Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092421\
Data File : BN016452.D
Acq On : 25 Sep 2021 01:14
Operator : CG/JU
Sample : PB139197BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB139197BS

Quant Time: Sep 25 05:06:41 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	24265	0.400	ng	0.00
7) Naphthalene-d8	10.432	136	102826	0.400	ng	#-0.01
13) Acenaphthene-d10	14.294	164	53284	0.400	ng	0.00
19) Phenanthrene-d10	17.042	188	101881	0.400	ng	0.00
29) Chrysene-d12	21.249	240	101097	0.400	ng	# 0.00
35) Perylene-d12	23.512	264	92067	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.291	112	19337	0.355	ng	0.00
5) Phenol-d6	6.850	99	22692	0.353	ng	0.00
8) Nitrobenzene-d5	8.810	82	27935	0.384	ng	0.00
11) 2-Methylnaphthalene-d10	12.030	152	57133	0.375	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	4860	0.370	ng	0.00
15) 2-Fluorobiphenyl	12.911	172	81726	0.365	ng	-0.01
27) Fluoranthene-d10	19.088	212	102076	0.365	ng	0.00
31) Terphenyl-d14	19.698	244	89292	0.380	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.281	88	3994	0.384	ng	# 82
3) n-Nitrosodimethylamine	3.632	42	10358	0.415	ng	# 68
6) bis(2-Chloroethyl)ether	7.108	93	25876	0.398	ng	93
9) Naphthalene	10.483	128	102710	0.375	ng	99
10) Hexachlorobutadiene	10.774	225	21201	0.389	ng	# 99
12) 2-Methylnaphthalene	12.105	142	66460	0.382	ng	99
16) Acenaphthylene	14.015	152	79697	0.368	ng	100
17) Acenaphthene	14.358	154	56243	0.365	ng	98
18) Fluorene	15.347	166	67937	0.368	ng	99
20) 4,6-Dinitro-2-methylph...	15.436	198	1501	0.274	ng	# 71
21) 4-Bromophenyl-phenylether	16.251	248	21609	0.363	ng	# 93
22) Hexachlorobenzene	16.348	284	22446	0.381	ng	# 89
23) Atrazine	16.519	200	13266	0.370	ng	# 93
24) Pentachlorophenol	16.701	266	5454	0.424	ng	99
25) Phenanthrene	17.091	178	111935	0.369	ng	99
26) Anthracene	17.176	178	89749	0.355	ng	99
28) Fluoranthene	19.118	202	126115	0.380	ng	99
30) Pyrene	19.480	202	123408	0.390	ng	99
32) Benzo(a)anthracene	21.238	228	110872	0.378	ng	100
33) Chrysene	21.281	228	126531	0.402	ng	97
34) Bis(2-ethylhexyl)phtha...	21.185	149	34058	0.426	ng	97
36) Indeno(1,2,3-cd)pyrene	25.809	276	108013	0.362	ng	100
37) Benzo(b)fluoranthene	22.831	252	108048	0.351	ng	98
38) Benzo(k)fluoranthene	22.875	252	120000	0.404	ng	98
39) Benzo(a)pyrene	23.413	252	90938	0.363	ng	# 96
40) Dibenzo(a,h)anthracene	25.826	278	91143	0.359	ng	96
41) Benzo(g,h,i)perylene	26.507	276	89075	0.341	ng	95

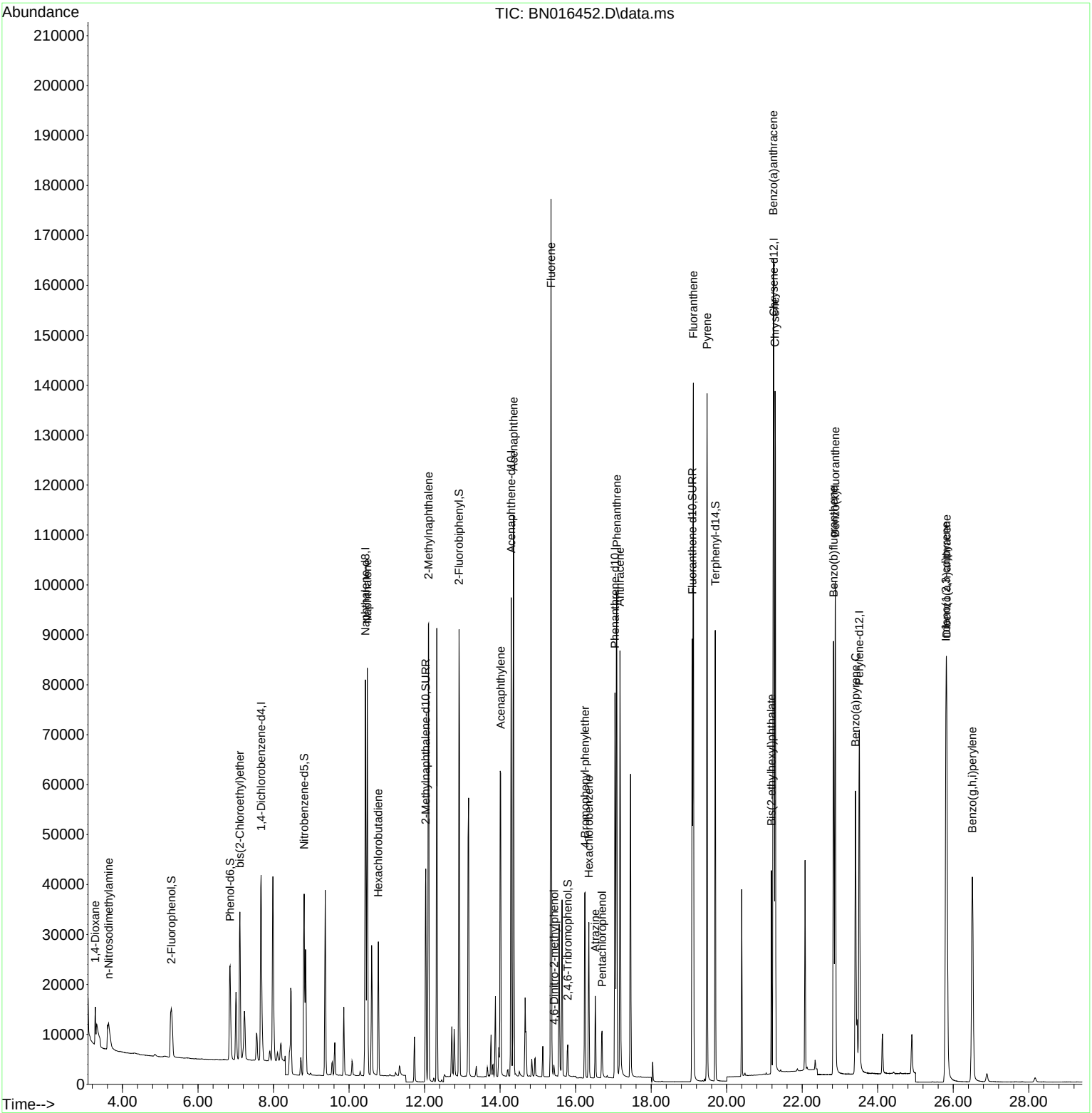
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

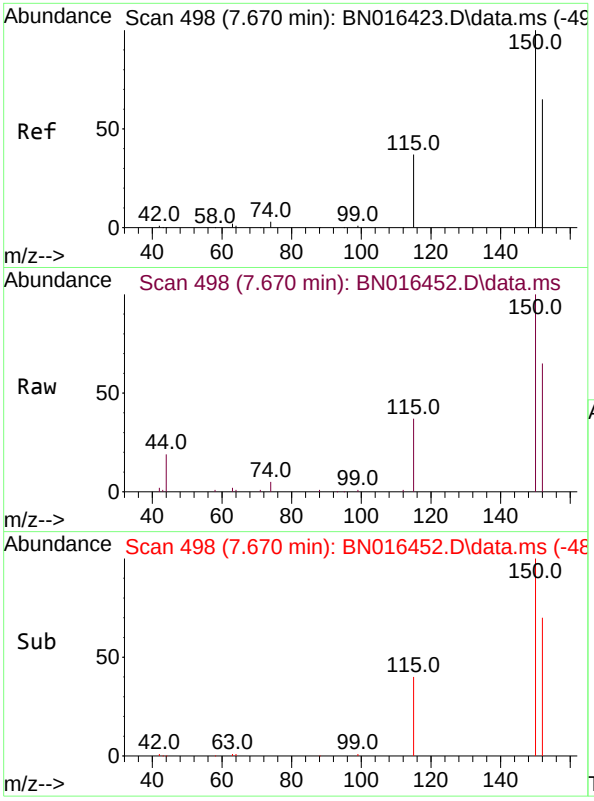
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092421\
Data File : BN016452.D
Acq On : 25 Sep 2021 01:14
Operator : CG/JU
Sample : PB139197BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB139197BS

Quant Time: Sep 25 05:06:41 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



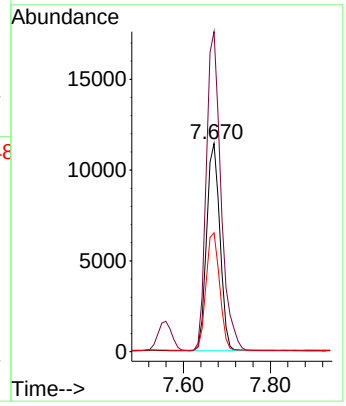
Instrument :
BNA_N
ClientSampleId :
PB139197BS

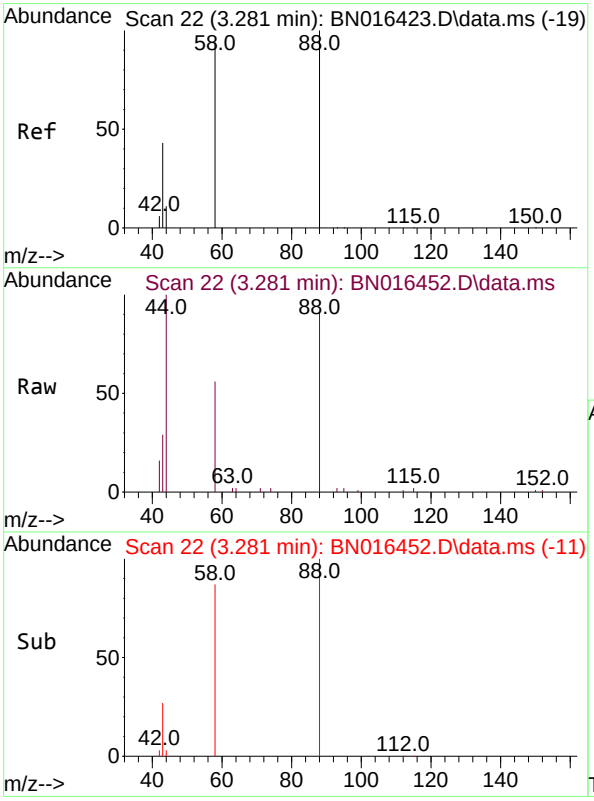


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.670 min Scan# 498
Delta R.T. 0.000 min
Lab File: BN016452.D
Acq: 25 Sep 2021 01:14

Tgt Ion:152 Resp: 24265

Ion	Ratio	Lower	Upper
152	100		
150	153.8	125.6	188.4
115	57.1	50.2	75.2

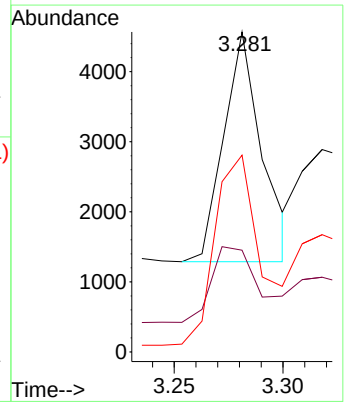




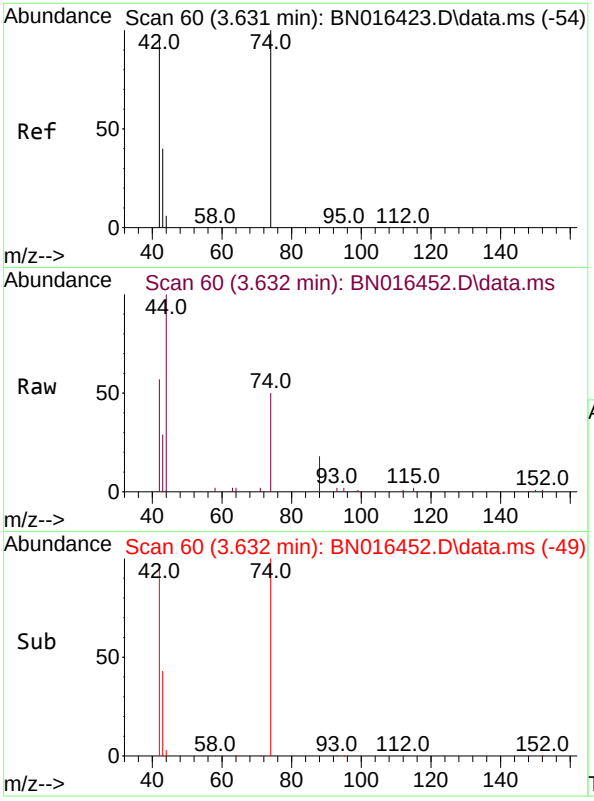
#2
1,4-Dioxane
Concen: 0.384 ng
RT: 3.281 min Scan# 22
Delta R.T. 0.000 min
Lab File: BN016452.D
Acq: 25 Sep 2021 01:14

