Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092921\
Data File : BN016578.D
Acq On : 29 Sep 2021 16:16
Operator : CG/JU
Sample : M3922-02MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Sep 29 16:49:47 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN092821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 29 10:56:17 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.651	152	25286	0.400	ng		0.00
7) Naphthalene-d8	10.419	136	121164	0.400	ng	#	0.00
13) Acenaphthene-d10	14.281	164	65710	0.400	ng	#	0.00
19) Phenanthrene-d10	17.042	188	129765	0.400	ng	#	0.01
29) Chrysene-d12	21.248	240	124392	0.400	ng	#	0.00
35) Perylene-d12	23.505	264	115870	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.300	112	16625	0.264	ng		0.02
5) Phenol-d6	6.840	99	17985	0.285	ng		0.00
8) Nitrobenzene-d5	8.797	82	17284	0.269	ng		0.00
11) 2-Methylnaphthalene-d10	12.016	152	54942	0.319	ng		0.00
14) 2,4,6-Tribromophenol	15.778	330	6442	0.225	ng		0.00
15) 2-Fluorobiphenyl	12.911	172	60097	0.222	ng		0.01
27) Fluoranthene-d10	19.078	212	92515	0.264	ng		0.00
31) Terphenyl-d14	19.688	244	65922	0.246	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.281	88	3770	0.346	ng	#	36
3) n-Nitrosodimethylamine	3.594	42	6497	0.324	ng	#	43
6) bis(2-Chloroethyl)ether	7.089	93	22545	0.339	ng		89
9) Naphthalene	10.470	128	97144	0.297	ng		100
10) Hexachlorobutadiene	10.761	225	18108	0.281	ng	#	99
12) 2-Methylnaphthalene	12.092	142	65211	0.320	ng		99
16) Acenaphthylene	14.002	152	86484	0.297	ng		100
17) Acenaphthene	14.345	154	57004	0.288	ng	#	92
18) Fluorene	15.334	166	71197	0.295	ng		100
20) 4,6-Dinitro-2-methylph...	15.423	198	625	0.265	ng	#	87
21) 4-Bromophenyl-phenylether	16.238	248	25477	0.332	ng	#	71
22) Hexachlorobenzene	16.348	284	26005	0.284	ng		93
23) Atrazine	16.518	200	16884	0.357	ng		95
24) Pentachlorophenol	16.689	266	1918	0.254	ng		99
25) Phenanthrene	17.078	178	117714	0.302	ng		100
26) Anthracene	17.163	178	105053	0.310	ng		99
28) Fluoranthene	19.107	202	134773	0.316	ng	#	98
30) Pyrene	19.470	202	138544	0.327	ng		99
32) Benzo(a)anthracene	21.227	228	136326	0.354	ng		99
33) Chrysene	21.280	228	134087	0.341	ng		99
34) Bis(2-ethylhexyl)phtha...	21.185	149	77910	0.679	ng		99
36) Indeno(1,2,3-cd)pyrene	25.795	276	117640	0.318	ng		95
37) Benzo(b)fluoranthene	22.824	252	136123	0.352	ng		98
38) Benzo(k)fluoranthene	22.868	252	133725	0.355	ng	#	93
39) Benzo(a)pyrene	23.402	252	120531	0.340	ng		98
40) Dibenzo(a,h)anthracene	25.815	278	97313	0.379	ng	#	94
41) Benzo(g,h,i)perylene	26.493	276	93997	0.280	ng		97

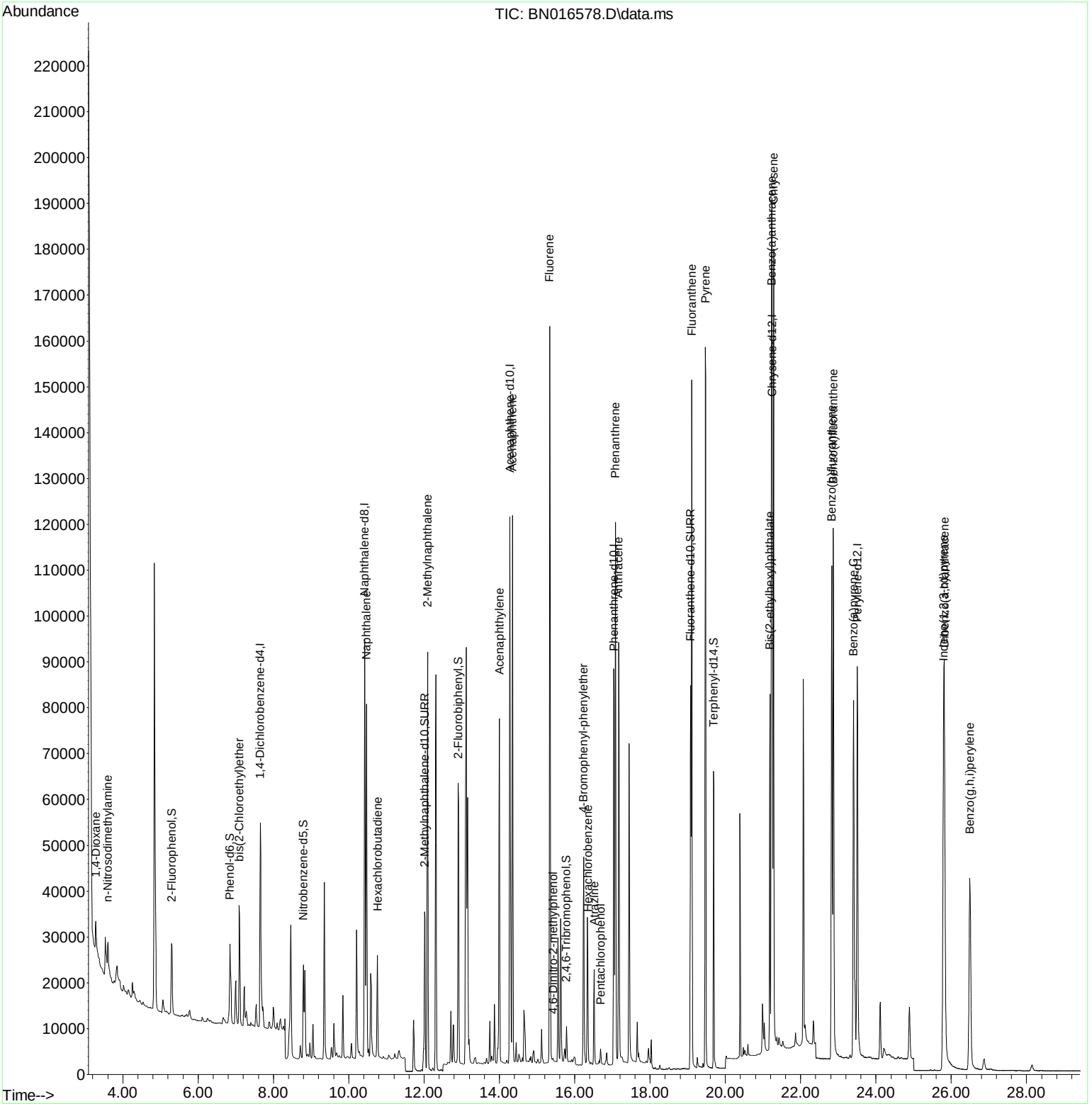
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

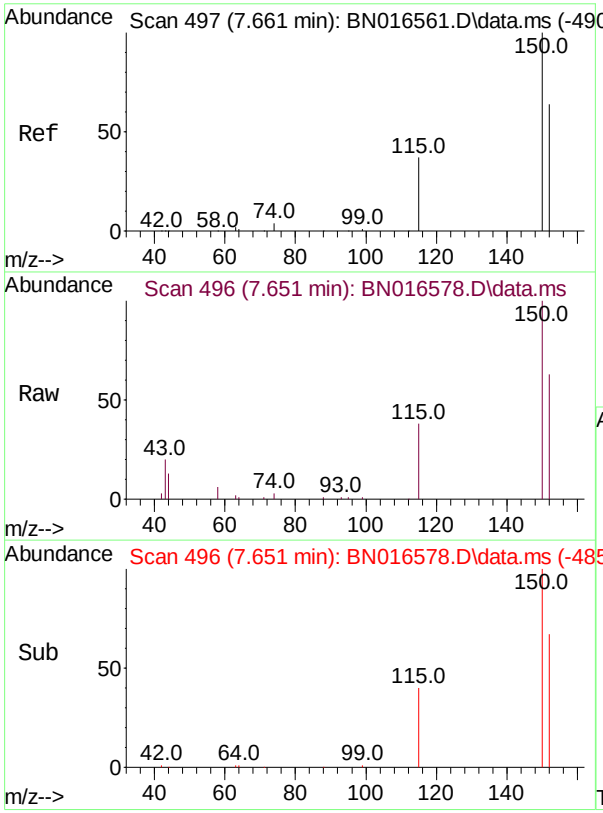
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092921\
Data File : BN016578.D
Acq On : 29 Sep 2021 16:16
Operator : CG/JU
Sample : M3922-02MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Sep 29 16:49:47 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN092821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 29 10:56:17 2021
Response via : Initial Calibration



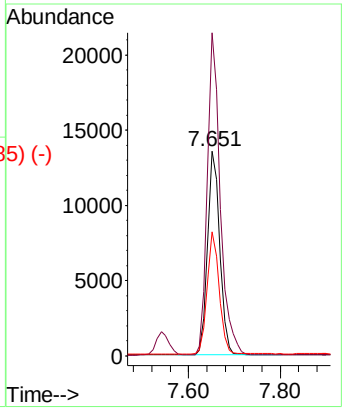
Instrument :
BNA_N
ClientSampleId :

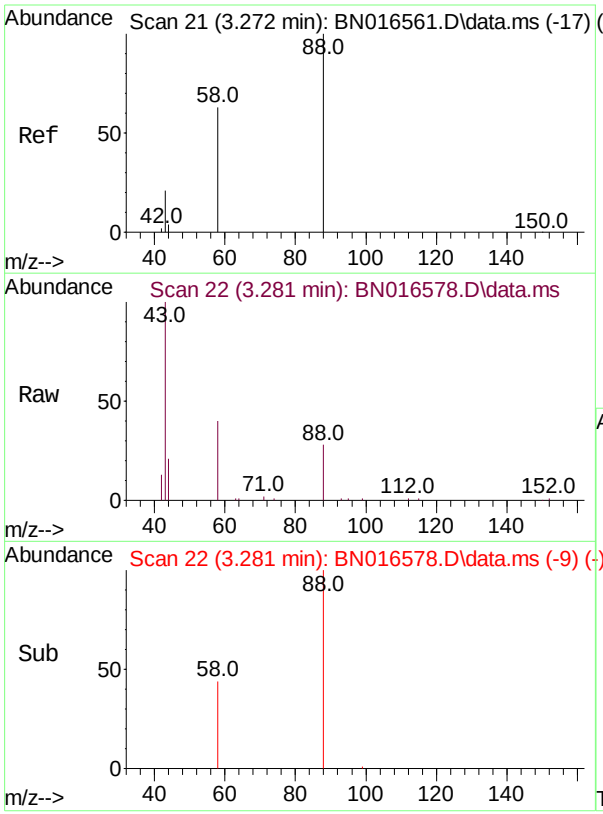


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.651 min Scan# 496
Delta R.T. -0.001 min
Lab File: BN016578.D
Acq: 29 Sep 2021 16:16

Tgt Ion:152 Resp: 25286

Ion	Ratio	Lower	Upper
152	100		
150	157.6	125.1	187.7
115	60.5	45.8	68.8

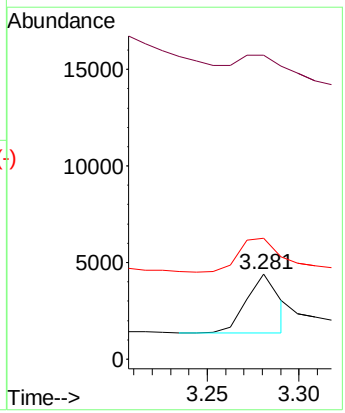




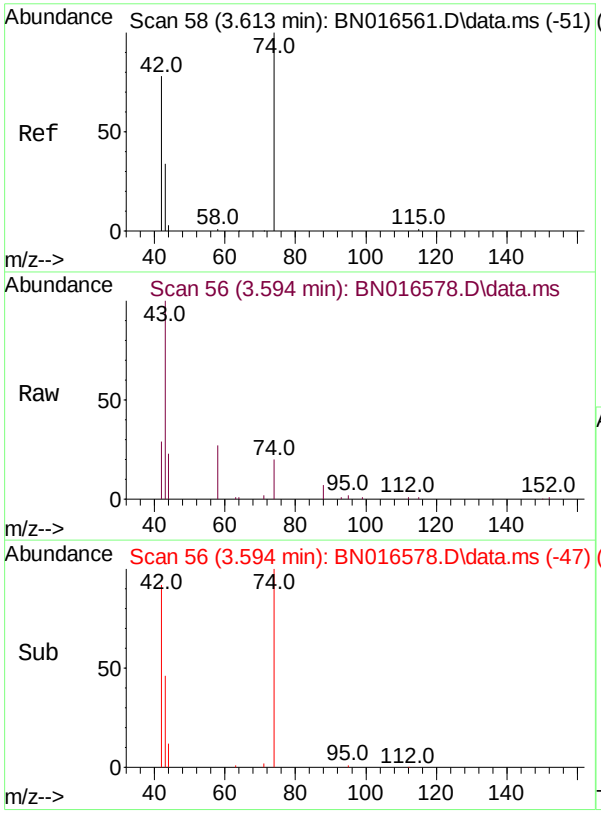
#2
1,4-Dioxane
Concen: 0.346 ng
RT: 3.281 min Scan# 22
Delta R.T. 0.018 min
Lab File: BN016578.D
Acq: 29 Sep 2021 16:16

