Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090921\
Data File : BN016252.D
Acq On : 09 Sep 2021 11:01
Operator : CG/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC5.0

Quant Time: Sep 09 14:36:16 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 14:04:29 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.864	152	12843	0.400	ng		0.00
7) Naphthalene-d8	10.660	136	57787	0.400	ng		0.00
13) Acenaphthene-d10	14.497	164	33095	0.400	ng		0.00
19) Phenanthrene-d10	17.237	188	66848	0.400	ng		0.00
29) Chrysene-d12	21.429	240	67446	0.400	ng	#	0.00
35) Perylene-d12	23.823	264	49844	0.400	ng		0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.448	112	154091	4.250	ng		0.00
5) Phenol-d6	7.034	99	199873	4.313	ng		0.00
8) Nitrobenzene-d5	9.013	82	230020	4.958	ng		0.00
11) 2-Methylnaphthalene-d10	12.247	152	441879	4.802	ng		0.00
14) 2,4,6-Tribromophenol	15.982	330	80608	5.458	ng		0.00
15) 2-Fluorobiphenyl	13.114	172	609868	4.888	ng		0.00
27) Fluoranthene-d10	19.276	212	989144	4.928	ng		0.00
31) Terphenyl-d14	19.872	244	828266	4.860	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.364	88	20691	5.036	ng		98
3) n-Nitrosodimethylamine	3.714	42	51648	5.170	ng	#	100
6) bis(2-Chloroethyl)ether	7.292	93	157582	4.701	ng		98
9) Naphthalene	10.711	128	738883	4.831	ng		100
10) Hexachlorobutadiene	10.990	225	148970	4.785	ng	#	100
12) 2-Methylnaphthalene	12.318	142	494418	4.792	ng		99
16) Acenaphthylene	14.218	152	754439	5.081	ng		100
17) Acenaphthene	14.548	154	480102	5.106	ng		97
18) Fluorene	15.537	166	591259	5.006	ng		100
20) 4,6-Dinitro-2-methylph...	15.626	198	50870	10.729	ng	#	51
21) 4-Bromophenyl-phenylether	16.433	248	182955	5.181	ng		97
22) Hexachlorobenzene	16.555	284	205911	4.941	ng		100
23) Atrazine	16.701	200	187109	5.234	ng		98
24) Pentachlorophenol	16.896	266	81427	7.613	ng		98
25) Phenanthrene	17.285	178	946476	5.057	ng		100
26) Anthracene	17.370	178	916706	5.138	ng		100
28) Fluoranthene	19.306	202	1087992	4.902	ng		100
30) Pyrene	19.669	202	1137667	5.178	ng		100
32) Benzo(a)anthracene	21.419	228	1134515	5.009	ng		99
33) Chrysene	21.472	228	1079858	4.906	ng		99
34) Bis(2-ethylhexyl)phtha...	21.344	149	714312	4.684	ng		99
36) Indeno(1,2,3-cd)pyrene	26.298	276	520452	3.754	ng		100
37) Benzo(b)fluoranthene	23.098	252	973319	5.719	ng		98
38) Benzo(k)fluoranthene	23.146	252	875719	5.619	ng		98
39) Benzo(a)pyrene	23.717	252	778902	5.156	ng		96
41) Benzo(g,h,i)perylene	27.058	276	409623	3.517	ng		96

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

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Misc :
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Instrument :
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ClientSampleId :
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Quant Time: Sep 09 14:36:16 2021
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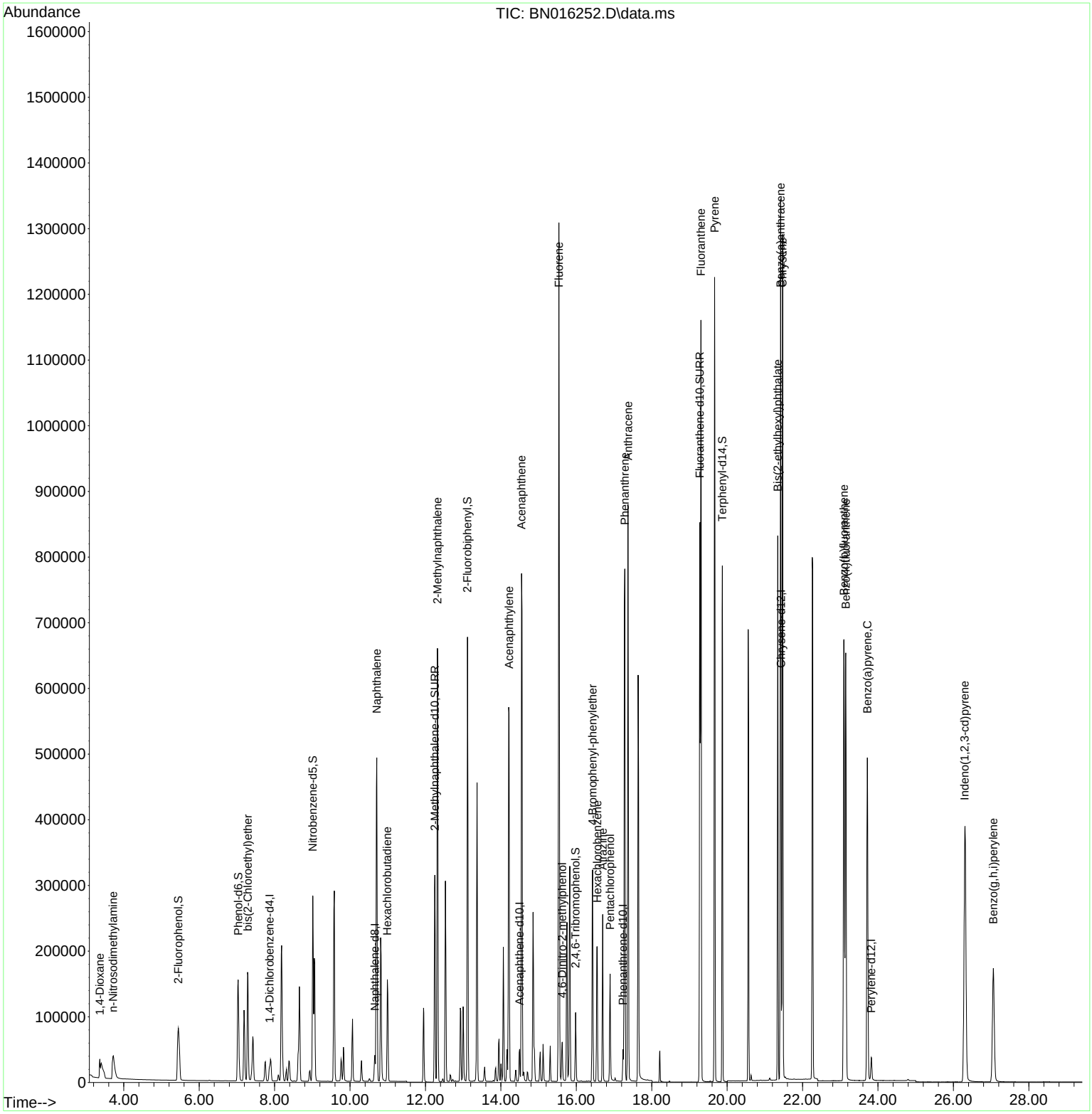
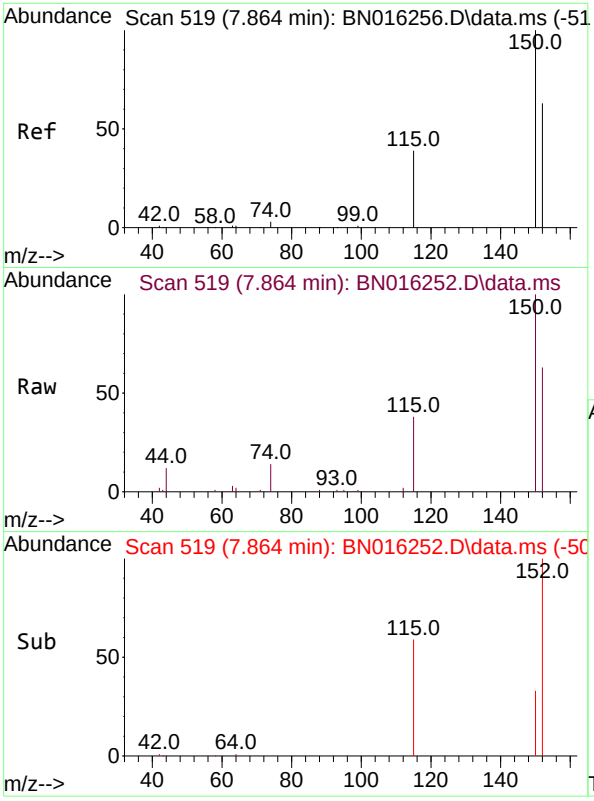
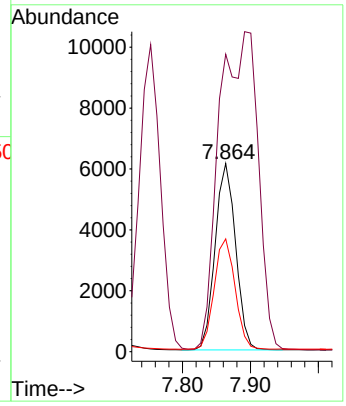




