Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092421\
Data File : BN016450.D
Acq On : 25 Sep 2021 00:02
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Sep 25 05:06:25 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 24 03:35:41 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.670	152	23318	0.400	ng		0.00
7) Naphthalene-d8	10.432	136	99922	0.400	ng		#-0.01
13) Acenaphthene-d10	14.294	164	51993	0.400	ng		0.00
19) Phenanthrene-d10	17.042	188	101300	0.400	ng		0.00
29) Chrysene-d12	21.249	240	100221	0.400	ng		0.00
35) Perylene-d12	23.512	264	91236	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.291	112	18881	0.361	ng		0.00
5) Phenol-d6	6.849	99	22348	0.362	ng		0.00
8) Nitrobenzene-d5	8.810	82	26840	0.380	ng		0.00
11) 2-Methylnaphthalene-d10	12.029	152	55916	0.378	ng		0.00
14) 2,4,6-Tribromophenol	15.791	330	4979	0.382	ng		0.00
15) 2-Fluorobiphenyl	12.911	172	80414	0.368	ng		-0.01
27) Fluoranthene-d10	19.088	212	100469	0.361	ng		0.00
31) Terphenyl-d14	19.698	244	89351	0.383	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.281	88	3668	0.367	ng	#	84
3) n-Nitrosodimethylamine	3.631	42	9711	0.404	ng	#	70
6) bis(2-Chloroethyl)ether	7.108	93	25136	0.402	ng		93
9) Naphthalene	10.483	128	99817	0.375	ng		99
10) Hexachlorobutadiene	10.774	225	20667	0.390	ng	#	99
12) 2-Methylnaphthalene	12.105	142	65033	0.385	ng		99
16) Acenaphthylene	14.015	152	78495	0.371	ng		100
17) Acenaphthene	14.358	154	55099	0.367	ng		98
18) Fluorene	15.347	166	67239	0.373	ng		99
20) 4,6-Dinitro-2-methylph...	15.436	198	1830	0.302	ng	#	68
21) 4-Bromophenyl-phenylether	16.251	248	21534	0.364	ng	#	94
22) Hexachlorobenzene	16.348	284	22316	0.381	ng	#	90
23) Atrazine	16.519	200	13537	0.377	ng	#	92
24) Pentachlorophenol	16.701	266	5962	0.442	ng		98
25) Phenanthrene	17.091	178	110997	0.368	ng		99
26) Anthracene	17.176	178	89057	0.355	ng		99
28) Fluoranthene	19.117	202	125048	0.378	ng		99
30) Pyrene	19.480	202	121890	0.388	ng		99
32) Benzo(a)anthracene	21.238	228	109574	0.377	ng		99
33) Chrysene	21.280	228	125678	0.403	ng		97
34) Bis(2-ethylhexyl)phtha...	21.185	149	35905	0.453	ng		97
36) Indeno(1,2,3-cd)pyrene	25.805	276	107933	0.365	ng		100
37) Benzo(b)fluoranthene	22.831	252	110959	0.364	ng		98
38) Benzo(k)fluoranthene	22.875	252	116172	0.394	ng		98
39) Benzo(a)pyrene	23.413	252	91674	0.369	ng	#	96
40) Dibenzo(a,h)anthracene	25.829	278	91175	0.362	ng		97
41) Benzo(g,h,i)perylene	26.507	276	89102	0.345	ng		95

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092421\
Data File : BN016450.D
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Misc :
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Instrument :
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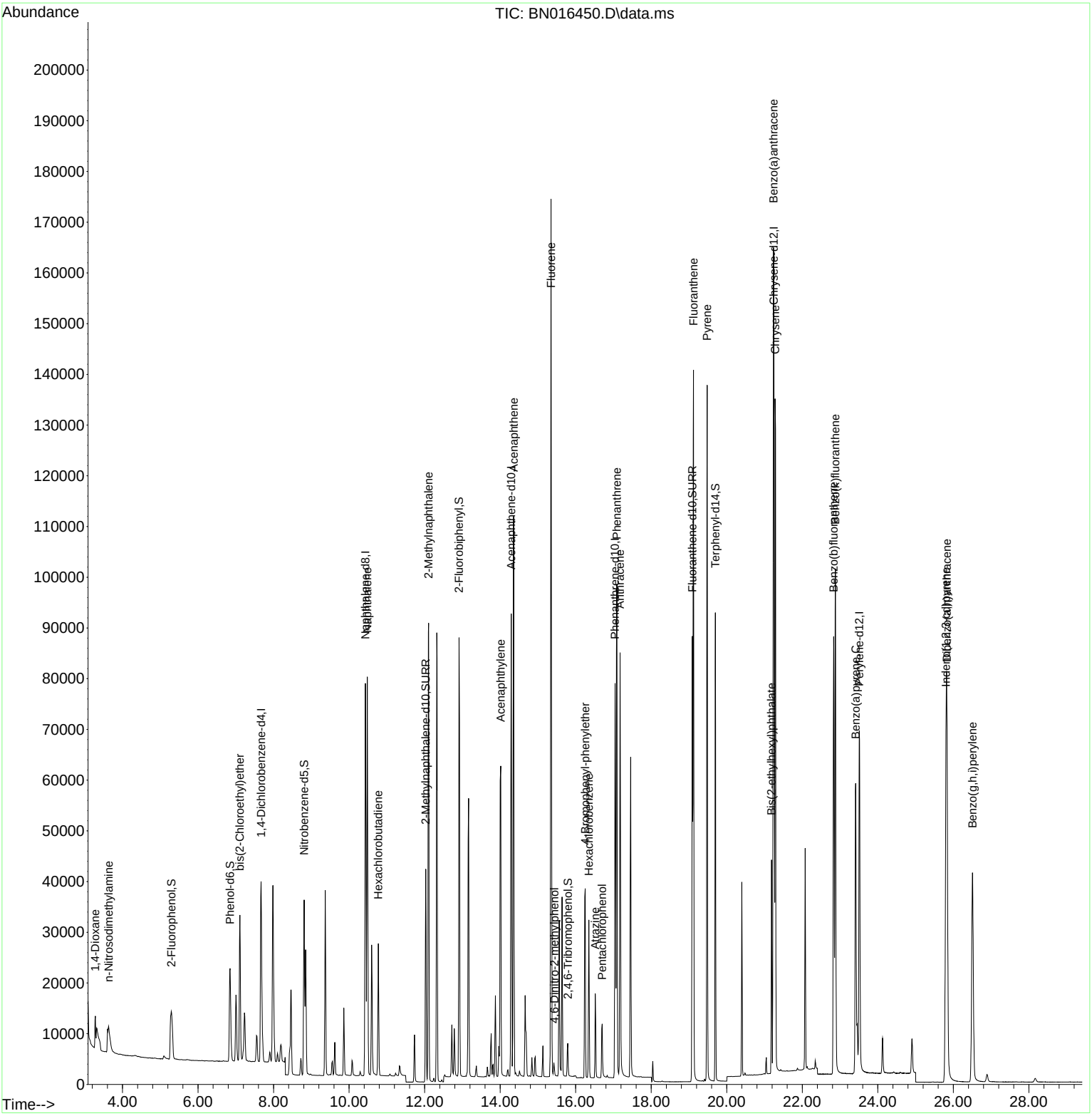
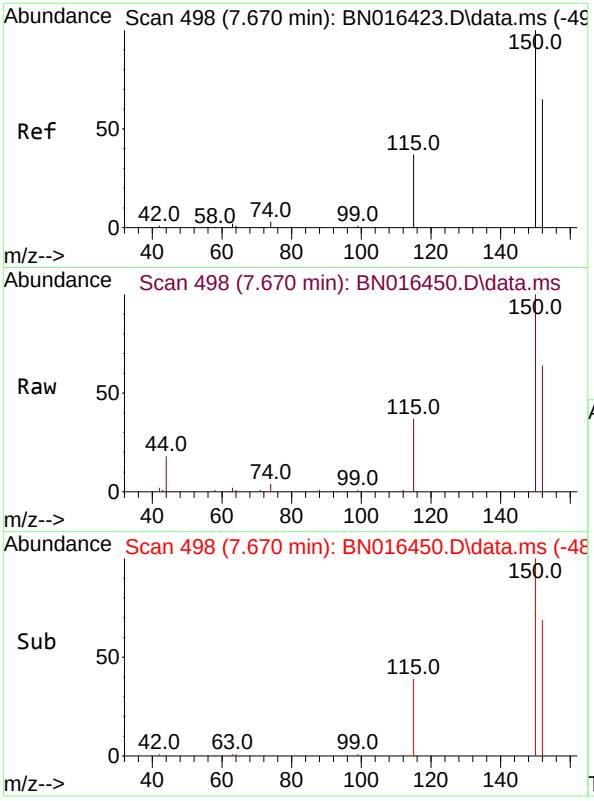
Quant Time: Sep 25 05:06:25 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 24 03:35:41 2021
Response via : Initial Calibration



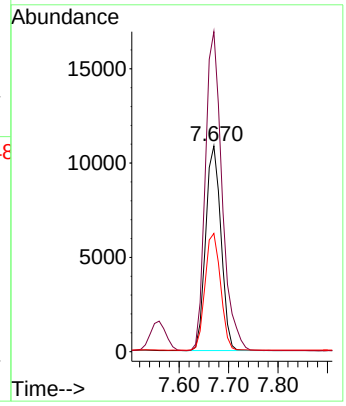
Instrument :
BNA_N
ClientSampleId :

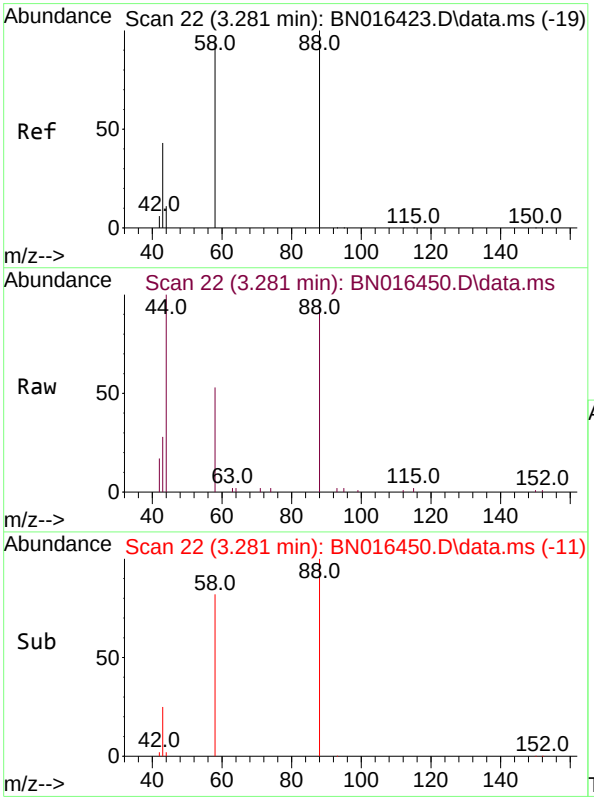


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.670 min Scan# 498
Delta R.T. 0.000 min
Lab File: BN016450.D
Acq: 25 Sep 2021 00:02

Tgt Ion:152 Resp: 23318

Ion	Ratio	Lower	Upper
152	100		
150	155.5	125.6	188.4
115	57.5	50.2	75.2

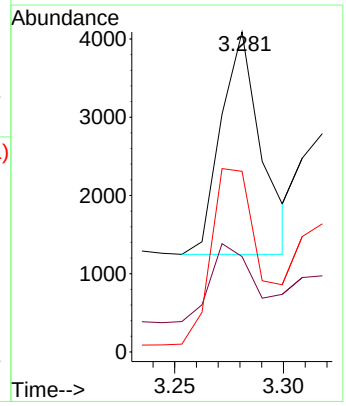




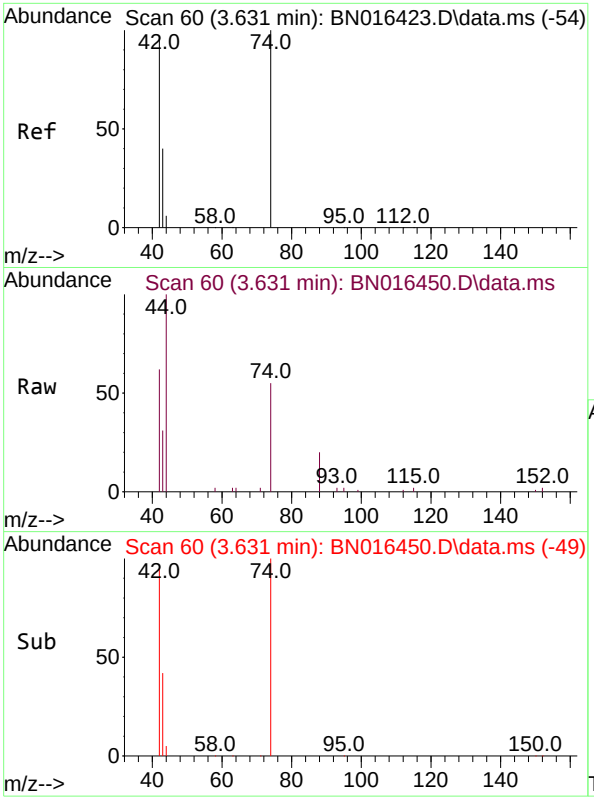
#2
1,4-Dioxane
Concen: 0.367 ng
RT: 3.281 min Scan# 22
Delta R.T. 0.000 min
Lab File: BN016450.D
Acq: 25 Sep 2021 00:02