Tgt Ion: 88 Resp: 3770

Ion	Ratio	Lower	Upper
88	100		
43	0.0	75.8	113.8#
58	68.5	81.6	122.4#



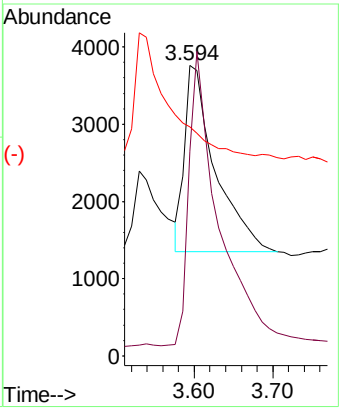
Instrument :
BNA_N
ClientSampleId :

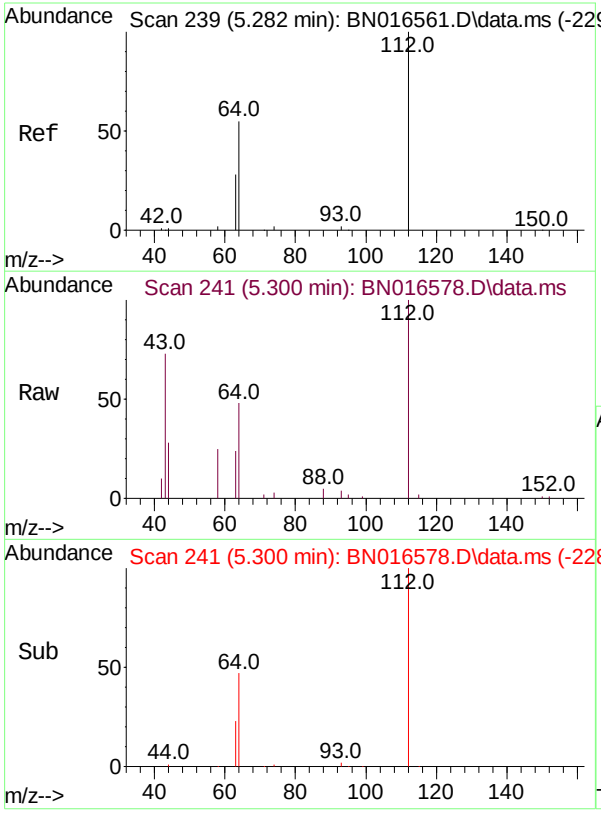


#3
n-Nitrosodimethylamine
Concen: 0.324 ng
RT: 3.594 min Scan# 56
Delta R.T. -0.019 min
Lab File: BN016578.D
Acq: 29 Sep 2021 16:16

Tgt Ion: 42 Resp: 6497

Ion	Ratio	Lower	Upper
42	100		
74	153.1	77.5	116.3#
44	0.0	0.0	0.0

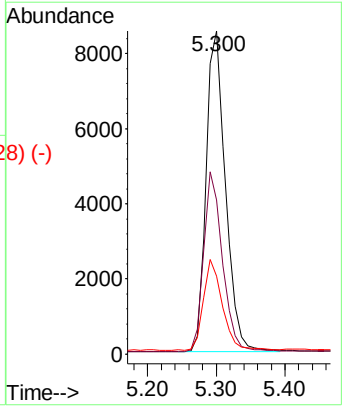




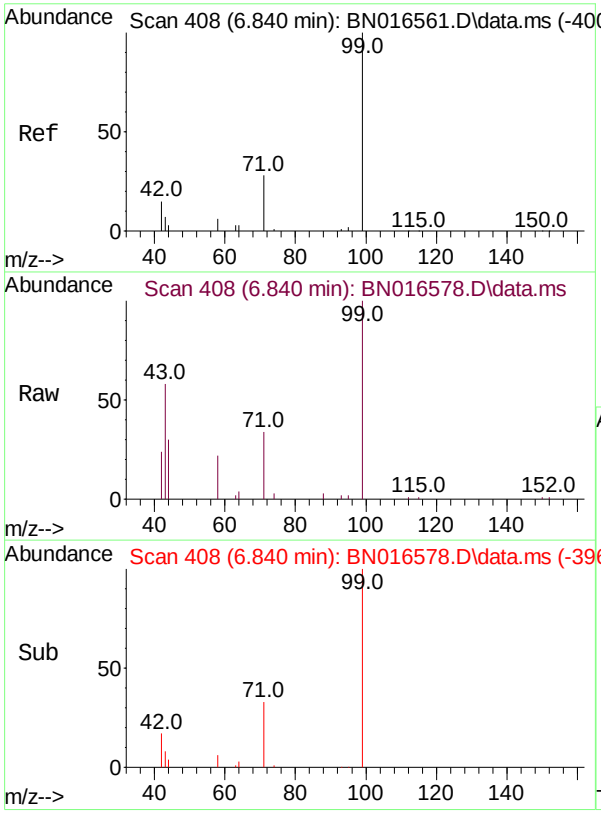
#4
2-Fluorophenol
Concen: 0.264 ng
RT: 5.300 min Scan# 241
Delta R.T. 0.018 min
Lab File: BN016578.D
Acq: 29 Sep 2021 16:16

Tgt Ion:112 Resp: 16625

Ion	Ratio	Lower	Upper
112	100		
64	54.4	48.4	72.6
63	27.8	25.4	38.2



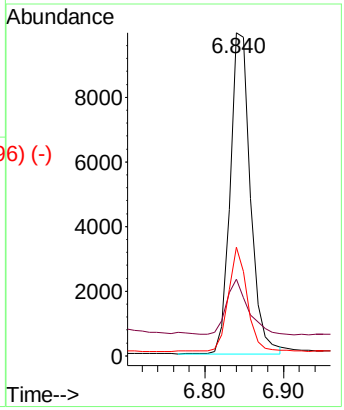
Instrument :
BNA_N
ClientSampleId :

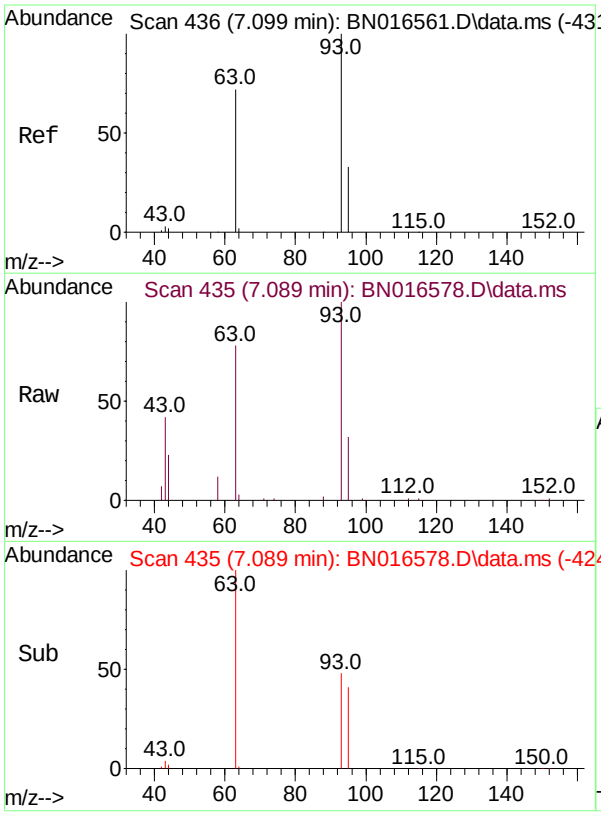


#5
Phenol-d6
Concen: 0.285 ng
RT: 6.840 min Scan# 408
Delta R.T. 0.009 min
Lab File: BN016578.D
Acq: 29 Sep 2021 16:16

Tgt Ion: 99 Resp: 17985

Ion	Ratio	Lower	Upper
99	100		
42	17.9	19.6	29.4#
71	30.1	24.2	36.2

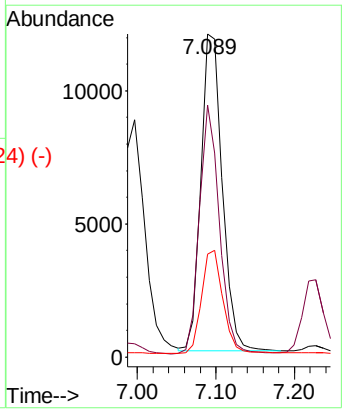


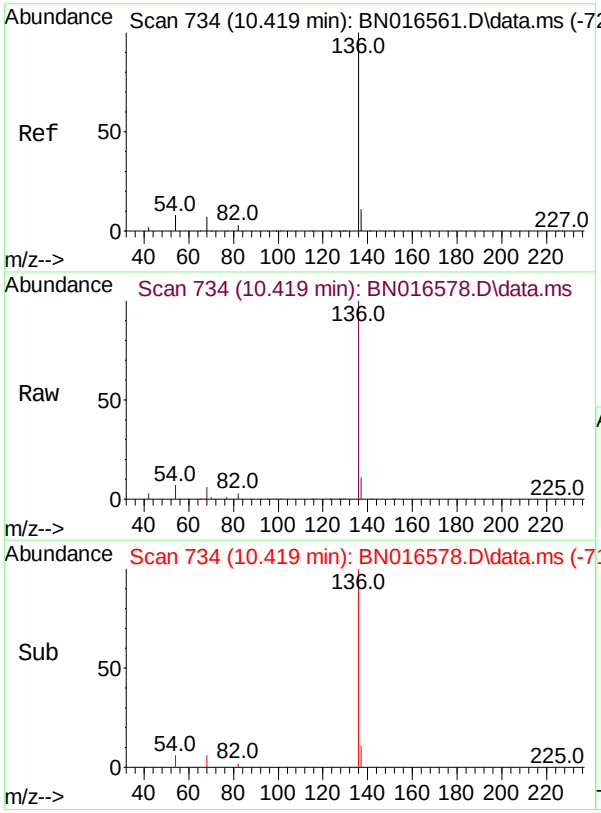


#6
bis(2-Chloroethyl)ether
Concen: 0.339 ng
RT: 7.089 min Scan# 435
Delta R.T. -0.000 min
Lab File: BN016578.D
Acq: 29 Sep 2021 16:16

Tgt Ion: 93 Resp: 22545

Ion	Ratio	Lower	Upper
93	100		
63	73.2	70.0	105.0
95	32.6	26.3	39.5

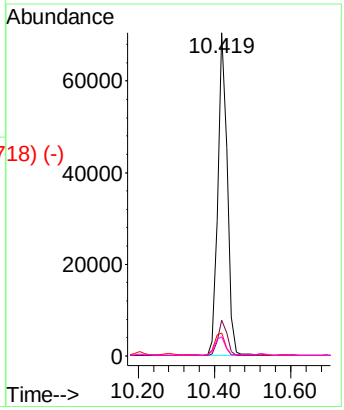


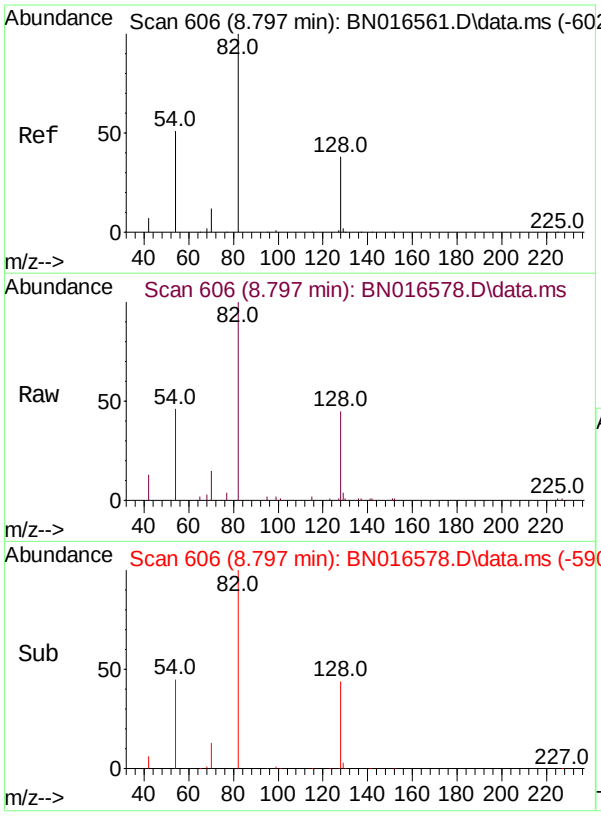


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.419 min Scan# 734
Delta R.T. -0.000 min
Lab File: BN016578.D
Acq: 29 Sep 2021 16:16

Tgt Ion:136 Resp: 121164

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.0	5.8	8.6
68	5.9	3.6	5.4#

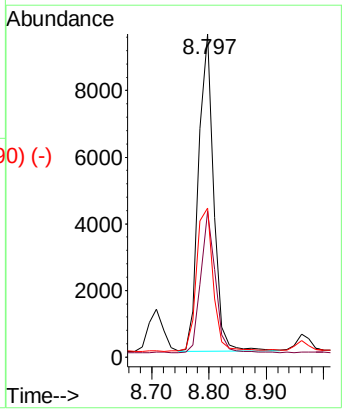




#8
Nitrobenzene-d5
Concen: 0.269 ng
RT: 8.797 min Scan# 606
Delta R.T. -0.000 min
Lab File: BN016578.D
Acq: 29 Sep 2021 16:16

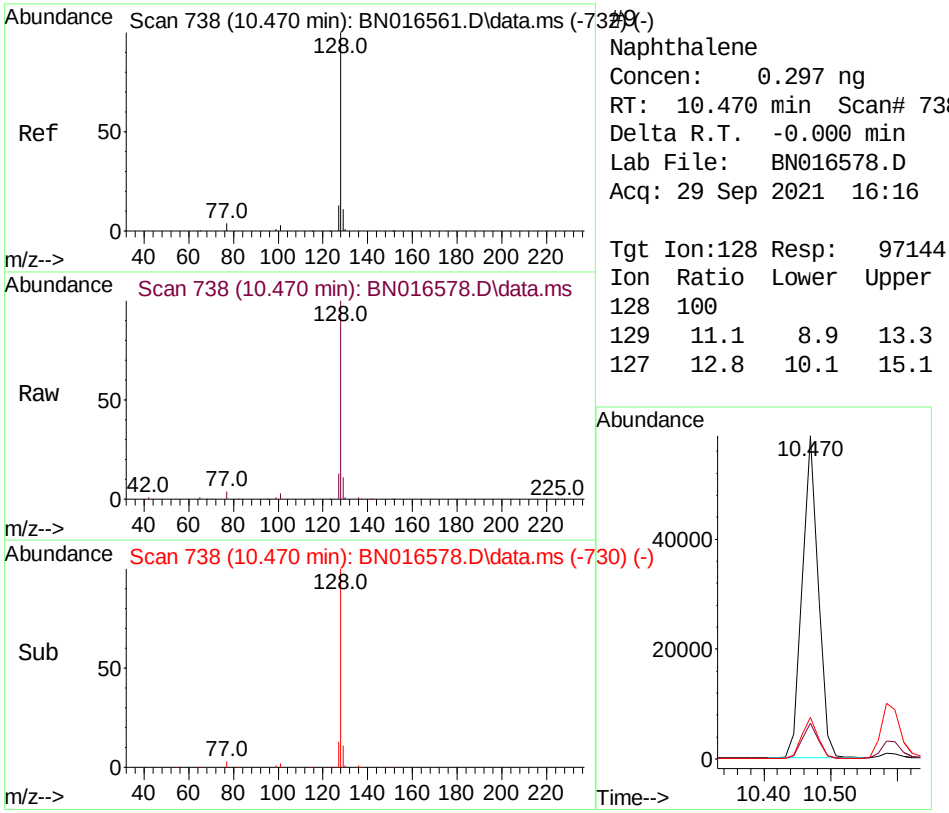
Tgt Ion: 82 Resp: 17284

Ion	Ratio	Lower	Upper
82	100		
128	45.1	27.4	41.2#
54	46.1	58.5	87.7#



Instrument :
BNA_N
ClientSampleId :

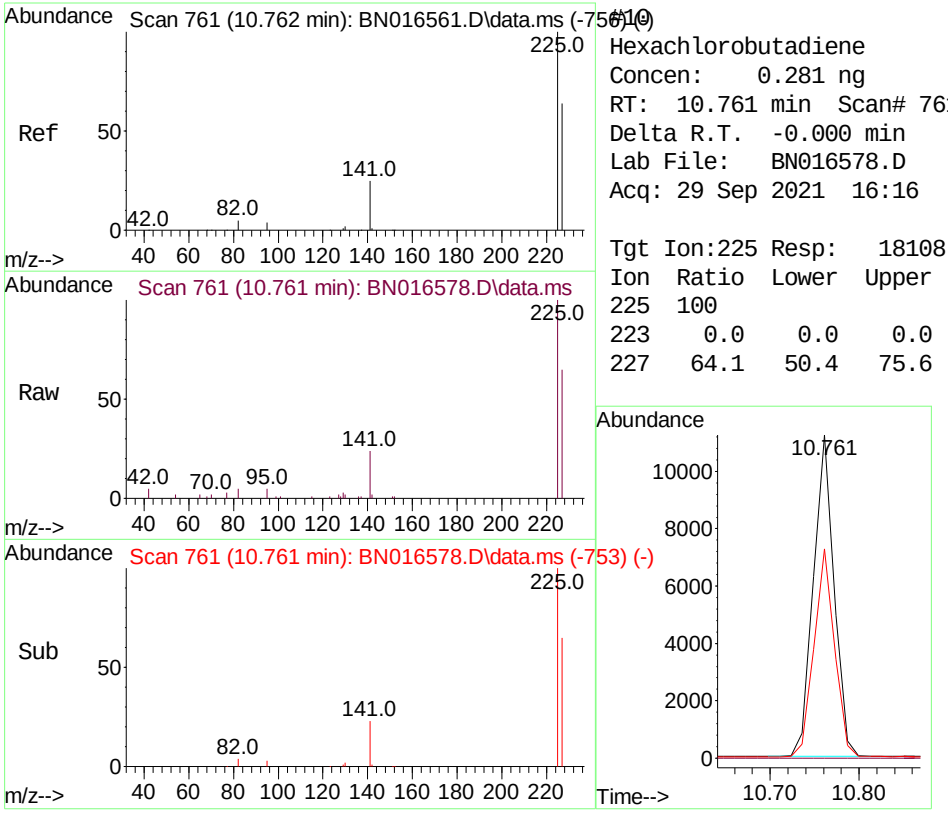
Instrument :
BNA_N
ClientSampleId :



#9
Naphthalene
Concen: 0.297 ng
RT: 10.470 min Scan# 738
Delta R.T. -0.000 min
Lab File: BN016578.D
Acq: 29 Sep 2021 16:16

Tgt Ion:128 Resp: 97144

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.9	13.3
127	12.8	10.1	15.1

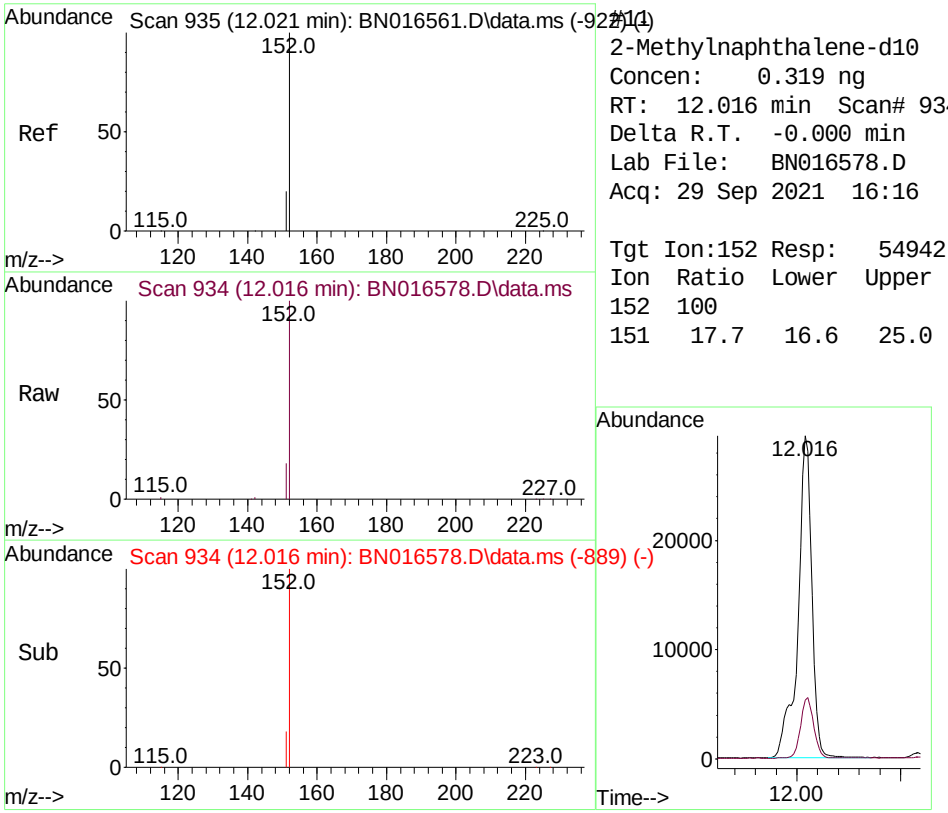


#10
Hexachlorobutadiene
Concen: 0.281 ng
RT: 10.761 min Scan# 761
Delta R.T. -0.000 min
Lab File: BN016578.D
Acq: 29 Sep 2021 16:16

Tgt Ion:225 Resp: 18108

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.1	50.4	75.6

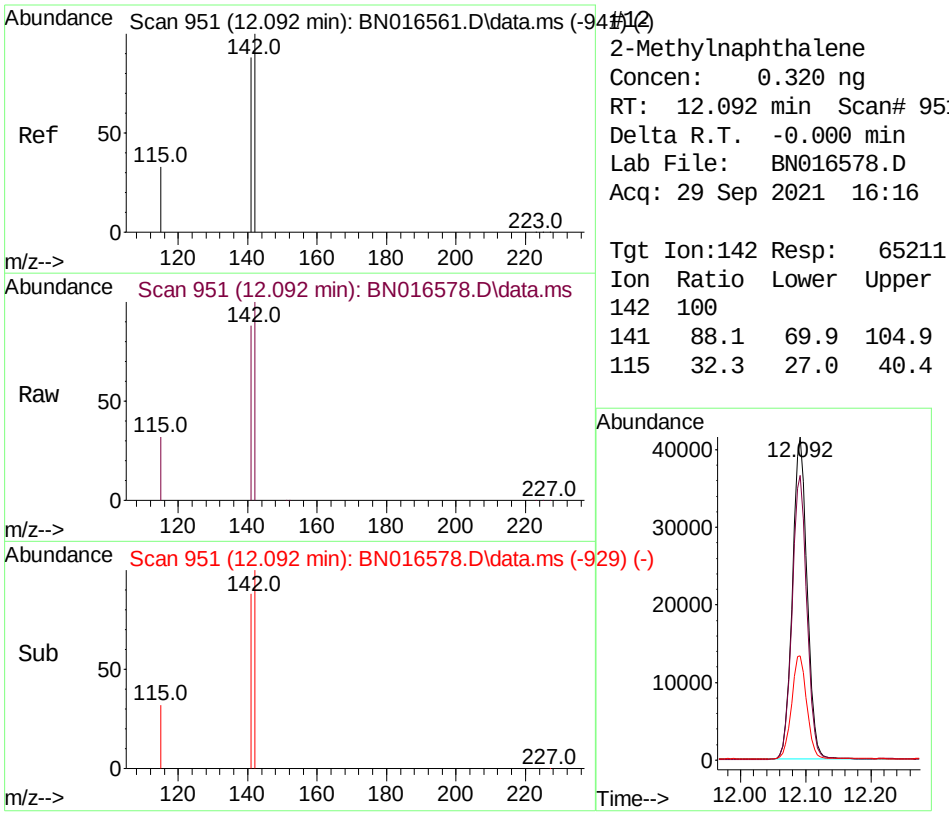
Instrument :
BNA_N
ClientSampleId :



#11
2-Methylnaphthalene-d10
Concen: 0.319 ng
RT: 12.016 min Scan# 934
Delta R.T. -0.000 min
Lab File: BN016578.D
Acq: 29 Sep 2021 16:16

Tgt Ion:152 Resp: 54942

Ion	Ratio	Lower	Upper
152	100		
151	17.7	16.6	25.0

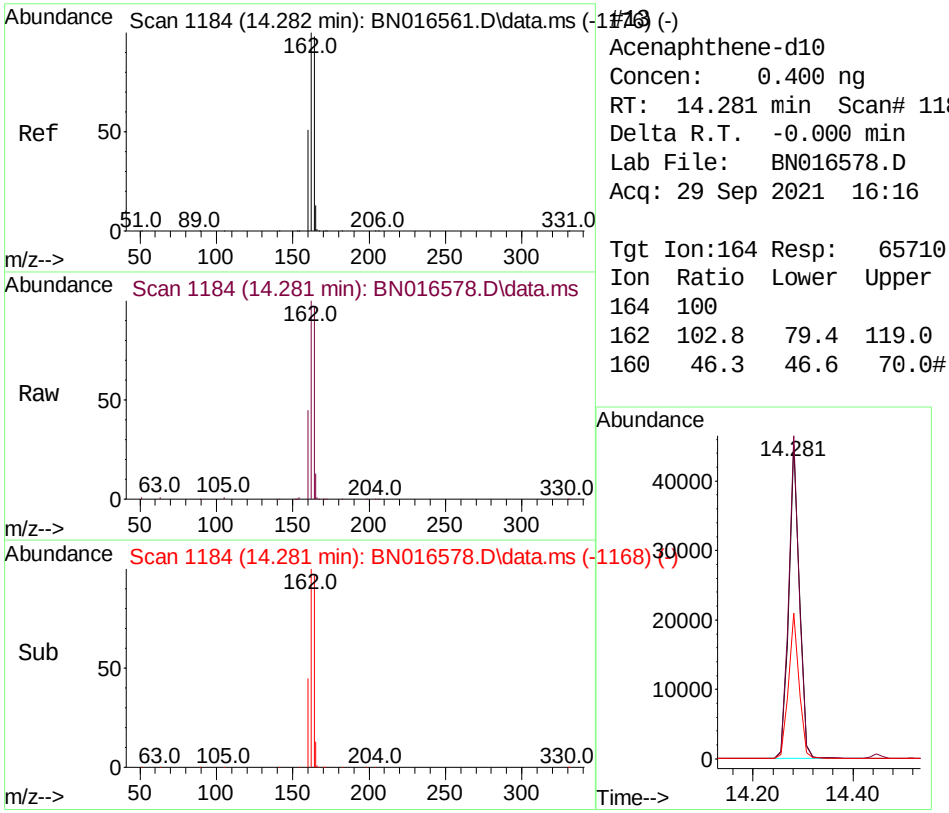


#12
2-Methylnaphthalene
Concen: 0.320 ng
RT: 12.092 min Scan# 951
Delta R.T. -0.000 min
Lab File: BN016578.D
Acq: 29 Sep 2021 16:16

Tgt Ion:142 Resp: 65211

Ion	Ratio	Lower	Upper
142	100		
141	88.1	69.9	104.9
115	32.3	27.0	40.4

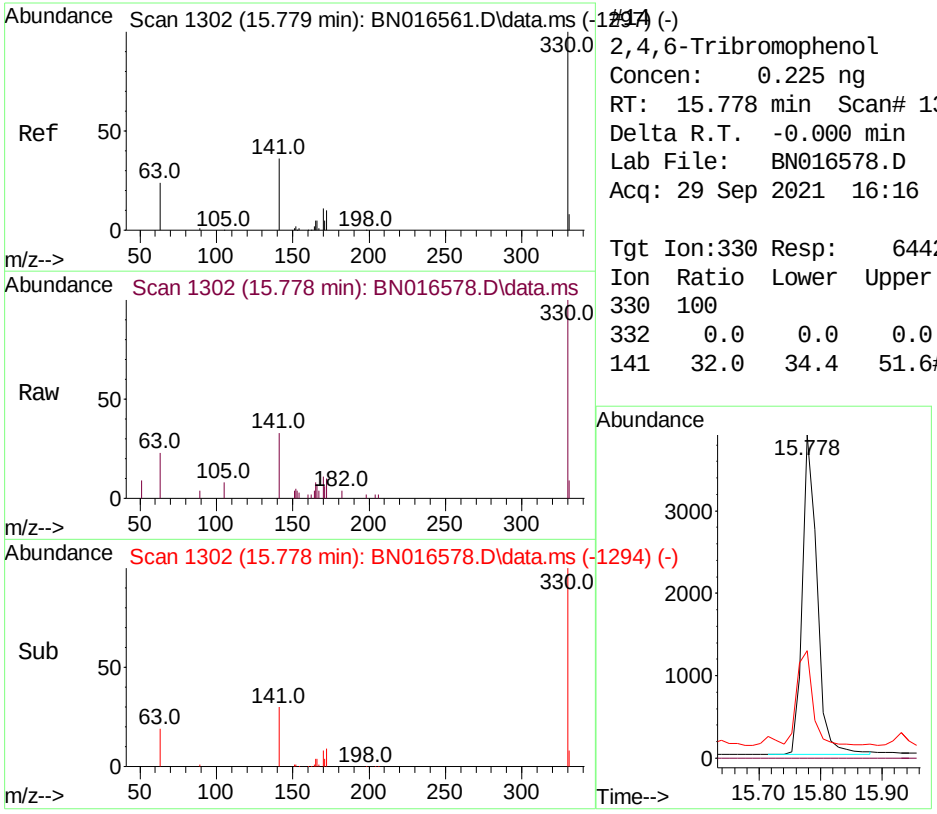
Instrument :
BNA_N
ClientSampleId :



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.281 min Scan# 1184
Delta R.T. -0.000 min
Lab File: BN016578.D
Acq: 29 Sep 2021 16:16

Tgt Ion:164 Resp: 65710

Ion	Ratio	Lower	Upper
164	100		
162	102.8	79.4	119.0
160	46.3	46.6	70.0#

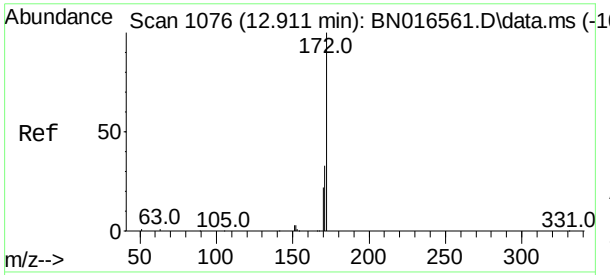


#14
2,4,6-Tribromophenol
Concen: 0.225 ng
RT: 15.778 min Scan# 1302
Delta R.T. -0.000 min
Lab File: BN016578.D
Acq: 29 Sep 2021 16:16

Tgt Ion:330 Resp: 6442

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	32.0	34.4	51.6#

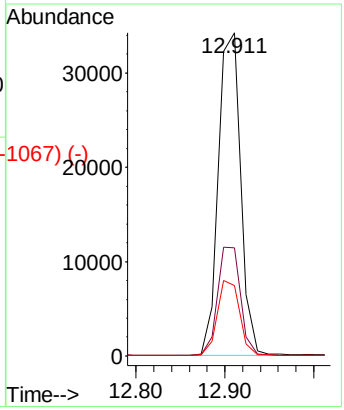
Instrument :
BNA_N
ClientSampleId :

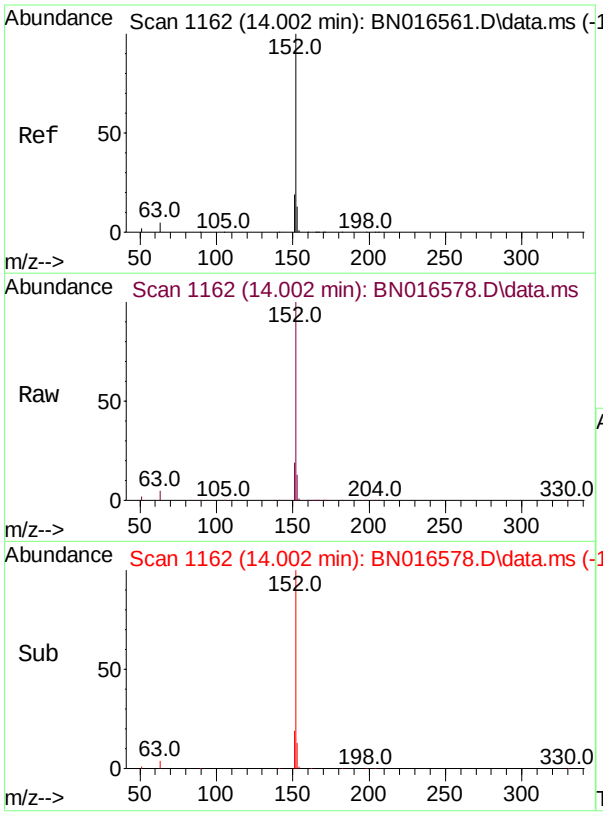


#15
2-Fluorobiphenyl
Concen: 0.222 ng
RT: 12.911 min Scan# 1076
Delta R.T. 0.012 min
Lab File: BN016578.D
Acq: 29 Sep 2021 16:16

Tgt Ion:172 Resp: 60097

Ion	Ratio	Lower	Upper
172	100		
171	33.5	27.4	41.2
170	21.8	18.9	28.3

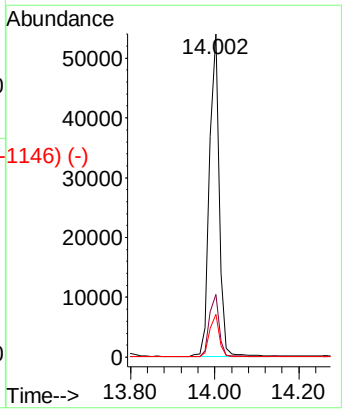




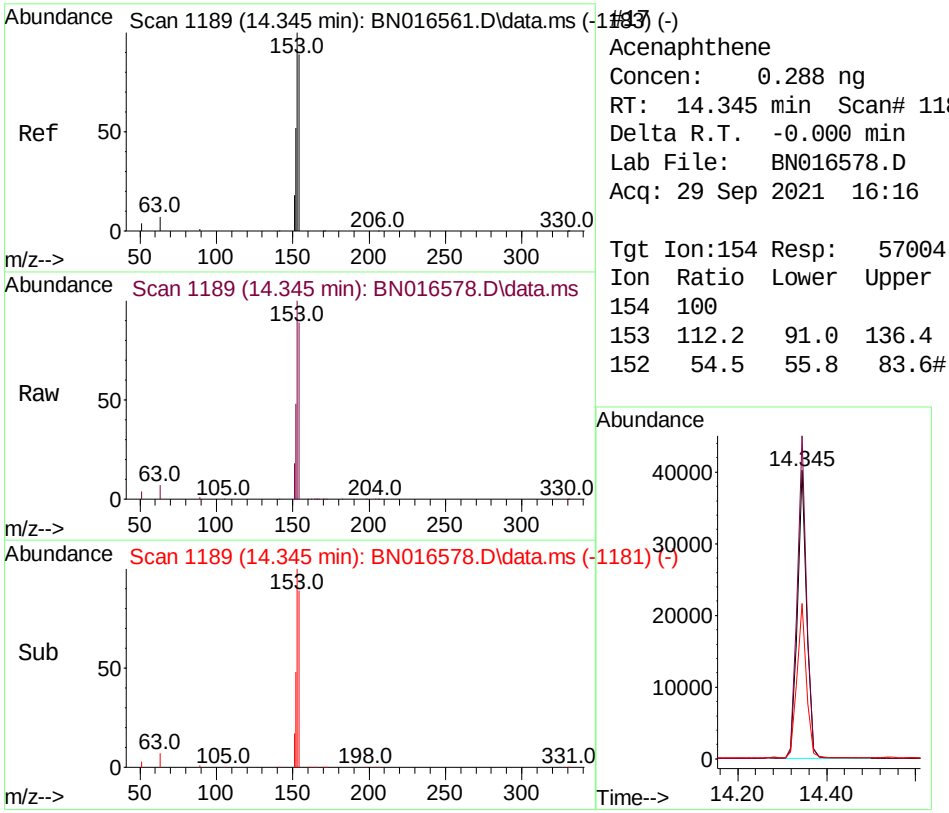
#16
Acenaphthylene
Concen: 0.297 ng
RT: 14.002 min Scan# 1162
Delta R.T. -0.000 min
Lab File: BN016578.D
Acq: 29 Sep 2021 16:16

Tgt Ion:152 Resp: 86484

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.4	23.0
153	13.1	10.4	15.6



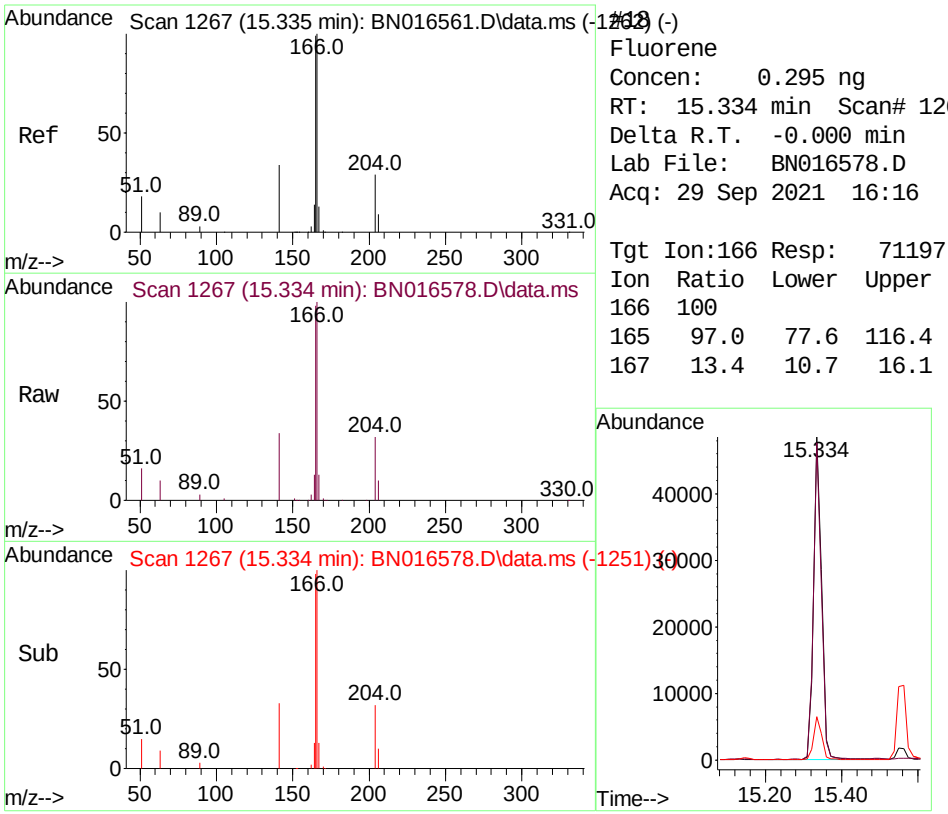
Instrument :
BNA_N
ClientSampleId :



#17
Acenaphthene
Concen: 0.288 ng
RT: 14.345 min Scan# 1189
Delta R.T. -0.000 min
Lab File: BN016578.D
Acq: 29 Sep 2021 16:16

Tgt Ion:154 Resp: 57004

Ion	Ratio	Lower	Upper
154	100		
153	112.2	91.0	136.4
152	54.5	55.8	83.6#

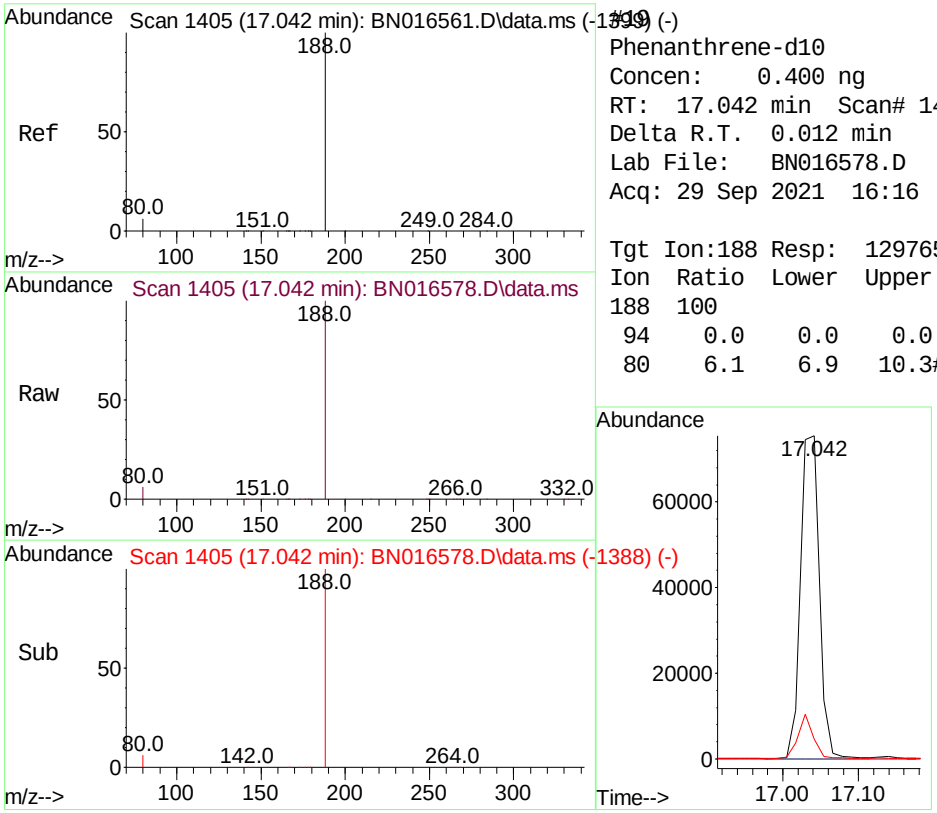


#18
Fluorene
Concen: 0.295 ng
RT: 15.334 min Scan# 1267
Delta R.T. -0.000 min
Lab File: BN016578.D
Acq: 29 Sep 2021 16:16

Tgt Ion:166 Resp: 71197

Ion	Ratio	Lower	Upper
166	100		
165	97.0	77.6	116.4
167	13.4	10.7	16.1

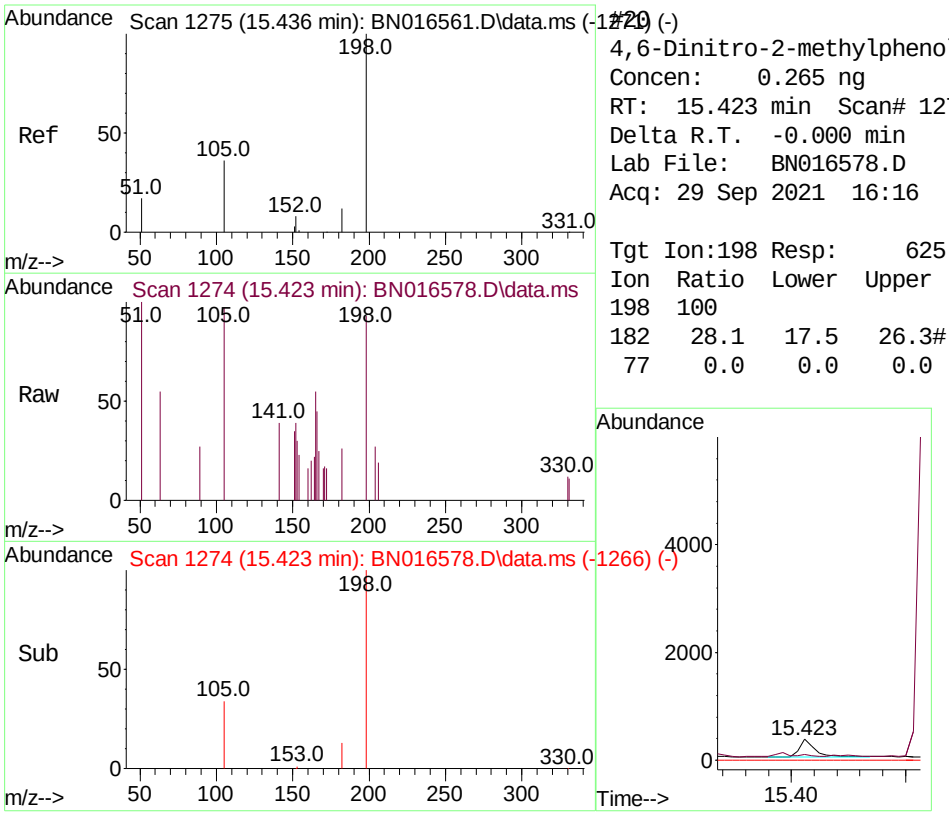
Instrument :
BNA_N
ClientSampleId :



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.042 min Scan# 1405
Delta R.T. 0.012 min
Lab File: BN016578.D
Acq: 29 Sep 2021 16:16

Tgt Ion:188 Resp: 129765

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.1	6.9	10.3#

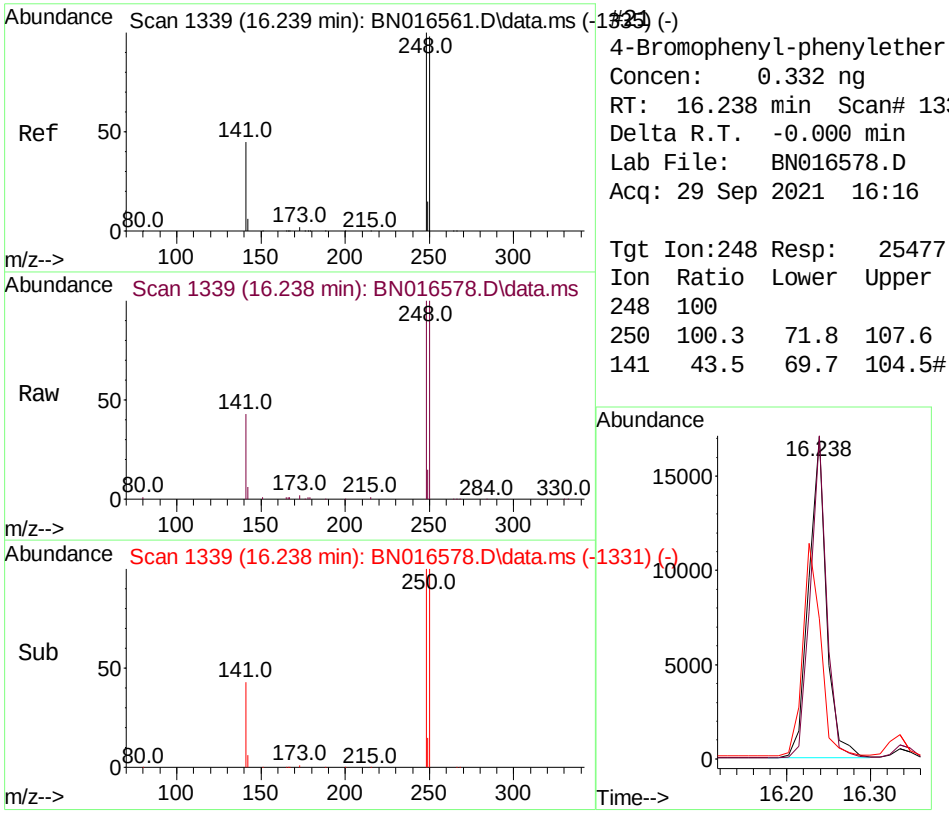


#20
4,6-Dinitro-2-methylphenol
Concen: 0.265 ng
RT: 15.423 min Scan# 1274
Delta R.T. -0.000 min
Lab File: BN016578.D
Acq: 29 Sep 2021 16:16

Tgt Ion:198 Resp: 625

Ion	Ratio	Lower	Upper
198	100		
182	28.1	17.5	26.3#
77	0.0	0.0	0.0

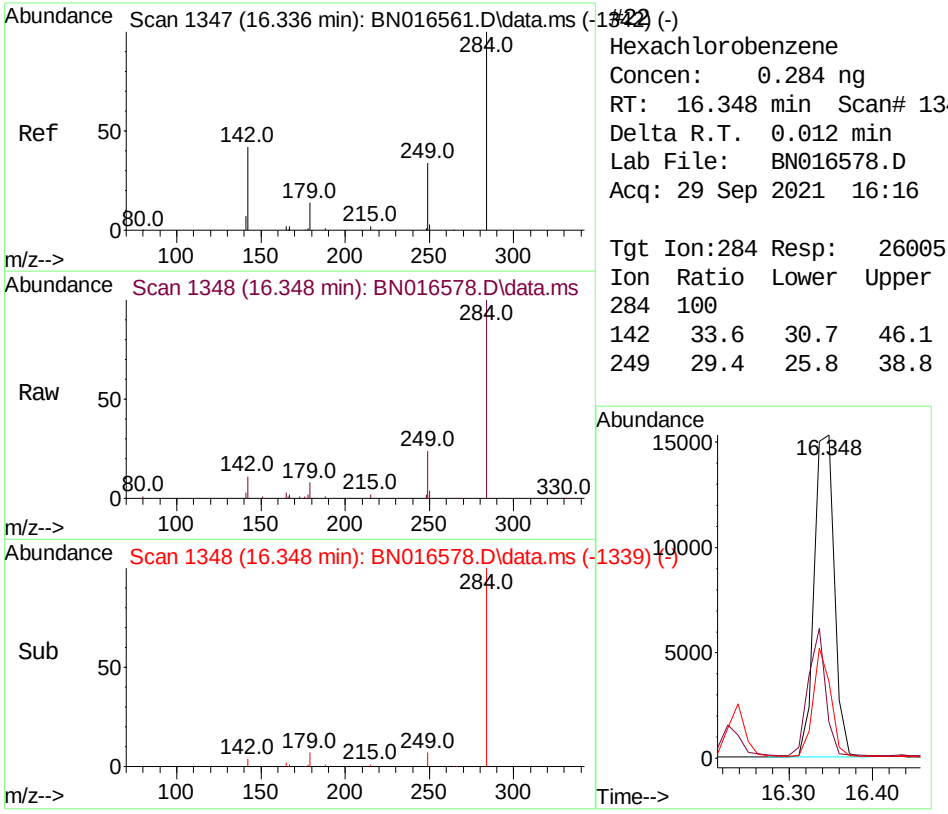
Instrument :
BNA_N
ClientSampleId :



#21
4-Bromophenyl-phenylether
Concen: 0.332 ng
RT: 16.238 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BN016578.D
Acq: 29 Sep 2021 16:16

Tgt Ion:248 Resp: 25477

Ion	Ratio	Lower	Upper
248	100		
250	100.3	71.8	107.6
141	43.5	69.7	104.5#

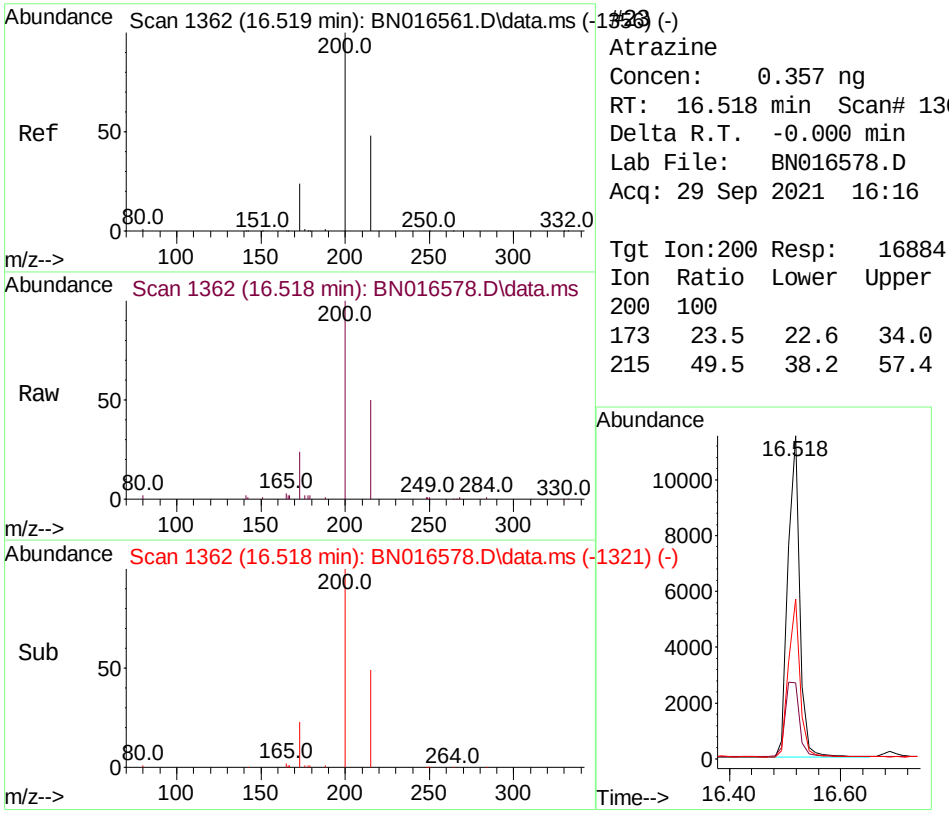


#22
Hexachlorobenzene
Concen: 0.284 ng
RT: 16.348 min Scan# 1348
Delta R.T. 0.012 min
Lab File: BN016578.D
Acq: 29 Sep 2021 16:16

Tgt Ion:284 Resp: 26005

Ion	Ratio	Lower	Upper
284	100		
142	33.6	30.7	46.1
249	29.4	25.8	38.8

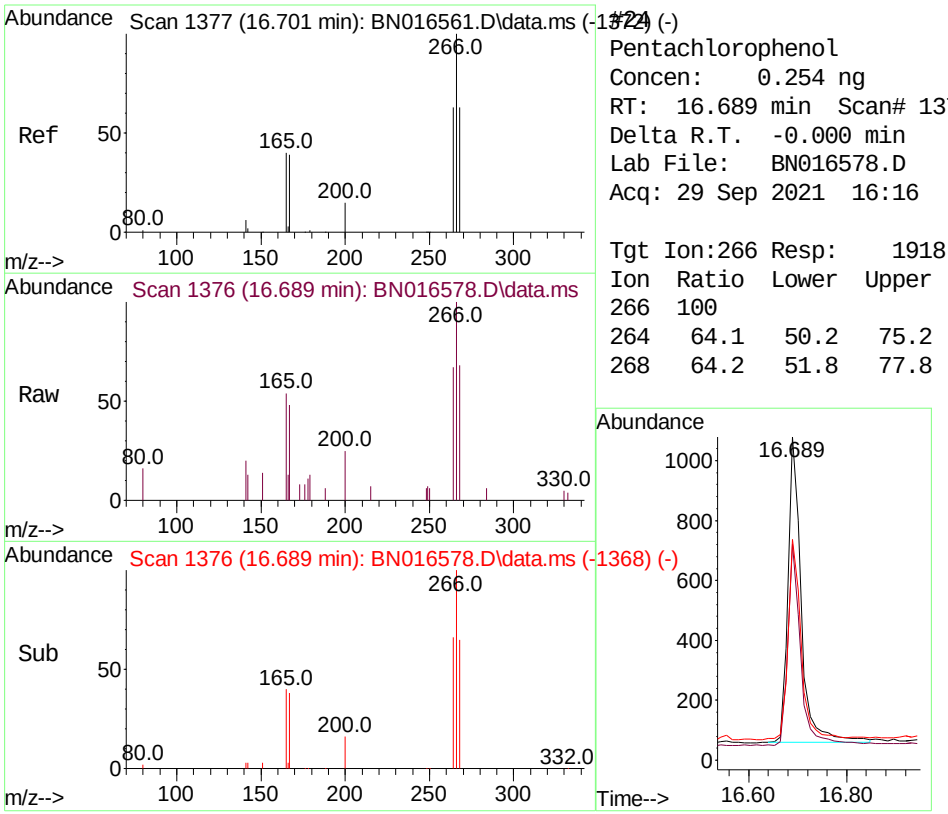
Instrument :
BNA_N
ClientSampleId :



#23
Atrazine
Concen: 0.357 ng
RT: 16.518 min Scan# 1362
Delta R.T. -0.000 min
Lab File: BN016578.D
Acq: 29 Sep 2021 16:16

Tgt Ion:200 Resp: 16884

Ion	Ratio	Lower	Upper
200	100		
173	23.5	22.6	34.0
215	49.5	38.2	57.4

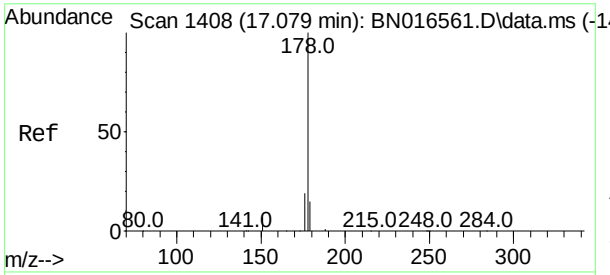


#24
Pentachlorophenol
Concen: 0.254 ng
RT: 16.689 min Scan# 1376
Delta R.T. -0.000 min
Lab File: BN016578.D
Acq: 29 Sep 2021 16:16

Tgt Ion:266 Resp: 1918

Ion	Ratio	Lower	Upper
266	100		
264	64.1	50.2	75.2
268	64.2	51.8	77.8

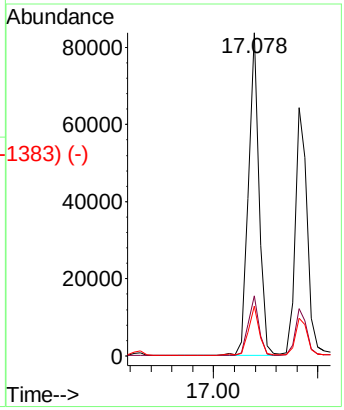
Instrument :
BNA_N
ClientSampleId :

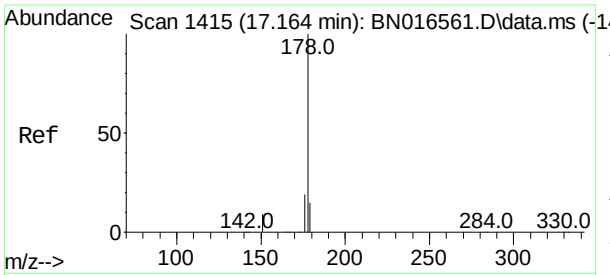


#25
Phenanthrene
Concen: 0.302 ng
RT: 17.078 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BN016578.D
Acq: 29 Sep 2021 16:16

Tgt Ion:178 Resp: 117714

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.6
179	15.7	12.3	18.5

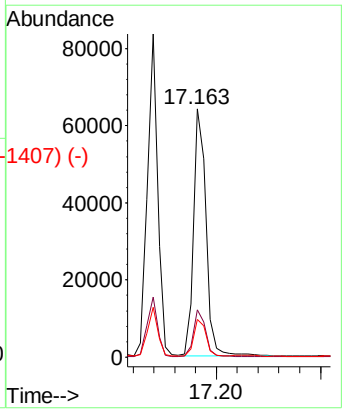




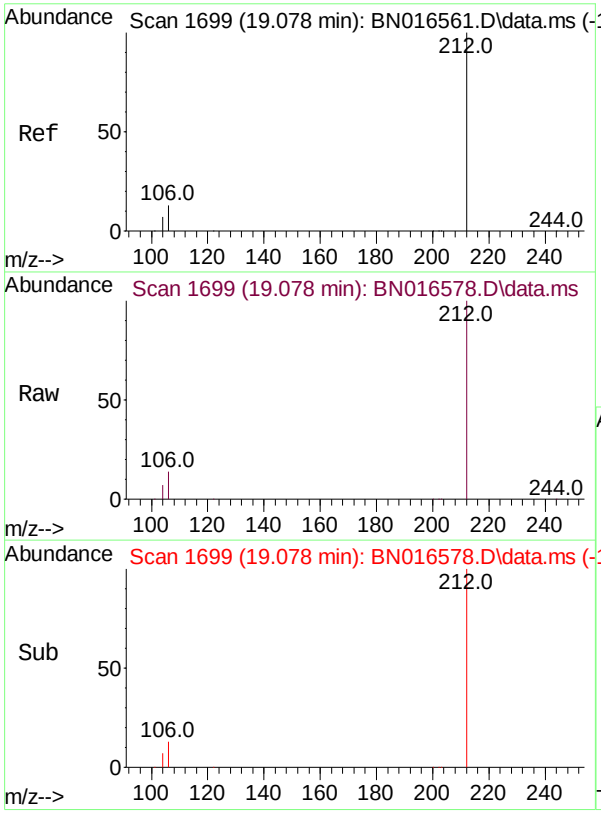
#26
Anthracene
Concen: 0.310 ng
RT: 17.163 min Scan# 1415
Delta R.T. -0.000 min
Lab File: BN016578.D
Acq: 29 Sep 2021 16:16

Tgt Ion:178 Resp: 105053

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.6	21.8
179	14.8	12.2	18.4



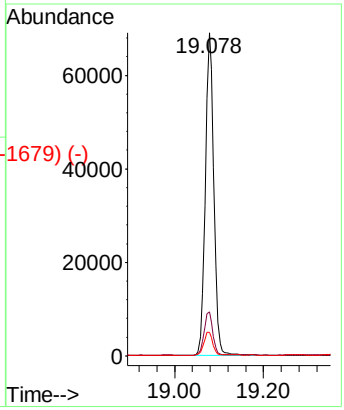
Instrument :
BNA_N
ClientSampleId :

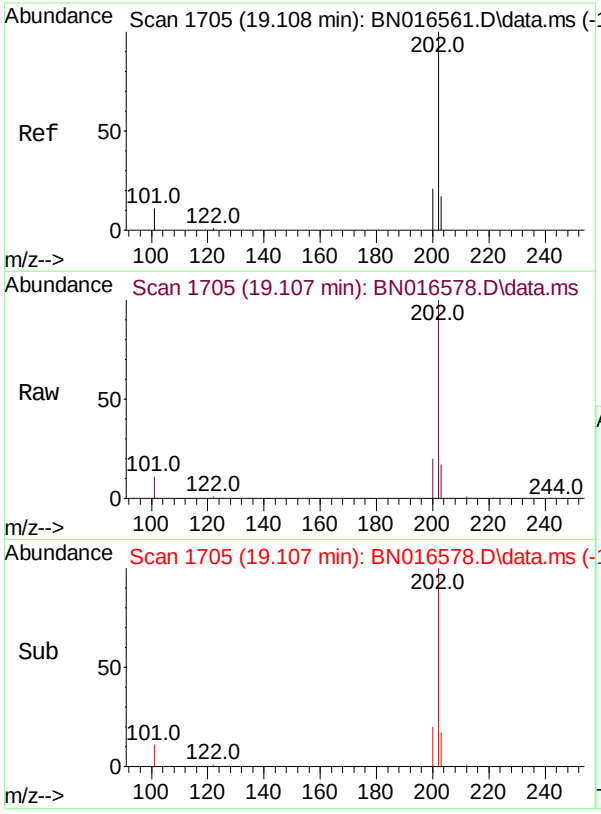


#27
Fluoranthene-d10
Concen: 0.264 ng
RT: 19.078 min Scan# 1699
Delta R.T. -0.000 min
Lab File: BN016578.D
Acq: 29 Sep 2021 16:16

Tgt Ion:212 Resp: 92515

Ion	Ratio	Lower	Upper
212	100		
106	13.7	8.8	13.2#
104	7.4	5.0	7.4

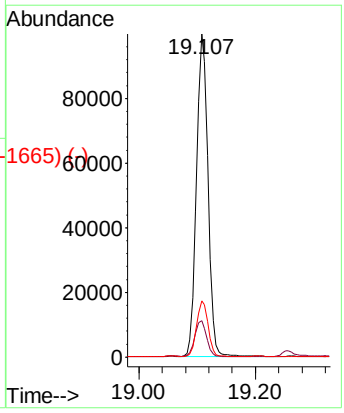




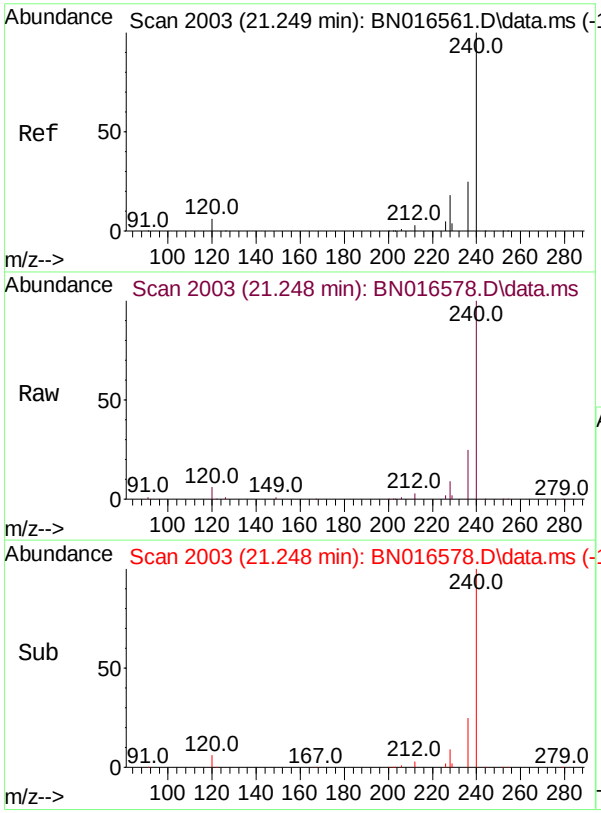
#28
Fluoranthene
Concen: 0.316 ng
RT: 19.107 min Scan# 1705
Delta R.T. -0.000 min
Lab File: BN016578.D
Acq: 29 Sep 2021 16:16

Tgt Ion:202 Resp: 134773

Ion	Ratio	Lower	Upper
202	100		
101	11.4	7.5	11.3#
203	17.1	13.9	20.9



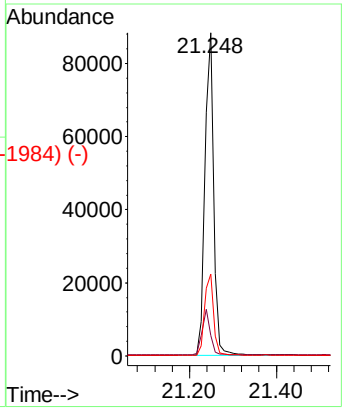
Instrument :
BNA_N
ClientSampleId :

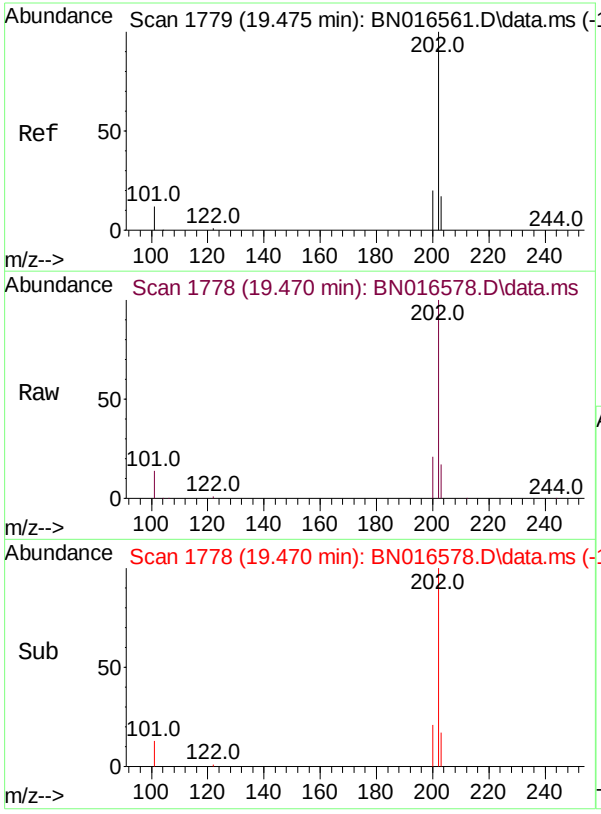


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.248 min Scan# 2003
Delta R.T. -0.000 min
Lab File: BN016578.D
Acq: 29 Sep 2021 16:16

Tgt Ion:240 Resp: 124392

Ion	Ratio	Lower	Upper
240	100		
120	6.4	9.0	13.4#
236	25.4	21.7	32.5

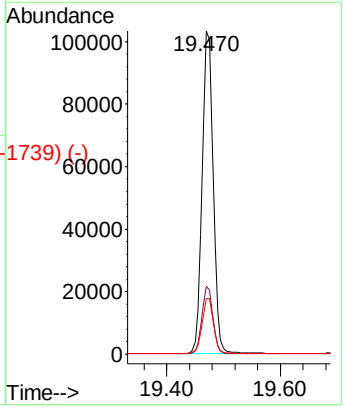




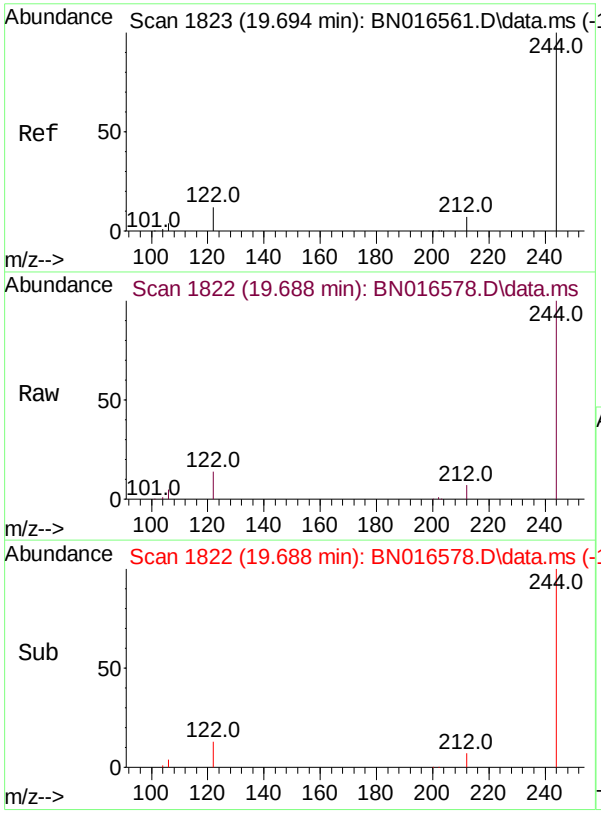
#30
Pyrene
Concen: 0.327 ng
RT: 19.470 min Scan# 1778
Delta R.T. -0.005 min
Lab File: BN016578.D
Acq: 29 Sep 2021 16:16

Tgt Ion:202 Resp: 138544

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.3	24.5
203	17.7	13.9	20.9



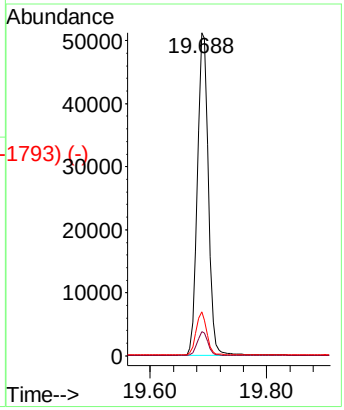
Instrument :
BNA_N
ClientSampleId :

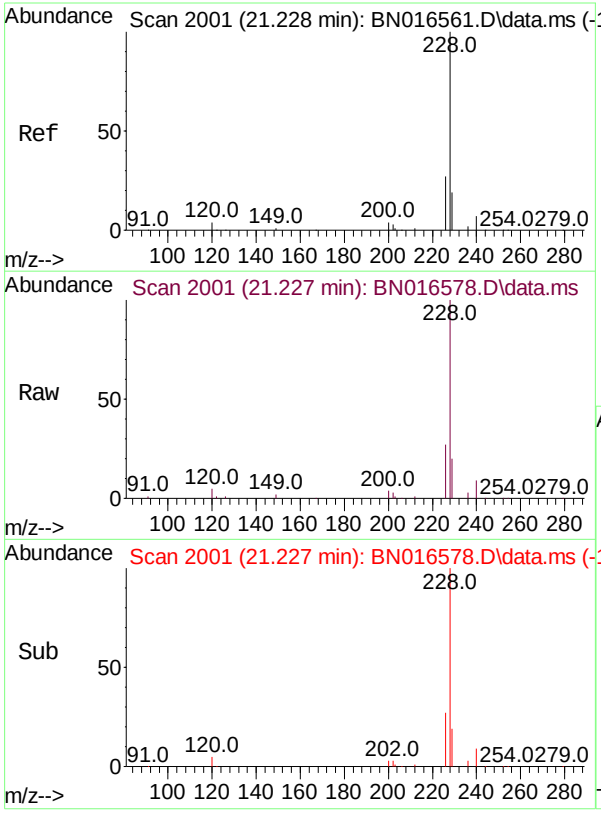


#34
Terphenyl-d14
Concen: 0.246 ng
RT: 19.688 min Scan# 1822
Delta R.T. -0.005 min
Lab File: BN016578.D
Acq: 29 Sep 2021 16:16

Tgt Ion:244 Resp: 65922

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.1	9.1
122	13.7	8.4	12.6#

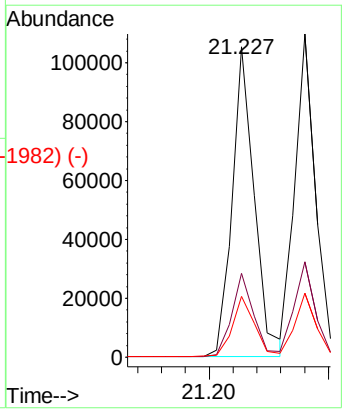




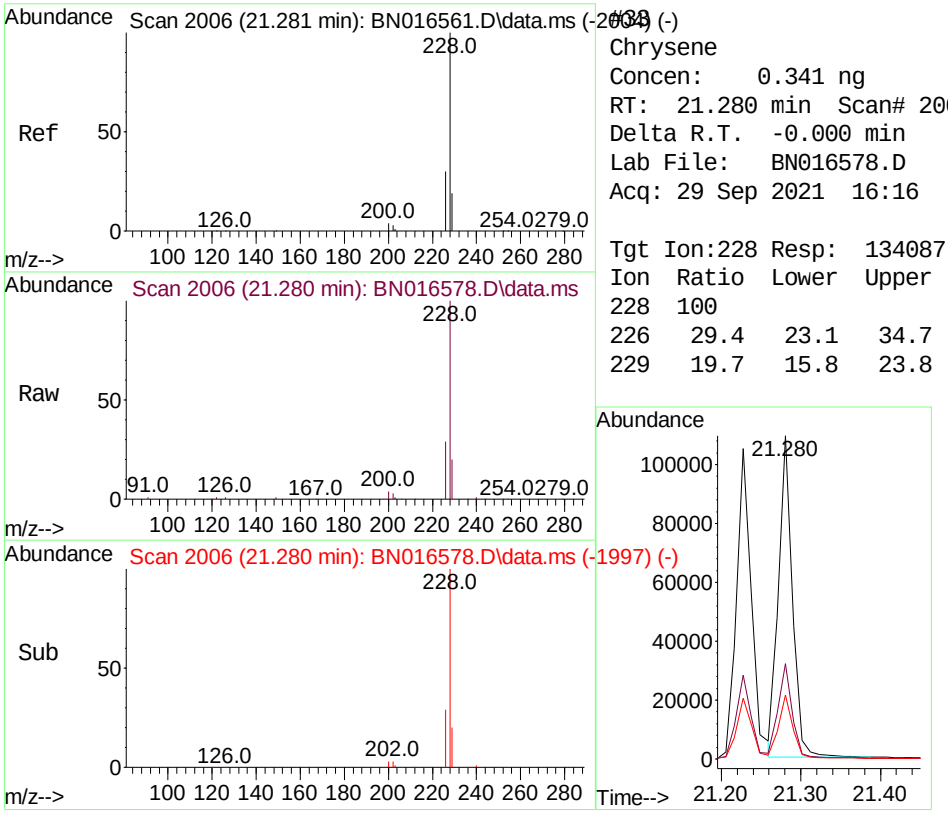
#32
Benzo(a)anthracene
Concen: 0.354 ng
RT: 21.227 min Scan# 2001
Delta R.T. -0.000 min
Lab File: BN016578.D
Acq: 29 Sep 2021 16:16

Tgt Ion:228 Resp: 136326

Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.2	31.8
229	19.6	15.6	23.4



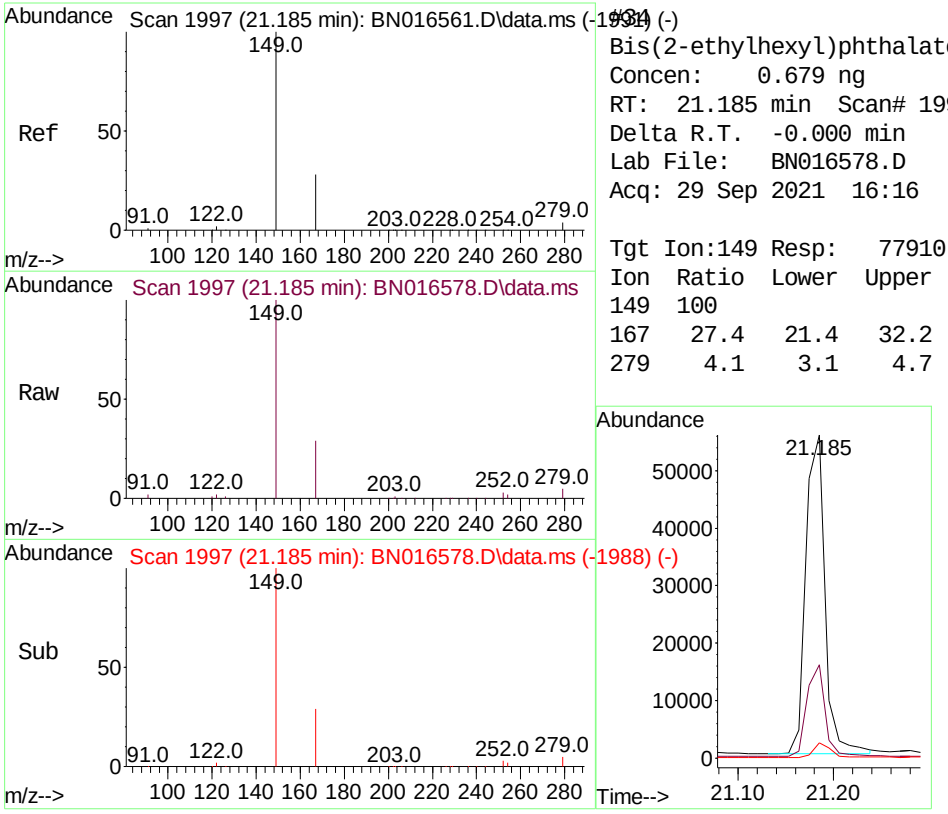
Instrument :
BNA_N
ClientSampleId :



#38
Chrysene
Concen: 0.341 ng
RT: 21.280 min Scan# 2006
Delta R.T. -0.000 min
Lab File: BN016578.D
Acq: 29 Sep 2021 16:16

Tgt Ion:228 Resp: 134087

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.1	34.7
229	19.7	15.8	23.8

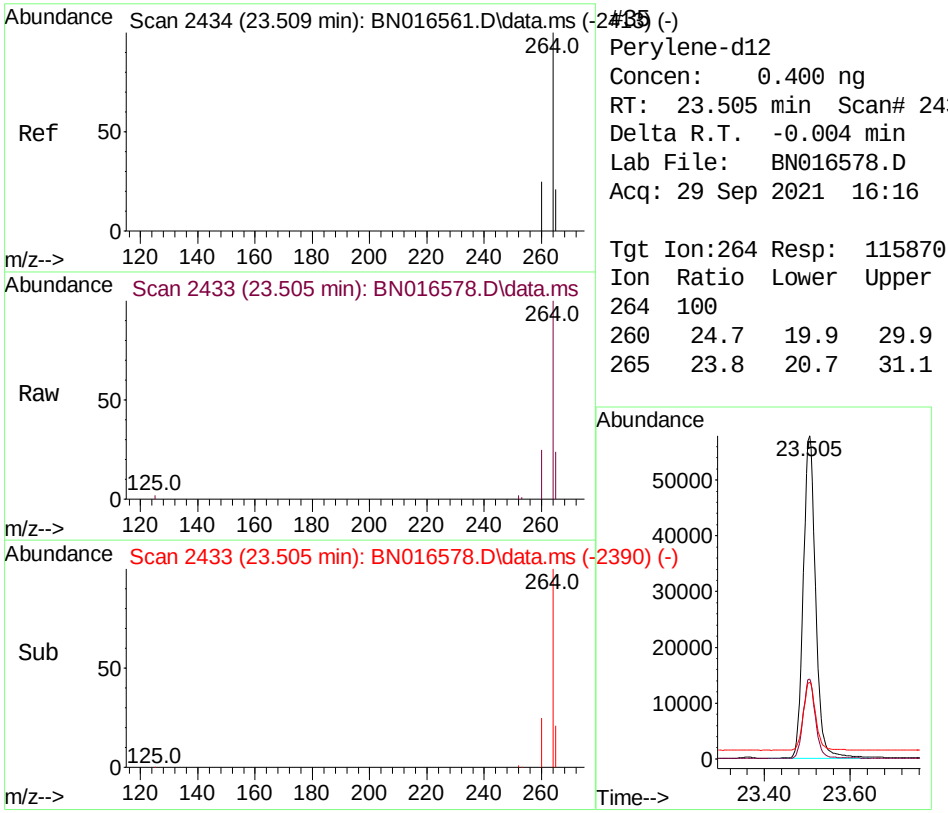


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.679 ng
RT: 21.185 min Scan# 1997
Delta R.T. -0.000 min
Lab File: BN016578.D
Acq: 29 Sep 2021 16:16

Tgt Ion:149 Resp: 77910

Ion	Ratio	Lower	Upper
149	100		
167	27.4	21.4	32.2
279	4.1	3.1	4.7

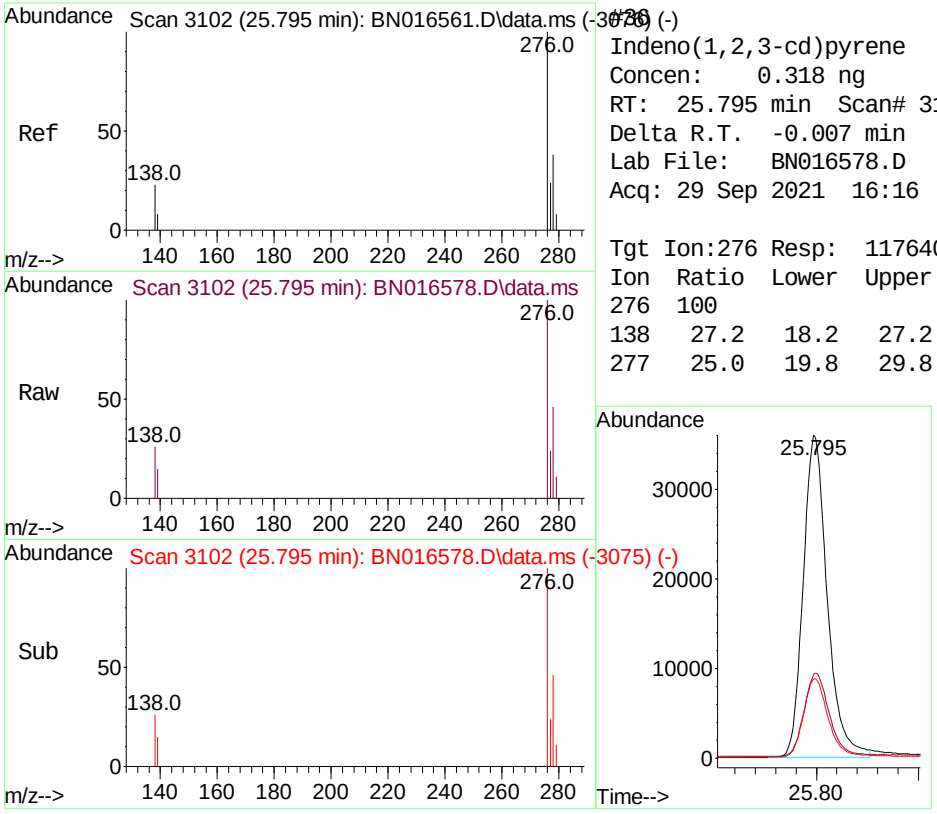
Instrument :
BNA_N
ClientSampleId :



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.505 min Scan# 2433
Delta R.T. -0.004 min
Lab File: BN016578.D
Acq: 29 Sep 2021 16:16

Tgt Ion:264 Resp: 115870

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.9	29.9
265	23.8	20.7	31.1

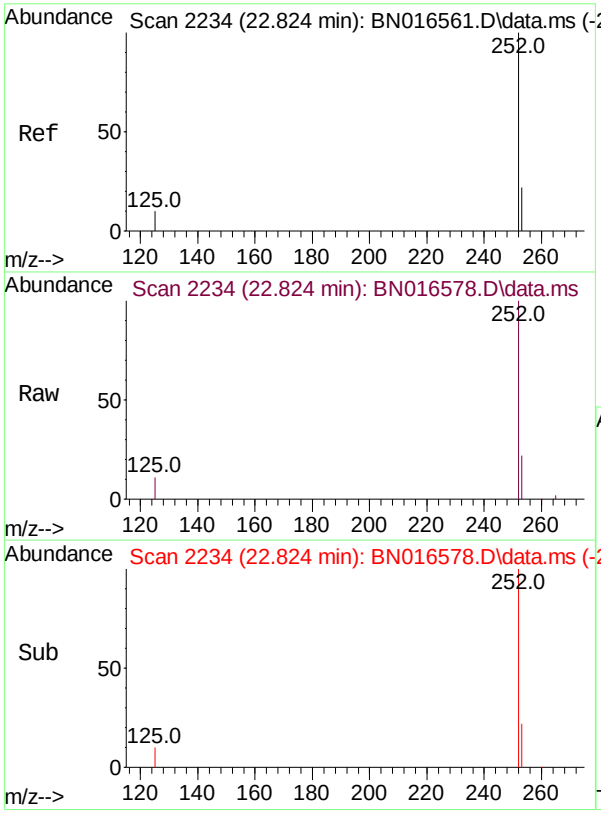


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.318 ng
RT: 25.795 min Scan# 3102
Delta R.T. -0.007 min
Lab File: BN016578.D
Acq: 29 Sep 2021 16:16

Tgt Ion:276 Resp: 117640

Ion	Ratio	Lower	Upper
276	100		
138	27.2	18.2	27.2
277	25.0	19.8	29.8

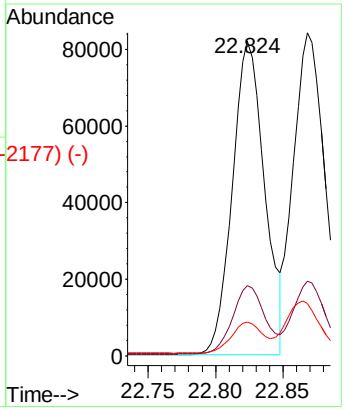
Instrument :
BNA_N
ClientSampleId :

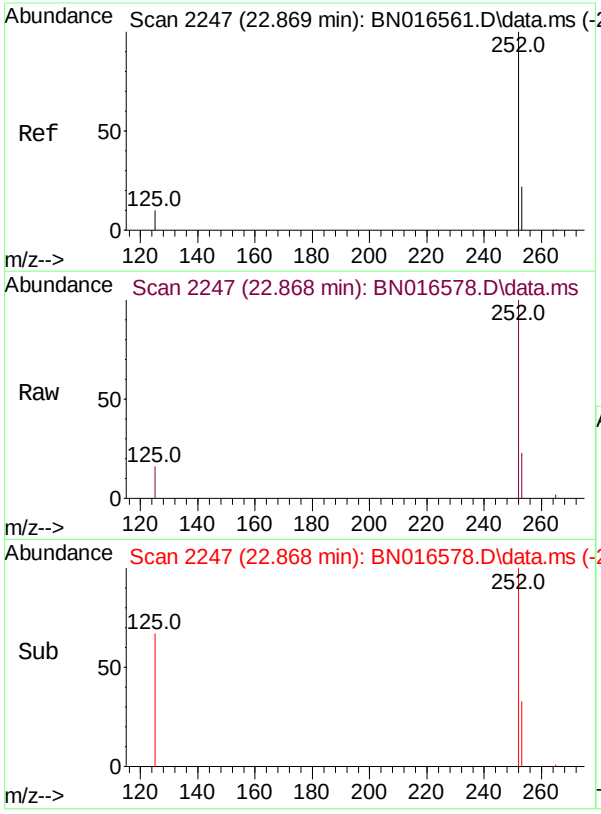


#37
Benzo(b)fluoranthene
Concen: 0.352 ng
RT: 22.824 min Scan# 2234
Delta R.T. -0.004 min
Lab File: BN016578.D
Acq: 29 Sep 2021 16:16

Tgt Ion:252 Resp: 136123

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	10.9	7.3	10.9

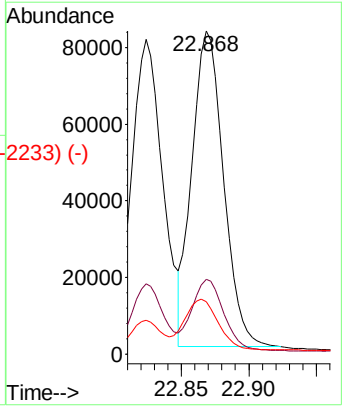




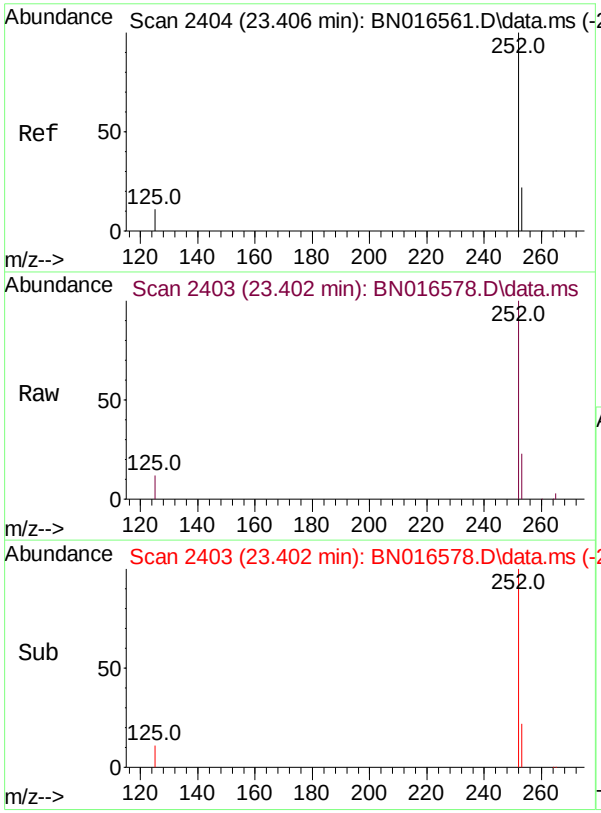
#38
Benzo(k)fluoranthene
Concen: 0.355 ng
RT: 22.868 min Scan# 2247
Delta R.T. -0.004 min
Lab File: BN016578.D
Acq: 29 Sep 2021 16:16

Tgt Ion:252 Resp: 133725

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.8	26.6
125	16.2	7.4	11.0#



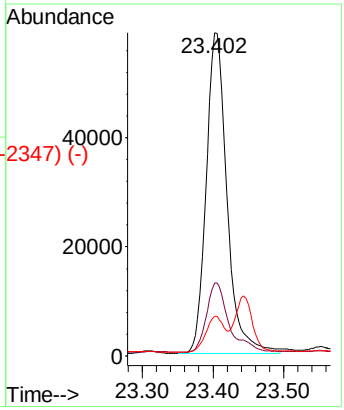
Instrument :
BNA_N
ClientSampleId :

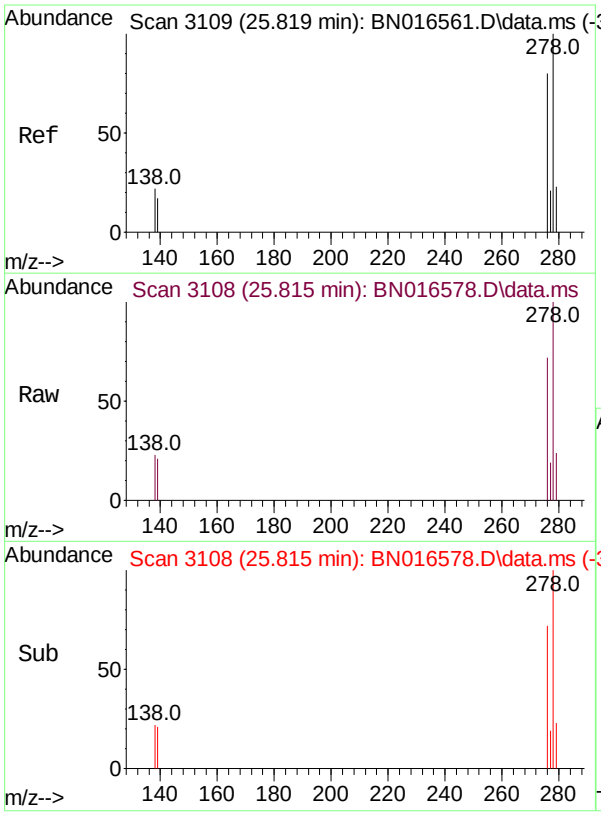


#39
Benzo(a)pyrene
Concen: 0.340 ng
RT: 23.402 min Scan# 2403
Delta R.T. -0.007 min
Lab File: BN016578.D
Acq: 29 Sep 2021 16:16

Tgt Ion:252 Resp: 120531

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	12.2	8.2	12.4

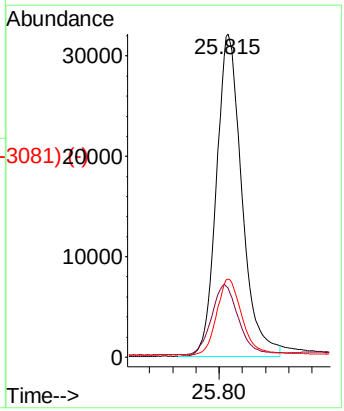


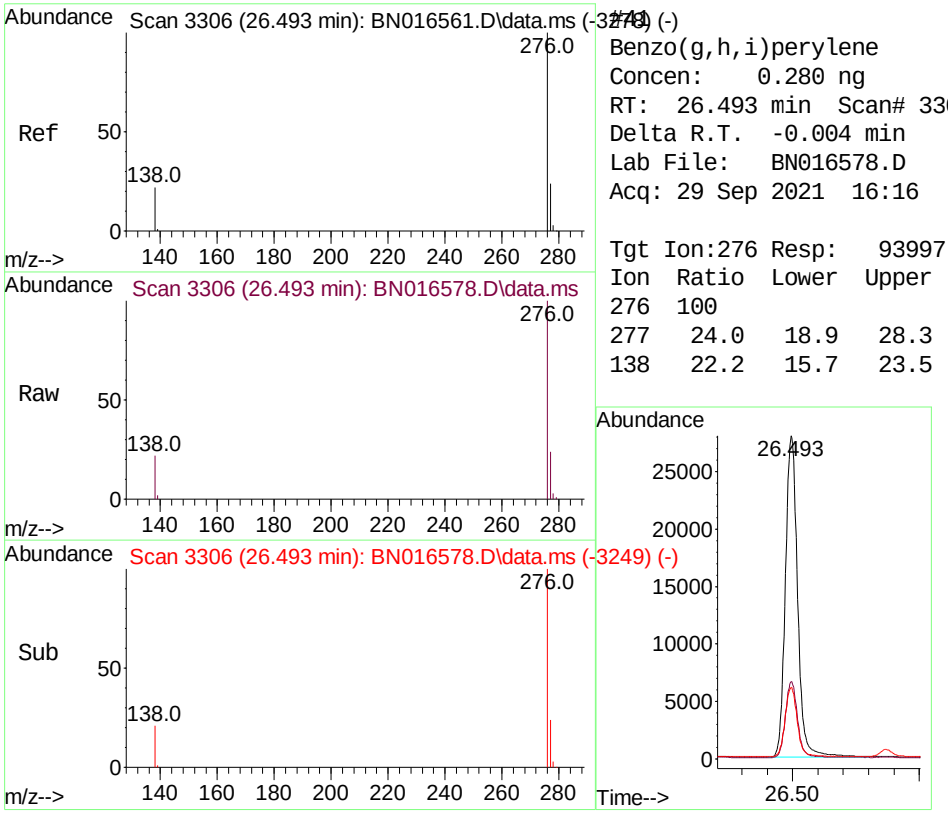


#40
Dibenzo(a,h)anthracene
Concen: 0.379 ng
RT: 25.815 min Scan# 3108
Delta R.T. -0.007 min
Lab File: BN016578.D
Acq: 29 Sep 2021 16:16

Tgt Ion:278 Resp: 97313

Ion	Ratio	Lower	Upper
278	100		
139	21.3	12.1	18.1#
279	24.2	19.2	28.8





#44
Benzo(g,h,i)perylene
Concen: 0.280 ng
RT: 26.493 min Scan# 3306
Delta R.T. -0.004 min
Lab File: BN016578.D
Acq: 29 Sep 2021 16:16

Tgt Ion:276 Resp: 93997

Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.9	28.3
138	22.2	15.7	23.5

Instrument :
BNA_N
ClientSampleId :