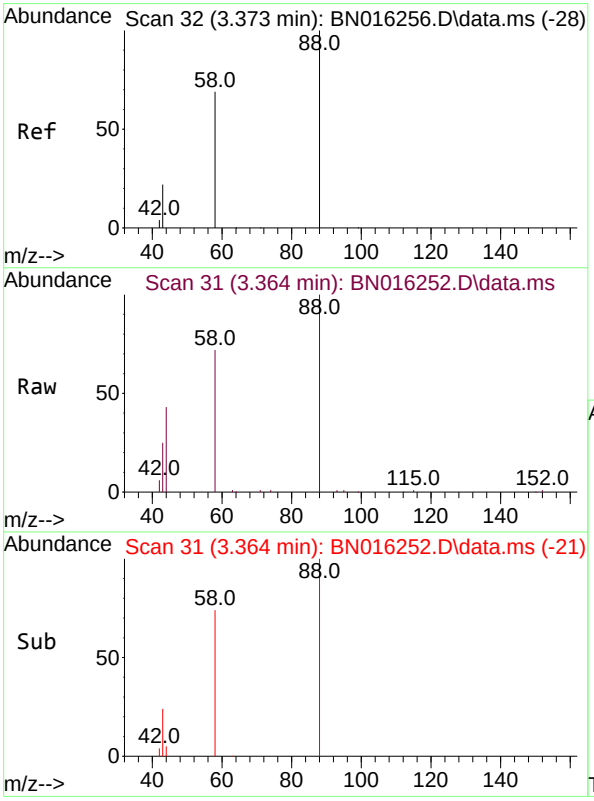
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.864 min Scan# 519
Delta R.T. -0.000 min
Lab File: BN016252.D
Acq: 09 Sep 2021 11:01

Tgt Ion:152 Resp: 12843

Ion	Ratio	Lower	Upper
152	100		
150	158.0	125.6	188.4
115	60.0	50.2	75.2



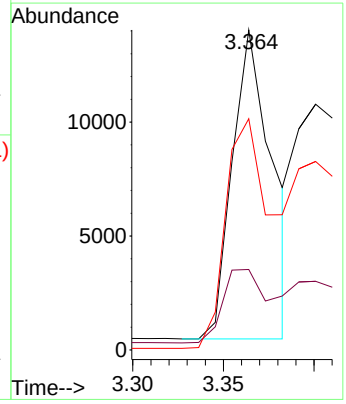
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0



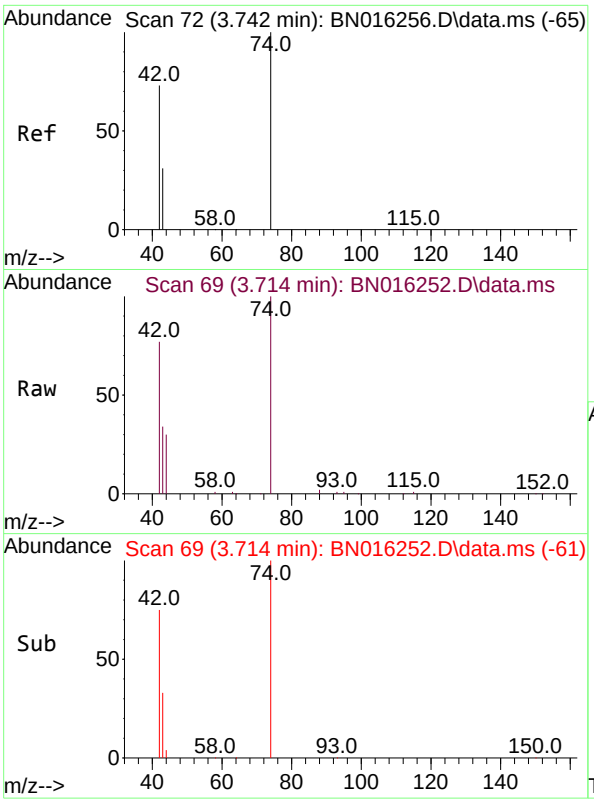
#2
1,4-Dioxane
Concen: 5.036 ng
RT: 3.364 min Scan# 31
Delta R.T. -0.009 min
Lab File: BN016252.D
Acq: 09 Sep 2021 11:01

Tgt Ion: 88 Resp: 20691

Ion	Ratio	Lower	Upper
88	100		
43	24.0	20.3	30.5
58	86.0	69.9	104.9



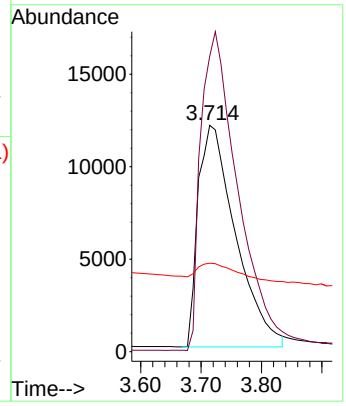
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

