Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090921\
Data File : BN016286.D
Acq On : 10 Sep 2021 09:58
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4EC

Quant Time: Sep 10 11:03:53 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

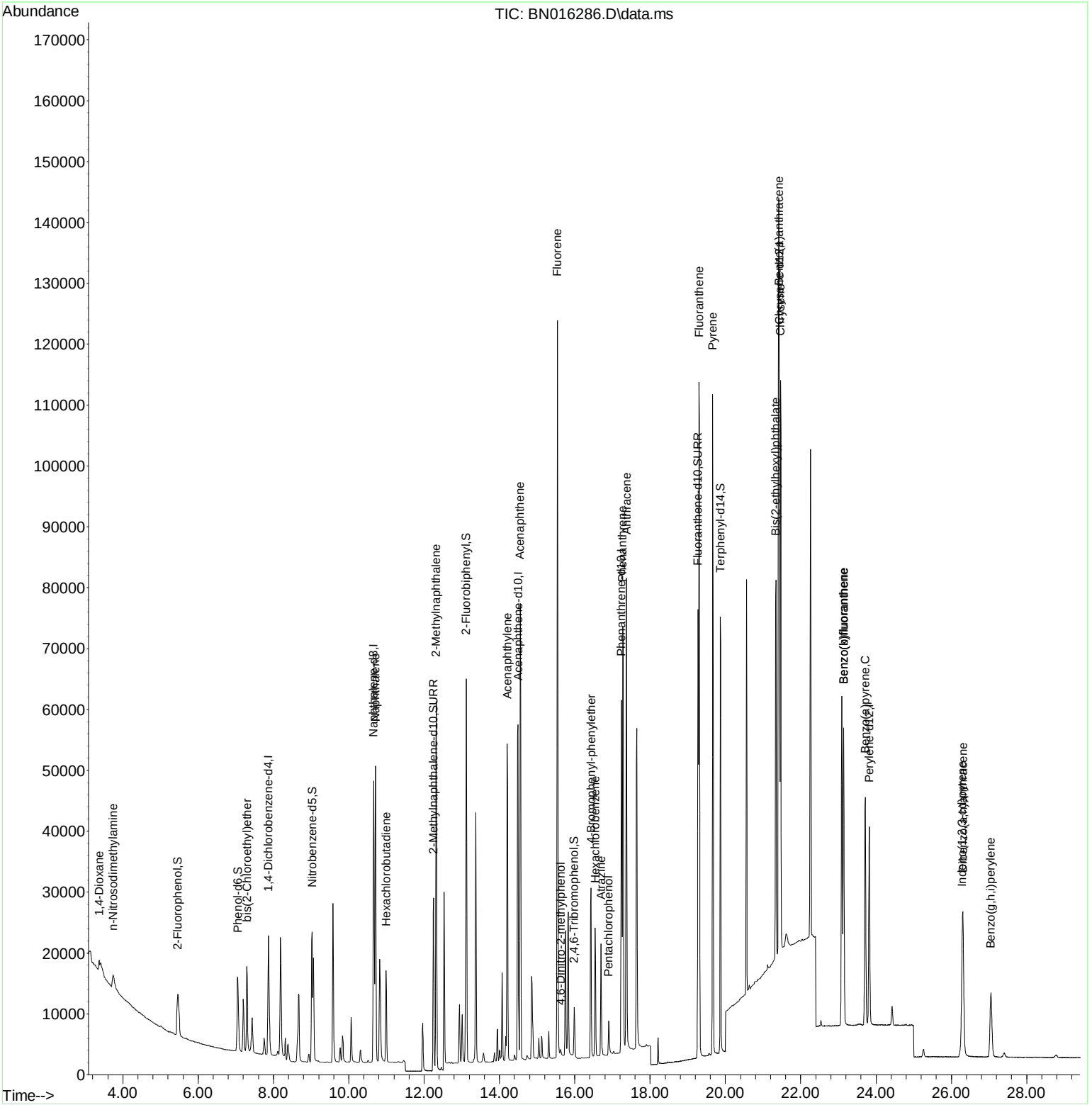
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.864	152	12954	0.400	ng		0.00
7) Naphthalene-d8	10.660	136	66728	0.400	ng		0.00
13) Acenaphthene-d10	14.497	164	38874	0.400	ng		0.00
19) Phenanthrene-d10	17.236	188	79727	0.400	ng		0.00
29) Chrysene-d12	21.429	240	71612	0.400	ng	#	0.00
35) Perylene-d12	23.820	264	46480	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.457	112	12963	0.392	ng		0.00
5) Phenol-d6	7.052	99	16377	0.396	ng		0.02
8) Nitrobenzene-d5	9.025	82	20179	0.376	ng		0.01
11) 2-Methylnaphthalene-d10	12.247	152	40542	0.389	ng		0.00
14) 2,4,6-Tribromophenol	15.981	330	6849	0.429	ng		0.00
15) 2-Fluorobiphenyl	13.114	172	57197	0.376	ng		0.00
27) Fluoranthene-d10	19.271	212	91321	0.390	ng		0.00
31) Terphenyl-d14	19.867	244	78355	0.436	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.373	88	1441	0.313	ng	#	84
3) n-Nitrosodimethylamine	3.742	42	3379	0.354	ng	#	98
6) bis(2-Chloroethyl)ether	7.292	93	13739	0.403	ng		99
9) Naphthalene	10.711	128	68815	0.386	ng		100
10) Hexachlorobutadiene	10.990	225	14041	0.386	ng	#	99
12) 2-Methylnaphthalene	12.318	142	47195	0.393	ng		99
16) Acenaphthylene	14.205	152	66989	0.385	ng		100
17) Acenaphthene	14.548	154	43066	0.381	ng		100
18) Fluorene	15.537	166	54692	0.391	ng		99
20) 4,6-Dinitro-2-methylph...	15.626	198	913	0.464	ng		92
21) 4-Bromophenyl-phenylether	16.433	248	16465	0.386	ng		98
22) Hexachlorobenzene	16.543	284	19216	0.376	ng		100
23) Atrazine	16.701	200	15221	0.388	ng		96
24) Pentachlorophenol	16.896	266	3703	0.568	ng		97
25) Phenanthrene	17.273	178	87909	0.380	ng		99
26) Anthracene	17.370	178	83999	0.394	ng		100
28) Fluoranthene	19.301	202	105004	0.386	ng		99
30) Pyrene	19.663	202	106875	0.440	ng		100
32) Benzo(a)anthracene	21.418	228	94648	0.424	ng		98
33) Chrysene	21.461	228	91308	0.413	ng		98
34) Bis(2-ethylhexyl)phtha...	21.344	149	66088	0.481	ng		100
36) Indeno(1,2,3-cd)pyrene	26.288	276	33220	0.429	ng		99
37) Benzo(b)fluoranthene	23.139	252	68255	0.380	ng		96
38) Benzo(k)fluoranthene	23.139	252	66939	0.419	ng	#	96
39) Benzo(a)pyrene	23.714	252	56223	0.421	ng	#	87
40) Dibenzo(a,h)anthracene	26.308	278	27515	0.465	ng	#	92
41) Benzo(g,h,i)perylene	27.048	276	26135	0.407	ng		95

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

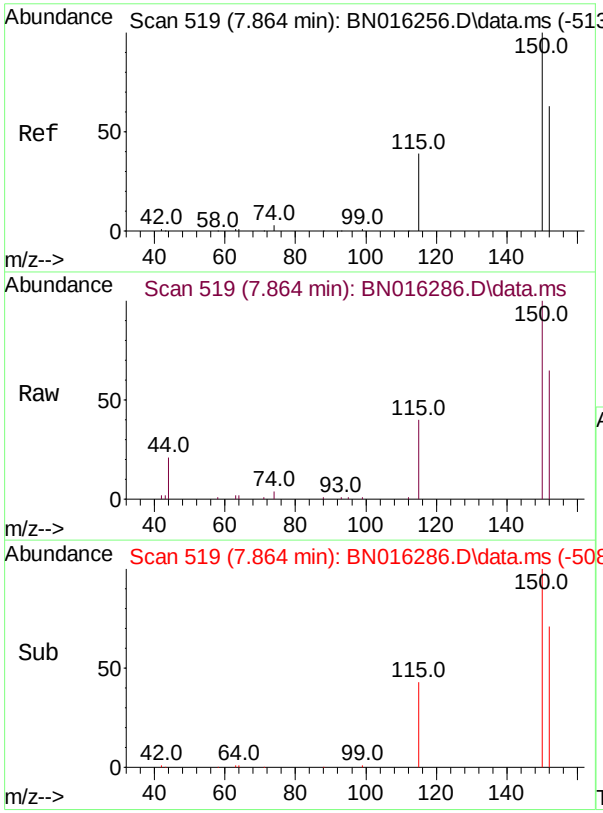
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090921\
Data File : BN016286.D
Acq On : 10 Sep 2021 09:58
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Sep 10 11:03:53 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



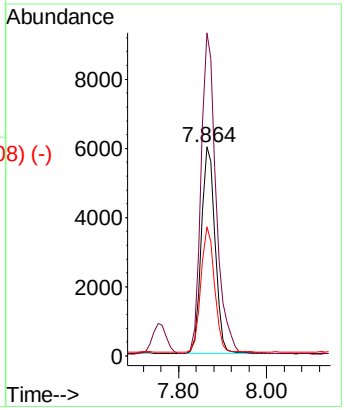
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

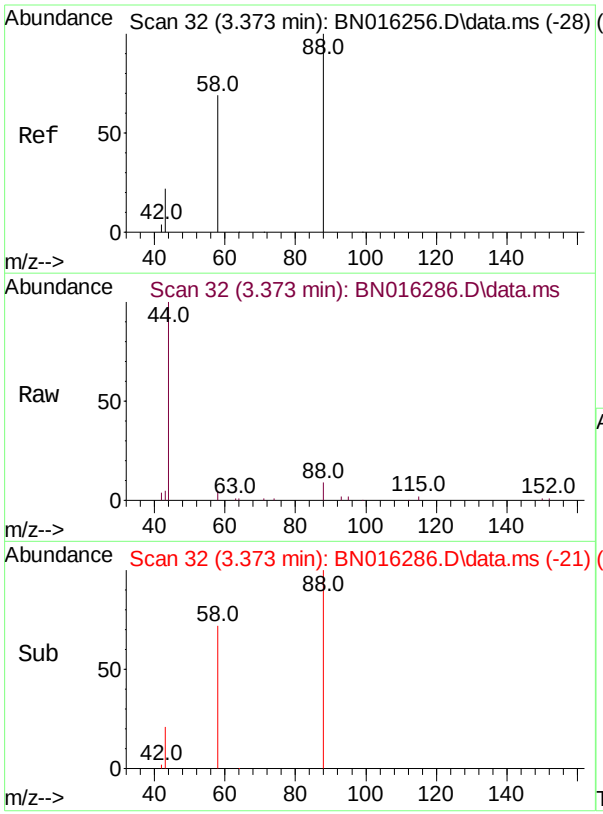


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.864 min Scan# 519
Delta R.T. -0.000 min
Lab File: BN016286.D
Acq: 10 Sep 2021 09:58

Tgt Ion:152 Resp: 12954

Ion	Ratio	Lower	Upper
152	100		
150	154.7	125.6	188.4
115	61.8	50.2	75.2

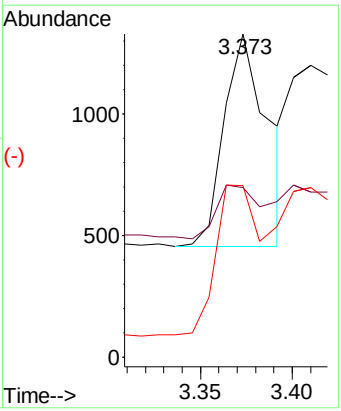




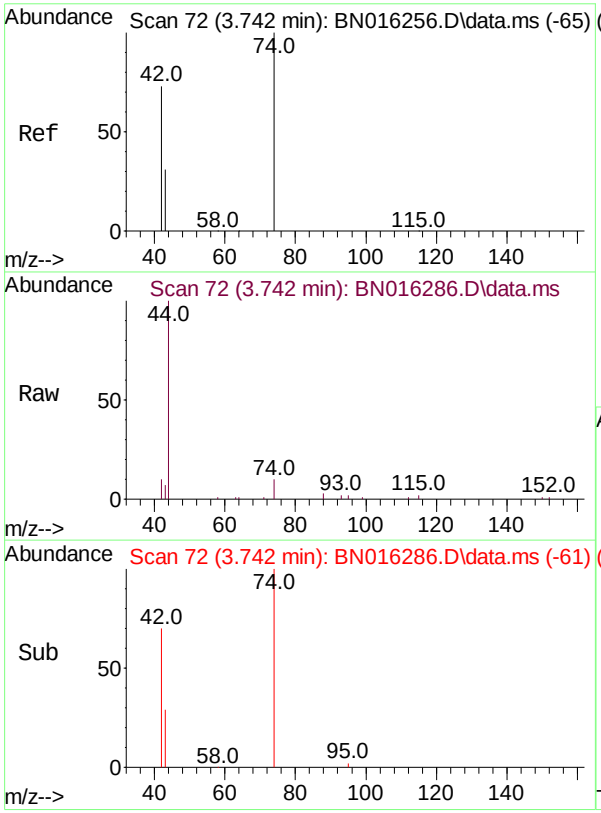
#2
1,4-Dioxane
Concen: 0.313 ng
RT: 3.373 min Scan# 32
Delta R.T. -0.000 min
Lab File: BN016286.D
Acq: 10 Sep 2021 09:58

Tgt Ion: 88 Resp: 1441

Ion	Ratio	Lower	Upper
88	100		
43	22.3	20.3	30.5
58	69.6	69.9	104.9#



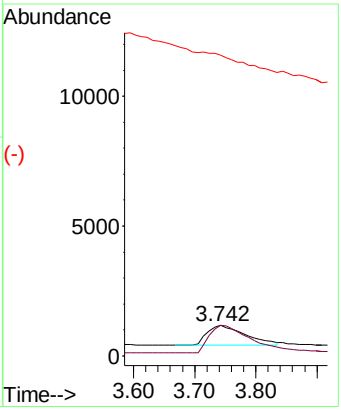
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