Tgt Ion: 88 Resp: 3668

Ion	Ratio	Lower	Upper
88	100		
43	41.8	20.3	30.5#
58	98.1	69.9	104.9



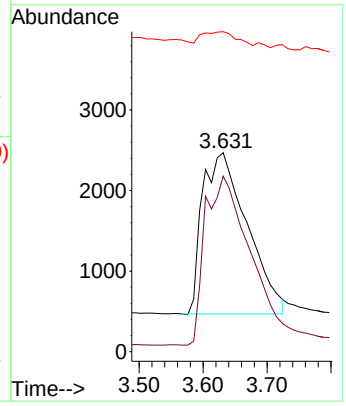
Instrument :
BNA_N
ClientSampleId :

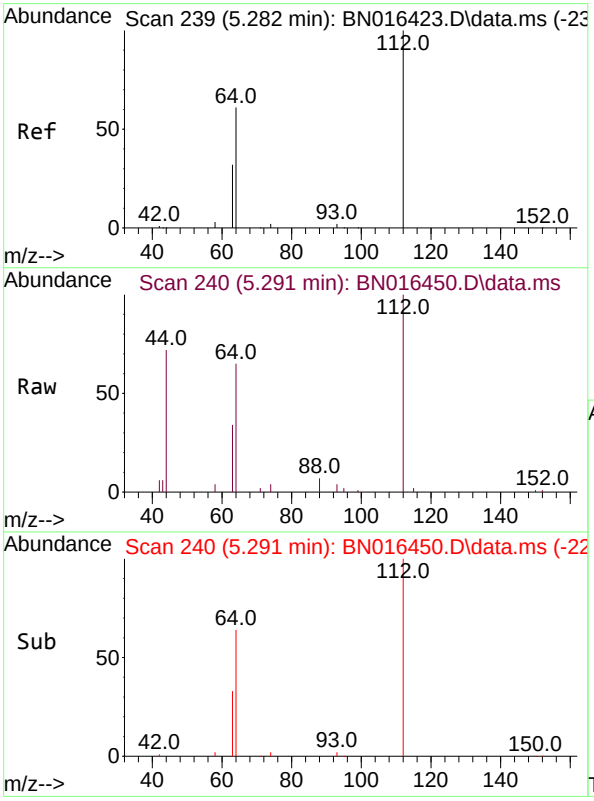


#3
n-Nitrosodimethylamine
Concen: 0.404 ng
RT: 3.631 min Scan# 60
Delta R.T. 0.000 min
Lab File: BN016450.D
Acq: 25 Sep 2021 00:02

Tgt Ion: 42 Resp: 9711

Ion	Ratio	Lower	Upper
42	100		
74	105.2	113.6	170.4#
44	8.4	0.0	0.0#

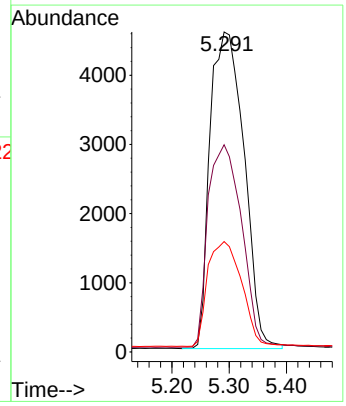




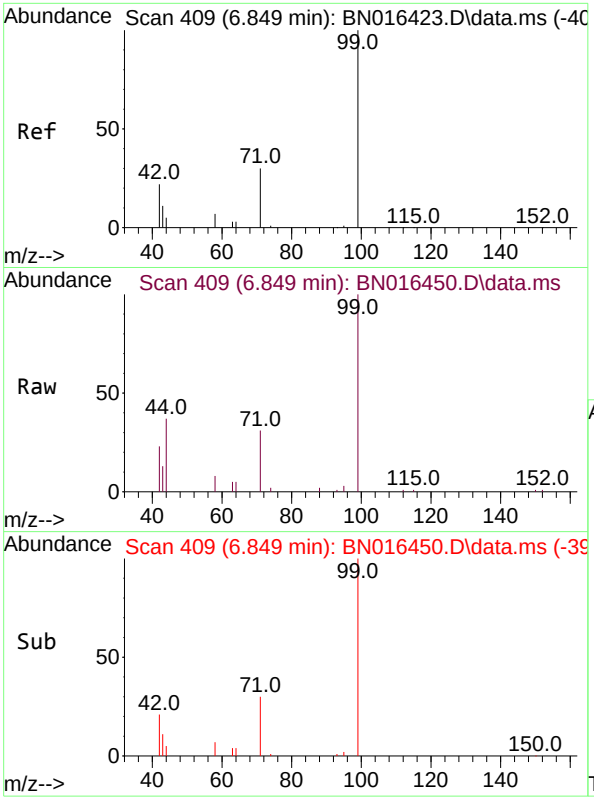
#4
2-Fluorophenol
Concen: 0.361 ng
RT: 5.291 min Scan# 240
Delta R.T. 0.009 min
Lab File: BN016450.D
Acq: 25 Sep 2021 00:02

Tgt Ion:112 Resp: 18881

Ion	Ratio	Lower	Upper
112	100		
64	63.2	47.3	70.9
63	33.0	23.4	35.0



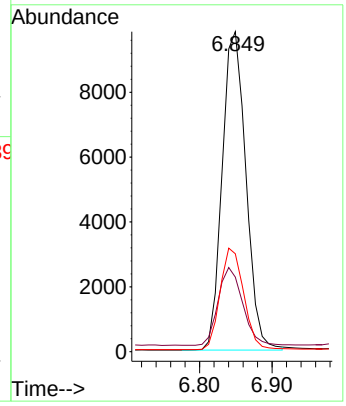
Instrument :
BNA_N
ClientSampleId :

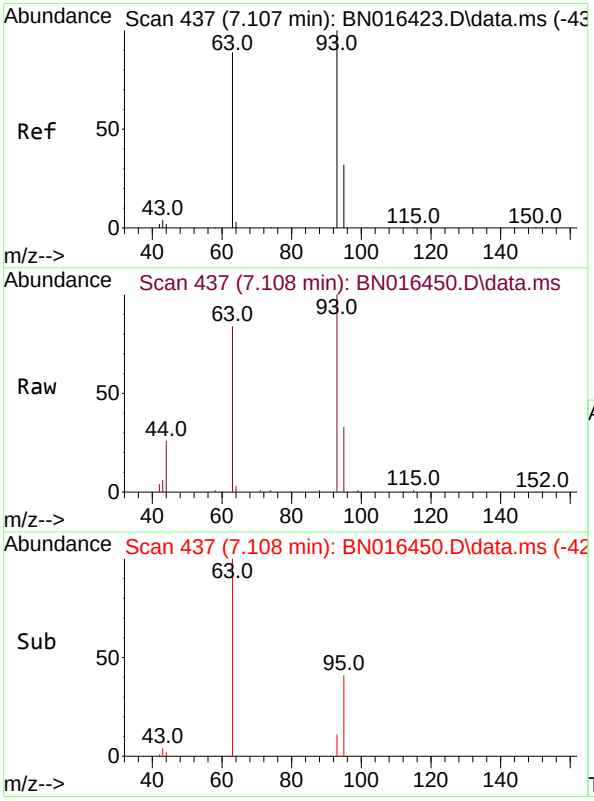


#5
Phenol-d6
Concen: 0.362 ng
RT: 6.849 min Scan# 409
Delta R.T. 0.000 min
Lab File: BN016450.D
Acq: 25 Sep 2021 00:02

Tgt Ion: 99 Resp: 22348

Ion	Ratio	Lower	Upper
99	100		
42	25.1	14.0	21.0#
71	31.7	23.8	35.6

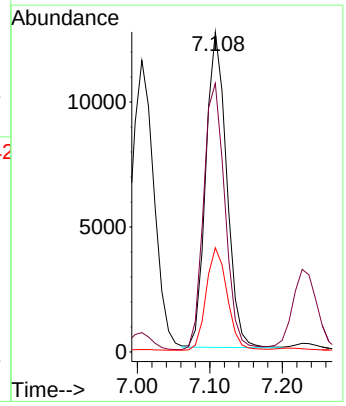


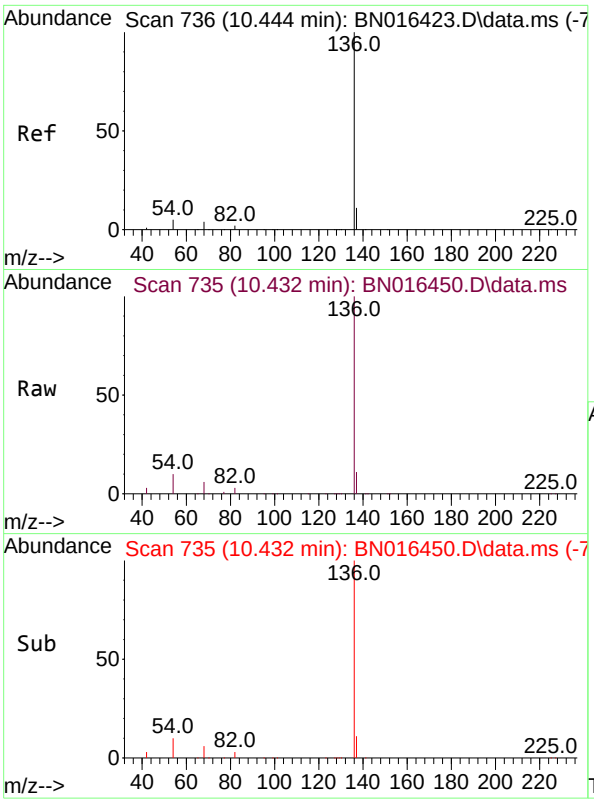


#6
bis(2-Chloroethyl)ether
Concen: 0.402 ng
RT: 7.108 min Scan# 437
Delta R.T. 0.000 min
Lab File: BN016450.D
Acq: 25 Sep 2021 00:02

Tgt Ion: 93 Resp: 25136

Ion	Ratio	Lower	Upper
93	100		
63	87.3	63.4	95.0
95	32.9	26.8	40.2

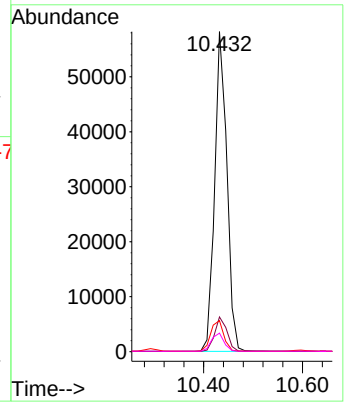


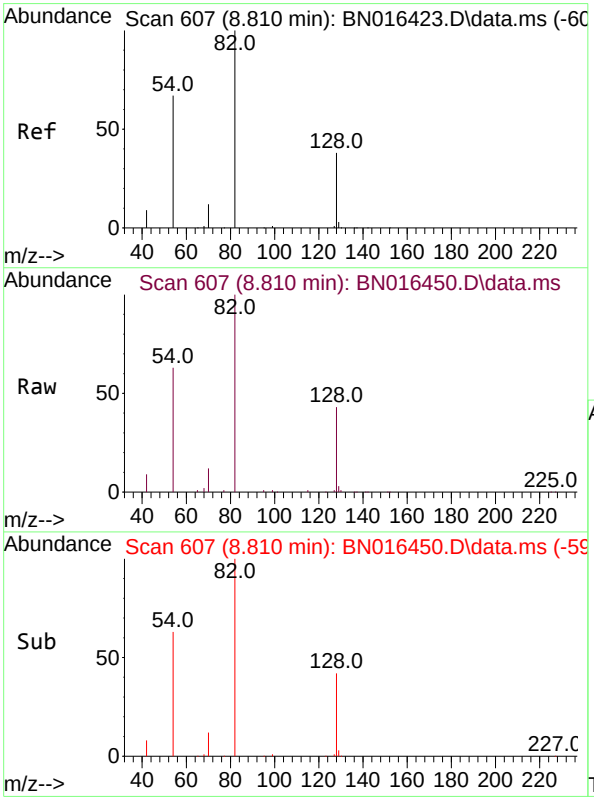


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.432 min Scan# 735
Delta R.T. -0.012 min
Lab File: BN016450.D
Acq: 25 Sep 2021 00:02