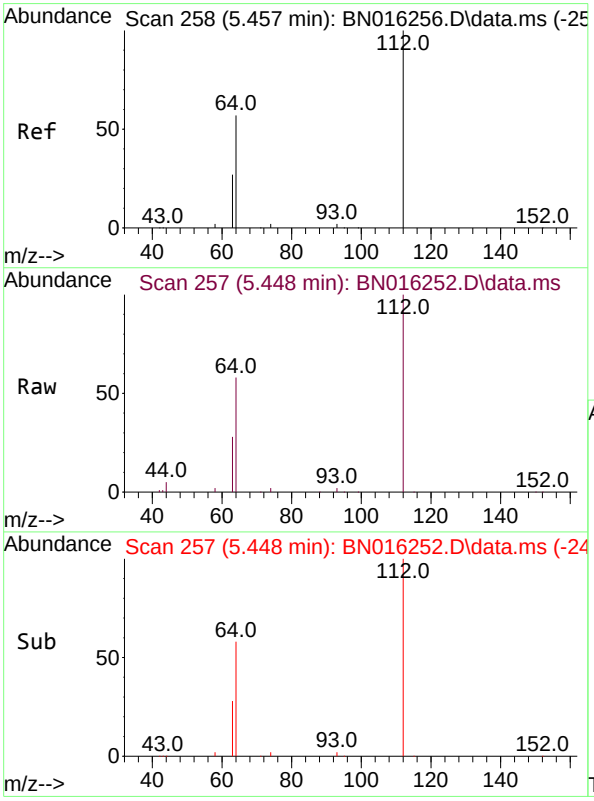


#3
n-Nitrosodimethylamine
Concen: 5.170 ng
RT: 3.714 min Scan# 69
Delta R.T. -0.028 min
Lab File: BN016252.D
Acq: 09 Sep 2021 11:01

Tgt Ion: 42 Resp: 51648

Ion	Ratio	Lower	Upper
42	100		
74	142.3	113.6	170.4
44	8.5	0.0	0.0#

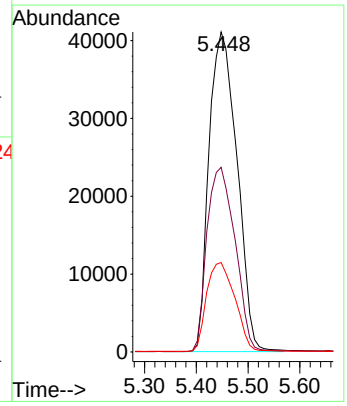




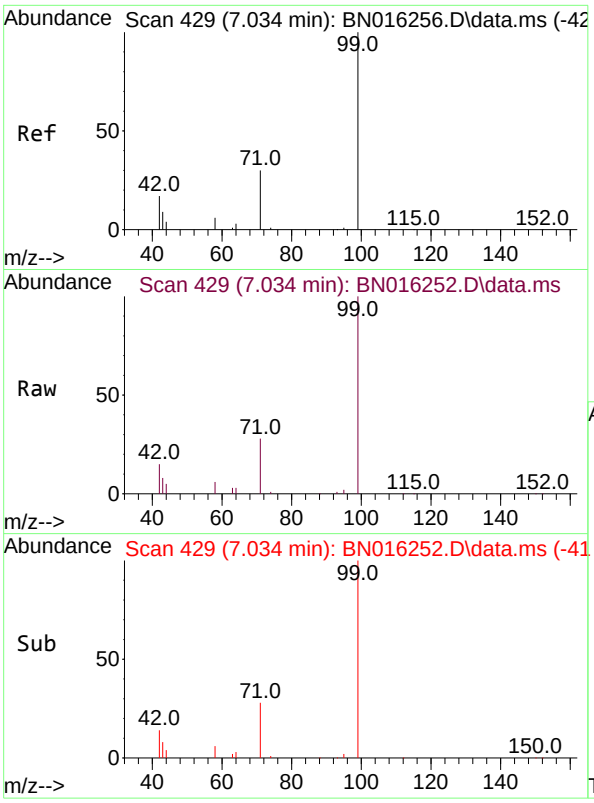
#4
2-Fluorophenol
Concen: 4.250 ng
RT: 5.448 min Scan# 257
Delta R.T. -0.009 min
Lab File: BN016252.D
Acq: 09 Sep 2021 11:01

Tgt Ion:112 Resp: 154091

Ion	Ratio	Lower	Upper
112	100		
64	58.1	47.3	70.9
63	28.1	23.4	35.0



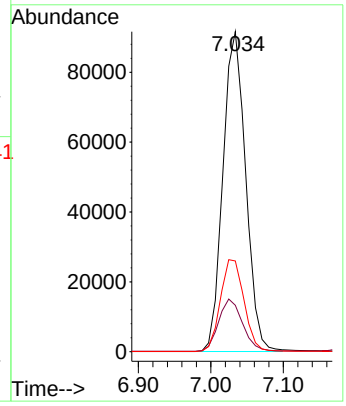
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

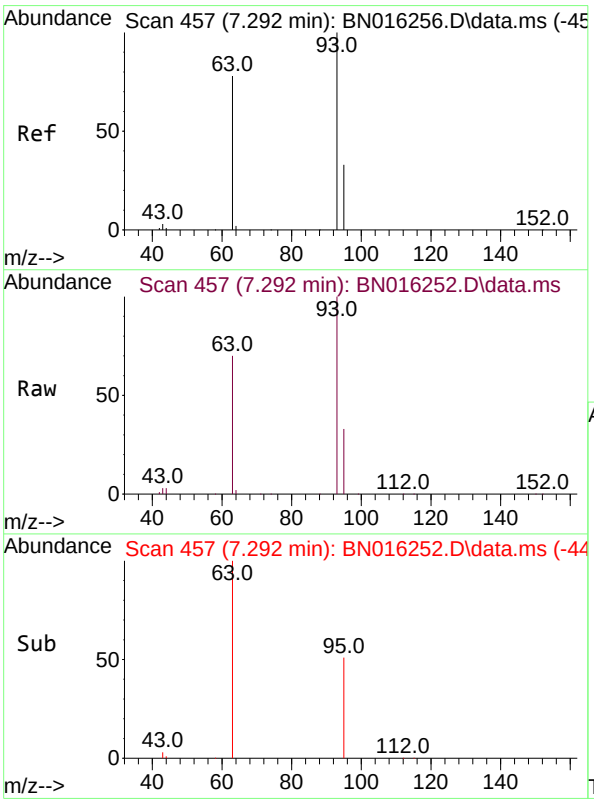


#5
Phenol-d6
Concen: 4.313 ng
RT: 7.034 min Scan# 429
Delta R.T. -0.000 min
Lab File: BN016252.D
Acq: 09 Sep 2021 11:01

