Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090921\
Data File : BN016259.D
Acq On : 09 Sep 2021 15:43
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : ICVBN090921

Quant Time: Sep 09 16:15:42 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN090921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 09 15:19:08 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.864	152	11259	0.400	ng		0.00
7) Naphthalene-d8	10.660	136	58118	0.400	ng		0.00
13) Acenaphthene-d10	14.497	164	33209	0.400	ng		0.00
19) Phenanthrene-d10	17.237	188	66426	0.400	ng		0.00
29) Chrysene-d12	21.429	240	61128	0.400	ng	#	0.00
35) Perylene-d12	23.827	264	35731	0.400	ng		0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.448	112	11605	0.404	ng		0.00
5) Phenol-d6	7.034	99	13507	0.376	ng		0.00
8) Nitrobenzene-d5	9.013	82	16834	0.360	ng		0.00
11) 2-Methylnaphthalene-d10	12.247	152	37936	0.418	ng		0.00
14) 2,4,6-Tribromophenol	15.982	330	4933	0.362	ng		0.00
15) 2-Fluorobiphenyl	13.114	172	49393	0.380	ng		0.00
27) Fluoranthene-d10	19.276	212	78844	0.404	ng		0.00
31) Terphenyl-d14	19.872	244	66831	0.436	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.364	88	1457	0.365	ng		96
3) n-Nitrosodimethylamine	3.733	42	3548	0.428	ng	#	98
6) bis(2-Chloroethyl)ether	7.292	93	13439	0.453	ng		100
9) Naphthalene	10.711	128	65328	0.421	ng		100
10) Hexachlorobutadiene	10.990	225	13088	0.413	ng	#	99
12) 2-Methylnaphthalene	12.318	142	45194	0.432	ng		99
16) Acenaphthylene	14.205	152	62489	0.421	ng		100
17) Acenaphthene	14.548	154	39713	0.412	ng		100
18) Fluorene	15.538	166	49327	0.413	ng		100
20) 4,6-Dinitro-2-methylph...	15.639	198	336	0.330	ng		93
21) 4-Bromophenyl-phenylether	16.433	248	14811	0.417	ng		100
22) Hexachlorobenzene	16.555	284	18066	0.424	ng		99
23) Atrazine	16.701	200	13055	0.400	ng		99
24) Pentachlorophenol	16.896	266	1715	0.381	ng		97
25) Phenanthrene	17.285	178	79860	0.414	ng		100
26) Anthracene	17.370	178	75293	0.424	ng		100
28) Fluoranthene	19.306	202	94118	0.416	ng		100
30) Pyrene	19.669	202	93390	0.451	ng		100
32) Benzo(a)anthracene	21.419	228	82895	0.435	ng		99
33) Chrysene	21.472	228	83192	0.440	ng		99
34) Bis(2-ethylhexyl)phtha...	21.344	149	48405	0.413	ng		100
36) Indeno(1,2,3-cd)pyrene	26.298	276	24907	0.419	ng		100
37) Benzo(b)fluoranthene	23.094	252	61198	0.444	ng		98
38) Benzo(k)fluoranthene	23.142	252	56946	0.463	ng		100
39) Benzo(a)pyrene	23.714	252	47718	0.465	ng	#	97
40) Dibenzo(a,h)anthracene	26.315	278	19561	0.430	ng		98
41) Benzo(g,h,i)perylene	27.058	276	20544	0.416	ng		99

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

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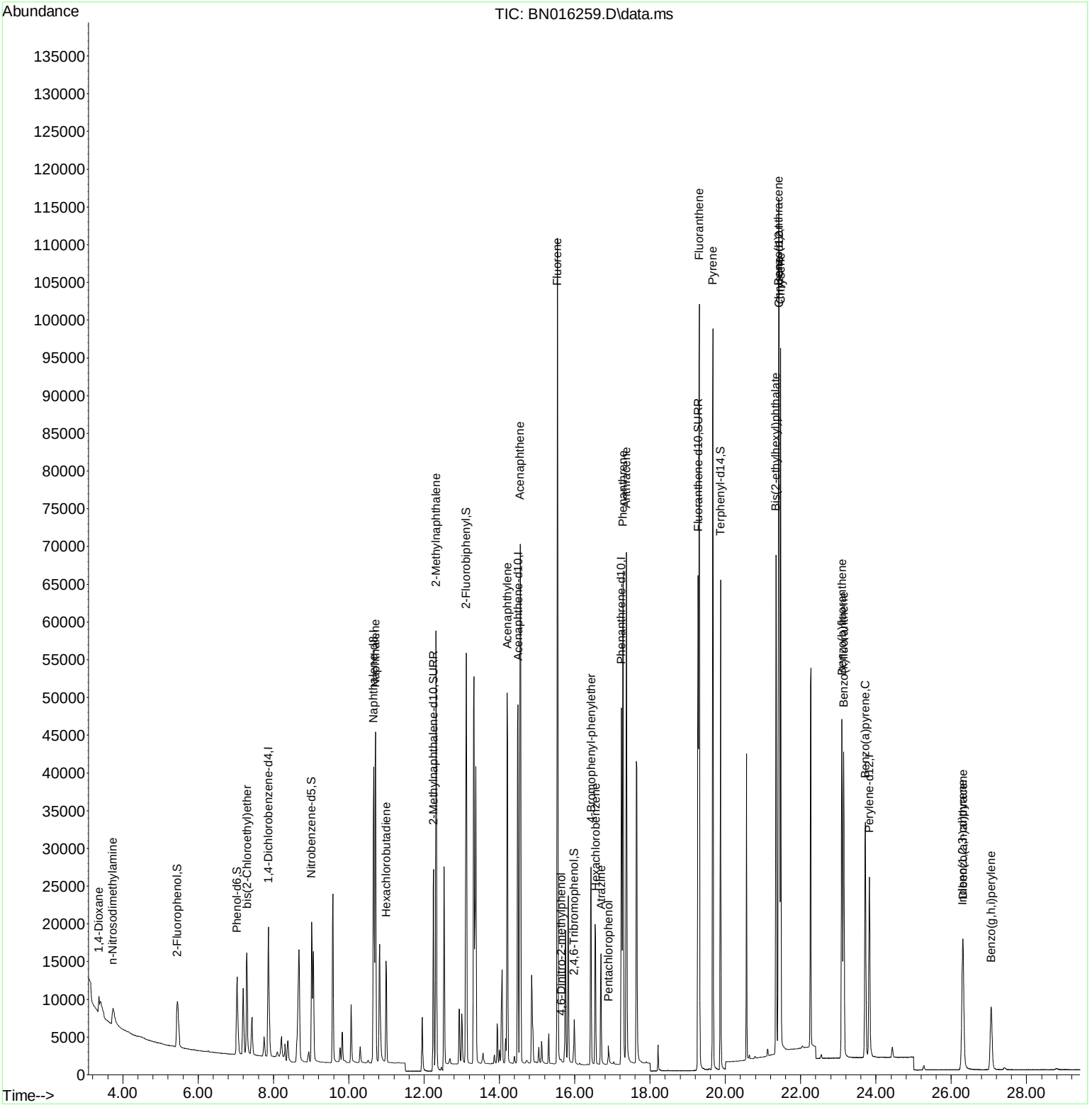
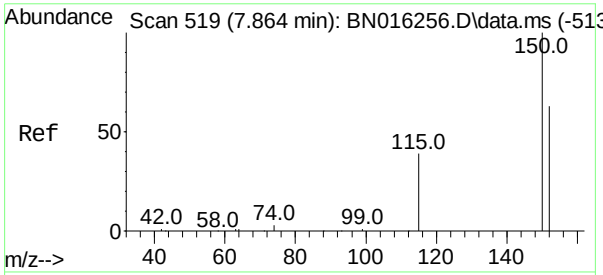
Data File : BN016259.D
Acq On : 09 Sep 2021 15:43
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN090921

Quant Time: Sep 09 16:15:42 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN090921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 09 15:19:08 2021
Response via : Initial Calibration



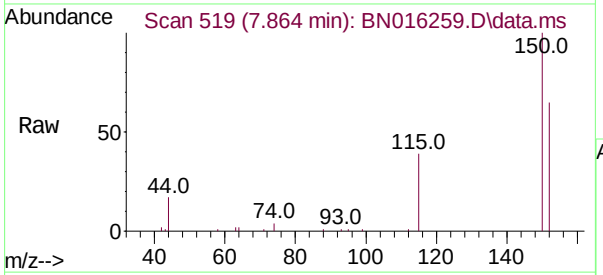
Instrument :
BNA_N
ClientSampleId :
ICVBN090921

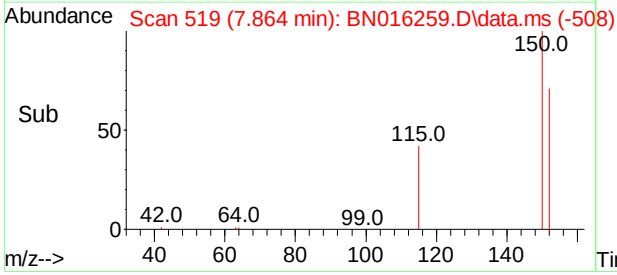


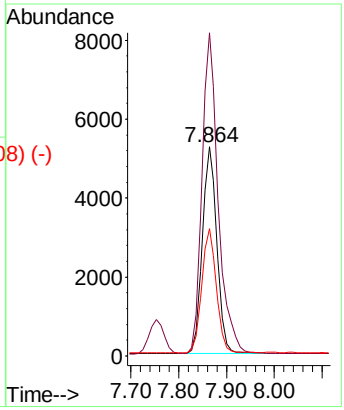
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.864 min Scan# 519
Delta R.T. -0.000 min
Lab File: BN016259.D
Acq: 09 Sep 2021 15:43

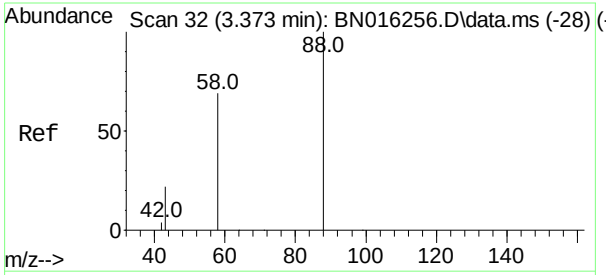
Tgt Ion:152 Resp: 11259

Ion	Ratio	Lower	Upper
152	100		
150	154.5	125.6	188.4
115	61.0	50.2	75.2





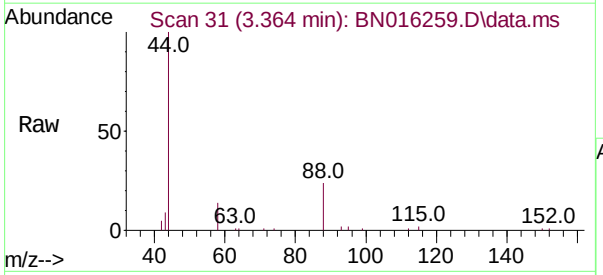


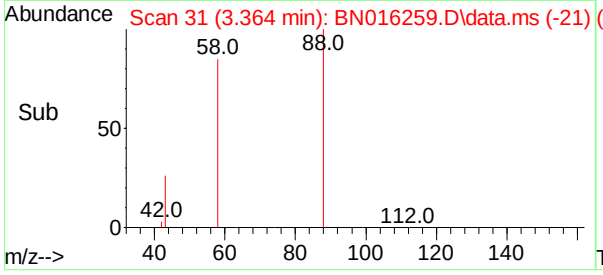


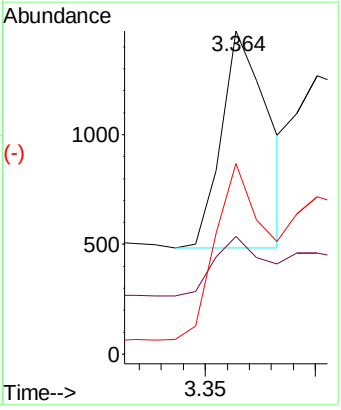
#2
1,4-Dioxane
Concen: 0.365 ng
RT: 3.364 min Scan# 31
Delta R.T. -0.009 min
Lab File: BN016259.D
Acq: 09 Sep 2021 15:43

Tgt Ion: 88 Resp: 1457

Ion	Ratio	Lower	Upper
88	100		
43	29.8	20.3	30.5
58	89.6	69.9	104.9







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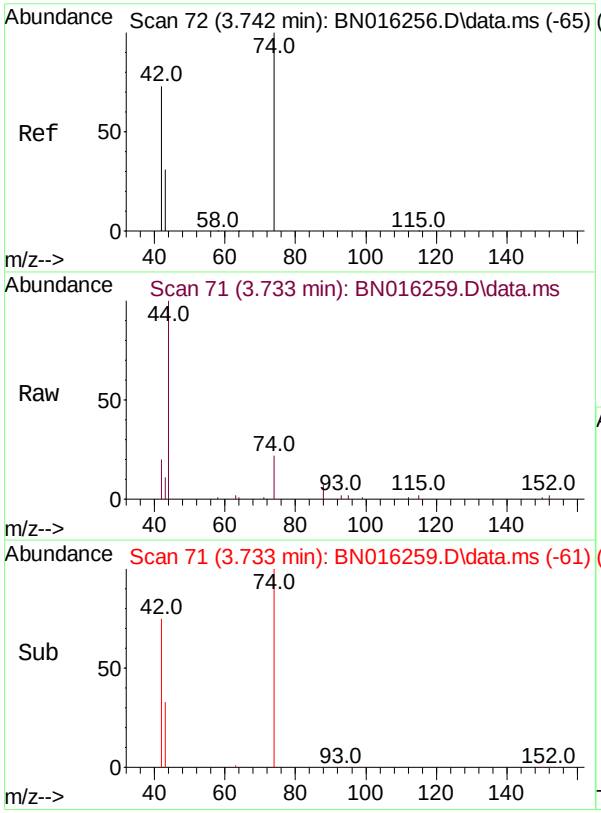
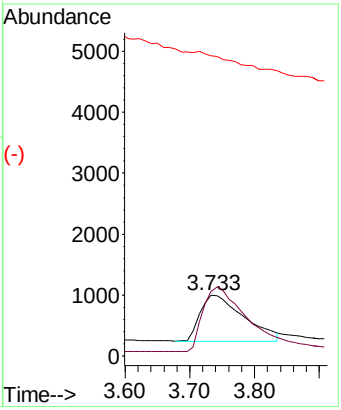
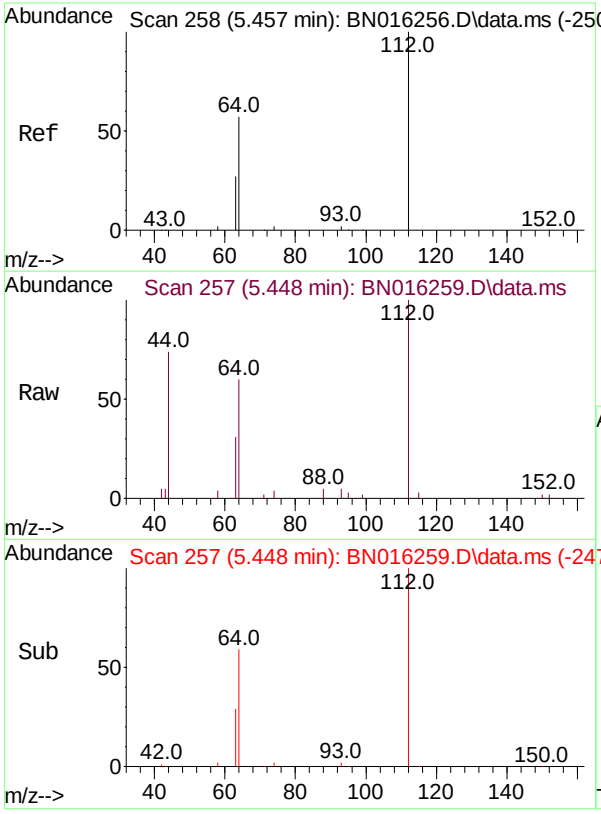