Tgt Ion:136 Resp: 99922

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

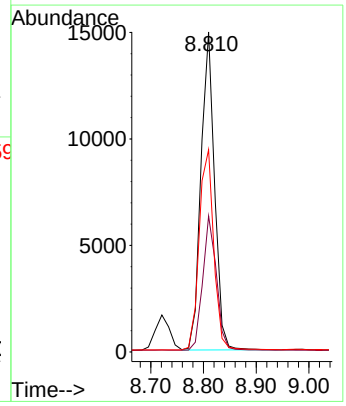




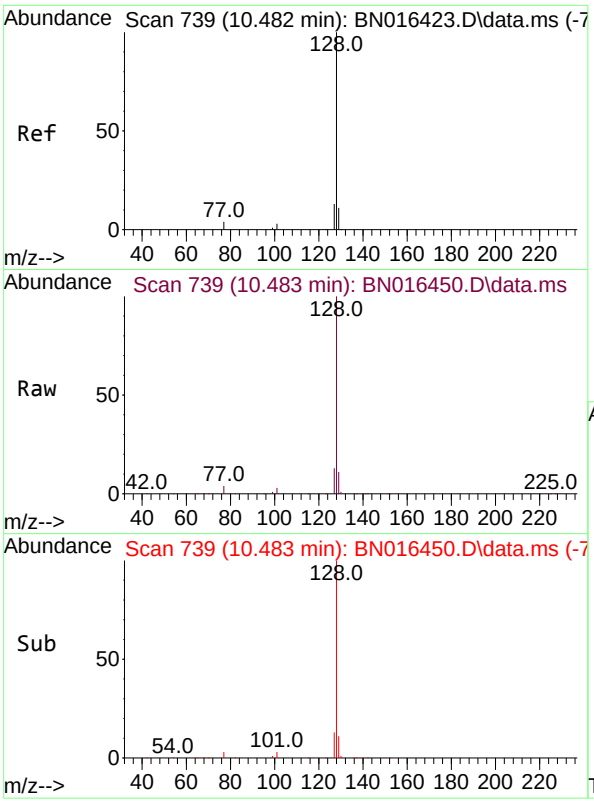
#8
Nitrobenzene-d5
Concen: 0.380 ng
RT: 8.810 min Scan# 607
Delta R.T. 0.000 min
Lab File: BN016450.D
Acq: 25 Sep 2021 00:02

Tgt Ion: 82 Resp: 26840

Ion	Ratio	Lower	Upper
82	100		
128	42.5	31.7	47.5
54	63.2	46.4	69.6



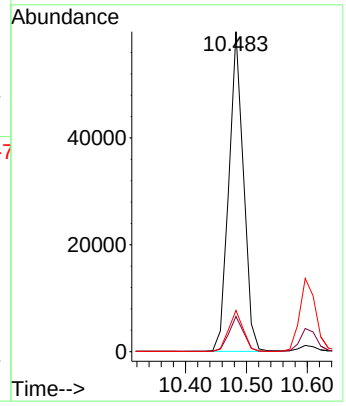
Instrument :
BNA_N
ClientSampleId :



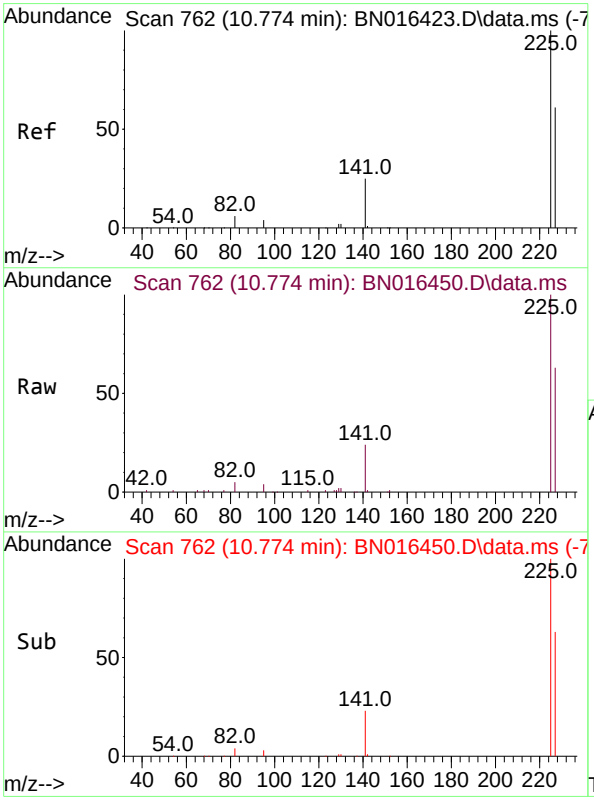
#9
Naphthalene
Concen: 0.375 ng
RT: 10.483 min Scan# 739
Delta R.T. 0.000 min
Lab File: BN016450.D
Acq: 25 Sep 2021 00:02

Tgt Ion:128 Resp: 99817

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



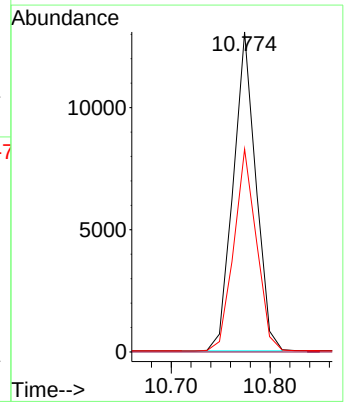
Instrument :
BNA_N
ClientSampleId :

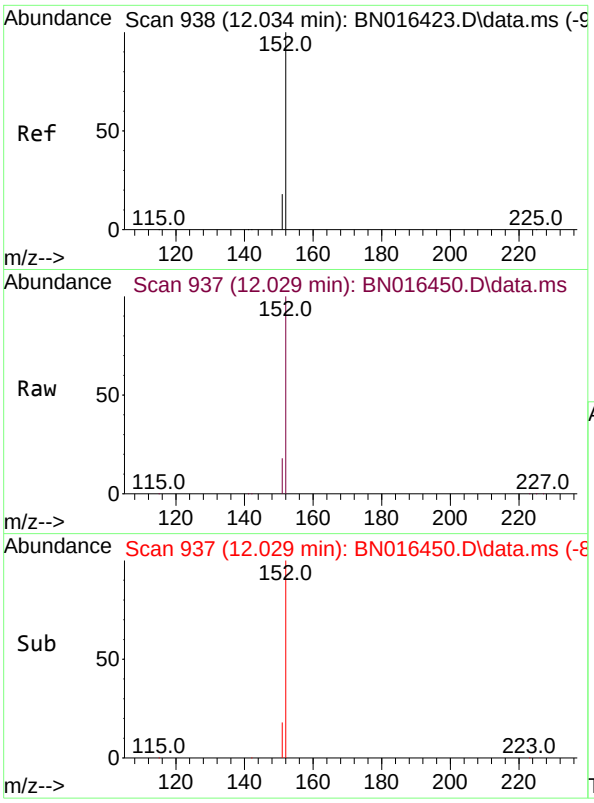


#10
Hexachlorobutadiene
Concen: 0.390 ng
RT: 10.774 min Scan# 762
Delta R.T. 0.000 min
Lab File: BN016450.D
Acq: 25 Sep 2021 00:02

Tgt Ion:225 Resp: 20667

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.4	51.5	77.3

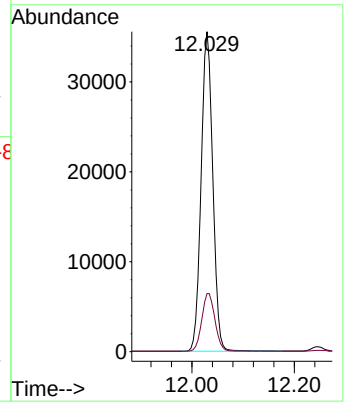




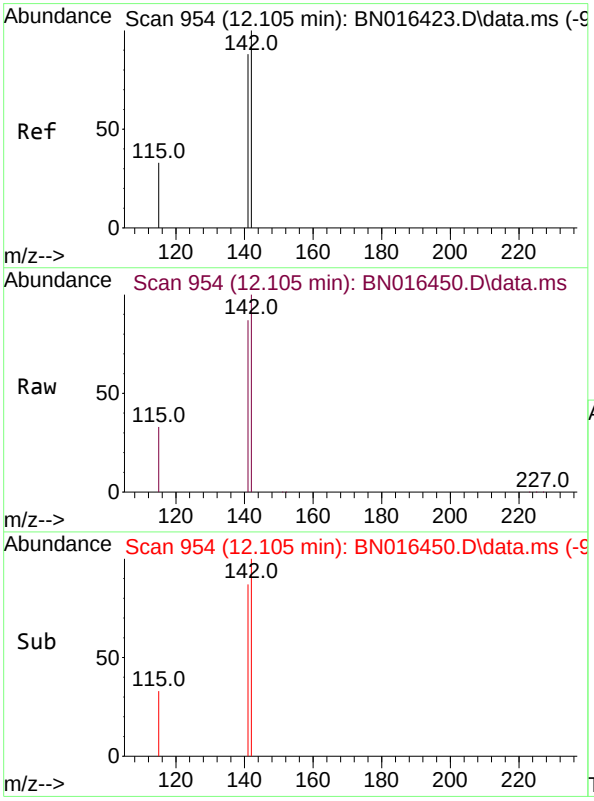
#11
2-Methylnaphthalene-d10
Concen: 0.378 ng
RT: 12.029 min Scan# 937
Delta R.T. -0.004 min
Lab File: BN016450.D
Acq: 25 Sep 2021 00:02

Tgt Ion:152 Resp: 55916

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.1	24.1



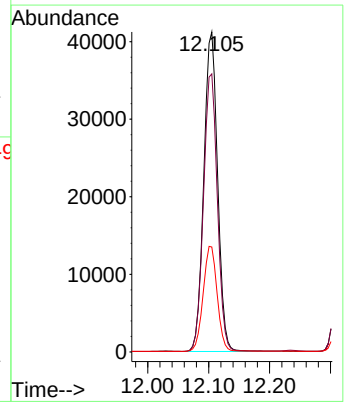
Instrument :
BNA_N
ClientSampleId :



#12
2-Methylnaphthalene
Concen: 0.385 ng
RT: 12.105 min Scan# 954
Delta R.T. 0.000 min
Lab File: BN016450.D
Acq: 25 Sep 2021 00:02

Tgt Ion:142 Resp: 65033

Ion	Ratio	Lower	Upper
142	100		
141	86.9	69.8	104.8
115	32.8	24.4	36.6



Instrument :
BNA_N
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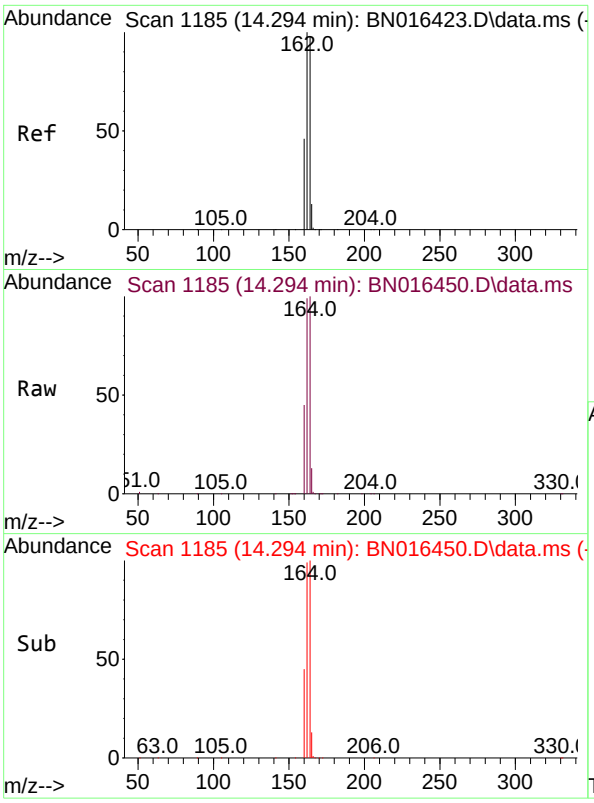
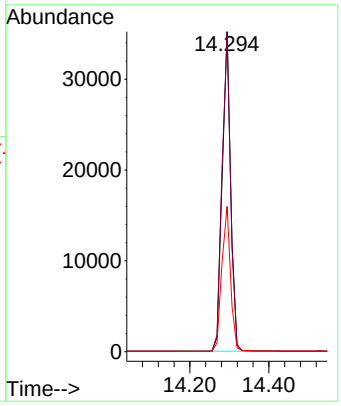
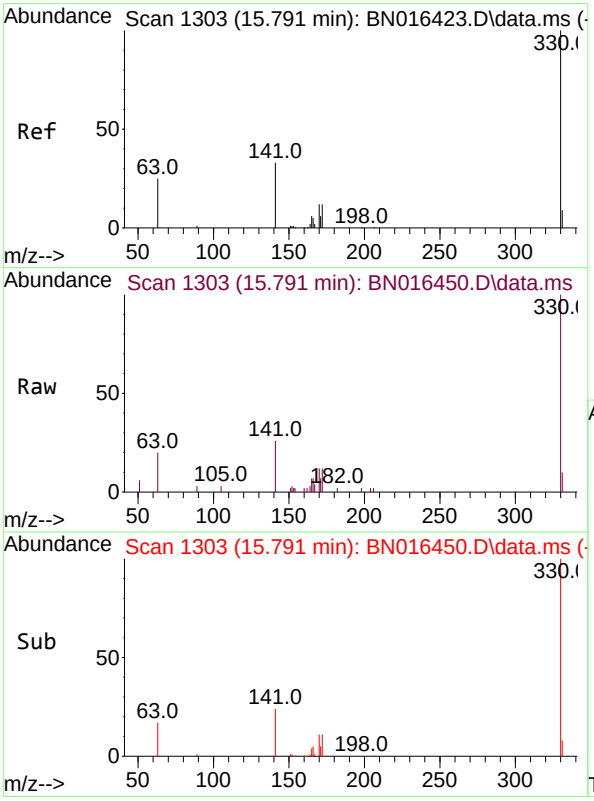


