Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101321\
Data File : BN016925.D
Acq On : 13 Oct 2021 08:35
Operator : CG/JU
Sample : PB139838BSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB139838BSD

Quant Time: Oct 13 10:52:22 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN101321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 13 02:19:57 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.679	152	22050	0.400	ng		0.00
7) Naphthalene-d8	10.445	136	96996	0.400	ng		#-0.01
13) Acenaphthene-d10	14.294	164	51039	0.400	ng		0.00
19) Phenanthrene-d10	17.030	188	96584	0.400	ng		#-0.01
29) Chrysene-d12	21.227	240	101364	0.400	ng		0.00
35) Perylene-d12	23.471	264	103227	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.291	112	20841	0.416	ng		0.00
5) Phenol-d6	6.868	99	22930	0.412	ng		0.00
8) Nitrobenzene-d5	8.822	82	23704	0.384	ng		0.00
11) 2-Methylnaphthalene-d10	12.038	152	54143	0.399	ng		0.00
14) 2,4,6-Tribromophenol	15.791	330	8394	0.363	ng		0.00
15) 2-Fluorobiphenyl	12.924	172	76561	0.396	ng		0.00
27) Fluoranthene-d10	19.068	212	98610	0.406	ng		0.00
31) Terphenyl-d14	19.678	244	85552	0.384	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.272	88	5278	0.359	ng		97
3) n-Nitrosodimethylamine	3.604	42	6953	0.411	ng		98
6) bis(2-Chloroethyl)ether	7.126	93	24737	0.414	ng		99
9) Naphthalene	10.495	128	100485	0.399	ng		99
10) Hexachlorobutadiene	10.787	225	19698	0.395	ng	#	100
12) 2-Methylnaphthalene	12.109	142	64976	0.406	ng		99
16) Acenaphthylene	14.015	152	81018	0.392	ng		100
17) Acenaphthene	14.357	154	56098	0.396	ng		99
18) Fluorene	15.347	166	67100	0.397	ng		100
20) 4,6-Dinitro-2-methylph...	15.436	198	2327	0.308	ng		97
21) 4-Bromophenyl-phenylether	16.239	248	21812	0.385	ng		94
22) Hexachlorobenzene	16.348	284	25337	0.386	ng		99
23) Atrazine	16.518	200	14677	0.395	ng		99
24) Pentachlorophenol	16.689	266	7280	0.422	ng		99
25) Phenanthrene	17.078	178	108050	0.393	ng		100
26) Anthracene	17.163	178	93757	0.400	ng		100
28) Fluoranthene	19.098	202	124968	0.421	ng		100
30) Pyrene	19.460	202	124850	0.387	ng		100
32) Benzo(a)anthracene	21.217	228	123143	0.404	ng		100
33) Chrysene	21.259	228	133154	0.404	ng		97
34) Bis(2-ethylhexyl)phtha...	21.164	149	57775	0.489	ng		100
36) Indeno(1,2,3-cd)pyrene	25.743	276	150011	0.384	ng		99
37) Benzo(b)fluoranthene	22.796	252	132628	0.401	ng		100
38) Benzo(k)fluoranthene	22.841	252	137994	0.421	ng		100
39) Benzo(a)pyrene	23.371	252	122608	0.406	ng		100
40) Dibenzo(a,h)anthracene	25.761	278	123998	0.391	ng		100
41) Benzo(g,h,i)perylene	26.431	276	121975	0.360	ng		100

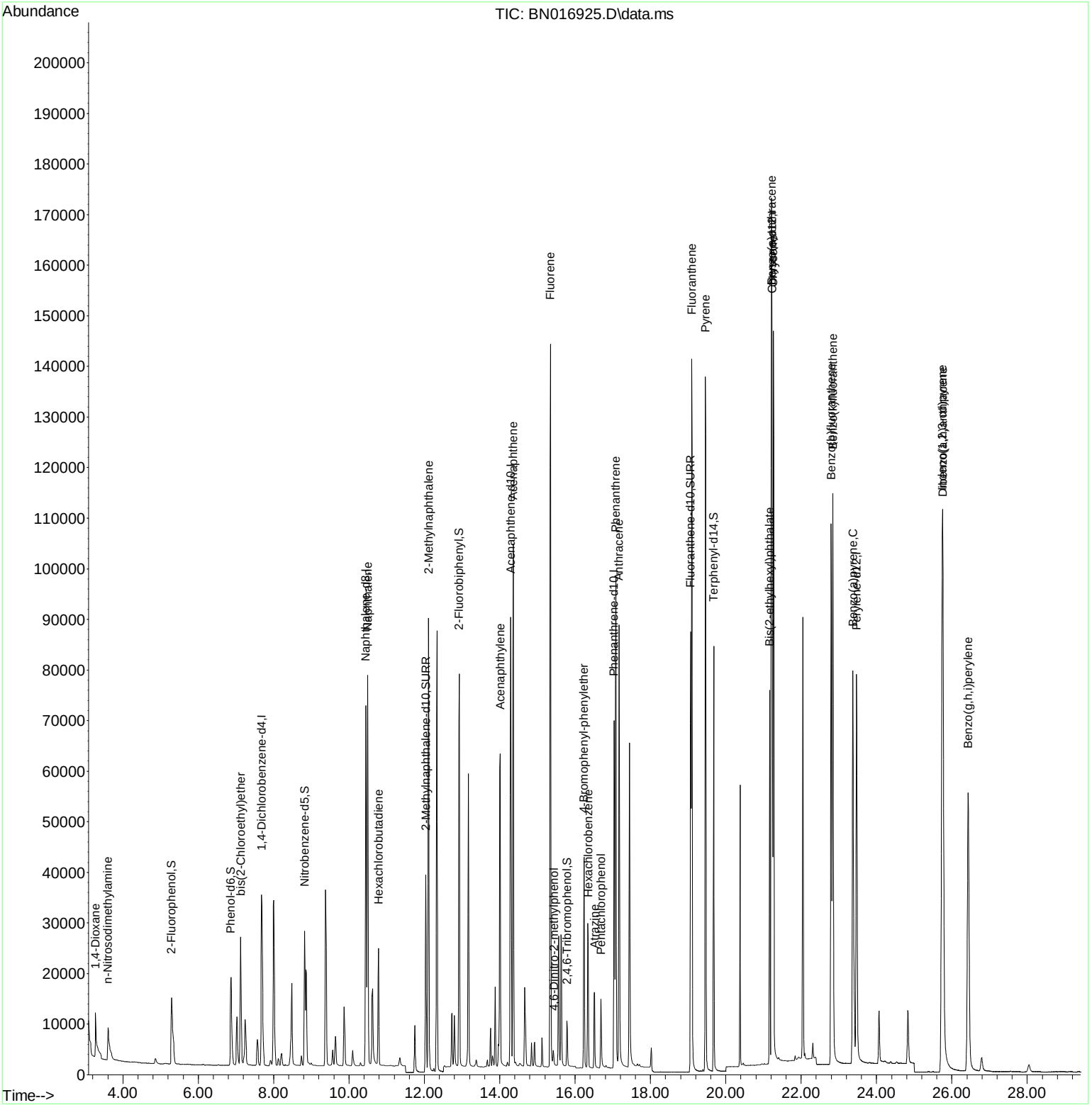
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

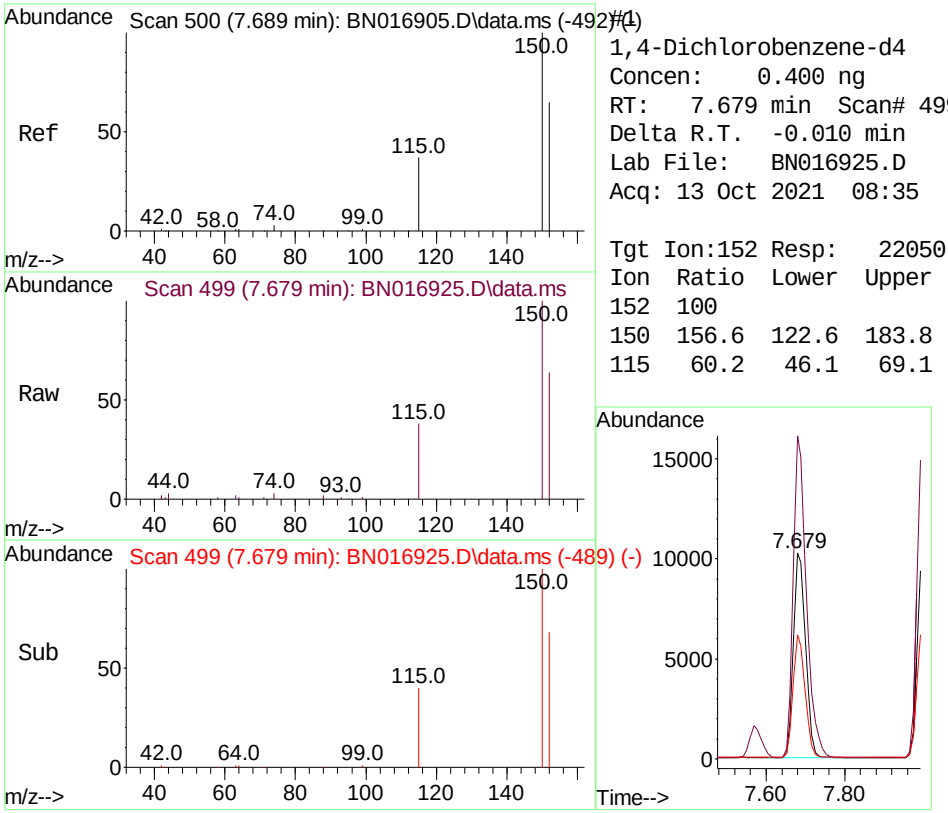
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101321\
Data File : BN016925.D
Acq On : 13 Oct 2021 08:35
Operator : CG/JU
Sample : PB139838BSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB139838BSD

Quant Time: Oct 13 10:52:22 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN101321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 13 02:19:57 2021
Response via : Initial Calibration



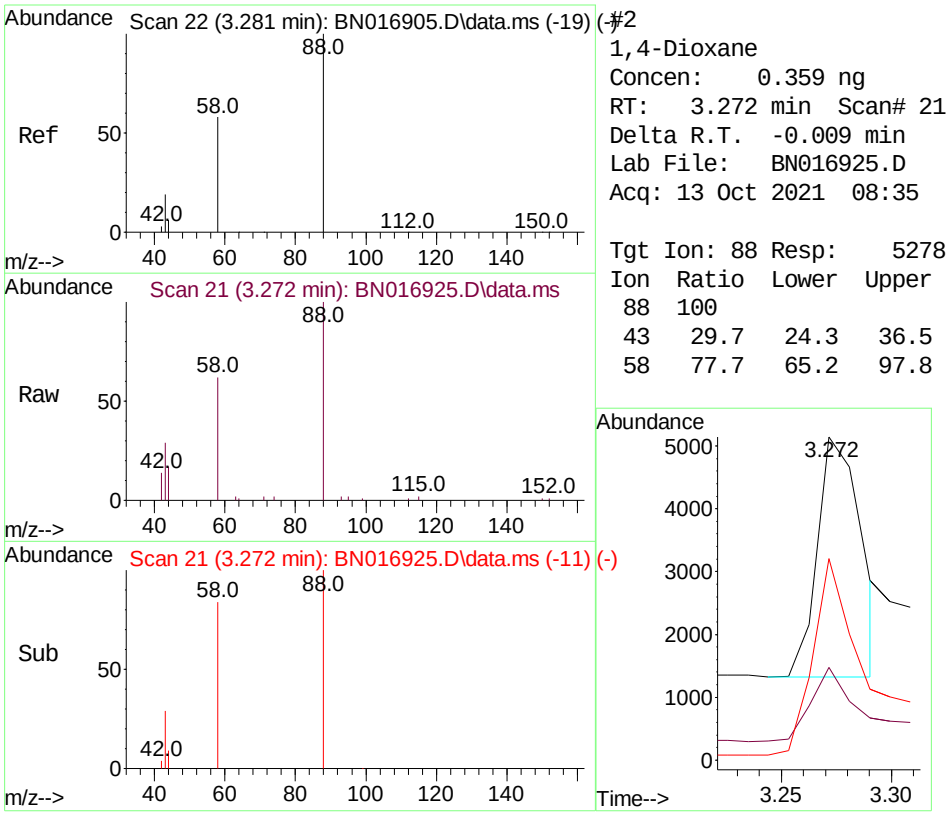
Instrument :
BNA_N
ClientSampleId :
PB139838BSD



#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.679 min Scan# 499
Delta R.T. -0.010 min
Lab File: BN016925.D
Acq: 13 Oct 2021 08:35

Tgt Ion:152 Resp: 22050

Ion	Ratio	Lower	Upper
152	100		
150	156.6	122.6	183.8
115	60.2	46.1	69.1

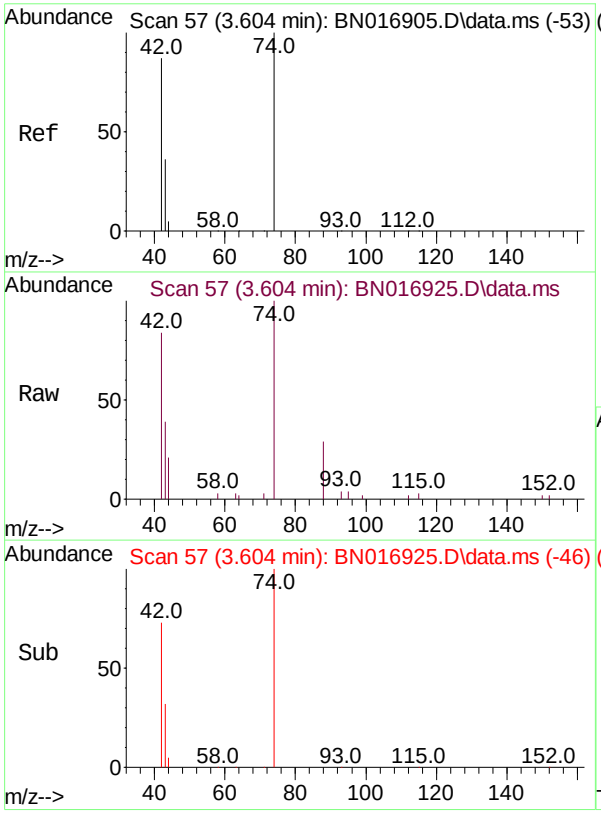


#2
1,4-Dioxane
Concen: 0.359 ng
RT: 3.272 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN016925.D
Acq: 13 Oct 2021 08:35