Tgt Ion: 99 Resp: 199873

Ion	Ratio	Lower	Upper
99	100		
42	17.1	14.0	21.0
71	29.8	23.8	35.6

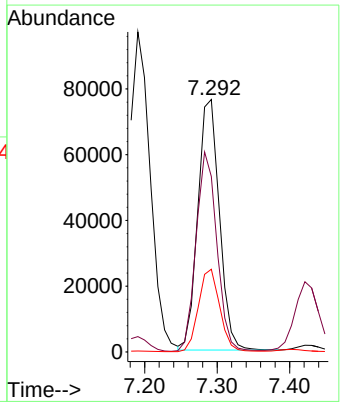




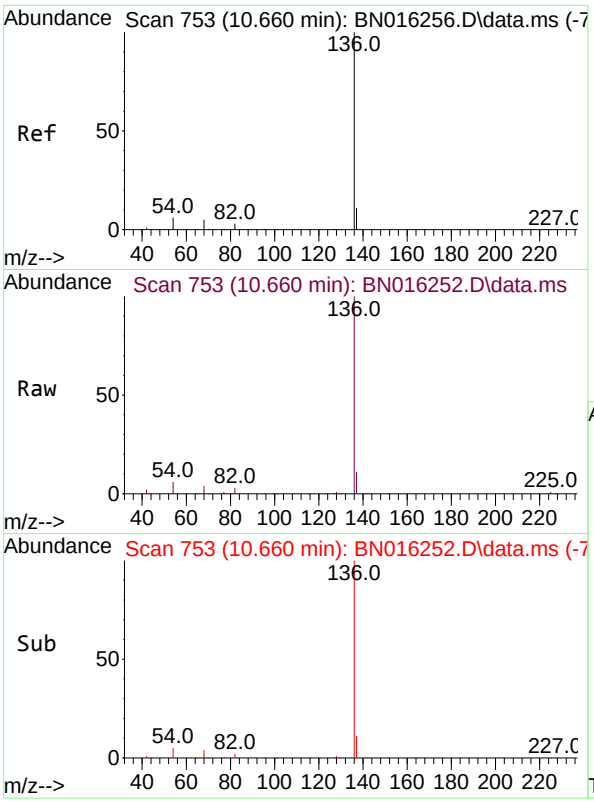
#6
bis(2-Chloroethyl)ether
Concen: 4.701 ng
RT: 7.292 min Scan# 457
Delta R.T. -0.000 min
Lab File: BN016252.D
Acq: 09 Sep 2021 11:01

Tgt Ion: 93 Resp: 157582

Ion	Ratio	Lower	Upper
93	100		
63	76.8	63.4	95.0
95	32.5	26.8	40.2



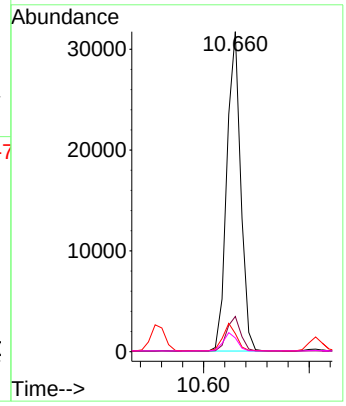
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

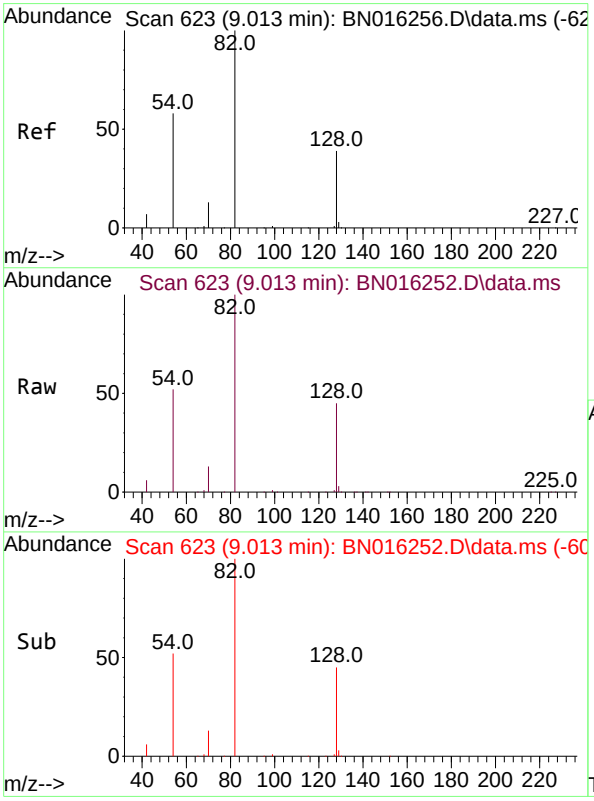


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.660 min Scan# 753
Delta R.T. -0.000 min
Lab File: BN016252.D
Acq: 09 Sep 2021 11:01

Tgt Ion:136 Resp: 57787

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	5.7	5.3	7.9
68	4.3	3.9	5.9

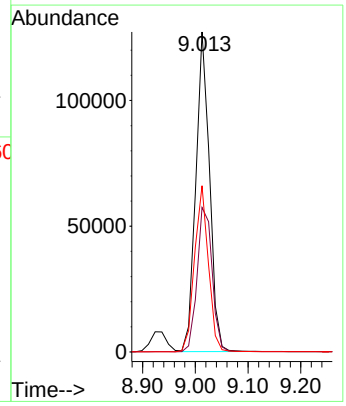


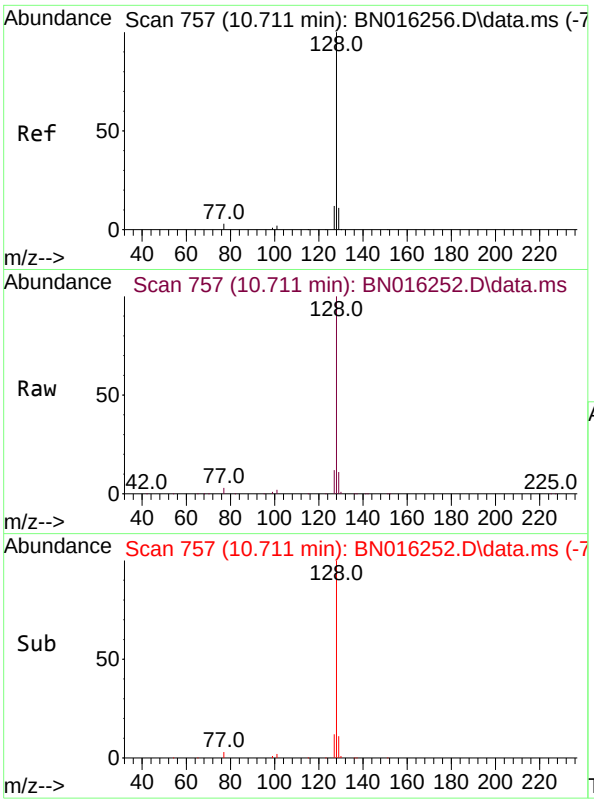


#8
Nitrobenzene-d5
Concen: 4.958 ng
RT: 9.013 min Scan# 623
Delta R.T. -0.000 min
Lab File: BN016252.D
Acq: 09 Sep 2021 11:01