#3
n-Nitrosodimethylamine
Concen: 0.428 ng
RT: 3.733 min Scan# 71
Delta R.T. -0.009 min
Lab File: BN016259.D
Acq: 09 Sep 2021 15:43

Tgt Ion: 42 Resp: 3548

Ion	Ratio	Lower	Upper
42	100		
74	139.5	113.6	170.4
44	0.0	0.0	0.0

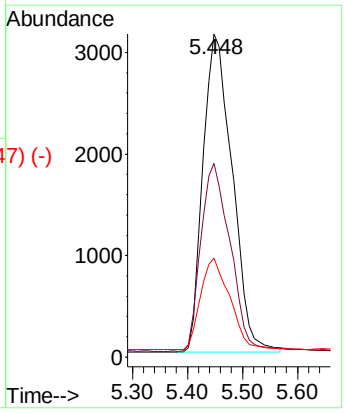




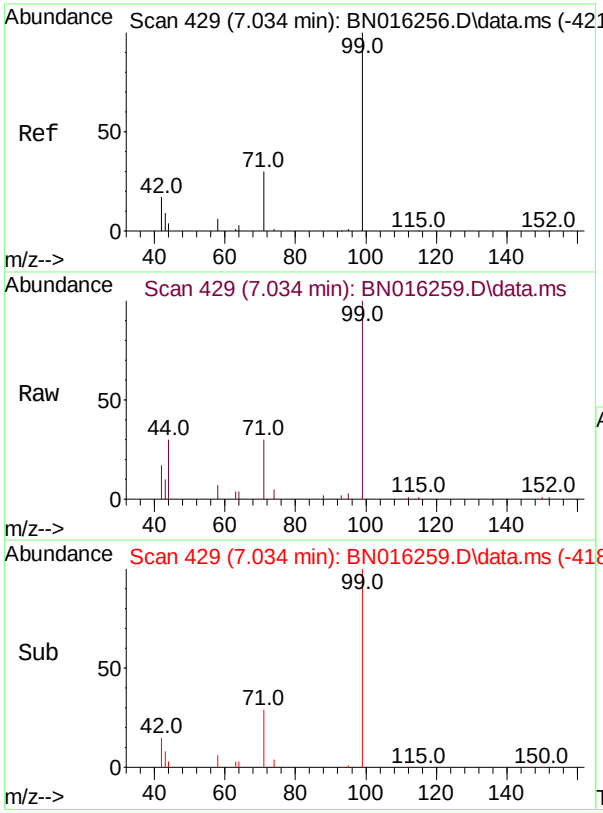
#4
2-Fluorophenol
Concen: 0.404 ng
RT: 5.448 min Scan# 257
Delta R.T. -0.009 min
Lab File: BN016259.D
Acq: 09 Sep 2021 15:43

Tgt Ion:112 Resp: 11605

Ion	Ratio	Lower	Upper
112	100		
64	59.0	47.3	70.9
63	28.5	23.4	35.0



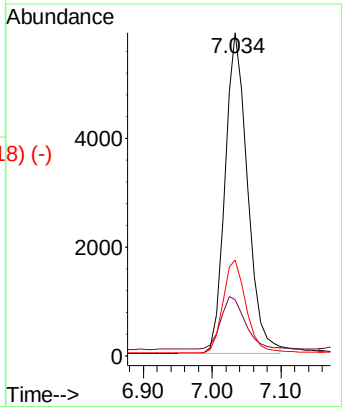
Instrument :
BNA_N
ClientSampleId :
ICVBN090921

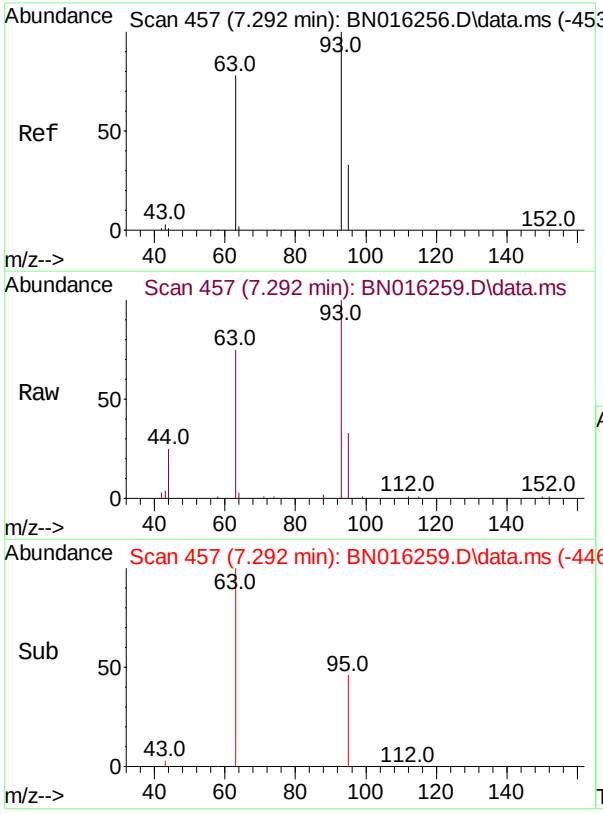


#5
Phenol-d6
Concen: 0.376 ng
RT: 7.034 min Scan# 429
Delta R.T. -0.000 min
Lab File: BN016259.D
Acq: 09 Sep 2021 15:43

Tgt Ion: 99 Resp: 13507

Ion	Ratio	Lower	Upper
99	100		
42	17.8	14.0	21.0
71	29.6	23.8	35.6

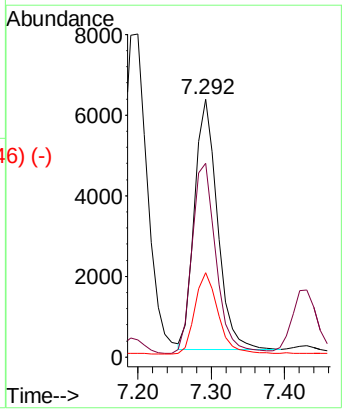




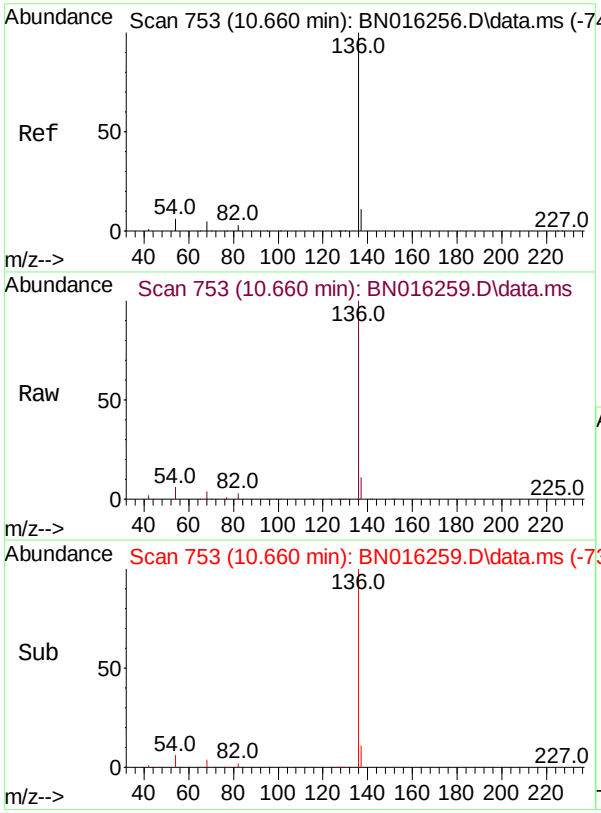
#6
bis(2-Chloroethyl)ether
Concen: 0.453 ng
RT: 7.292 min Scan# 457
Delta R.T. -0.000 min
Lab File: BN016259.D
Acq: 09 Sep 2021 15:43

Tgt Ion: 93 Resp: 13439

Ion	Ratio	Lower	Upper
93	100		
63	79.3	63.4	95.0
95	33.6	26.8	40.2



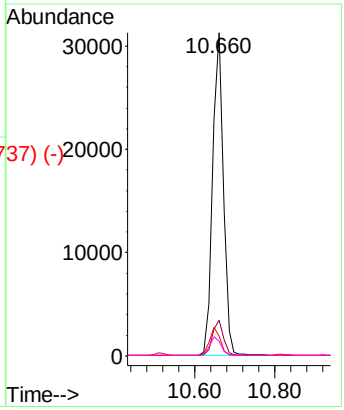
Instrument :
BNA_N
ClientSampleId :
ICVBN090921

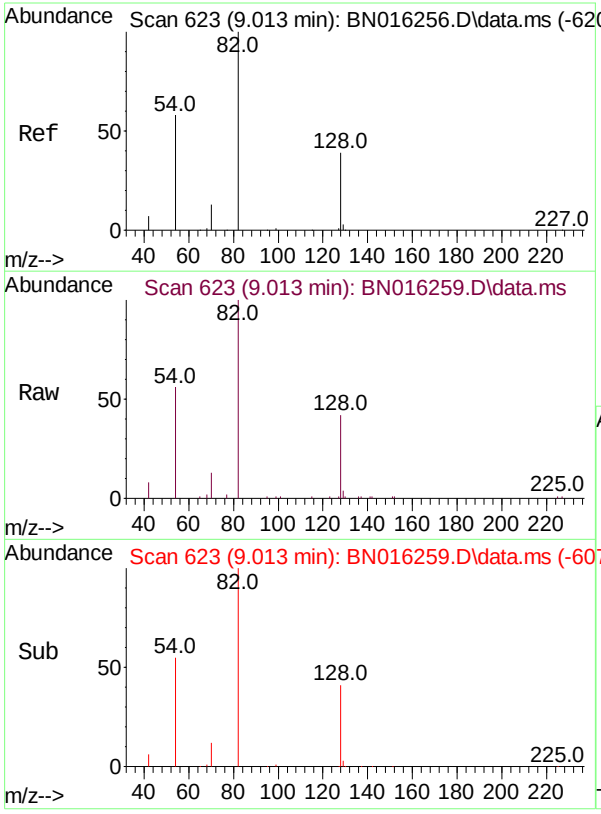


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.660 min Scan# 753
Delta R.T. -0.000 min
Lab File: BN016259.D
Acq: 09 Sep 2021 15:43

Tgt Ion:136 Resp: 58118

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	6.1	5.3	7.9
68	4.5	3.9	5.9

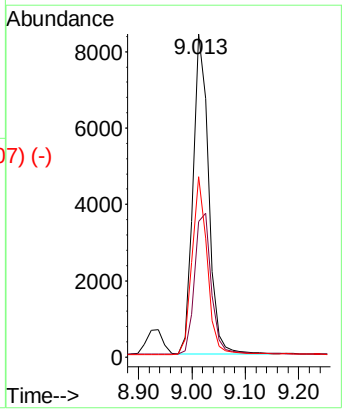




#8
Nitrobenzene-d5
Concen: 0.360 ng
RT: 9.013 min Scan# 623
Delta R.T. -0.000 min
Lab File: BN016259.D
Acq: 09 Sep 2021 15:43