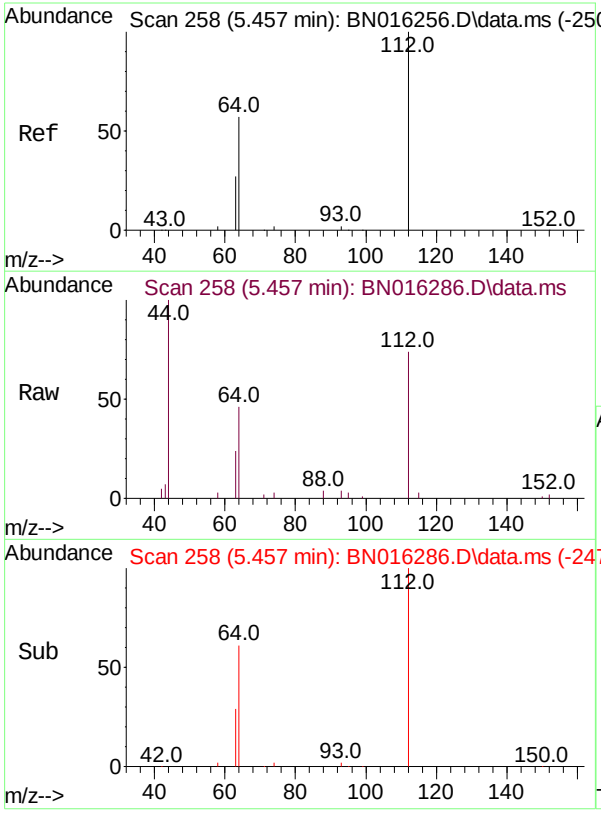


#3
n-Nitrosodimethylamine
Concen: 0.354 ng
RT: 3.742 min Scan# 72
Delta R.T. -0.000 min
Lab File: BN016286.D
Acq: 10 Sep 2021 09:58

Tgt Ion: 42 Resp: 3379

Ion	Ratio	Lower	Upper
42	100		
74	144.5	113.6	170.4
44	0.0	0.0	0.0

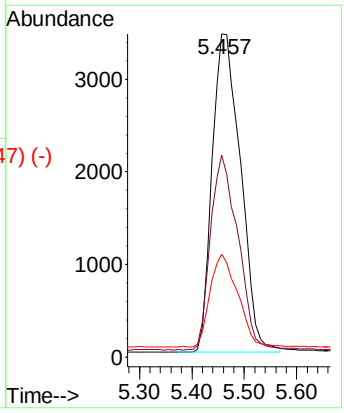




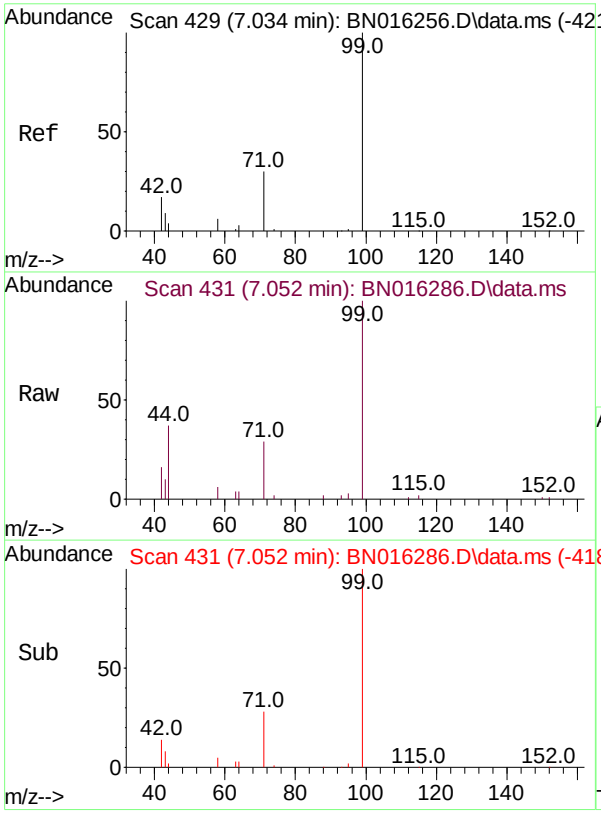
#4
2-Fluorophenol
Concen: 0.392 ng
RT: 5.457 min Scan# 258
Delta R.T. -0.000 min
Lab File: BN016286.D
Acq: 10 Sep 2021 09:58

Tgt Ion:112 Resp: 12963

Ion	Ratio	Lower	Upper
112	100		
64	59.0	47.3	70.9
63	28.4	23.4	35.0



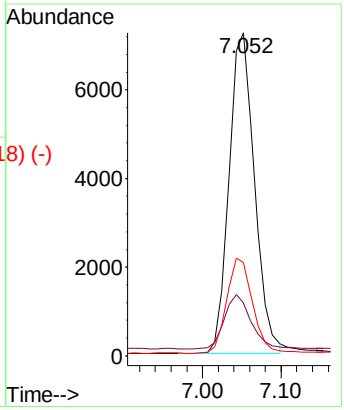
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

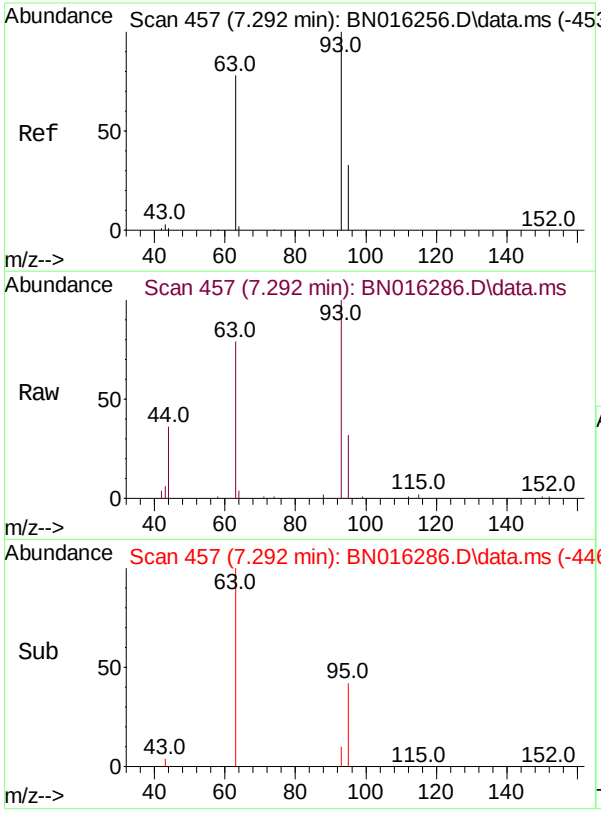


#5
Phenol-d6
Concen: 0.396 ng
RT: 7.052 min Scan# 431
Delta R.T. 0.018 min
Lab File: BN016286.D
Acq: 10 Sep 2021 09:58

Tgt Ion: 99 Resp: 16377

Ion	Ratio	Lower	Upper
99	100		
42	17.6	14.0	21.0
71	30.0	23.8	35.6

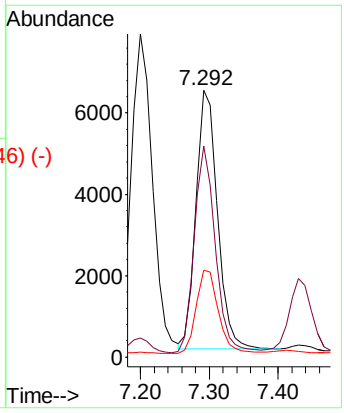




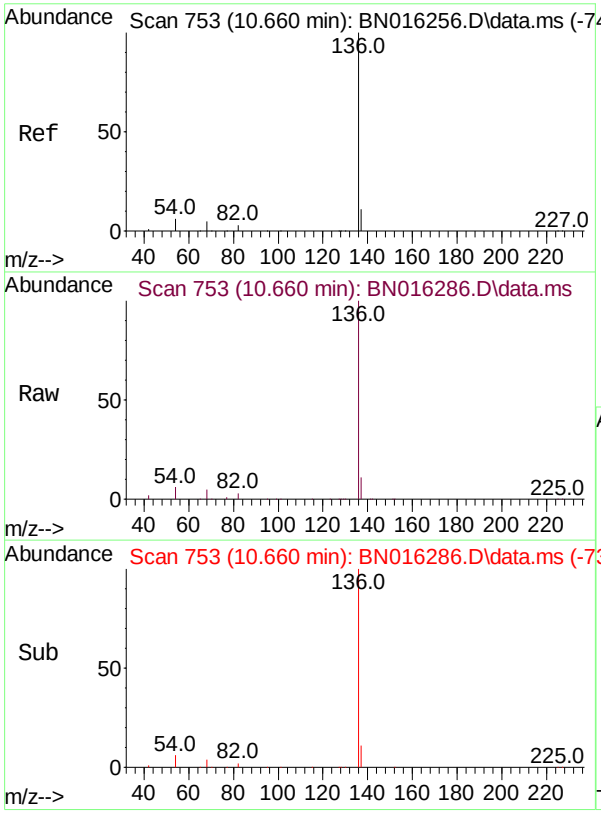
#6
bis(2-Chloroethyl)ether
Concen: 0.403 ng
RT: 7.292 min Scan# 457
Delta R.T. -0.000 min
Lab File: BN016286.D
Acq: 10 Sep 2021 09:58

Tgt Ion: 93 Resp: 13739

Ion	Ratio	Lower	Upper
93	100		
63	78.5	63.4	95.0
95	32.9	26.8	40.2



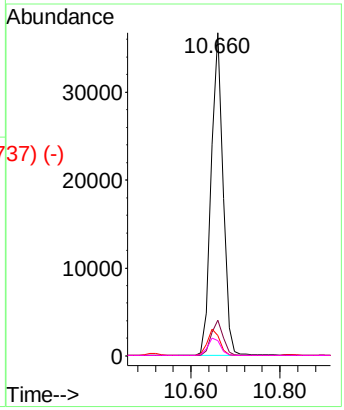
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

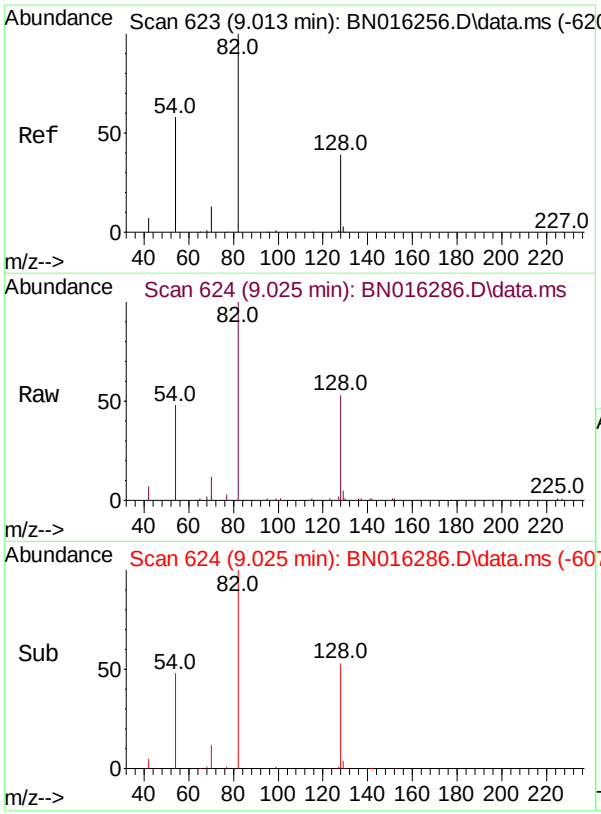


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.660 min Scan# 753
Delta R.T. -0.000 min
Lab File: BN016286.D
Acq: 10 Sep 2021 09:58

Tgt Ion:136 Resp: 66728

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	6.3	5.3	7.9
68	4.7	3.9	5.9

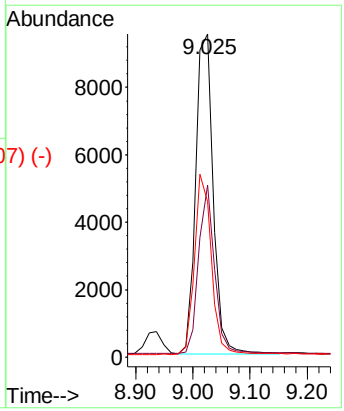




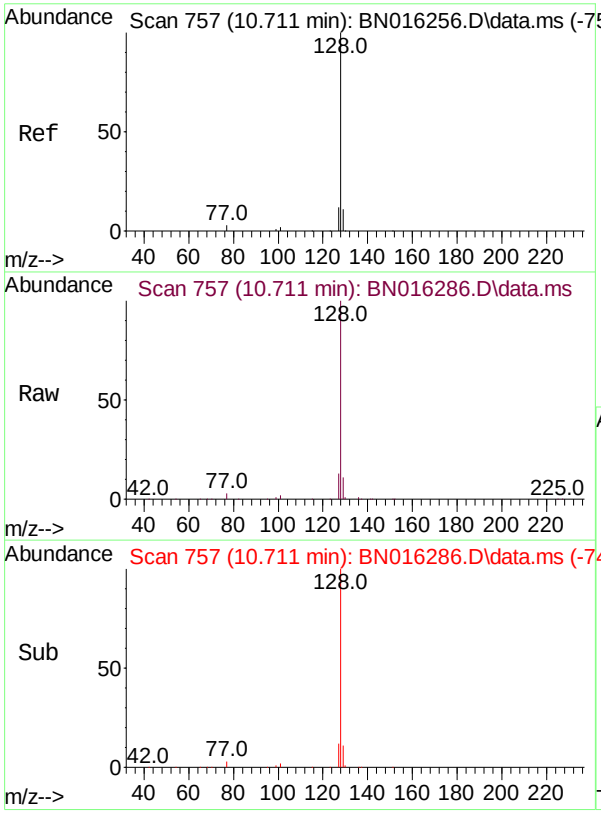
#8
Nitrobenzene-d5
Concen: 0.376 ng
RT: 9.025 min Scan# 624
Delta R.T. 0.013 min
Lab File: BN016286.D
Acq: 10 Sep 2021 09:58