Tgt Ion: 88 Resp: 3994

Ion	Ratio	Lower	Upper
88	100		
43	42.3	20.3	30.5#
58	100.2	69.9	104.9



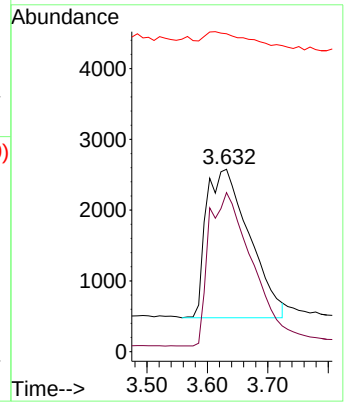
Instrument :
BNA_N
ClientSampleId :
PB139197BS

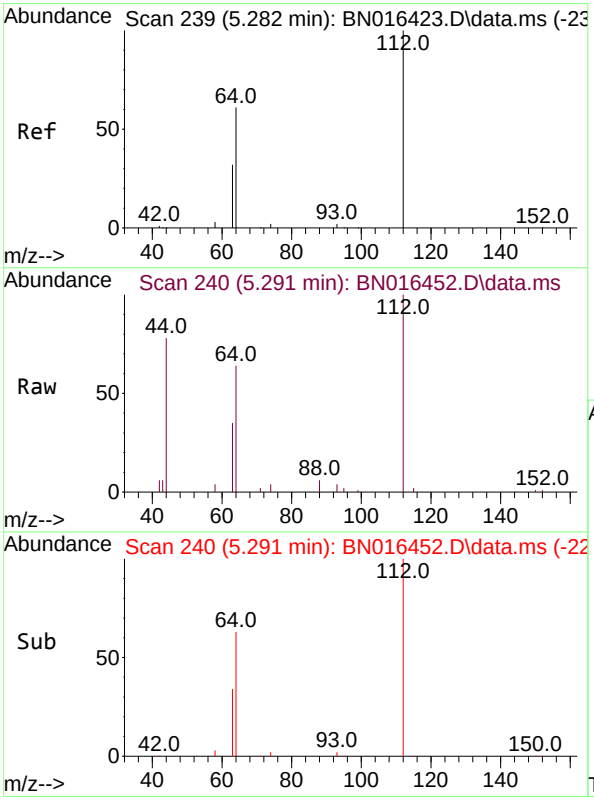


#3
n-Nitrosodimethylamine
Concen: 0.415 ng
RT: 3.632 min Scan# 60
Delta R.T. 0.000 min
Lab File: BN016452.D
Acq: 25 Sep 2021 01:14

Tgt Ion: 42 Resp: 10358

Ion	Ratio	Lower	Upper
42	100		
74	102.5	113.6	170.4#
44	7.9	0.0	0.0#

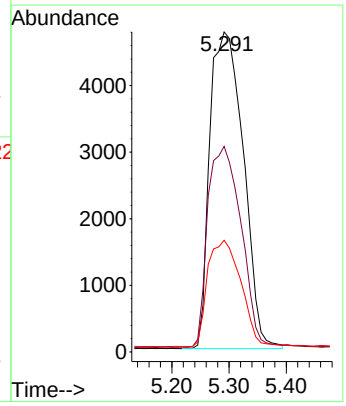




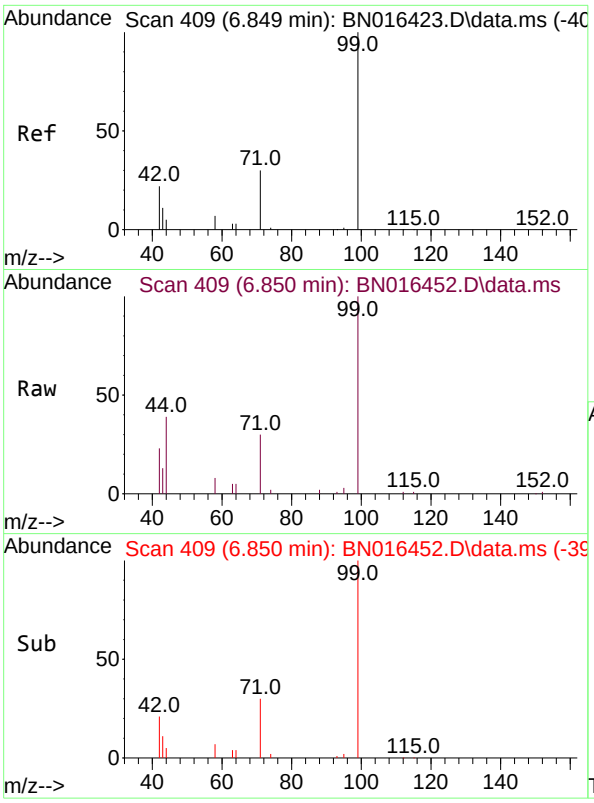
#4
2-Fluorophenol
Concen: 0.355 ng
RT: 5.291 min Scan# 240
Delta R.T. 0.010 min
Lab File: BN016452.D
Acq: 25 Sep 2021 01:14

Tgt Ion:112 Resp: 19337

Ion	Ratio	Lower	Upper
112	100		
64	63.0	47.3	70.9
63	33.3	23.4	35.0



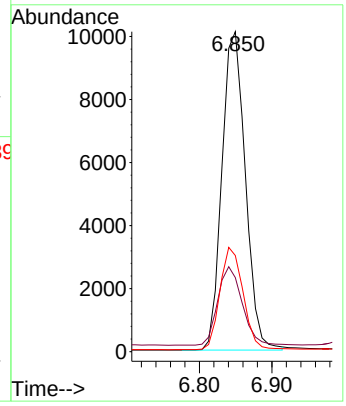
Instrument :
BNA_N
ClientSampleId :
PB139197BS

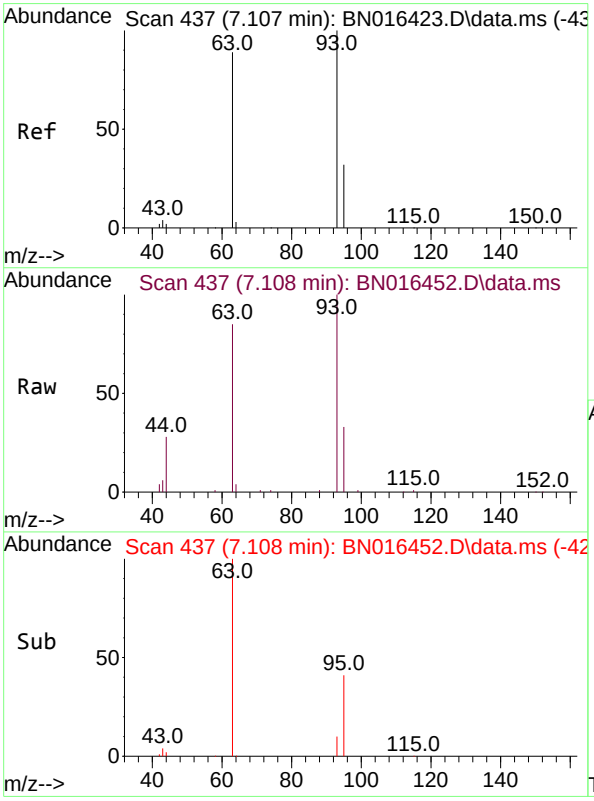


#5
Phenol-d6
Concen: 0.353 ng
RT: 6.850 min Scan# 409
Delta R.T. 0.000 min
Lab File: BN016452.D
Acq: 25 Sep 2021 01:14

Tgt Ion: 99 Resp: 22692

Ion	Ratio	Lower	Upper
99	100		
42	25.6	14.0	21.0#
71	31.7	23.8	35.6

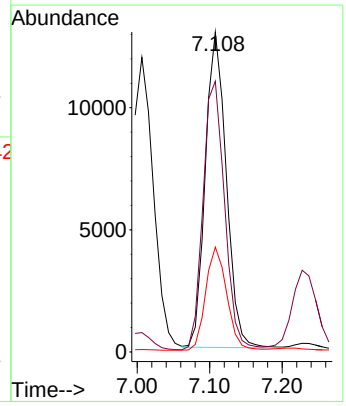




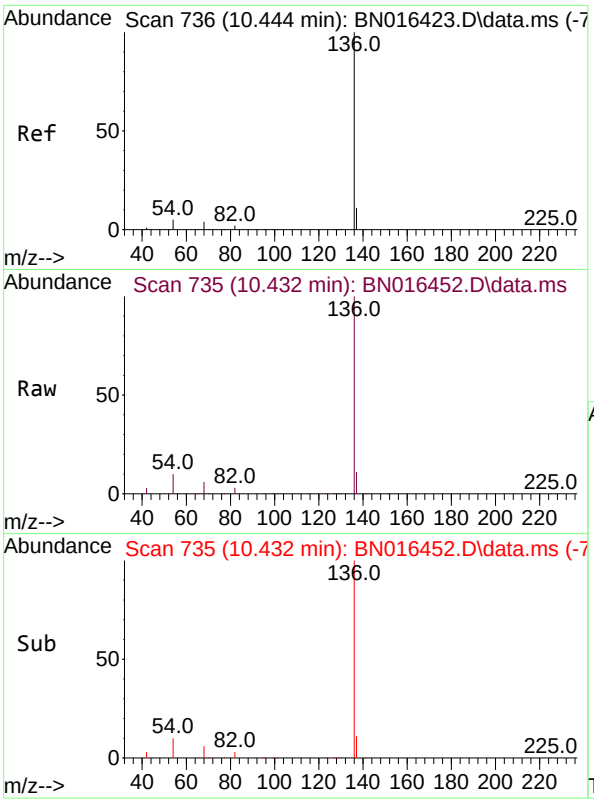
#6
bis(2-Chloroethyl)ether
Concen: 0.398 ng
RT: 7.108 min Scan# 437
Delta R.T. 0.000 min
Lab File: BN016452.D
Acq: 25 Sep 2021 01:14

Tgt Ion: 93 Resp: 25876

Ion	Ratio	Lower	Upper
93	100		
63	88.0	63.4	95.0
95	32.9	26.8	40.2



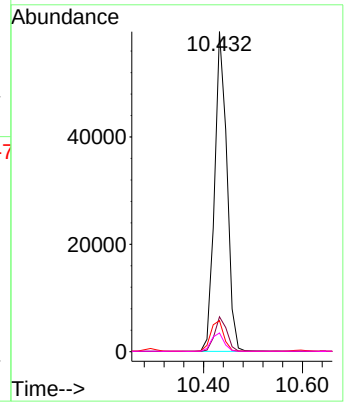
Instrument :
BNA_N
ClientSampleId :
PB139197BS

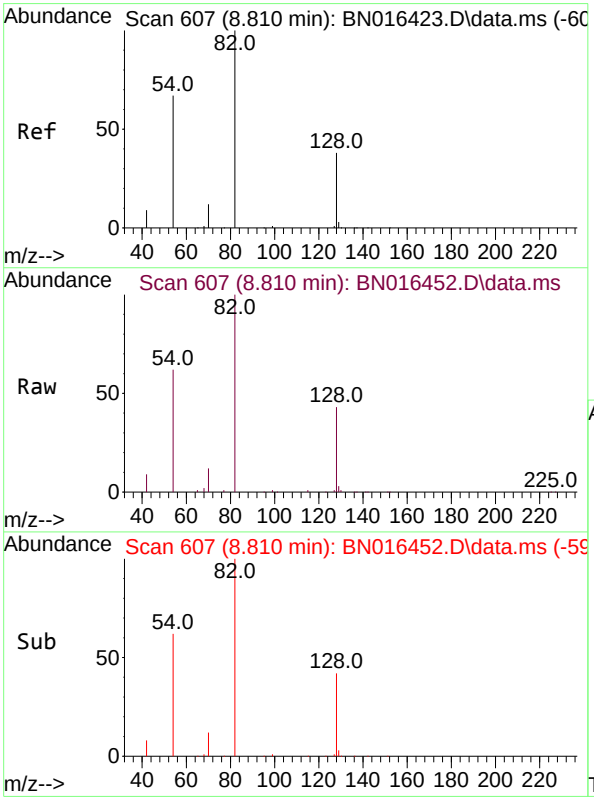


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.432 min Scan# 735
Delta R.T. -0.012 min
Lab File: BN016452.D
Acq: 25 Sep 2021 01:14

Tgt Ion:136 Resp: 102826

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	9.7	5.3	7.9#
68	5.8	3.9	5.9