Tgt Ion: 82 Resp: 16834

Ion	Ratio	Lower	Upper
82	100		
128	42.0	31.7	47.5
54	55.8	46.4	69.6



Instrument :
BNA_N
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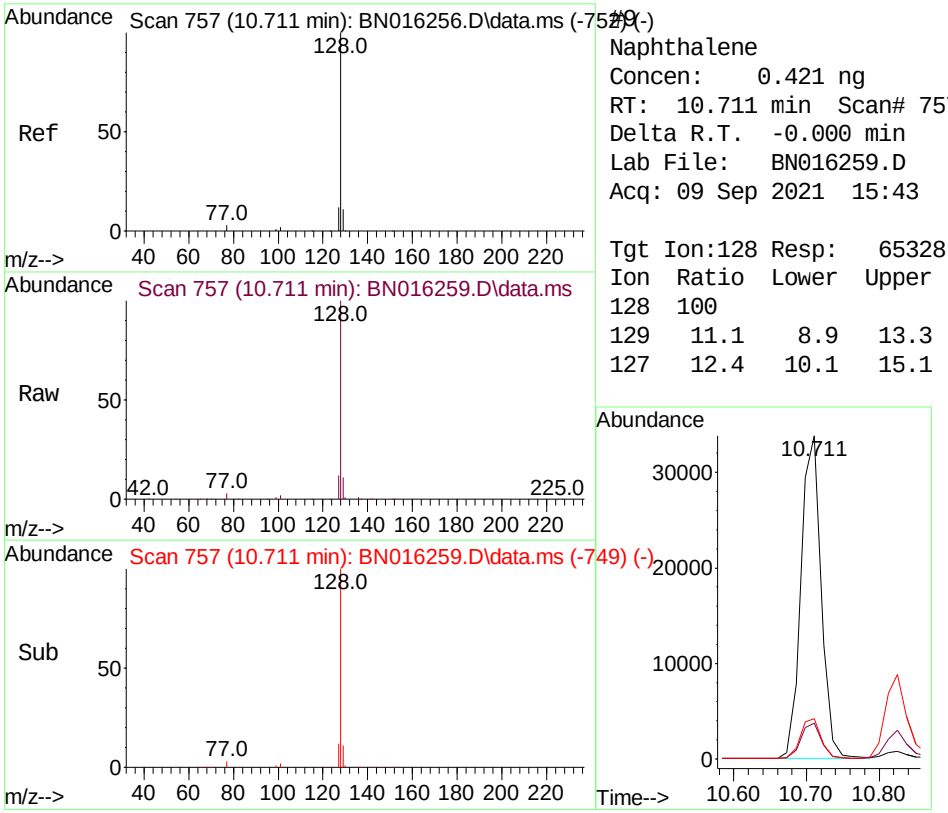
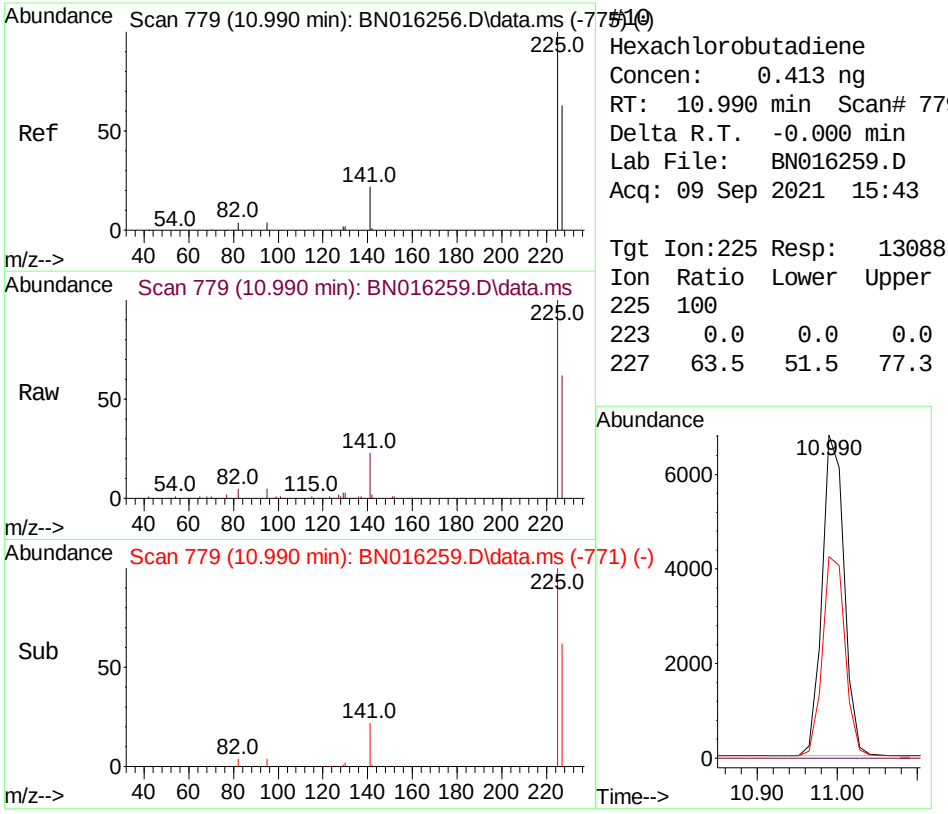


Naphthalene
Concen: 0.421 ng
RT: 10.711 min Scan# 757
Delta R.T. -0.000 min
Lab File: BN016259.D
Acq: 09 Sep 2021 15:43

Tgt Ion:128 Resp: 65328

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.9	13.3
127	12.4	10.1	15.1



Hexachlorobutadiene
Concen: 0.413 ng
RT: 10.990 min Scan# 779
Delta R.T. -0.000 min
Lab File: BN016259.D
Acq: 09 Sep 2021 15:43

Tgt Ion:225 Resp: 13088

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.5	51.5	77.3

Instrument :
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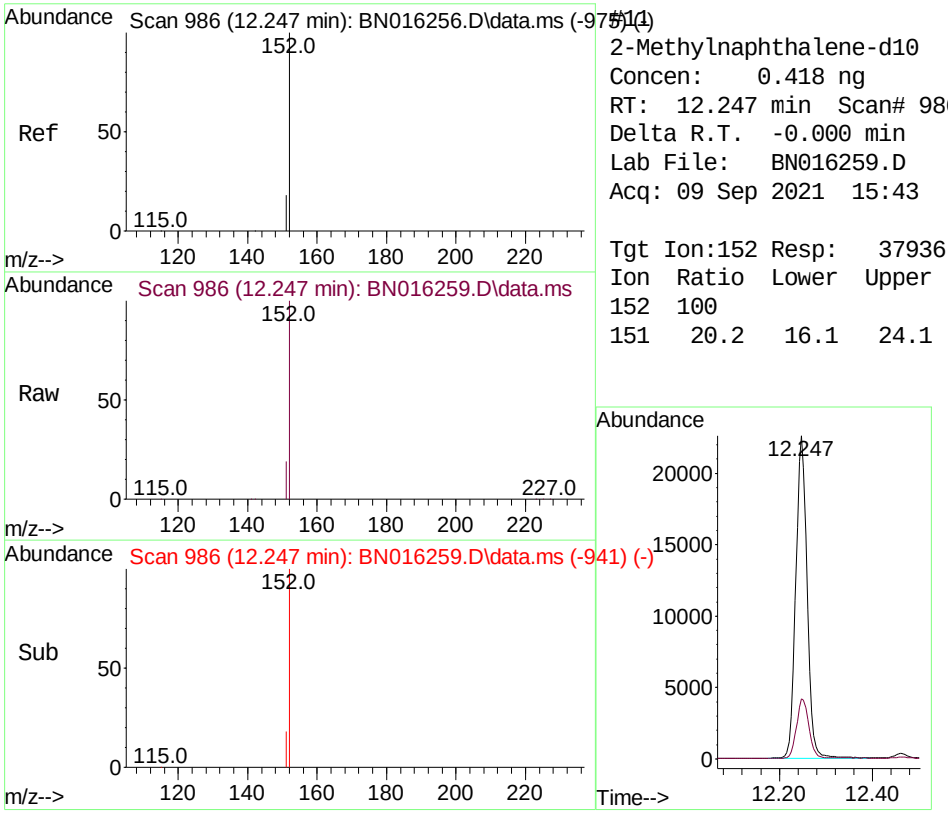
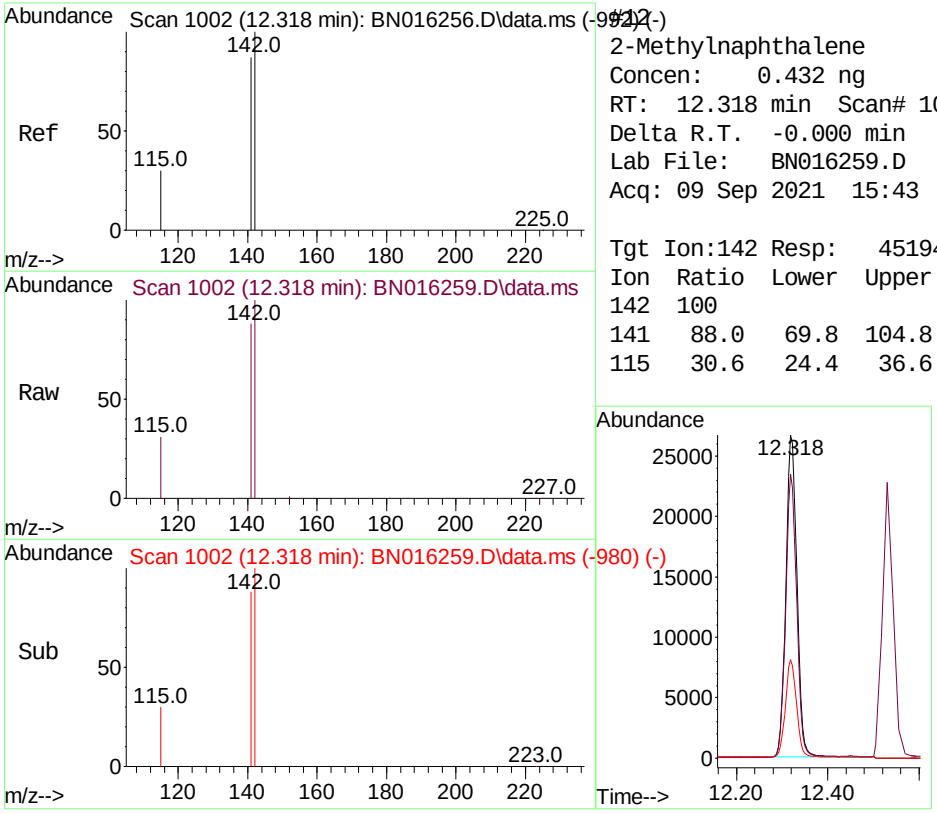


#11
2-Methylnaphthalene-d10
Concen: 0.418 ng
RT: 12.247 min Scan# 986
Delta R.T. -0.000 min
Lab File: BN016259.D
Acq: 09 Sep 2021 15:43

Tgt Ion:152 Resp: 37936

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.1	24.1

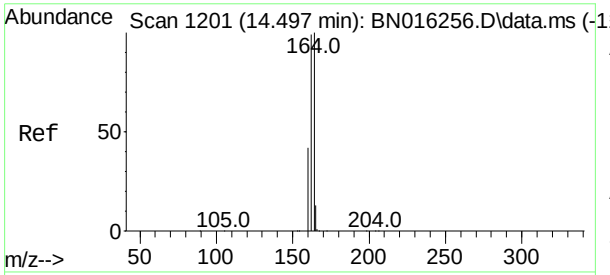


#12
2-Methylnaphthalene
Concen: 0.432 ng
RT: 12.318 min Scan# 1002
Delta R.T. -0.000 min
Lab File: BN016259.D
Acq: 09 Sep 2021 15:43

Tgt Ion:142 Resp: 45194

Ion	Ratio	Lower	Upper
142	100		
141	88.0	69.8	104.8
115	30.6	24.4	36.6

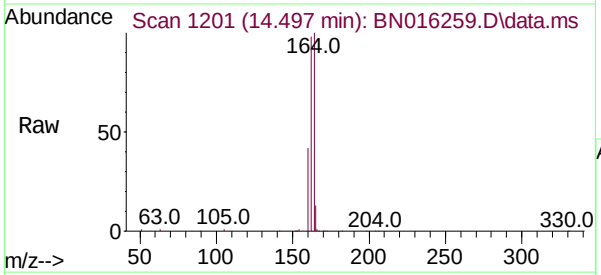
Instrument :
BNA_N
ClientSampleId :
ICVBN090921

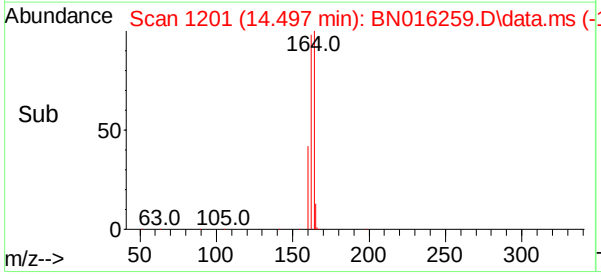


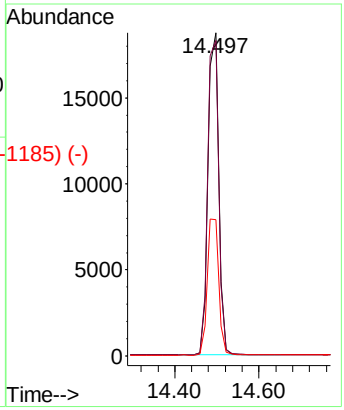
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.497 min Scan# 1201
Delta R.T. -0.000 min
Lab File: BN016259.D
Acq: 09 Sep 2021 15:43

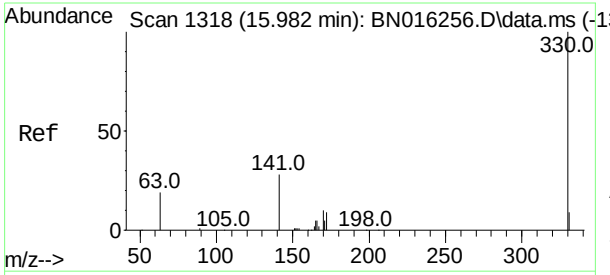
Tgt Ion:164 Resp: 33209

Ion	Ratio	Lower	Upper
164	100		
162	97.6	79.0	118.4
160	42.1	34.1	51.1





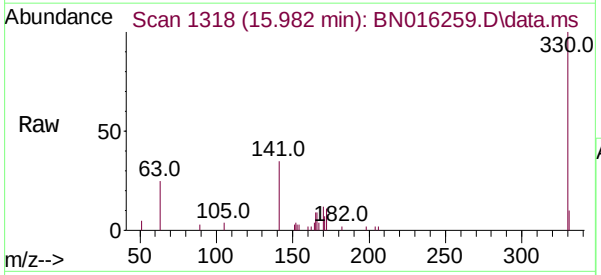


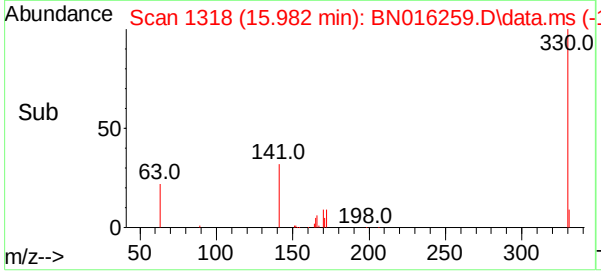


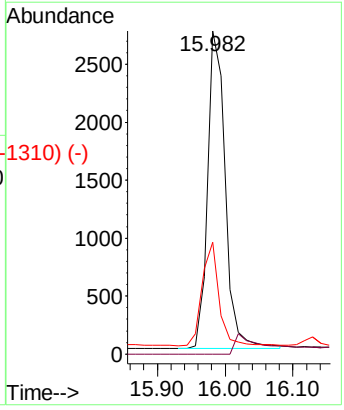
#14
2,4,6-Tribromophenol
Concen: 0.362 ng
RT: 15.982 min Scan# 1318
Delta R.T. -0.000 min
Lab File: BN016259.D
Acq: 09 Sep 2021 15:43