Tgt Ion: 88 Resp: 5278

Ion	Ratio	Lower	Upper
88	100		
43	29.7	24.3	36.5
58	77.7	65.2	97.8

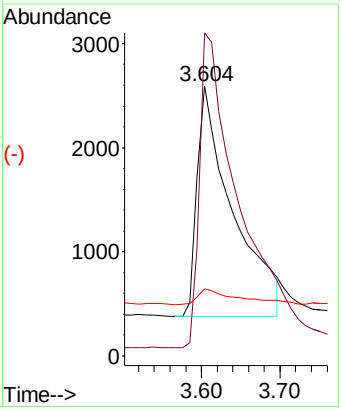
Instrument :
BNA_N
ClientSampleId :
PB139838BSD

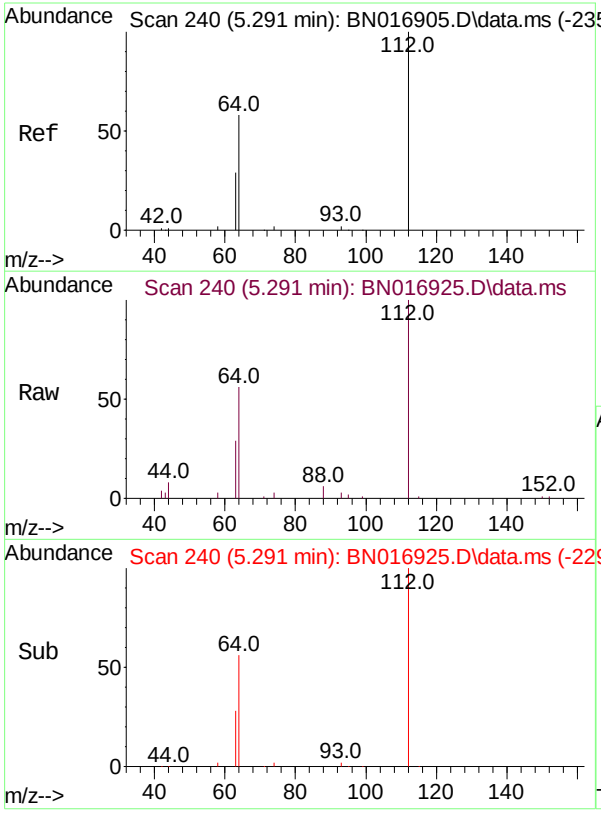


#3
n-Nitrosodimethylamine
Concen: 0.411 ng
RT: 3.604 min Scan# 57
Delta R.T. -0.000 min
Lab File: BN016925.D
Acq: 13 Oct 2021 08:35

Tgt Ion: 42 Resp: 6953

Ion	Ratio	Lower	Upper
42	100		
74	146.1	114.4	171.6
44	6.9	5.7	8.5

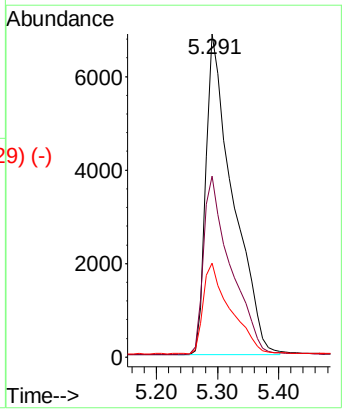




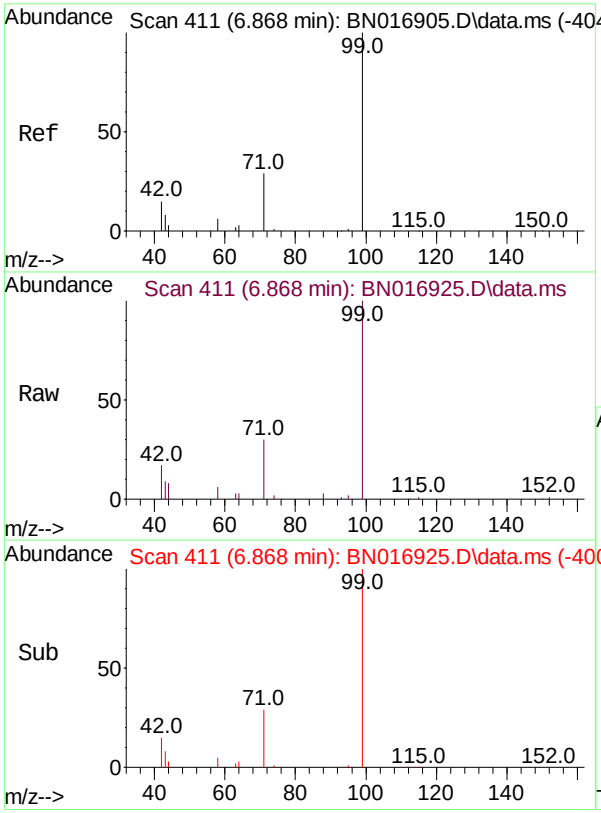
#4
2-Fluorophenol
Concen: 0.416 ng
RT: 5.291 min Scan# 240
Delta R.T. -0.000 min
Lab File: BN016925.D
Acq: 13 Oct 2021 08:35

Tgt Ion:112 Resp: 20841

Ion	Ratio	Lower	Upper
112	100		
64	56.0	45.0	67.4
63	28.4	22.6	33.8



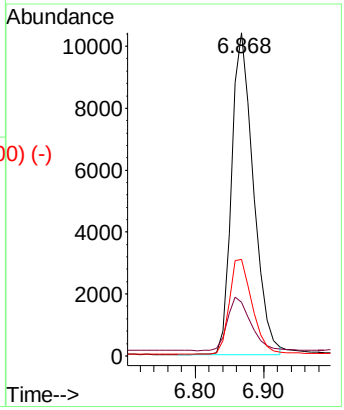
Instrument :
BNA_N
ClientSampleId :
PB139838BSD

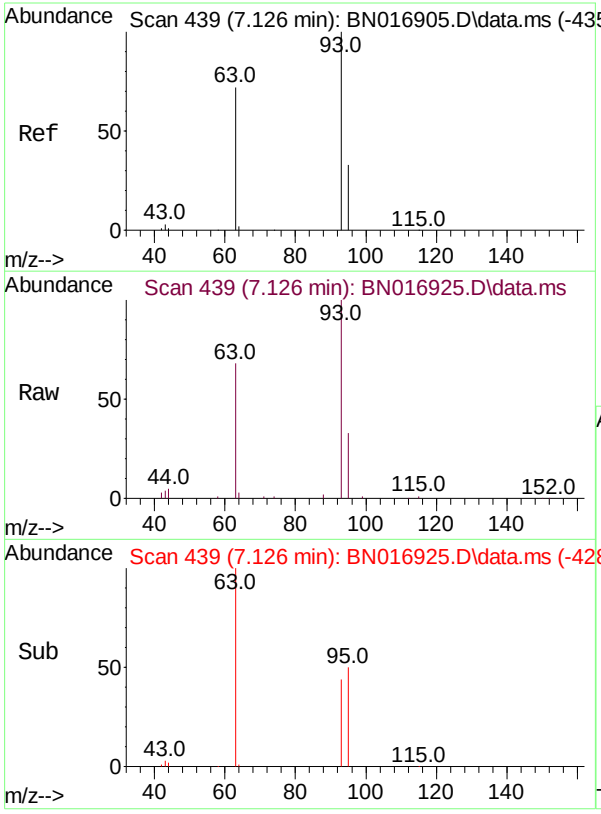


#5
Phenol-d6
Concen: 0.412 ng
RT: 6.868 min Scan# 411
Delta R.T. -0.000 min
Lab File: BN016925.D
Acq: 13 Oct 2021 08:35

Tgt Ion: 99 Resp: 22930

Ion	Ratio	Lower	Upper
99	100		
42	17.8	14.2	21.4
71	30.8	24.5	36.7

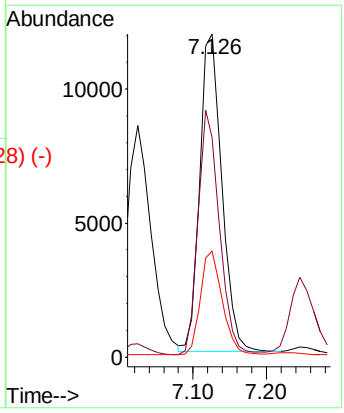




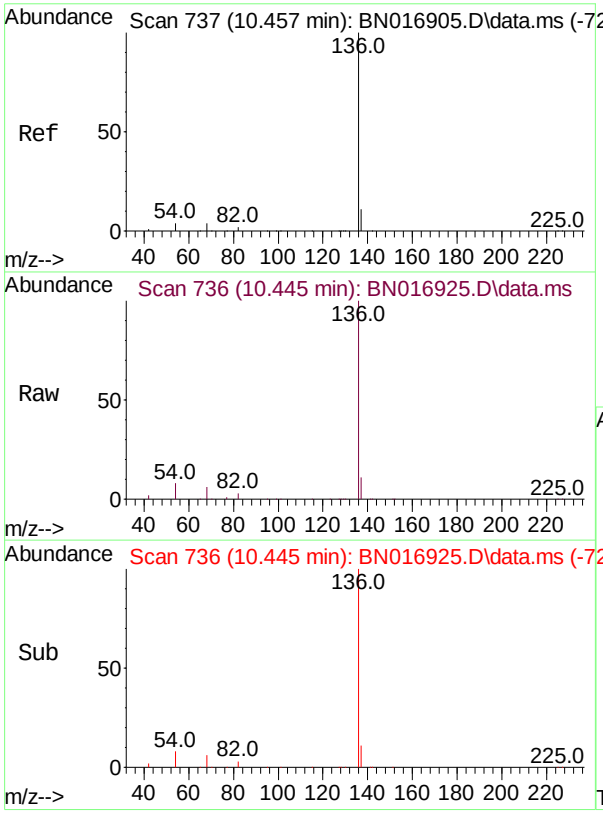
#6
bis(2-Chloroethyl)ether
Concen: 0.414 ng
RT: 7.126 min Scan# 439
Delta R.T. -0.000 min
Lab File: BN016925.D
Acq: 13 Oct 2021 08:35

Tgt Ion: 93 Resp: 24737

Ion	Ratio	Lower	Upper
93	100		
63	74.3	60.3	90.5
95	32.6	26.2	39.4



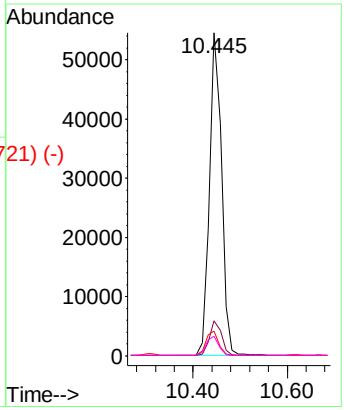
Instrument :
BNA_N
ClientSampleId :
PB139838BSD

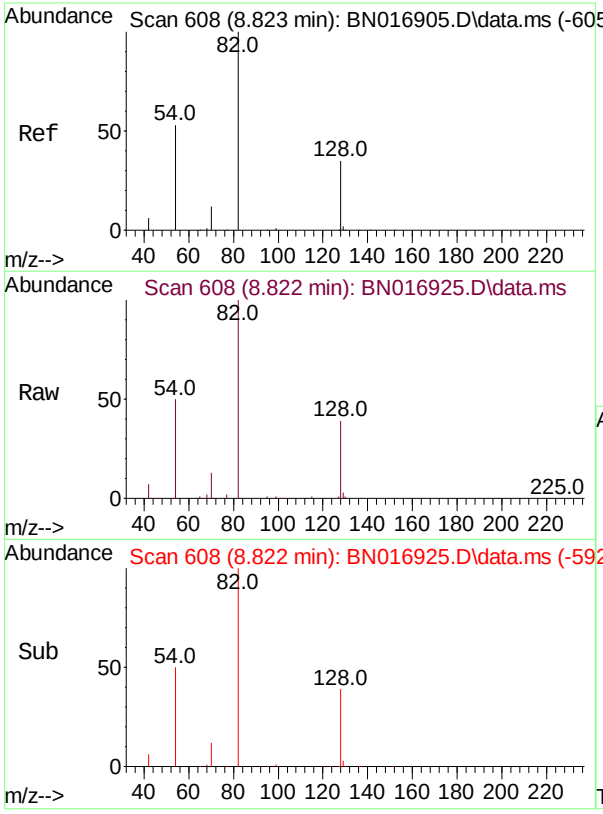


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.445 min Scan# 736
Delta R.T. -0.012 min
Lab File: BN016925.D
Acq: 13 Oct 2021 08:35

Tgt Ion:136 Resp: 96996

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	7.7	3.7	5.5#
68	6.2	3.2	4.8#