Tgt Ion: 82 Resp: 20179

Ion	Ratio	Lower	Upper
82	100		
128	53.3	31.7	47.5#
54	48.1	46.4	69.6



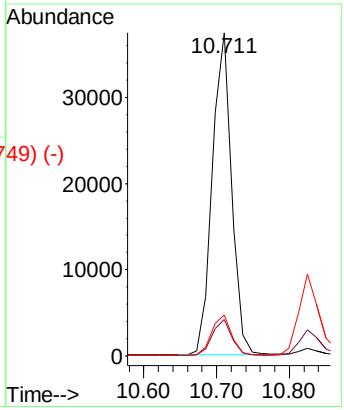
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

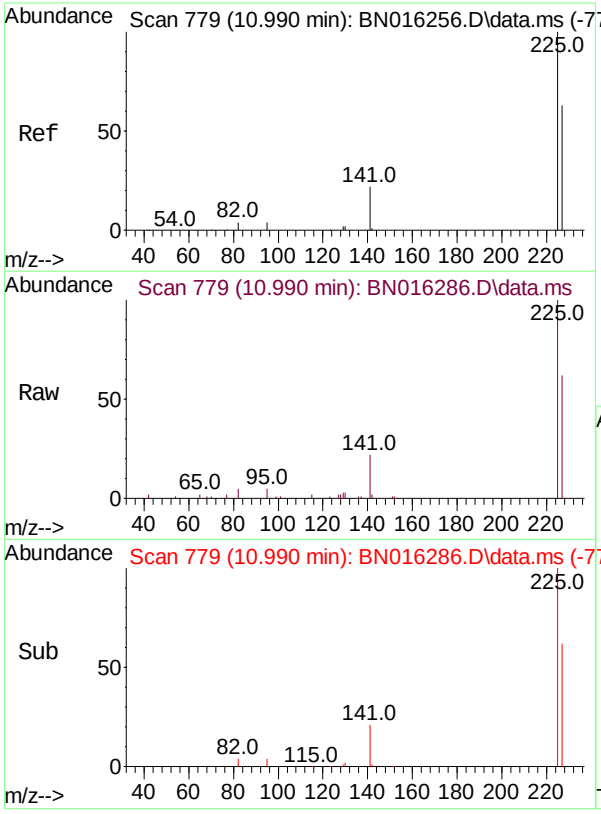


#9
Naphthalene
Concen: 0.386 ng
RT: 10.711 min Scan# 757
Delta R.T. -0.000 min
Lab File: BN016286.D
Acq: 10 Sep 2021 09:58

Tgt Ion:128 Resp: 68815

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.9	13.3
127	12.6	10.1	15.1

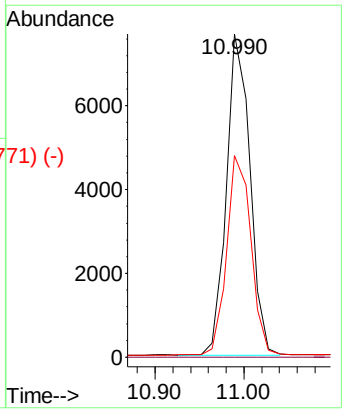


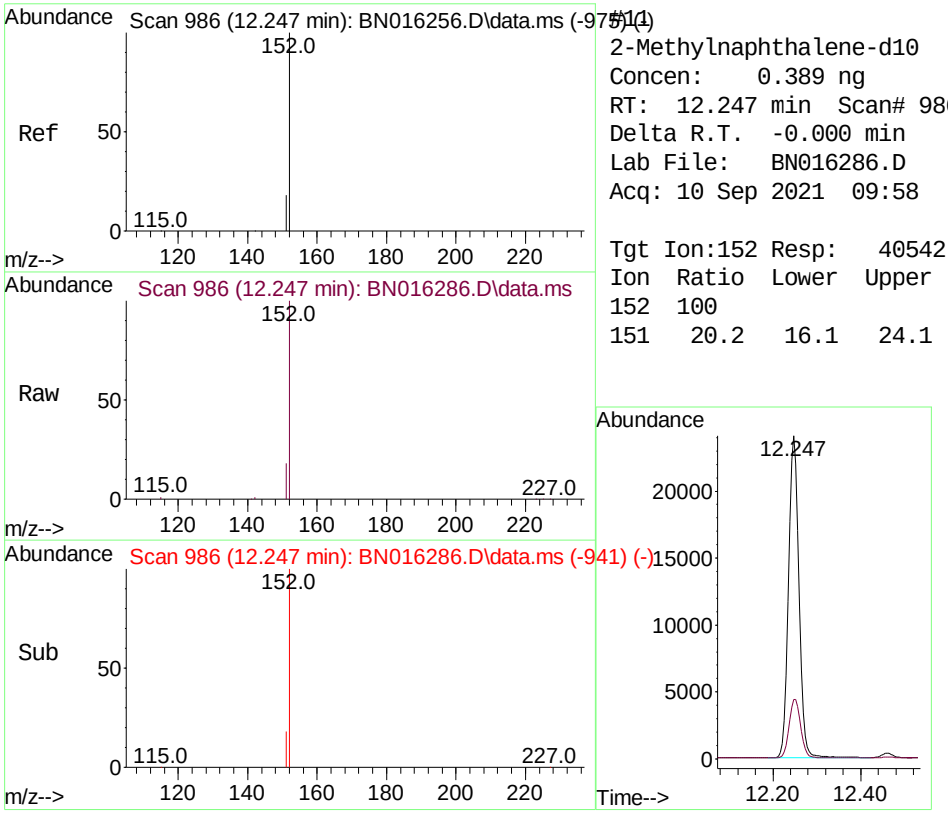


#10
Hexachlorobutadiene
Concen: 0.386 ng
RT: 10.990 min Scan# 779
Delta R.T. -0.000 min
Lab File: BN016286.D
Acq: 10 Sep 2021 09:58

Tgt Ion:225 Resp: 14041

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.7	51.5	77.3



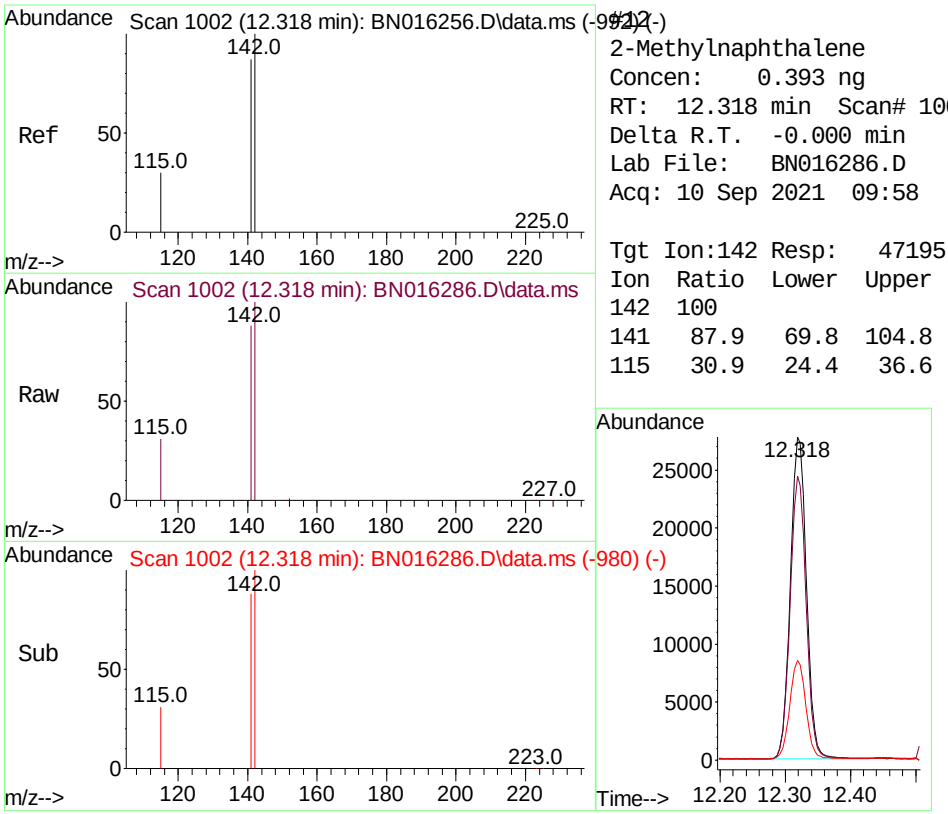


#11
2-Methylnaphthalene-d10
Concen: 0.389 ng
RT: 12.247 min Scan# 986
Delta R.T. -0.000 min
Lab File: BN016286.D
Acq: 10 Sep 2021 09:58

Tgt Ion:152 Resp: 40542

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.1	24.1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

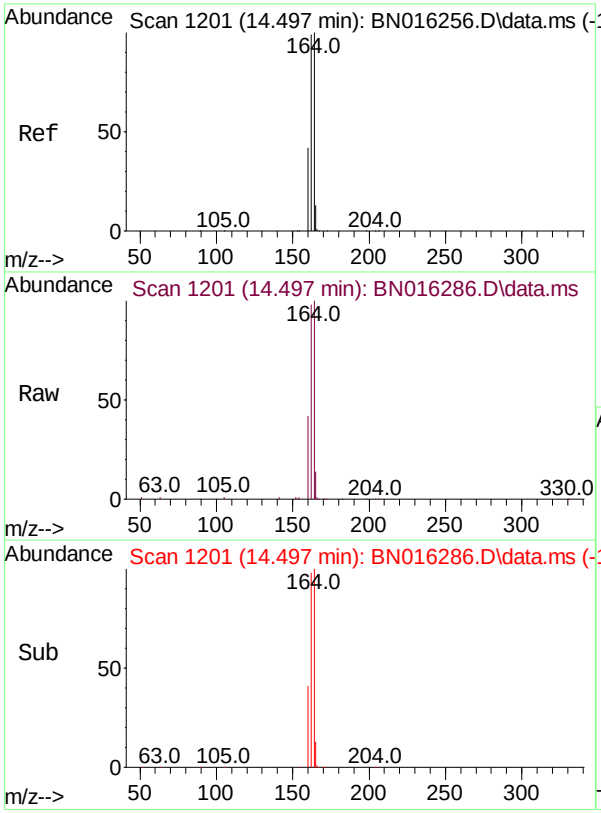


#12
2-Methylnaphthalene
Concen: 0.393 ng
RT: 12.318 min Scan# 1002
Delta R.T. -0.000 min
Lab File: BN016286.D
Acq: 10 Sep 2021 09:58

Tgt Ion:142 Resp: 47195

Ion	Ratio	Lower	Upper
142	100		
141	87.9	69.8	104.8
115	30.9	24.4	36.6

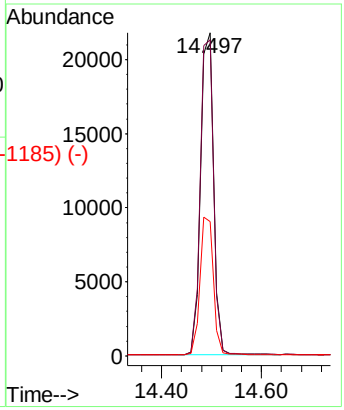
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

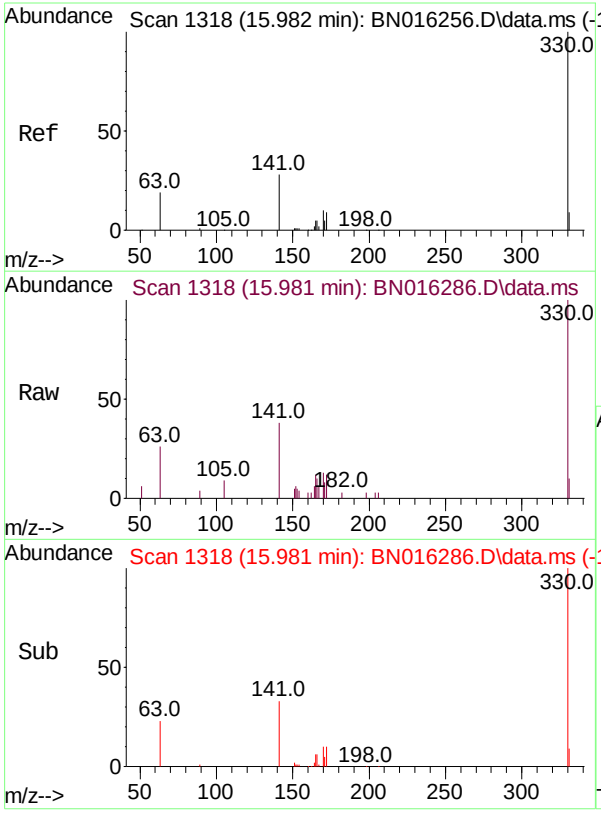


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.497 min Scan# 1201
Delta R.T. -0.000 min
Lab File: BN016286.D
Acq: 10 Sep 2021 09:58