Tgt Ion:330 Resp: 4933

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	31.2	25.0	37.4







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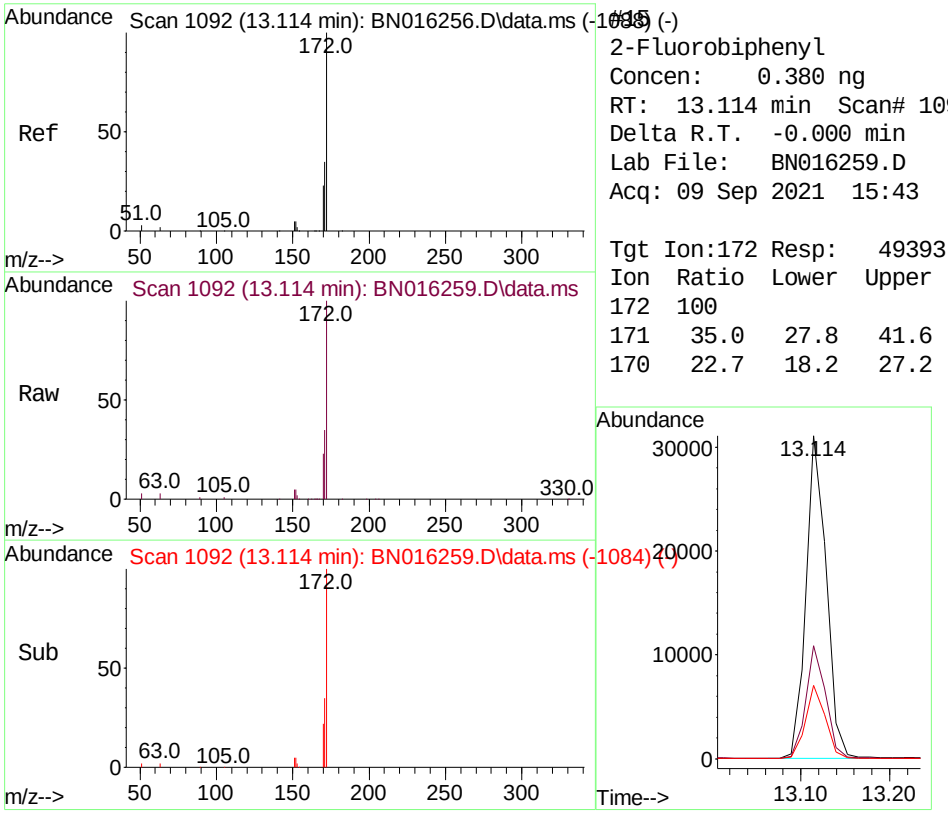
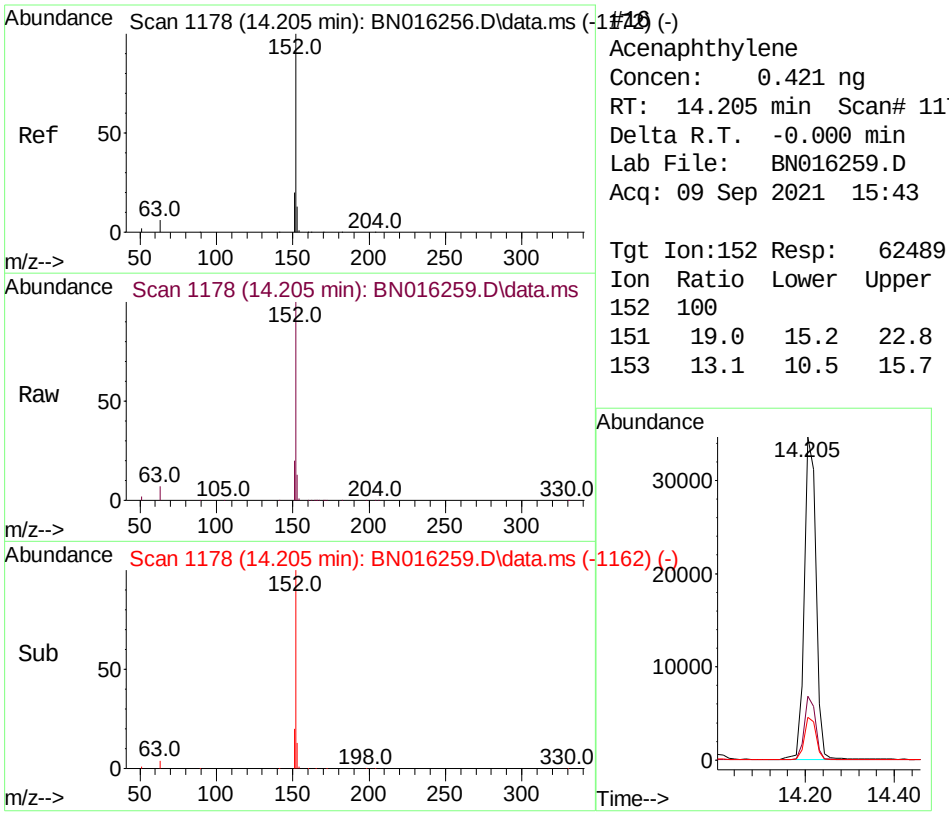


#15
2-Fluorobiphenyl
Concen: 0.380 ng
RT: 13.114 min Scan# 1092
Delta R.T. -0.000 min
Lab File: BN016259.D
Acq: 09 Sep 2021 15:43

Tgt Ion:172 Resp: 49393

Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.8	41.6
170	22.7	18.2	27.2

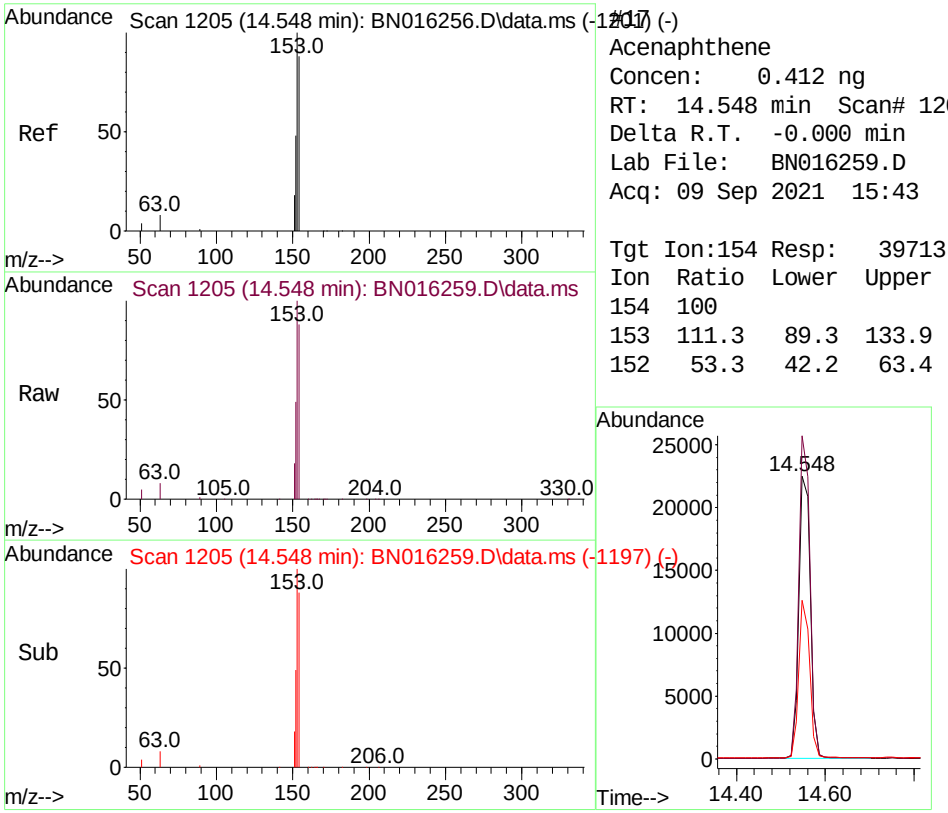


#16
Acenaphthylene
Concen: 0.421 ng
RT: 14.205 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BN016259.D
Acq: 09 Sep 2021 15:43

Tgt Ion:152 Resp: 62489

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.2	22.8
153	13.1	10.5	15.7

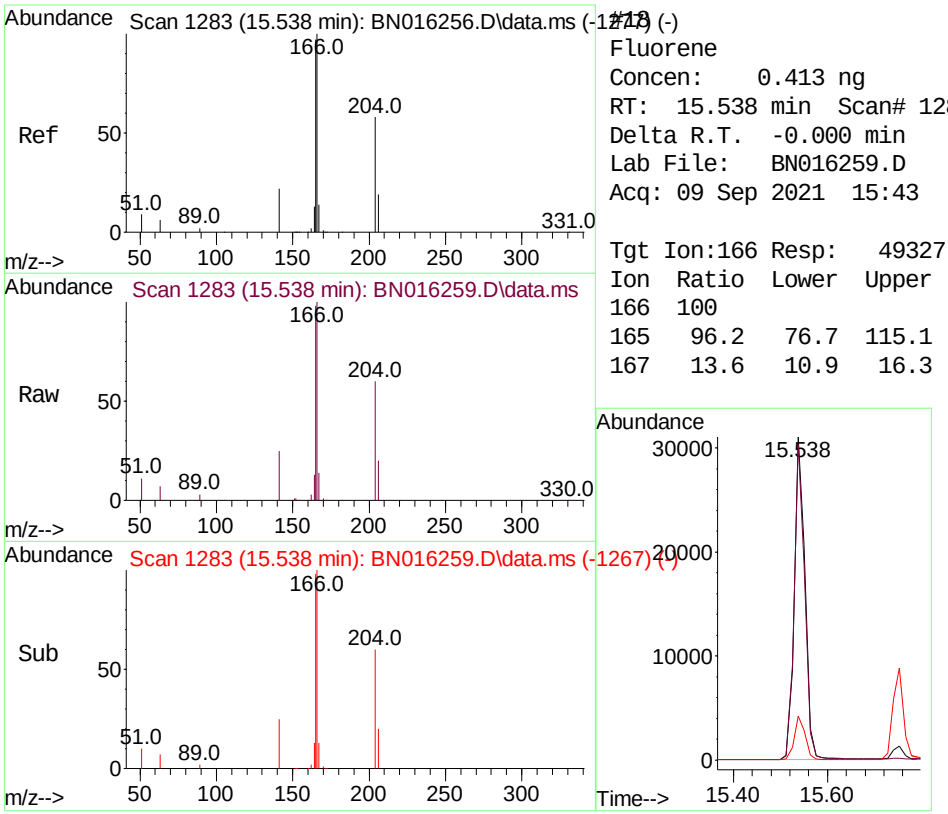
Instrument :
BNA_N
ClientSampleId :
ICVBN090921



#17
Acenaphthene
Concen: 0.412 ng
RT: 14.548 min Scan# 1205
Delta R.T. -0.000 min
Lab File: BN016259.D
Acq: 09 Sep 2021 15:43

Tgt Ion:154 Resp: 39713

Ion	Ratio	Lower	Upper
154	100		
153	111.3	89.3	133.9
152	53.3	42.2	63.4

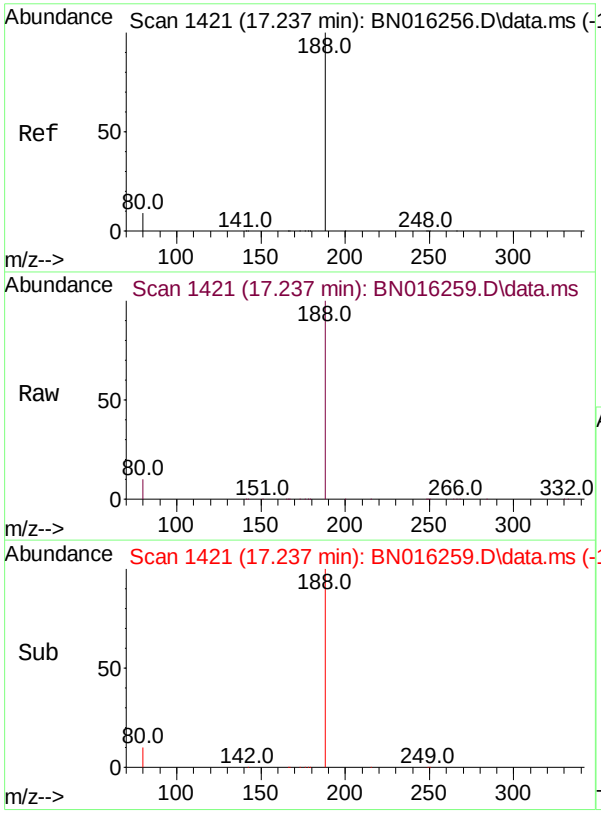


#18
Fluorene
Concen: 0.413 ng
RT: 15.538 min Scan# 1283
Delta R.T. -0.000 min
Lab File: BN016259.D
Acq: 09 Sep 2021 15:43

Tgt Ion:166 Resp: 49327

Ion	Ratio	Lower	Upper
166	100		
165	96.2	76.7	115.1
167	13.6	10.9	16.3

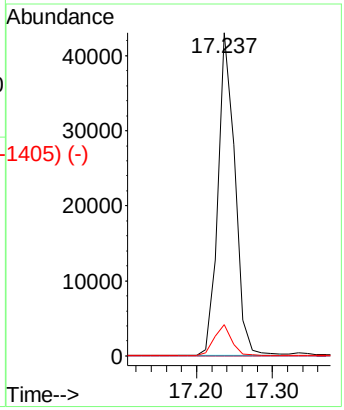
Instrument :
BNA_N
ClientSampleId :
ICVBN090921

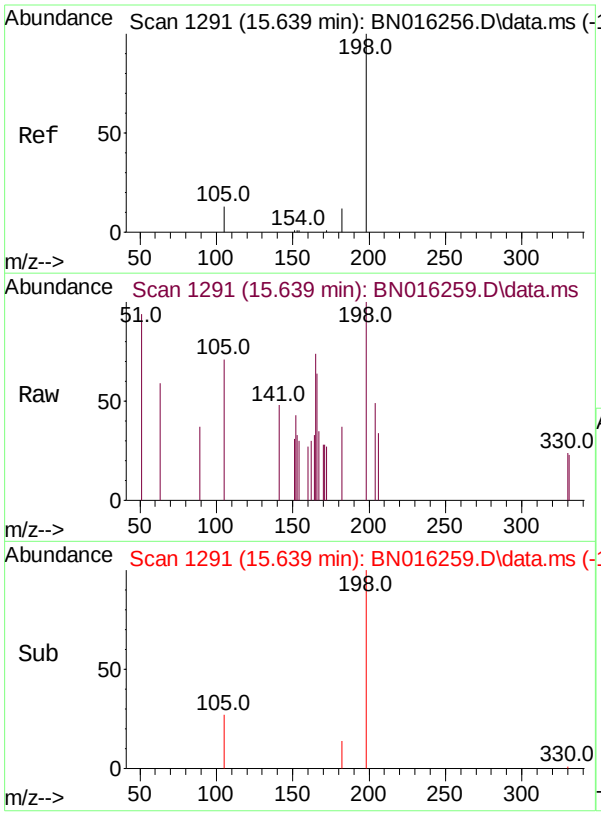


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.237 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BN016259.D
Acq: 09 Sep 2021 15:43

Tgt Ion:188 Resp: 66426

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.7	7.0	10.6

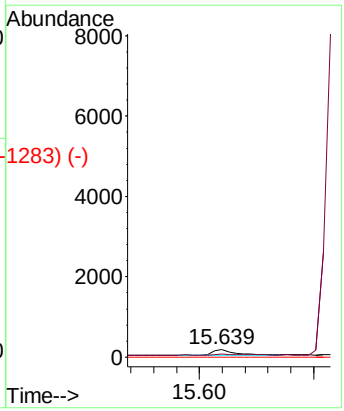




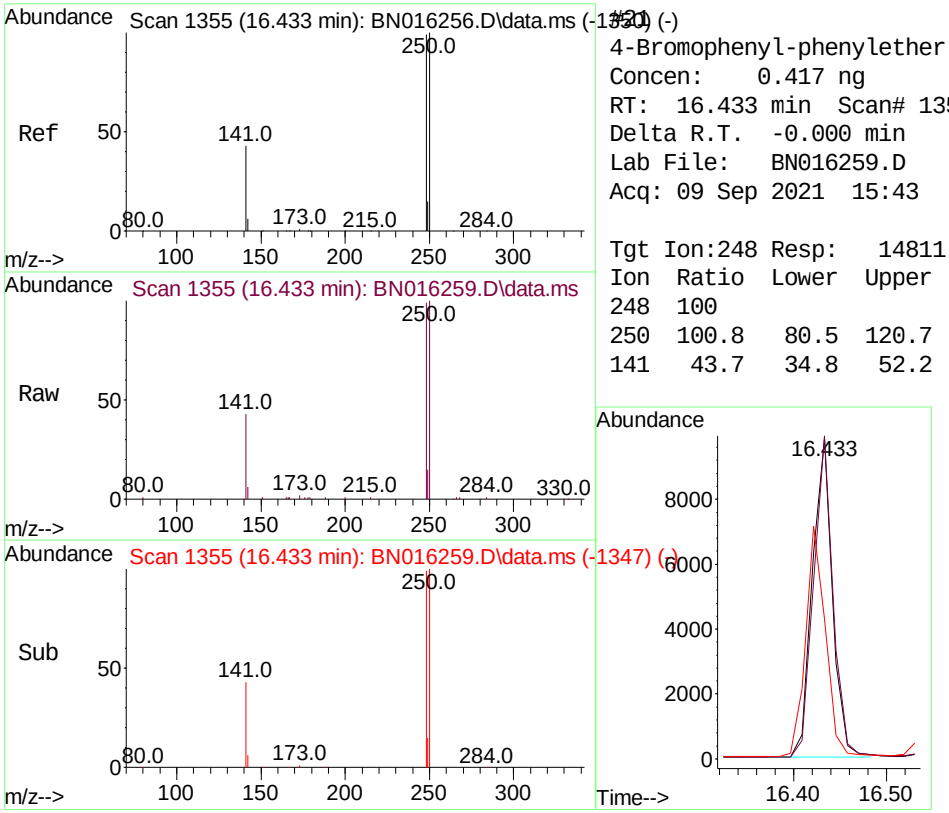
#20
4,6-Dinitro-2-methylphenol
Concen: 0.330 ng
RT: 15.639 min Scan# 1291
Delta R.T. 0.000 min
Lab File: BN016259.D
Acq: 09 Sep 2021 15:43

Tgt Ion:198 Resp: 336

Ion	Ratio	Lower	Upper
198	100		
182	37.0	26.6	39.8
77	0.0	0.0	0.0



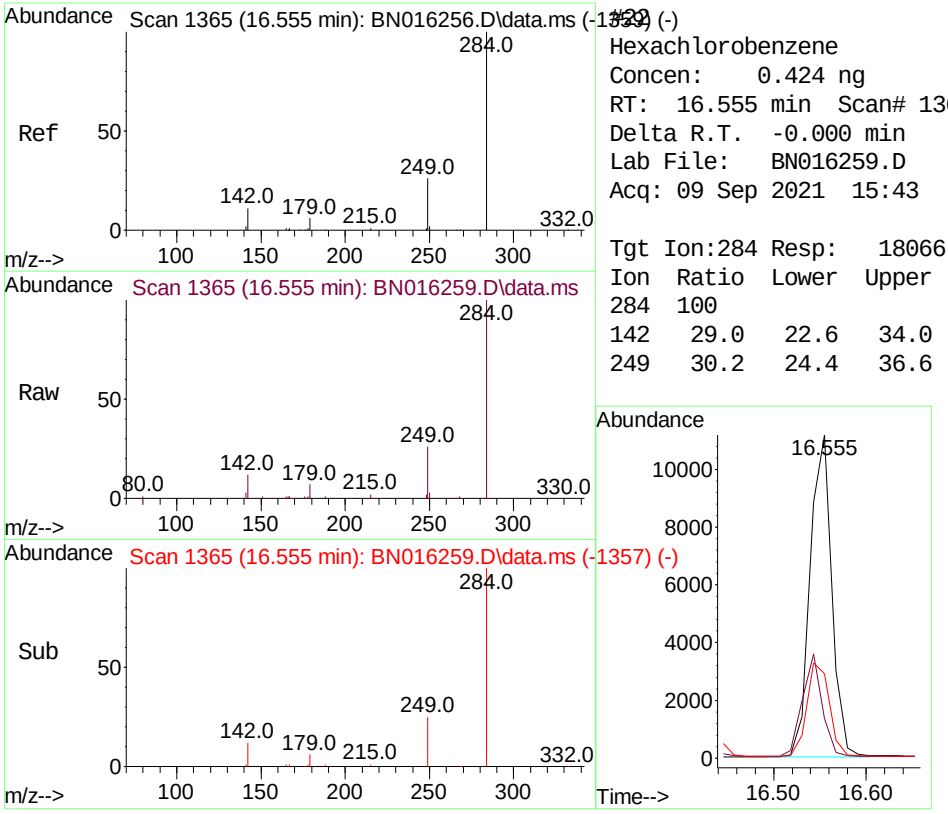
Instrument :
BNA_N
ClientSampleId :
ICVBN090921



#21
4-Bromophenyl-phenylether
Concen: 0.417 ng
RT: 16.433 min Scan# 1355
Delta R.T. -0.000 min
Lab File: BN016259.D
Acq: 09 Sep 2021 15:43

Tgt Ion:248 Resp: 14811

Ion	Ratio	Lower	Upper
248	100		
250	100.8	80.5	120.7
141	43.7	34.8	52.2

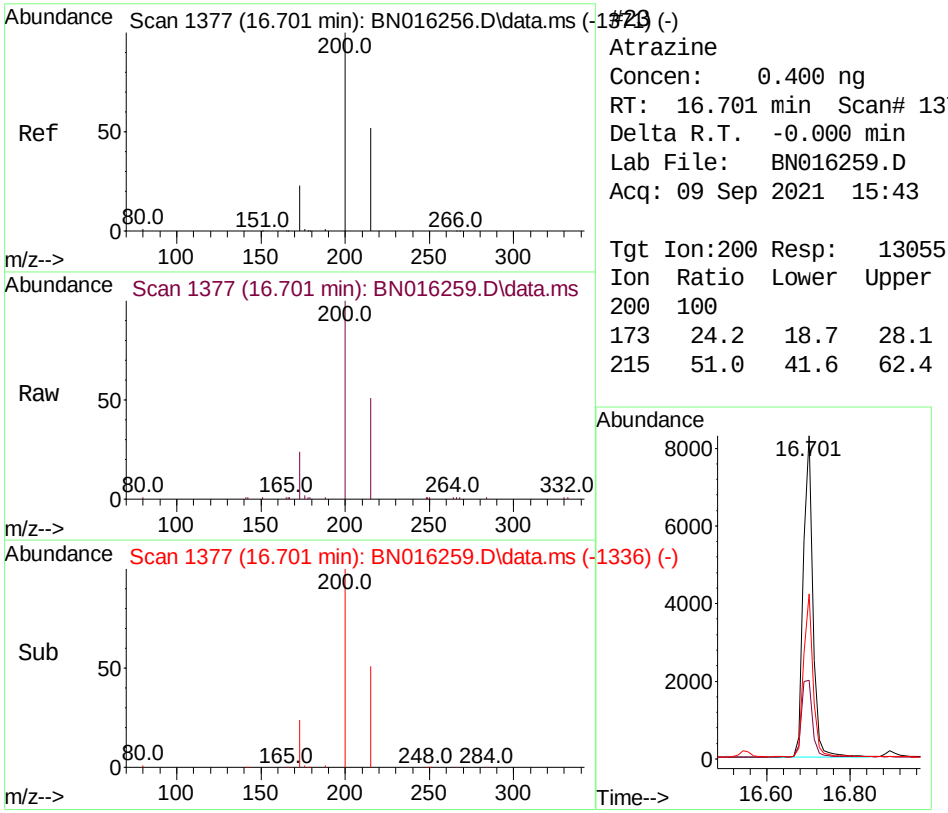


#22
Hexachlorobenzene
Concen: 0.424 ng
RT: 16.555 min Scan# 1365
Delta R.T. -0.000 min
Lab File: BN016259.D
Acq: 09 Sep 2021 15:43

Tgt Ion:284 Resp: 18066

Ion	Ratio	Lower	Upper
284	100		
142	29.0	22.6	34.0
249	30.2	24.4	36.6

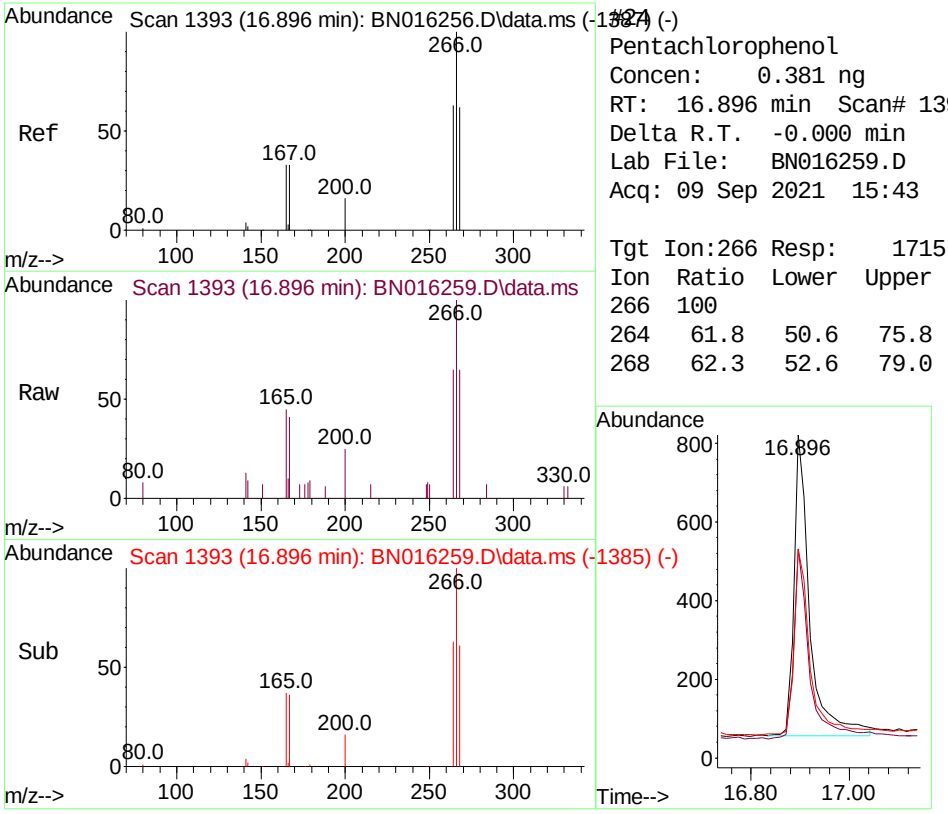
Instrument :
BNA_N
ClientSampleId :
ICVBN090921



#20
Atrazine
Concen: 0.400 ng
RT: 16.701 min Scan# 1377
Delta R.T. -0.000 min
Lab File: BN016259.D
Acq: 09 Sep 2021 15:43

Tgt Ion:200 Resp: 13055

Ion	Ratio	Lower	Upper
200	100		
173	24.2	18.7	28.1
215	51.0	41.6	62.4

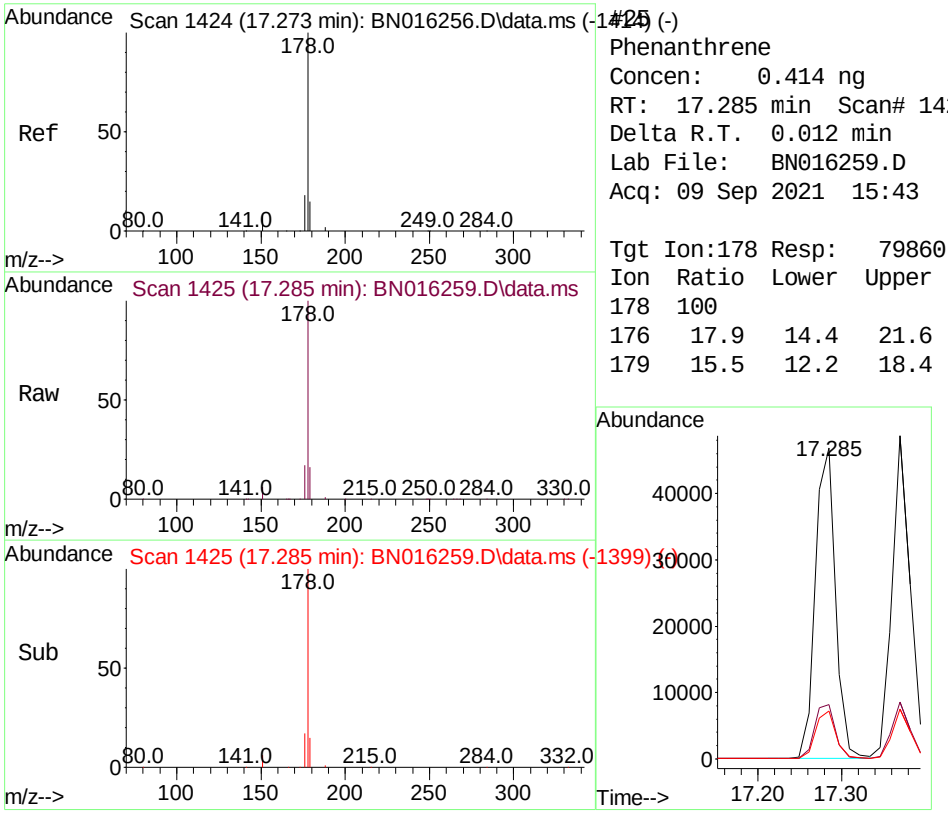


#24
Pentachlorophenol
Concen: 0.381 ng
RT: 16.896 min Scan# 1393
Delta R.T. -0.000 min
Lab File: BN016259.D
Acq: 09 Sep 2021 15:43