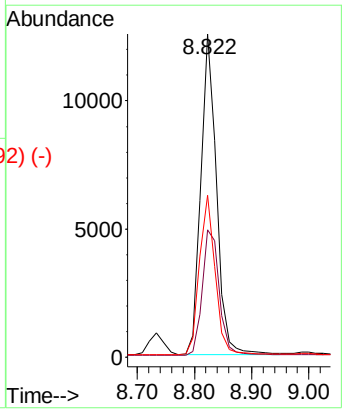




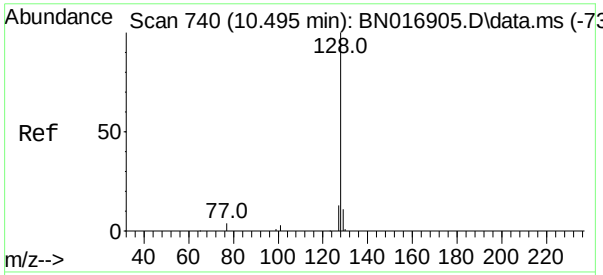
#8
Nitrobenzene-d5
Concen: 0.384 ng
RT: 8.822 min Scan# 608
Delta R.T. -0.000 min
Lab File: BN016925.D
Acq: 13 Oct 2021 08:35

Tgt Ion: 82 Resp: 23704

Ion	Ratio	Lower	Upper
82	100		
128	39.3	28.3	42.5
54	50.1	43.0	64.4



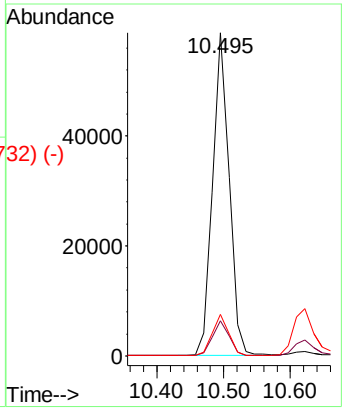
Instrument :
BNA_N
ClientSampleId :
PB139838BSD

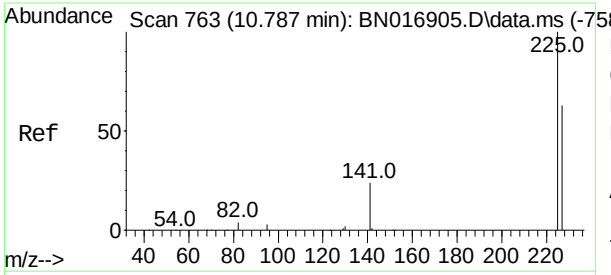


#9
Naphthalene
Concen: 0.399 ng
RT: 10.495 min Scan# 740
Delta R.T. -0.000 min
Lab File: BN016925.D
Acq: 13 Oct 2021 08:35

Tgt Ion:128 Resp: 100485

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.7	13.1
127	12.9	10.6	16.0

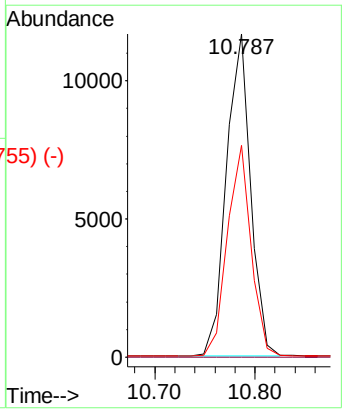




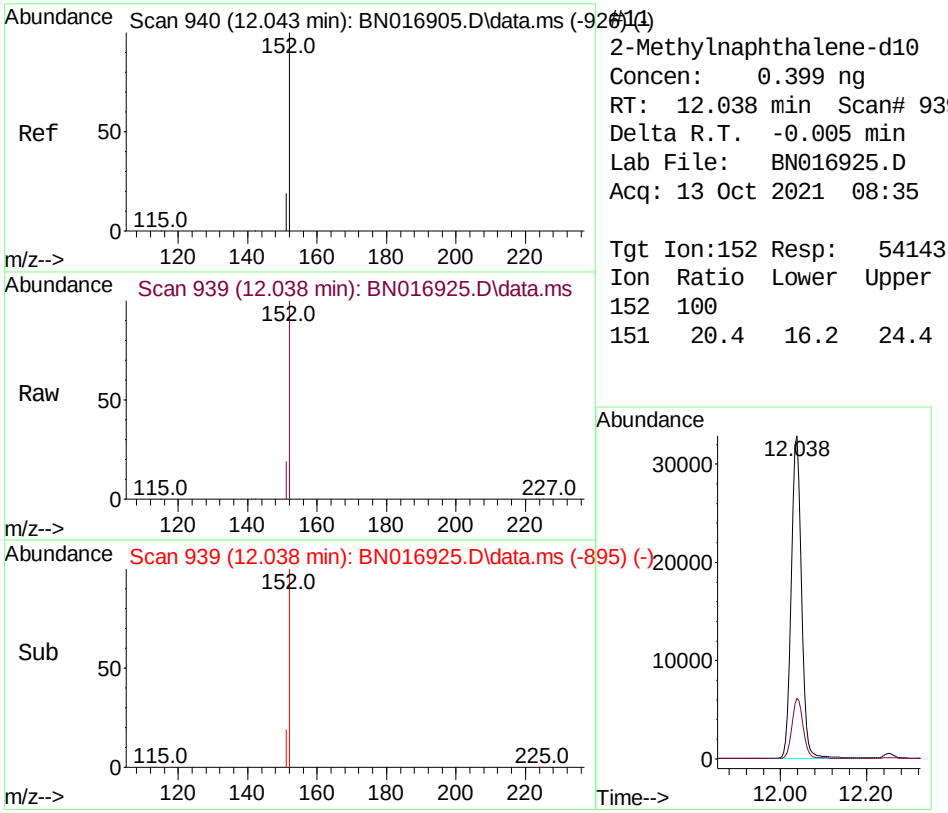
#10
Hexachlorobutadiene
Concen: 0.395 ng
RT: 10.787 min Scan# 763
Delta R.T. -0.000 min
Lab File: BN016925.D
Acq: 13 Oct 2021 08:35

Tgt Ion:225 Resp: 19698

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.1	51.1	76.7



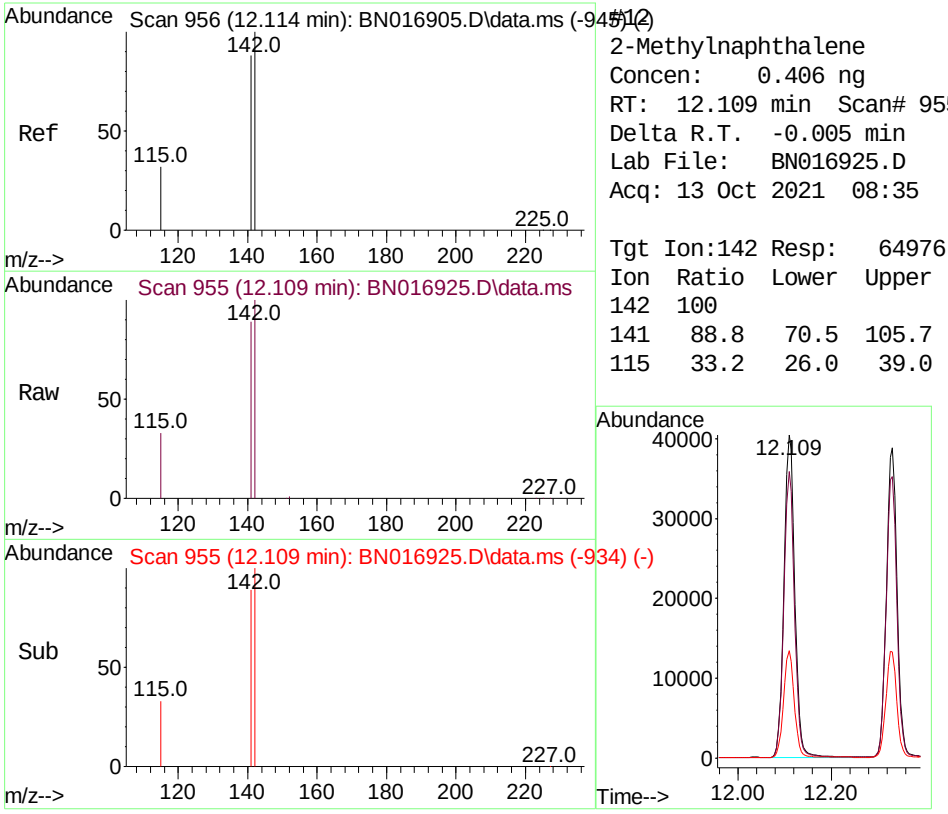
Instrument :
BNA_N
ClientSampleId :
PB139838BSD



#11
2-Methylnaphthalene-d10
Concen: 0.399 ng
RT: 12.038 min Scan# 939
Delta R.T. -0.005 min
Lab File: BN016925.D
Acq: 13 Oct 2021 08:35

Tgt Ion:152 Resp: 54143

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.4

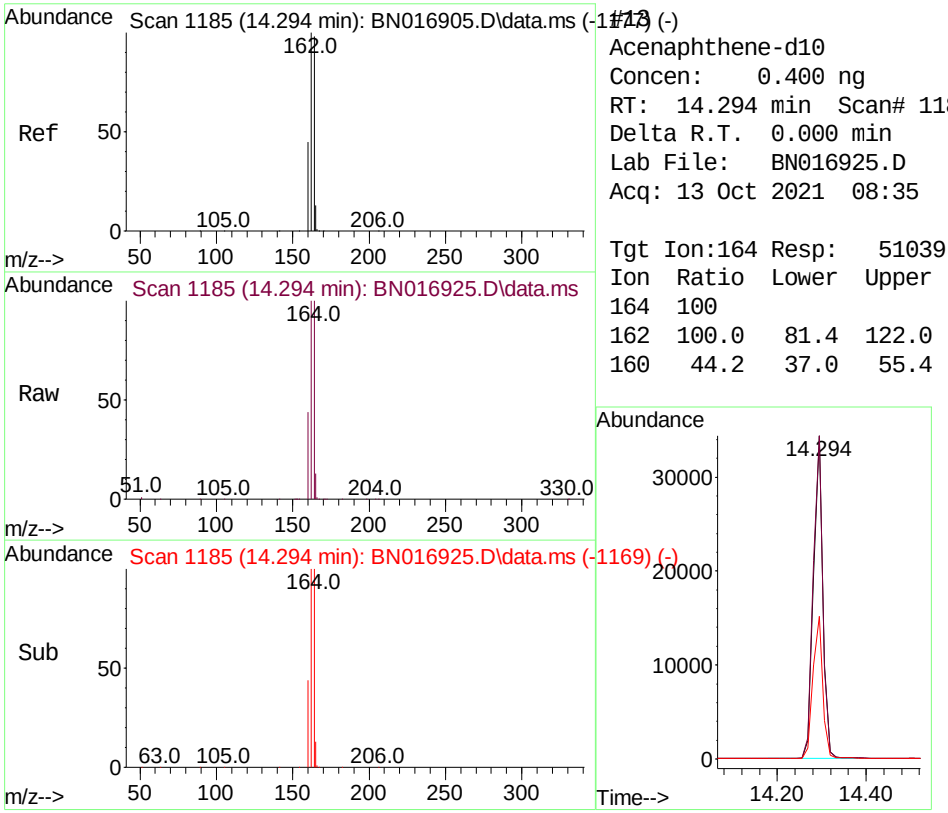


#12
2-Methylnaphthalene
Concen: 0.406 ng
RT: 12.109 min Scan# 955
Delta R.T. -0.005 min
Lab File: BN016925.D
Acq: 13 Oct 2021 08:35

Tgt Ion:142 Resp: 64976

Ion	Ratio	Lower	Upper
142	100		
141	88.8	70.5	105.7
115	33.2	26.0	39.0

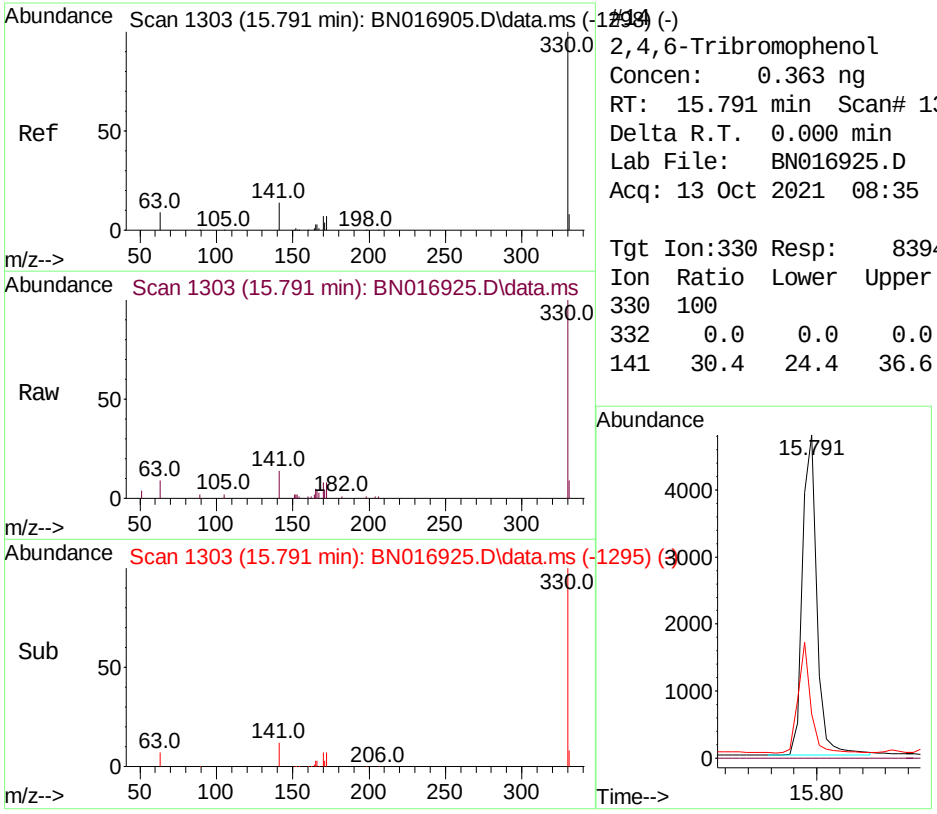
Instrument :
BNA_N
ClientSampleId :
PB139838BSD