Tgt Ion:164 Resp: 38874

Ion	Ratio	Lower	Upper
164	100		
162	97.9	79.0	118.4
160	41.6	34.1	51.1

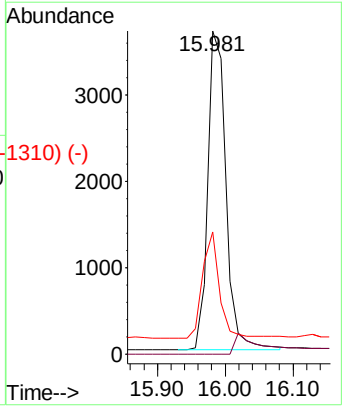




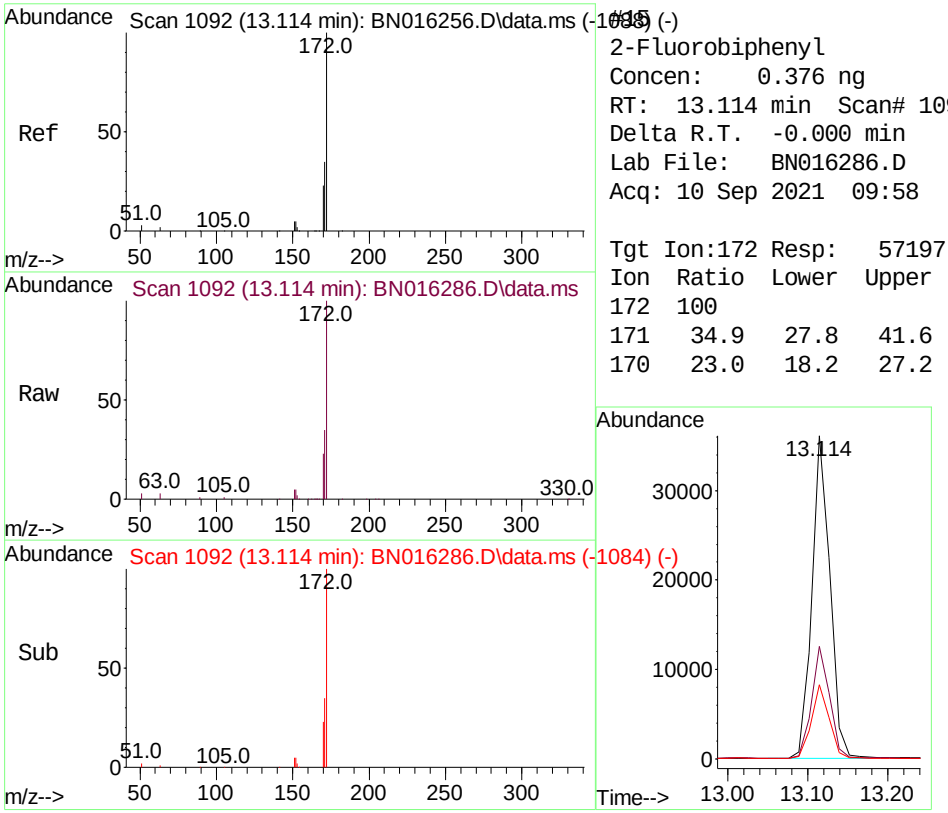
#14
2,4,6-Tribromophenol
Concen: 0.429 ng
RT: 15.981 min Scan# 1318
Delta R.T. -0.000 min
Lab File: BN016286.D
Acq: 10 Sep 2021 09:58

Tgt Ion:330 Resp: 6849

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	31.0	25.0	37.4



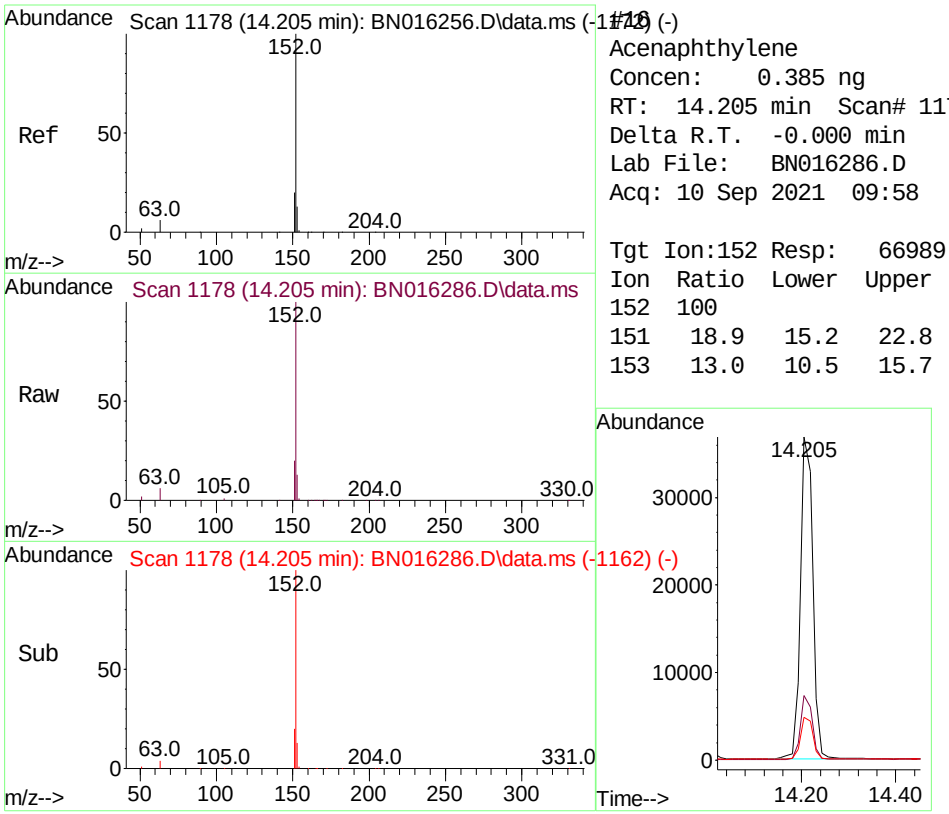
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC



#15
2-Fluorobiphenyl
Concen: 0.376 ng
RT: 13.114 min Scan# 1092
Delta R.T. -0.000 min
Lab File: BN016286.D
Acq: 10 Sep 2021 09:58

Tgt Ion:172 Resp: 57197

Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.8	41.6
170	23.0	18.2	27.2

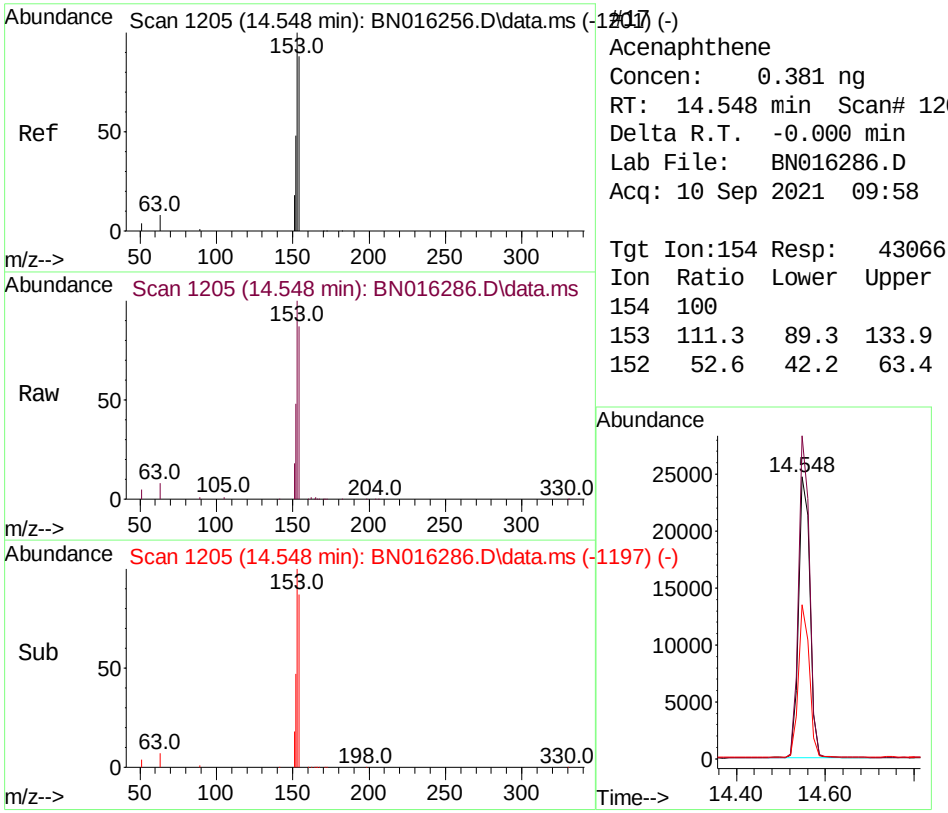


#16
Acenaphthylene
Concen: 0.385 ng
RT: 14.205 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BN016286.D
Acq: 10 Sep 2021 09:58

Tgt Ion:152 Resp: 66989

Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.2	22.8
153	13.0	10.5	15.7

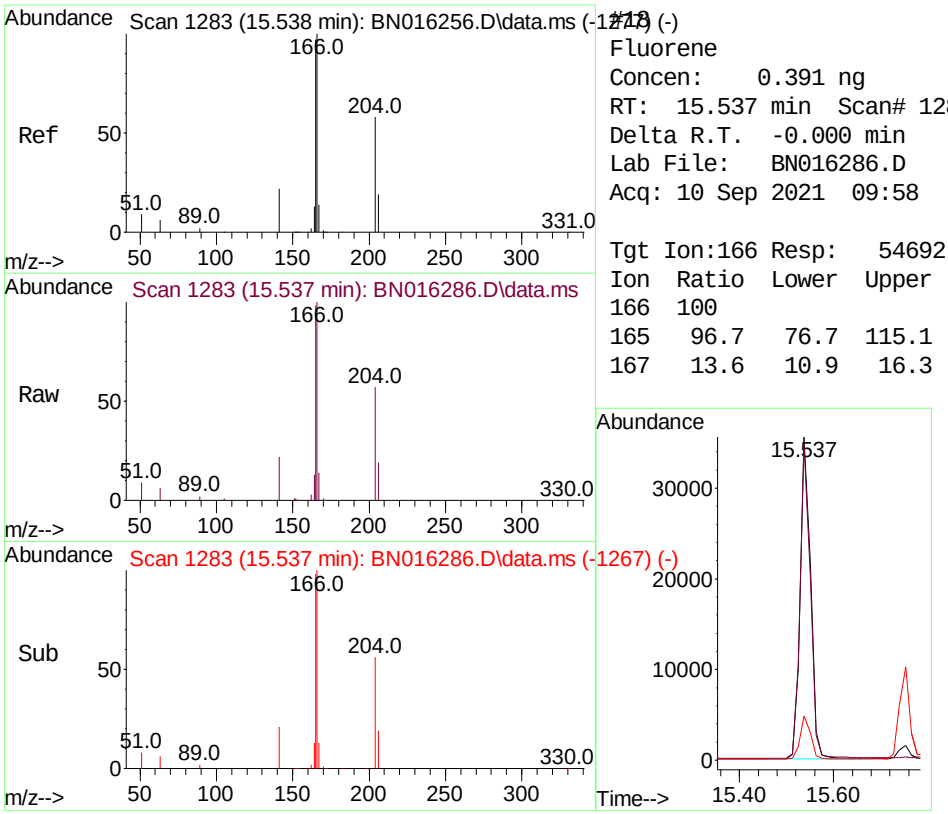
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC



#17
Acenaphthene
Concen: 0.381 ng
RT: 14.548 min Scan# 1205
Delta R.T. -0.000 min
Lab File: BN016286.D
Acq: 10 Sep 2021 09:58

Tgt Ion:154 Resp: 43066

Ion	Ratio	Lower	Upper
154	100		
153	111.3	89.3	133.9
152	52.6	42.2	63.4

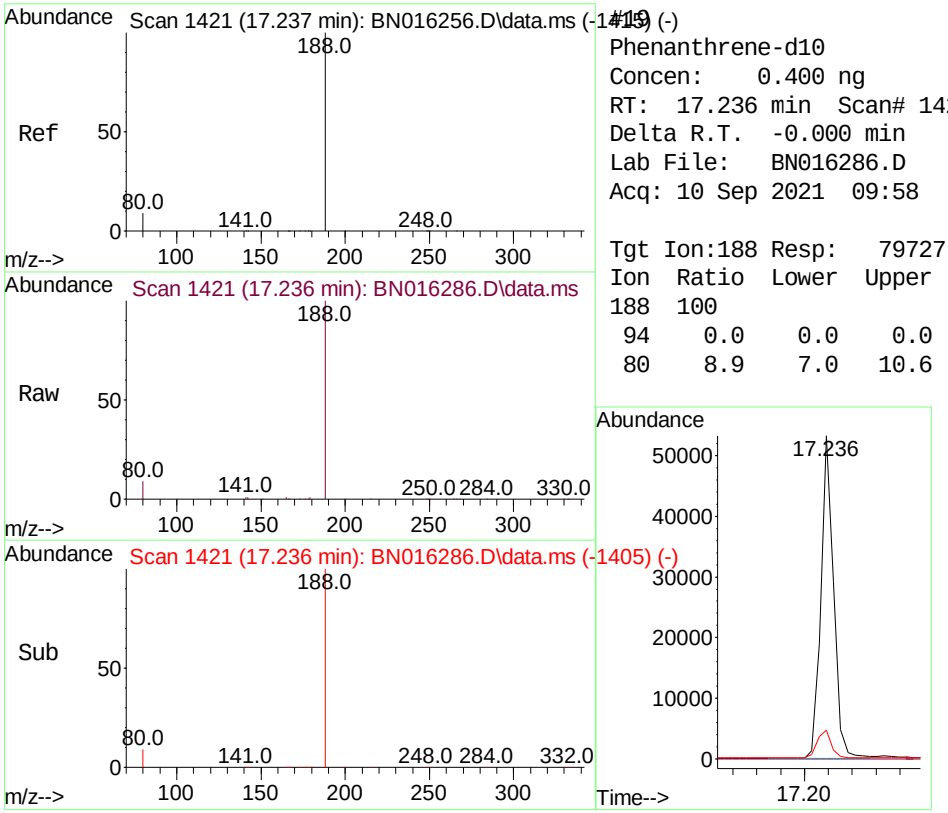


#18
Fluorene
Concen: 0.391 ng
RT: 15.537 min Scan# 1283
Delta R.T. -0.000 min
Lab File: BN016286.D
Acq: 10 Sep 2021 09:58