Tgt Ion: 82 Resp: 230020

Ion	Ratio	Lower	Upper
82	100		
128	45.2	31.7	47.5
54	52.0	46.4	69.6

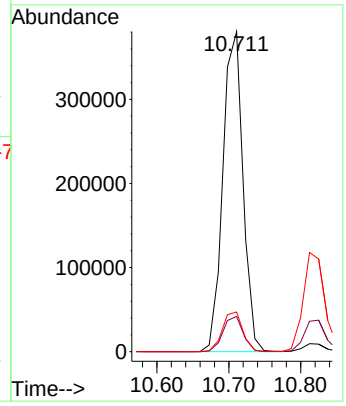




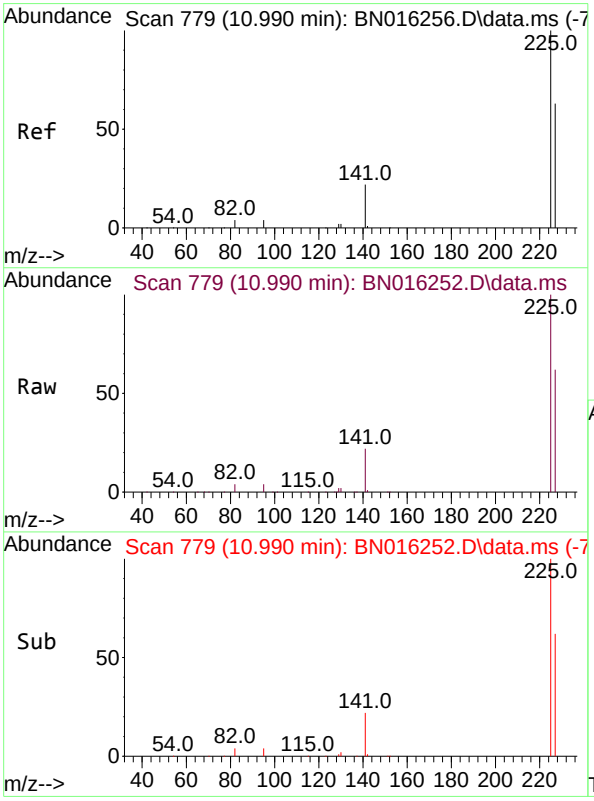
#9
Naphthalene
Concen: 4.831 ng
RT: 10.711 min Scan# 757
Delta R.T. -0.000 min
Lab File: BN016252.D
Acq: 09 Sep 2021 11:01

Tgt Ion:128 Resp: 738883

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.9	13.3
127	12.4	10.1	15.1



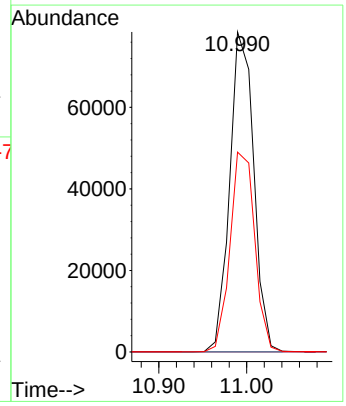
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

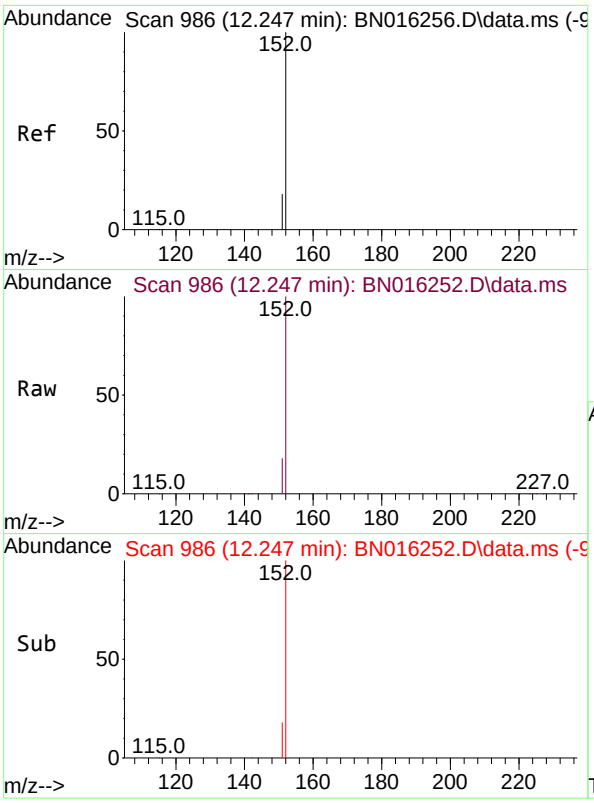


#10
Hexachlorobutadiene
Concen: 4.785 ng
RT: 10.990 min Scan# 779
Delta R.T. -0.000 min
Lab File: BN016252.D
Acq: 09 Sep 2021 11:01

Tgt Ion:225 Resp: 148970

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.2	51.5	77.3

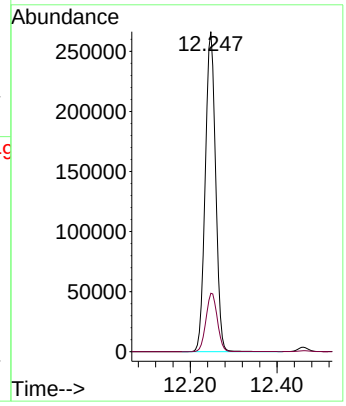




#11
2-Methylnaphthalene-d10
Concen: 4.802 ng
RT: 12.247 min Scan# 986
Delta R.T. -0.000 min
Lab File: BN016252.D
Acq: 09 Sep 2021 11:01

Tgt Ion:152 Resp: 441879

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.1	24.1



Instrument :
BNA_N
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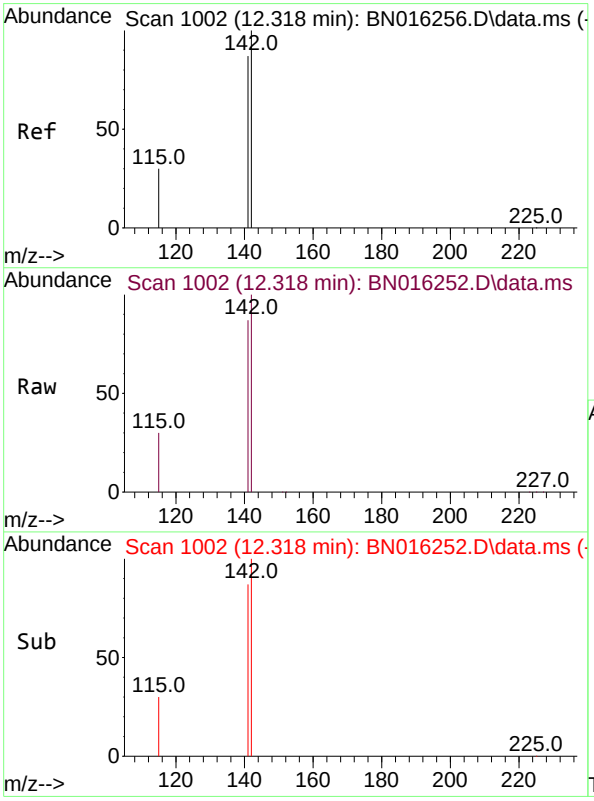
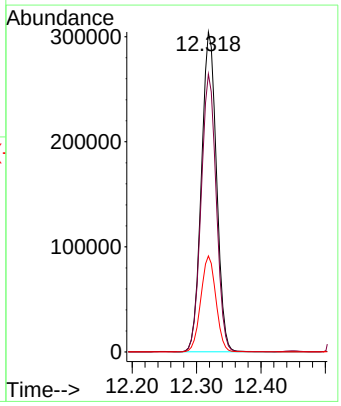
SSTDICC5.0