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.294 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BN016925.D
Acq: 13 Oct 2021 08:35

Tgt Ion:164 Resp: 51039

Ion	Ratio	Lower	Upper
164	100		
162	100.0	81.4	122.0
160	44.2	37.0	55.4

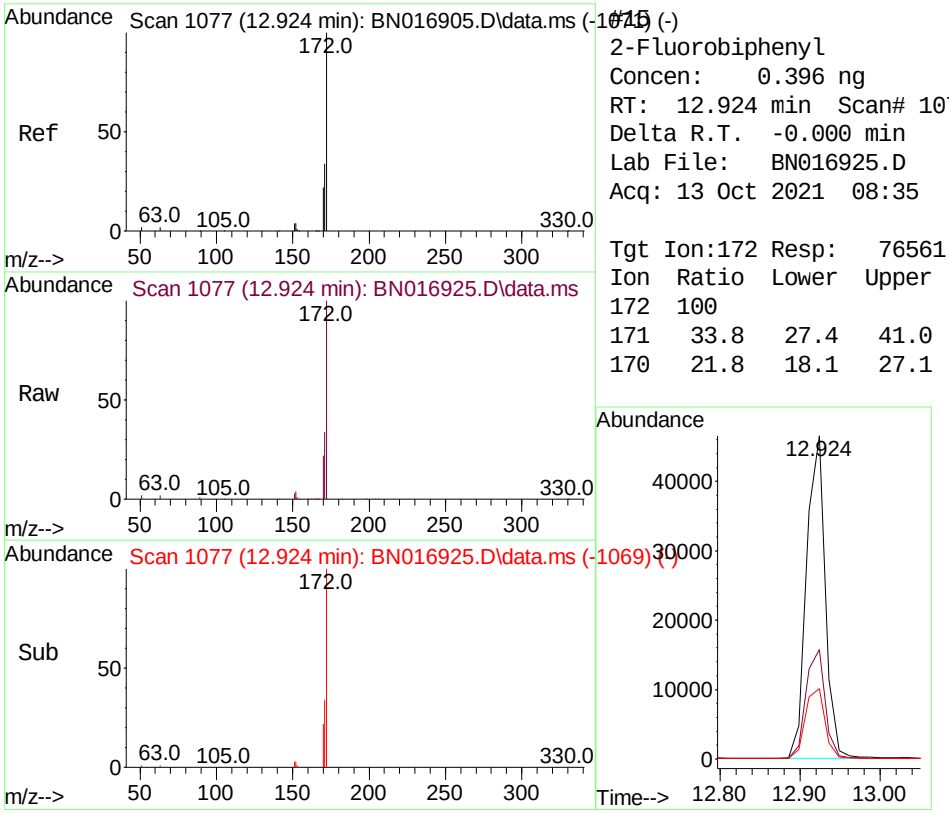


#14
2,4,6-Tribromophenol
Concen: 0.363 ng
RT: 15.791 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BN016925.D
Acq: 13 Oct 2021 08:35

Tgt Ion:330 Resp: 8394

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	30.4	24.4	36.6

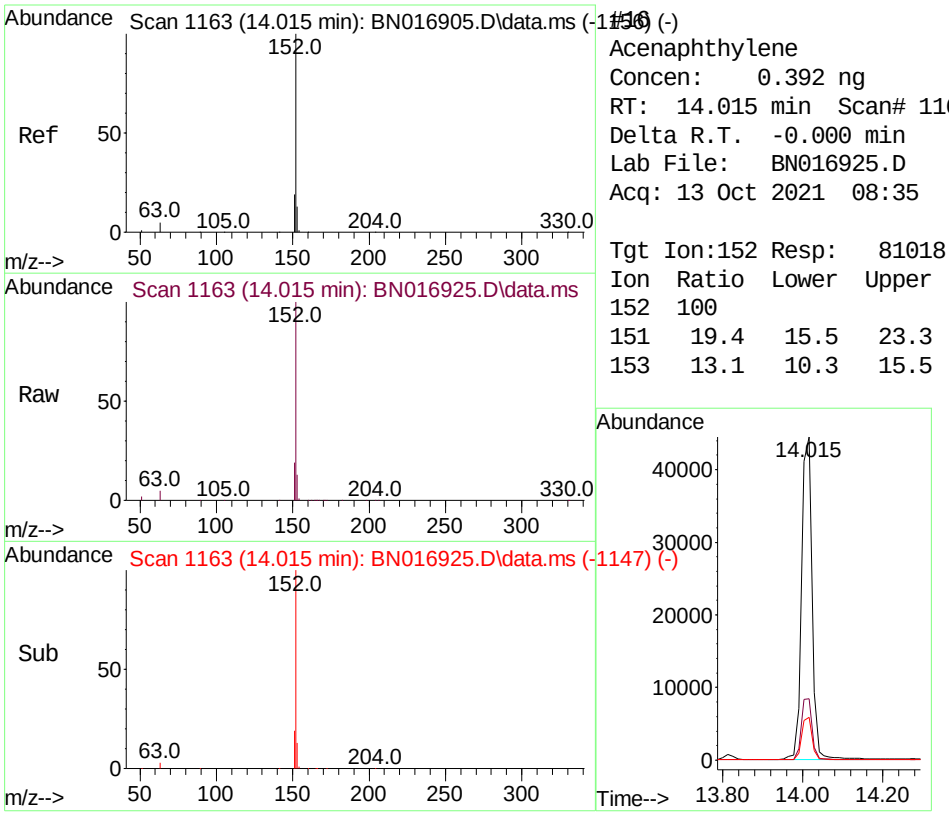
Instrument :
BNA_N
ClientSampleId :
PB139838BSD



#15
2-Fluorobiphenyl
Concen: 0.396 ng
RT: 12.924 min Scan# 1077
Delta R.T. -0.000 min
Lab File: BN016925.D
Acq: 13 Oct 2021 08:35

Tgt Ion:172 Resp: 76561

Ion	Ratio	Lower	Upper
172	100		
171	33.8	27.4	41.0
170	21.8	18.1	27.1

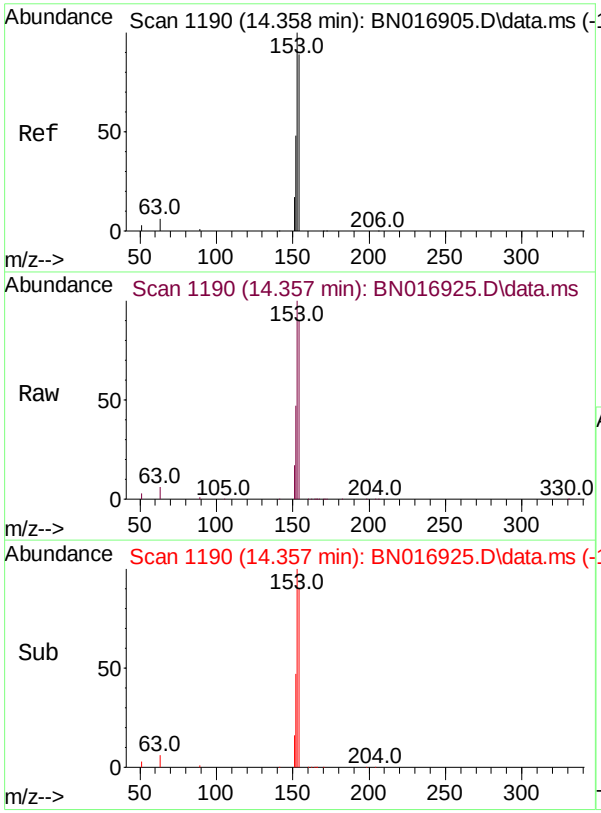


#16
Acenaphthylene
Concen: 0.392 ng
RT: 14.015 min Scan# 1163
Delta R.T. -0.000 min
Lab File: BN016925.D
Acq: 13 Oct 2021 08:35

Tgt Ion:152 Resp: 81018

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.5	23.3
153	13.1	10.3	15.5

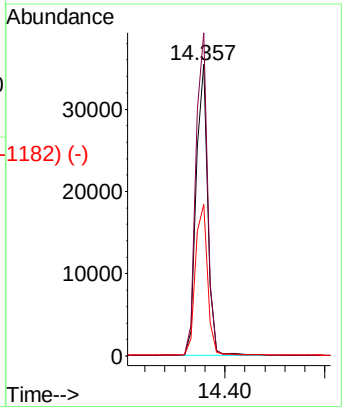
Instrument :
BNA_N
ClientSampleId :
PB139838BSD

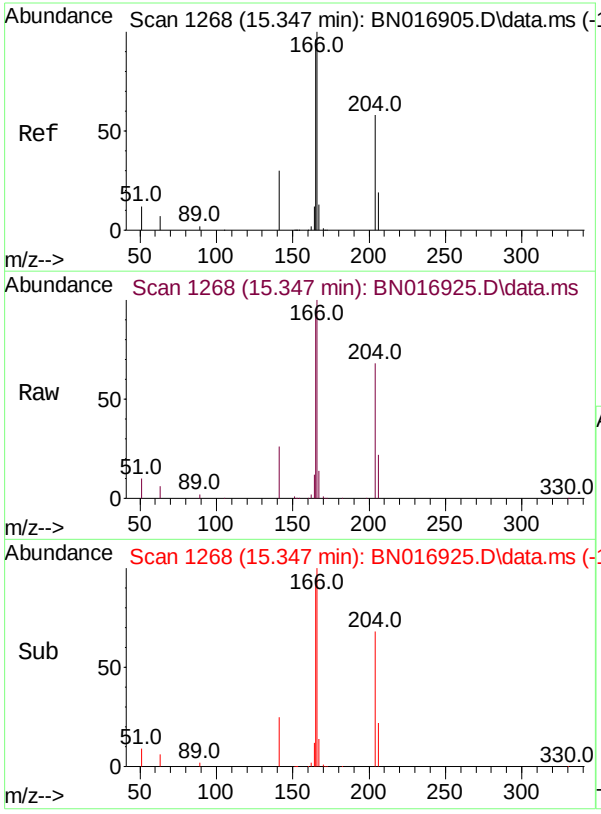


#47
Acenaphthene
Concen: 0.396 ng
RT: 14.357 min Scan# 1190
Delta R.T. -0.000 min
Lab File: BN016925.D
Acq: 13 Oct 2021 08:35

Tgt Ion:154 Resp: 56098

Ion	Ratio	Lower	Upper
154	100		
153	112.5	91.2	136.8
152	54.4	44.4	66.6

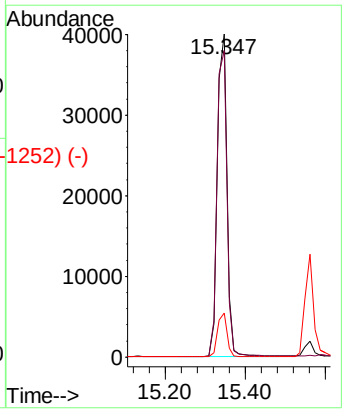


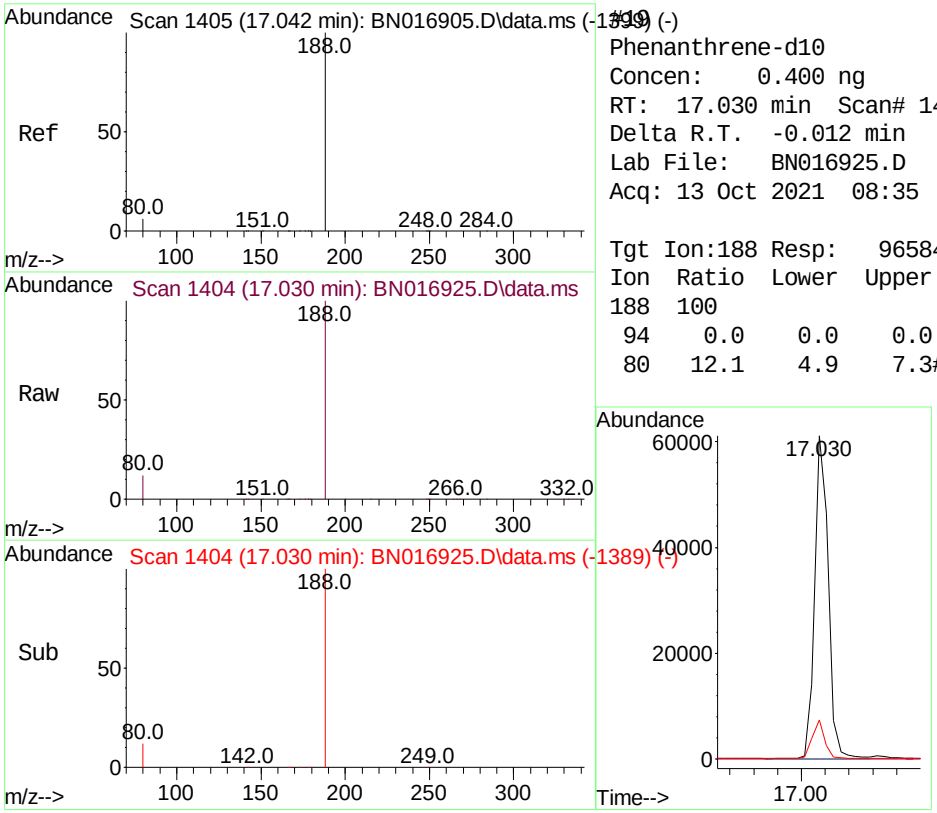


#48
Fluorene
Concen: 0.397 ng
RT: 15.347 min Scan# 1268
Delta R.T. -0.000 min
Lab File: BN016925.D
Acq: 13 Oct 2021 08:35