Tgt Ion:166 Resp: 54692

Ion	Ratio	Lower	Upper
166	100		
165	96.7	76.7	115.1
167	13.6	10.9	16.3

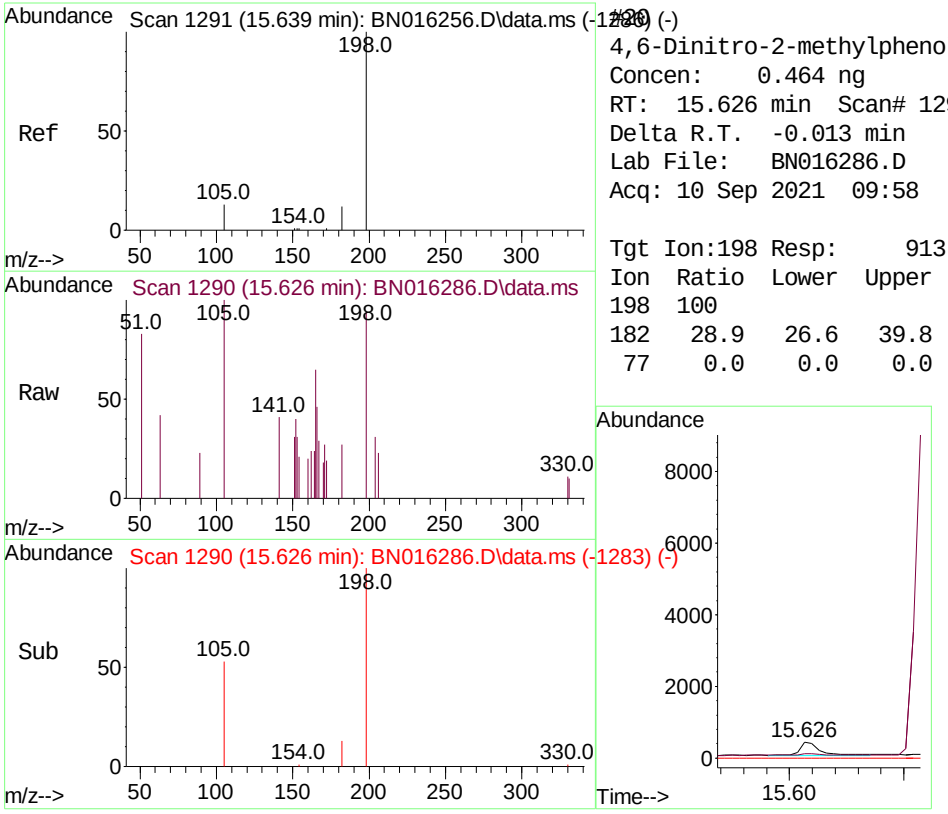
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.236 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BN016286.D
Acq: 10 Sep 2021 09:58

Tgt Ion:188 Resp: 79727

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.9	7.0	10.6

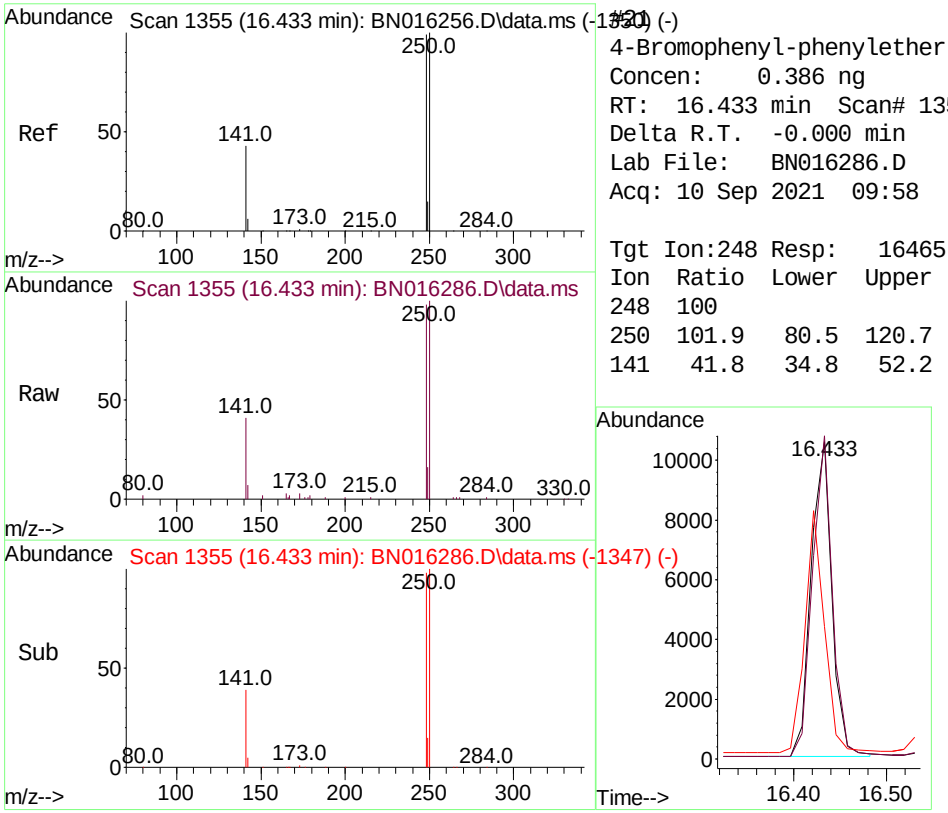


#20
4,6-Dinitro-2-methylphenol
Concen: 0.464 ng
RT: 15.626 min Scan# 1290
Delta R.T. -0.013 min
Lab File: BN016286.D
Acq: 10 Sep 2021 09:58

Tgt Ion:198 Resp: 913

Ion	Ratio	Lower	Upper
198	100		
182	28.9	26.6	39.8
77	0.0	0.0	0.0

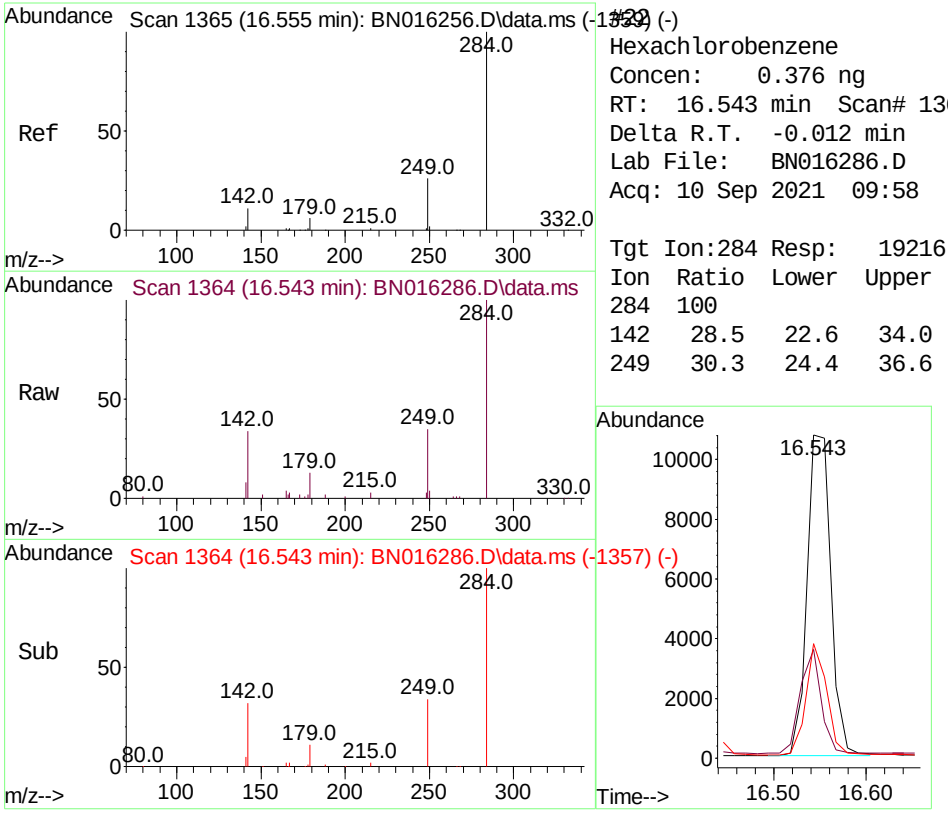
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC



#21
4-Bromophenyl-phenylether
Concen: 0.386 ng
RT: 16.433 min Scan# 1355
Delta R.T. -0.000 min
Lab File: BN016286.D
Acq: 10 Sep 2021 09:58

Tgt Ion:248 Resp: 16465

Ion	Ratio	Lower	Upper
248	100		
250	101.9	80.5	120.7
141	41.8	34.8	52.2

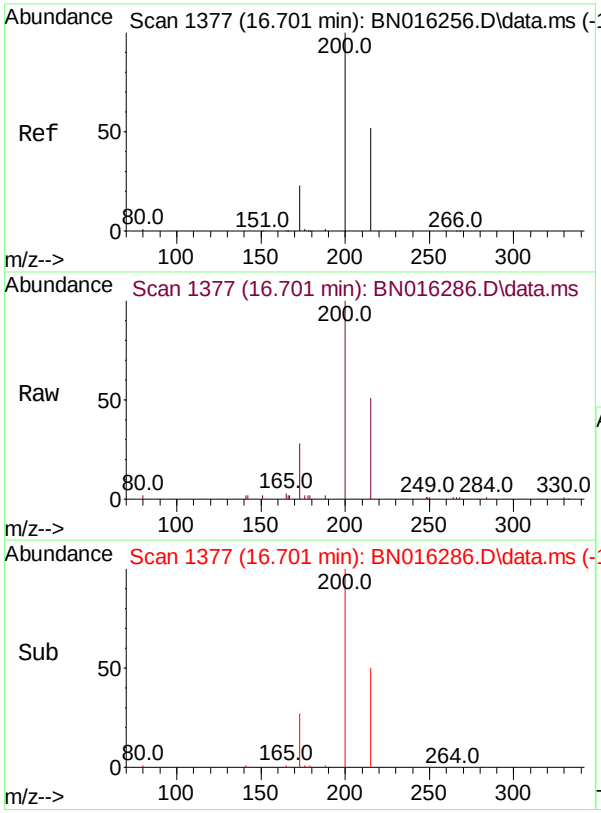


#22
Hexachlorobenzene
Concen: 0.376 ng
RT: 16.543 min Scan# 1364
Delta R.T. -0.012 min
Lab File: BN016286.D
Acq: 10 Sep 2021 09:58

Tgt Ion:284 Resp: 19216

Ion	Ratio	Lower	Upper
284	100		
142	28.5	22.6	34.0
249	30.3	24.4	36.6

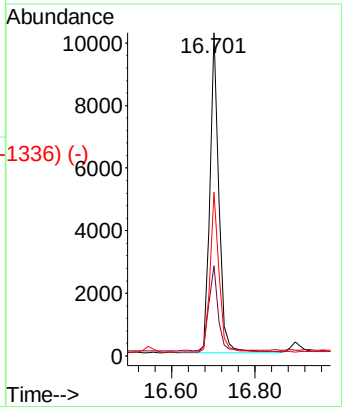
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

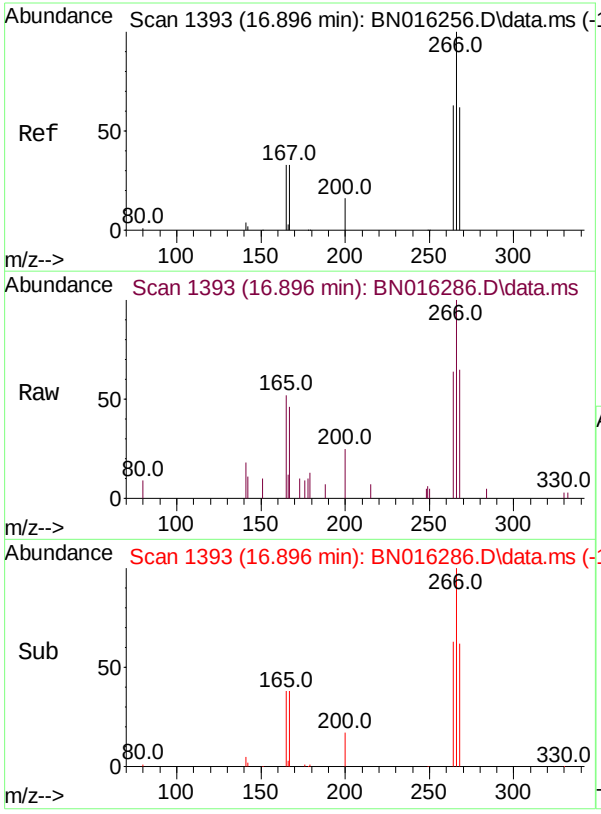


#20
Atrazine
Concen: 0.388 ng
RT: 16.701 min Scan# 1377
Delta R.T. -0.000 min
Lab File: BN016286.D
Acq: 10 Sep 2021 09:58

Tgt Ion:200 Resp: 15221

Ion	Ratio	Lower	Upper
200	100		
173	27.9	18.7	28.1
215	50.7	41.6	62.4

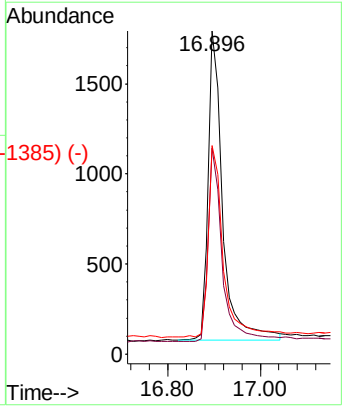




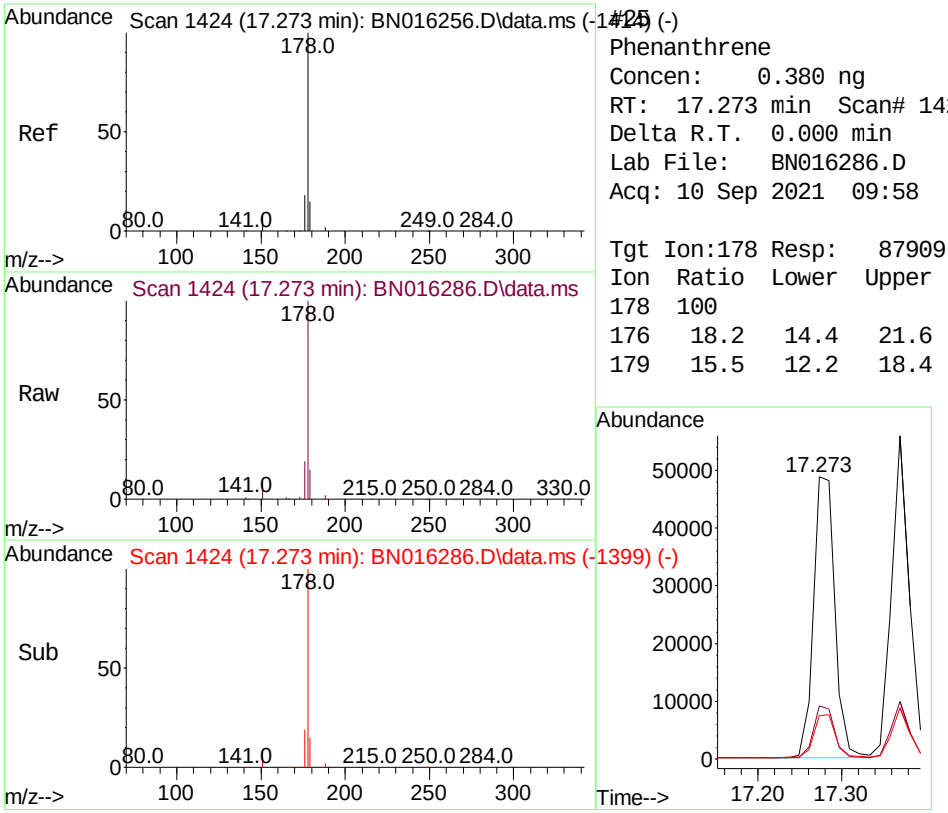
#24
Pentachlorophenol
Concen: 0.568 ng
RT: 16.896 min Scan# 1393
Delta R.T. -0.000 min
Lab File: BN016286.D
Acq: 10 Sep 2021 09:58