#12
2-Methylnaphthalene
Concen: 4.792 ng
RT: 12.318 min Scan# 1002
Delta R.T. -0.000 min
Lab File: BN016252.D
Acq: 09 Sep 2021 11:01

Tgt Ion:142 Resp: 494418

Ion	Ratio	Lower	Upper
142	100		
141	86.9	69.8	104.8
115	30.0	24.4	36.6



Instrument :
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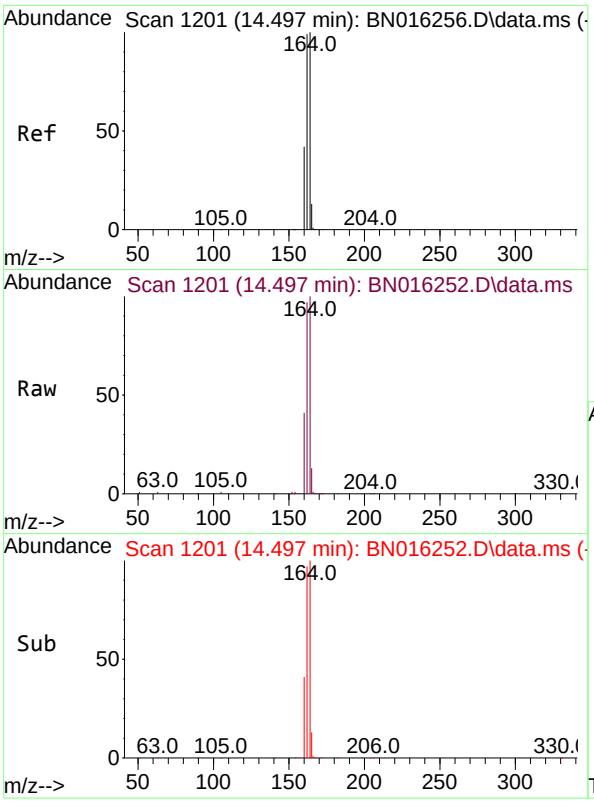
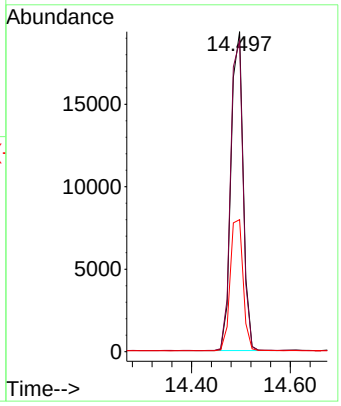
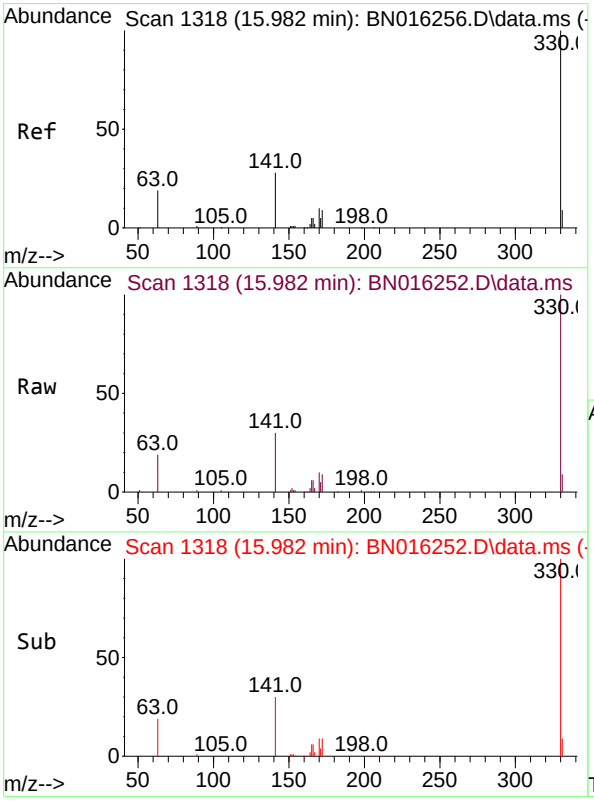


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.497 min Scan# 1201
Delta R.T. -0.000 min
Lab File: BN016252.D
Acq: 09 Sep 2021 11:01

Tgt Ion:164 Resp: 33095

Ion	Ratio	Lower	Upper
164	100		
162	97.1	79.0	118.4
160	41.2	34.1	51.1

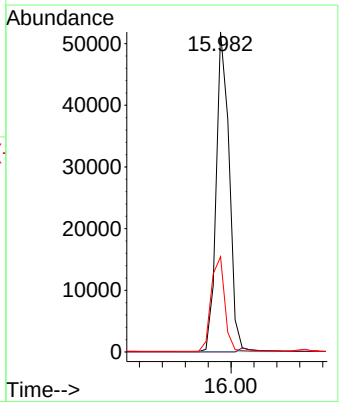




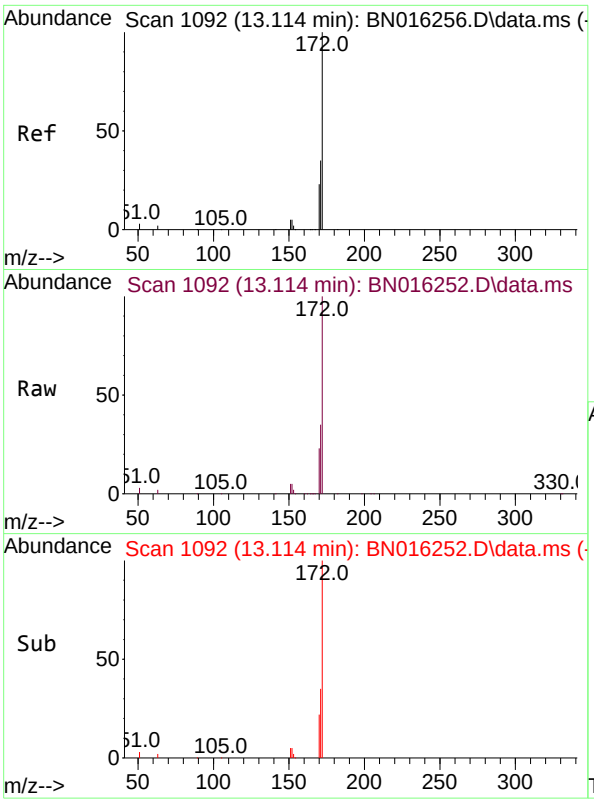
#14
2,4,6-Tribromophenol
Concen: 5.458 ng
RT: 15.982 min Scan# 1318
Delta R.T. -0.000 min
Lab File: BN016252.D
Acq: 09 Sep 2021 11:01