Tgt Ion:166 Resp: 67100

Ion	Ratio	Lower	Upper
166	100		
165	98.1	78.1	117.1
167	13.4	10.7	16.1



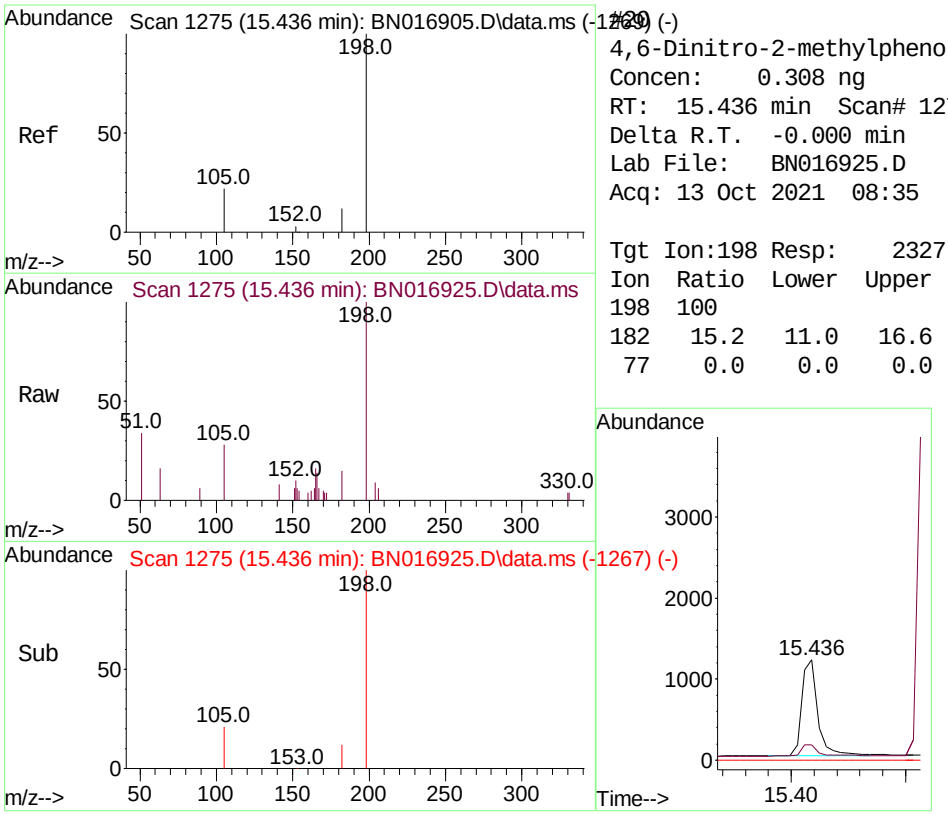


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.030 min Scan# 1404
Delta R.T. -0.012 min
Lab File: BN016925.D
Acq: 13 Oct 2021 08:35

Tgt Ion:188 Resp: 96584

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.1	4.9	7.3#

Instrument :
BNA_N
ClientSampleId :
PB139838BSD

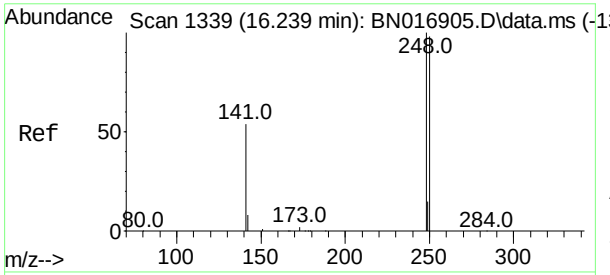


#20
4,6-Dinitro-2-methylphenol
Concen: 0.308 ng
RT: 15.436 min Scan# 1275
Delta R.T. -0.000 min
Lab File: BN016925.D
Acq: 13 Oct 2021 08:35

Tgt Ion:198 Resp: 2327

Ion	Ratio	Lower	Upper
198	100		
182	15.2	11.0	16.6
77	0.0	0.0	0.0

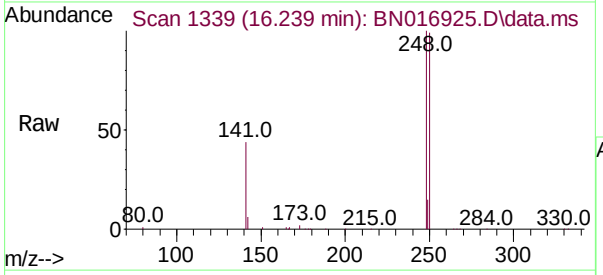
Instrument :
BNA_N
ClientSampleId :
PB139838BSD

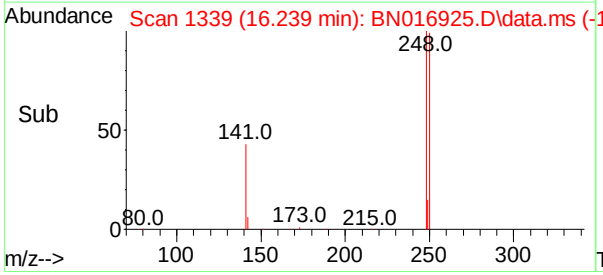


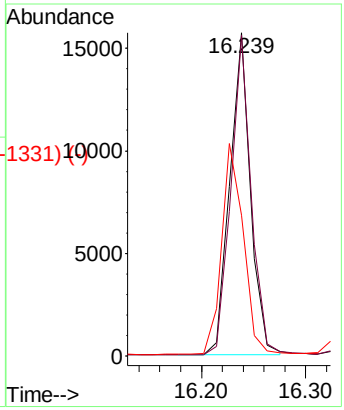
#21
4-Bromophenyl-phenylether
Concen: 0.385 ng
RT: 16.239 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BN016925.D
Acq: 13 Oct 2021 08:35

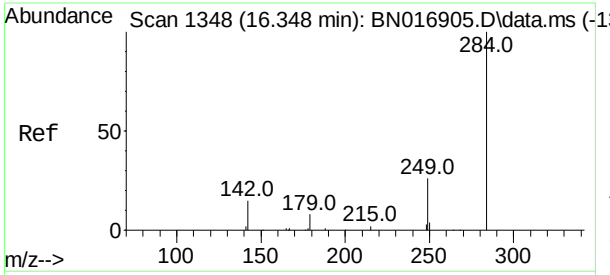
Tgt Ion:248 Resp: 21812

Ion	Ratio	Lower	Upper
248	100		
250	99.2	78.2	117.2
141	43.6	43.1	64.7





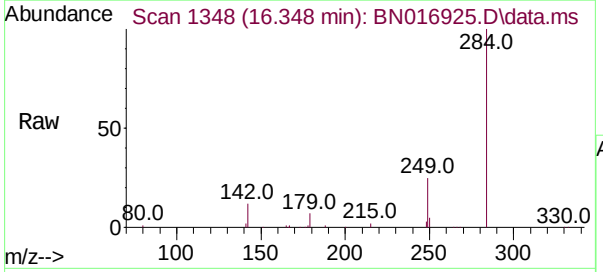


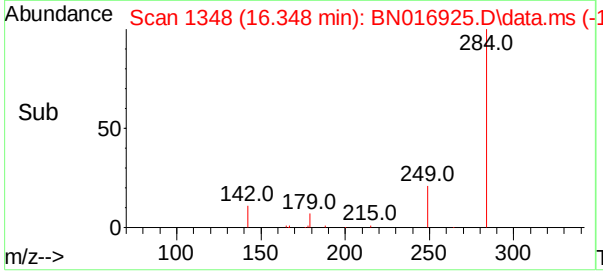


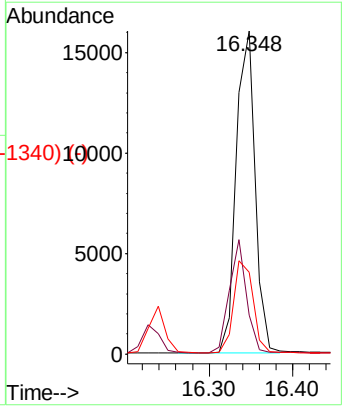
#22
Hexachlorobenzene
Concen: 0.386 ng
RT: 16.348 min Scan# 1348
Delta R.T. 0.000 min
Lab File: BN016925.D
Acq: 13 Oct 2021 08:35

Tgt Ion:284 Resp: 25337

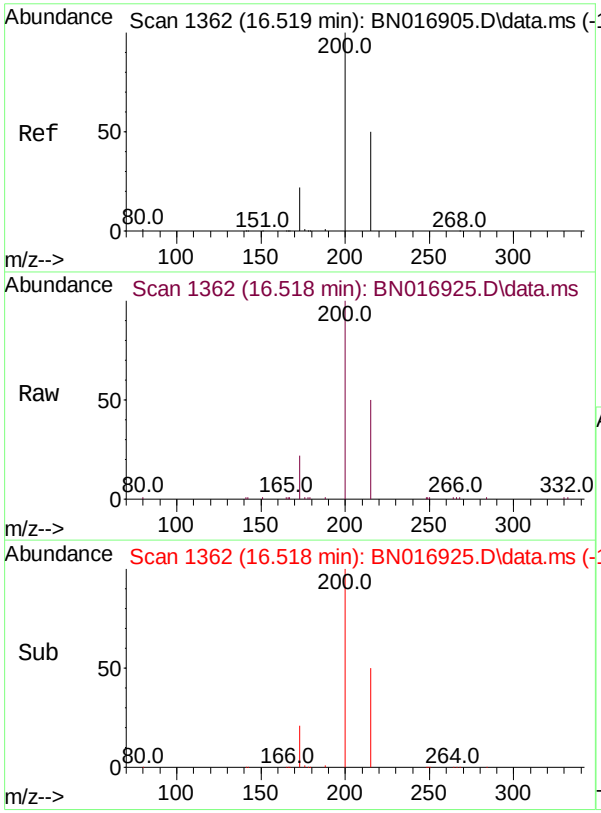
Ion	Ratio	Lower	Upper
284	100		
142	31.7	25.1	37.7
249	29.5	23.2	34.8







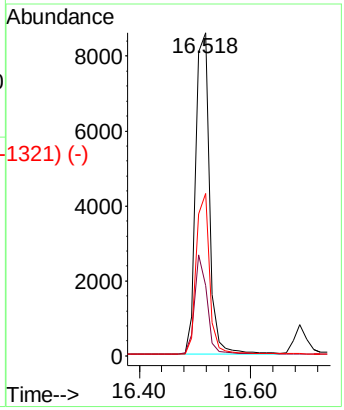
Instrument :
BNA_N
ClientSampleId :
PB139838BSD

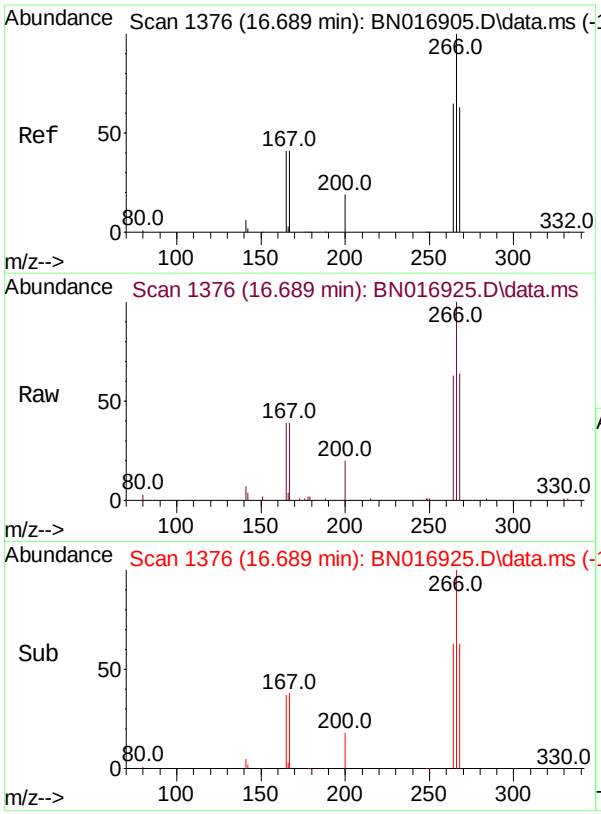


#23
Atrazine
Concen: 0.395 ng
RT: 16.518 min Scan# 1362
Delta R.T. -0.001 min
Lab File: BN016925.D
Acq: 13 Oct 2021 08:35

Tgt Ion:200 Resp: 14677

Ion	Ratio	Lower	Upper
200	100		
173	21.8	18.0	27.0
215	50.4	40.0	60.0

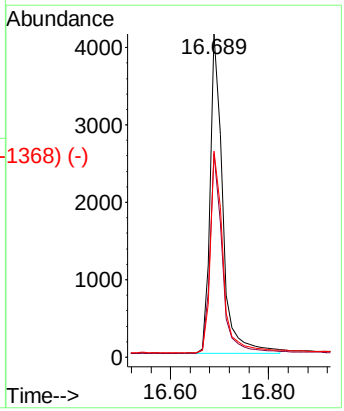




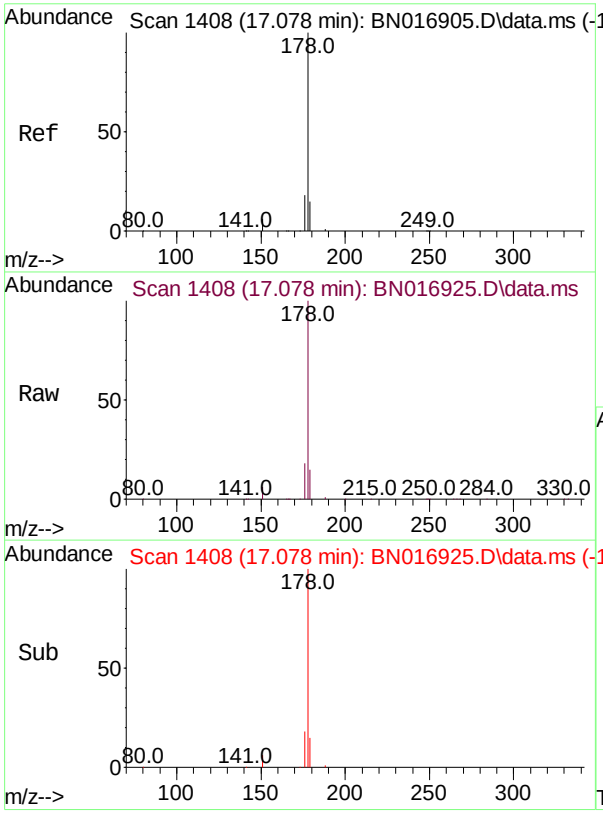
#24
Pentachlorophenol
Concen: 0.422 ng
RT: 16.689 min Scan# 1376
Delta R.T. -0.000 min
Lab File: BN016925.D
Acq: 13 Oct 2021 08:35