Tgt Ion:266 Resp: 3703

Ion	Ratio	Lower	Upper
266	100		
264	61.4	50.6	75.8
268	63.6	52.6	79.0



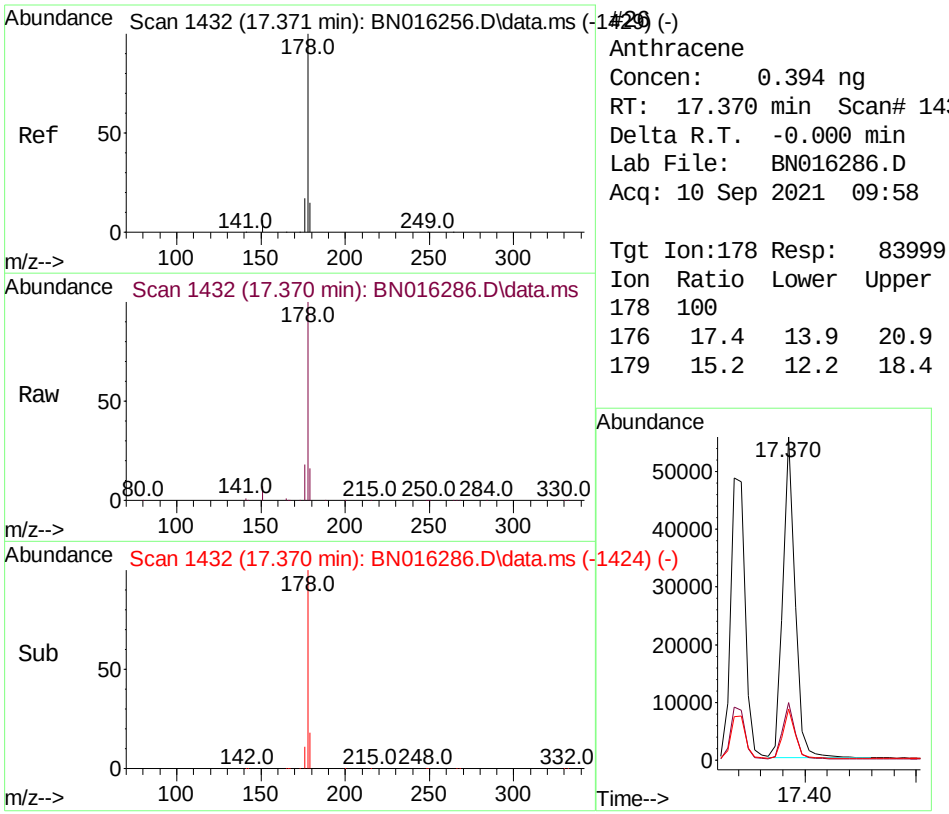
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC



#25
Phenanthrene
Concen: 0.380 ng
RT: 17.273 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BN016286.D
Acq: 10 Sep 2021 09:58

Tgt Ion:178 Resp: 87909

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.4	21.6
179	15.5	12.2	18.4

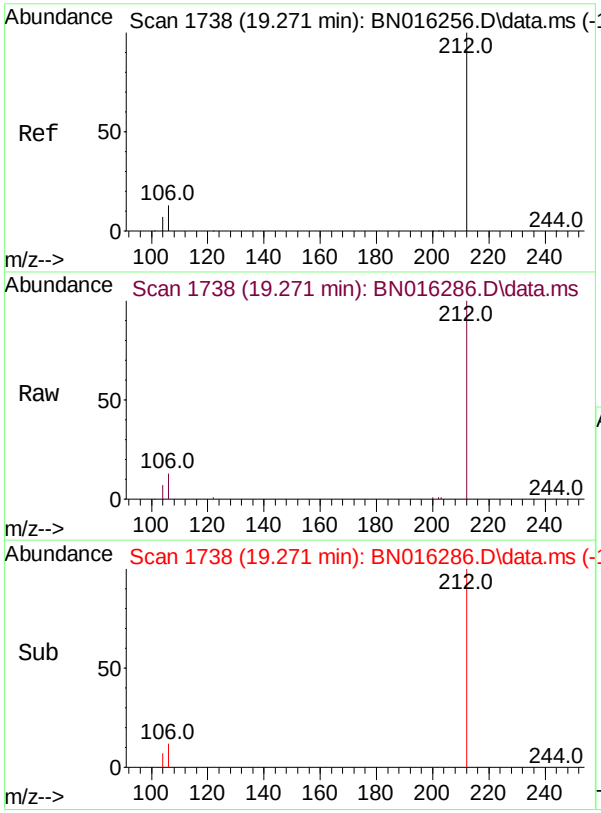


#26
Anthracene
Concen: 0.394 ng
RT: 17.370 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BN016286.D
Acq: 10 Sep 2021 09:58

Tgt Ion:178 Resp: 83999

Ion	Ratio	Lower	Upper
178	100		
176	17.4	13.9	20.9
179	15.2	12.2	18.4

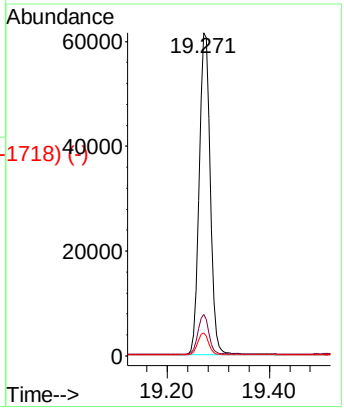
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

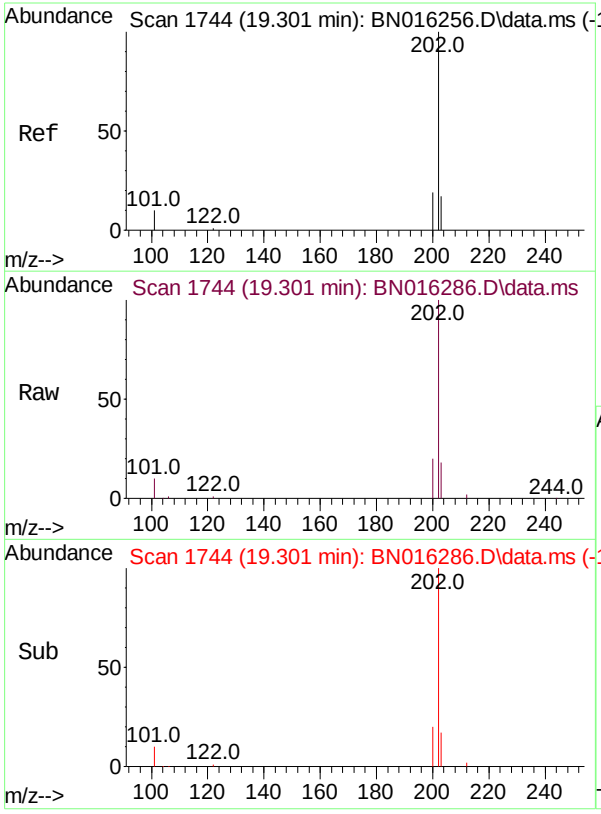


#27
Fluoranthene-d10
Concen: 0.390 ng
RT: 19.271 min Scan# 1738
Delta R.T. -0.000 min
Lab File: BN016286.D
Acq: 10 Sep 2021 09:58

Tgt Ion:212 Resp: 91321

Ion	Ratio	Lower	Upper
212	100		
106	12.0	9.8	14.6
104	6.7	5.4	8.2

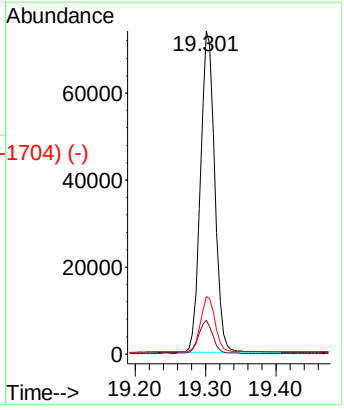




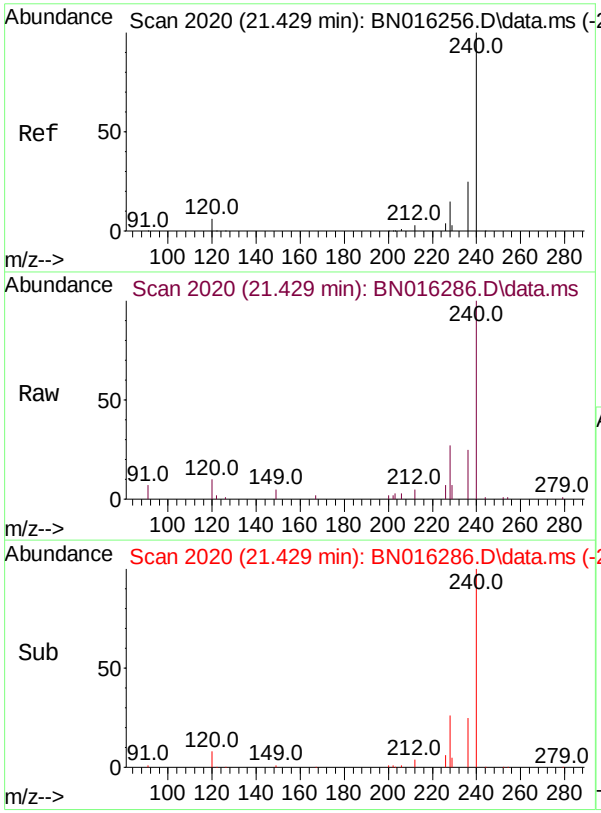
#28
Fluoranthene
Concen: 0.386 ng
RT: 19.301 min Scan# 1744
Delta R.T. 0.000 min
Lab File: BN016286.D
Acq: 10 Sep 2021 09:58

Tgt Ion:202 Resp: 105004

Ion	Ratio	Lower	Upper
202	100		
101	10.1	8.5	12.7
203	17.3	13.8	20.8



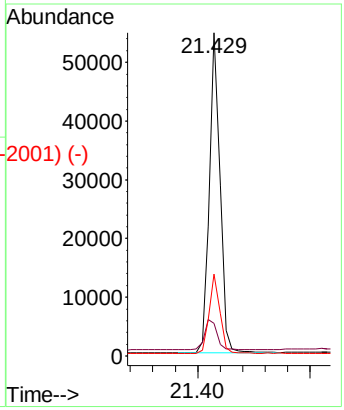
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

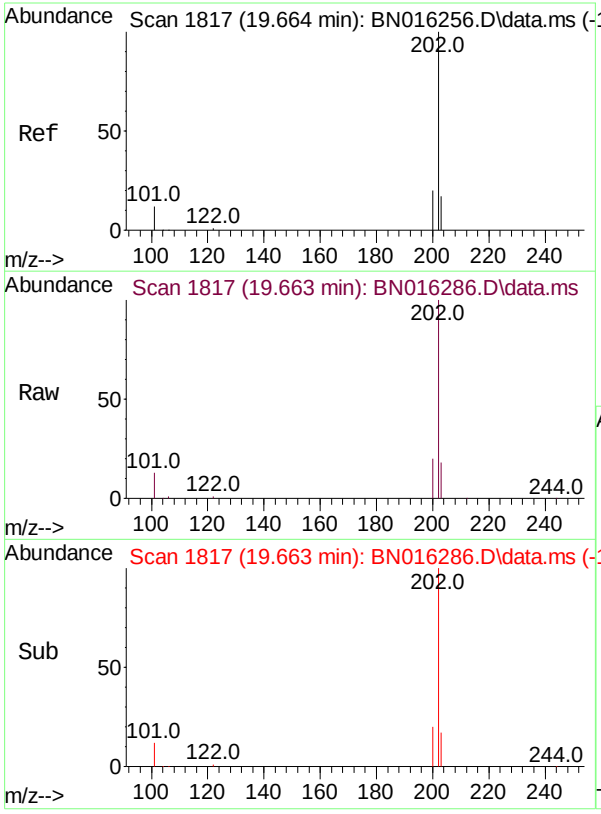


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.429 min Scan# 2020
Delta R.T. -0.000 min
Lab File: BN016286.D
Acq: 10 Sep 2021 09:58