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.294 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BN016450.D
Acq: 25 Sep 2021 00:02

Tgt Ion:164 Resp: 51993

Ion	Ratio	Lower	Upper
164	100		
162	99.4	79.0	118.4
160	45.4	34.1	51.1

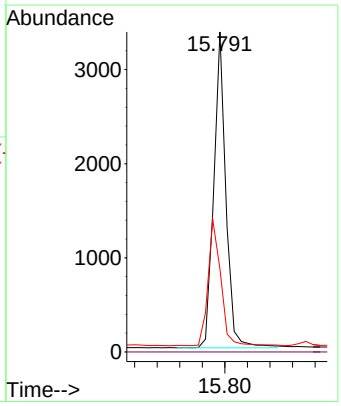


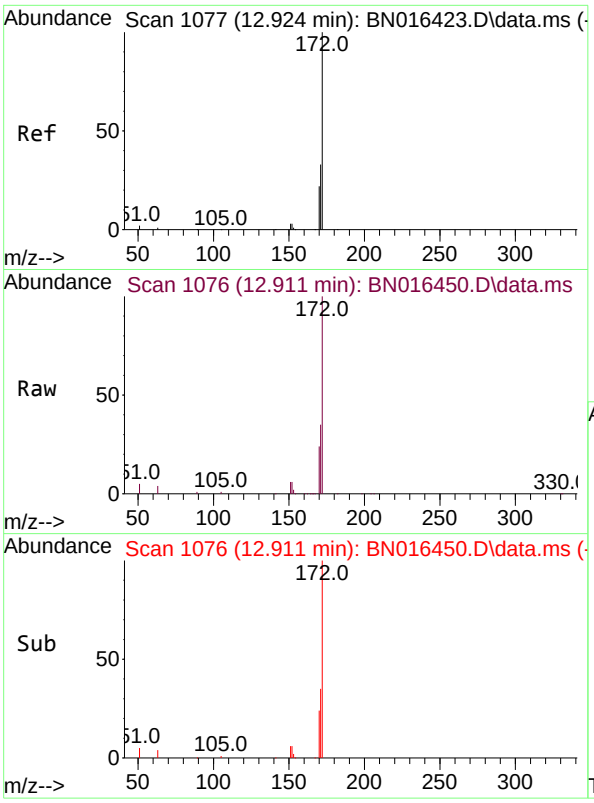


#14
2,4,6-Tribromophenol
Concen: 0.382 ng
RT: 15.791 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BN016450.D
Acq: 25 Sep 2021 00:02

Tgt Ion:330 Resp: 4979

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	41.7	25.0	37.4#

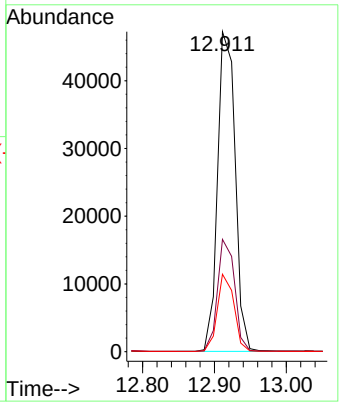




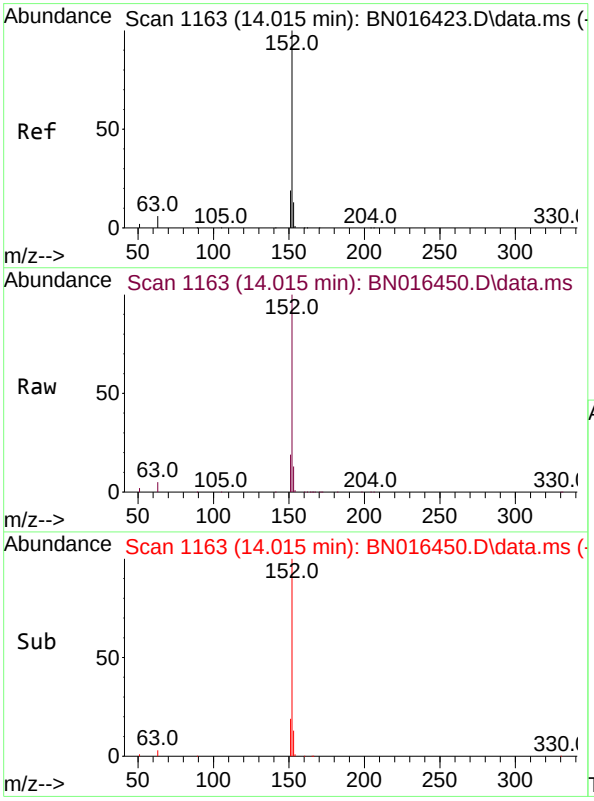
#15
2-Fluorobiphenyl
Concen: 0.368 ng
RT: 12.911 min Scan# 1076
Delta R.T. -0.013 min
Lab File: BN016450.D
Acq: 25 Sep 2021 00:02

Tgt Ion:172 Resp: 80414

Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.8	41.6
170	24.2	18.2	27.2



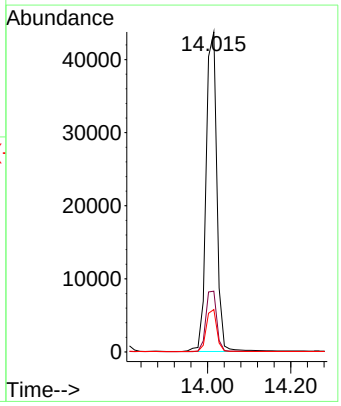
Instrument :
BNA_N
ClientSampleId :

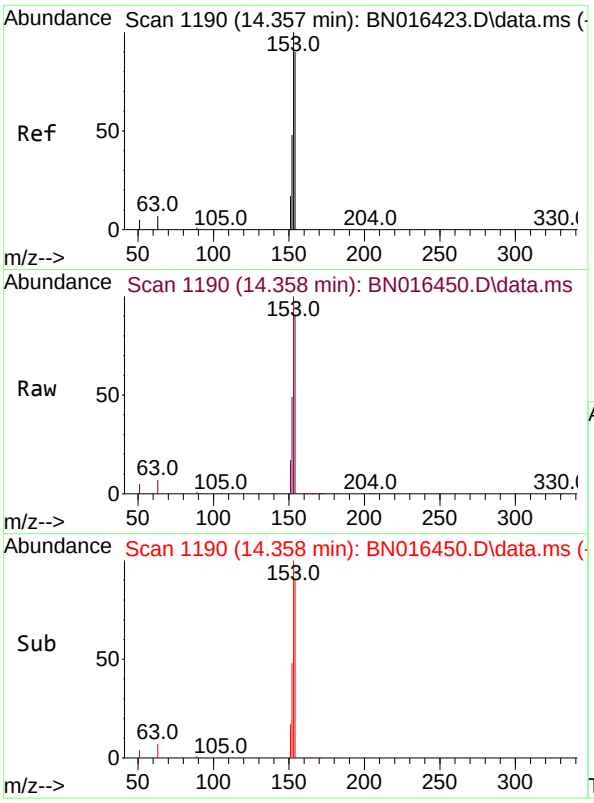


#16
Acenaphthylene
Concen: 0.371 ng
RT: 14.015 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BN016450.D
Acq: 25 Sep 2021 00:02

Tgt Ion:152 Resp: 78495

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.2	22.8
153	13.1	10.5	15.7

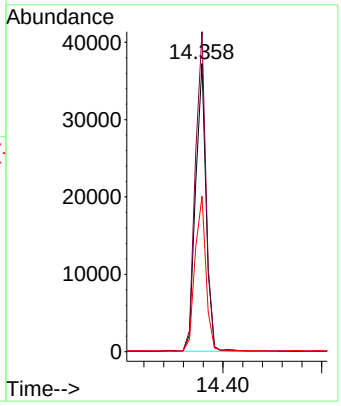




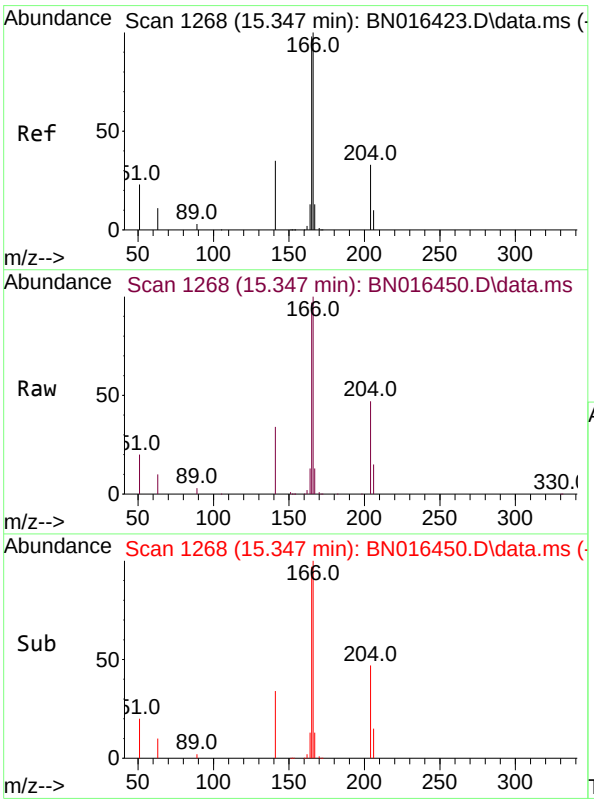
#17
Acenaphthene
Concen: 0.367 ng
RT: 14.358 min Scan# 1190
Delta R.T. 0.000 min
Lab File: BN016450.D
Acq: 25 Sep 2021 00:02

Tgt Ion:154 Resp: 55099

Ion	Ratio	Lower	Upper
154	100		
153	112.5	89.3	133.9
152	56.2	42.2	63.4



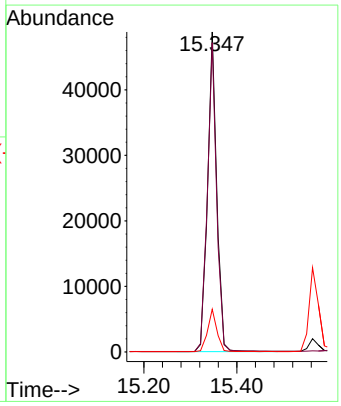
Instrument :
BNA_N
ClientSampleId :

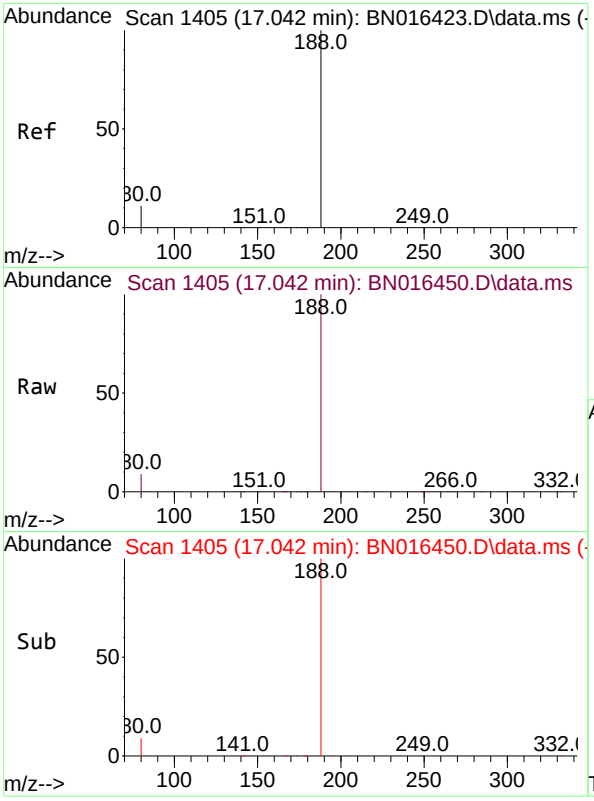


#18
Fluorene
Concen: 0.373 ng
RT: 15.347 min Scan# 1268
Delta R.T. 0.000 min
Lab File: BN016450.D
Acq: 25 Sep 2021 00:02

