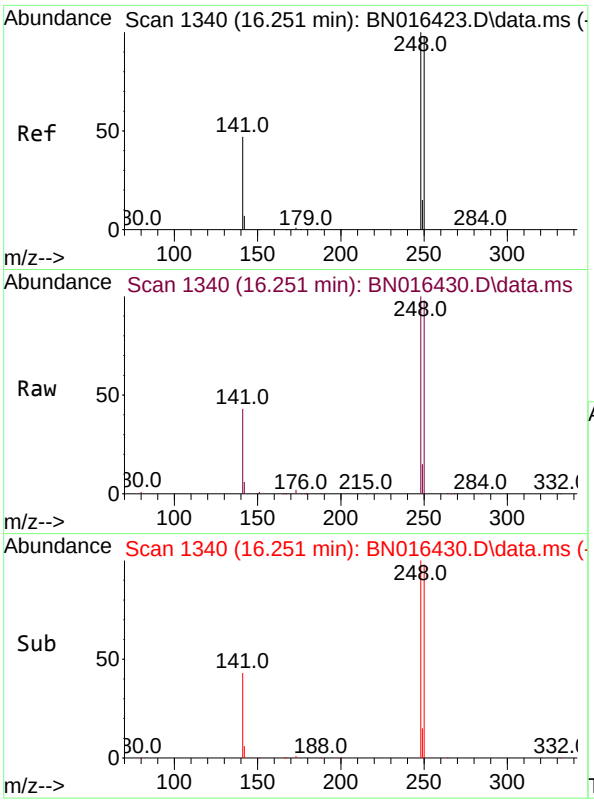
#20
4,6-Dinitro-2-methylphenol
Concen: 0.319 ng
RT: 15.436 min Scan# 1275
Delta R.T. -0.000 min
Lab File: BN016430.D
Acq: 23 Sep 2021 20:52

Tgt Ion:198 Resp: 1848

Ion	Ratio	Lower	Upper
198	100		
182	14.6	26.6	39.8#
77	0.0	0.0	0.0



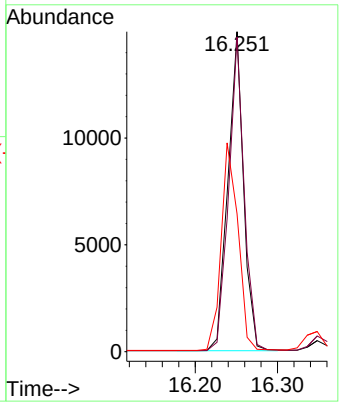
Instrument :
BNA_N
ClientSampleId :
PB139285BS

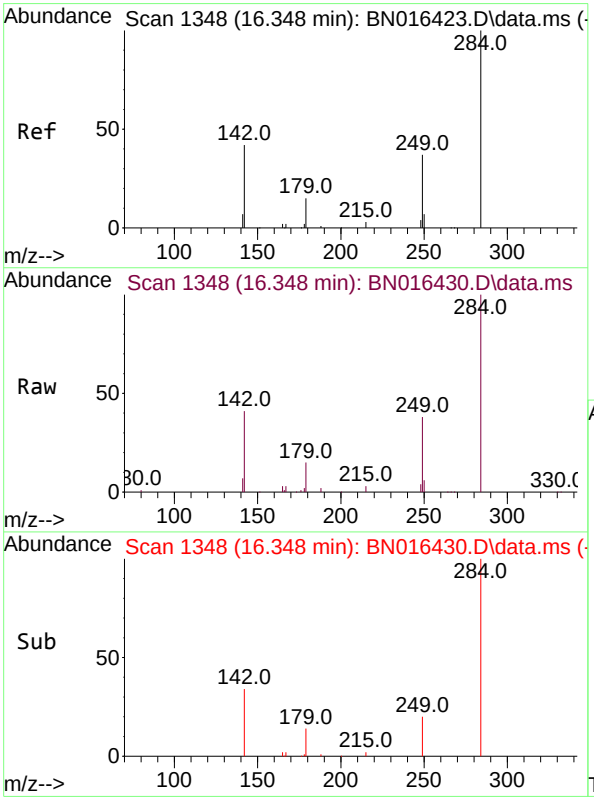


#21
4-Bromophenyl-phenylether
Concen: 0.367 ng
RT: 16.251 min Scan# 1340
Delta R.T. 0.000 min
Lab File: BN016430.D
Acq: 23 Sep 2021 20:52

Tgt Ion:248 Resp: 19732

Ion	Ratio	Lower	Upper
248	100		
250	98.4	80.5	120.7
141	43.1	34.8	52.2

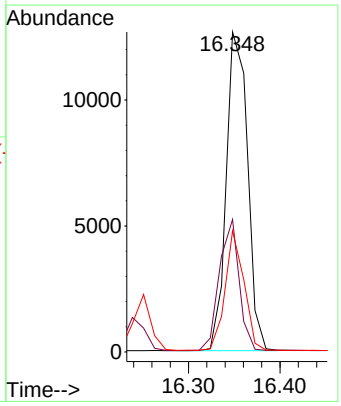




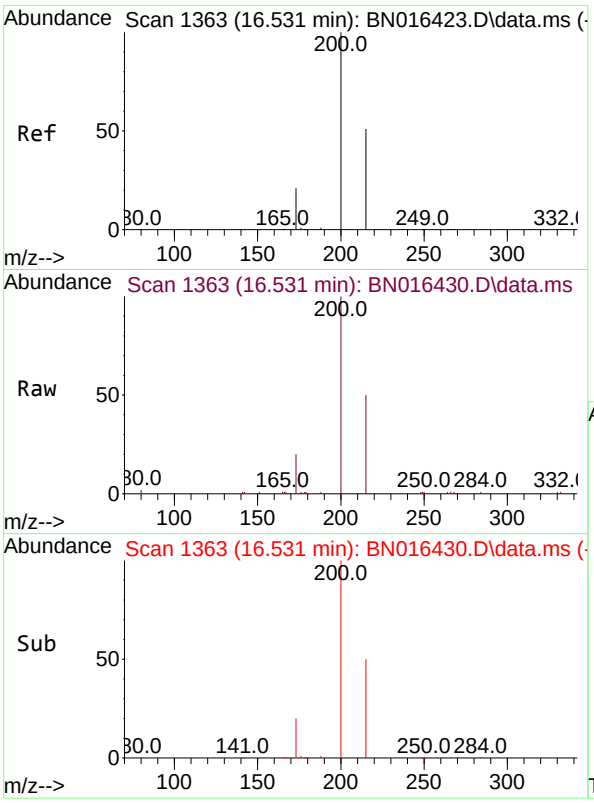
#22
Hexachlorobenzene
Concen: 0.384 ng
RT: 16.348 min Scan# 1348
Delta R.T. 0.000 min
Lab File: BN016430.D
Acq: 23 Sep 2021 20:52