Tgt Ion:240 Resp: 71612

Ion	Ratio	Lower	Upper
240	100		
120	10.0	5.3	7.9#
236	25.4	19.8	29.8

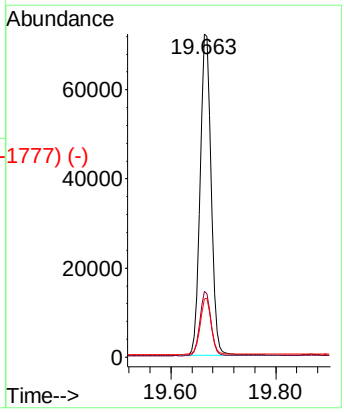




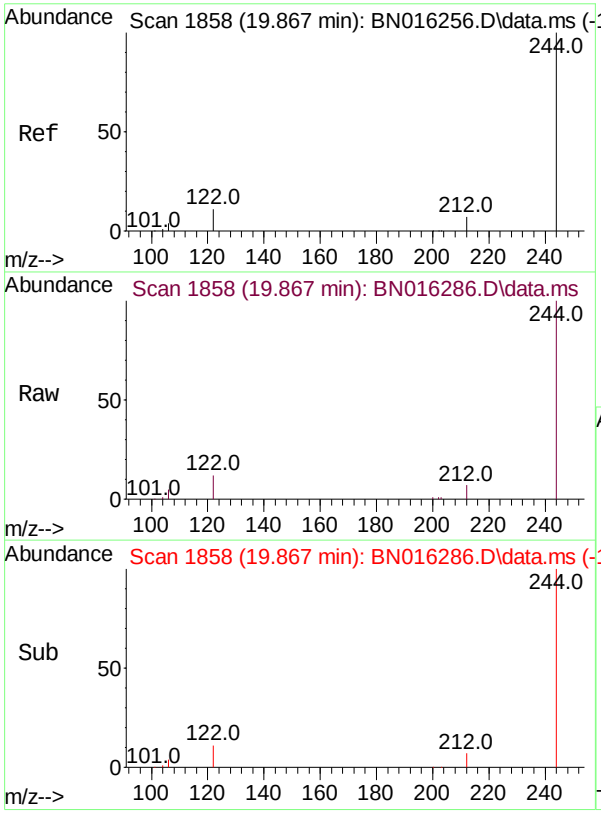
#30
Pyrene
Concen: 0.440 ng
RT: 19.663 min Scan# 1817
Delta R.T. -0.000 min
Lab File: BN016286.D
Acq: 10 Sep 2021 09:58

Tgt Ion:202 Resp: 106875

Ion	Ratio	Lower	Upper
202	100		
200	19.8	15.8	23.6
203	17.7	13.9	20.9



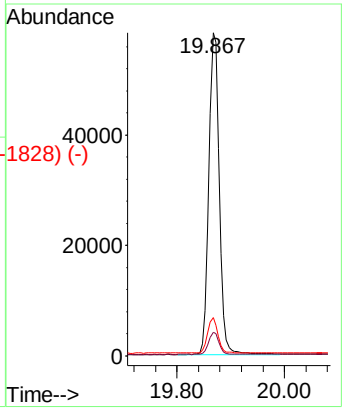
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

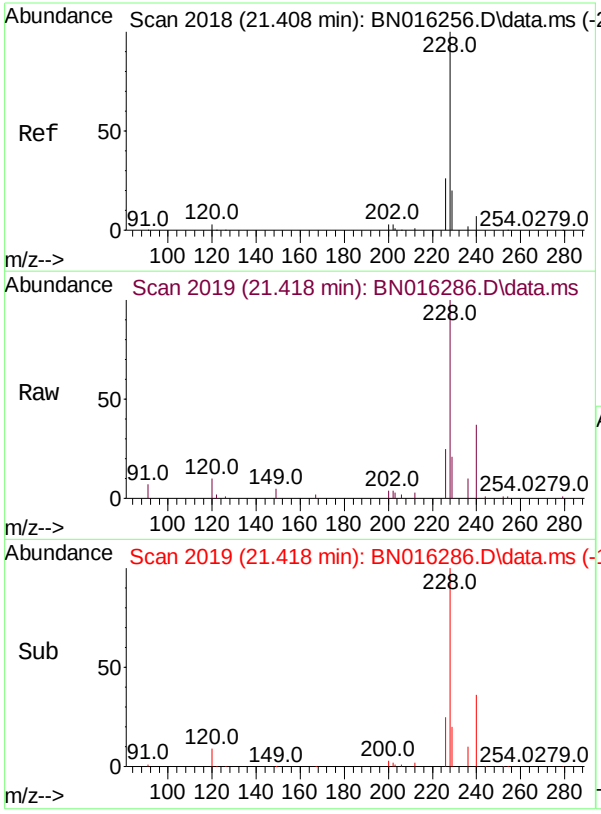


#31
Terphenyl-d14
Concen: 0.436 ng
RT: 19.867 min Scan# 1858
Delta R.T. -0.000 min
Lab File: BN016286.D
Acq: 10 Sep 2021 09:58

Tgt Ion:244 Resp: 78355

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.5	8.3
122	11.9	9.0	13.4

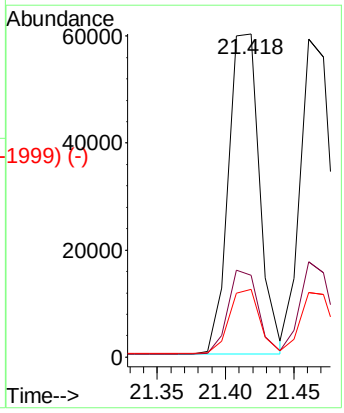




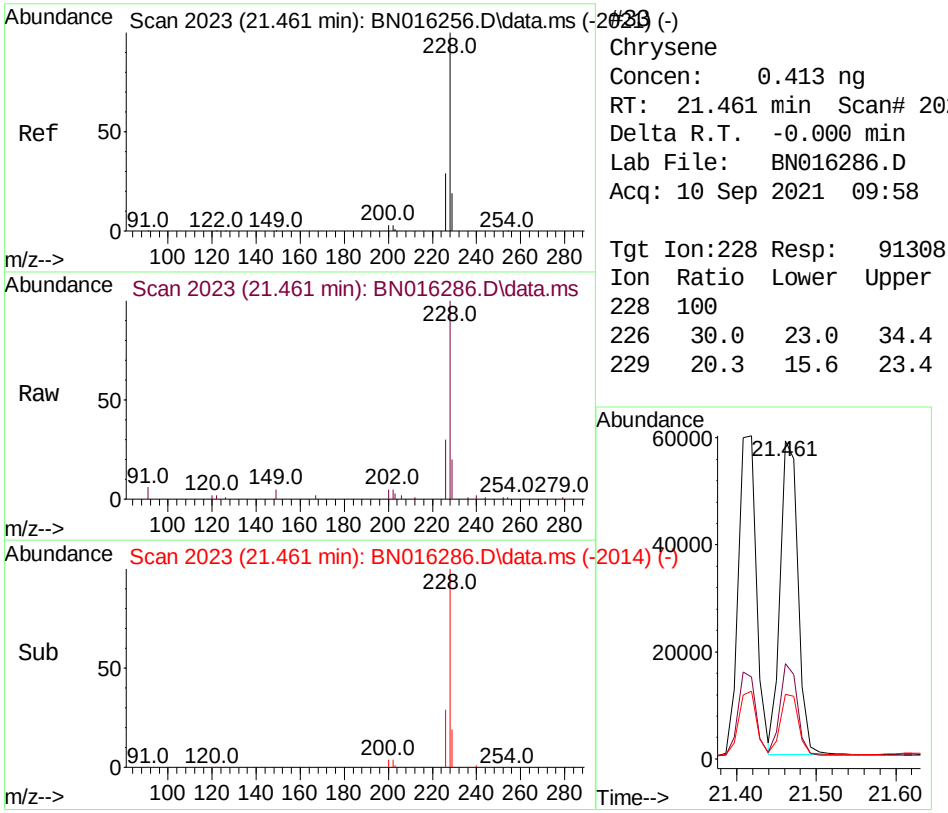
#32
Benzo(a)anthracene
Concen: 0.424 ng
RT: 21.418 min Scan# 2019
Delta R.T. 0.010 min
Lab File: BN016286.D
Acq: 10 Sep 2021 09:58

Tgt Ion:228 Resp: 94648

Ion	Ratio	Lower	Upper
228	100		
226	25.3	20.8	31.2
229	21.0	15.8	23.6



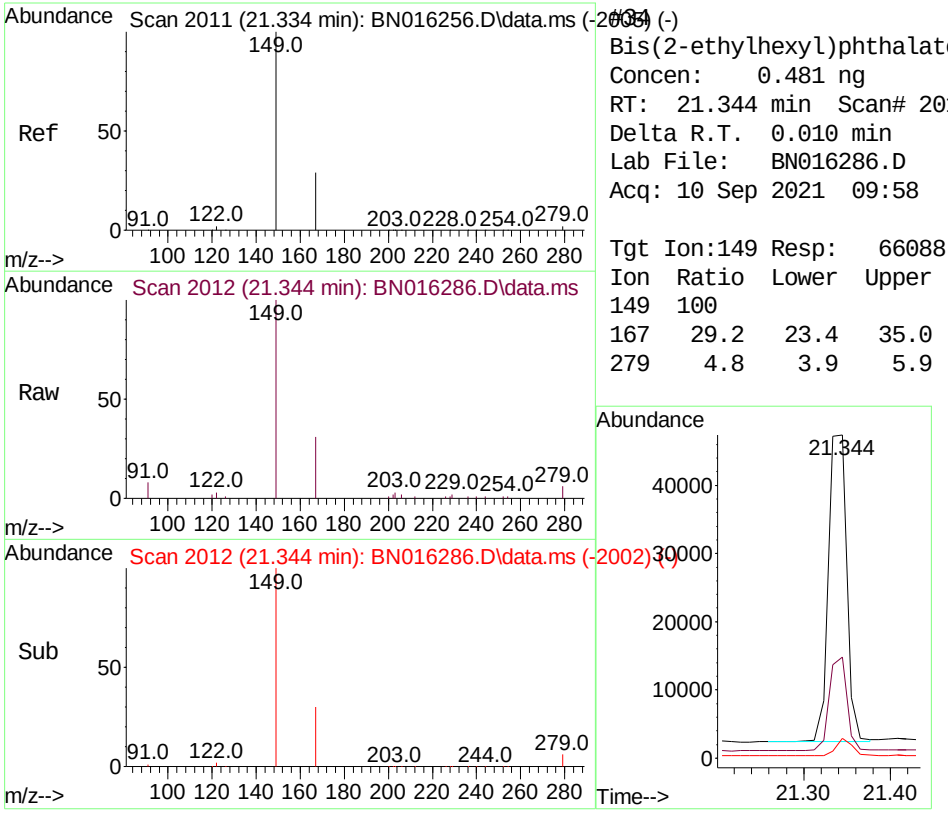
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC



#30
Chrysene
Concen: 0.413 ng
RT: 21.461 min Scan# 2023
Delta R.T. -0.000 min
Lab File: BN016286.D
Acq: 10 Sep 2021 09:58

Tgt Ion:228 Resp: 91308

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.0	34.4
229	20.3	15.6	23.4

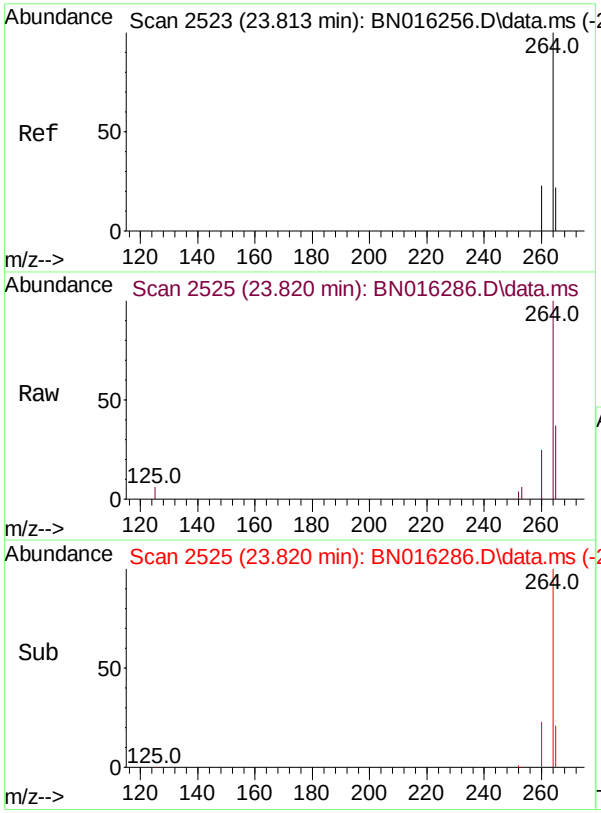


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.481 ng
RT: 21.344 min Scan# 2012
Delta R.T. 0.010 min
Lab File: BN016286.D
Acq: 10 Sep 2021 09:58

Tgt Ion:149 Resp: 66088

Ion	Ratio	Lower	Upper
149	100		
167	29.2	23.4	35.0
279	4.8	3.9	5.9

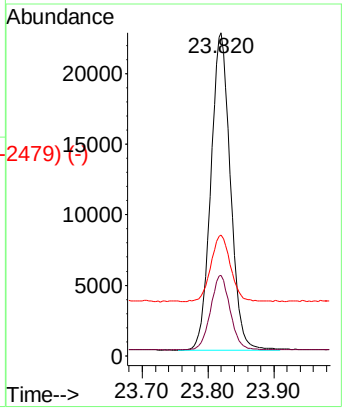
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

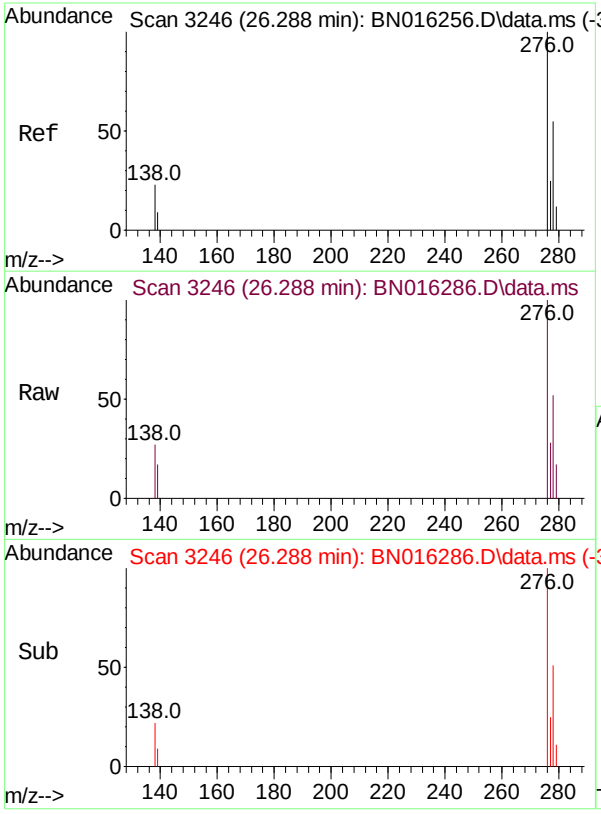


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.820 min Scan# 2525
Delta R.T. 0.007 min
Lab File: BN016286.D
Acq: 10 Sep 2021 09:58