Tgt Ion:266 Resp: 7280

Ion	Ratio	Lower	Upper
266	100		
264	62.4	50.5	75.7
268	64.2	51.2	76.8



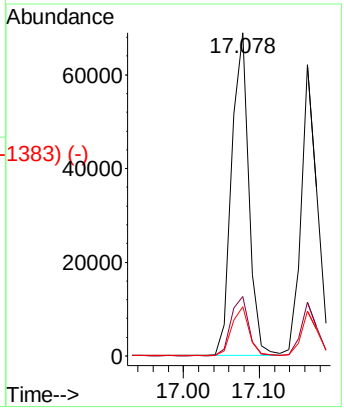
Instrument :
BNA_N
ClientSampleId :
PB139838BSD

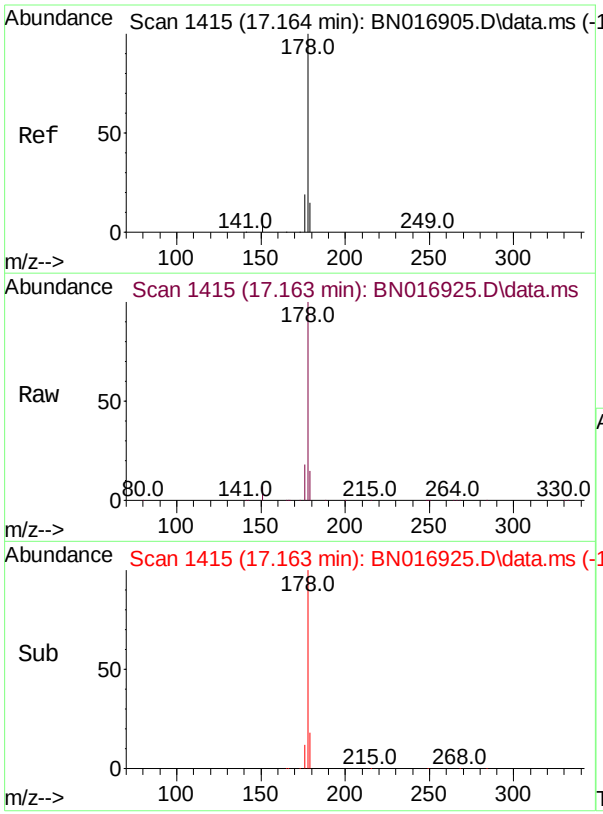


#25
Phenanthrene
Concen: 0.393 ng
RT: 17.078 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BN016925.D
Acq: 13 Oct 2021 08:35

Tgt Ion:178 Resp: 108050

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.4
179	15.3	12.3	18.5

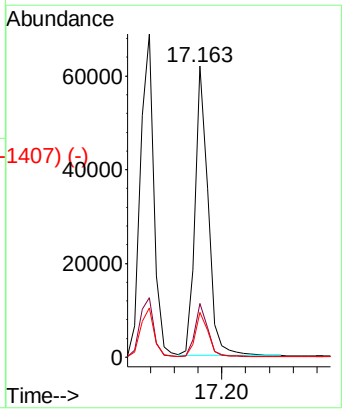




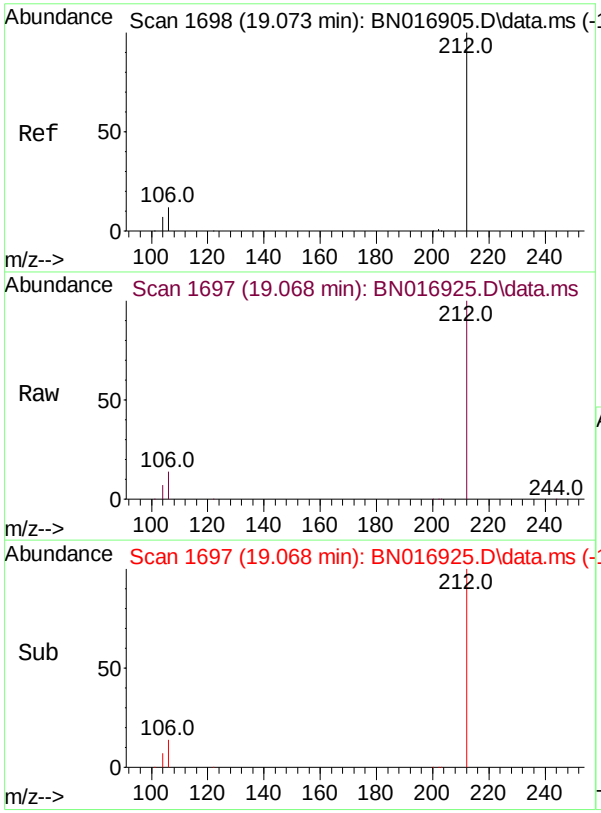
#26
Anthracene
Concen: 0.400 ng
RT: 17.163 min Scan# 1415
Delta R.T. -0.000 min
Lab File: BN016925.D
Acq: 13 Oct 2021 08:35

Tgt Ion:178 Resp: 93757

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.6	21.8
179	15.3	12.2	18.4



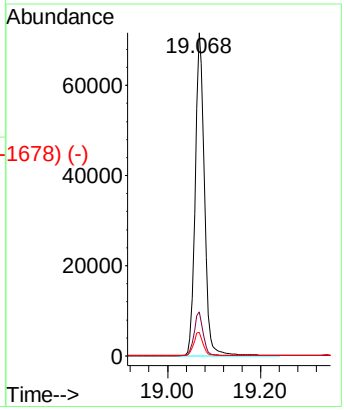
Instrument :
BNA_N
ClientSampleId :
PB139838BSD

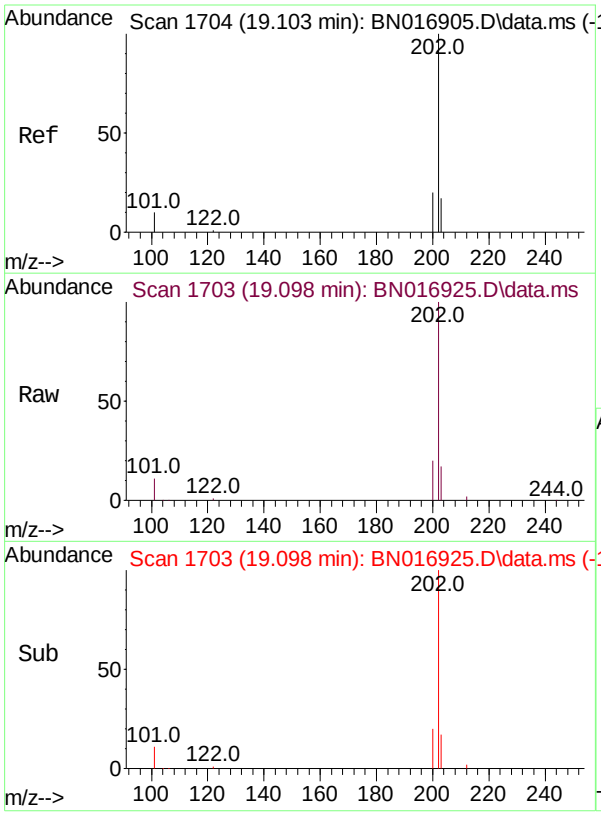


#27
Fluoranthene-d10
Concen: 0.406 ng
RT: 19.068 min Scan# 1697
Delta R.T. -0.005 min
Lab File: BN016925.D
Acq: 13 Oct 2021 08:35

Tgt Ion:212 Resp: 98610

Ion	Ratio	Lower	Upper
212	100		
106	13.5	10.7	16.1
104	7.4	5.8	8.8

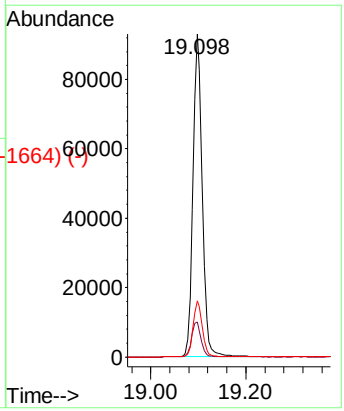




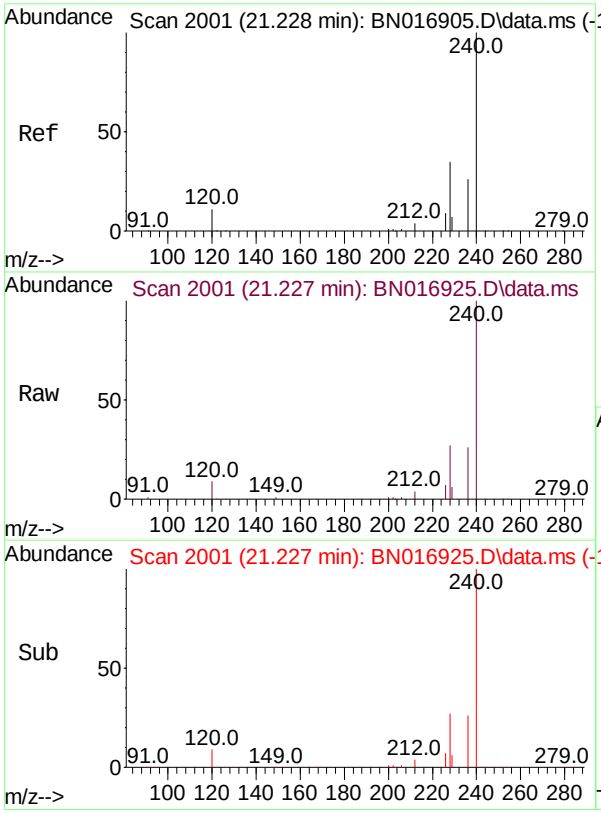
#28
Fluoranthene
Concen: 0.421 ng
RT: 19.098 min Scan# 1703
Delta R.T. -0.005 min
Lab File: BN016925.D
Acq: 13 Oct 2021 08:35

Tgt Ion:202 Resp: 124968

Ion	Ratio	Lower	Upper
202	100		
101	11.3	9.0	13.4
203	17.3	13.8	20.8



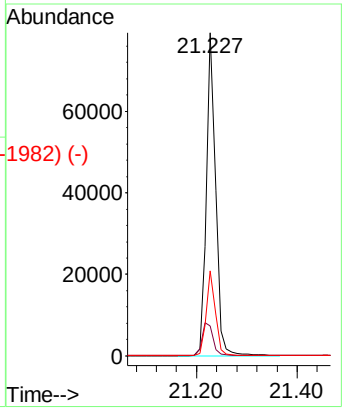
Instrument :
BNA_N
ClientSampleId :
PB139838BSD

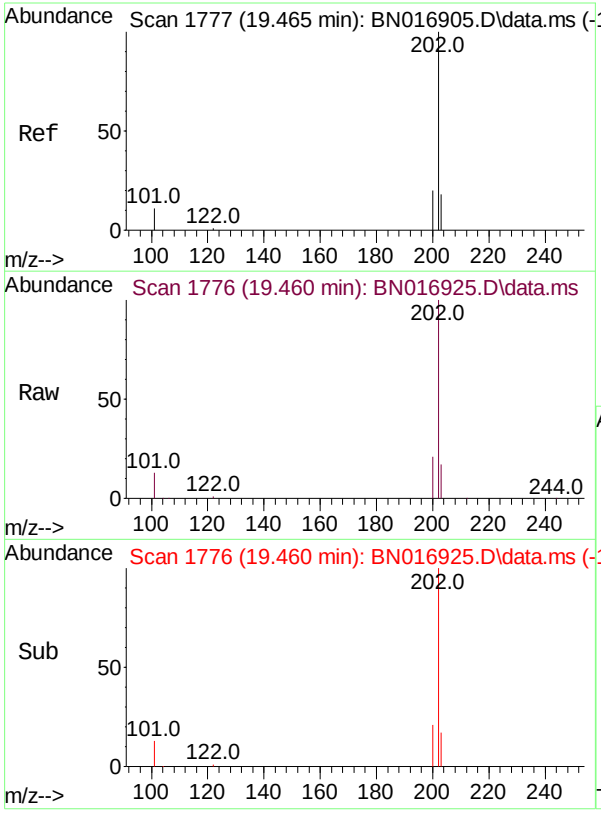


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.227 min Scan# 2001
Delta R.T. -0.000 min
Lab File: BN016925.D
Acq: 13 Oct 2021 08:35