Tgt Ion:284 Resp: 20457

Ion	Ratio	Lower	Upper
284	100		
142	38.0	22.6	34.0#
249	33.0	24.4	36.6



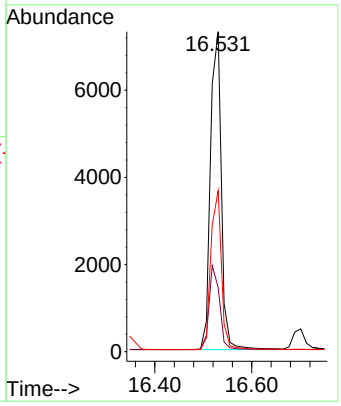
Instrument :
BNA_N
ClientSampleId :
PB139285BS

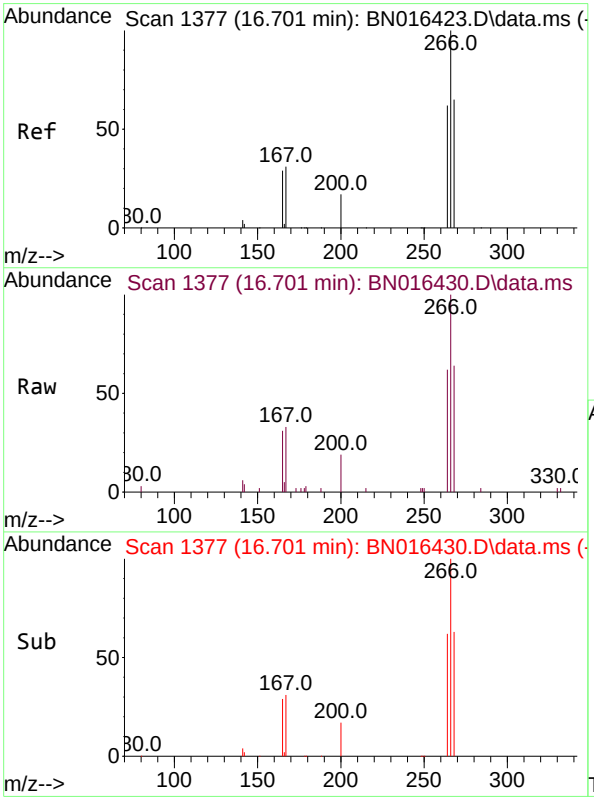


#23
Atrazine
Concen: 0.359 ng
RT: 16.531 min Scan# 1363
Delta R.T. -0.000 min
Lab File: BN016430.D
Acq: 23 Sep 2021 20:52

Tgt Ion:200 Resp: 11410

Ion	Ratio	Lower	Upper
200	100		
173	20.0	18.7	28.1
215	50.3	41.6	62.4

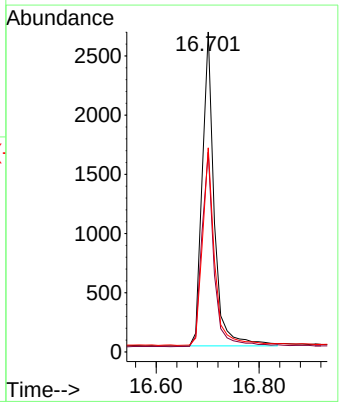




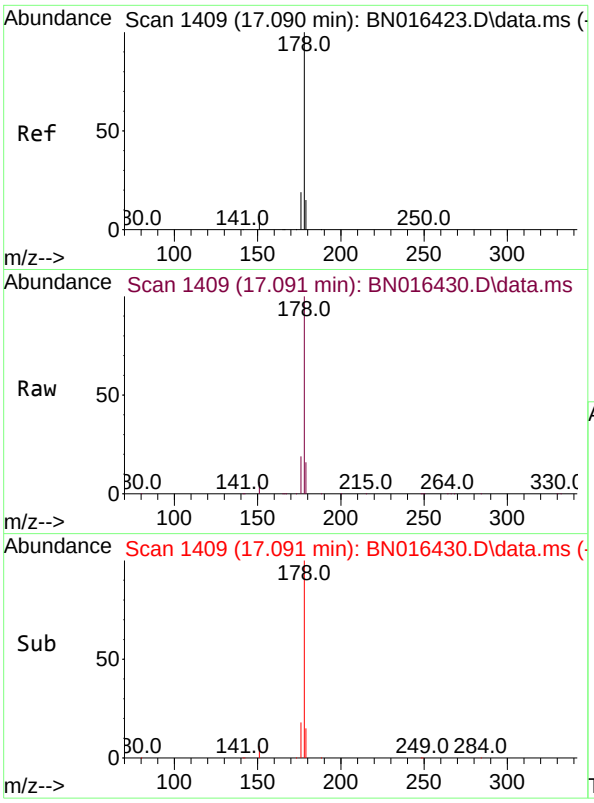
#24
Pentachlorophenol
Concen: 0.402 ng
RT: 16.701 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BN016430.D
Acq: 23 Sep 2021 20:52

Tgt Ion:266 Resp: 4316

Ion	Ratio	Lower	Upper
266	100		
264	63.5	50.6	75.8
268	63.6	52.6	79.0



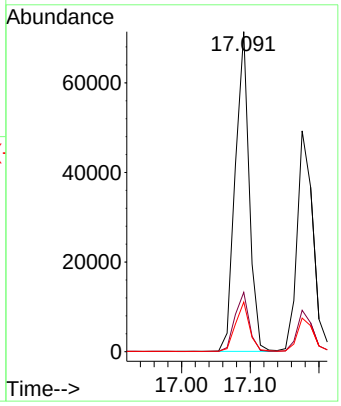
Instrument :
BNA_N
ClientSampleId :
PB139285BS