Tgt Ion:166 Resp: 67239

Ion	Ratio	Lower	Upper
166	100		
165	97.4	76.7	115.1
167	13.4	10.9	16.3

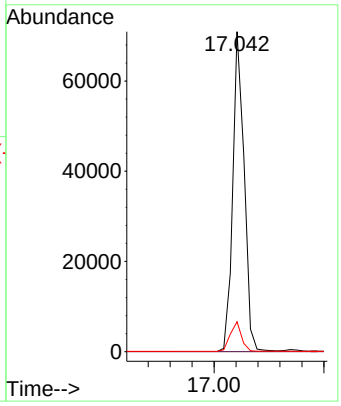




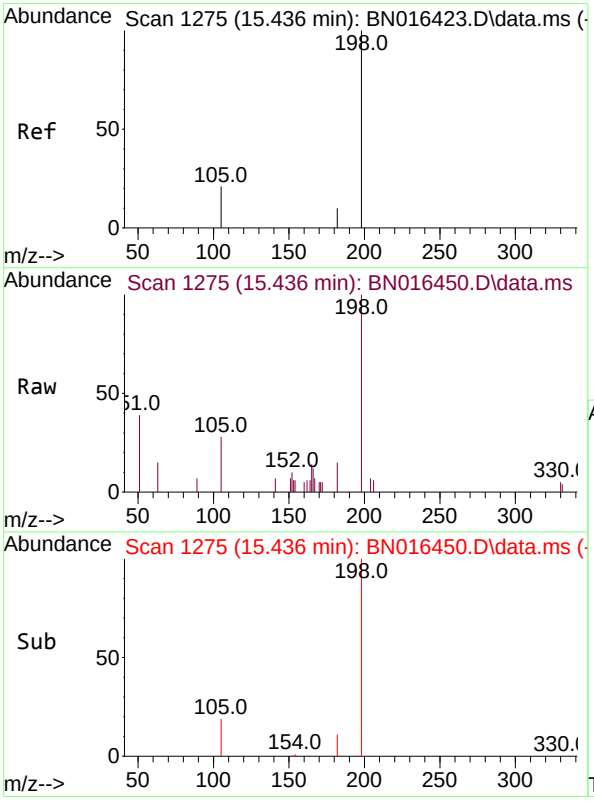
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.042 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BN016450.D
Acq: 25 Sep 2021 00:02

Tgt Ion:188 Resp: 101300

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.4	7.0	10.6



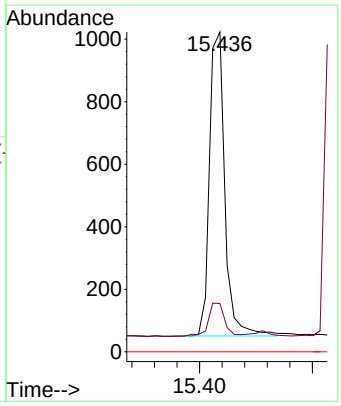
Instrument :
BNA_N
ClientSampleId :



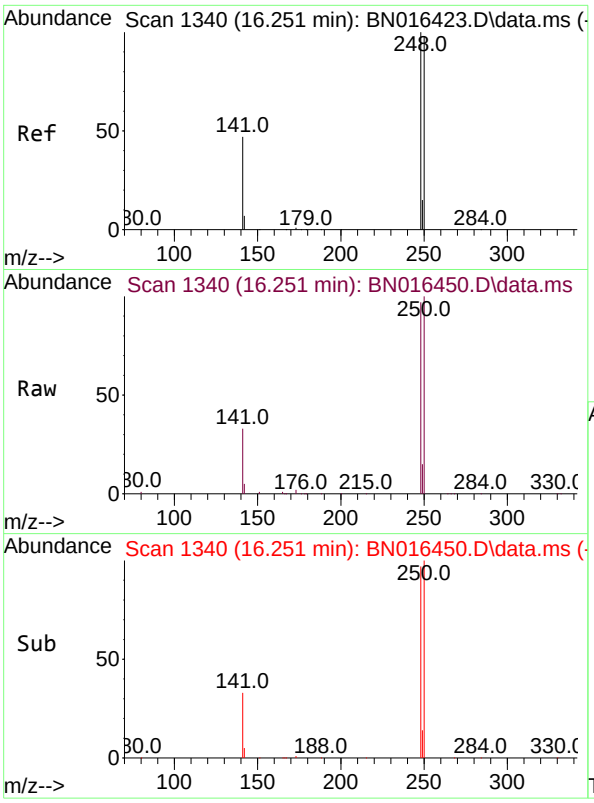
#20
4,6-Dinitro-2-methylphenol
Concen: 0.302 ng
RT: 15.436 min Scan# 1275
Delta R.T. -0.000 min
Lab File: BN016450.D
Acq: 25 Sep 2021 00:02

Tgt Ion:198 Resp: 1830

Ion	Ratio	Lower	Upper
198	100		
182	15.2	26.6	39.8#
77	0.0	0.0	0.0



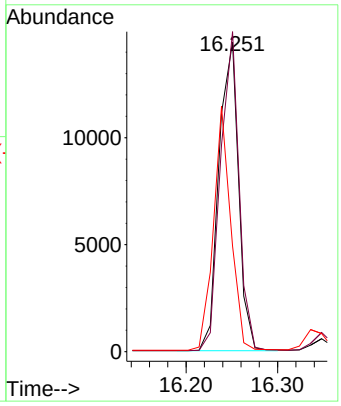
Instrument :
BNA_N
ClientSampleId :

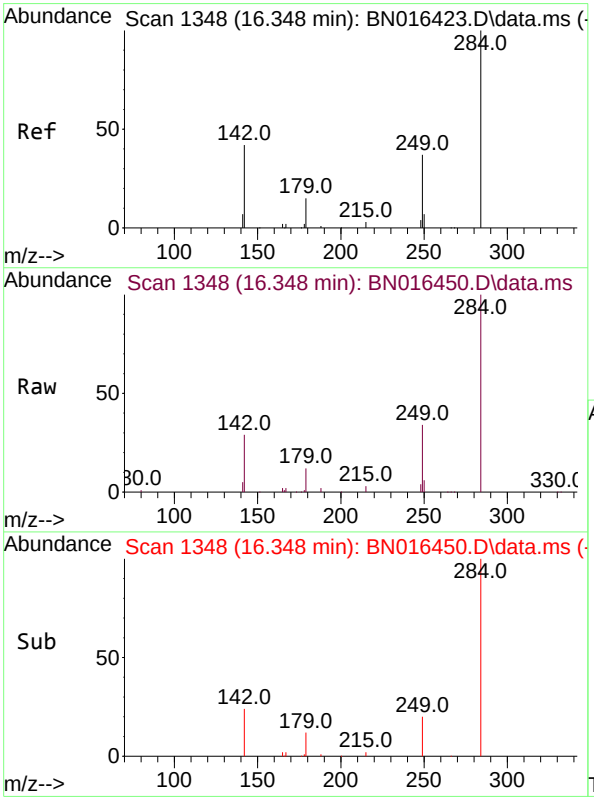


#21
4-Bromophenyl-phenylether
Concen: 0.364 ng
RT: 16.251 min Scan# 1340
Delta R.T. 0.000 min
Lab File: BN016450.D
Acq: 25 Sep 2021 00:02

Tgt Ion:248 Resp: 21534

Ion	Ratio	Lower	Upper
248	100		
250	103.4	80.5	120.7
141	34.1	34.8	52.2#

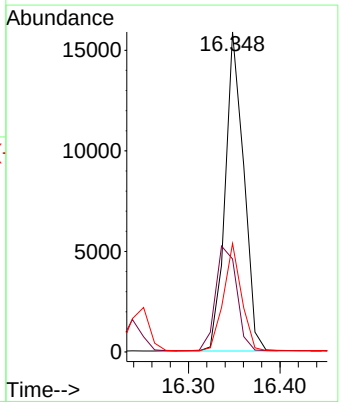


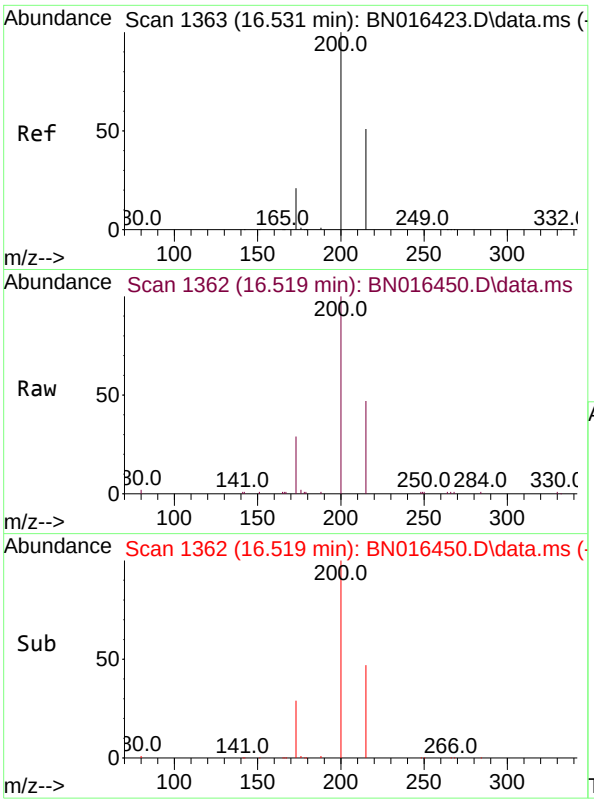


#22
Hexachlorobenzene
Concen: 0.381 ng
RT: 16.348 min Scan# 1348
Delta R.T. 0.000 min
Lab File: BN016450.D
Acq: 25 Sep 2021 00:02

Tgt Ion:284 Resp: 22316

Ion	Ratio	Lower	Upper
284	100		
142	37.4	22.6	34.0#
249	32.4	24.4	36.6

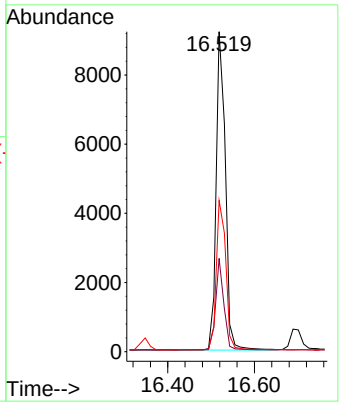




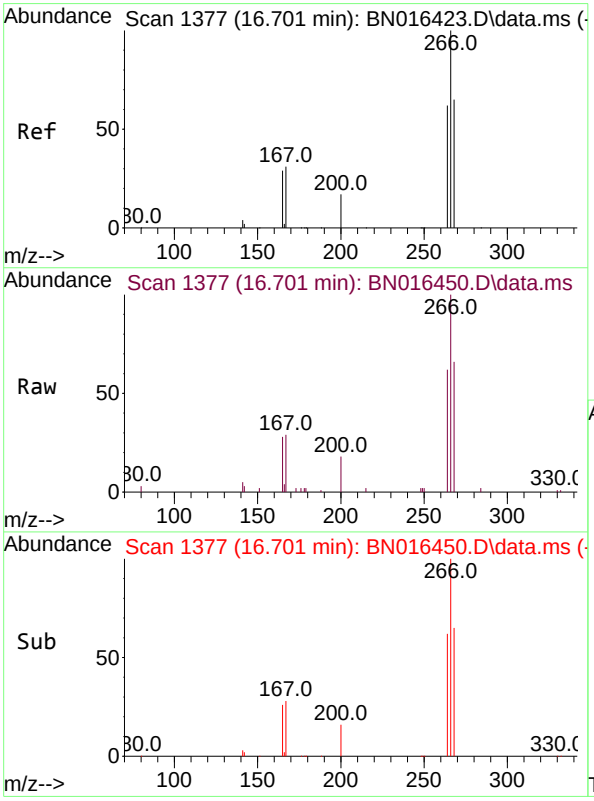
#23
Atrazine
Concen: 0.377 ng
RT: 16.519 min Scan# 1362
Delta R.T. -0.012 min
Lab File: BN016450.D
Acq: 25 Sep 2021 00:02

Tgt Ion:200 Resp: 13537

Ion	Ratio	Lower	Upper
200	100		
173	29.2	18.7	28.1#
215	47.2	41.6	62.4



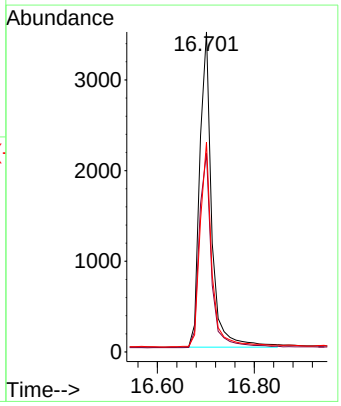
Instrument :
BNA_N
ClientSampleId :



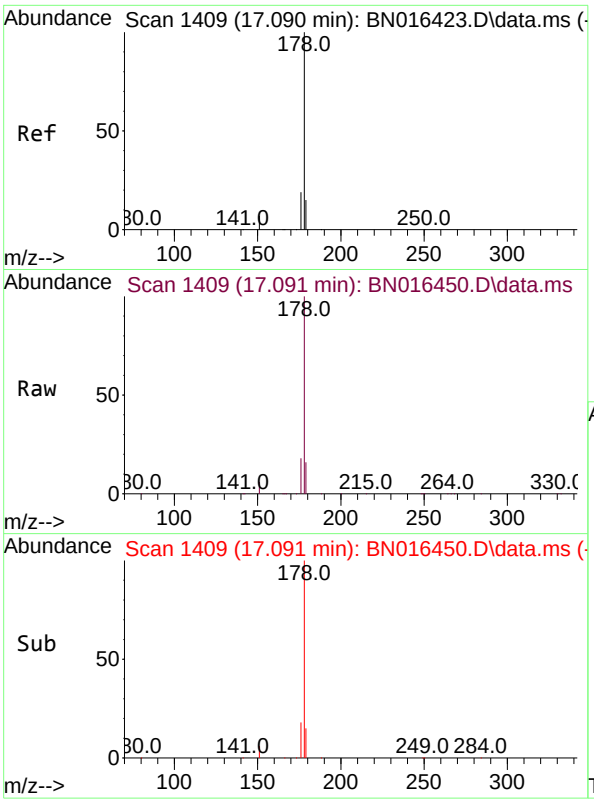
#24
Pentachlorophenol
Concen: 0.442 ng
RT: 16.701 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BN016450.D
Acq: 25 Sep 2021 00:02