Tgt Ion:240 Resp: 101364

Ion	Ratio	Lower	Upper
240	100		
120	9.3	8.6	12.8
236	26.2	21.0	31.4

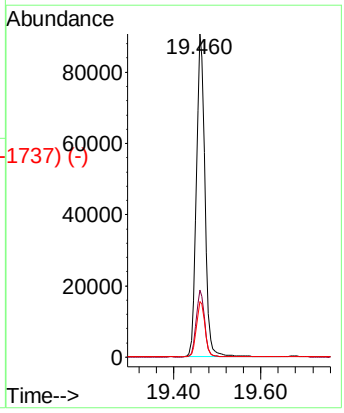




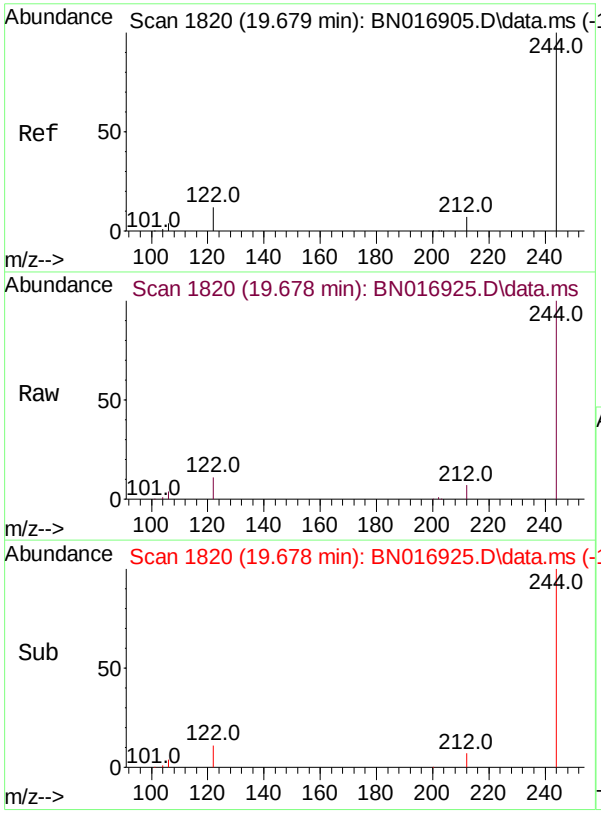
#30
Pyrene
Concen: 0.387 ng
RT: 19.460 min Scan# 1776
Delta R.T. -0.005 min
Lab File: BN016925.D
Acq: 13 Oct 2021 08:35

Tgt Ion:202 Resp: 124850

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.5	24.7
203	17.5	14.0	21.0



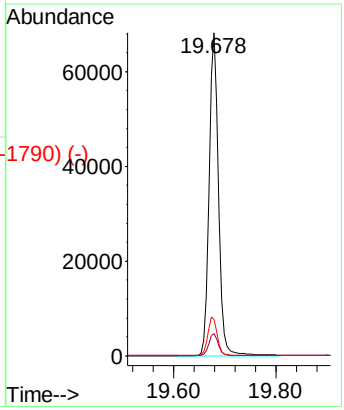
Instrument :
BNA_N
ClientSampleId :
PB139838BSD

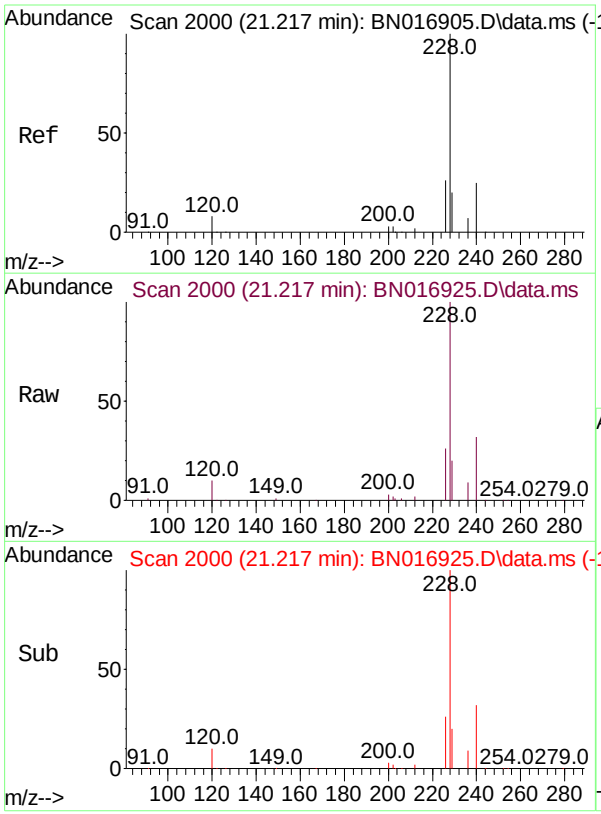


#31
Terphenyl-d14
Concen: 0.384 ng
RT: 19.678 min Scan# 1820
Delta R.T. -0.000 min
Lab File: BN016925.D
Acq: 13 Oct 2021 08:35

Tgt Ion:244 Resp: 85552

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	11.3	9.8	14.6

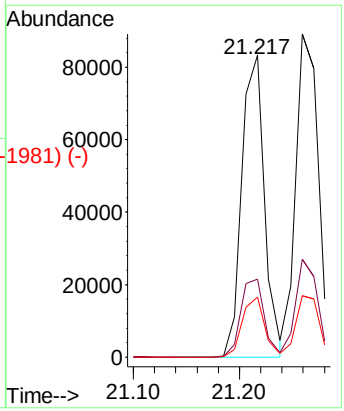




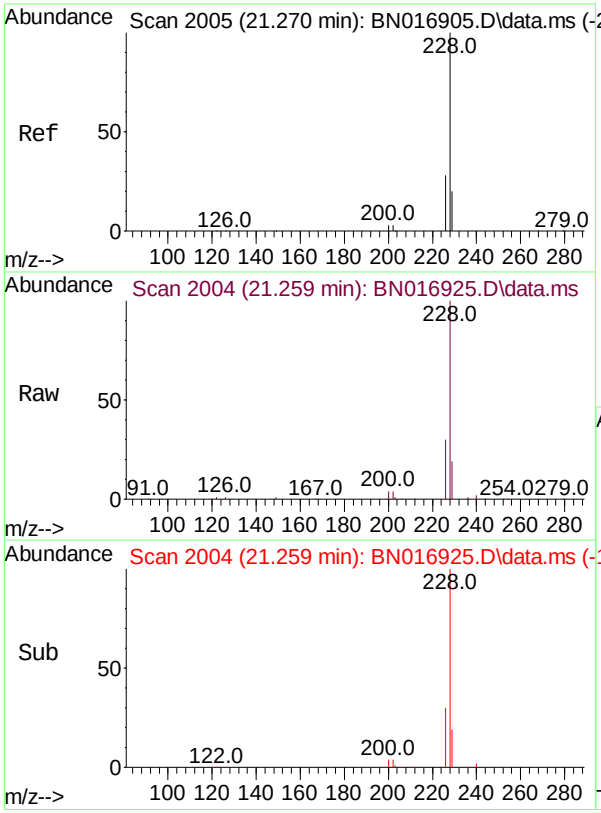
#32
Benzo(a)anthracene
Concen: 0.404 ng
RT: 21.217 min Scan# 2000
Delta R.T. -0.000 min
Lab File: BN016925.D
Acq: 13 Oct 2021 08:35

Tgt Ion:228 Resp: 123143

Ion	Ratio	Lower	Upper
228	100		
226	25.7	20.6	31.0
229	19.9	15.8	23.8



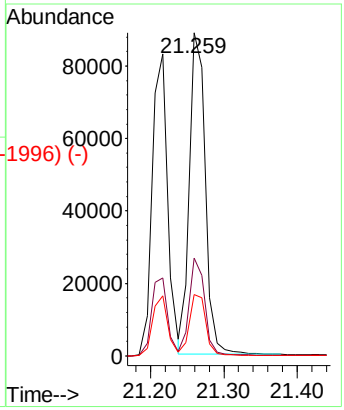
Instrument :
BNA_N
ClientSampleId :
PB139838BSD

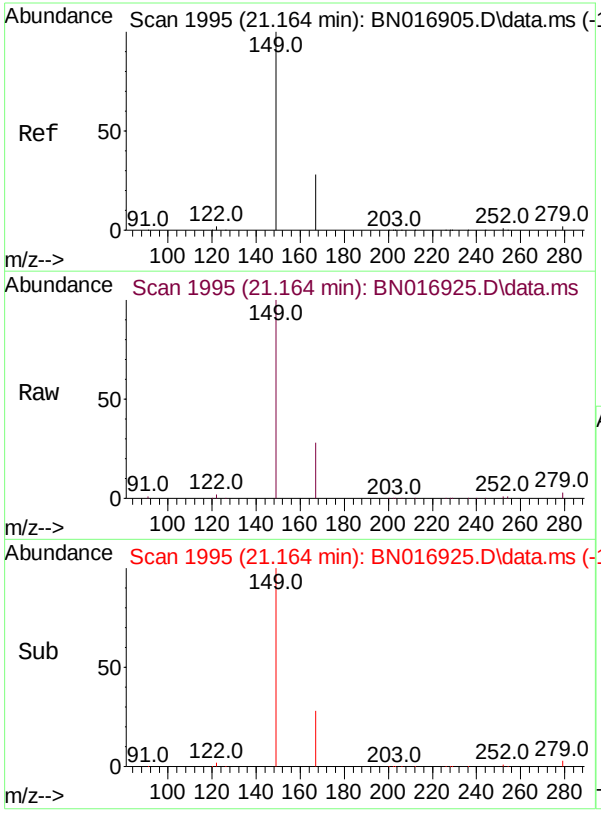


#32
Chrysene
Concen: 0.404 ng
RT: 21.259 min Scan# 2004
Delta R.T. -0.011 min
Lab File: BN016925.D
Acq: 13 Oct 2021 08:35

Tgt Ion:228 Resp: 133154

Ion	Ratio	Lower	Upper
228	100		
226	30.4	22.6	34.0
229	19.1	16.0	24.0

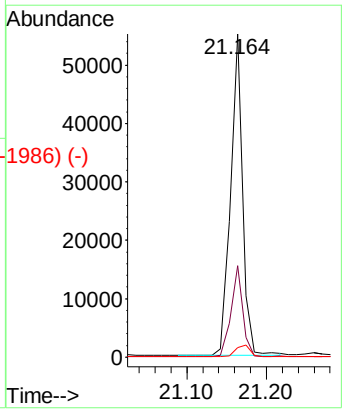




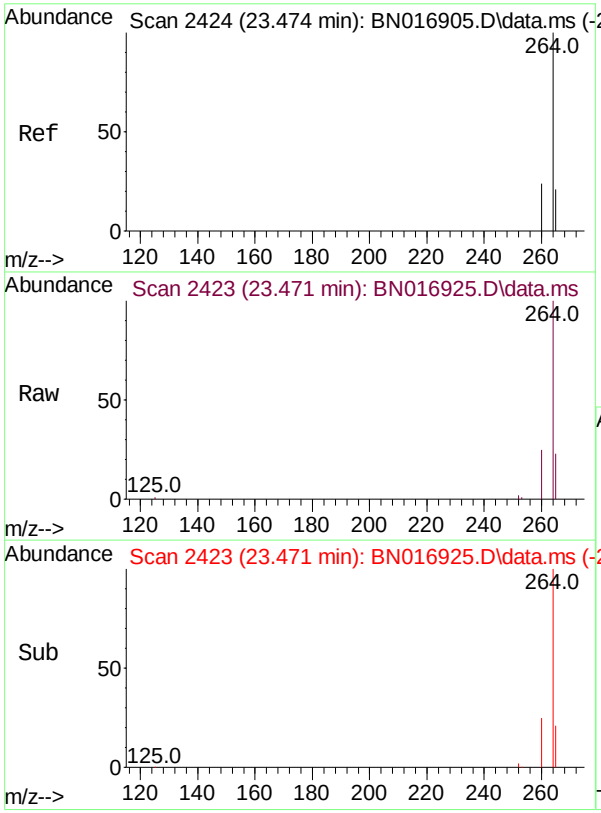
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.489 ng
RT: 21.164 min Scan# 1995
Delta R.T. -0.000 min
Lab File: BN016925.D
Acq: 13 Oct 2021 08:35

Tgt Ion:149 Resp: 57775

Ion	Ratio	Lower	Upper
149	100		
167	27.6	22.1	33.1
279	4.4	3.4	5.0



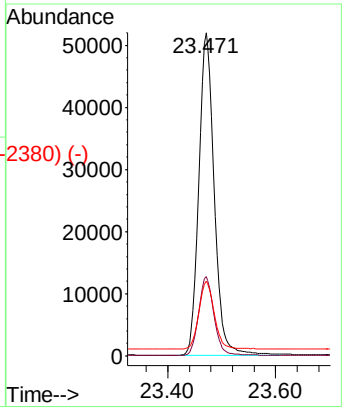
Instrument :
BNA_N
ClientSampleId :
PB139838BSD

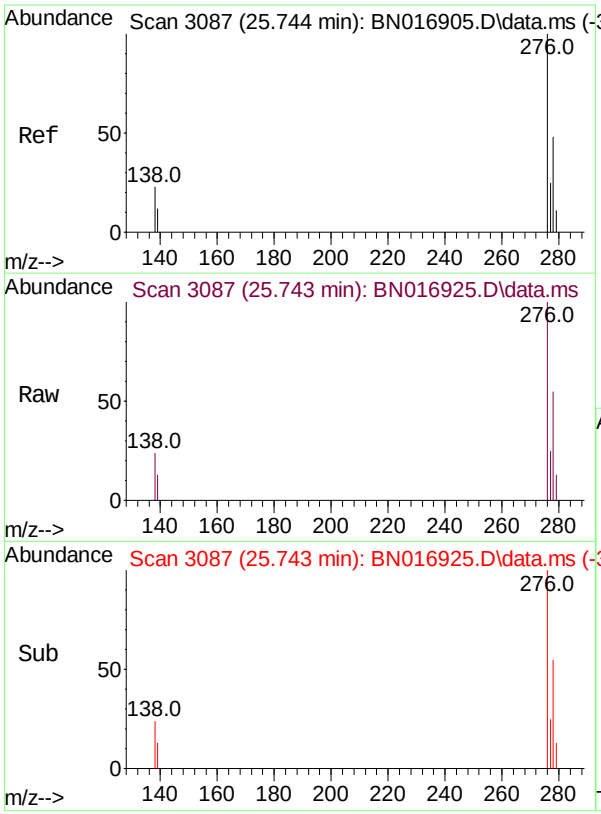


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.471 min Scan# 2423
Delta R.T. -0.004 min
Lab File: BN016925.D
Acq: 13 Oct 2021 08:35