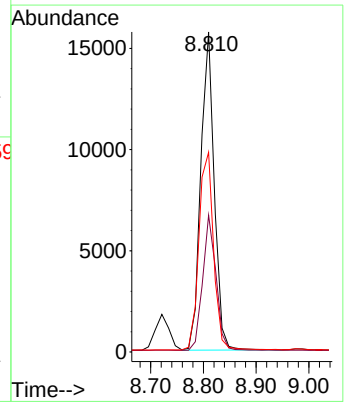


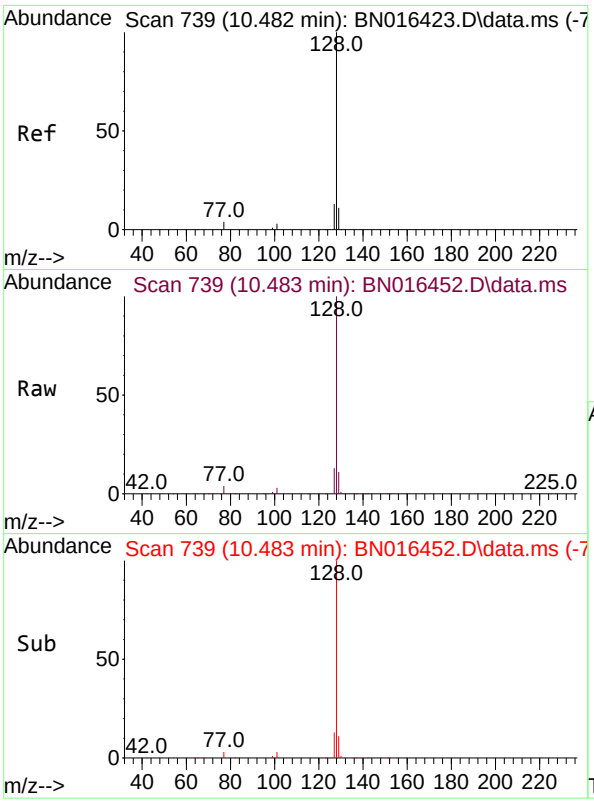


#8
Nitrobenzene-d5
Concen: 0.384 ng
RT: 8.810 min Scan# 607
Delta R.T. 0.000 min
Lab File: BN016452.D
Acq: 25 Sep 2021 01:14

Tgt Ion: 82 Resp: 27935

Ion	Ratio	Lower	Upper
82	100		
128	42.8	31.7	47.5
54	62.4	46.4	69.6

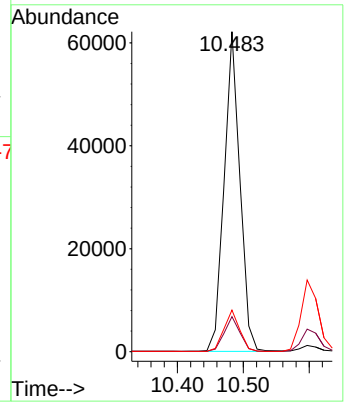




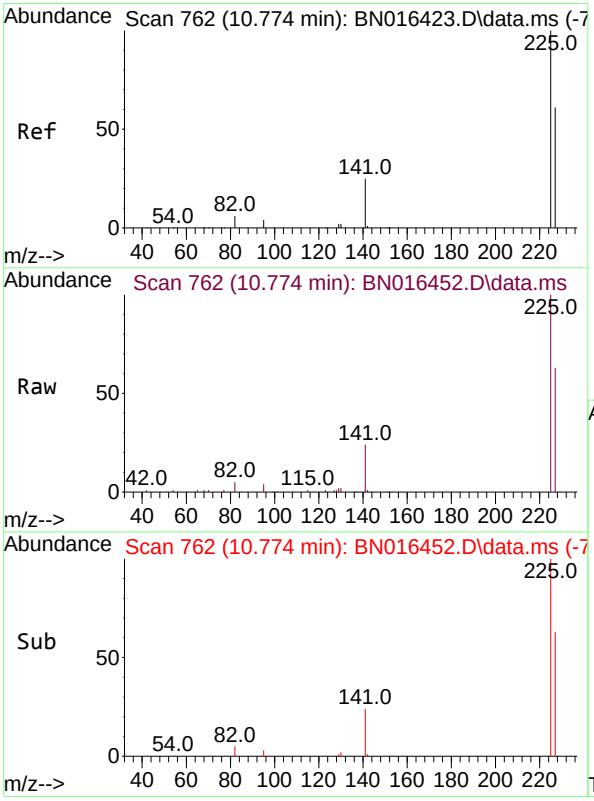
#9
Naphthalene
Concen: 0.375 ng
RT: 10.483 min Scan# 739
Delta R.T. 0.000 min
Lab File: BN016452.D
Acq: 25 Sep 2021 01:14

Tgt Ion:128 Resp: 102710

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



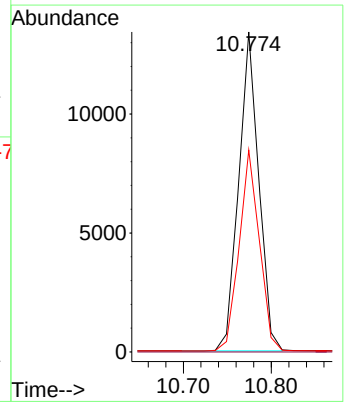
Instrument :
BNA_N
ClientSampleId :
PB139197BS



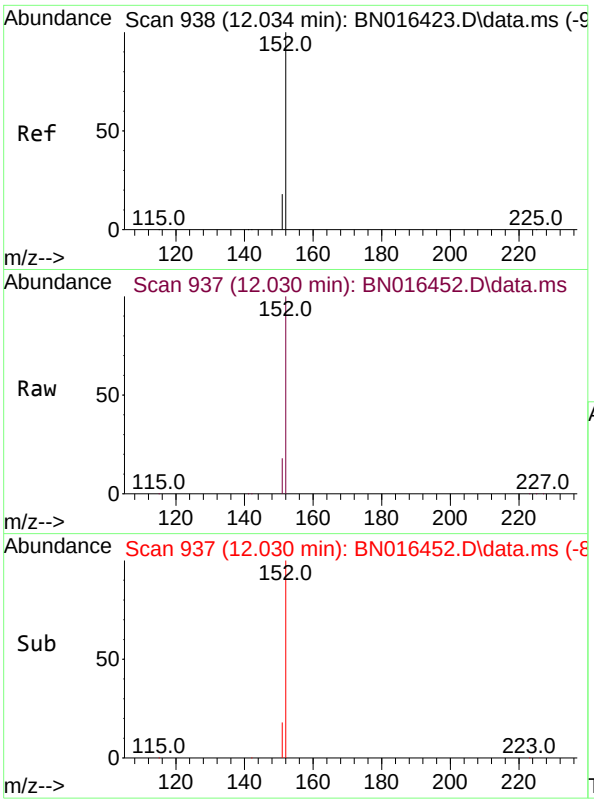
#10
Hexachlorobutadiene
Concen: 0.389 ng
RT: 10.774 min Scan# 762
Delta R.T. 0.000 min
Lab File: BN016452.D
Acq: 25 Sep 2021 01:14

Tgt Ion:225 Resp: 21201

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.2	51.5	77.3



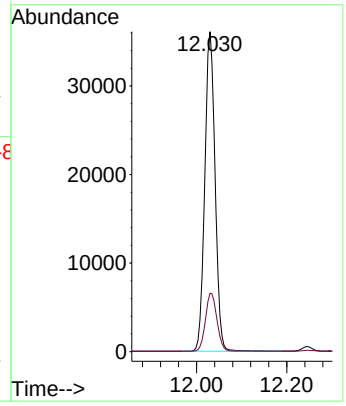
Instrument :
BNA_N
ClientSampleId :
PB139197BS

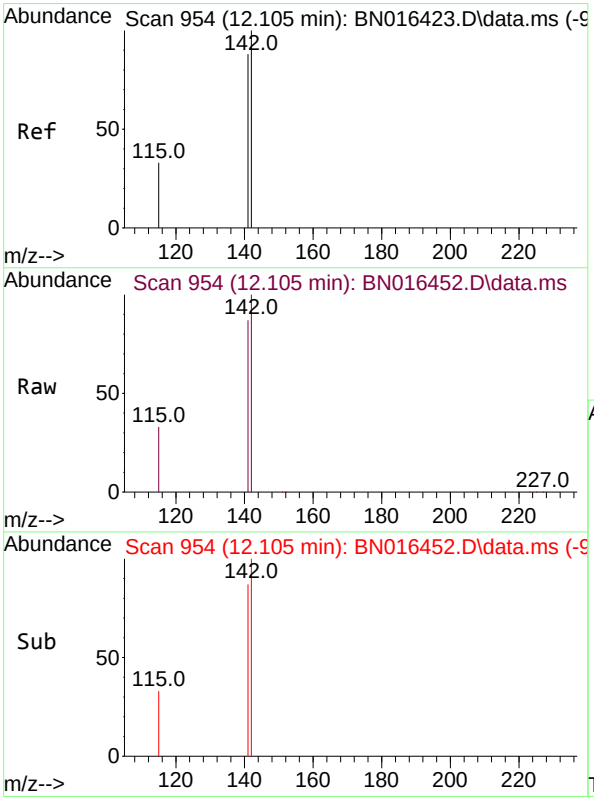


#11
2-Methylnaphthalene-d10
Concen: 0.375 ng
RT: 12.030 min Scan# 937
Delta R.T. -0.004 min
Lab File: BN016452.D
Acq: 25 Sep 2021 01:14

Tgt Ion:152 Resp: 57133

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.1	24.1

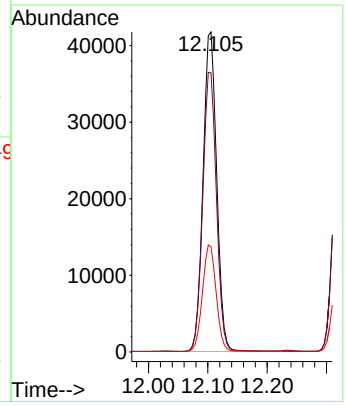




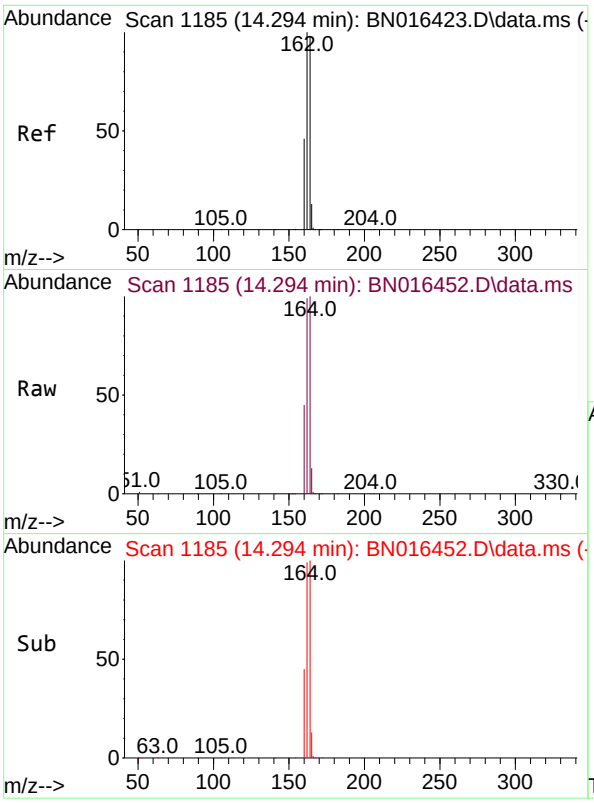
#12
2-Methylnaphthalene
Concen: 0.382 ng
RT: 12.105 min Scan# 954
Delta R.T. 0.000 min
Lab File: BN016452.D
Acq: 25 Sep 2021 01:14

Tgt Ion:142 Resp: 66460

Ion	Ratio	Lower	Upper
142	100		
141	87.2	69.8	104.8
115	32.9	24.4	36.6



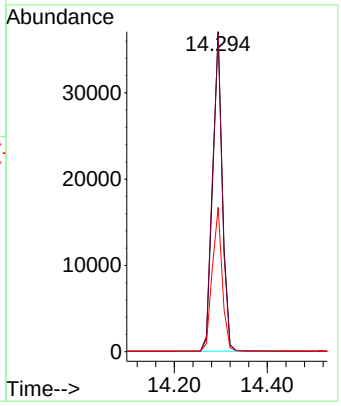
Instrument :
BNA_N
ClientSampleId :
PB139197BS

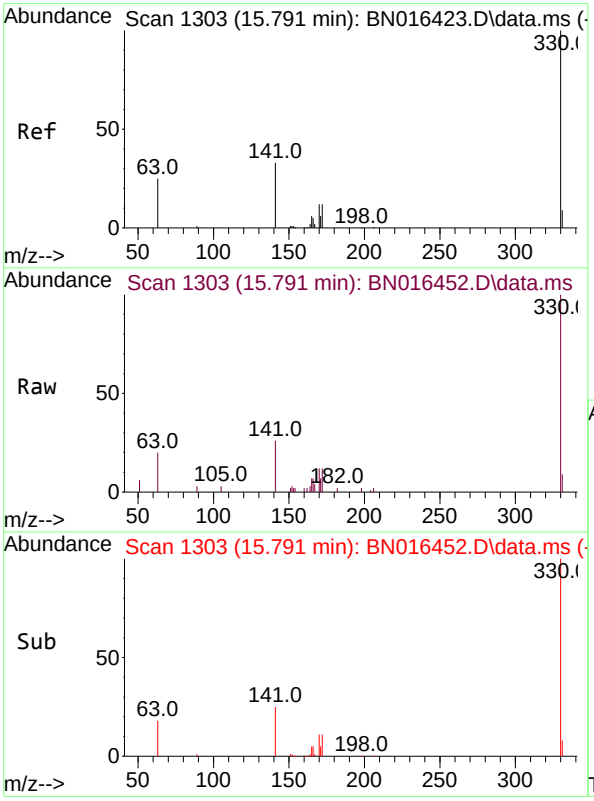


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.294 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BN016452.D
Acq: 25 Sep 2021 01:14

Tgt Ion:164 Resp: 53284

Ion	Ratio	Lower	Upper
164	100		
162	99.3	79.0	118.4
160	45.1	34.1	51.1

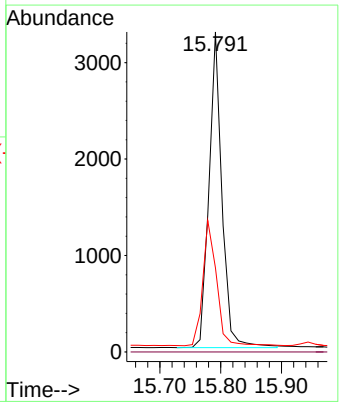




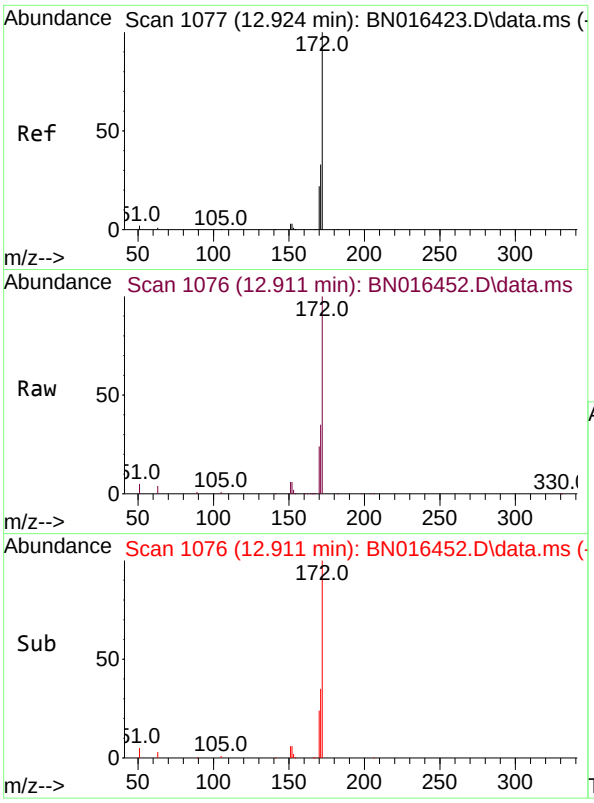
#14
2,4,6-Tribromophenol
Concen: 0.370 ng
RT: 15.791 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BN016452.D
Acq: 25 Sep 2021 01:14

Tgt Ion:330 Resp: 4860

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	41.8	25.0	37.4#



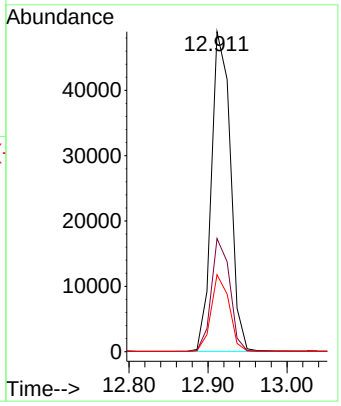
Instrument :
BNA_N
ClientSampleId :
PB139197BS

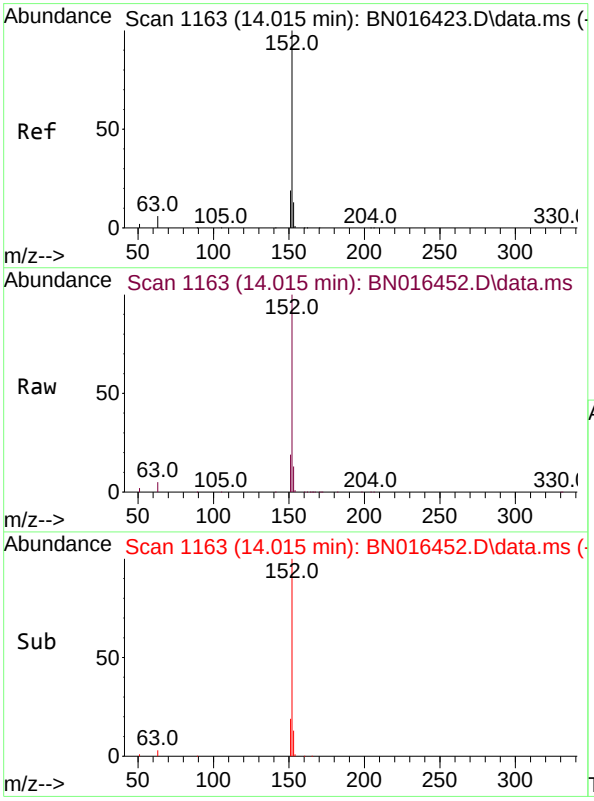


#15
2-Fluorobiphenyl
Concen: 0.365 ng
RT: 12.911 min Scan# 1076
Delta R.T. -0.012 min
Lab File: BN016452.D
Acq: 25 Sep 2021 01:14

Tgt Ion:172 Resp: 81726

Ion	Ratio	Lower	Upper
172	100		
171	35.4	27.8	41.6
170	24.0	18.2	27.2

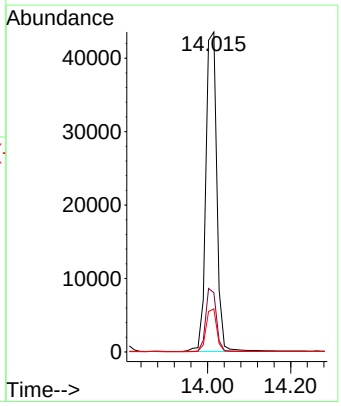




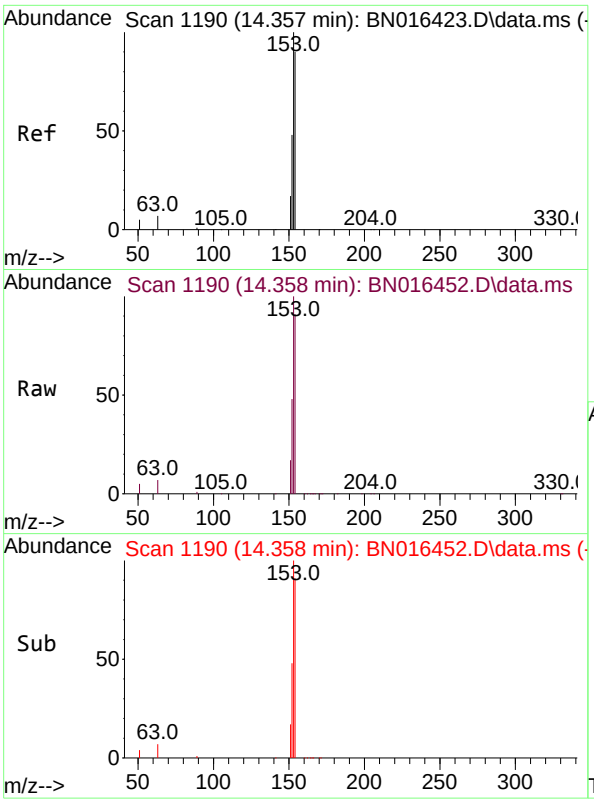
#16
Acenaphthylene
Concen: 0.368 ng
RT: 14.015 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BN016452.D
Acq: 25 Sep 2021 01:14

Tgt Ion:152 Resp: 79697

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.2	22.8
153	13.1	10.5	15.7



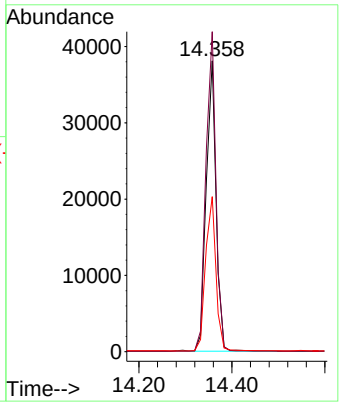
Instrument :
BNA_N
ClientSampleId :
PB139197BS

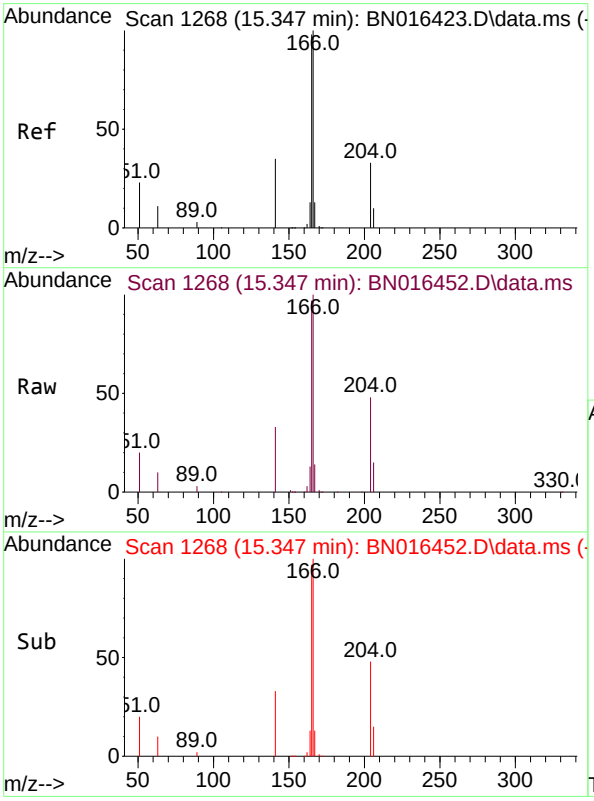


#17
Acenaphthene
Concen: 0.365 ng
RT: 14.358 min Scan# 1190
Delta R.T. 0.000 min
Lab File: BN016452.D
Acq: 25 Sep 2021 01:14

Tgt Ion:154 Resp: 56243

Ion	Ratio	Lower	Upper
154	100		
153	111.9	89.3	133.9
152	55.8	42.2	63.4

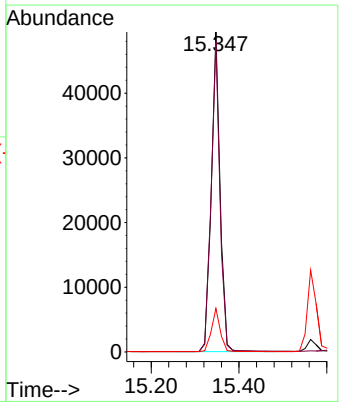




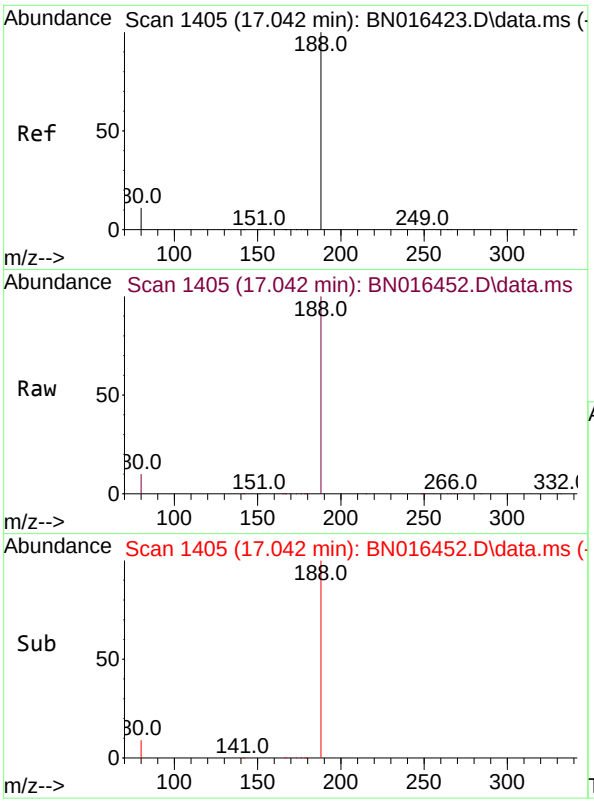
#18
Fluorene
Concen: 0.368 ng
RT: 15.347 min Scan# 1268
Delta R.T. 0.000 min
Lab File: BN016452.D
Acq: 25 Sep 2021 01:14

Tgt Ion:166 Resp: 67937

Ion	Ratio	Lower	Upper
166	100		
165	97.4	76.7	115.1
167	13.6	10.9	16.3



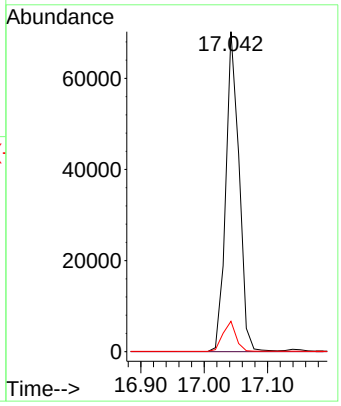
Instrument :
BNA_N
ClientSampleId :
PB139197BS

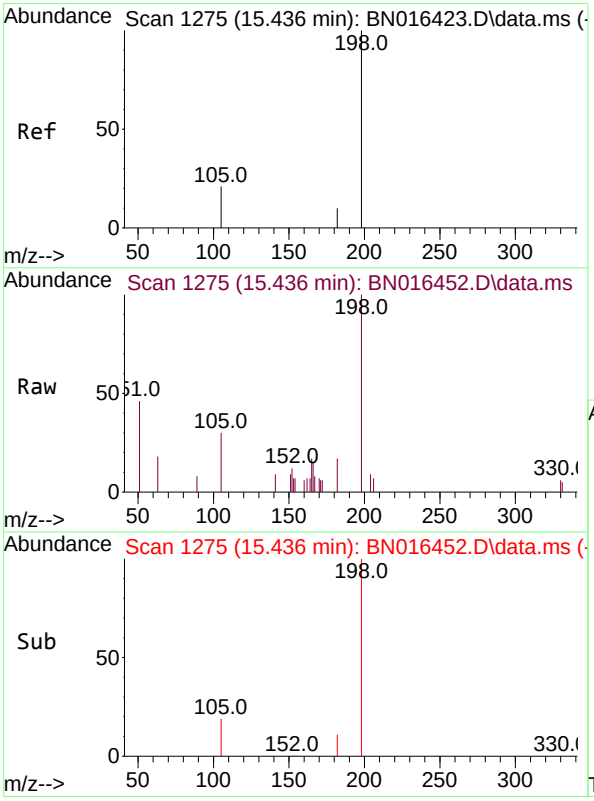


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.042 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BN016452.D
Acq: 25 Sep 2021 01:14

Tgt Ion:188 Resp: 101881

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.5	7.0	10.6

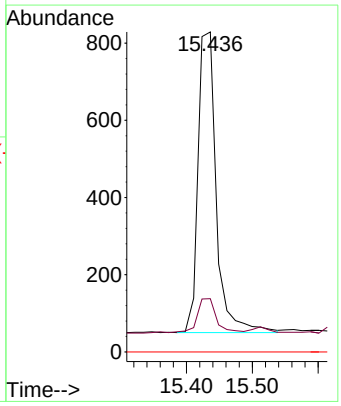




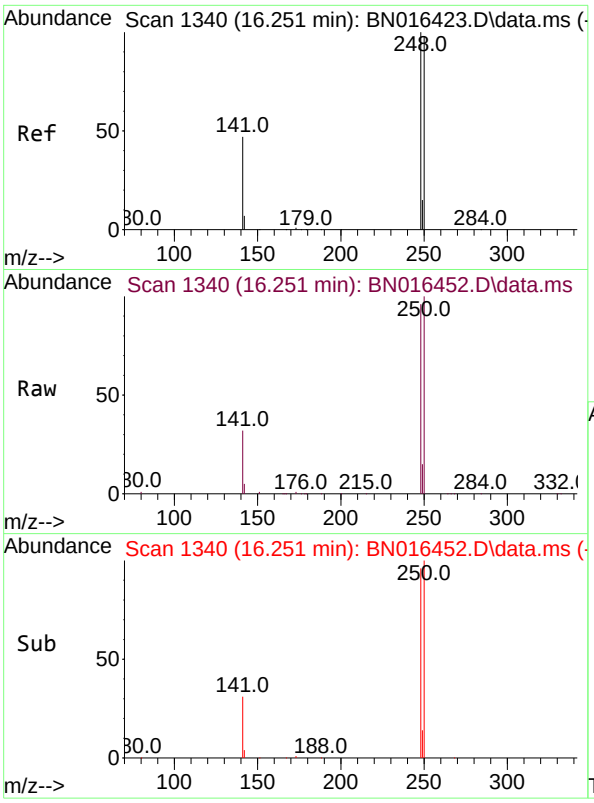
#20
4,6-Dinitro-2-methylphenol
Concen: 0.274 ng
RT: 15.436 min Scan# 1275
Delta R.T. 0.000 min
Lab File: BN016452.D
Acq: 25 Sep 2021 01:14

Tgt Ion:198 Resp: 1501

Ion	Ratio	Lower	Upper
198	100		
182	16.6	26.6	39.8#
77	0.0	0.0	0.0



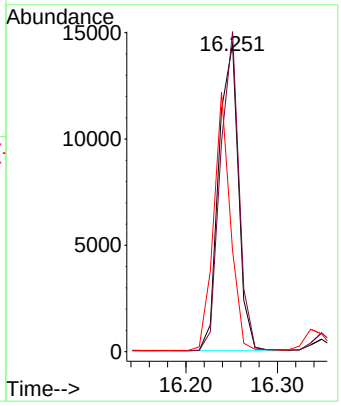
Instrument :
BNA_N
ClientSampleId :
PB139197BS

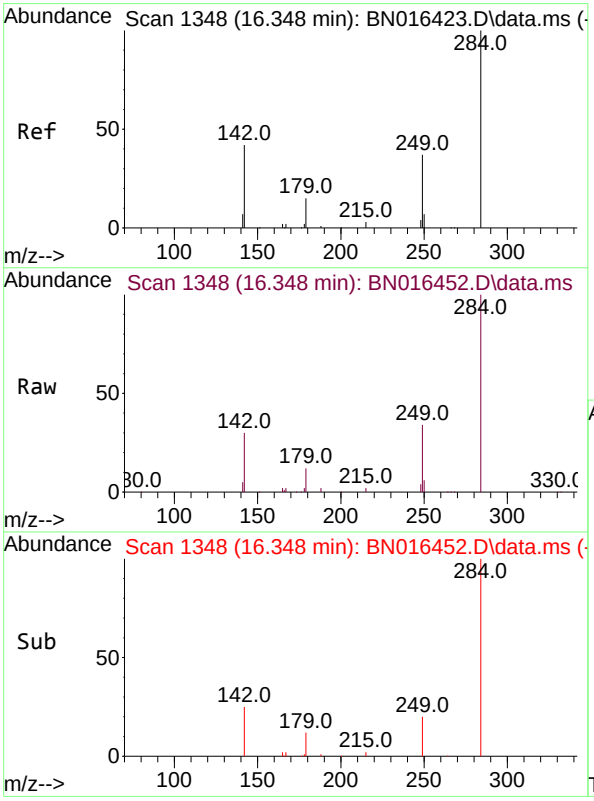


#21
4-Bromophenyl-phenylether
Concen: 0.363 ng
RT: 16.251 min Scan# 1340
Delta R.T. 0.000 min
Lab File: BN016452.D
Acq: 25 Sep 2021 01:14

Tgt Ion:248 Resp: 21609

Ion	Ratio	Lower	Upper
248	100		
250	104.0	80.5	120.7
141	32.9	34.8	52.2#

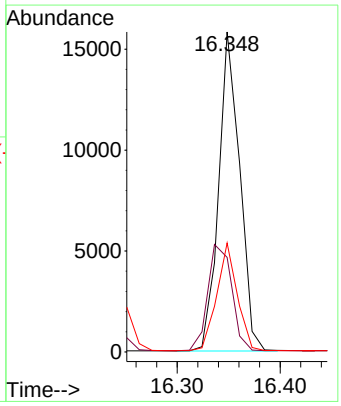




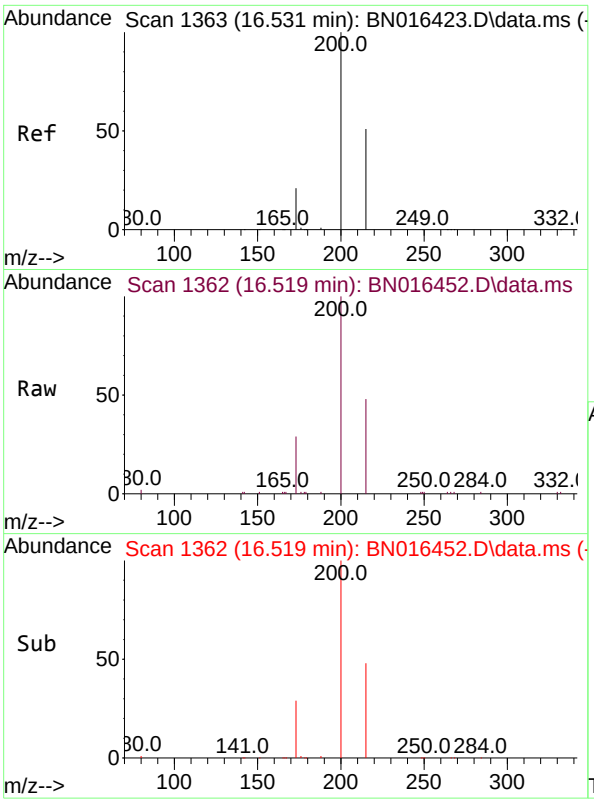
#22
Hexachlorobenzene
Concen: 0.381 ng
RT: 16.348 min Scan# 1348
Delta R.T. 0.000 min
Lab File: BN016452.D
Acq: 25 Sep 2021 01:14

Tgt Ion:284 Resp: 22446

Ion	Ratio	Lower	Upper
284	100		
142	37.8	22.6	34.0#
249	32.8	24.4	36.6



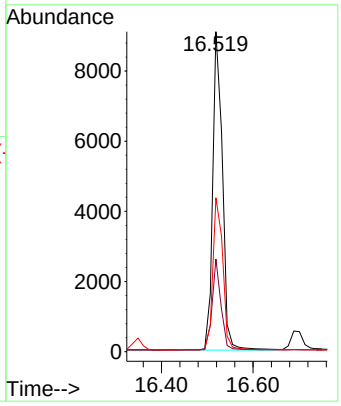
Instrument :
BNA_N
ClientSampleId :
PB139197BS

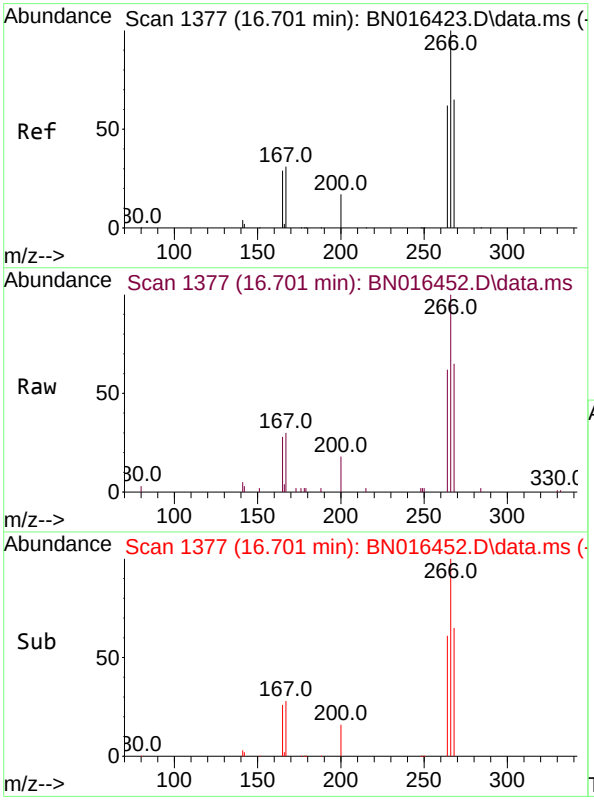


#23
Atrazine
Concen: 0.370 ng
RT: 16.519 min Scan# 1362
Delta R.T. -0.012 min
Lab File: BN016452.D
Acq: 25 Sep 2021 01:14

Tgt Ion:200 Resp: 13266

Ion	Ratio	Lower	Upper
200	100		
173	29.0	18.7	28.1#
215	48.1	41.6	62.4

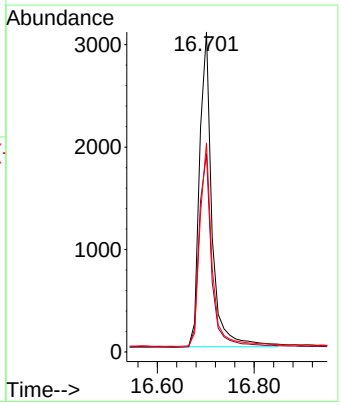


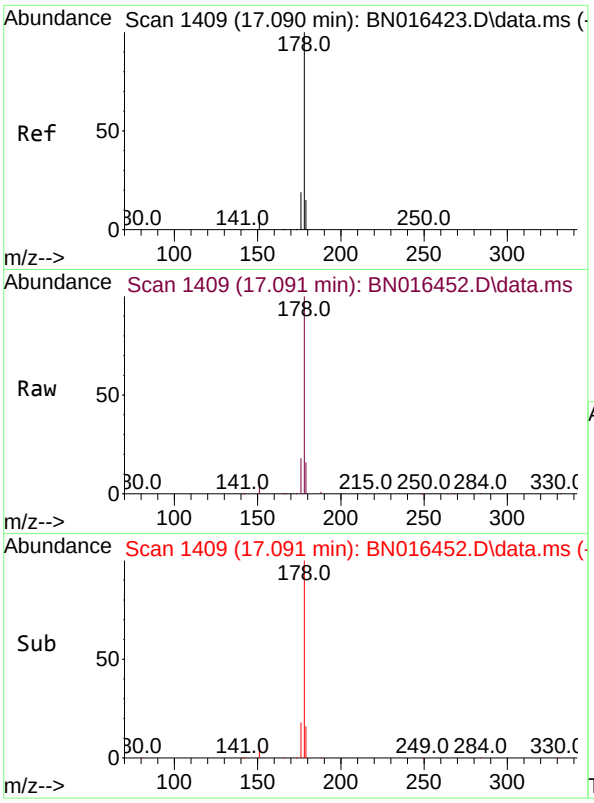


#24
Pentachlorophenol
Concen: 0.424 ng
RT: 16.701 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BN016452.D
Acq: 25 Sep 2021 01:14

Tgt Ion:266 Resp: 5454

Ion	Ratio	Lower	Upper
266	100		
264	63.2	50.6	75.8
268	64.6	52.6	79.0

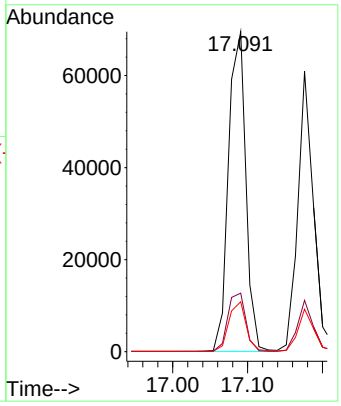


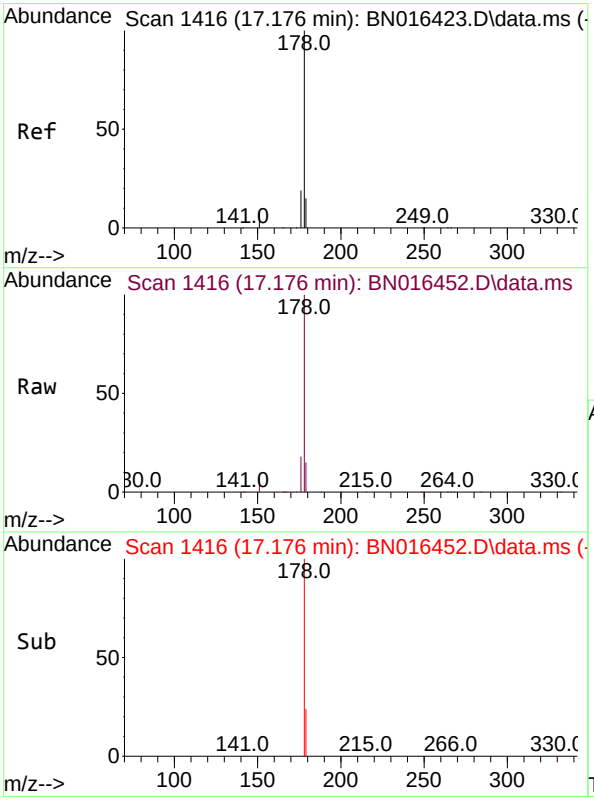


#25
Phenanthrene
Concen: 0.369 ng
RT: 17.091 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BN016452.D
Acq: 25 Sep 2021 01:14

Tgt Ion:178 Resp: 111935

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.4	21.6
179	15.6	12.2	18.4

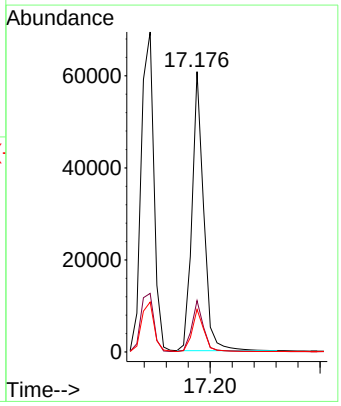




#26
Anthracene
Concen: 0.355 ng
RT: 17.176 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BN016452.D
Acq: 25 Sep 2021 01:14

Tgt Ion:178 Resp: 89749

Ion	Ratio	Lower	Upper
178	100		
176	18.2	13.9	20.9
179	15.3	12.2	18.4



Instrument :
BNA_N
ClientSampleId :
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Instrument :
BNA_N
ClientSampleId :
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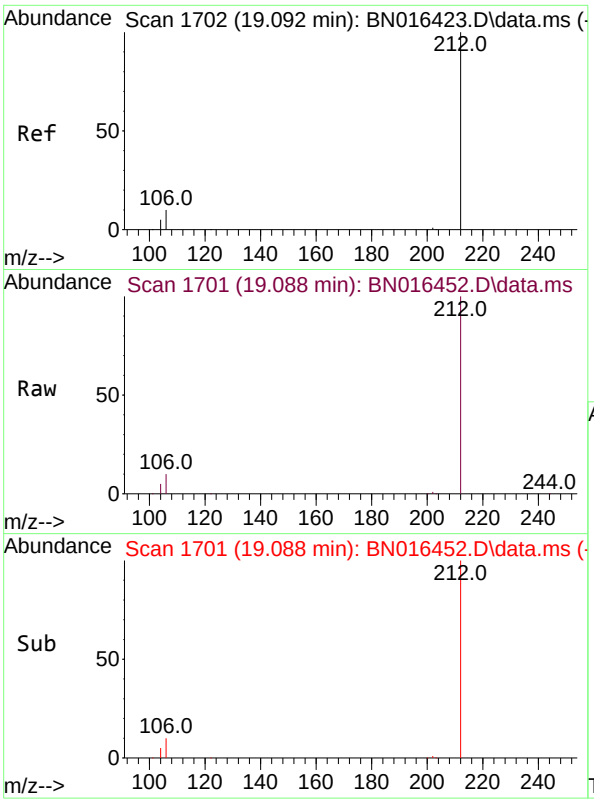
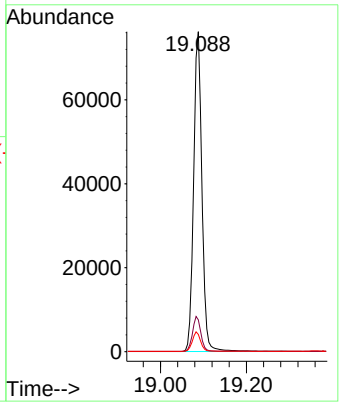
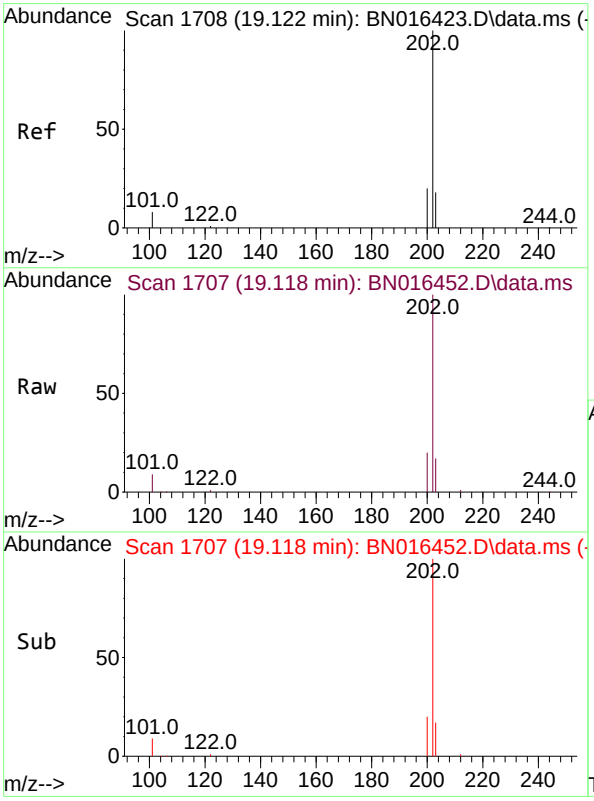


#27
Fluoranthene-d10
Concen: 0.365 ng
RT: 19.088 min Scan# 1701
Delta R.T. -0.005 min
Lab File: BN016452.D
Acq: 25 Sep 2021 01:14

Tgt Ion:212 Resp: 102076

Ion	Ratio	Lower	Upper
212	100		
106	11.0	9.8	14.6
104	6.0	5.4	8.2

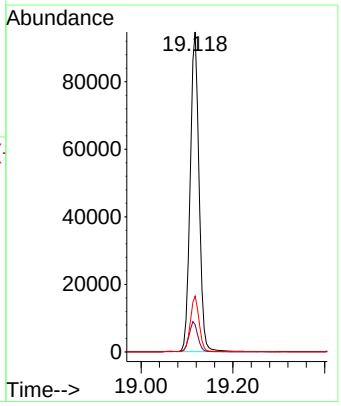




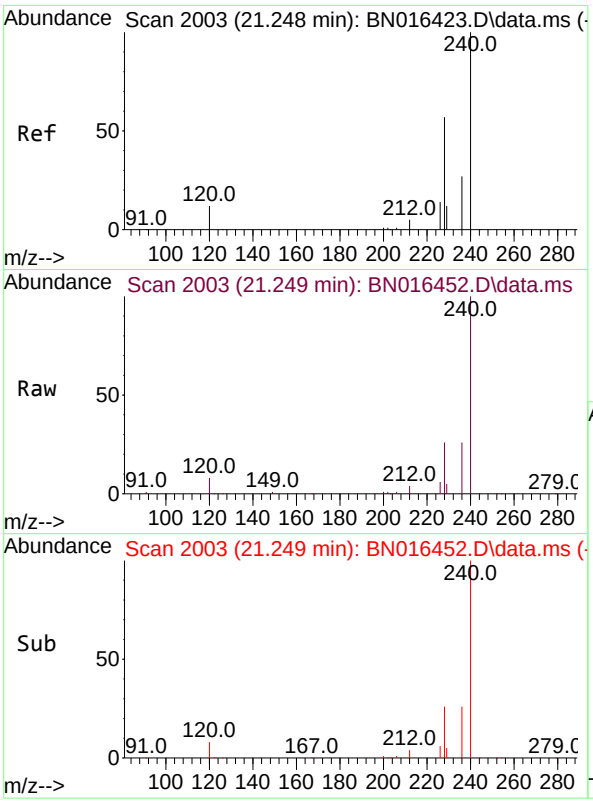
#28
Fluoranthene
Concen: 0.380 ng
RT: 19.118 min Scan# 1707
Delta R.T. -0.005 min
Lab File: BN016452.D
Acq: 25 Sep 2021 01:14

Tgt Ion:202 Resp: 126115

Ion	Ratio	Lower	Upper
202	100		
101	9.5	8.5	12.7
203	17.3	13.8	20.8



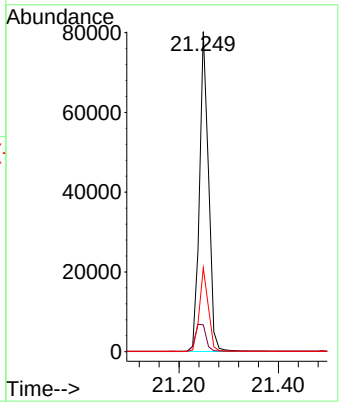
Instrument :
BNA_N
ClientSampleId :
PB139197BS

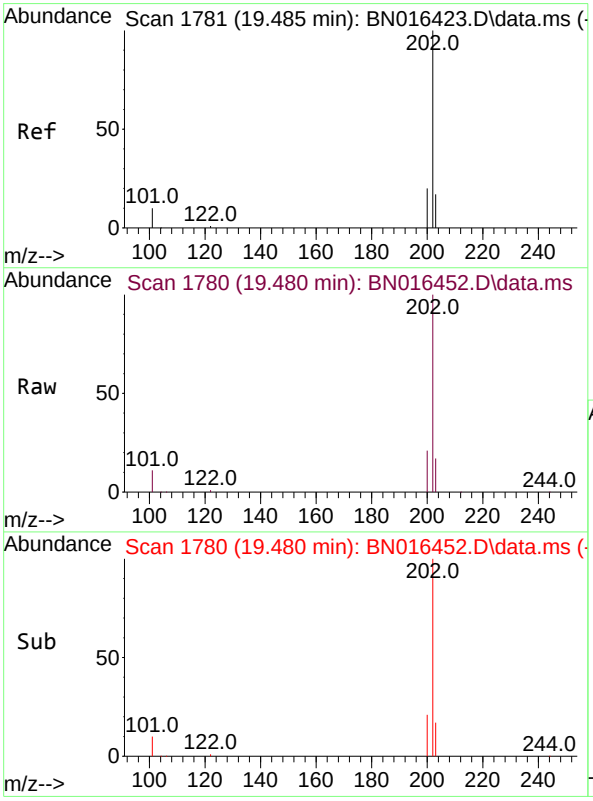


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.249 min Scan# 2003
Delta R.T. 0.000 min
Lab File: BN016452.D
Acq: 25 Sep 2021 01:14

Tgt Ion:240 Resp: 101097

Ion	Ratio	Lower	Upper
240	100		
120	8.4	5.3	7.9#
236	26.2	19.8	29.8

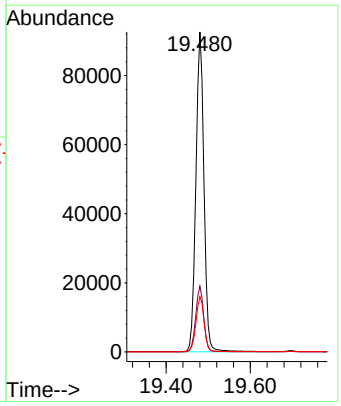


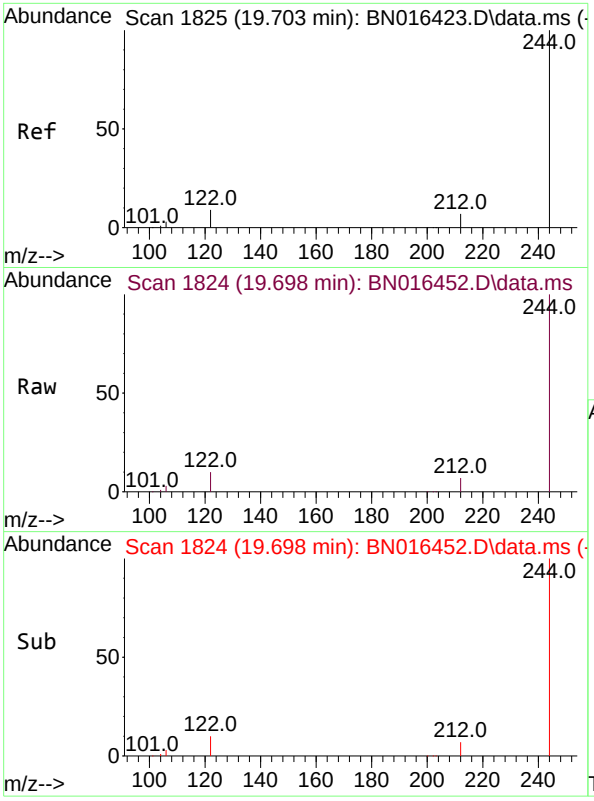


#30
Pyrene
Concen: 0.390 ng
RT: 19.480 min Scan# 1780
Delta R.T. -0.005 min
Lab File: BN016452.D
Acq: 25 Sep 2021 01:14

Tgt Ion:202 Resp: 123408

Ion	Ratio	Lower	Upper
202	100		
200	20.4	15.8	23.6
203	17.4	13.9	20.9

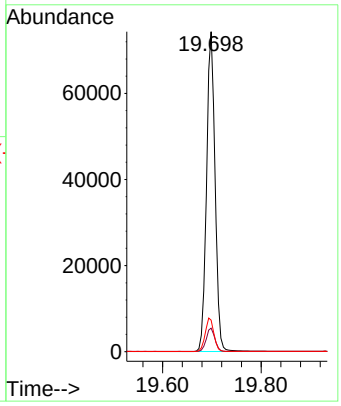




#31
Terphenyl-d14
Concen: 0.380 ng
RT: 19.698 min Scan# 1824
Delta R.T. -0.005 min
Lab File: BN016452.D
Acq: 25 Sep 2021 01:14

Tgt Ion:244 Resp: 89292

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.5	8.3
122	9.8	9.0	13.4



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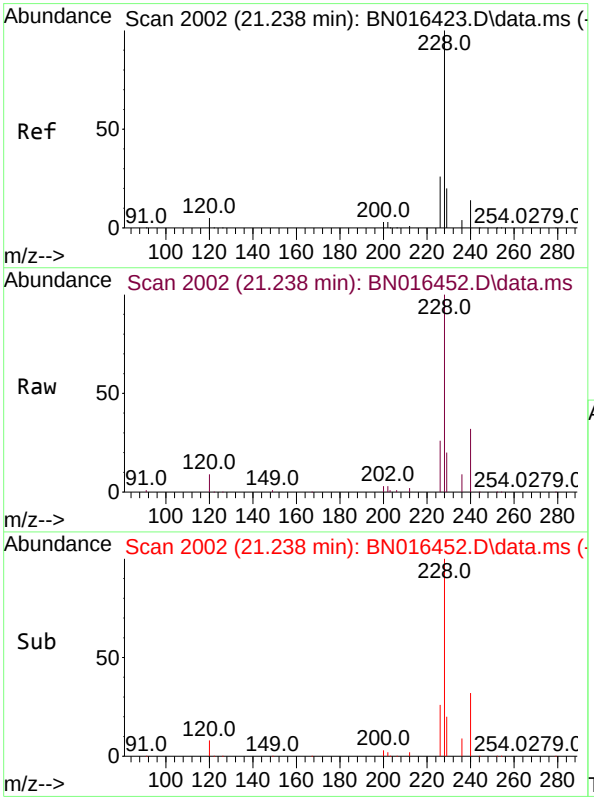
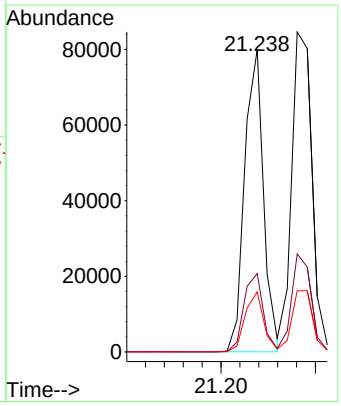


#32
Benzo(a)anthracene
Concen: 0.378 ng
RT: 21.238 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BN016452.D
Acq: 25 Sep 2021 01:14

Tgt Ion:228 Resp: 110872

Ion	Ratio	Lower	Upper
228	100		
226	25.9	20.8	31.2
229	19.8	15.8	23.6



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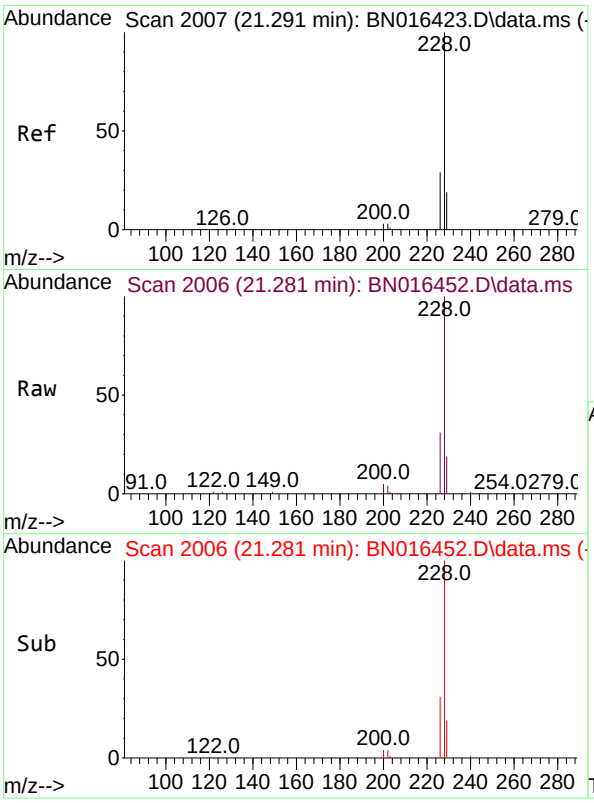
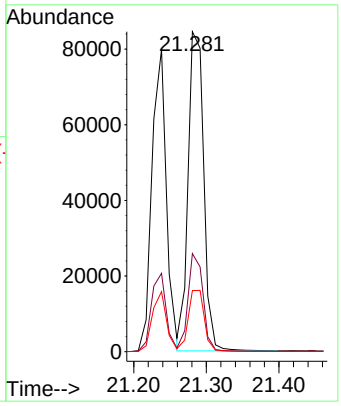
PB139197BS

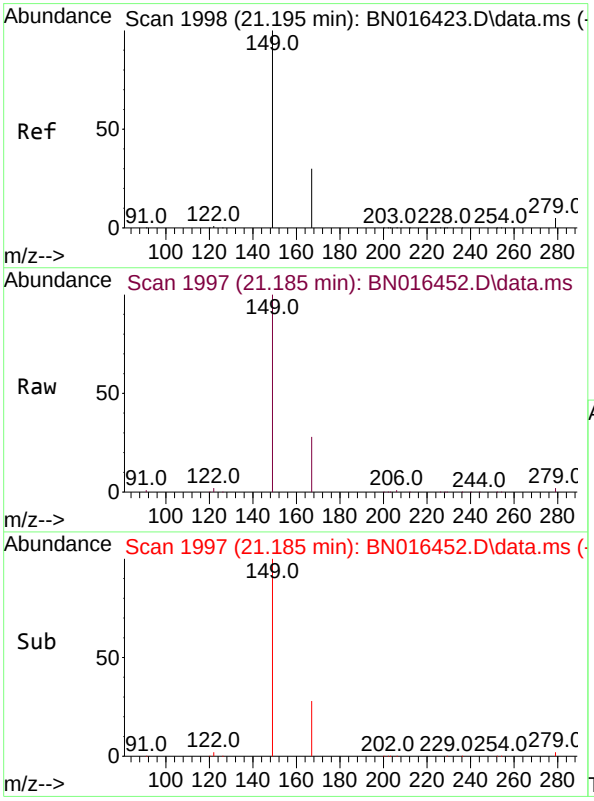


#33
Chrysene
Concen: 0.402 ng
RT: 21.281 min Scan# 2006
Delta R.T. -0.010 min
Lab File: BN016452.D
Acq: 25 Sep 2021 01:14

Tgt Ion:228 Resp: 126531

Ion	Ratio	Lower	Upper
228	100		
226	30.7	23.0	34.4
229	19.1	15.6	23.4

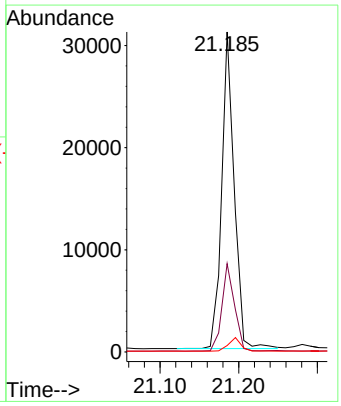




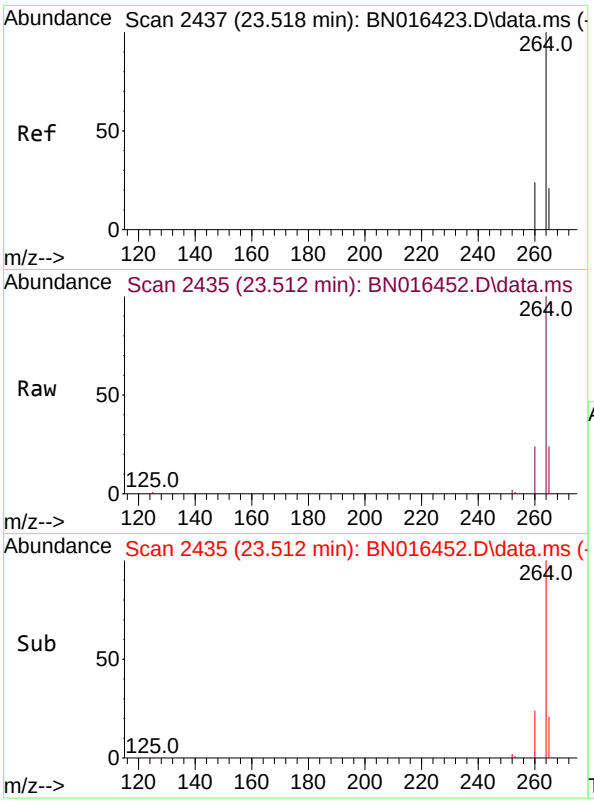
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.426 ng
RT: 21.185 min Scan# 1997
Delta R.T. -0.010 min
Lab File: BN016452.D
Acq: 25 Sep 2021 01:14

Tgt Ion:149 Resp: 34058

Ion	Ratio	Lower	Upper
149	100		
167	27.6	23.4	35.0
279	4.2	3.9	5.9



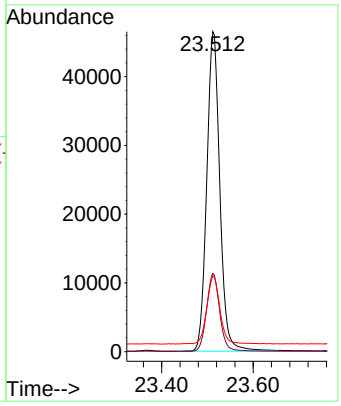
Instrument :
BNA_N
ClientSampleId :
PB139197BS

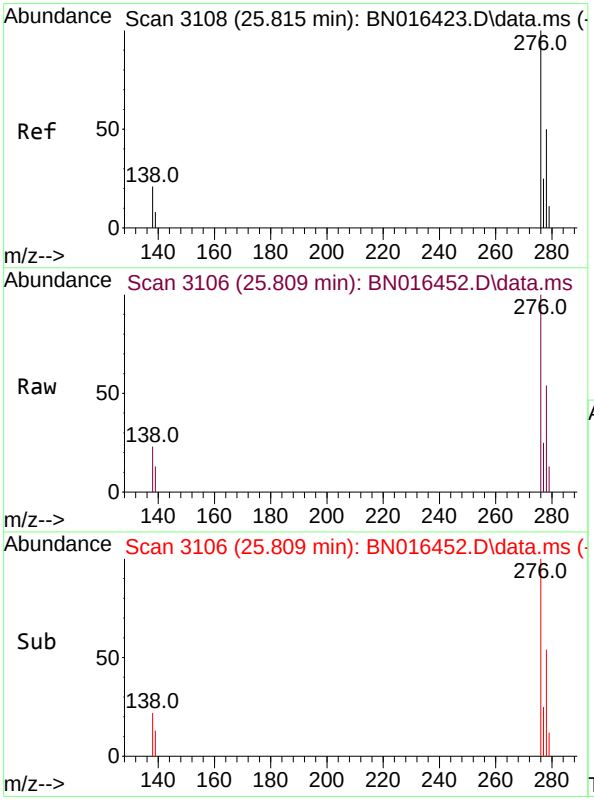


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.512 min Scan# 2435
Delta R.T. -0.006 min
Lab File: BN016452.D
Acq: 25 Sep 2021 01:14

Tgt Ion:264 Resp: 92067

Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.9	28.3
265	23.7	23.7	35.5

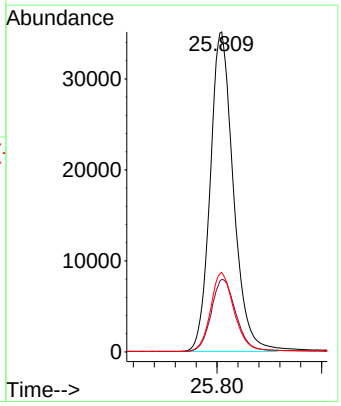




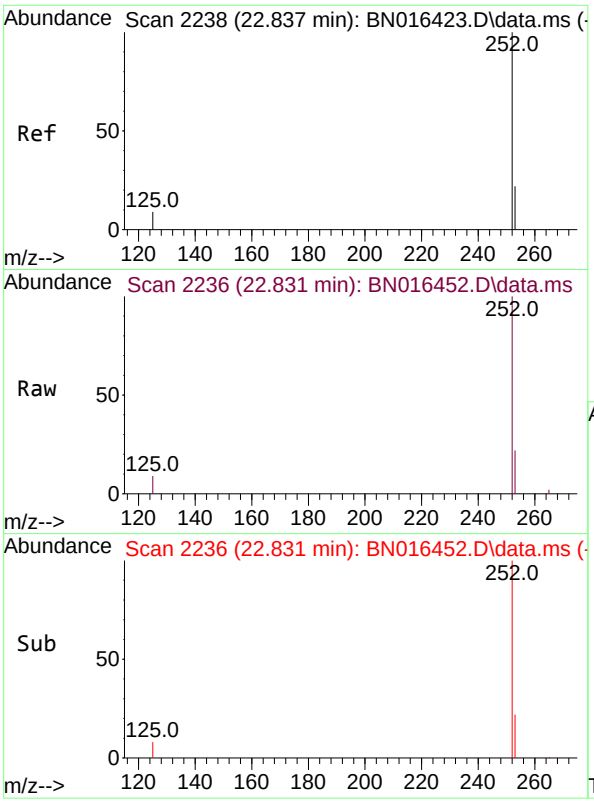
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.362 ng
RT: 25.809 min Scan# 3106
Delta R.T. -0.006 min
Lab File: BN016452.D
Acq: 25 Sep 2021 01:14

Tgt Ion:276 Resp: 108013

Ion	Ratio	Lower	Upper
276	100		
138	24.0	19.3	28.9
277	25.0	20.2	30.2



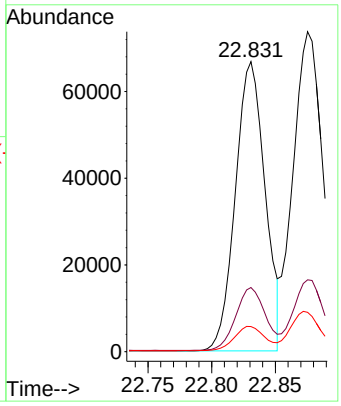
Instrument :
BNA_N
ClientSampleId :
PB139197BS

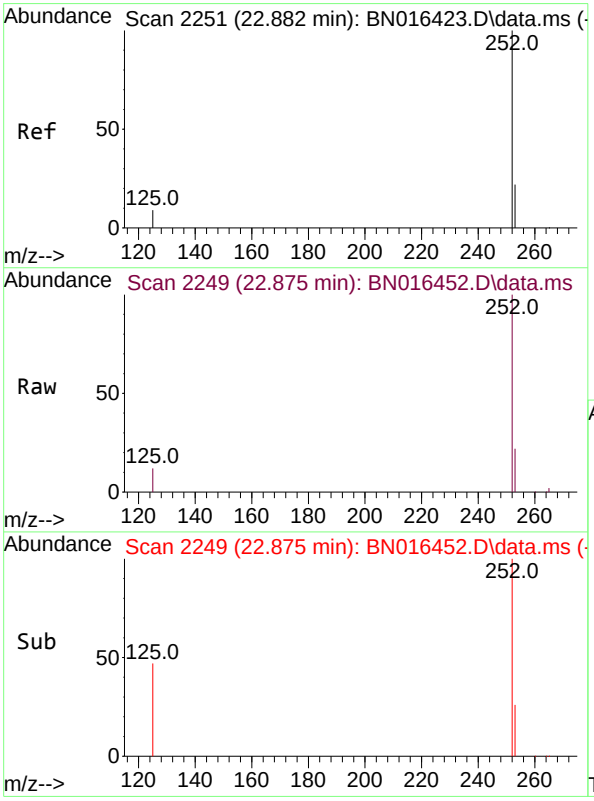


#37
Benzo(b)fluoranthene
Concen: 0.351 ng
RT: 22.831 min Scan# 2236
Delta R.T. -0.006 min
Lab File: BN016452.D
Acq: 25 Sep 2021 01:14

Tgt Ion:252 Resp: 108048

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.2
125	8.7	8.4	12.6

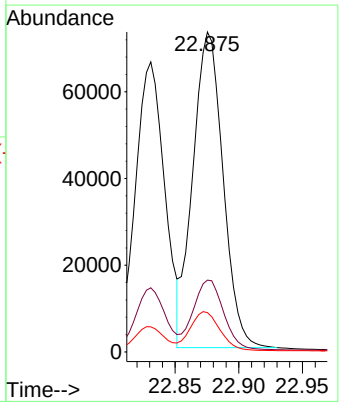




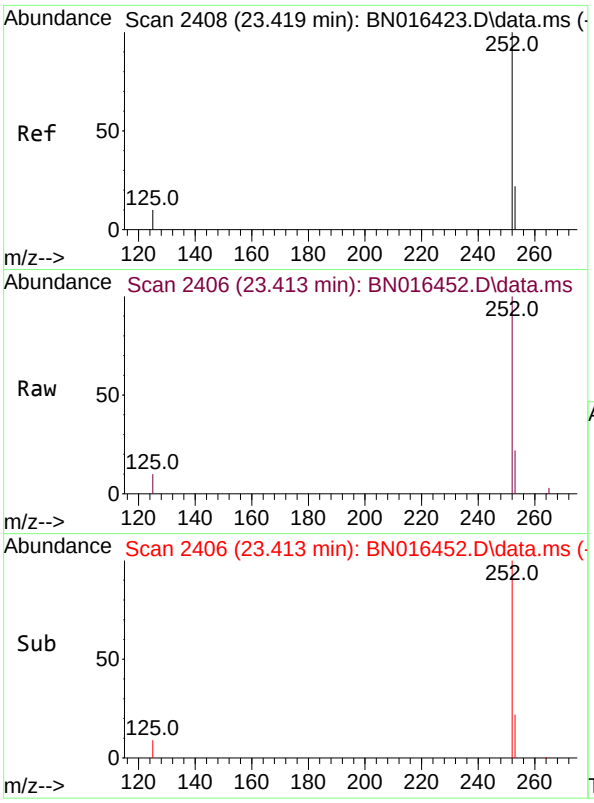
#38
Benzo(k)fluoranthene
Concen: 0.404 ng
RT: 22.875 min Scan# 2249
Delta R.T. -0.006 min
Lab File: BN016452.D
Acq: 25 Sep 2021 01:14

Tgt Ion:252 Resp: 120000

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.2
125	12.3	8.2	12.4



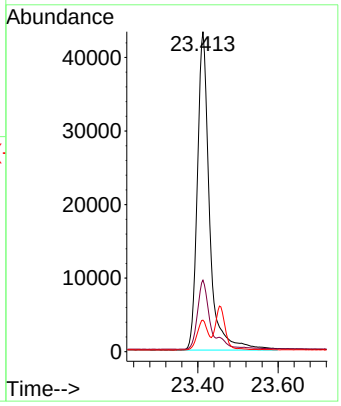
Instrument :
BNA_N
ClientSampleId :
PB139197BS

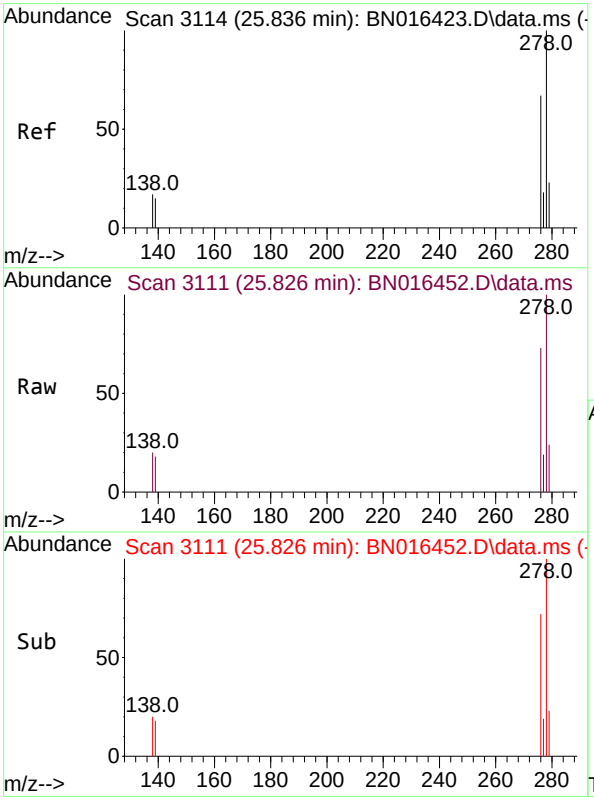


#39
Benzo(a)pyrene
Concen: 0.363 ng
RT: 23.413 min Scan# 2406
Delta R.T. -0.006 min
Lab File: BN016452.D
Acq: 25 Sep 2021 01:14

Tgt Ion:252 Resp: 90938

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.7	28.1
125	9.8	9.9	14.9#

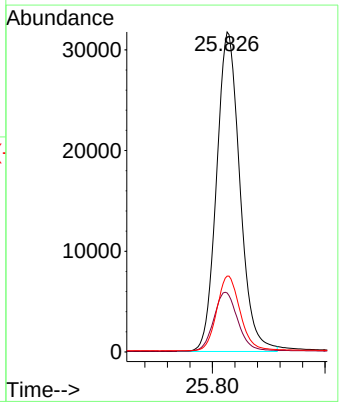


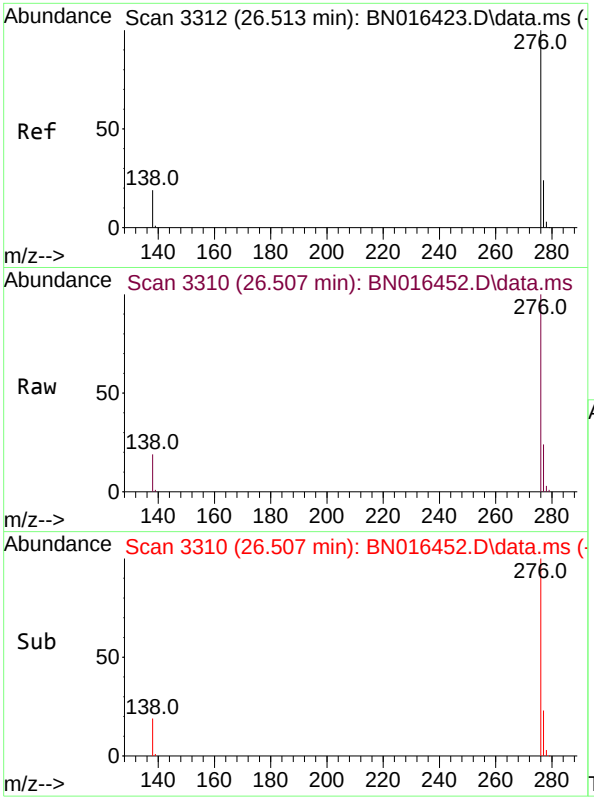


#40
Dibenzo(a,h)anthracene
Concen: 0.359 ng
RT: 25.826 min Scan# 3111
Delta R.T. -0.010 min
Lab File: BN016452.D
Acq: 25 Sep 2021 01:14

Tgt Ion:278 Resp: 91143

Ion	Ratio	Lower	Upper
278	100		
139	18.4	14.2	21.2
279	23.7	21.3	31.9

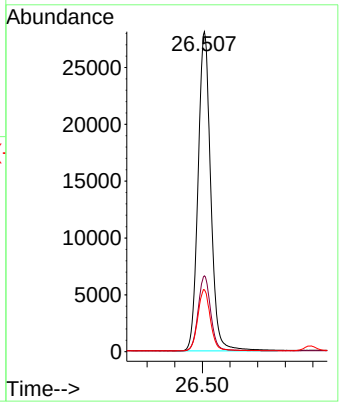




#41
Benzo(g,h,i)perylene
Concen: 0.341 ng
RT: 26.507 min Scan# 3310
Delta R.T. -0.006 min
Lab File: BN016452.D
Acq: 25 Sep 2021 01:14

Tgt Ion:276 Resp: 89075

Ion	Ratio	Lower	Upper
276	100		
277	23.7	20.5	30.7
138	19.3	18.2	27.4



Instrument :
BNA_N
ClientSampleId :
PB139197BS