Tgt Ion:266 Resp: 5962

Ion	Ratio	Lower	Upper
266	100		
264	63.4	50.6	75.8
268	63.5	52.6	79.0



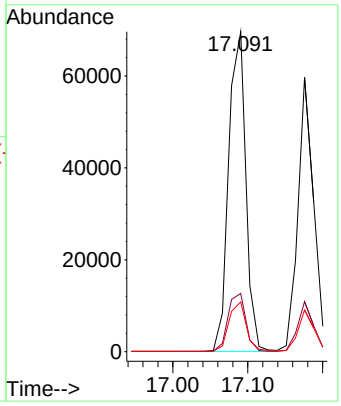
Instrument :
BNA_N
ClientSampleId :

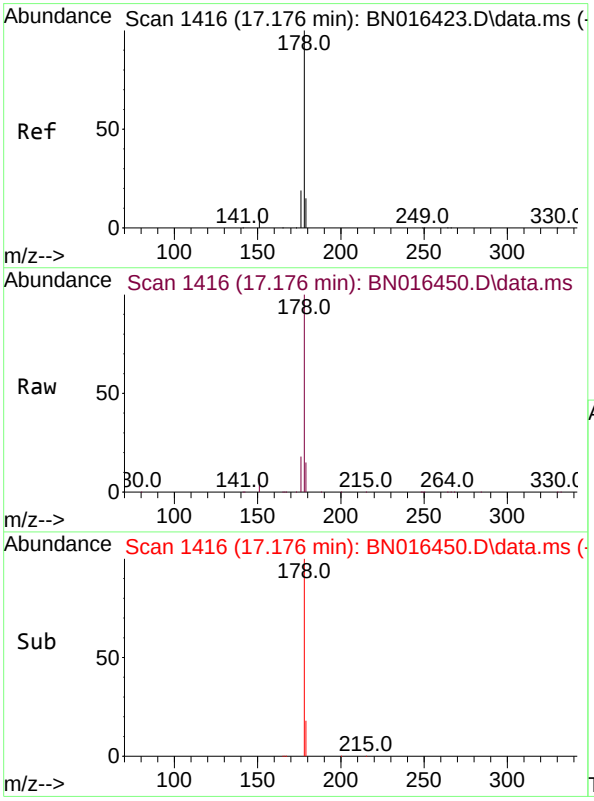


#25
Phenanthrene
Concen: 0.368 ng
RT: 17.091 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BN016450.D
Acq: 25 Sep 2021 00:02

Tgt Ion:178 Resp: 110997

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.4	21.6
179	15.7	12.2	18.4

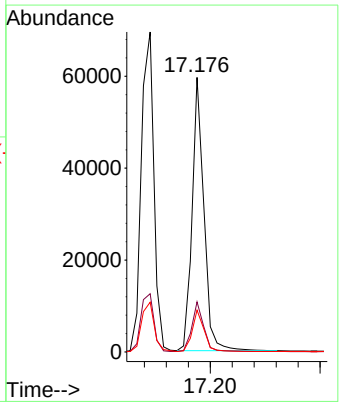




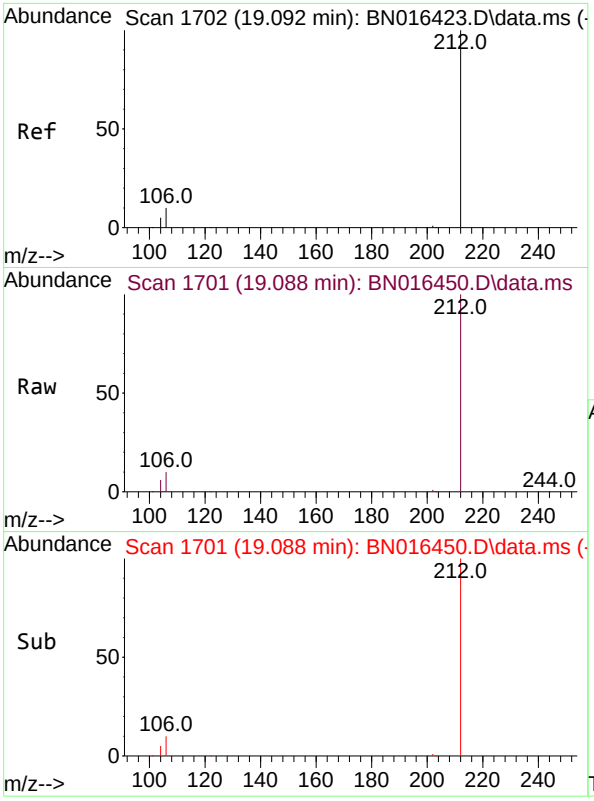
#26
Anthracene
Concen: 0.355 ng
RT: 17.176 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BN016450.D
Acq: 25 Sep 2021 00:02

Tgt Ion:178 Resp: 89057

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



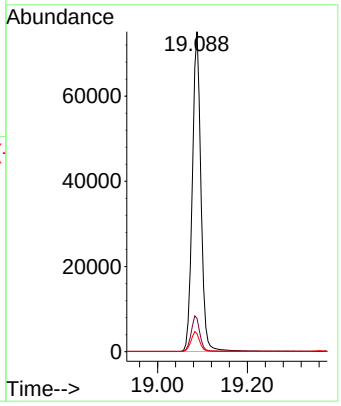
Instrument :
BNA_N
ClientSampleId :

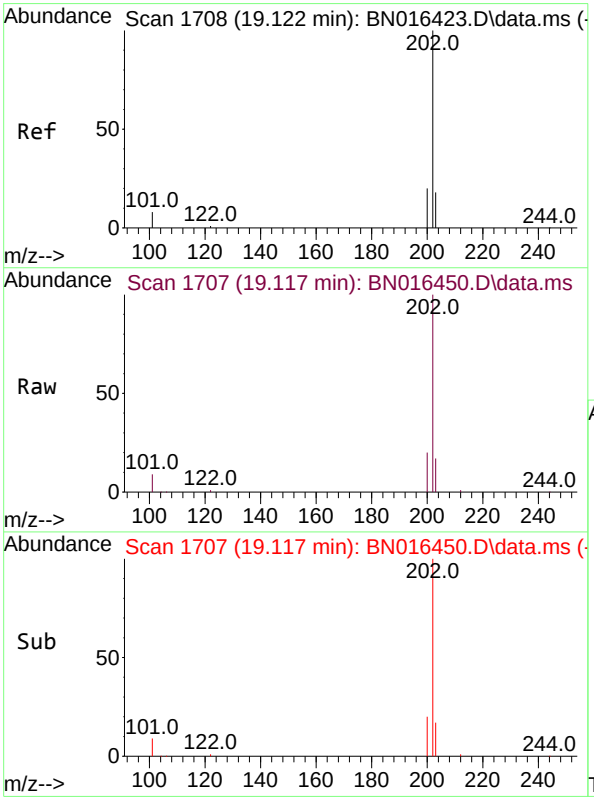


#27
Fluoranthene-d10
Concen: 0.361 ng
RT: 19.088 min Scan# 1701
Delta R.T. -0.005 min
Lab File: BN016450.D
Acq: 25 Sep 2021 00:02

Tgt Ion:212 Resp: 100469

Ion	Ratio	Lower	Upper
212	100		
106	11.1	9.8	14.6
104	6.1	5.4	8.2

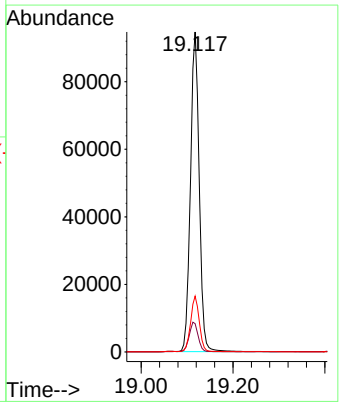


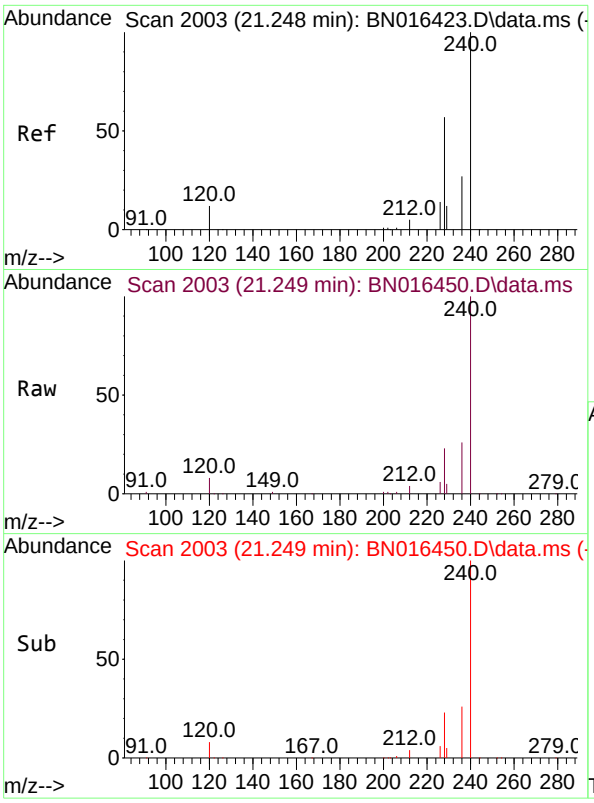


#28
Fluoranthene
Concen: 0.378 ng
RT: 19.117 min Scan# 1707
Delta R.T. -0.005 min
Lab File: BN016450.D
Acq: 25 Sep 2021 00:02

Tgt Ion:202 Resp: 125048

Ion	Ratio	Lower	Upper
202	100		
101	9.7	8.5	12.7
203	17.3	13.8	20.8

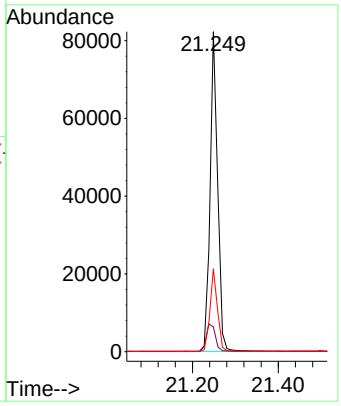




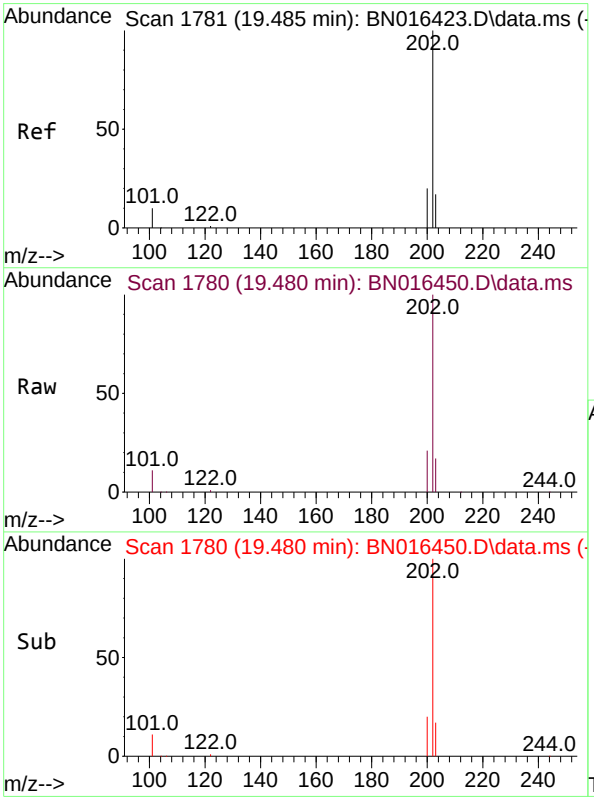
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.249 min Scan# 2003
Delta R.T. 0.000 min
Lab File: BN016450.D
Acq: 25 Sep 2021 00:02

Tgt Ion:240 Resp: 100221

Ion	Ratio	Lower	Upper
240	100		
120	7.8	5.3	7.9
236	25.9	19.8	29.8



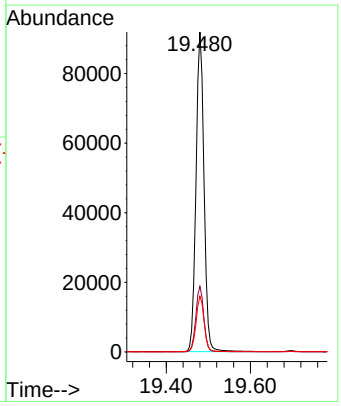
Instrument :
BNA_N
ClientSampleId :