Tgt Ion:330 Resp: 80608

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	30.9	25.0	37.4



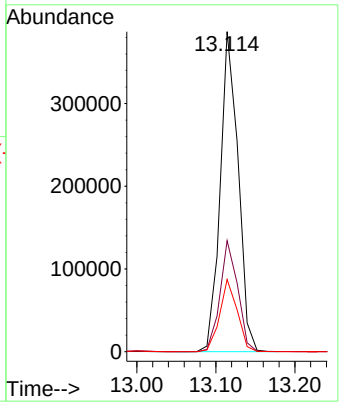
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

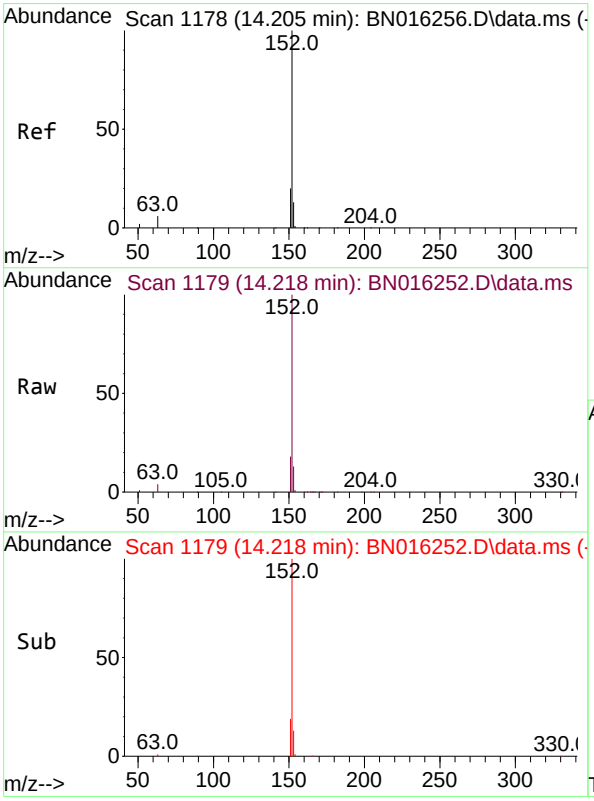


#15
2-Fluorobiphenyl
Concen: 4.888 ng
RT: 13.114 min Scan# 1092
Delta R.T. -0.000 min
Lab File: BN016252.D
Acq: 09 Sep 2021 11:01

Tgt Ion:172 Resp: 609868

Ion	Ratio	Lower	Upper
172	100		
171	34.7	27.8	41.6
170	22.5	18.2	27.2

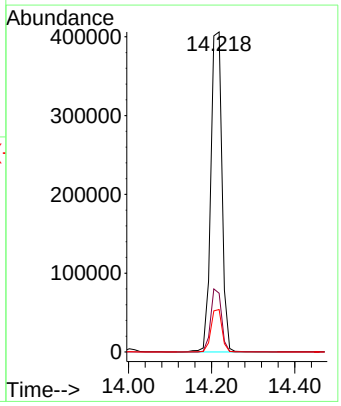




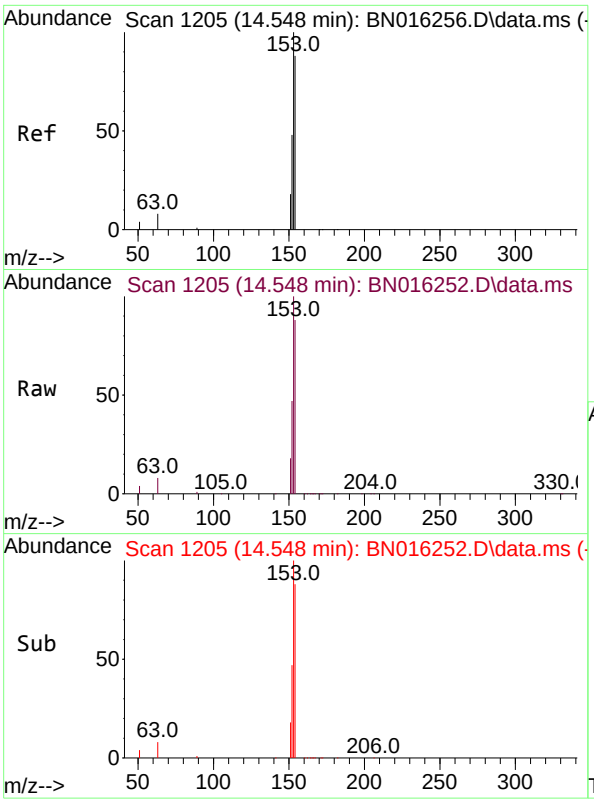
#16
Acenaphthylene
Concen: 5.081 ng
RT: 14.218 min Scan# 1179
Delta R.T. 0.013 min
Lab File: BN016252.D
Acq: 09 Sep 2021 11:01

Tgt Ion:152 Resp: 754439

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



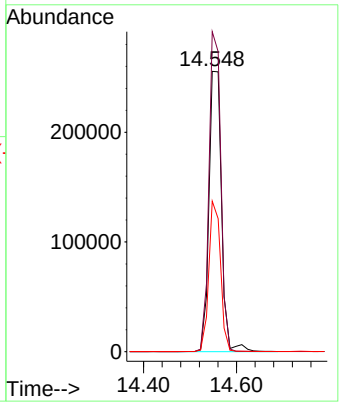
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

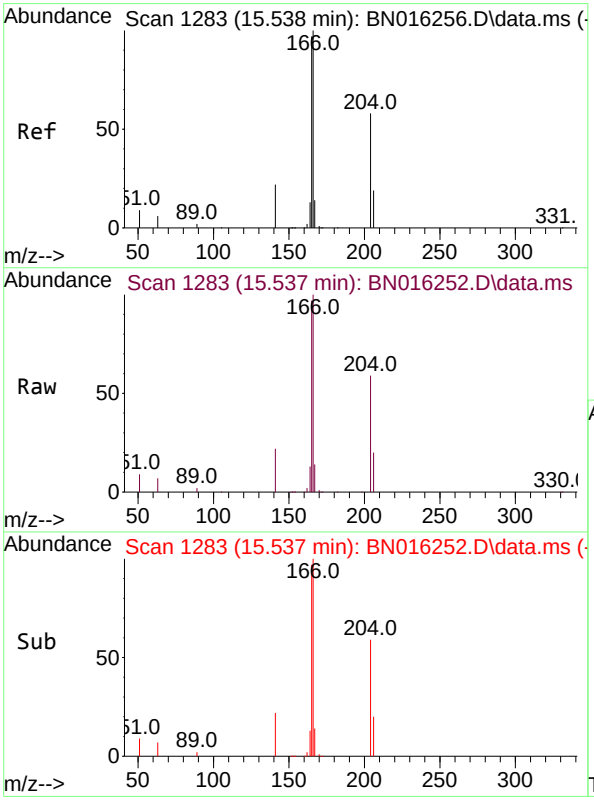


#17
Acenaphthene
Concen: 5.106 ng
RT: 14.548 min Scan# 1205
Delta R.T. -0.000 min
Lab File: BN016252.D
Acq: 09 Sep 2021 11:01