Tgt Ion:266 Resp: 1715

Ion	Ratio	Lower	Upper
266	100		
264	61.8	50.6	75.8
268	62.3	52.6	79.0

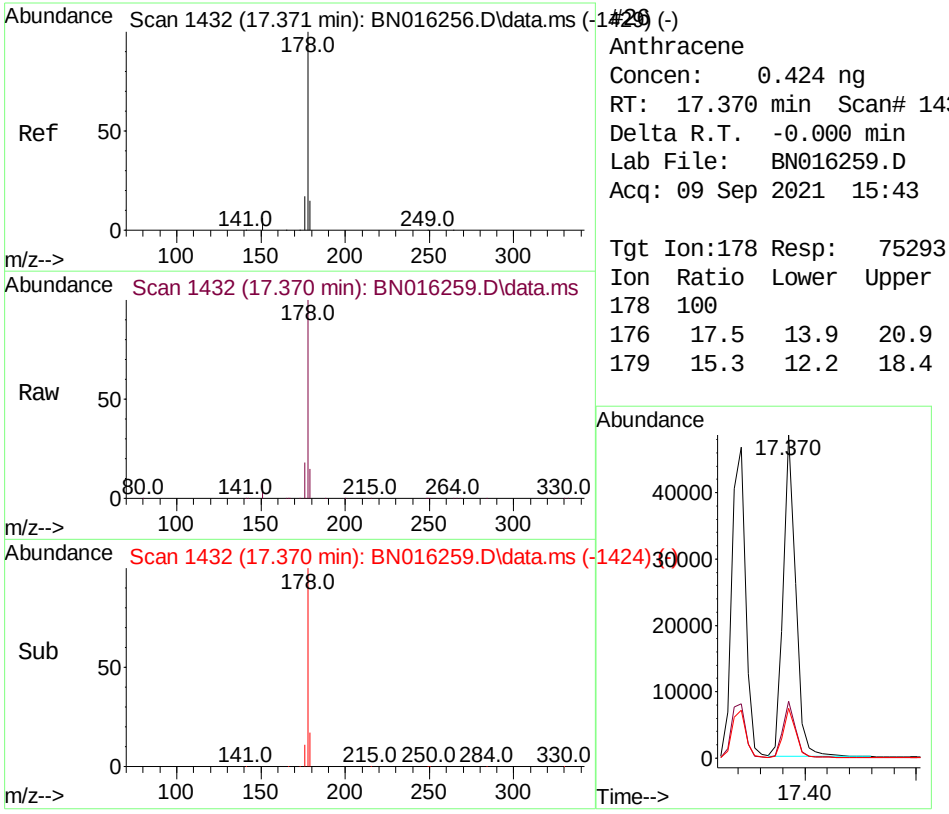
Instrument :
BNA_N
ClientSampleId :
ICVBN090921



#25
Phenanthrene
Concen: 0.414 ng
RT: 17.285 min Scan# 1425
Delta R.T. 0.012 min
Lab File: BN016259.D
Acq: 09 Sep 2021 15:43

Tgt Ion:178 Resp: 79860

Ion	Ratio	Lower	Upper
178	100		
176	17.9	14.4	21.6
179	15.5	12.2	18.4

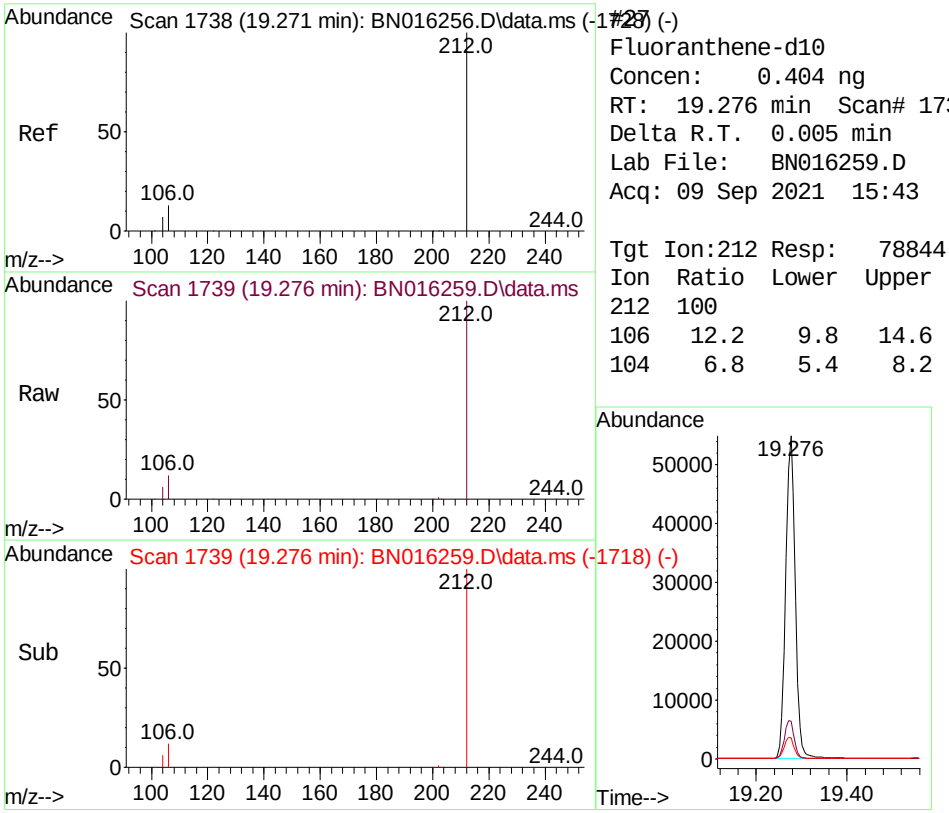


#26
Anthracene
Concen: 0.424 ng
RT: 17.370 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BN016259.D
Acq: 09 Sep 2021 15:43

Tgt Ion:178 Resp: 75293

Ion	Ratio	Lower	Upper
178	100		
176	17.5	13.9	20.9
179	15.3	12.2	18.4

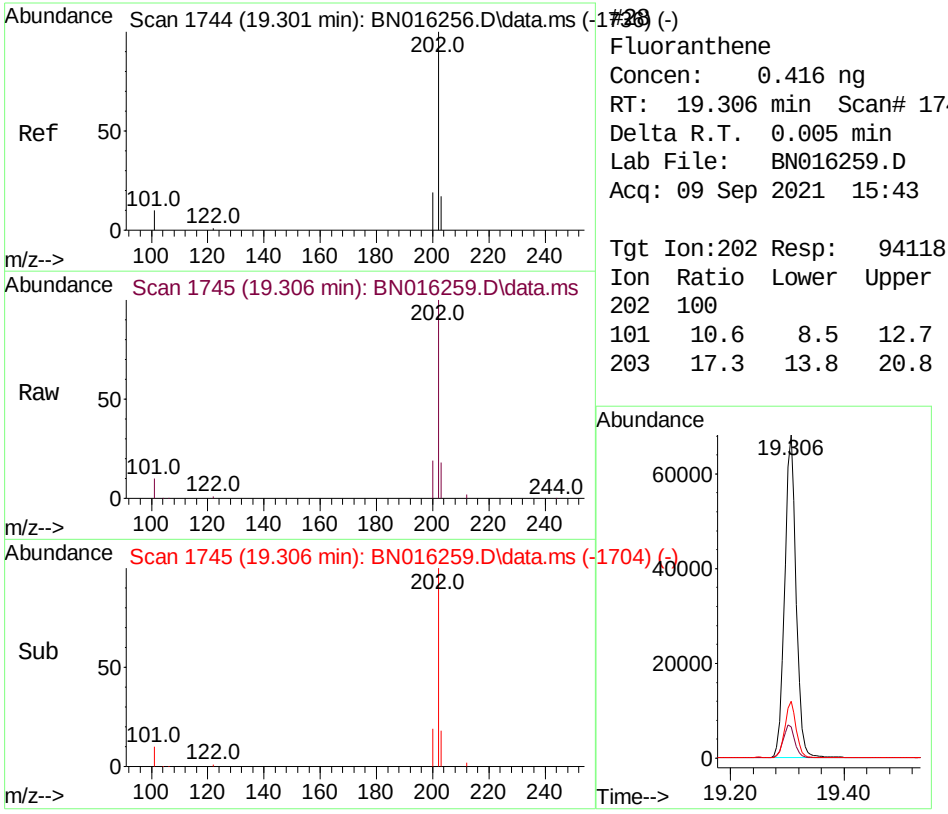
Instrument :
BNA_N
ClientSampleId :
ICVBN090921



#27
Fluoranthene-d10
Concen: 0.404 ng
RT: 19.276 min Scan# 1739
Delta R.T. 0.005 min
Lab File: BN016259.D
Acq: 09 Sep 2021 15:43

Tgt Ion:212 Resp: 78844

Ion	Ratio	Lower	Upper
212	100		
106	12.2	9.8	14.6
104	6.8	5.4	8.2

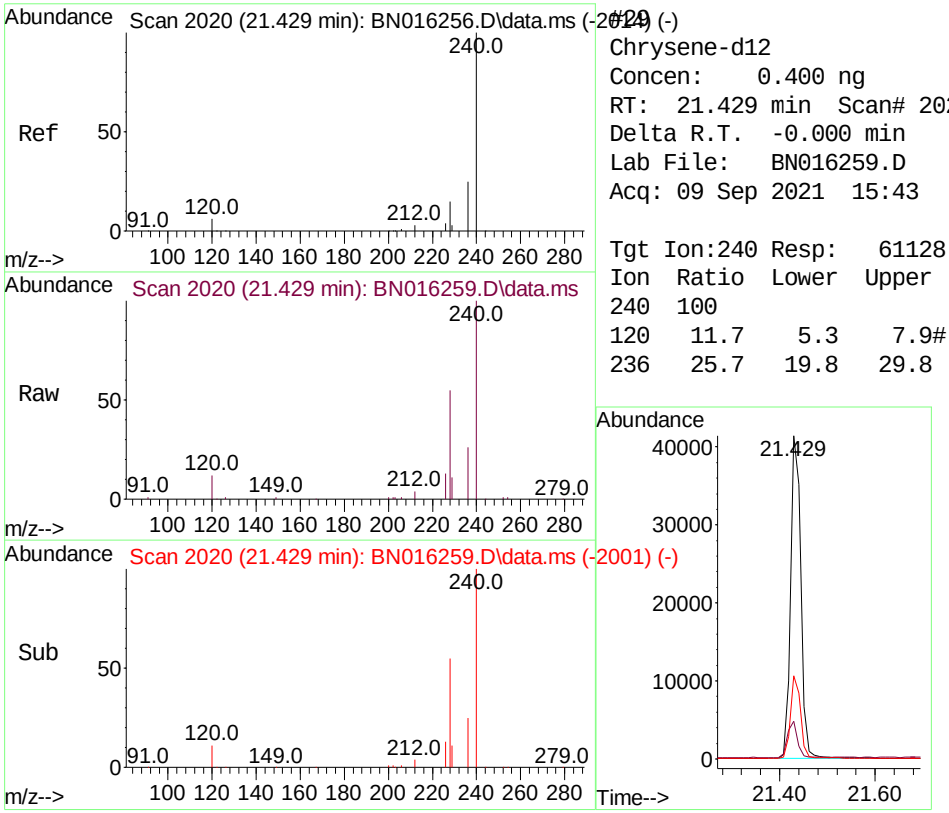


#28
Fluoranthene
Concen: 0.416 ng
RT: 19.306 min Scan# 1745
Delta R.T. 0.005 min
Lab File: BN016259.D
Acq: 09 Sep 2021 15:43

Tgt Ion:202 Resp: 94118

Ion	Ratio	Lower	Upper
202	100		
101	10.6	8.5	12.7
203	17.3	13.8	20.8

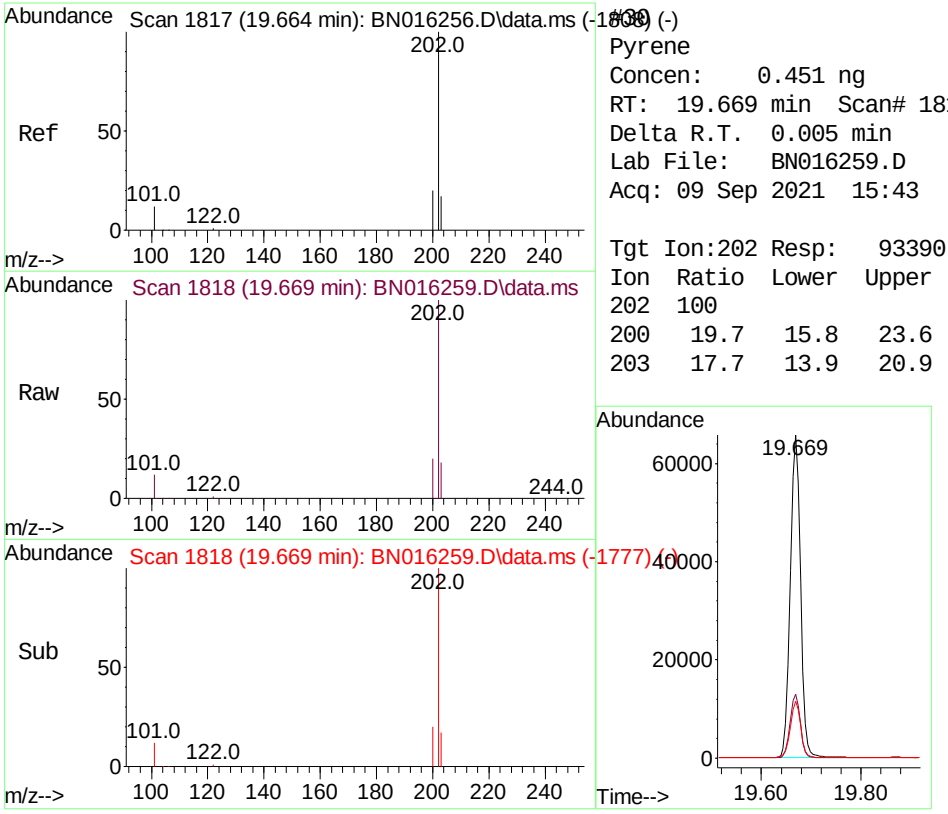
Instrument :
BNA_N
ClientSampleId :
ICVBN090921



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.429 min Scan# 2020
Delta R.T. -0.000 min
Lab File: BN016259.D
Acq: 09 Sep 2021 15:43

Tgt Ion:240 Resp: 61128

Ion	Ratio	Lower	Upper
240	100		
120	11.7	5.3	7.9#
236	25.7	19.8	29.8

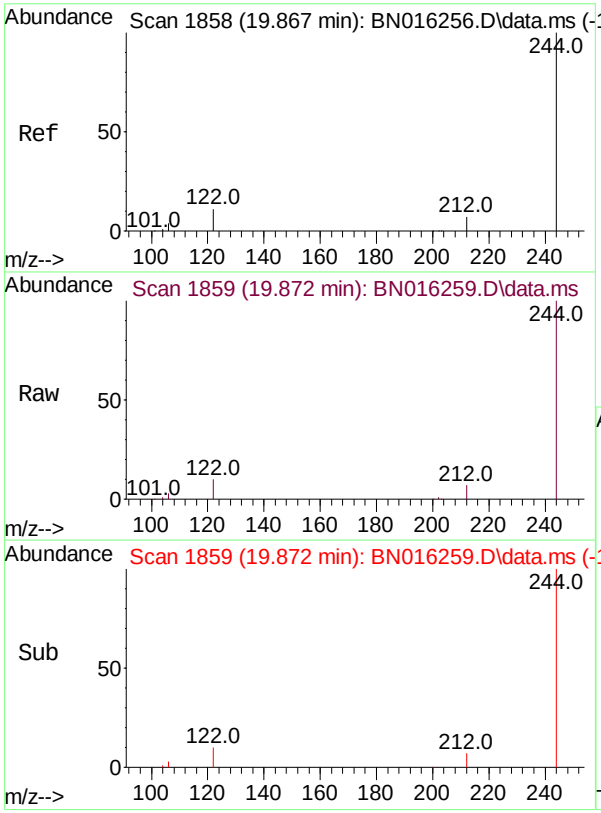


#30
Pyrene
Concen: 0.451 ng
RT: 19.669 min Scan# 1818
Delta R.T. 0.005 min
Lab File: BN016259.D
Acq: 09 Sep 2021 15:43

Tgt Ion:202 Resp: 93390

Ion	Ratio	Lower	Upper
202	100		
200	19.7	15.8	23.6
203	17.7	13.9	20.9

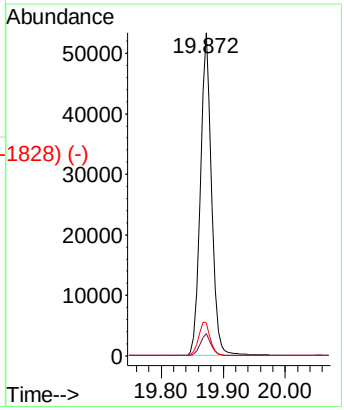
Instrument :
BNA_N
ClientSampleId :
ICVBN090921

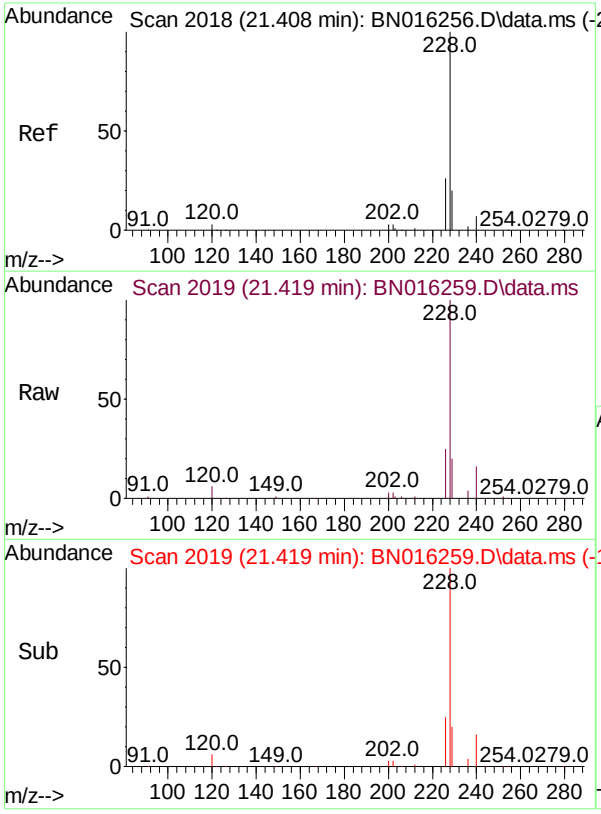


#31
Terphenyl-d14
Concen: 0.436 ng
RT: 19.872 min Scan# 1859
Delta R.T. 0.005 min
Lab File: BN016259.D
Acq: 09 Sep 2021 15:43

Tgt Ion:244 Resp: 66831

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.5	8.3
122	10.3	9.0	13.4

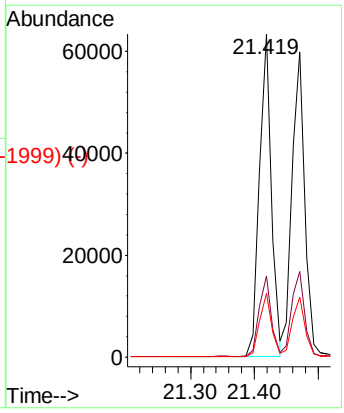




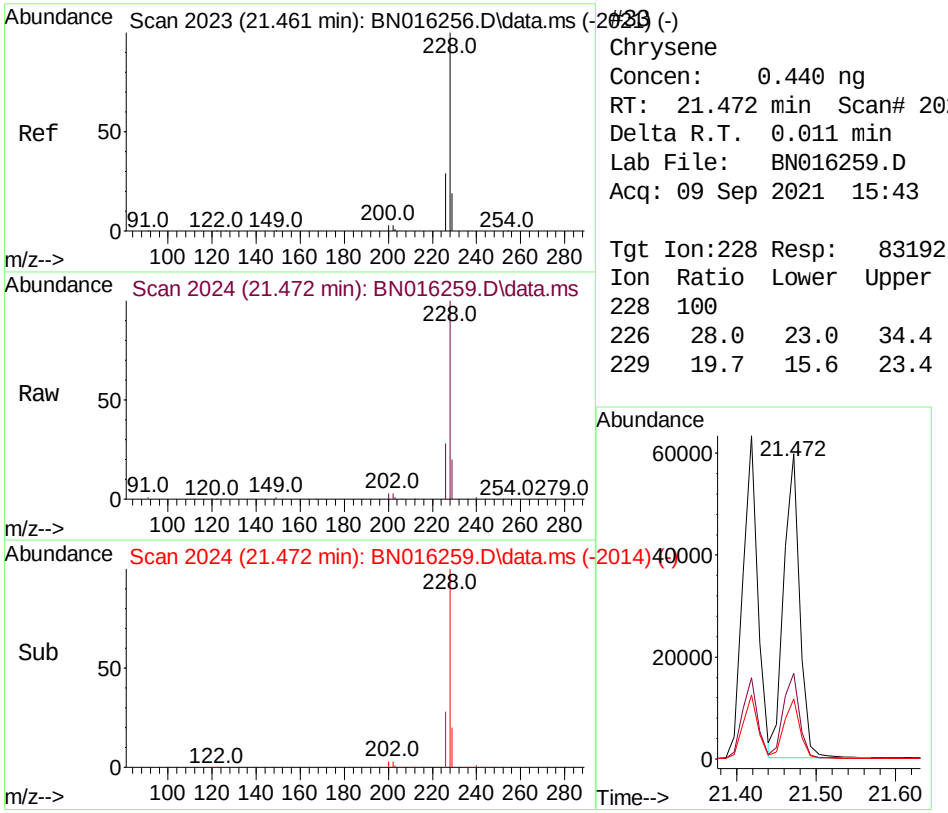
#32
Benzo(a)anthracene
Concen: 0.435 ng
RT: 21.419 min Scan# 2019
Delta R.T. 0.011 min
Lab File: BN016259.D
Acq: 09 Sep 2021 15:43

Tgt Ion:228 Resp: 82895

Ion	Ratio	Lower	Upper
228	100		
226	25.1	20.8	31.2
229	19.7	15.8	23.6



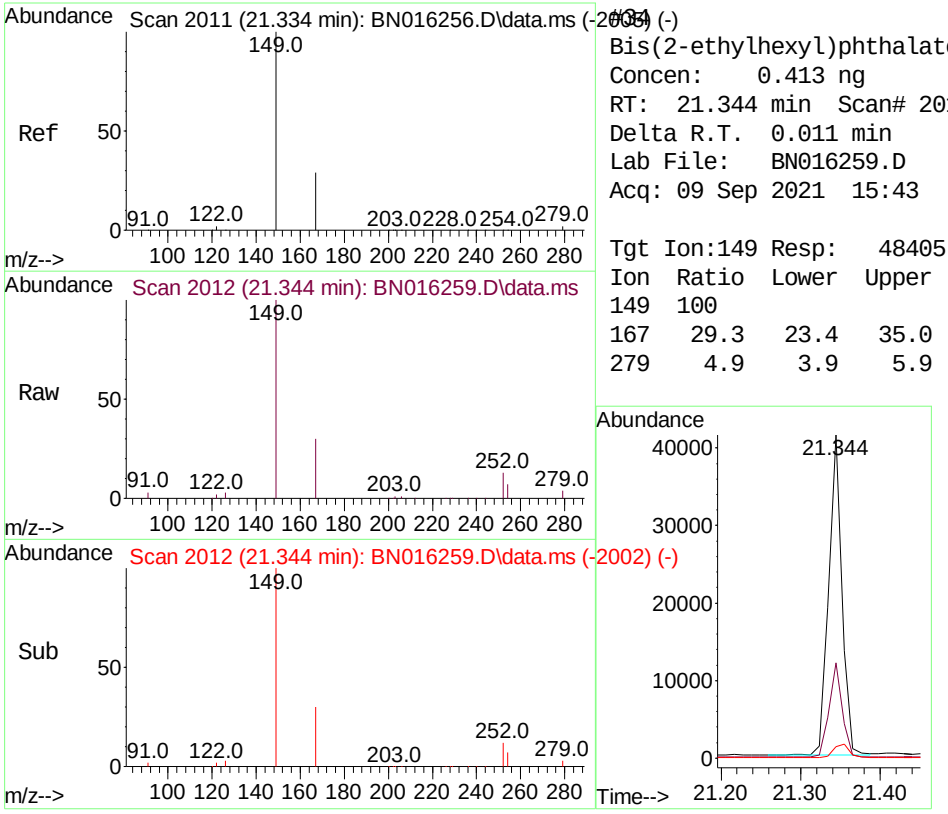
Instrument :
BNA_N
ClientSampleId :
ICVBN090921



Chrysene
Concen: 0.440 ng
RT: 21.472 min Scan# 2024
Delta R.T. 0.011 min
Lab File: BN016259.D
Acq: 09 Sep 2021 15:43

Tgt Ion:228 Resp: 83192

Ion	Ratio	Lower	Upper
228	100		
226	28.0	23.0	34.4
229	19.7	15.6	23.4

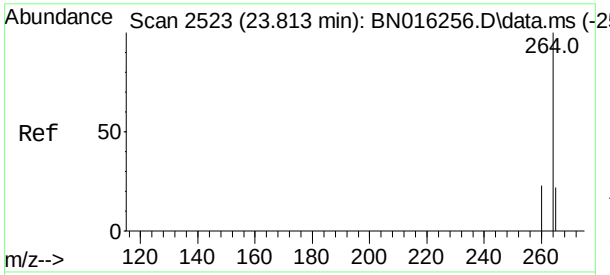


Bis(2-ethylhexyl)phthalate
Concen: 0.413 ng
RT: 21.344 min Scan# 2012
Delta R.T. 0.011 min
Lab File: BN016259.D
Acq: 09 Sep 2021 15:43

Tgt Ion:149 Resp: 48405

Ion	Ratio	Lower	Upper
149	100		
167	29.3	23.4	35.0
279	4.9	3.9	5.9

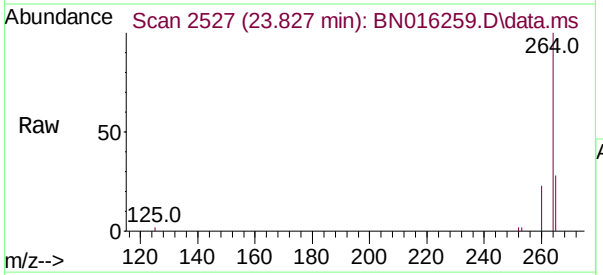
Instrument :
BNA_N
ClientSampleId :
ICVBN090921

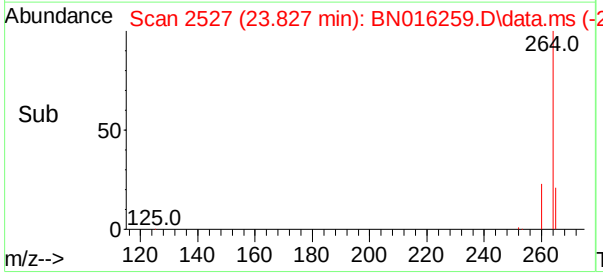


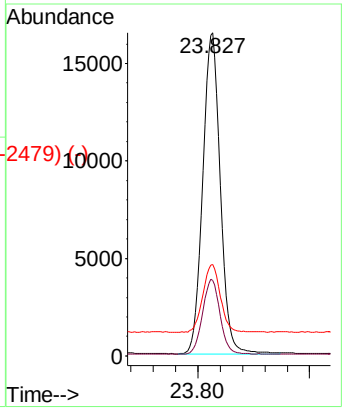
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.827 min Scan# 2527
Delta R.T. 0.014 min
Lab File: BN016259.D
Acq: 09 Sep 2021 15:43

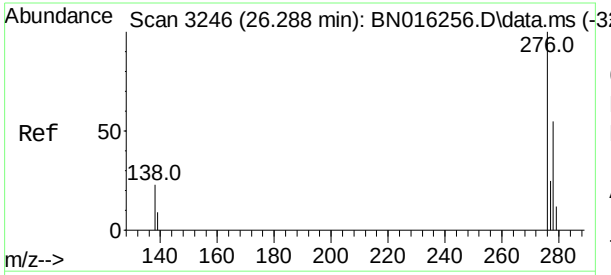
Tgt Ion:264 Resp: 35731

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.9	28.3
265	28.2	23.7	35.5





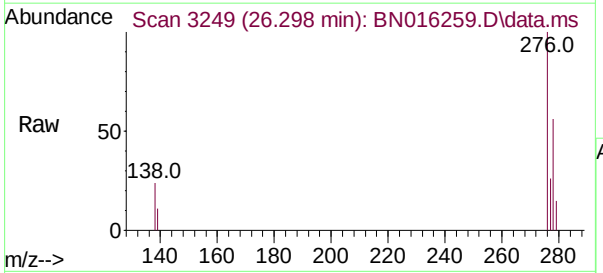


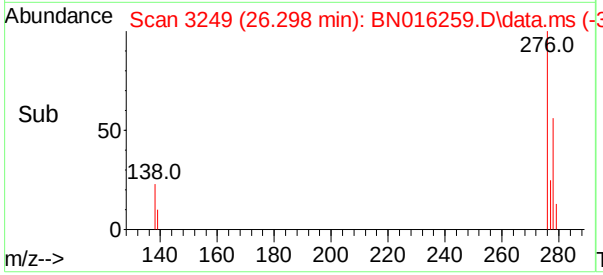


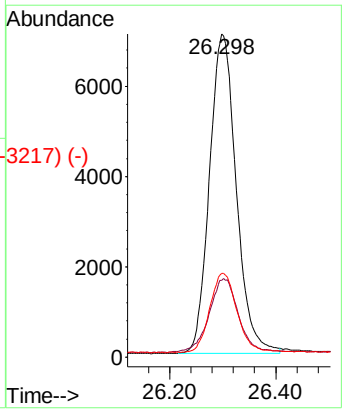
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.419 ng
RT: 26.298 min Scan# 3249
Delta R.T. 0.010 min
Lab File: BN016259.D
Acq: 09 Sep 2021 15:43

Tgt Ion:276 Resp: 24907

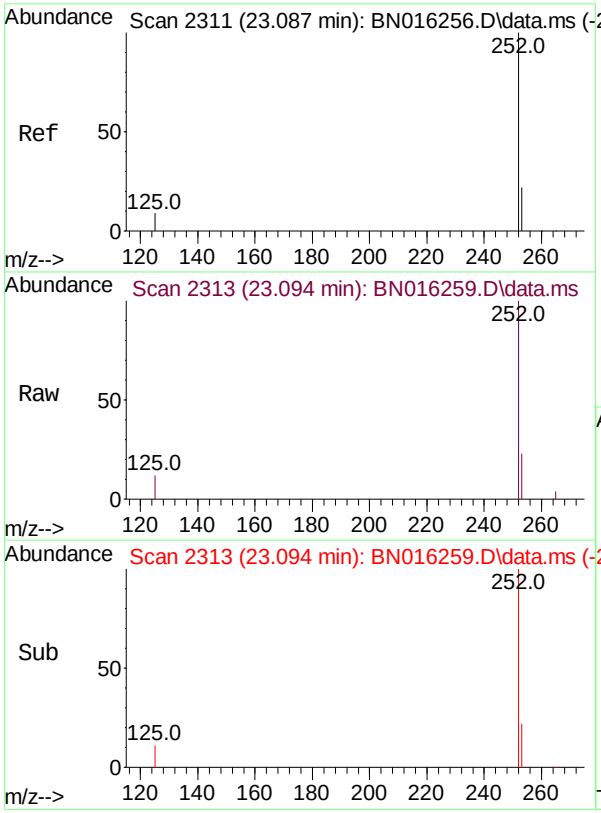
Ion	Ratio	Lower	Upper
276	100		
138	24.2	19.3	28.9
277	25.0	20.2	30.2







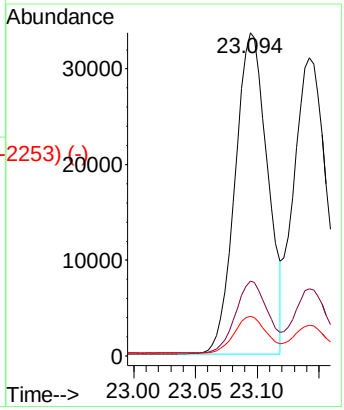
Instrument :
BNA_N
ClientSampleId :
ICVBN090921

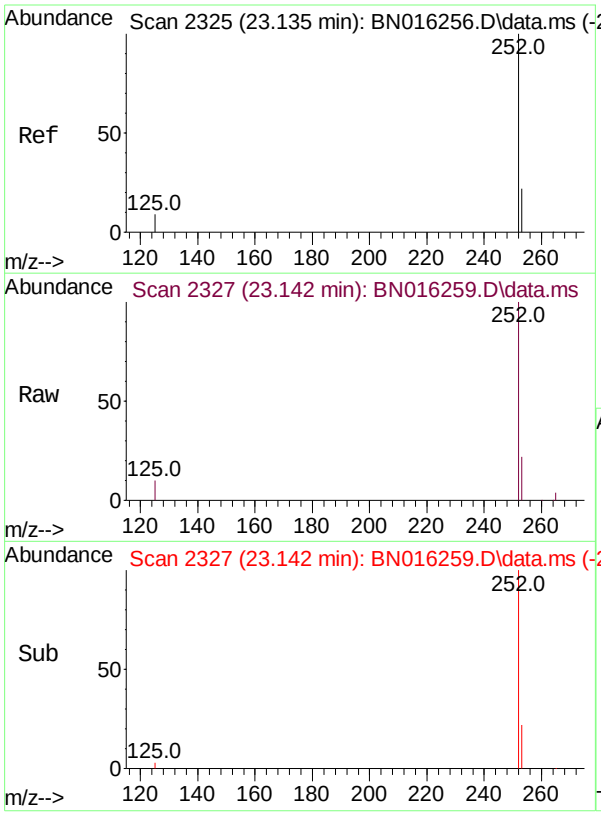


#37
Benzo(b)fluoranthene
Concen: 0.444 ng
RT: 23.094 min Scan# 2313
Delta R.T. 0.007 min
Lab File: BN016259.D
Acq: 09 Sep 2021 15:43

Tgt Ion:252 Resp: 61198

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.2	27.2
125	12.3	8.4	12.6

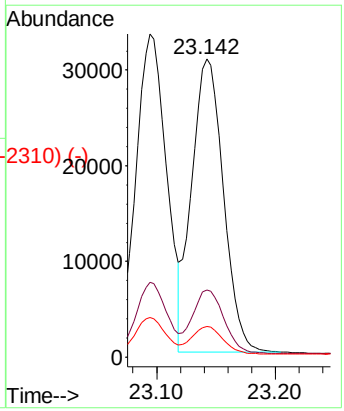




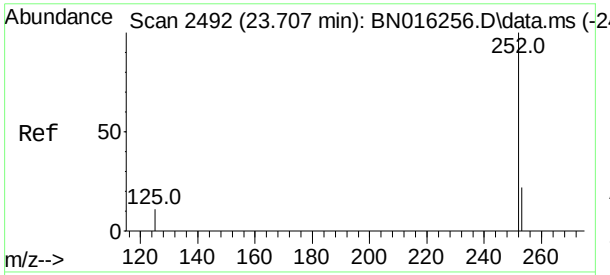
#38
Benzo(k)fluoranthene
Concen: 0.463 ng
RT: 23.142 min Scan# 2327
Delta R.T. 0.007 min
Lab File: BN016259.D
Acq: 09 Sep 2021 15:43

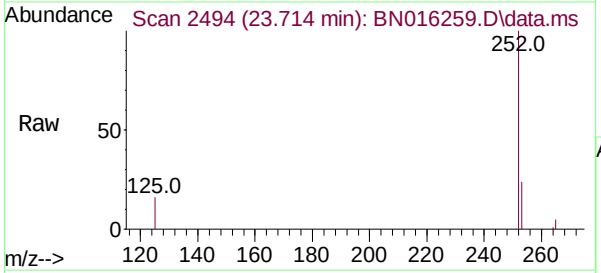
Tgt Ion:252 Resp: 56946

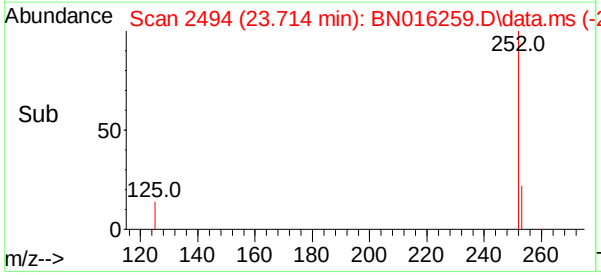
Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.2
125	10.3	8.2	12.4



Instrument :
BNA_N
ClientSampleId :
ICVBN090921



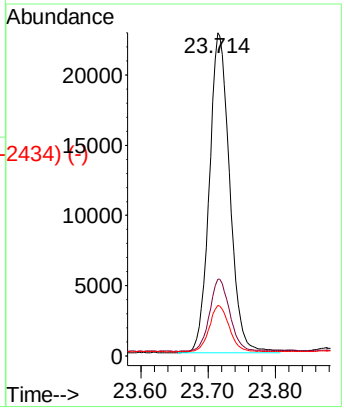


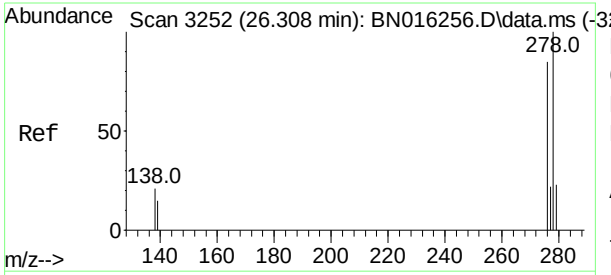


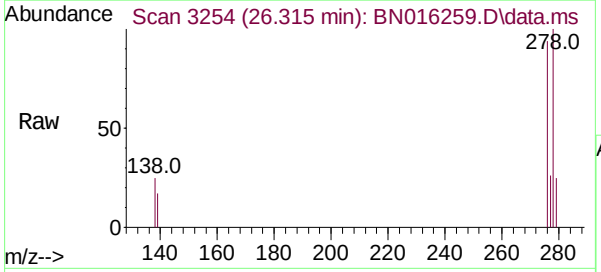
#39
Benzo(a)pyrene
Concen: 0.465 ng
RT: 23.714 min Scan# 2494
Delta R.T. 0.007 min
Lab File: BN016259.D
Acq: 09 Sep 2021 15:43

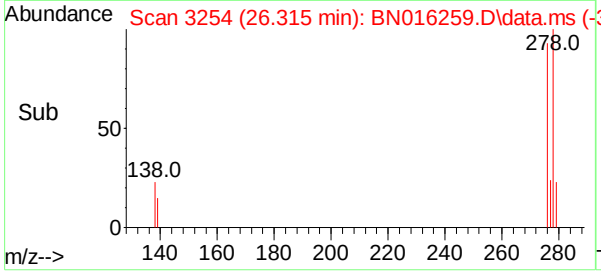
Tgt Ion:252 Resp: 47718

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.7	28.1
125	15.6	9.9	14.9#





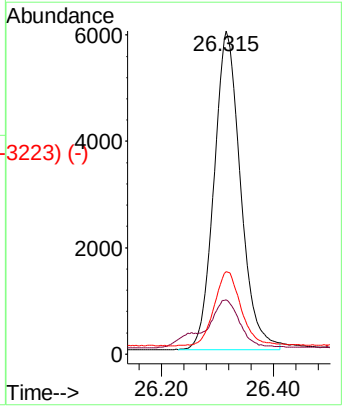


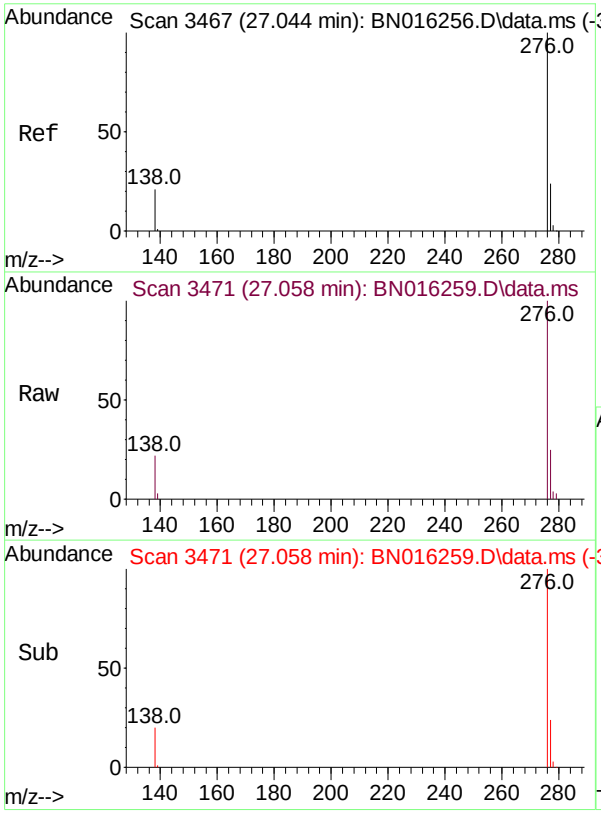


#40
Dibenzo(a,h)anthracene
Concen: 0.430 ng
RT: 26.315 min Scan# 3254
Delta R.T. 0.007 min
Lab File: BN016259.D
Acq: 09 Sep 2021 15:43

Tgt Ion:278 Resp: 19561

Ion	Ratio	Lower	Upper
278	100		
139	16.8	14.2	21.2
279	25.5	21.3	31.9

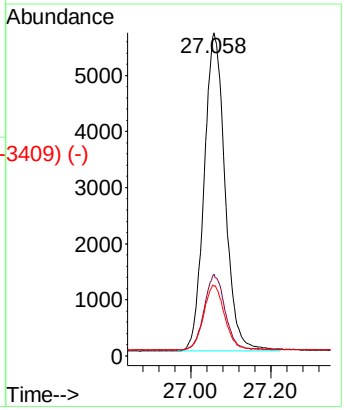




#42
Benzo(g,h,i)perylene
Concen: 0.416 ng
RT: 27.058 min Scan# 3471
Delta R.T. 0.014 min
Lab File: BN016259.D
Acq: 09 Sep 2021 15:43

Tgt Ion:276 Resp: 20544

Ion	Ratio	Lower	Upper
276	100		
277	25.4	20.5	30.7
138	21.6	18.2	27.4



Instrument :
BNA_N
ClientSampleId :
ICVBN090921