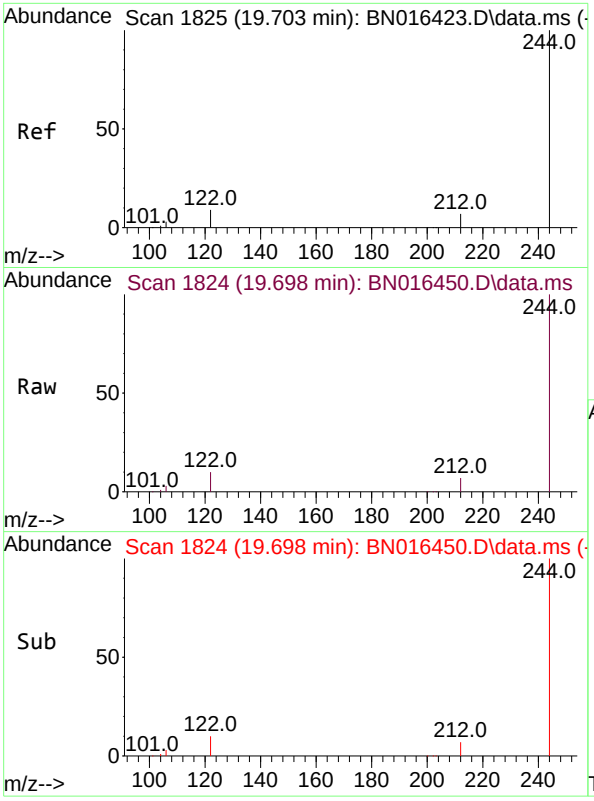


#30
Pyrene
Concen: 0.388 ng
RT: 19.480 min Scan# 1780
Delta R.T. -0.005 min
Lab File: BN016450.D
Acq: 25 Sep 2021 00:02

Tgt Ion:202 Resp: 121890

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

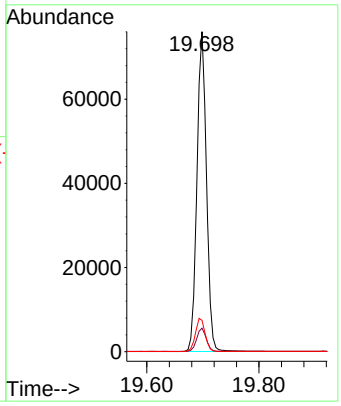




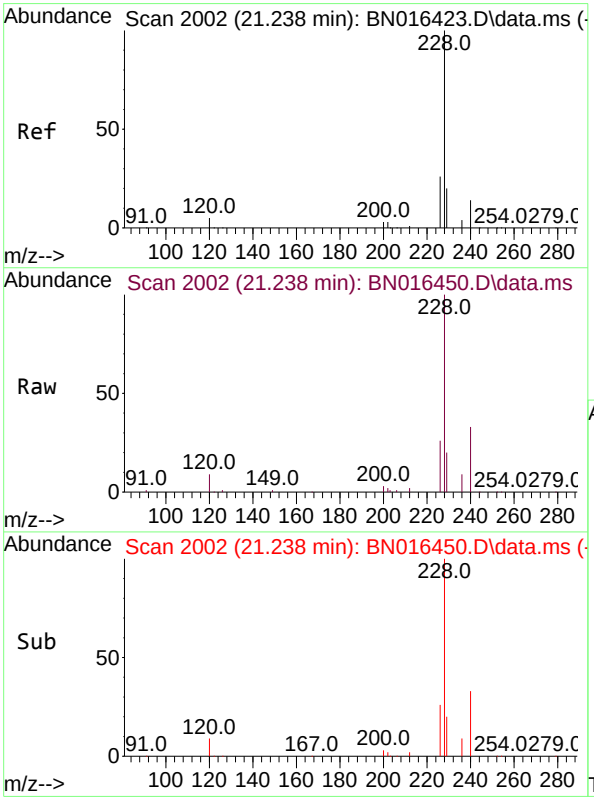
#31
Terphenyl-d14
Concen: 0.383 ng
RT: 19.698 min Scan# 1824
Delta R.T. -0.005 min
Lab File: BN016450.D
Acq: 25 Sep 2021 00:02

Tgt Ion:244 Resp: 89351

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.5	8.3
122	9.8	9.0	13.4



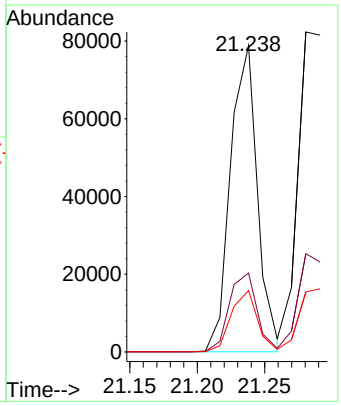
Instrument :
BNA_N
ClientSampleId :

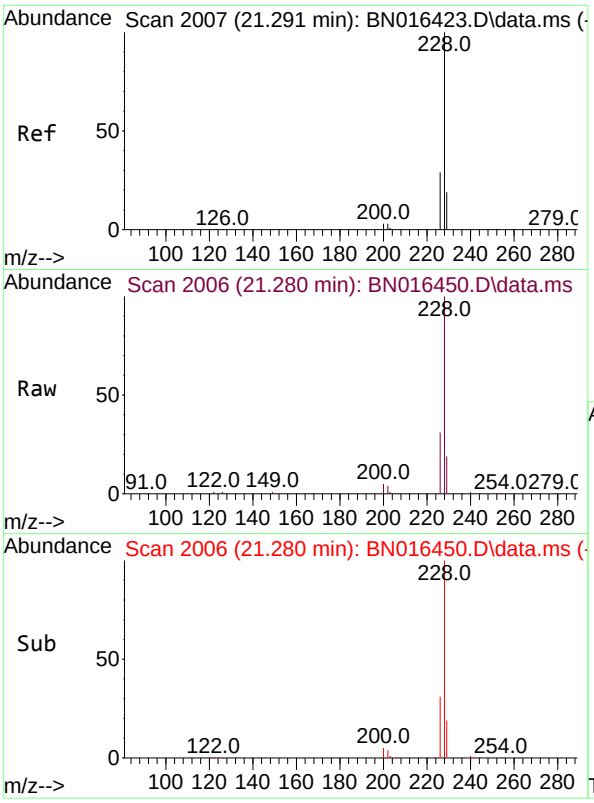


#32
Benzo(a)anthracene
Concen: 0.377 ng
RT: 21.238 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BN016450.D
Acq: 25 Sep 2021 00:02

Tgt Ion:228 Resp: 109574

Ion	Ratio	Lower	Upper
228	100		
226	25.7	20.8	31.2
229	20.0	15.8	23.6

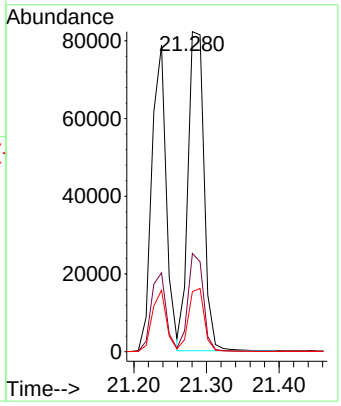




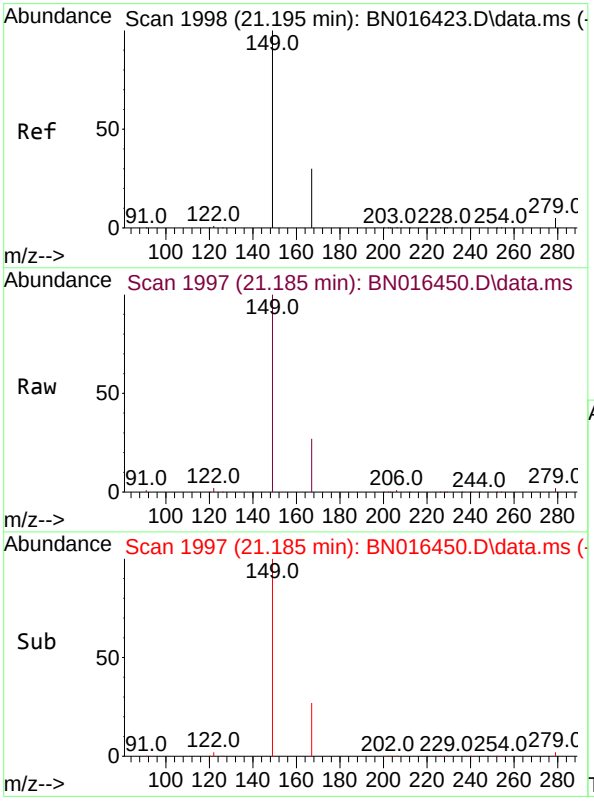
#33
Chrysene
Concen: 0.403 ng
RT: 21.280 min Scan# 2006
Delta R.T. -0.010 min
Lab File: BN016450.D
Acq: 25 Sep 2021 00:02

Tgt Ion:228 Resp: 125678

Ion	Ratio	Lower	Upper
228	100		
226	30.7	23.0	34.4
229	18.7	15.6	23.4



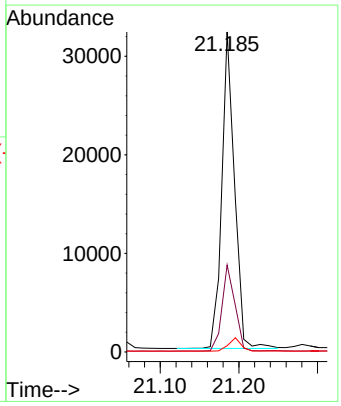
Instrument :
BNA_N
ClientSampleId :

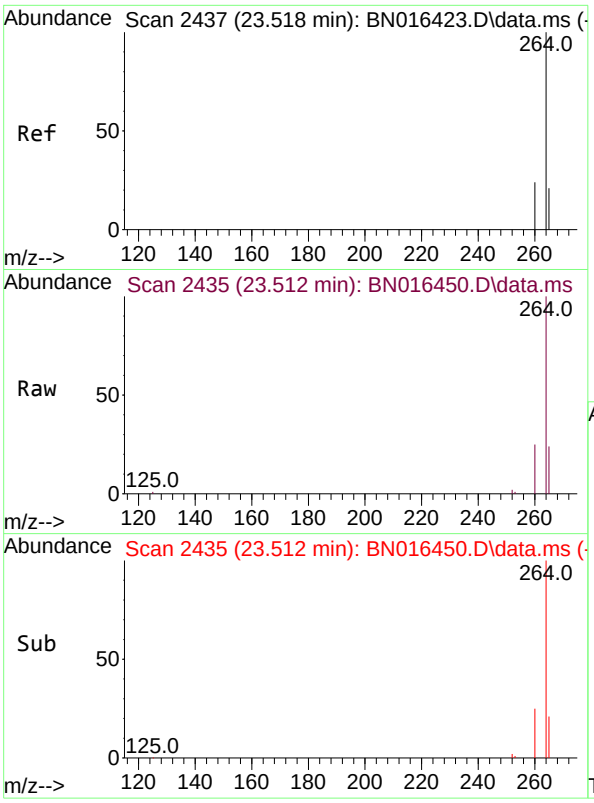


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.453 ng
RT: 21.185 min Scan# 1997
Delta R.T. -0.010 min
Lab File: BN016450.D
Acq: 25 Sep 2021 00:02

Tgt Ion:149 Resp: 35905

Ion	Ratio	Lower	Upper
149	100		
167	27.5	23.4	35.0
279	4.2	3.9	5.9

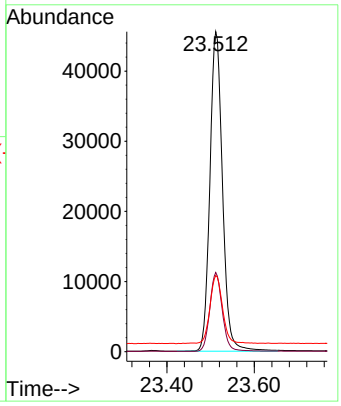




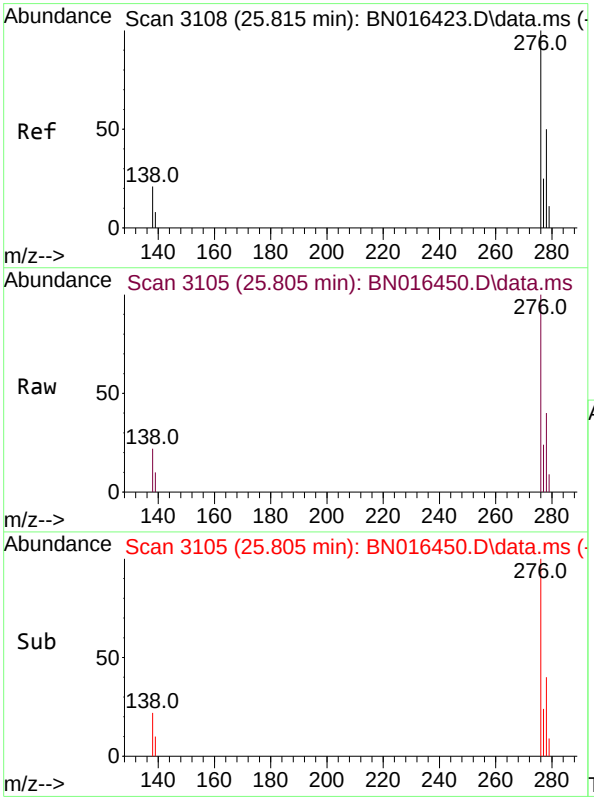
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.512 min Scan# 2435
Delta R.T. -0.007 min
Lab File: BN016450.D
Acq: 25 Sep 2021 00:02