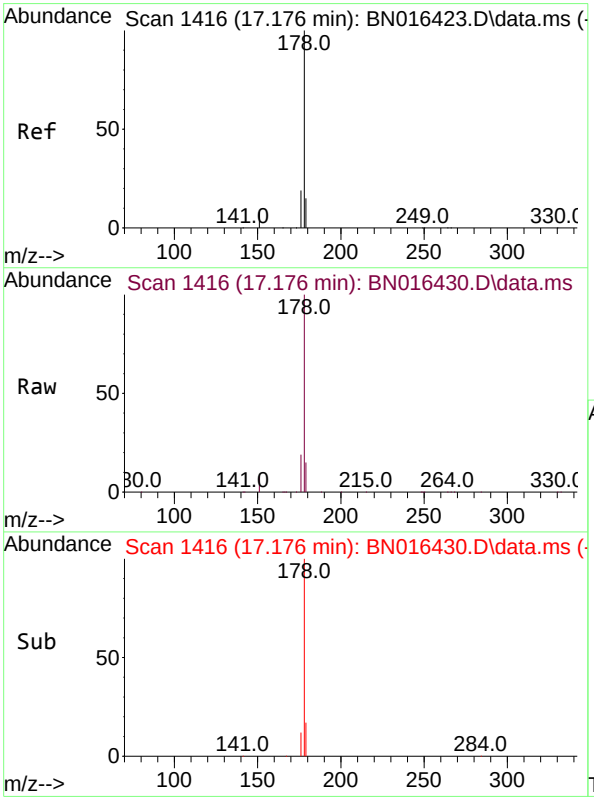


#25
Phenanthrene
Concen: 0.369 ng
RT: 17.091 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BN016430.D
Acq: 23 Sep 2021 20:52

Tgt Ion:178 Resp: 101165

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.4	21.6
179	15.5	12.2	18.4

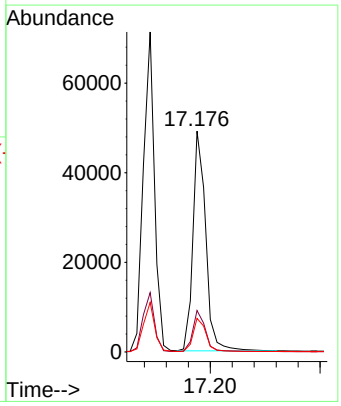


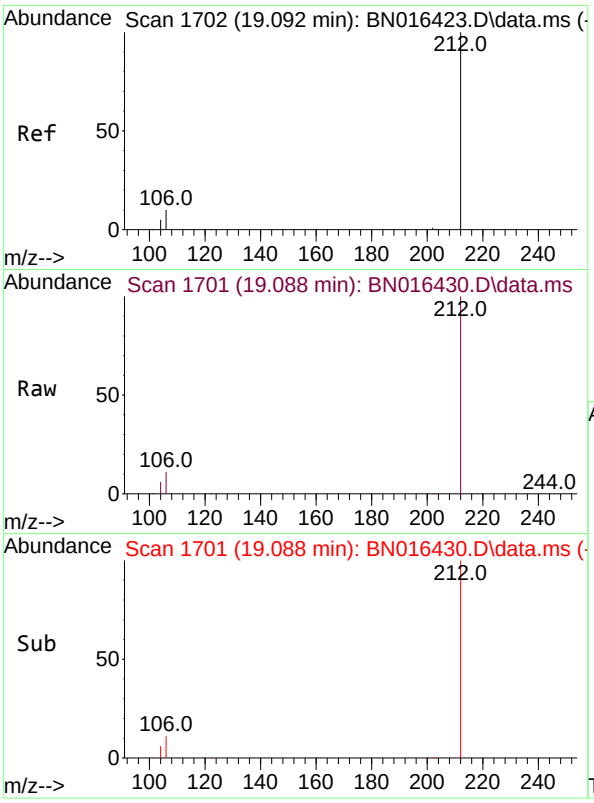


#26
Anthracene
Concen: 0.349 ng
RT: 17.176 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BN016430.D
Acq: 23 Sep 2021 20:52

Tgt Ion:178 Resp: 79631

Ion	Ratio	Lower	Upper
178	100		
176	18.2	13.9	20.9
179	15.2	12.2	18.4

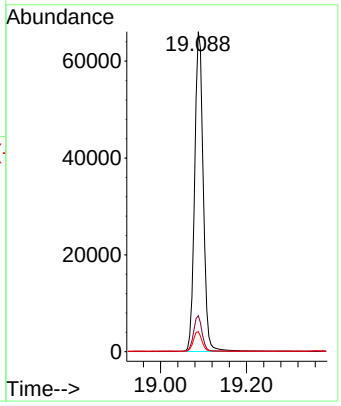




#27
Fluoranthene-d10
Concen: 0.362 ng
RT: 19.088 min Scan# 1701
Delta R.T. -0.005 min
Lab File: BN016430.D
Acq: 23 Sep 2021 20:52

Tgt Ion:212 Resp: 91514

Ion	Ratio	Lower	Upper
212	100		
106	11.1	9.8	14.6
104	6.2	5.4	8.2



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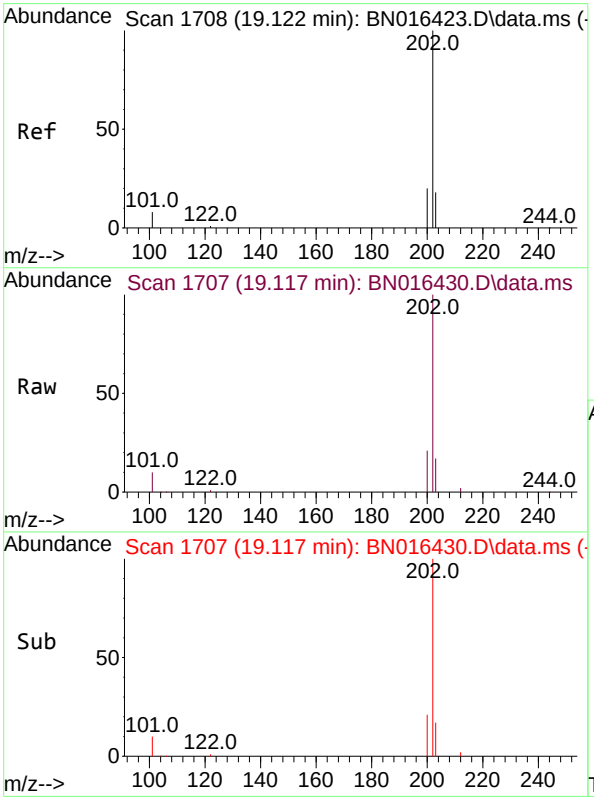
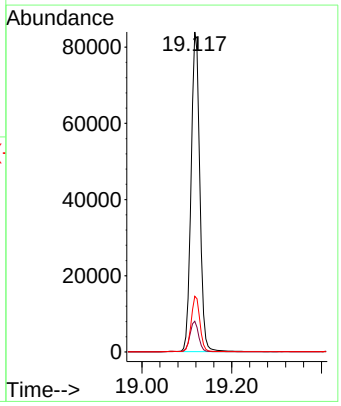