Tgt Ion:264 Resp: 103227

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.2
265	23.1	18.6	27.8

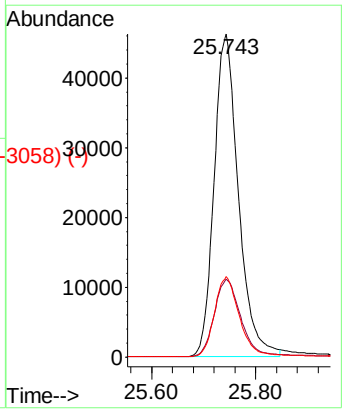




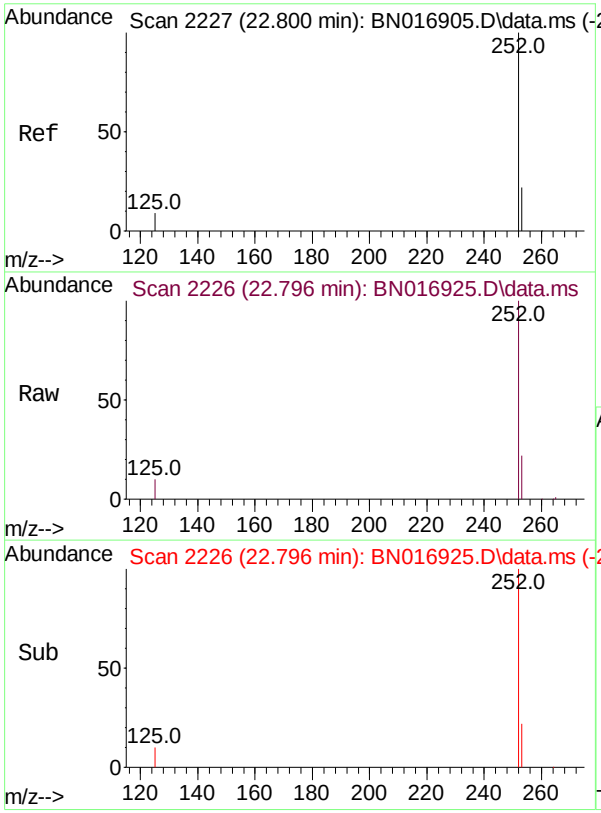
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.384 ng
RT: 25.743 min Scan# 3087
Delta R.T. -0.000 min
Lab File: BN016925.D
Acq: 13 Oct 2021 08:35

Tgt Ion:276 Resp: 150011

Ion	Ratio	Lower	Upper
276	100		
138	25.8	20.2	30.4
277	25.2	20.2	30.4



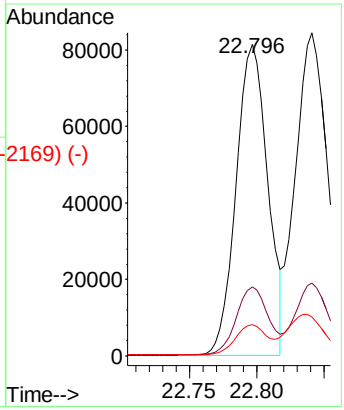
Instrument :
BNA_N
ClientSampleId :
PB139838BSD

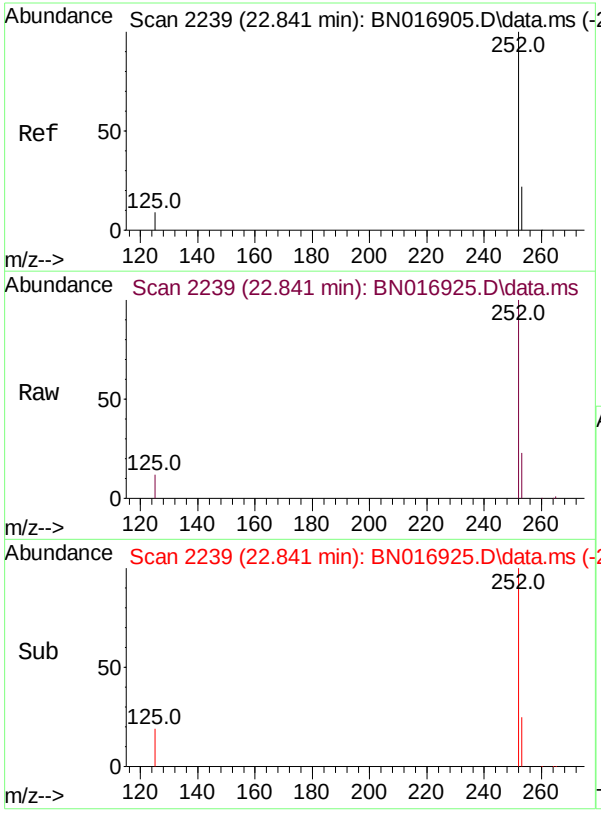


#37
Benzo(b)fluoranthene
Concen: 0.401 ng
RT: 22.796 min Scan# 2226
Delta R.T. -0.004 min
Lab File: BN016925.D
Acq: 13 Oct 2021 08:35

Tgt Ion:252 Resp: 132628

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.7	26.5
125	10.0	7.8	11.8

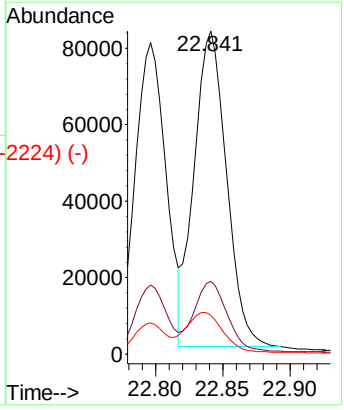




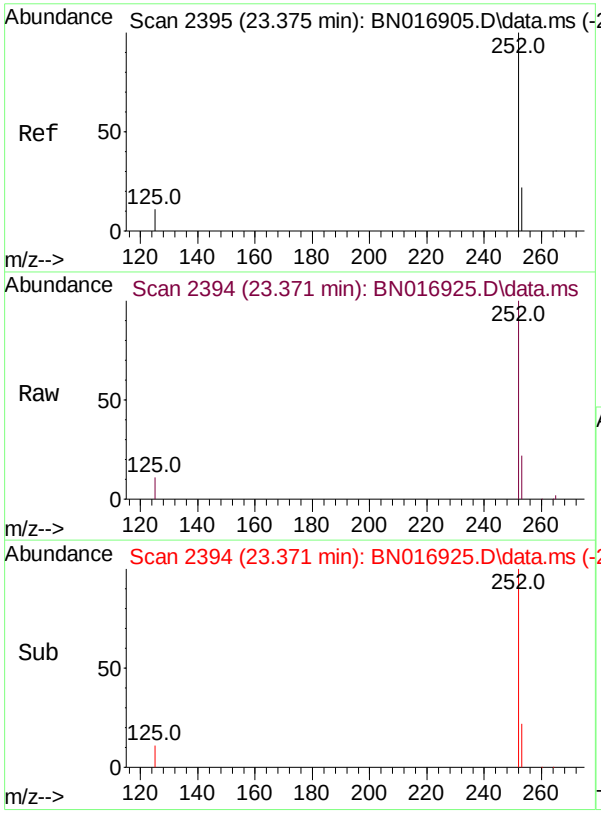
#38
Benzo(k)fluoranthene
Concen: 0.421 ng
RT: 22.841 min Scan# 2239
Delta R.T. -0.000 min
Lab File: BN016925.D
Acq: 13 Oct 2021 08:35

Tgt Ion:252 Resp: 137994

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.1	27.1
125	12.0	9.8	14.8



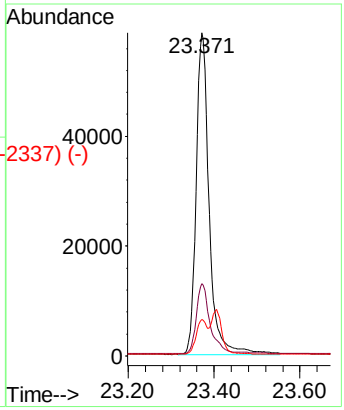
Instrument :
BNA_N
ClientSampleId :
PB139838BSD

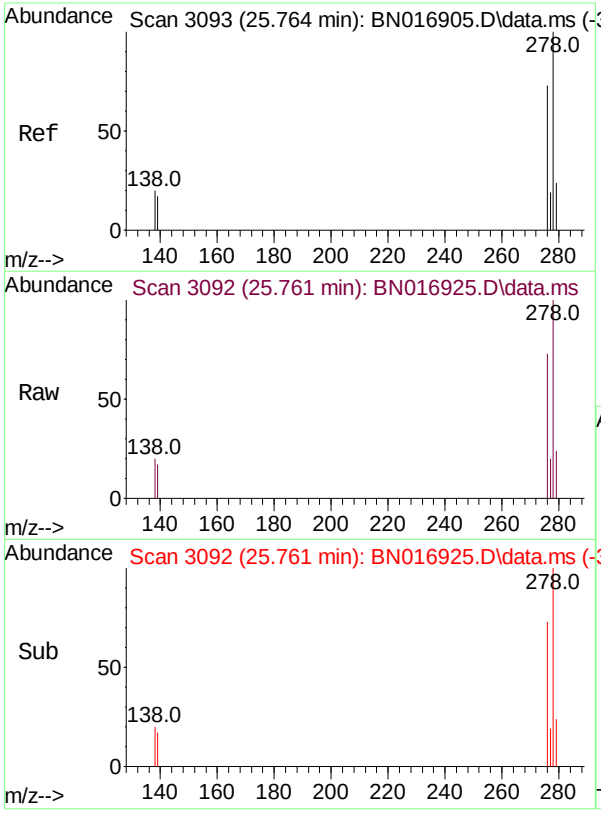


#39
Benzo(a)pyrene
Concen: 0.406 ng
RT: 23.371 min Scan# 2394
Delta R.T. -0.004 min
Lab File: BN016925.D
Acq: 13 Oct 2021 08:35

Tgt Ion:252 Resp: 122608

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.1	27.1
125	11.3	9.0	13.4

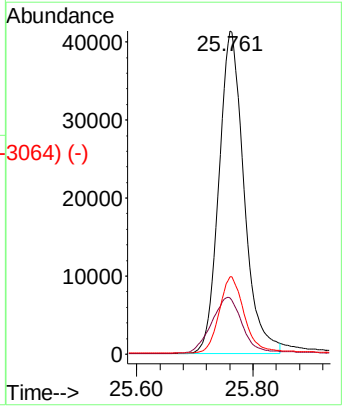


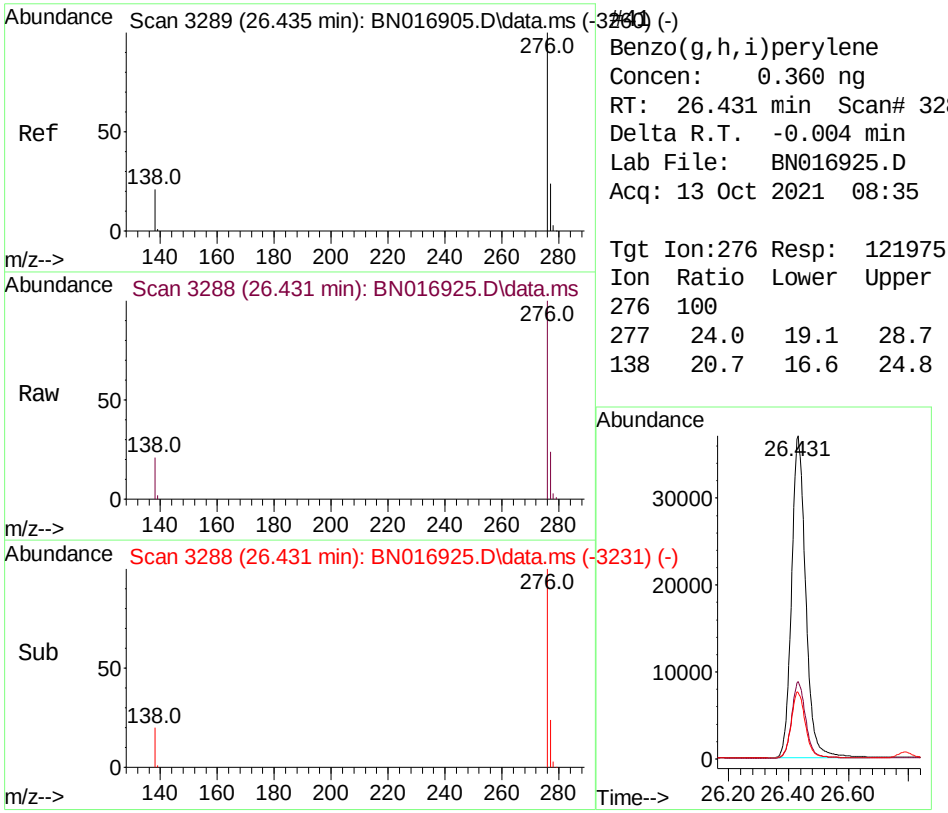


#40
Dibenzo(a,h)anthracene
Concen: 0.391 ng
RT: 25.761 min Scan# 3092
Delta R.T. -0.004 min
Lab File: BN016925.D
Acq: 13 Oct 2021 08:35

Tgt Ion:278 Resp: 123998

Ion	Ratio	Lower	Upper
278	100		
139	17.4	13.8	20.6
279	24.0	19.0	28.6





#41
Benzo(g,h,i)perylene
Concen: 0.360 ng
RT: 26.431 min Scan# 3288
Delta R.T. -0.004 min
Lab File: BN016925.D
Acq: 13 Oct 2021 08:35

Tgt Ion:276 Resp: 121975

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.1	28.7
138	20.7	16.6	24.8

Instrument :
BNA_N
ClientSampleId :
PB139838BSD