Tgt Ion:264 Resp: 91236

Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.9	28.3
265	23.8	23.7	35.5



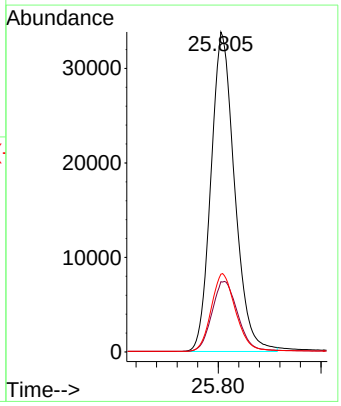
Instrument :
BNA_N
ClientSampleId :

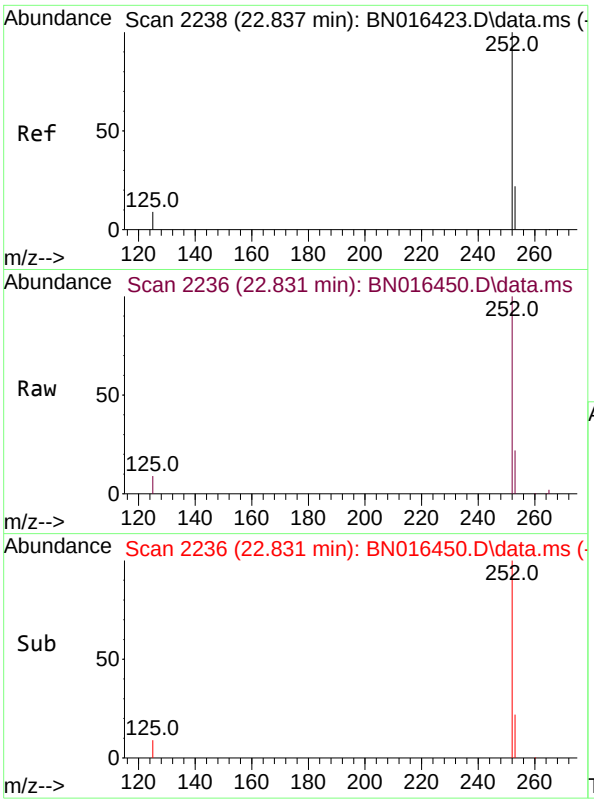


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.365 ng
RT: 25.805 min Scan# 3105
Delta R.T. -0.010 min
Lab File: BN016450.D
Acq: 25 Sep 2021 00:02

Tgt Ion:276 Resp: 107933

Ion	Ratio	Lower	Upper
276	100		
138	23.8	19.3	28.9
277	25.1	20.2	30.2

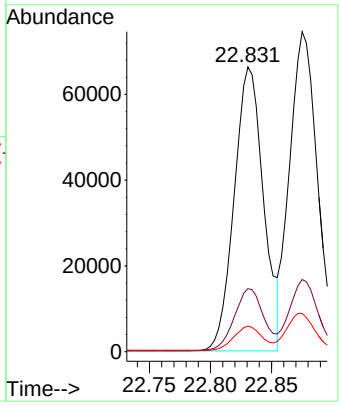




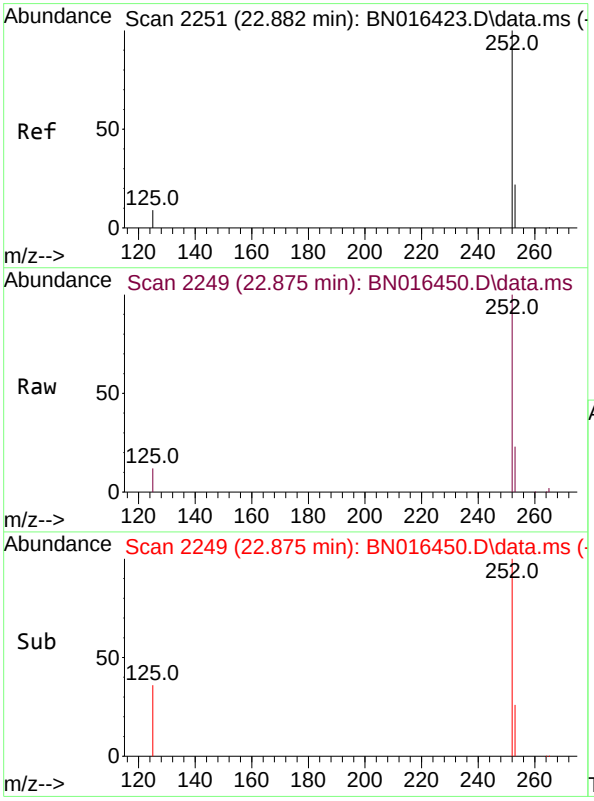
#37
Benzo(b)fluoranthene
Concen: 0.364 ng
RT: 22.831 min Scan# 2236
Delta R.T. -0.007 min
Lab File: BN016450.D
Acq: 25 Sep 2021 00:02

Tgt Ion:252 Resp: 110959

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.2
125	9.0	8.4	12.6



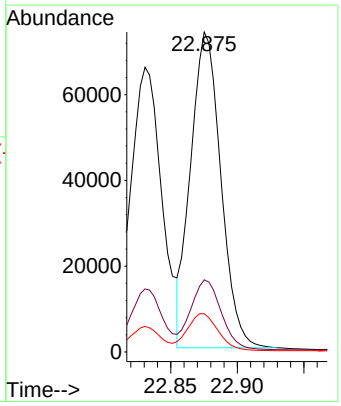
Instrument :
BNA_N
ClientSampleId :



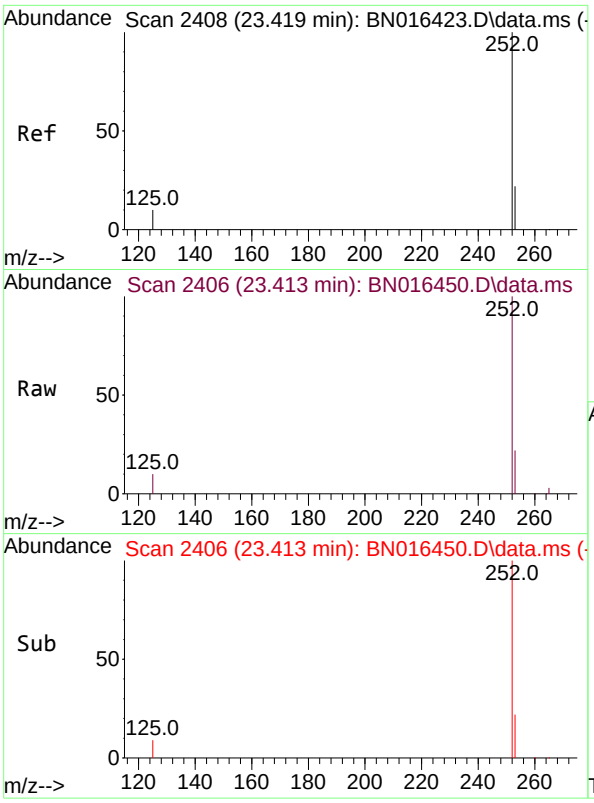
#38
Benzo(k)fluoranthene
Concen: 0.394 ng
RT: 22.875 min Scan# 2249
Delta R.T. -0.007 min
Lab File: BN016450.D
Acq: 25 Sep 2021 00:02

Tgt Ion:252 Resp: 116172

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.2
125	12.0	8.2	12.4



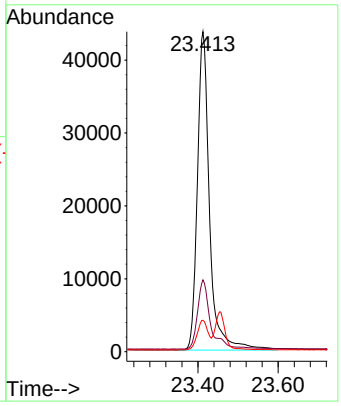
Instrument :
BNA_N
ClientSampleId :

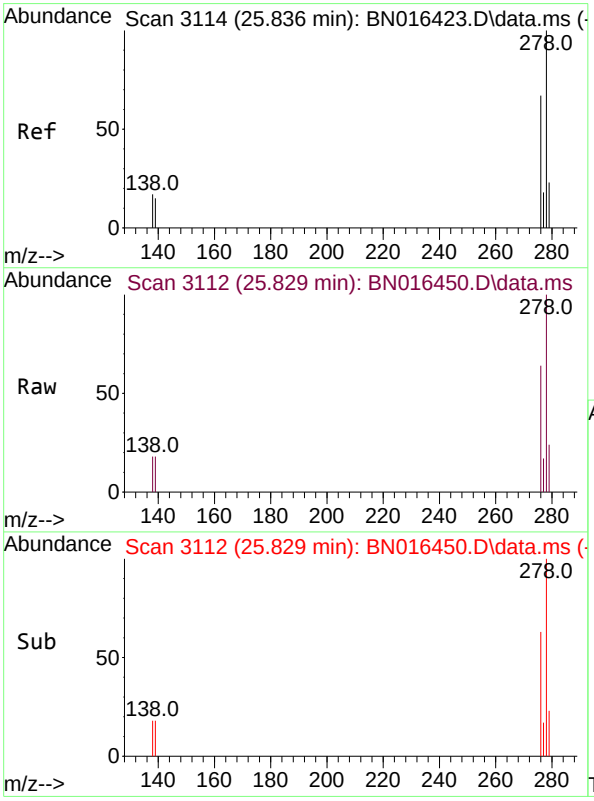


#39
Benzo(a)pyrene
Concen: 0.369 ng
RT: 23.413 min Scan# 2406
Delta R.T. -0.007 min
Lab File: BN016450.D
Acq: 25 Sep 2021 00:02

Tgt Ion:252 Resp: 91674

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.7	28.1
125	9.8	9.9	14.9#

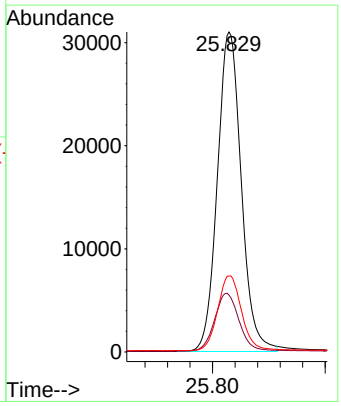


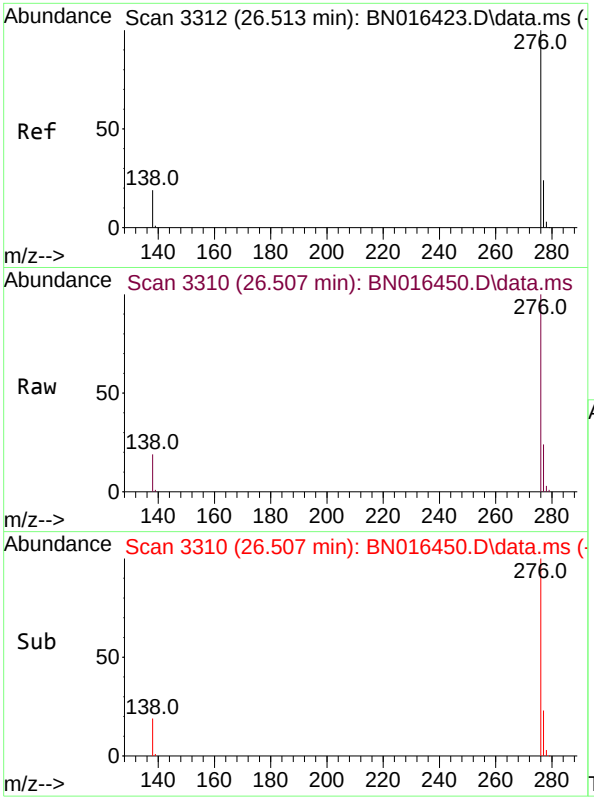


#40
Dibenzo(a,h)anthracene
Concen: 0.362 ng
RT: 25.829 min Scan# 3112
Delta R.T. -0.007 min
Lab File: BN016450.D
Acq: 25 Sep 2021 00:02

Tgt Ion:278 Resp: 91175

Ion	Ratio	Lower	Upper
278	100		
139	17.7	14.2	21.2
279	23.7	21.3	31.9

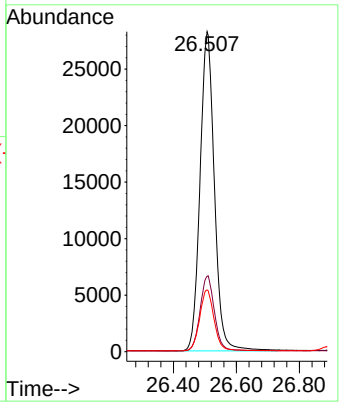




#41
Benzo(g,h,i)perylene
Concen: 0.345 ng
RT: 26.507 min Scan# 3310
Delta R.T. -0.007 min
Lab File: BN016450.D
Acq: 25 Sep 2021 00:02

Tgt Ion:276 Resp: 89102

Ion	Ratio	Lower	Upper
276	100		
277	23.6	20.5	30.7
138	19.3	18.2	27.4



Instrument :
BNA_N
ClientSampleId :