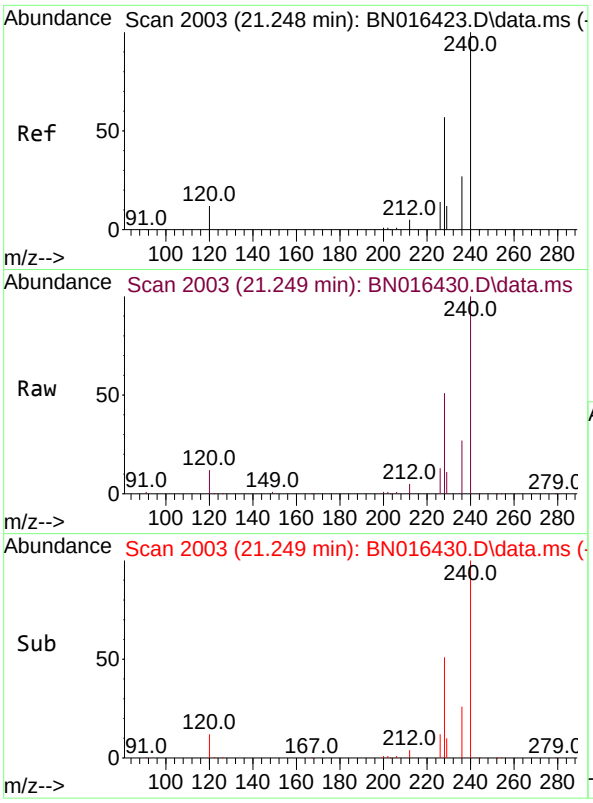
#28
Fluoranthene
Concen: 0.378 ng
RT: 19.117 min Scan# 1707
Delta R.T. -0.005 min
Lab File: BN016430.D
Acq: 23 Sep 2021 20:52

Tgt Ion:202 Resp: 113524

Ion	Ratio	Lower	Upper
202	100		
101	9.7	8.5	12.7
203	17.4	13.8	20.8



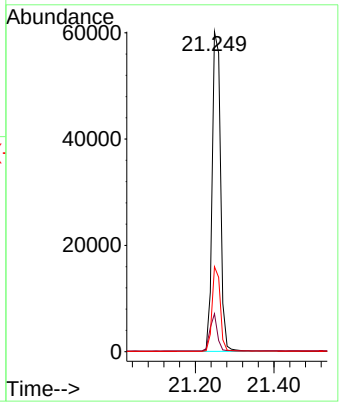
Instrument :
BNA_N
ClientSampleId :
PB139285BS

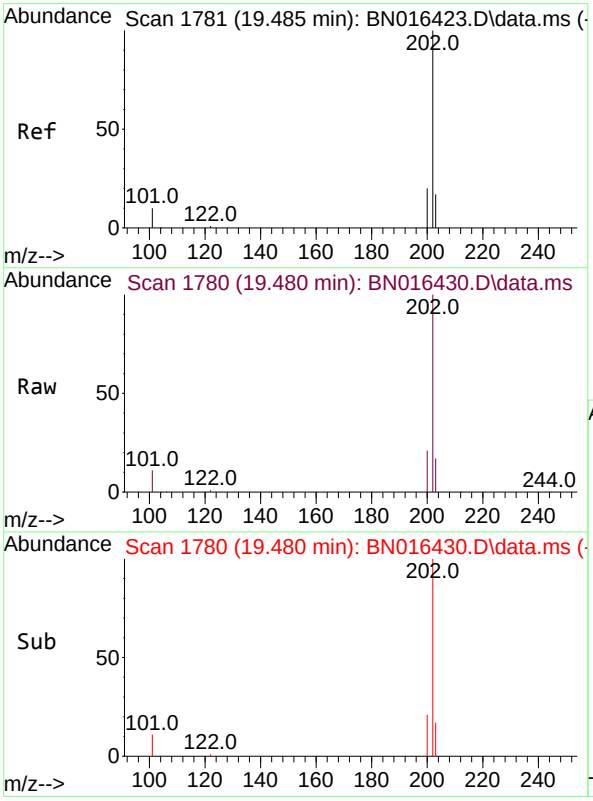


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.249 min Scan# 2003
Delta R.T. 0.000 min
Lab File: BN016430.D
Acq: 23 Sep 2021 20:52

Tgt Ion:240 Resp: 88865

Ion	Ratio	Lower	Upper
240	100		
120	11.9	5.3	7.9#
236	26.6	19.8	29.8

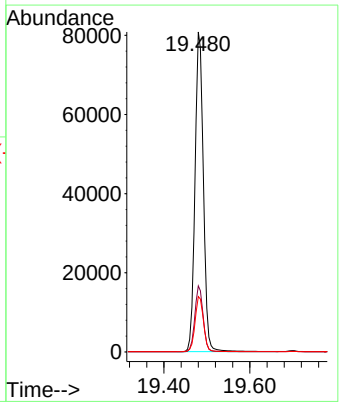


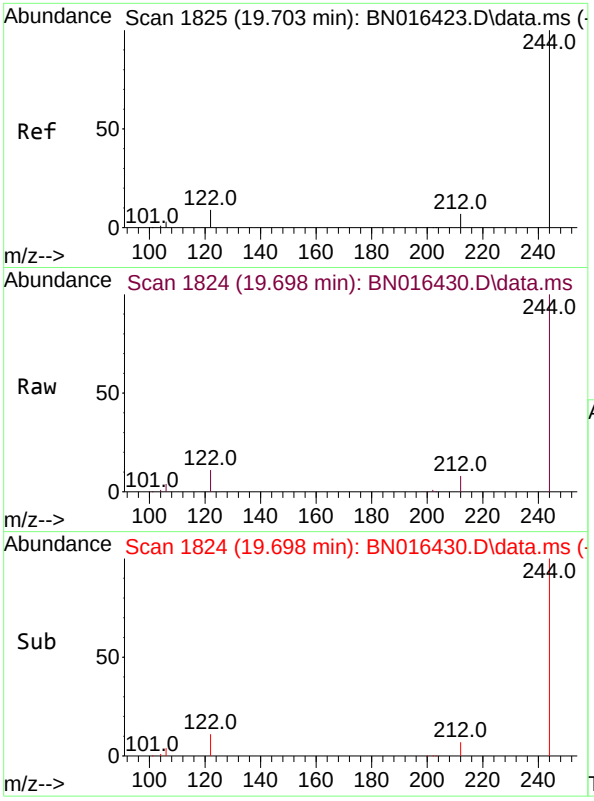


#30
Pyrene
Concen: 0.393 ng
RT: 19.480 min Scan# 1780
Delta R.T. -0.005 min
Lab File: BN016430.D
Acq: 23 Sep 2021 20:52

Tgt Ion:202 Resp: 109300

Ion	Ratio	Lower	Upper
202	100		
200	20.4	15.8	23.6
203	17.5	13.9	20.9

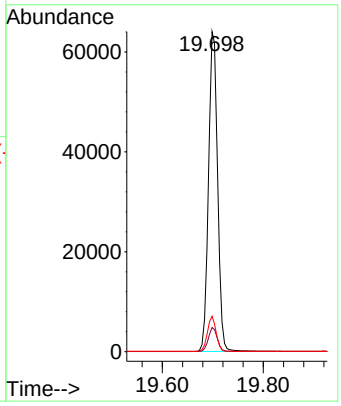


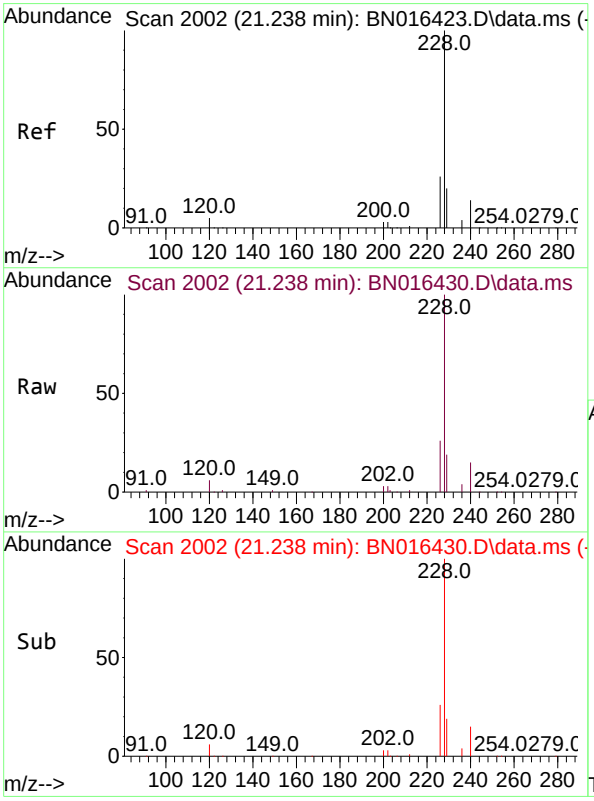


#31
Terphenyl-d14
Concen: 0.385 ng
RT: 19.698 min Scan# 1824
Delta R.T. -0.005 min
Lab File: BN016430.D
Acq: 23 Sep 2021 20:52

Tgt Ion:244 Resp: 79610

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.5	8.3
122	11.1	9.0	13.4

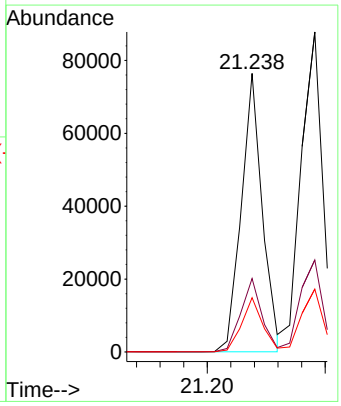




#32
Benzo(a)anthracene
Concen: 0.367 ng
RT: 21.238 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BN016430.D
Acq: 23 Sep 2021 20:52

Tgt Ion:228 Resp: 94688

Ion	Ratio	Lower	Upper
228	100		
226	26.4	20.8	31.2
229	19.5	15.8	23.6



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BNA_N
ClientSampleId :
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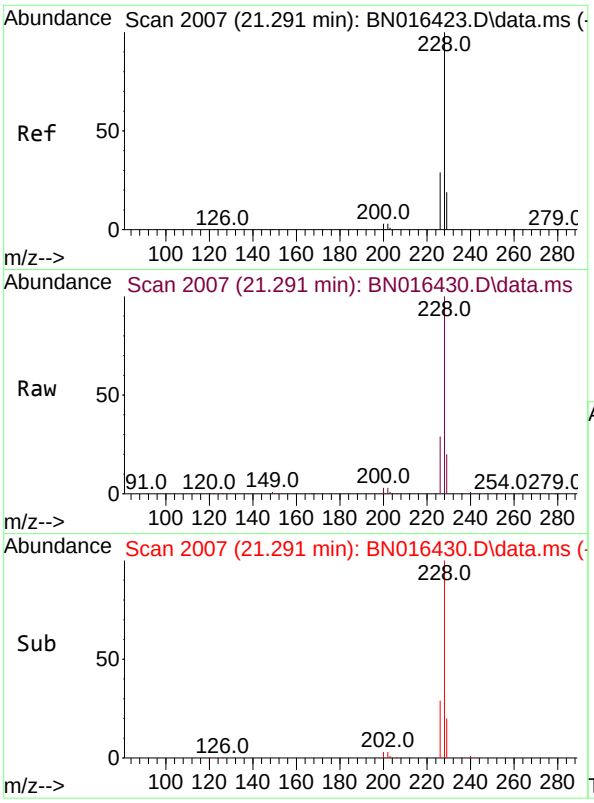
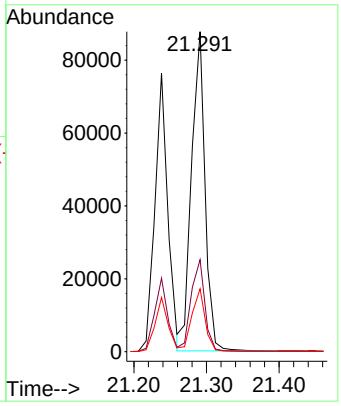
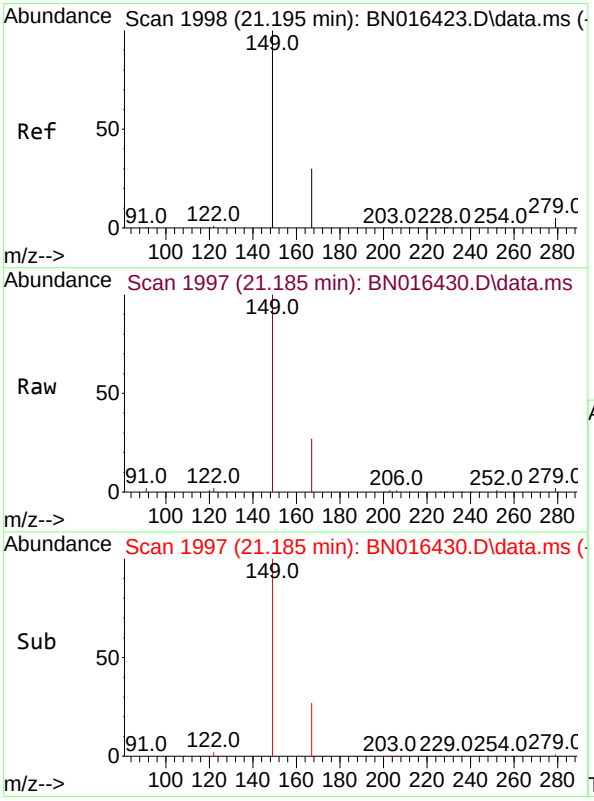


#33
Chrysene
Concen: 0.409 ng
RT: 21.291 min Scan# 2007
Delta R.T. 0.000 min
Lab File: BN016430.D
Acq: 23 Sep 2021 20:52

Tgt Ion:228 Resp: 113100

Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.0	34.4
229	19.7	15.6	23.4

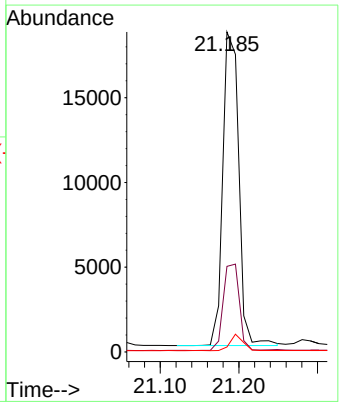


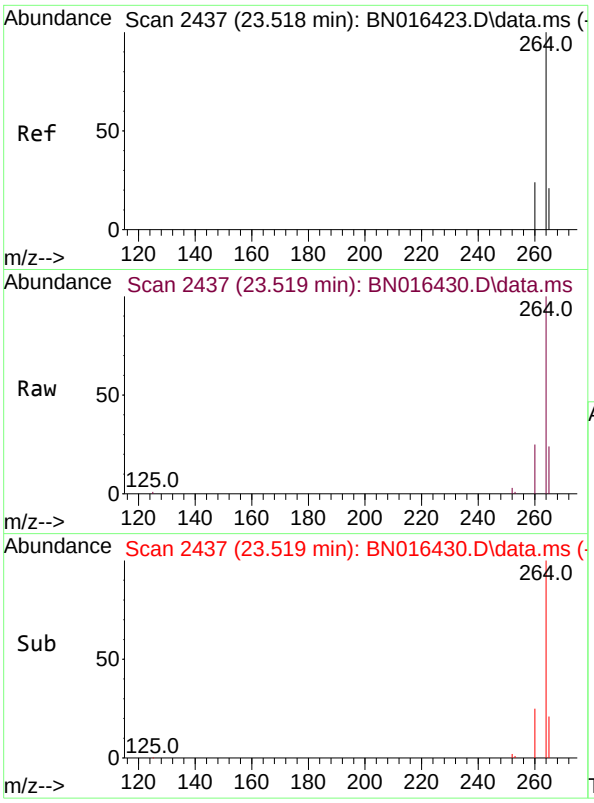


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.370 ng
RT: 21.185 min Scan# 1997
Delta R.T. -0.010 min
Lab File: BN016430.D
Acq: 23 Sep 2021 20:52

Tgt Ion:149 Resp: 25967

Ion	Ratio	Lower	Upper
149	100		
167	27.6	23.4	35.0
279	4.3	3.9	5.9

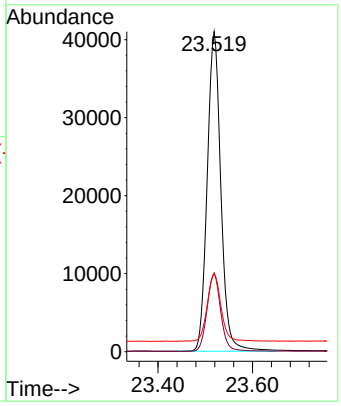




#35
Perylene-d12
Concen: 0.400 ng
RT: 23.519 min Scan# 2437
Delta R.T. 0.000 min
Lab File: BN016430.D
Acq: 23 Sep 2021 20:52

Tgt Ion:264 Resp: 82094

Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.9	28.3
265	24.4	23.7	35.5



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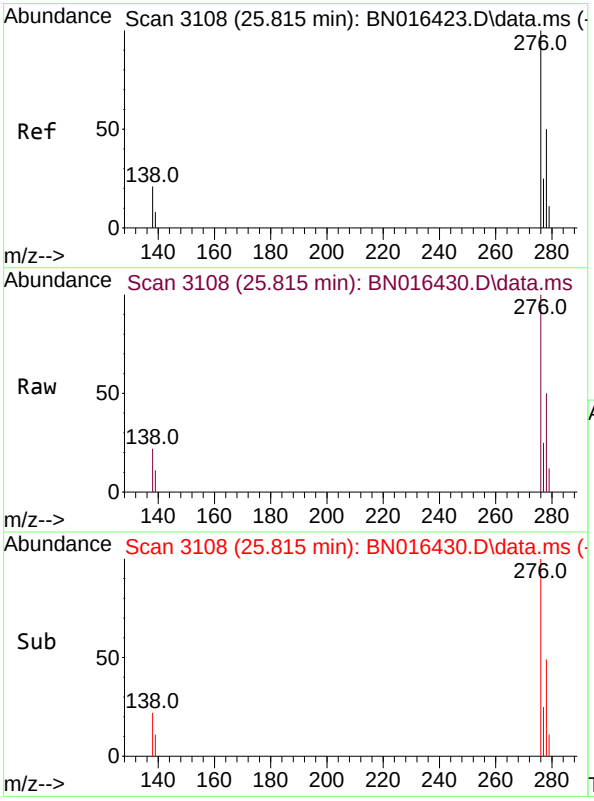
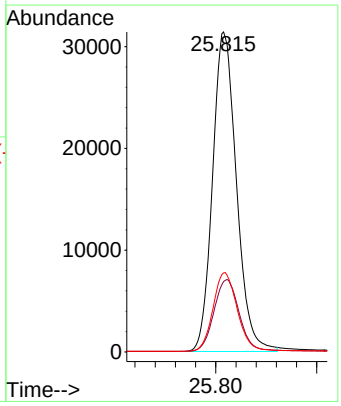


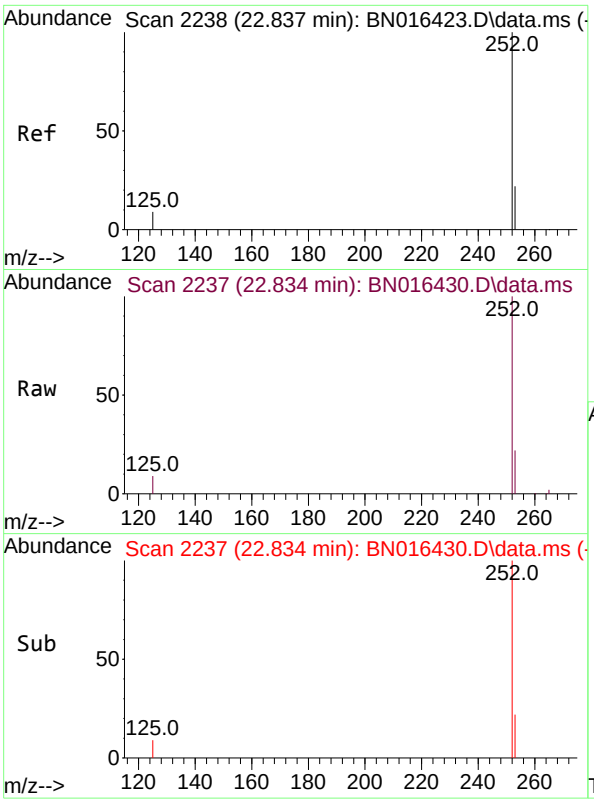
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.387 ng
RT: 25.815 min Scan# 3108
Delta R.T. 0.000 min
Lab File: BN016430.D
Acq: 23 Sep 2021 20:52

Tgt Ion:276 Resp: 103038

Ion	Ratio	Lower	Upper
276	100		
138	23.6	19.3	28.9
277	25.0	20.2	30.2



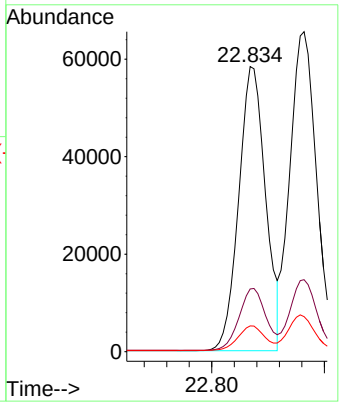
Instrument :
BNA_N
ClientSampleId :
PB139285BS

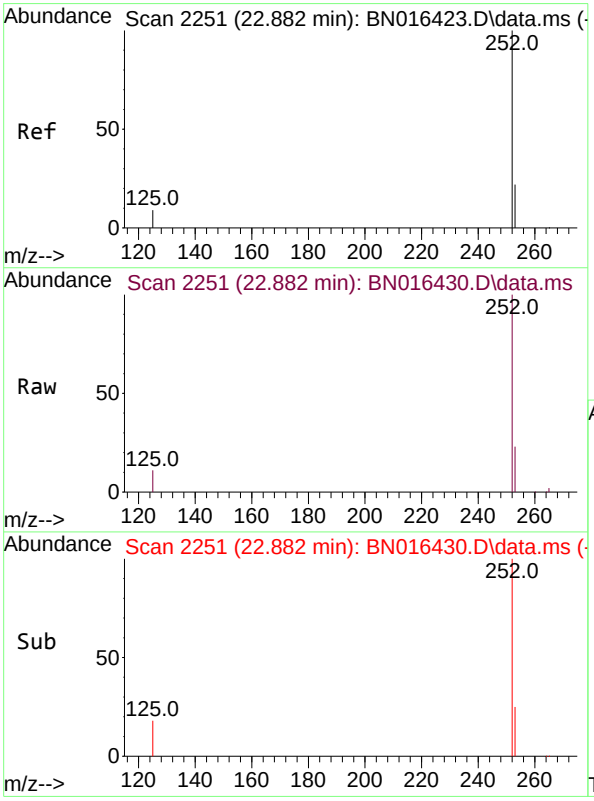


#37
Benzo(b)fluoranthene
Concen: 0.352 ng
RT: 22.834 min Scan# 2237
Delta R.T. -0.003 min
Lab File: BN016430.D
Acq: 23 Sep 2021 20:52

Tgt Ion:252 Resp: 96563

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.2
125	9.0	8.4	12.6

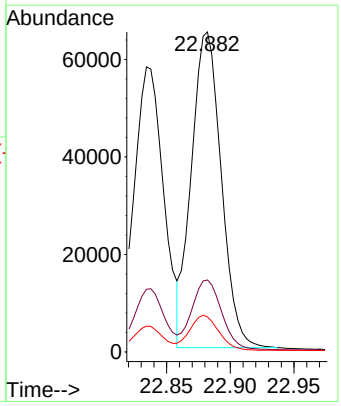




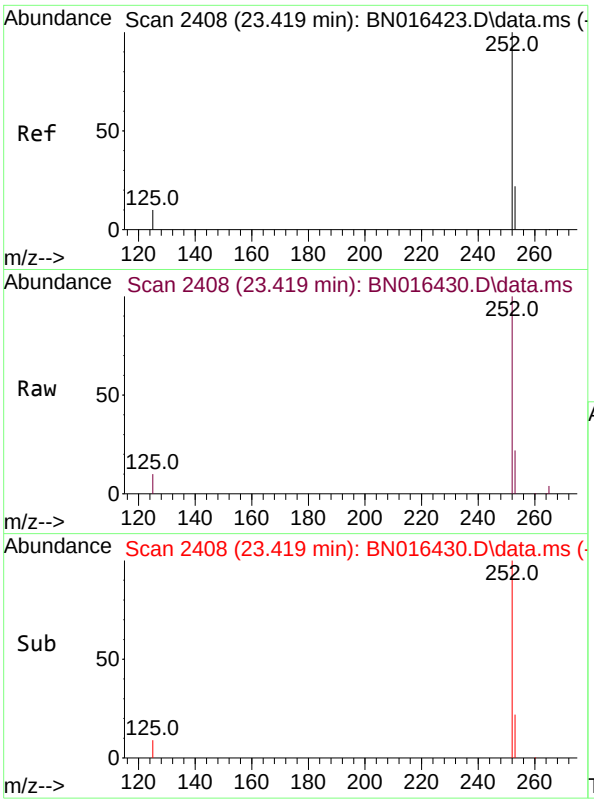
#38
Benzo(k)fluoranthene
Concen: 0.398 ng
RT: 22.882 min Scan# 2251
Delta R.T. 0.000 min
Lab File: BN016430.D
Acq: 23 Sep 2021 20:52

Tgt Ion:252 Resp: 105581

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.2
125	11.0	8.2	12.4



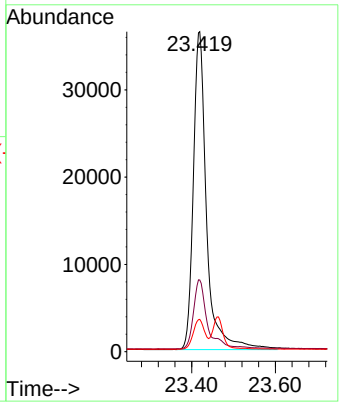
Instrument :
BNA_N
ClientSampleId :
PB139285BS

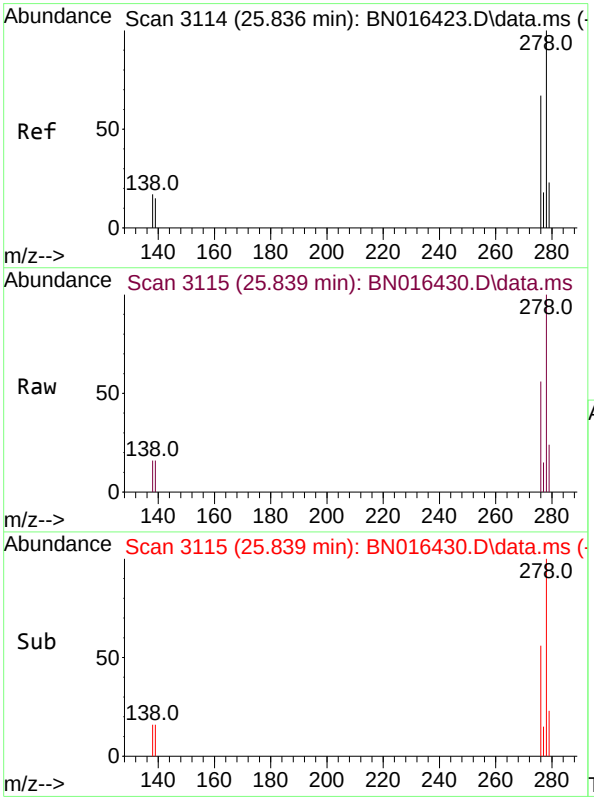


#39
Benzo(a)pyrene
Concen: 0.360 ng
RT: 23.419 min Scan# 2408
Delta R.T. 0.000 min
Lab File: BN016430.D
Acq: 23 Sep 2021 20:52

Tgt Ion:252 Resp: 80427

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.7	28.1
125	10.1	9.9	14.9

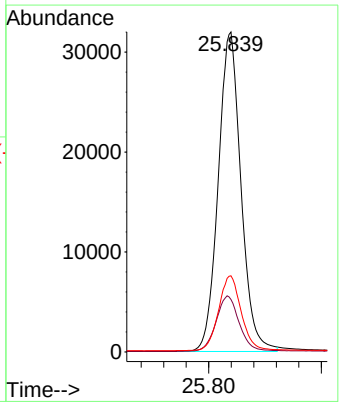


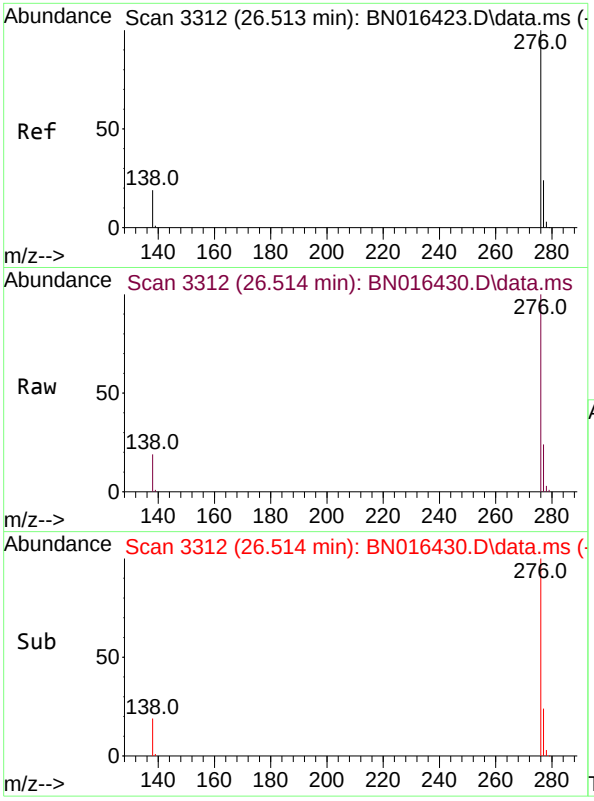


#40
Dibenzo(a,h)anthracene
Concen: 0.395 ng
RT: 25.839 min Scan# 3115
Delta R.T. 0.004 min
Lab File: BN016430.D
Acq: 23 Sep 2021 20:52

Tgt Ion:278 Resp: 89392

Ion	Ratio	Lower	Upper
278	100		
139	16.4	14.2	21.2
279	23.8	21.3	31.9

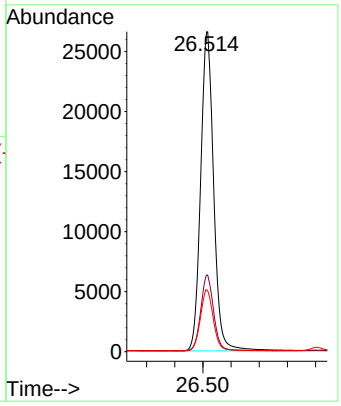




#41
Benzo(g,h,i)perylene
Concen: 0.367 ng
RT: 26.514 min Scan# 3312
Delta R.T. 0.000 min
Lab File: BN016430.D
Acq: 23 Sep 2021 20:52

Tgt Ion:276 Resp: 85403

Ion	Ratio	Lower	Upper
276	100		
277	24.0	20.5	30.7
138	19.3	18.2	27.4



Instrument :
BNA_N
ClientSampleId :
PB139285BS