Tgt Ion:264 Resp: 46480

Ion	Ratio	Lower	Upper
264	100		
260	24.9	18.9	28.3
265	37.4	23.7	35.5#

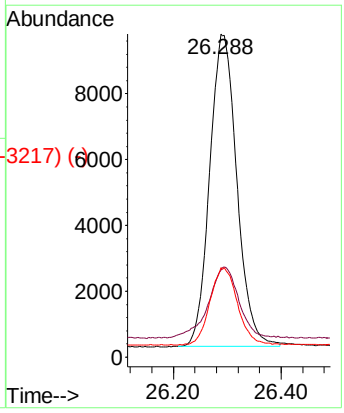




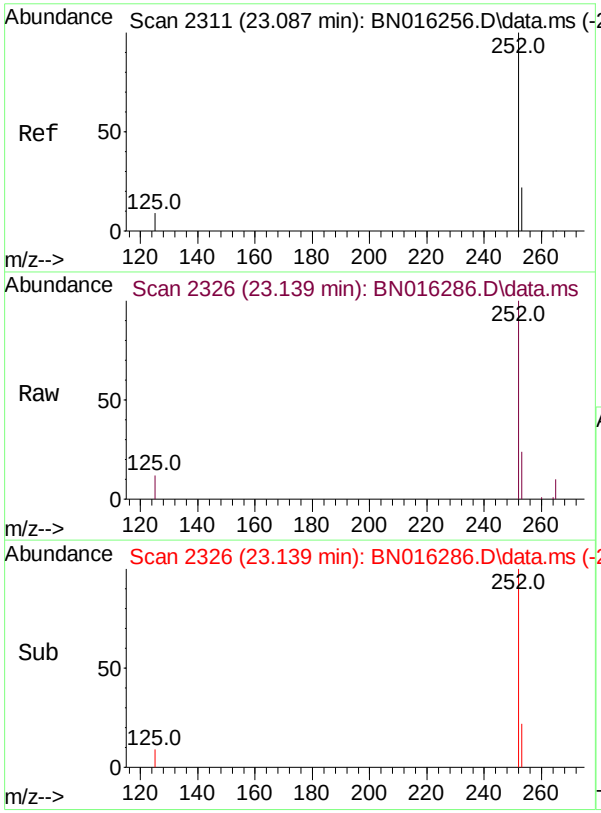
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.429 ng
RT: 26.288 min Scan# 3246
Delta R.T. -0.000 min
Lab File: BN016286.D
Acq: 10 Sep 2021 09:58

Tgt Ion:276 Resp: 33220

Ion	Ratio	Lower	Upper
276	100		
138	24.9	19.3	28.9
277	24.9	20.2	30.2



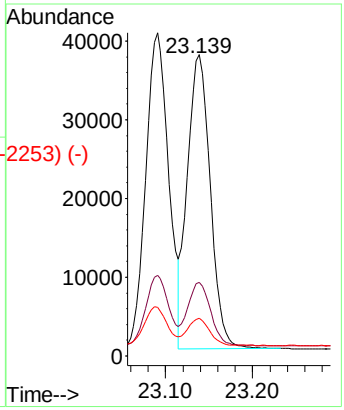
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

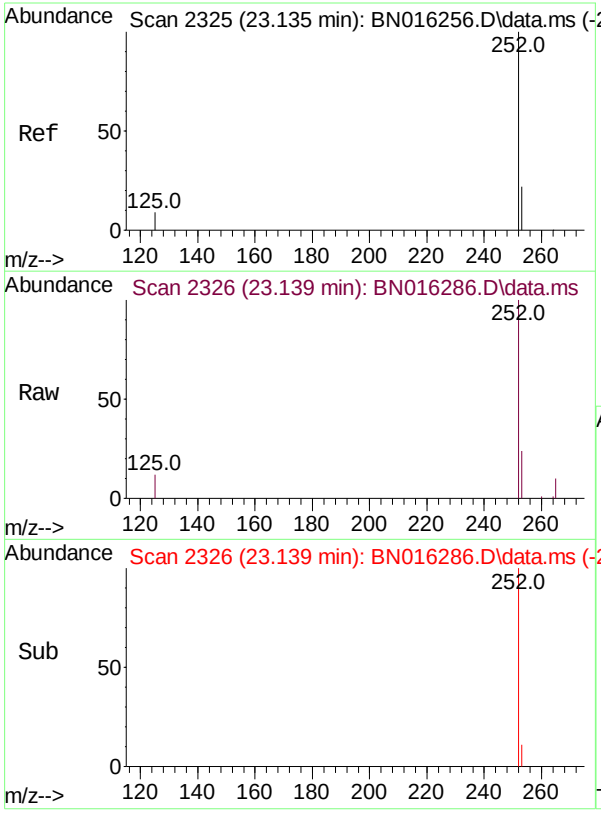


#37
Benzo(b)fluoranthene
Concen: 0.380 ng
RT: 23.139 min Scan# 2326
Delta R.T. 0.051 min
Lab File: BN016286.D
Acq: 10 Sep 2021 09:58

Tgt Ion:252 Resp: 68255

Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.2	27.2
125	12.5	8.4	12.6

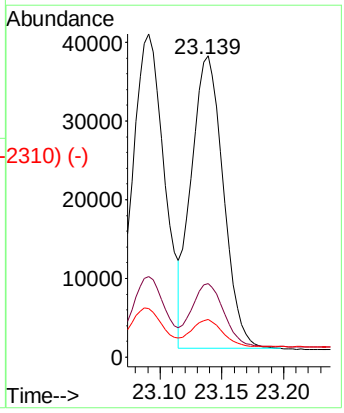




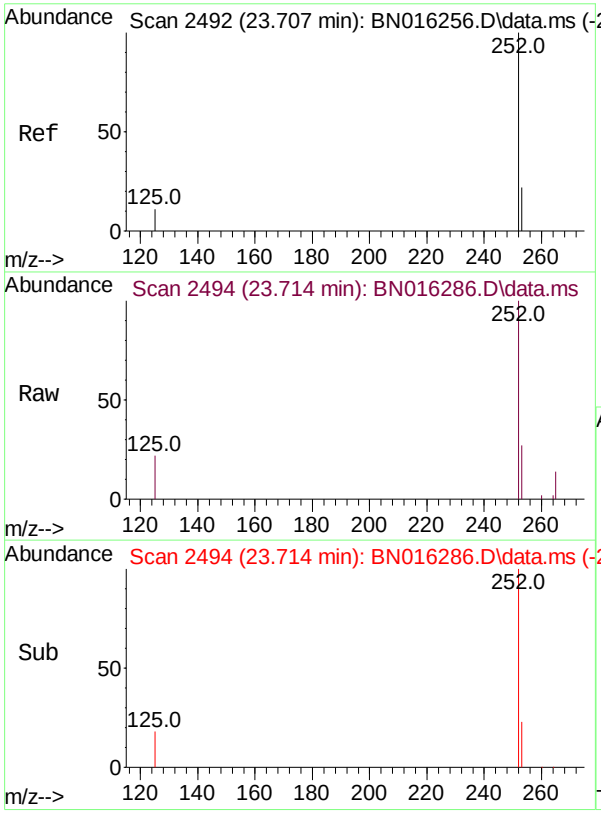
#38
Benzo(k)fluoranthene
Concen: 0.419 ng
RT: 23.139 min Scan# 2326
Delta R.T. 0.003 min
Lab File: BN016286.D
Acq: 10 Sep 2021 09:58

Tgt Ion:252 Resp: 66939

Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.2	27.2
125	12.5	8.2	12.4#



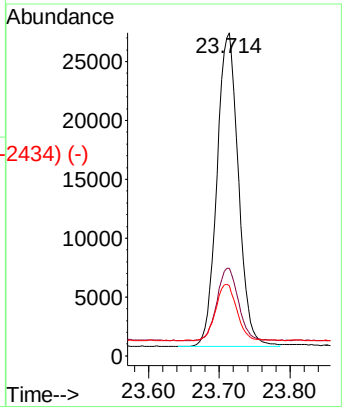
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

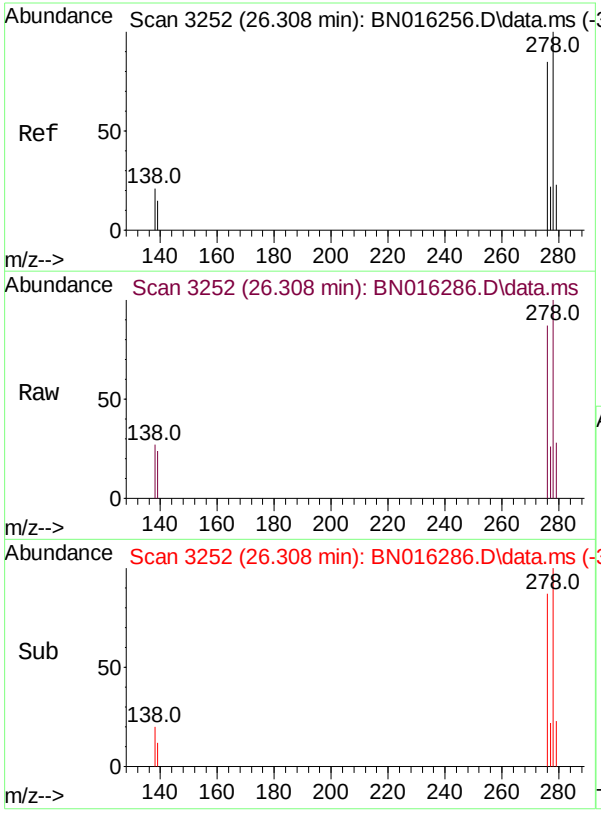


#39
Benzo(a)pyrene
Concen: 0.421 ng
RT: 23.714 min Scan# 2494
Delta R.T. 0.007 min
Lab File: BN016286.D
Acq: 10 Sep 2021 09:58

Tgt Ion:252 Resp: 56223

Ion	Ratio	Lower	Upper
252	100		
253	27.1	18.7	28.1
125	21.8	9.9	14.9#

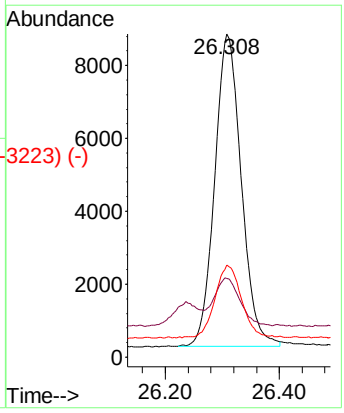


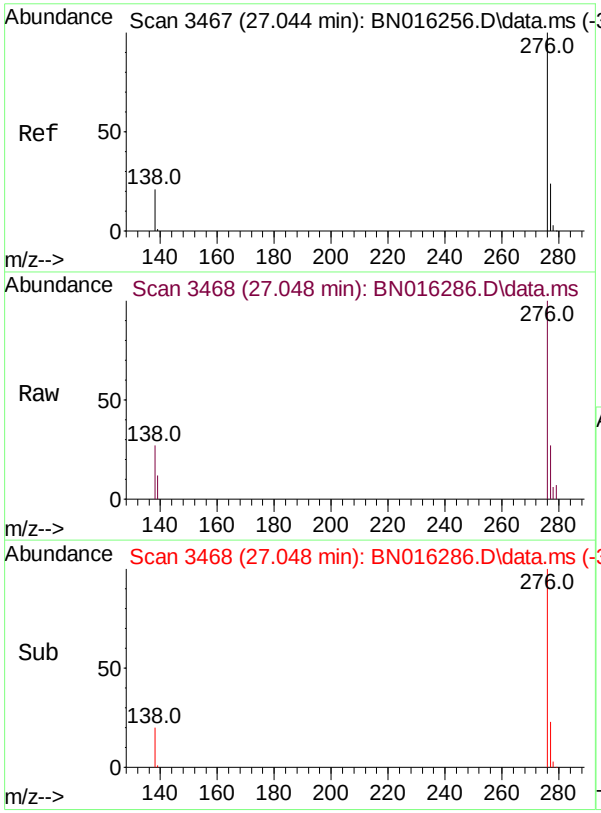


#40
Dibenzo(a,h)anthracene
Concen: 0.465 ng
RT: 26.308 min Scan# 3252
Delta R.T. 0.000 min
Lab File: BN016286.D
Acq: 10 Sep 2021 09:58

Tgt Ion:278 Resp: 27515

Ion	Ratio	Lower	Upper
278	100		
139	24.4	14.2	21.2#
279	28.5	21.3	31.9

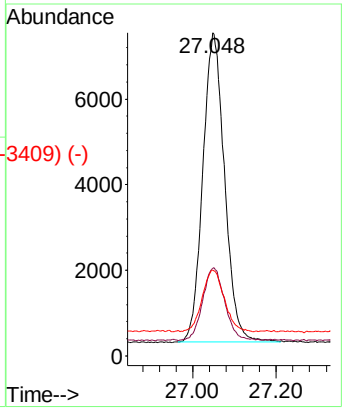




#42
Benzo(g,h,i)perylene
Concen: 0.407 ng
RT: 27.048 min Scan# 3468
Delta R.T. 0.003 min
Lab File: BN016286.D
Acq: 10 Sep 2021 09:58

Tgt Ion:276 Resp: 26135

Ion	Ratio	Lower	Upper
276	100		
277	27.1	20.5	30.7
138	26.6	18.2	27.4



Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC