Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092421\
Data File : BN016443.D
Acq On : 24 Sep 2021 18:35
Operator : CG/JU
Sample : M3911-05MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Sep 25 05:05:35 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	20326	0.400	ng	0.00
7) Naphthalene-d8	10.432	136	92437	0.400	ng	#-0.01
13) Acenaphthene-d10	14.294	164	52004	0.400	ng	0.00
19) Phenanthrene-d10	17.042	188	101118	0.400	ng	# 0.00
29) Chrysene-d12	21.259	240	100075	0.400	ng	# 0.01
35) Perylene-d12	23.519	264	93643	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.309	112	5598	0.123	ng	0.03
5) Phenol-d6	6.859	99	4324	0.080	ng	0.00
8) Nitrobenzene-d5	8.810	82	18040	0.276	ng	0.00
11) 2-Methylnaphthalene-d10	12.029	152	42057	0.307	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	6027	0.436	ng	0.00
15) 2-Fluorobiphenyl	12.924	172	54843	0.251	ng	0.00
27) Fluoranthene-d10	19.088	212	122372	0.441	ng	0.00
31) Terphenyl-d14	19.698	244	100413	0.432	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.290	88	3528	0.405	ng	# 87
3) n-Nitrosodimethylamine	3.613	42	3314	0.158	ng	# 65
6) bis(2-Chloroethyl)ether	7.107	93	18749	0.344	ng	97
9) Naphthalene	10.483	128	96121	0.390	ng	99
10) Hexachlorobutadiene	10.774	225	12325	0.251	ng	# 99
12) 2-Methylnaphthalene	12.105	142	55486	0.355	ng	98
16) Acenaphthylene	14.015	152	74626	0.353	ng	99
17) Acenaphthene	14.357	154	74065	0.493	ng	98
18) Fluorene	15.347	166	117346	0.651	ng	100
20) 4,6-Dinitro-2-methylph...	15.436	198	2912	0.391	ng	# 71
21) 4-Bromophenyl-phenylether	16.251	248	21198	0.359	ng	99
22) Hexachlorobenzene	16.348	284	19316	0.330	ng	# 89
23) Atrazine	16.531	200	22000	0.528	ng	98
24) Pentachlorophenol	16.701	266	16798	0.803	ng	98
25) Phenanthrene	17.090	178	148432	0.493	ng	98
26) Anthracene	17.176	178	151767	0.605	ng	98
28) Fluoranthene	19.117	202	149787	0.454	ng	99
30) Pyrene	19.480	202	150815	0.481	ng	98
32) Benzo(a)anthracene	21.238	228	145157	0.500	ng	99
33) Chrysene	21.291	228	145957	0.468	ng	99
34) Bis(2-ethylhexyl)phtha...	21.195	149	104639	1.323	ng	98
36) Indeno(1,2,3-cd)pyrene	25.815	276	129620	0.427	ng	99
37) Benzo(b)fluoranthene	22.837	252	138534	0.443	ng	99
38) Benzo(k)fluoranthene	22.882	252	135907	0.449	ng	99
39) Benzo(a)pyrene	23.416	252	124744	0.489	ng	# 91
40) Dibenzo(a,h)anthracene	25.836	278	107139	0.415	ng	96
41) Benzo(g,h,i)perylene	26.514	276	109923	0.414	ng	95

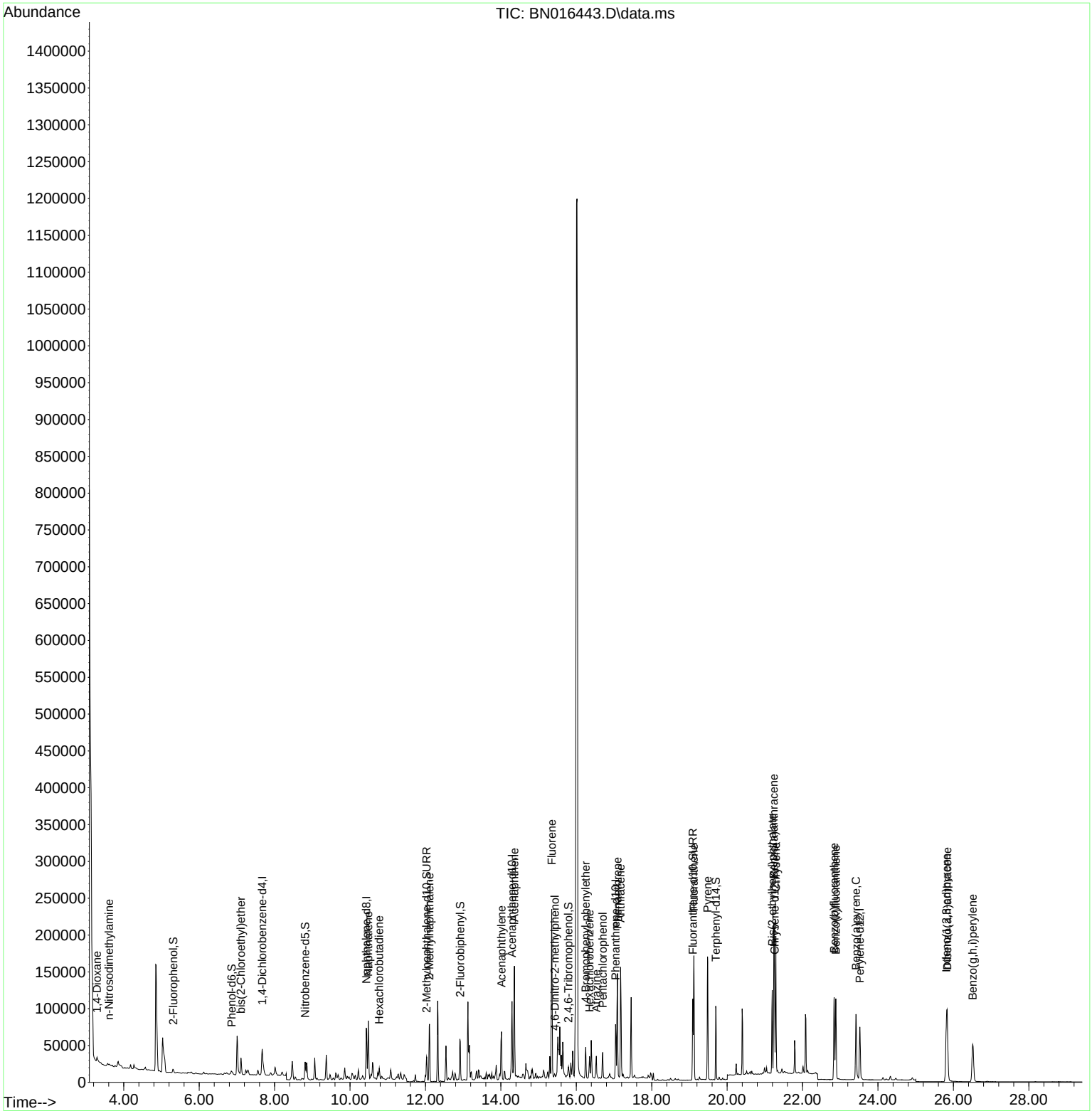
(#) = qualifier out of range (m) = manual integration (+) = signals summed

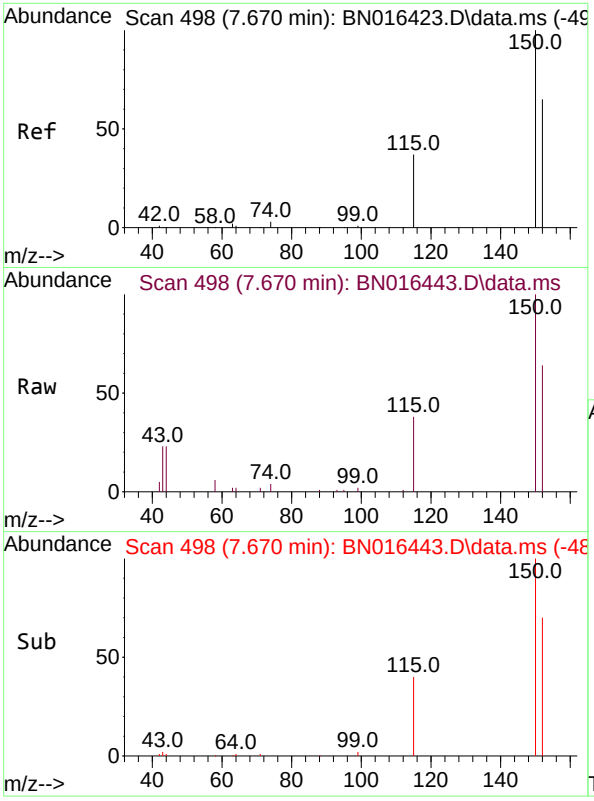
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092421\
Data File : BN016443.D
Acq On : 24 Sep 2021 18:35
Operator : CG/JU
Sample : M3911-05MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Sep 25 05:05:35 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

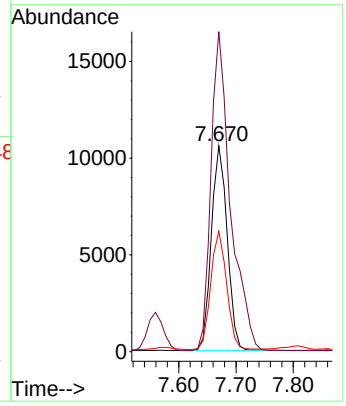




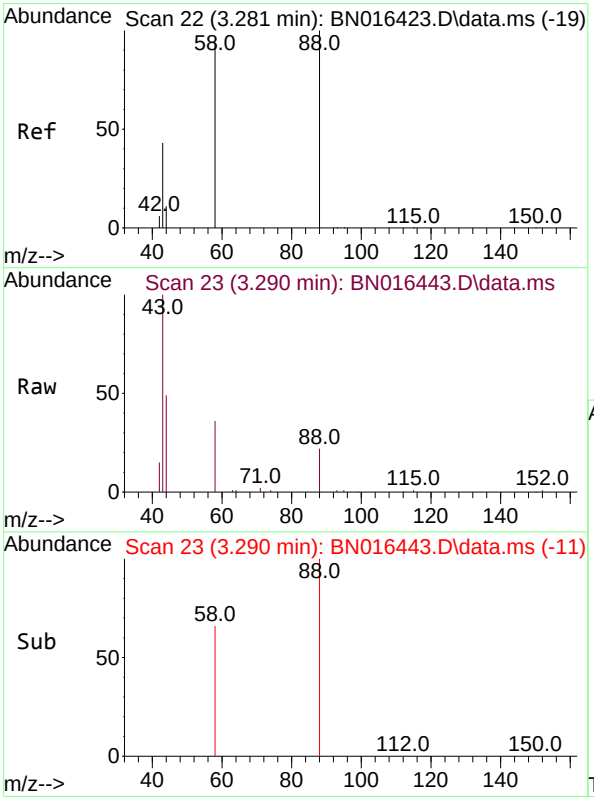
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.670 min Scan# 498
Delta R.T. -0.000 min
Lab File: BN016443.D
Acq: 24 Sep 2021 18:35

Tgt Ion:152 Resp: 20326

Ion	Ratio	Lower	Upper
152	100		
150	155.6	125.6	188.4
115	58.5	50.2	75.2



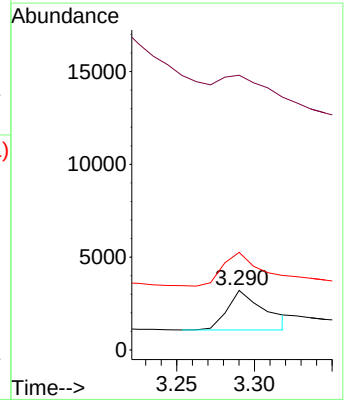
Instrument :
BNA_N
ClientSampleId :



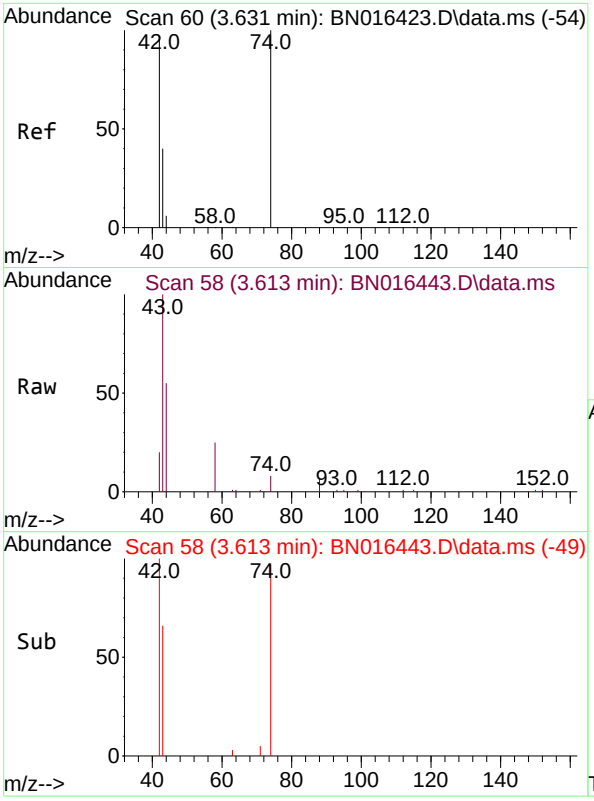
#2
1,4-Dioxane
Concen: 0.405 ng
RT: 3.290 min Scan# 23
Delta R.T. 0.009 min
Lab File: BN016443.D
Acq: 24 Sep 2021 18:35

Tgt Ion: 88 Resp: 3528

Ion	Ratio	Lower	Upper
88	100		
43	0.0	20.3	30.5#
58	85.2	69.9	104.9



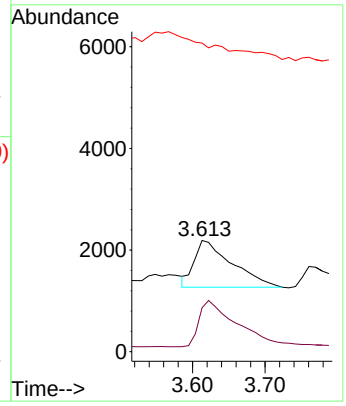
Instrument :
BNA_N
ClientSampleId :

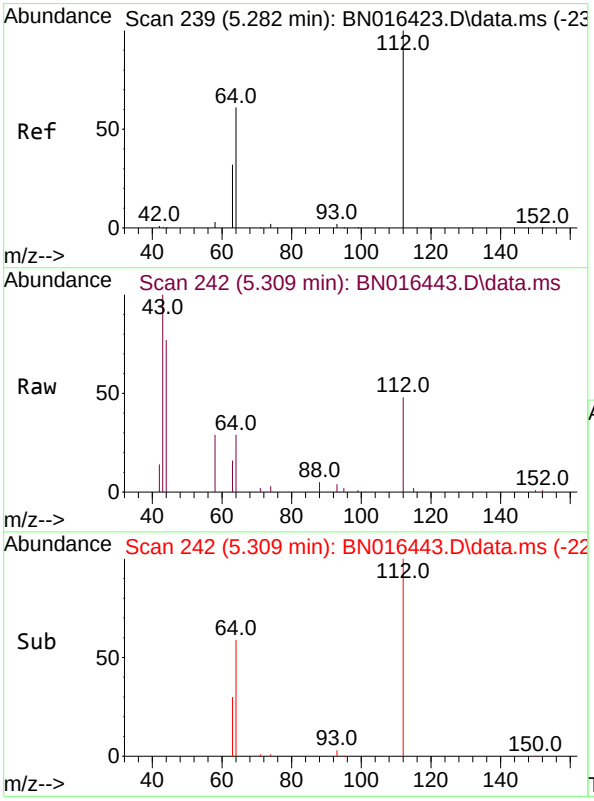


#3
n-Nitrosodimethylamine
Concen: 0.158 ng
RT: 3.613 min Scan# 58
Delta R.T. -0.018 min
Lab File: BN016443.D
Acq: 24 Sep 2021 18:35

Tgt Ion: 42 Resp: 3314

Ion	Ratio	Lower	Upper
42	100		
74	99.4	113.6	170.4#
44	0.0	0.0	0.0

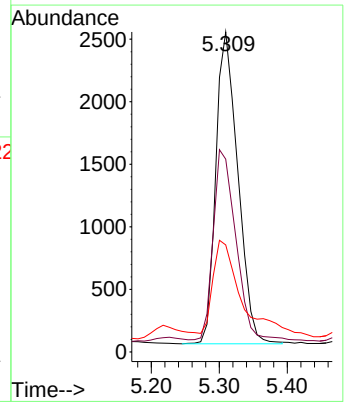




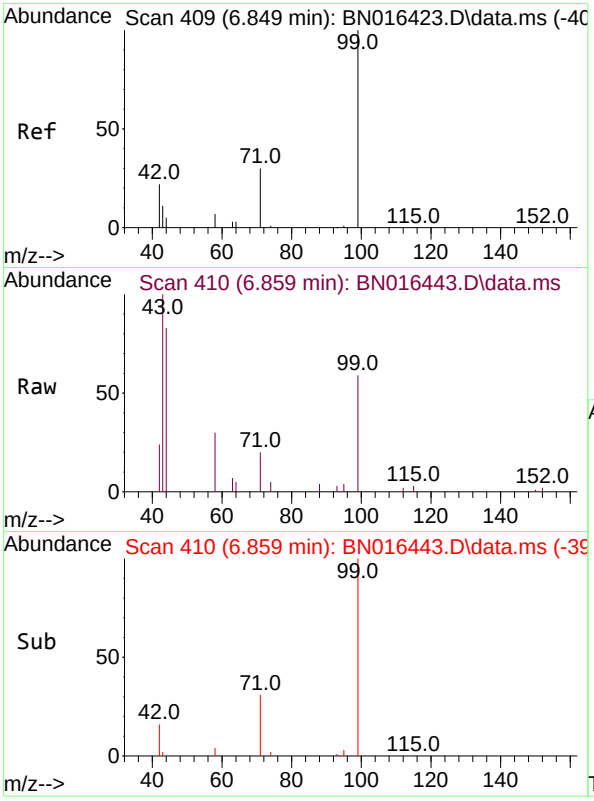
#4
2-Fluorophenol
Concen: 0.123 ng
RT: 5.309 min Scan# 242
Delta R.T. 0.028 min
Lab File: BN016443.D
Acq: 24 Sep 2021 18:35

Tgt Ion:112 Resp: 5598

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



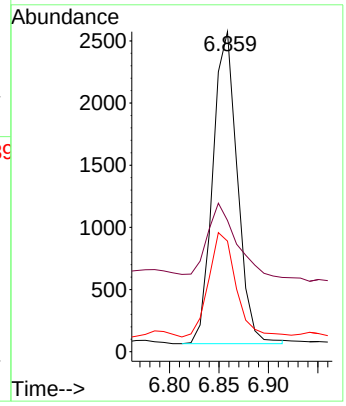
Instrument :
BNA_N
ClientSampleId :

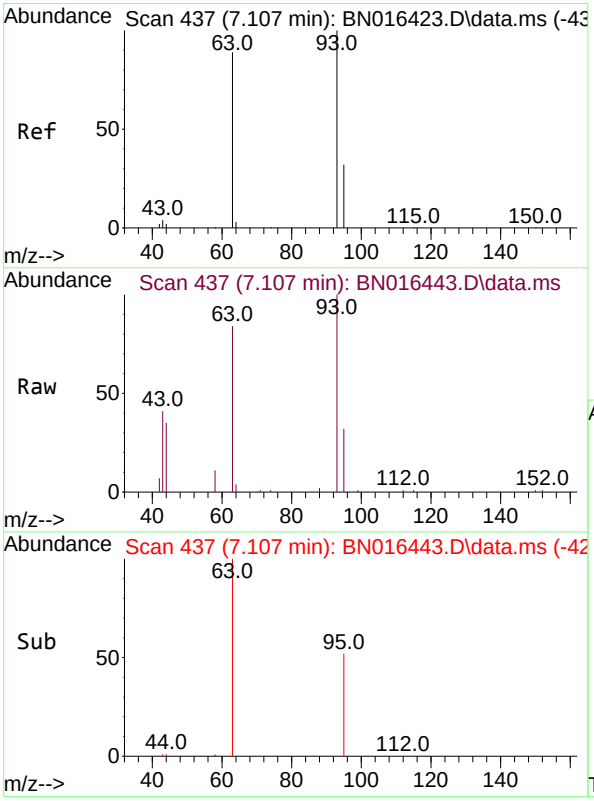


#5
Phenol-d6
Concen: 0.080 ng
RT: 6.859 min Scan# 410
Delta R.T. 0.009 min
Lab File: BN016443.D
Acq: 24 Sep 2021 18:35

Tgt Ion: 99 Resp: 4324

Ion	Ratio	Lower	Upper
99	100		
42	28.0	14.0	21.0#
71	37.3	23.8	35.6#

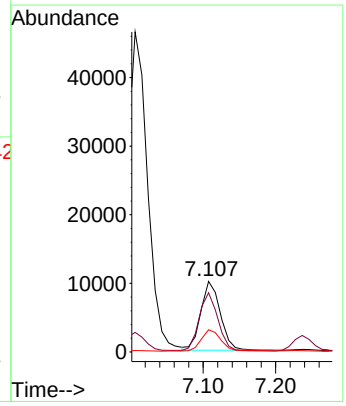


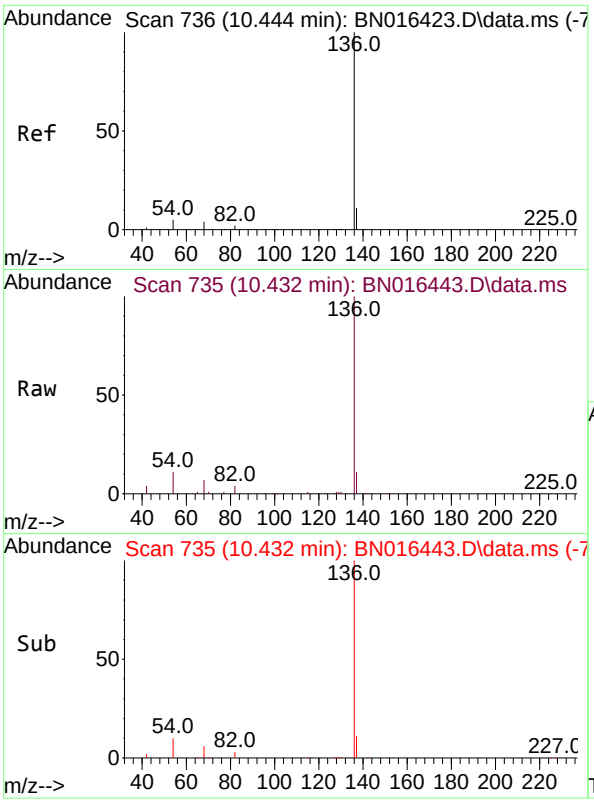


#6
bis(2-Chloroethyl)ether
Concen: 0.344 ng
RT: 7.107 min Scan# 437
Delta R.T. 0.000 min
Lab File: BN016443.D
Acq: 24 Sep 2021 18:35

Tgt Ion: 93 Resp: 18749

Ion	Ratio	Lower	Upper
93	100		
63	81.5	63.4	95.0
95	30.9	26.8	40.2

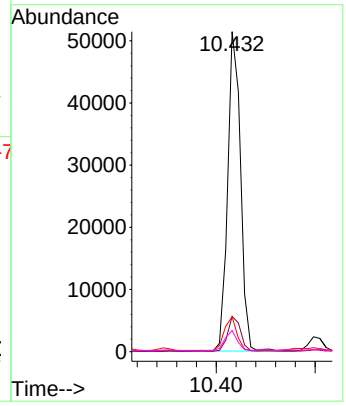




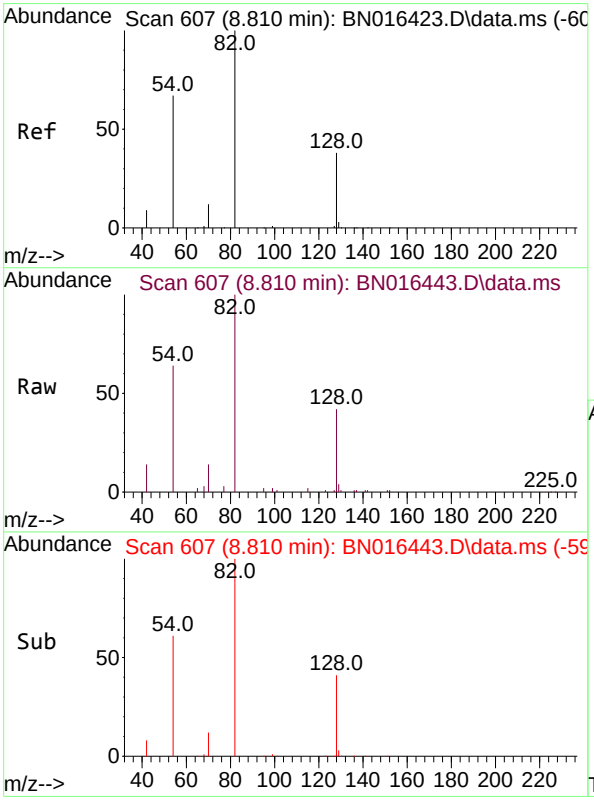
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.432 min Scan# 735
Delta R.T. -0.013 min
Lab File: BN016443.D
Acq: 24 Sep 2021 18:35

Tgt Ion:136 Resp: 92437

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	10.9	5.3	7.9#
68	6.6	3.9	5.9#



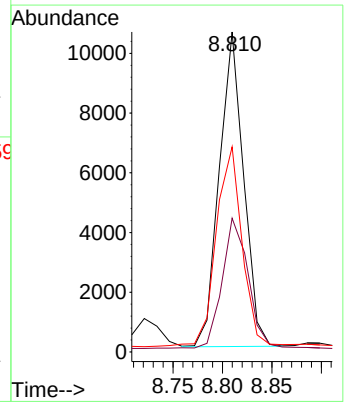
Instrument :
BNA_N
ClientSampleId :



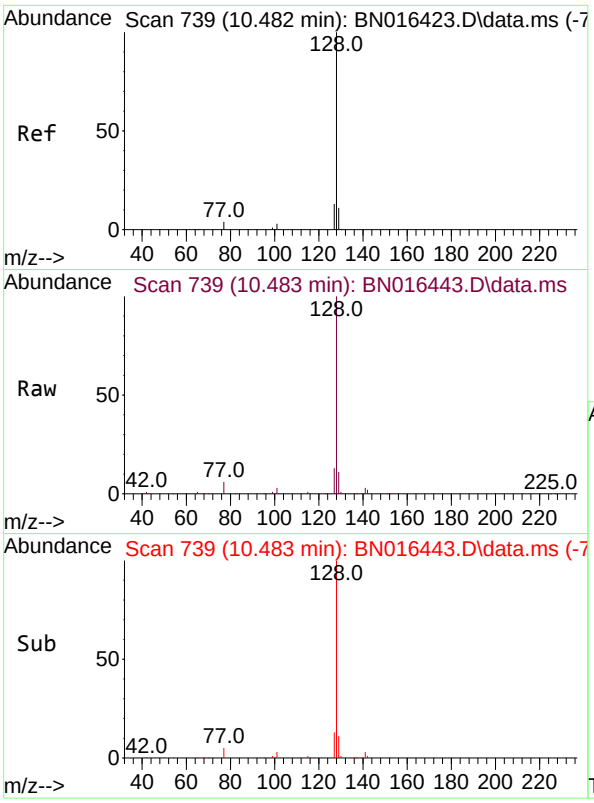
#8
Nitrobenzene-d5
Concen: 0.276 ng
RT: 8.810 min Scan# 607
Delta R.T. 0.000 min
Lab File: BN016443.D
Acq: 24 Sep 2021 18:35

Tgt Ion: 82 Resp: 18040

Ion	Ratio	Lower	Upper
82	100		
128	41.8	31.7	47.5
54	64.1	46.4	69.6



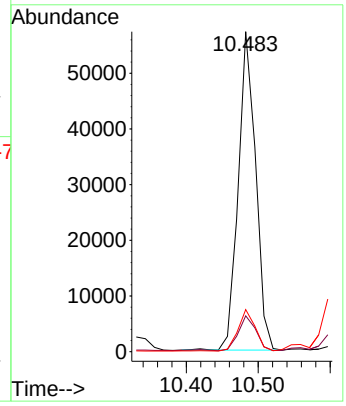
Instrument :
BNA_N
ClientSampleId :

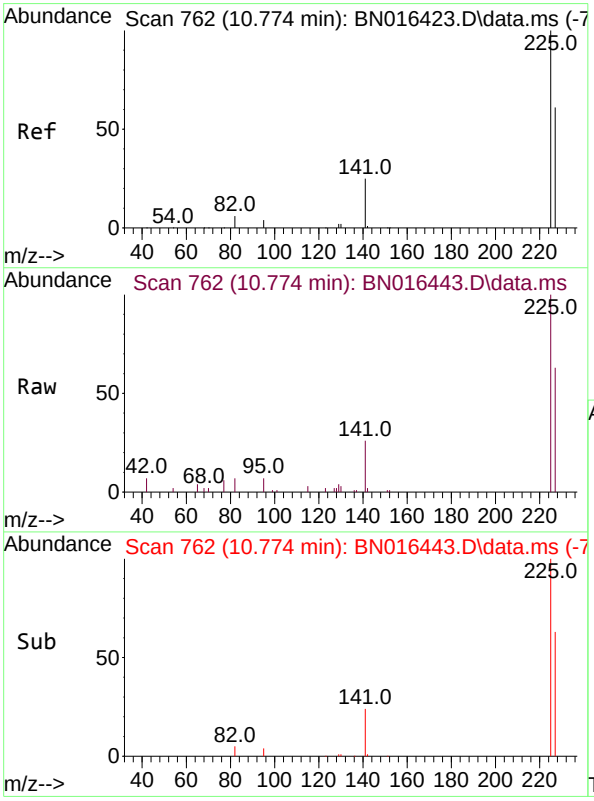


#9
Naphthalene
Concen: 0.390 ng
RT: 10.483 min Scan# 739
Delta R.T. 0.000 min
Lab File: BN016443.D
Acq: 24 Sep 2021 18:35

Tgt Ion:128 Resp: 96121

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.9	13.3
127	13.2	10.1	15.1

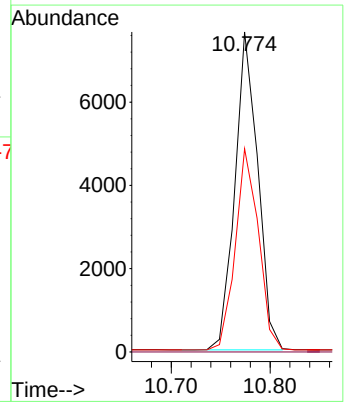


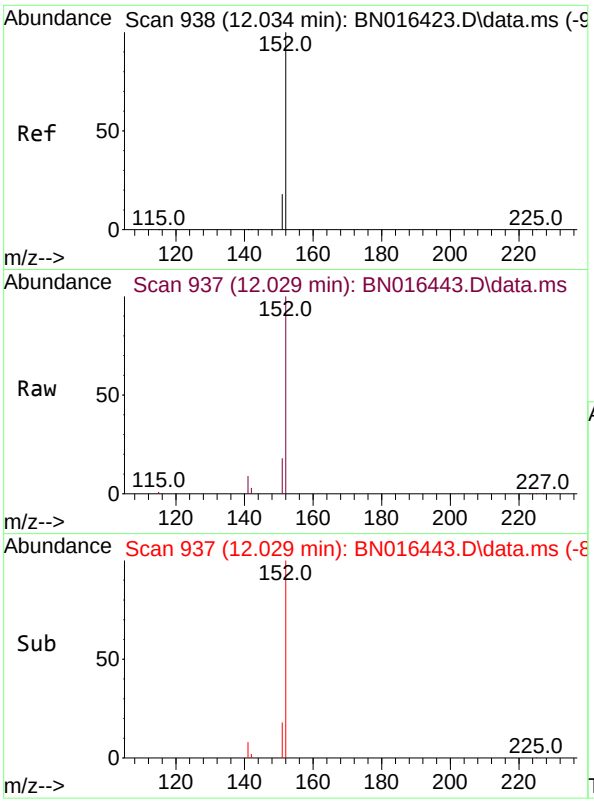


#10
Hexachlorobutadiene
Concen: 0.251 ng
RT: 10.774 min Scan# 762
Delta R.T. 0.000 min
Lab File: BN016443.D
Acq: 24 Sep 2021 18:35

Tgt Ion:225 Resp: 12325

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

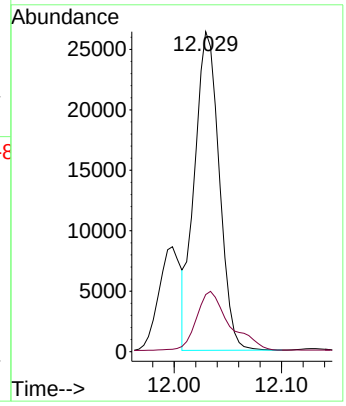




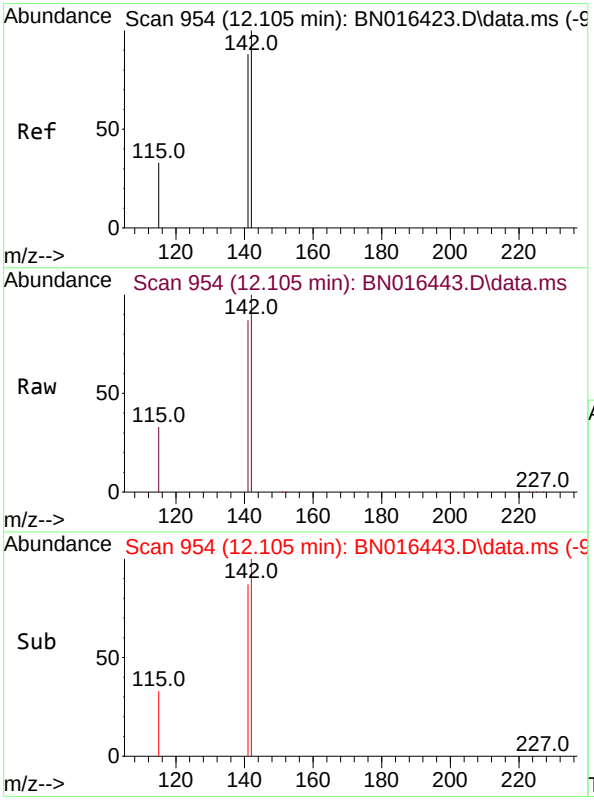
#11
2-Methylnaphthalene-d10
Concen: 0.307 ng
RT: 12.029 min Scan# 937
Delta R.T. -0.004 min
Lab File: BN016443.D
Acq: 24 Sep 2021 18:35

Tgt Ion:152 Resp: 42057

Ion	Ratio	Lower	Upper
152	100		
151	25.1	16.1	24.1#



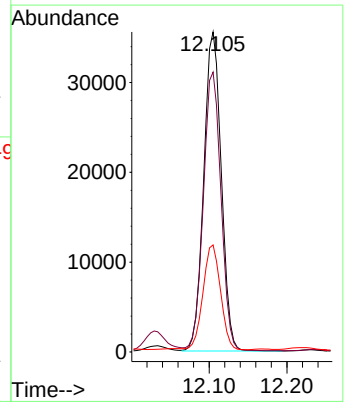
Instrument :
BNA_N
ClientSampleId :



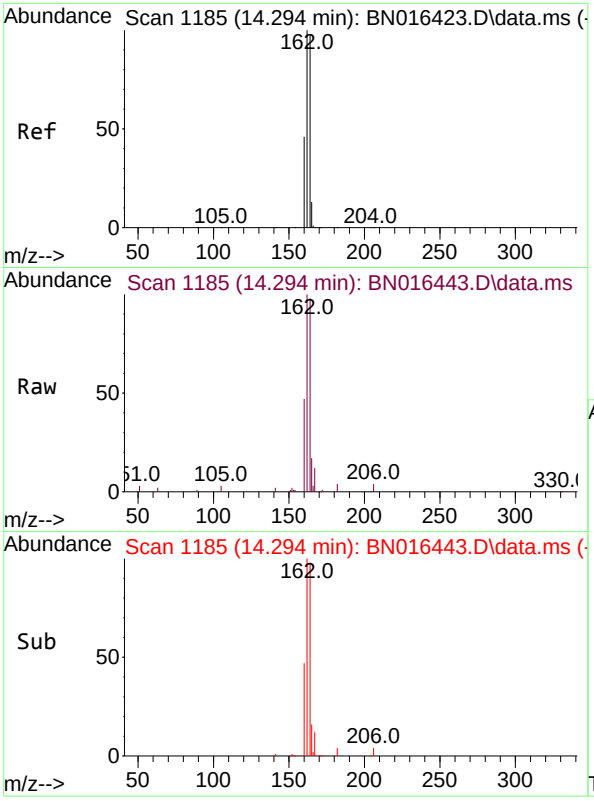
#12
2-Methylnaphthalene
Concen: 0.355 ng
RT: 12.105 min Scan# 954
Delta R.T. 0.000 min
Lab File: BN016443.D
Acq: 24 Sep 2021 18:35

Tgt Ion:142 Resp: 55486

Ion	Ratio	Lower	Upper
142	100		
141	87.5	69.8	104.8
115	33.4	24.4	36.6



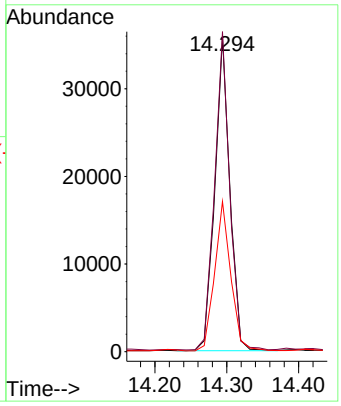
Instrument :
BNA_N
ClientSampleId :

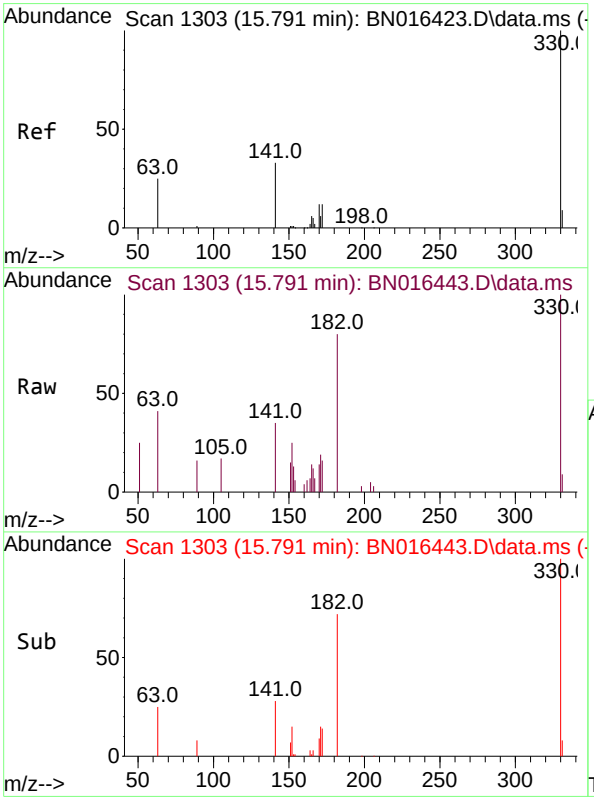


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.294 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BN016443.D
Acq: 24 Sep 2021 18:35

Tgt Ion:164 Resp: 52004

Ion	Ratio	Lower	Upper
164	100		
162	101.6	79.0	118.4
160	47.7	34.1	51.1

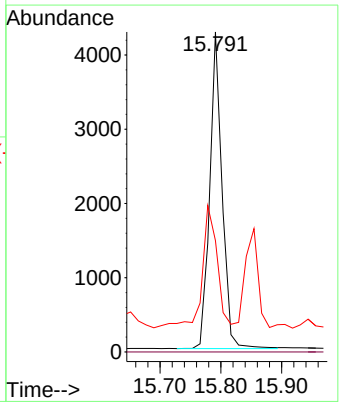


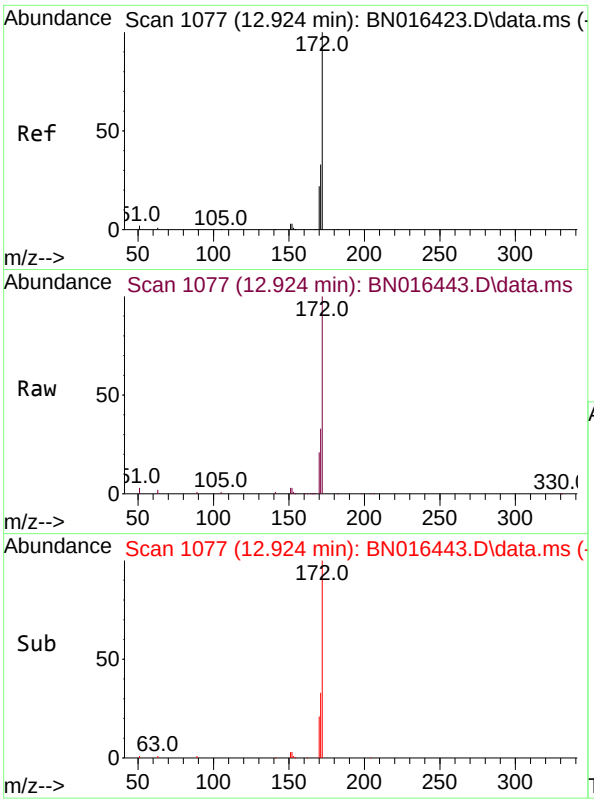


#14
2,4,6-Tribromophenol
Concen: 0.436 ng
RT: 15.791 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BN016443.D
Acq: 24 Sep 2021 18:35

Tgt Ion:330 Resp: 6027

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	41.6	25.0	37.4#

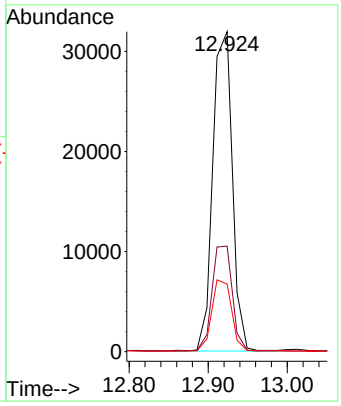




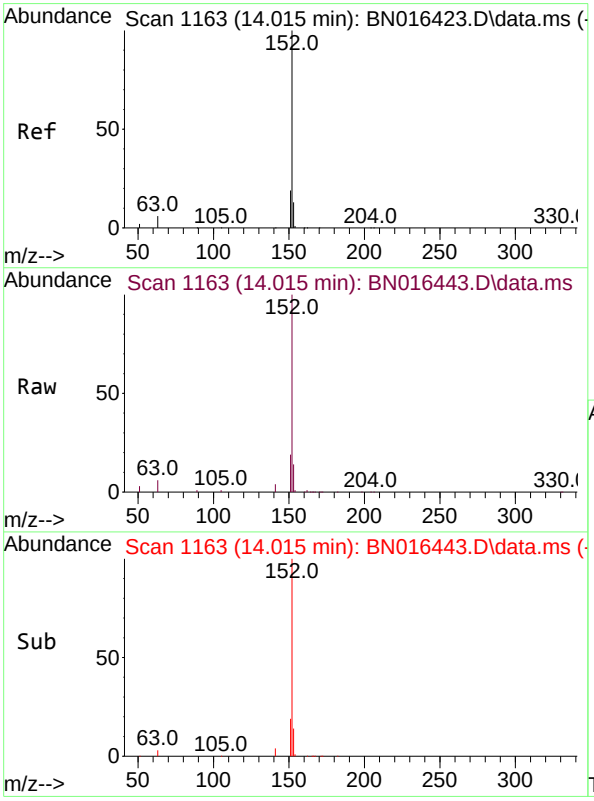
#15
2-Fluorobiphenyl
Concen: 0.251 ng
RT: 12.924 min Scan# 1077
Delta R.T. 0.000 min
Lab File: BN016443.D
Acq: 24 Sep 2021 18:35

Tgt Ion:172 Resp: 54843

Ion	Ratio	Lower	Upper
172	100		
171	33.0	27.8	41.6
170	21.2	18.2	27.2



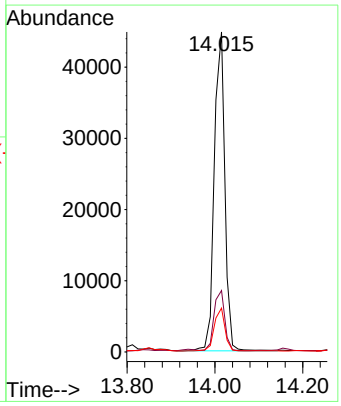
Instrument :
BNA_N
ClientSampleId :



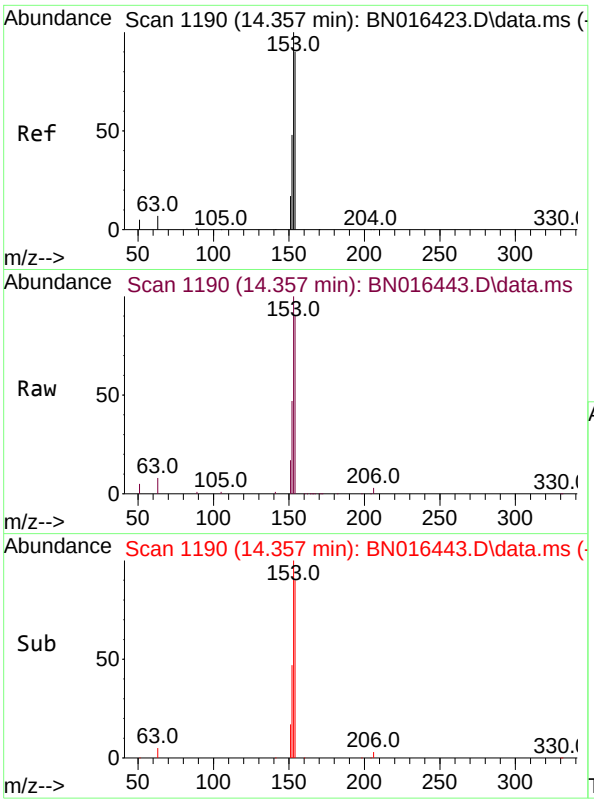
#16
Acenaphthylene
Concen: 0.353 ng
RT: 14.015 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BN016443.D
Acq: 24 Sep 2021 18:35

Tgt Ion:152 Resp: 74626

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.2	22.8
153	13.7	10.5	15.7



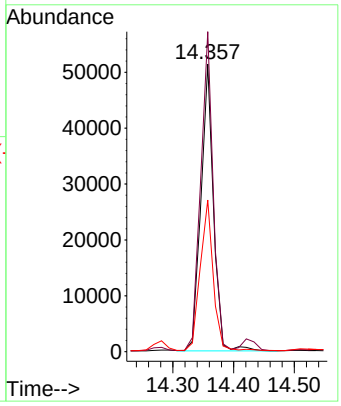
Instrument :
BNA_N
ClientSampleId :

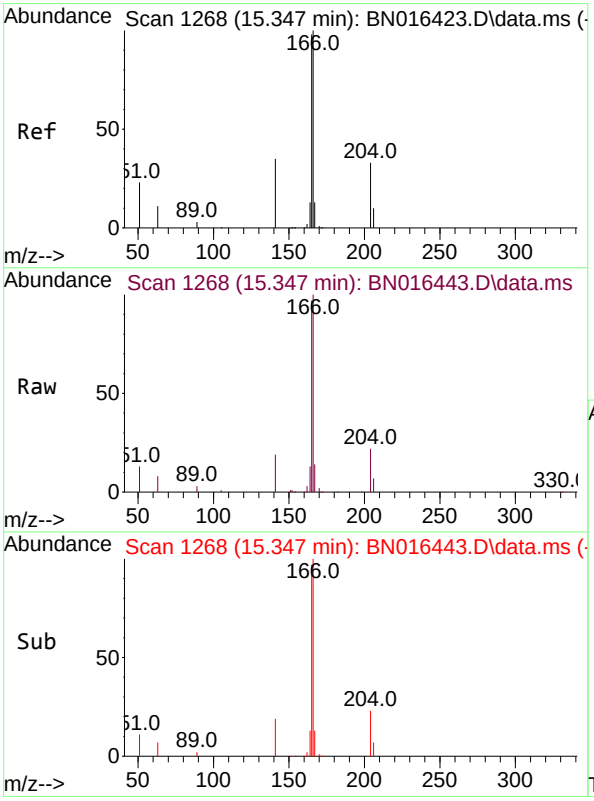


#17
Acenaphthene
Concen: 0.493 ng
RT: 14.357 min Scan# 1190
Delta R.T. 0.000 min
Lab File: BN016443.D
Acq: 24 Sep 2021 18:35

Tgt Ion:154 Resp: 74065

Ion	Ratio	Lower	Upper
154	100		
153	110.1	89.3	133.9
152	54.0	42.2	63.4

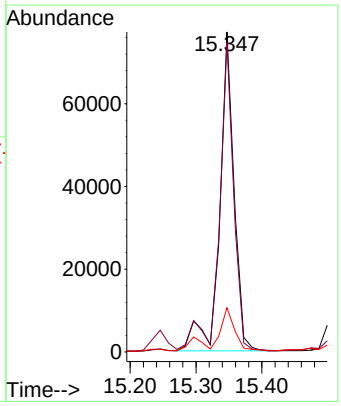




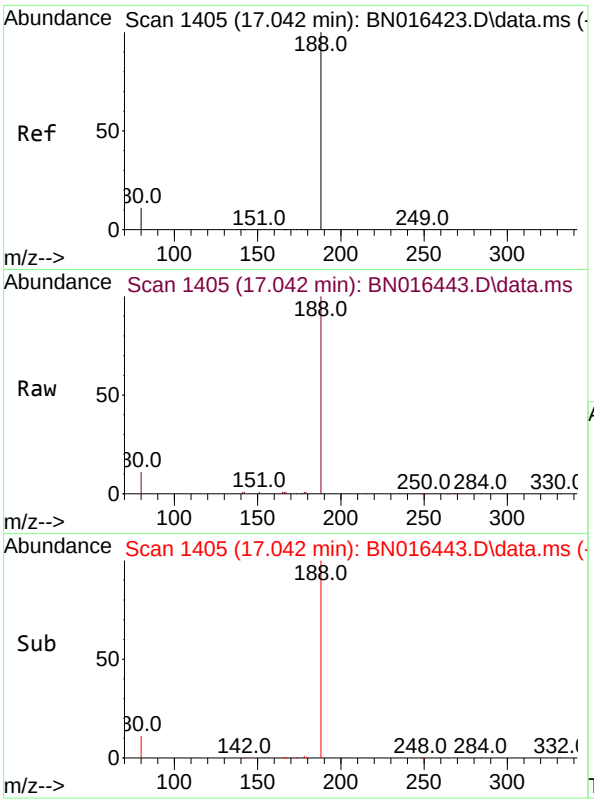
#18
Fluorene
Concen: 0.651 ng
RT: 15.347 min Scan# 1268
Delta R.T. 0.000 min
Lab File: BN016443.D
Acq: 24 Sep 2021 18:35

Tgt Ion:166 Resp: 117346

Ion	Ratio	Lower	Upper
166	100		
165	95.9	76.7	115.1
167	12.9	10.9	16.3



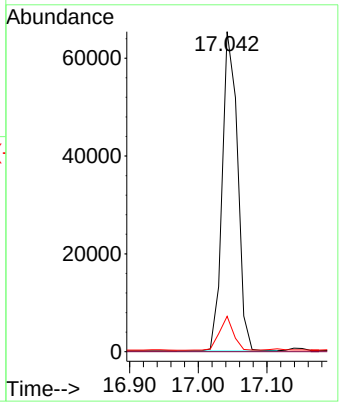
Instrument :
BNA_N
ClientSampleId :

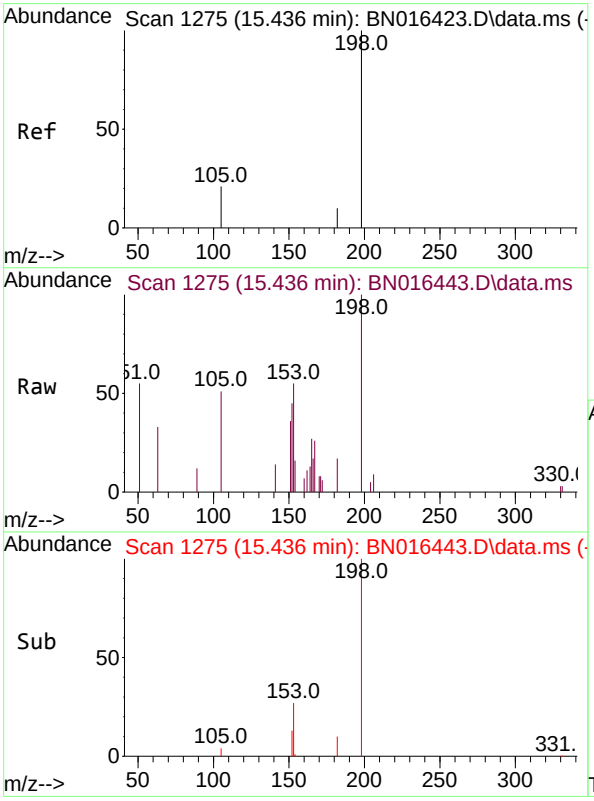


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.042 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BN016443.D
Acq: 24 Sep 2021 18:35

Tgt Ion:188 Resp: 101118

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.0	7.0	10.6#

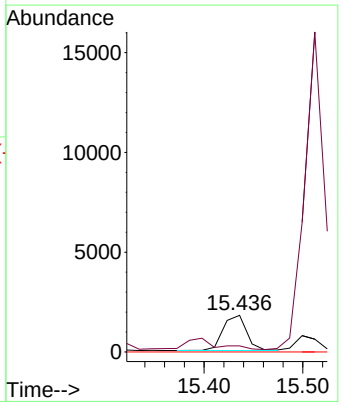




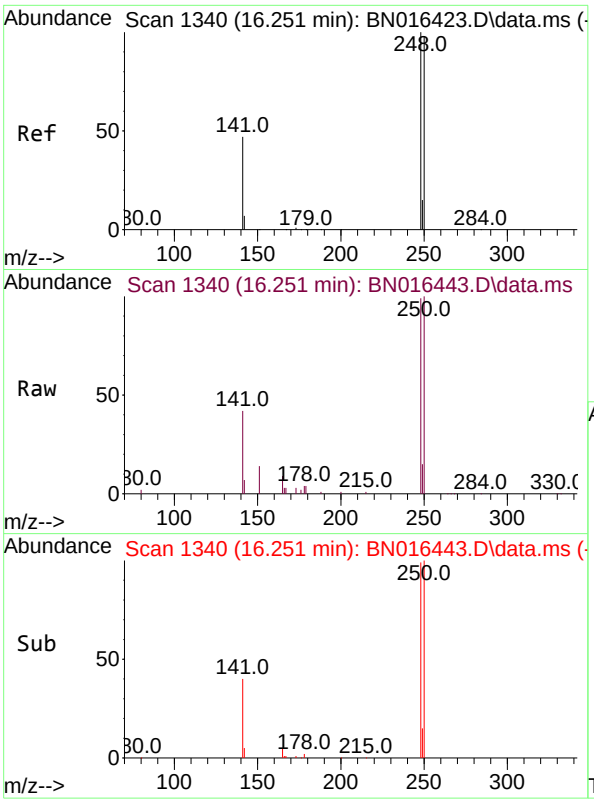
#20
4,6-Dinitro-2-methylphenol
Concen: 0.391 ng
RT: 15.436 min Scan# 1275
Delta R.T. -0.000 min
Lab File: BN016443.D
Acq: 24 Sep 2021 18:35

Tgt Ion:198 Resp: 2912

Ion	Ratio	Lower	Upper
198	100		
182	16.5	26.6	39.8#
77	0.0	0.0	0.0



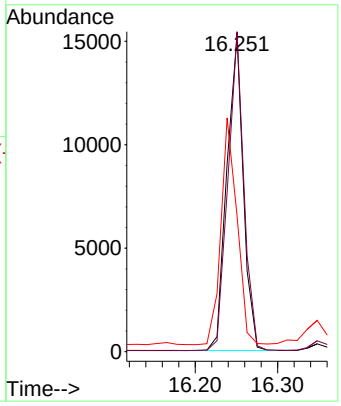
Instrument :
BNA_N
ClientSampleId :

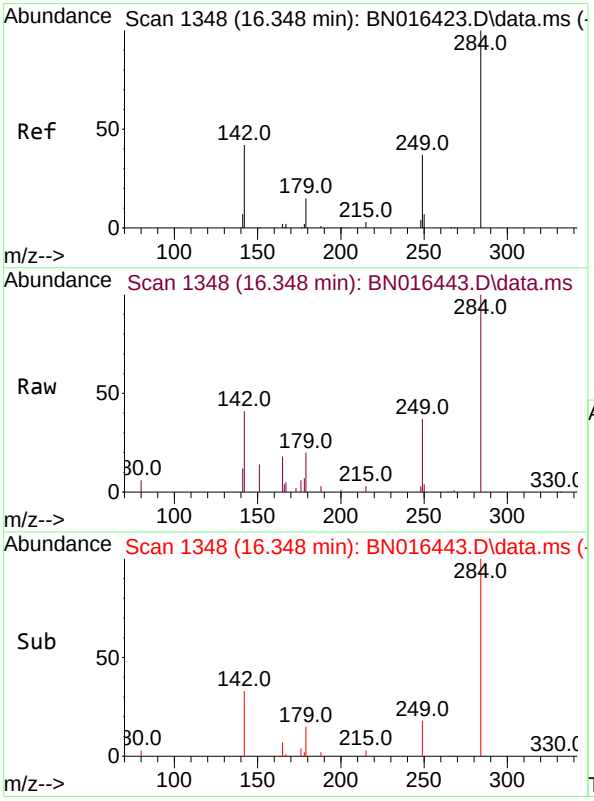


#21
4-Bromophenyl-phenylether
Concen: 0.359 ng
RT: 16.251 min Scan# 1340
Delta R.T. 0.000 min
Lab File: BN016443.D
Acq: 24 Sep 2021 18:35

Tgt Ion:248 Resp: 21198

Ion	Ratio	Lower	Upper
248	100		
250	101.1	80.5	120.7
141	43.0	34.8	52.2

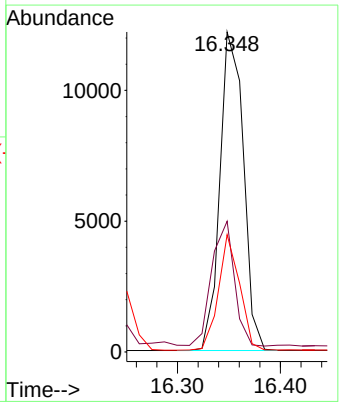




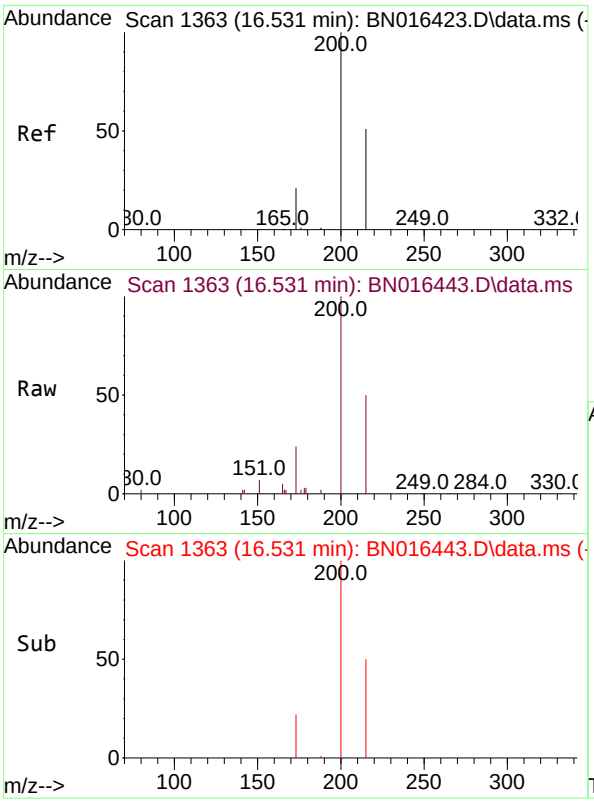
#22
Hexachlorobenzene
Concen: 0.330 ng
RT: 16.348 min Scan# 1348
Delta R.T. 0.000 min
Lab File: BN016443.D
Acq: 24 Sep 2021 18:35

Tgt Ion:284 Resp: 19316

Ion	Ratio	Lower	Upper
284	100		
142	37.7	22.6	34.0#
249	32.6	24.4	36.6



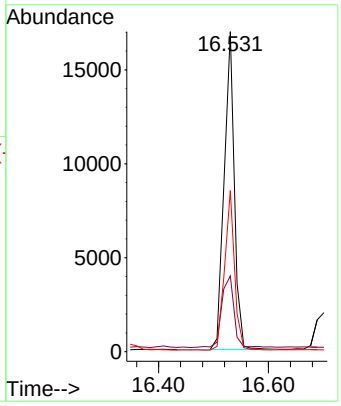
Instrument :
BNA_N
ClientSampleId :

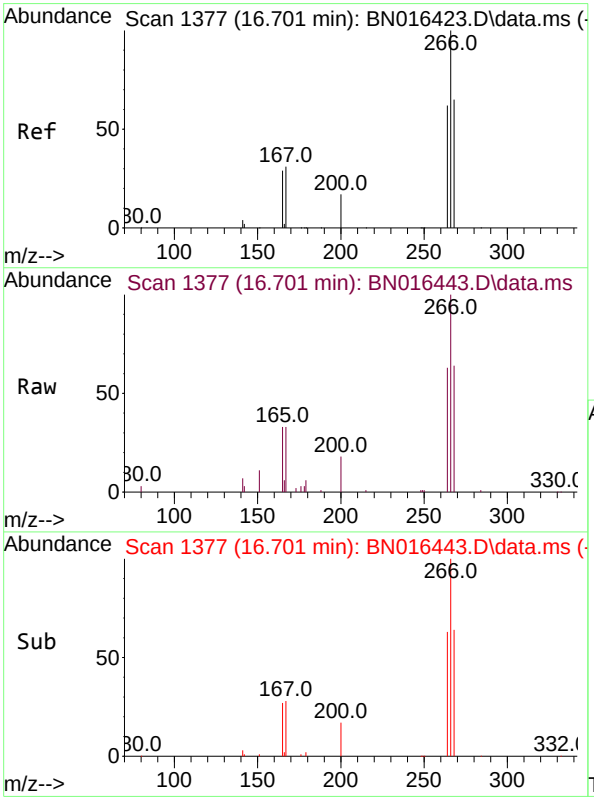


#23
Atrazine
Concen: 0.528 ng
RT: 16.531 min Scan# 1363
Delta R.T. -0.000 min
Lab File: BN016443.D
Acq: 24 Sep 2021 18:35

Tgt Ion:200 Resp: 22000

Ion	Ratio	Lower	Upper
200	100		
173	23.7	18.7	28.1
215	50.3	41.6	62.4

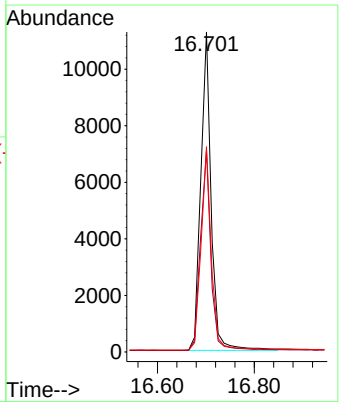




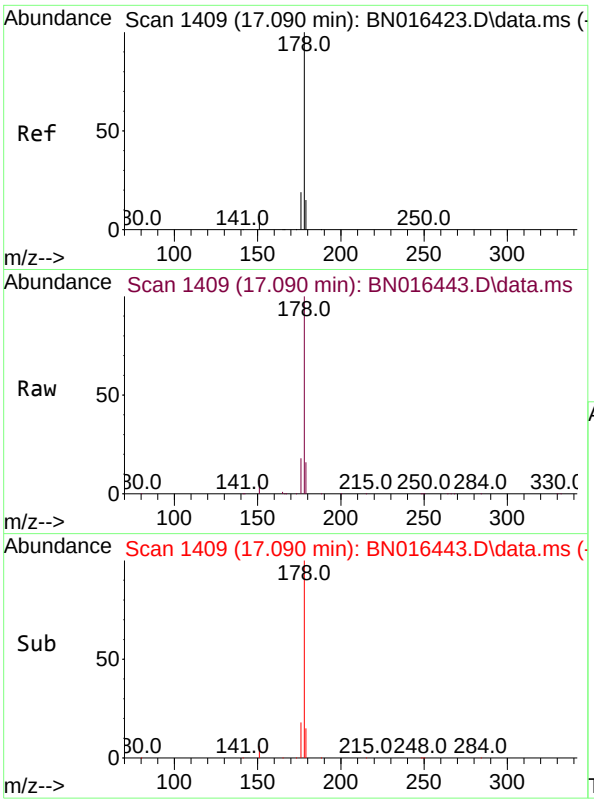
#24
Pentachlorophenol
Concen: 0.803 ng
RT: 16.701 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BN016443.D
Acq: 24 Sep 2021 18:35

Tgt Ion:266 Resp: 16798

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



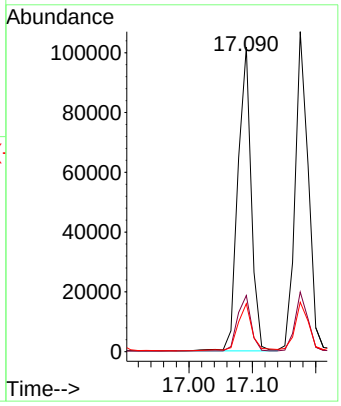
Instrument :
BNA_N
ClientSampleId :

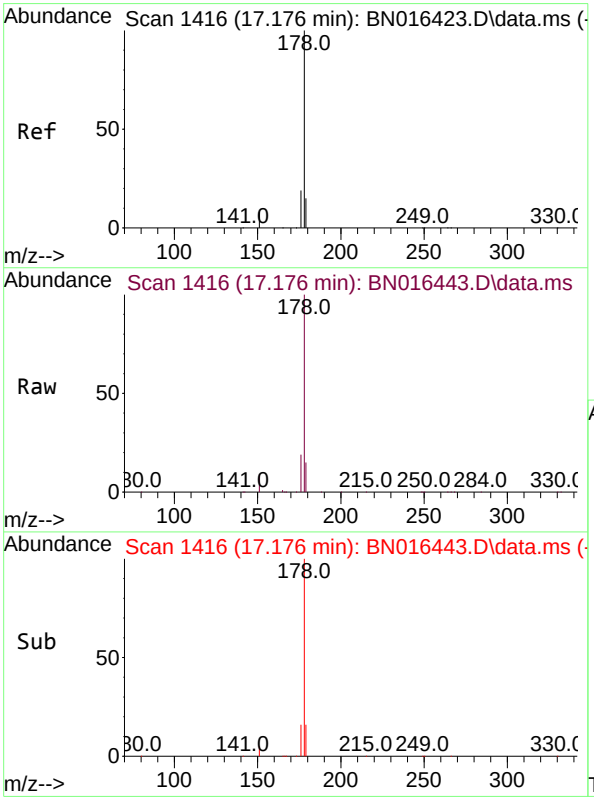


#25
Phenanthrene
Concen: 0.493 ng
RT: 17.090 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BN016443.D
Acq: 24 Sep 2021 18:35

Tgt Ion:178 Resp: 148432

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.4	21.6
179	16.6	12.2	18.4

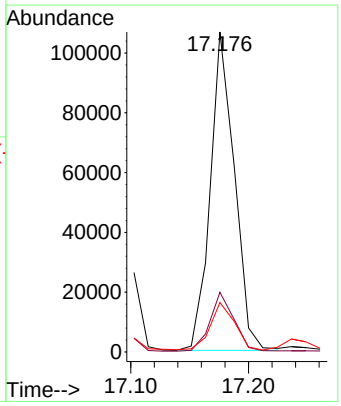


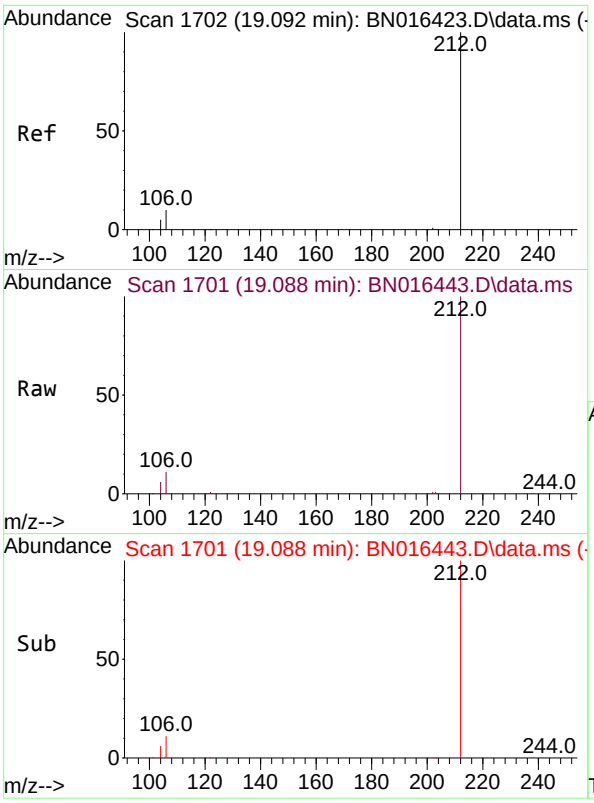


#26
Anthracene
Concen: 0.605 ng
RT: 17.176 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BN016443.D
Acq: 24 Sep 2021 18:35

Tgt Ion:178 Resp: 151767

Ion	Ratio	Lower	Upper
178	100		
176	18.5	13.9	20.9
179	15.0	12.2	18.4

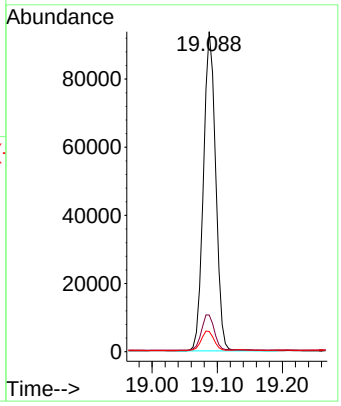




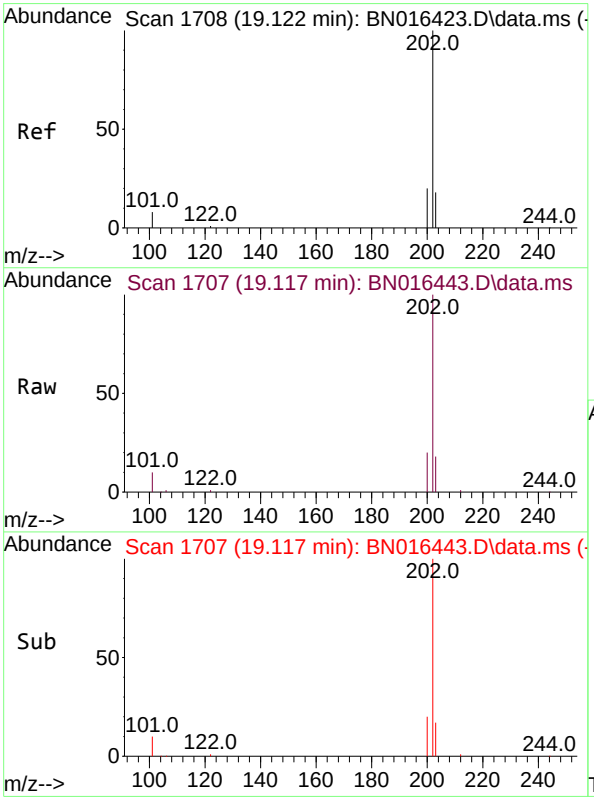
#27
Fluoranthene-d10
Concen: 0.441 ng
RT: 19.088 min Scan# 1701
Delta R.T. -0.005 min
Lab File: BN016443.D
Acq: 24 Sep 2021 18:35

Tgt Ion:212 Resp: 122372

Ion	Ratio	Lower	Upper
212	100		
106	11.6	9.8	14.6
104	6.4	5.4	8.2



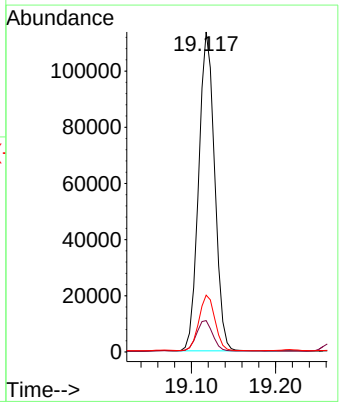
Instrument :
BNA_N
ClientSampleId :

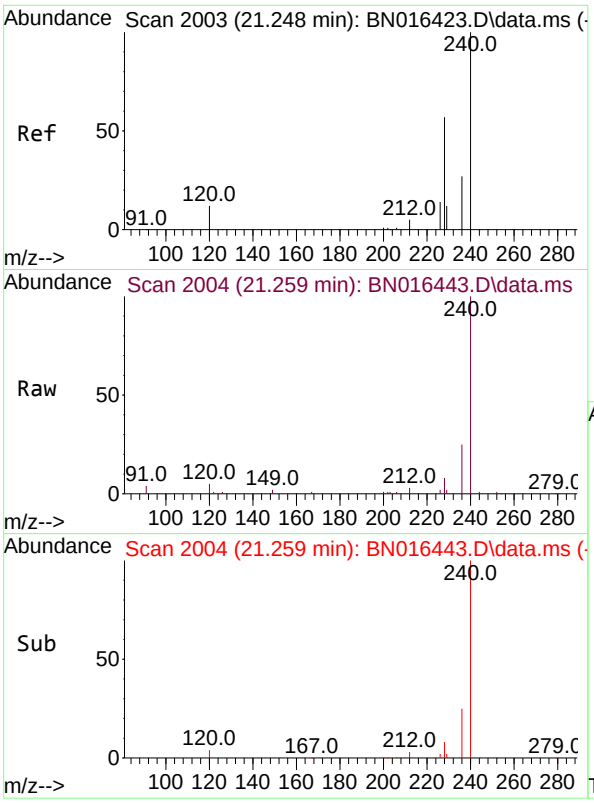


#28
Fluoranthene
Concen: 0.454 ng
RT: 19.117 min Scan# 1707
Delta R.T. -0.005 min
Lab File: BN016443.D
Acq: 24 Sep 2021 18:35

Tgt Ion:202 Resp: 149787

Ion	Ratio	Lower	Upper
202	100		
101	9.8	8.5	12.7
203	17.5	13.8	20.8

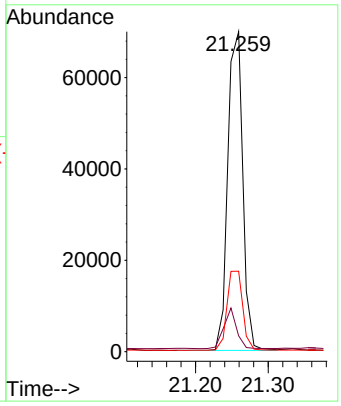




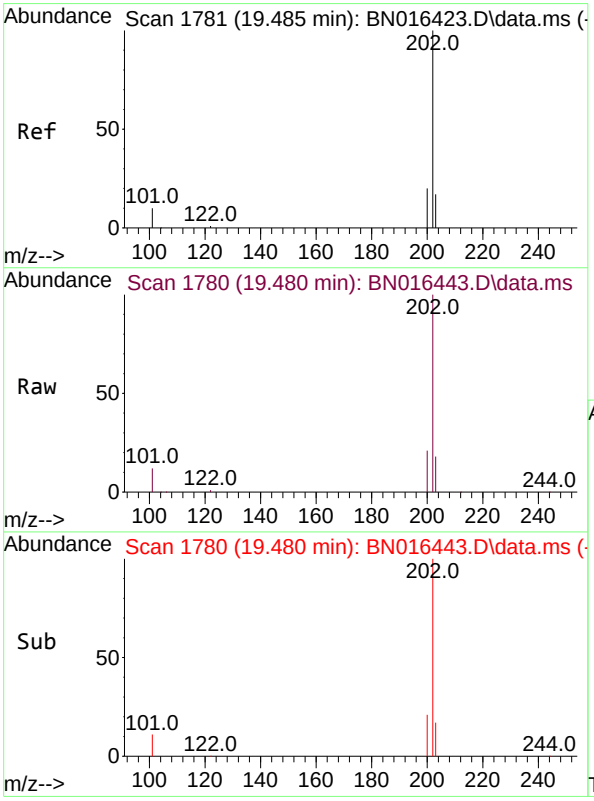
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.259 min Scan# 2004
Delta R.T. 0.011 min
Lab File: BN016443.D
Acq: 24 Sep 2021 18:35

Tgt Ion:240 Resp: 100075

Ion	Ratio	Lower	Upper
240	100		
120	5.0	5.3	7.9#
236	25.1	19.8	29.8



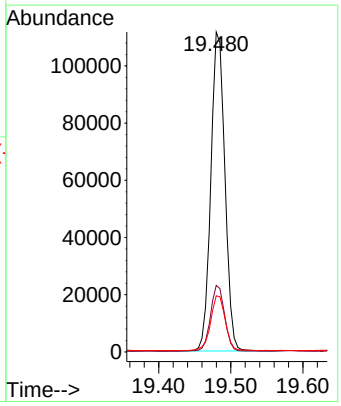
Instrument :
BNA_N
ClientSampleId :

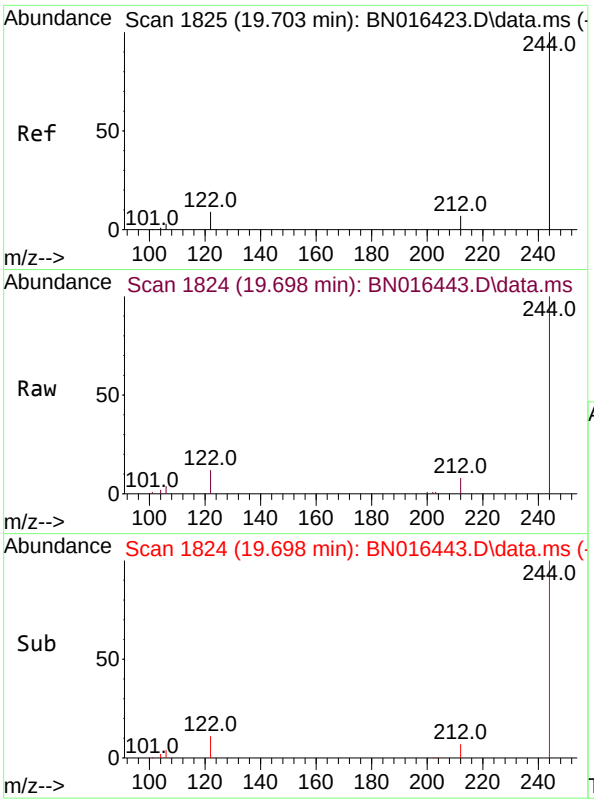


#30
Pyrene
Concen: 0.481 ng
RT: 19.480 min Scan# 1780
Delta R.T. -0.005 min
Lab File: BN016443.D
Acq: 24 Sep 2021 18:35

Tgt Ion:202 Resp: 150815

Ion	Ratio	Lower	Upper
202	100		
200	20.7	15.8	23.6
203	18.0	13.9	20.9

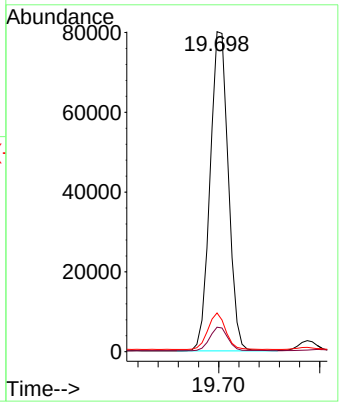


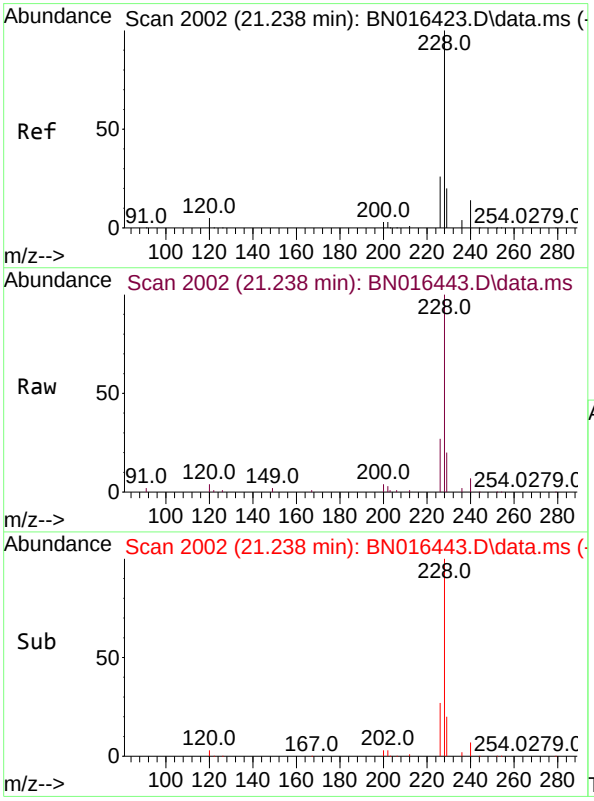


#31
Terphenyl-d14
Concen: 0.432 ng
RT: 19.698 min Scan# 1824
Delta R.T. -0.005 min
Lab File: BN016443.D
Acq: 24 Sep 2021 18:35

Tgt Ion:244 Resp: 100413

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.5	8.3
122	12.1	9.0	13.4

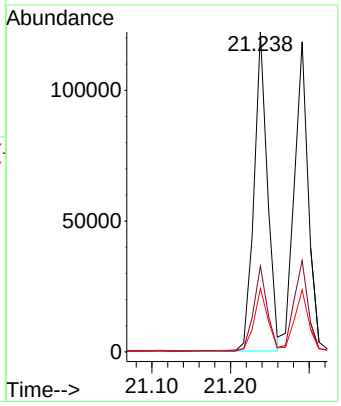




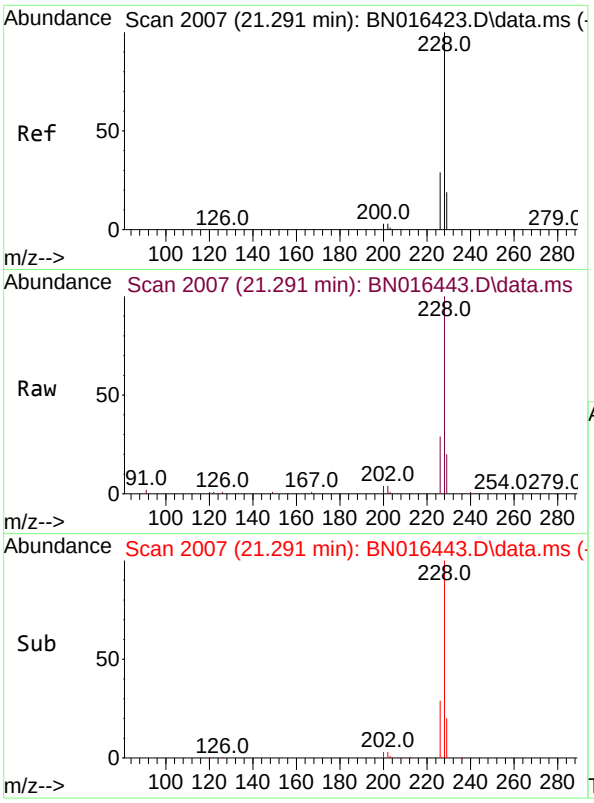
#32
Benzo(a)anthracene
Concen: 0.500 ng
RT: 21.238 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BN016443.D
Acq: 24 Sep 2021 18:35

Tgt Ion:228 Resp: 145157

Ion	Ratio	Lower	Upper
228	100		
226	26.8	20.8	31.2
229	19.9	15.8	23.6



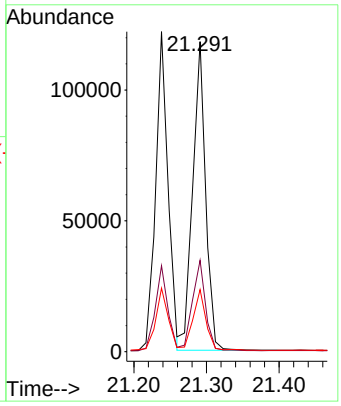
Instrument :
BNA_N
ClientSampleId :



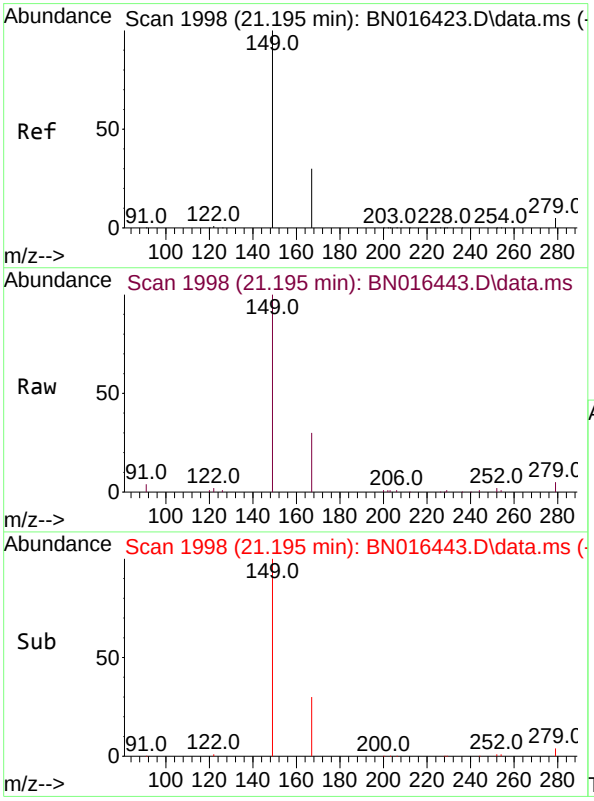
#33
Chrysene
Concen: 0.468 ng
RT: 21.291 min Scan# 2007
Delta R.T. 0.000 min
Lab File: BN016443.D
Acq: 24 Sep 2021 18:35

Tgt Ion:228 Resp: 145957

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.0	34.4
229	20.0	15.6	23.4



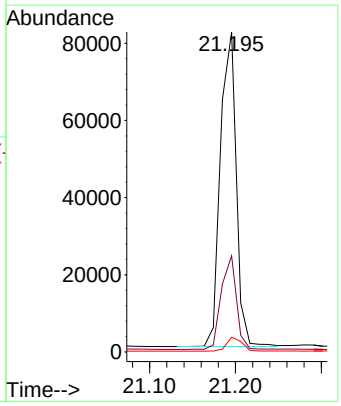
Instrument :
BNA_N
ClientSampleId :

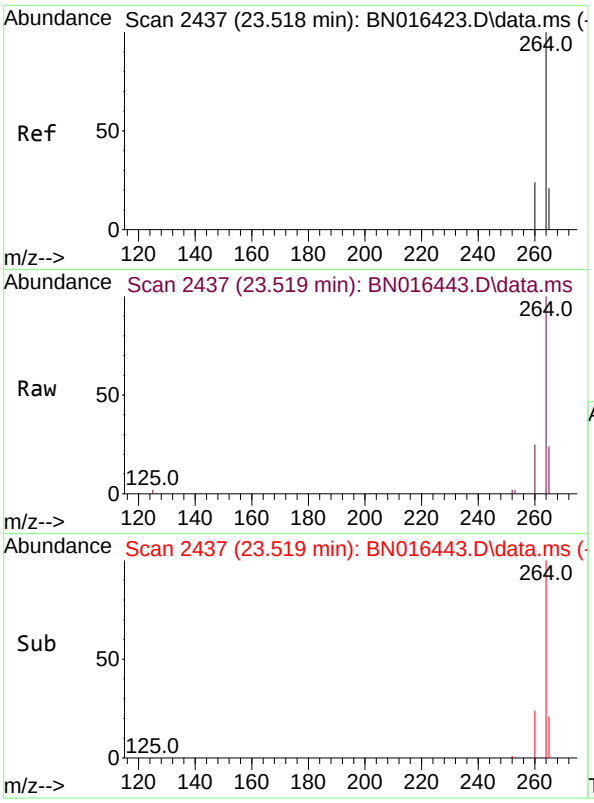


#34
Bis(2-ethylhexyl)phthalate
Concen: 1.323 ng
RT: 21.195 min Scan# 1998
Delta R.T. 0.000 min
Lab File: BN016443.D
Acq: 24 Sep 2021 18:35

Tgt Ion:149 Resp: 104639

Ion	Ratio	Lower	Upper
149	100		
167	28.3	23.4	35.0
279	4.2	3.9	5.9

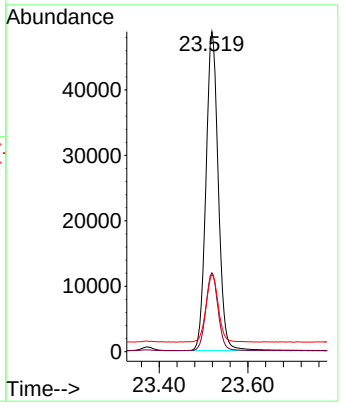




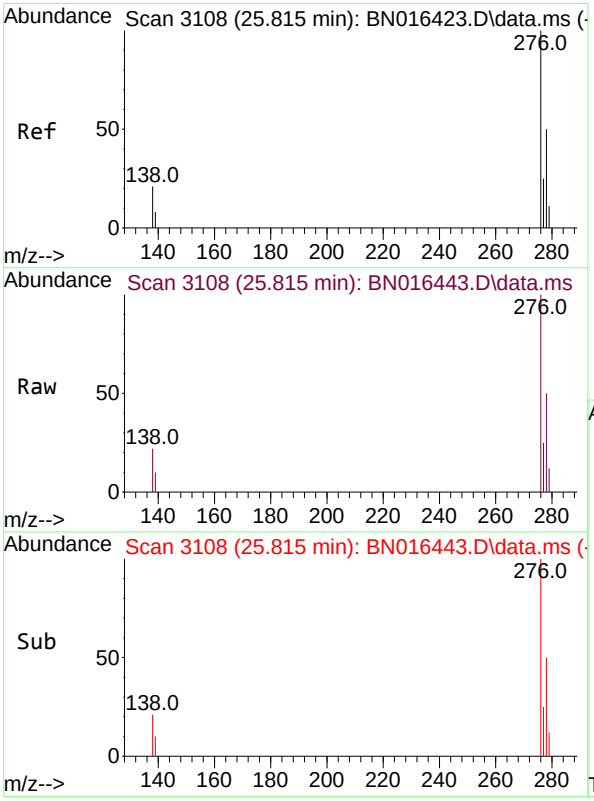
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.519 min Scan# 2437
Delta R.T. 0.000 min
Lab File: BN016443.D
Acq: 24 Sep 2021 18:35

Tgt Ion:264 Resp: 93643

Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.9	28.3
265	24.2	23.7	35.5



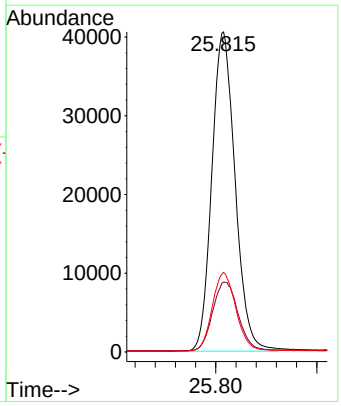
Instrument :
BNA_N
ClientSampleId :

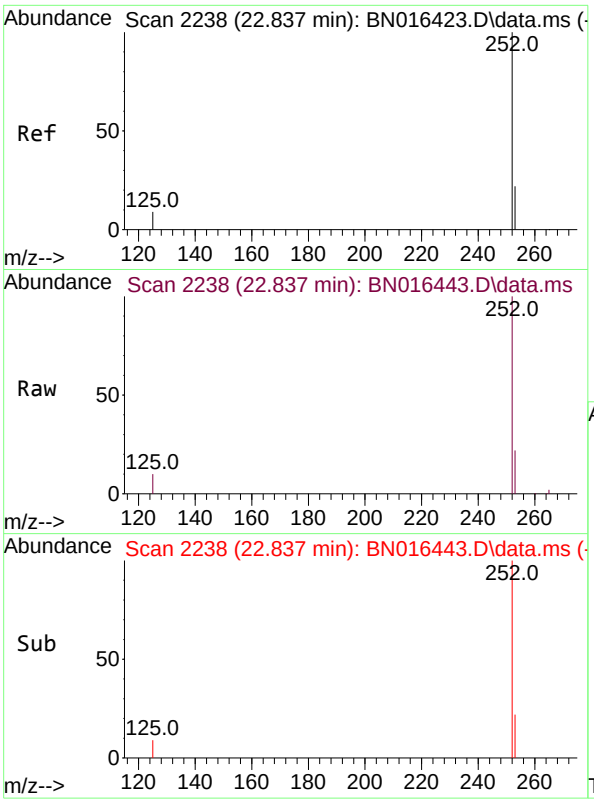


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.427 ng
RT: 25.815 min Scan# 3108
Delta R.T. 0.000 min
Lab File: BN016443.D
Acq: 24 Sep 2021 18:35

Tgt Ion:276 Resp: 129620

Ion	Ratio	Lower	Upper
276	100		
138	23.5	19.3	28.9
277	25.1	20.2	30.2

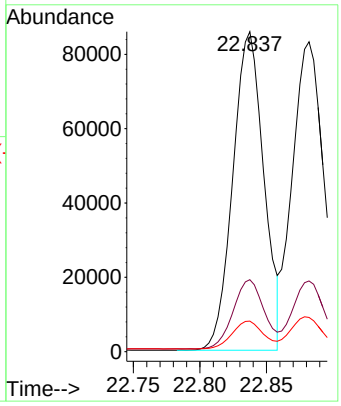


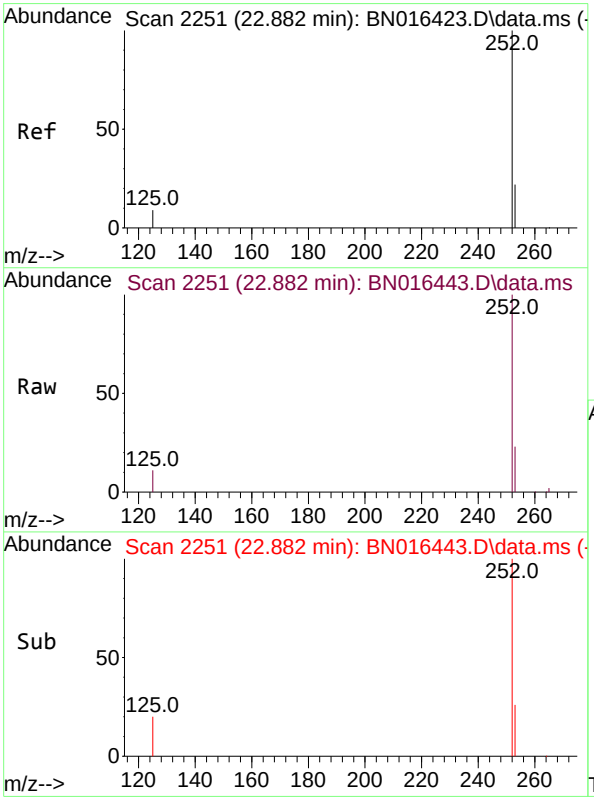


#37
Benzo(b)fluoranthene
Concen: 0.443 ng
RT: 22.837 min Scan# 2238
Delta R.T. 0.000 min
Lab File: BN016443.D
Acq: 24 Sep 2021 18:35

Tgt Ion:252 Resp: 138534

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.2
125	9.5	8.4	12.6

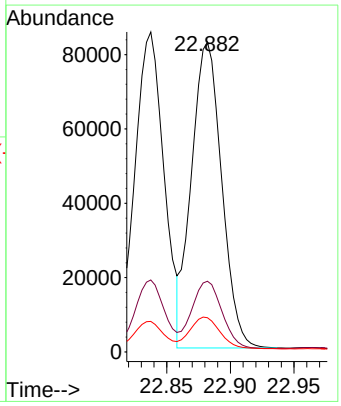




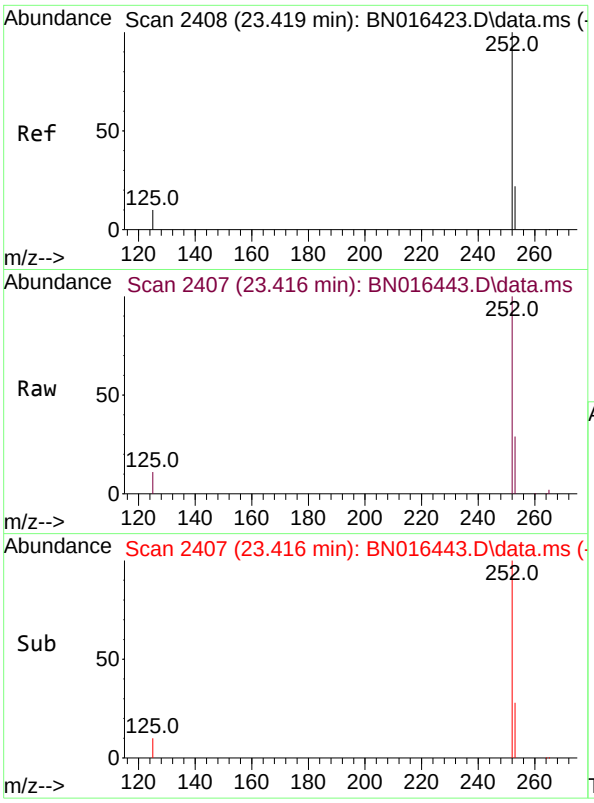
#38
Benzo(k)fluoranthene
Concen: 0.449 ng
RT: 22.882 min Scan# 2251
Delta R.T. 0.000 min
Lab File: BN016443.D
Acq: 24 Sep 2021 18:35

Tgt Ion:252 Resp: 135907

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.2
125	11.1	8.2	12.4



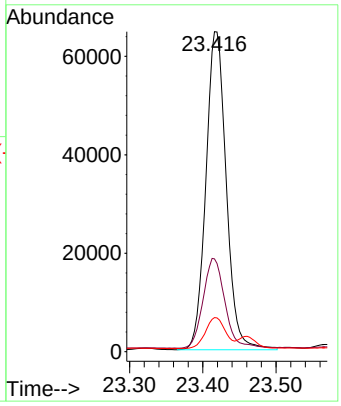
Instrument :
BNA_N
ClientSampleId :



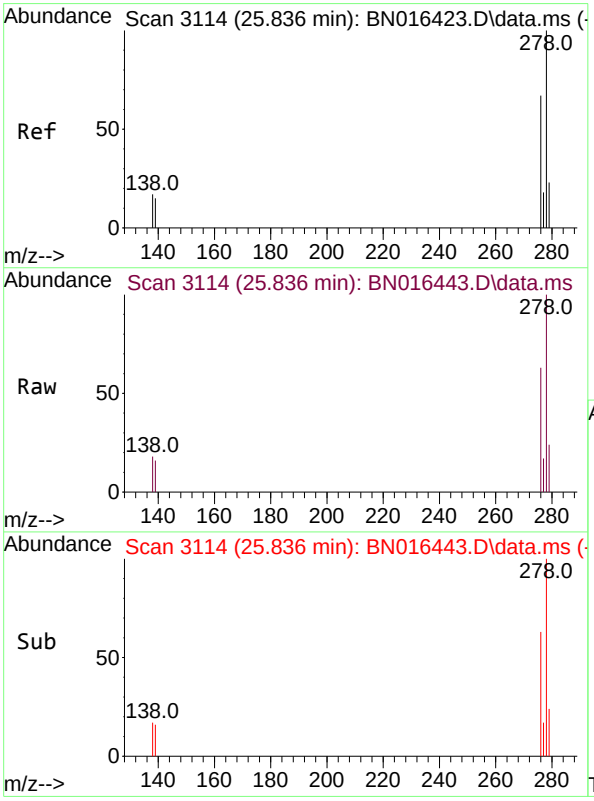
#39
Benzo(a)pyrene
Concen: 0.489 ng
RT: 23.416 min Scan# 2407
Delta R.T. -0.003 min
Lab File: BN016443.D
Acq: 24 Sep 2021 18:35

Tgt Ion:252 Resp: 124744

Ion	Ratio	Lower	Upper
252	100		
253	29.0	18.7	28.1#
125	10.7	9.9	14.9



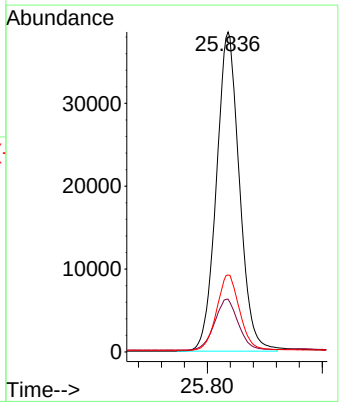
Instrument :
BNA_N
ClientSampleId :

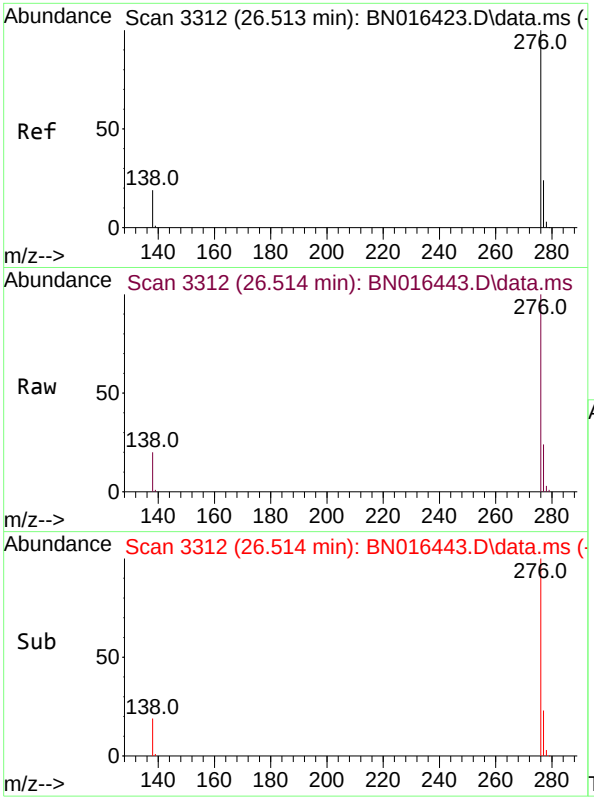


#40
Dibenzo(a,h)anthracene
Concen: 0.415 ng
RT: 25.836 min Scan# 3114
Delta R.T. 0.000 min
Lab File: BN016443.D
Acq: 24 Sep 2021 18:35

Tgt Ion:278 Resp: 107139

Ion	Ratio	Lower	Upper
278	100		
139	16.5	14.2	21.2
279	24.1	21.3	31.9

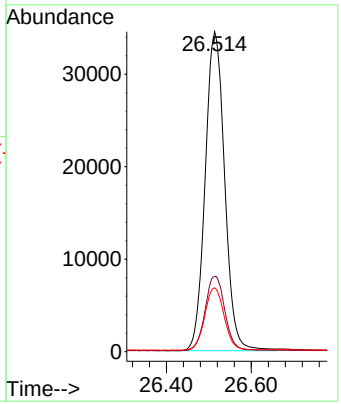




#41
Benzo(g,h,i)perylene
Concen: 0.414 ng
RT: 26.514 min Scan# 3312
Delta R.T. 0.000 min
Lab File: BN016443.D
Acq: 24 Sep 2021 18:35

Tgt Ion:276 Resp: 109923

Ion	Ratio	Lower	Upper
276	100		
277	23.6	20.5	30.7
138	20.0	18.2	27.4



Instrument :
BNA_N
ClientSampleId :