Tgt Ion:154 Resp: 480102

Ion	Ratio	Lower	Upper
154	100		
153	108.3	89.3	133.9
152	49.9	42.2	63.4

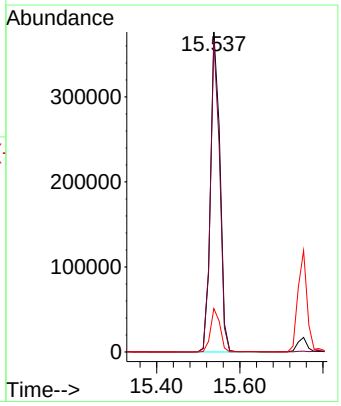


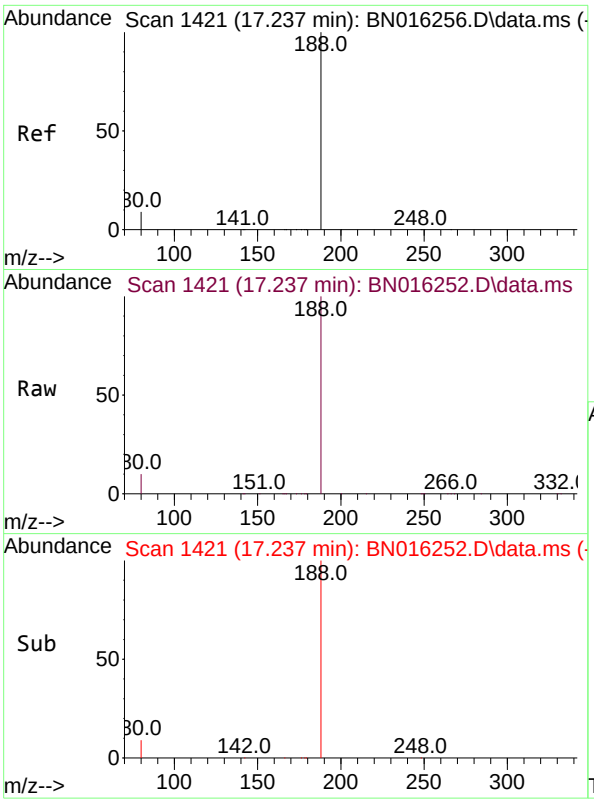


#18
Fluorene
Concen: 5.006 ng
RT: 15.537 min Scan# 1283
Delta R.T. -0.000 min
Lab File: BN016252.D
Acq: 09 Sep 2021 11:01

Tgt Ion:166 Resp: 591259

Ion	Ratio	Lower	Upper
166	100		
165	95.7	76.7	115.1
167	13.6	10.9	16.3

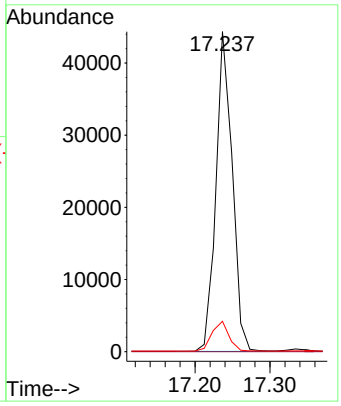




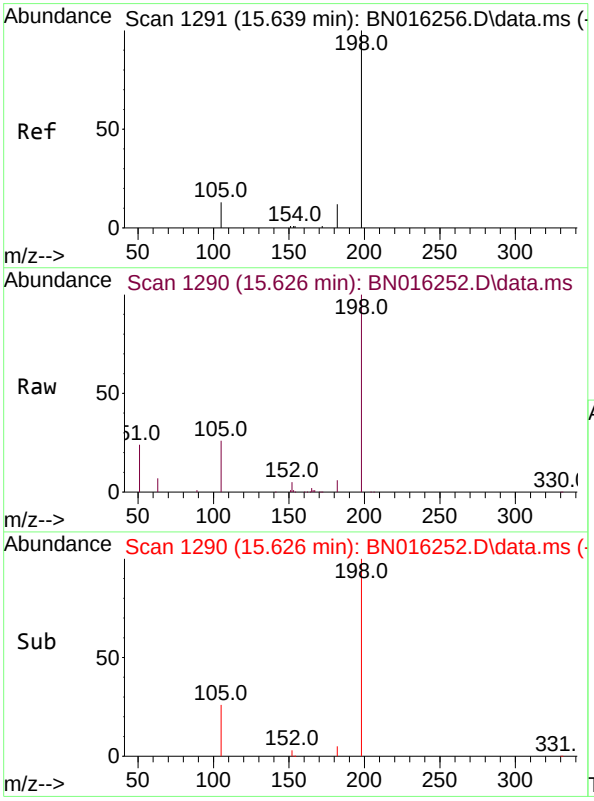
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.237 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BN016252.D
Acq: 09 Sep 2021 11:01

Tgt Ion:188 Resp: 66848

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.5	7.0	10.6



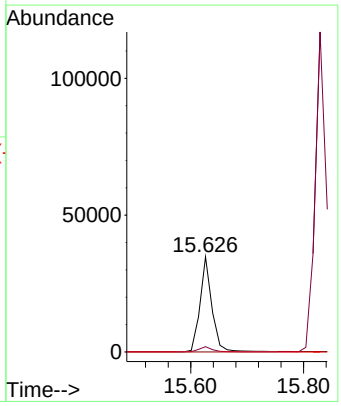
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0



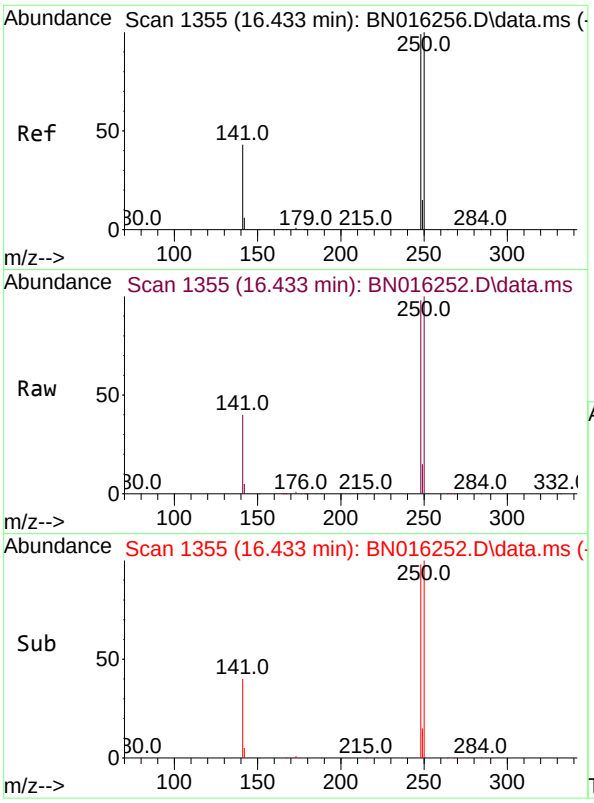
#20
4,6-Dinitro-2-methylphenol
Concen: 10.729 ng
RT: 15.626 min Scan# 1290
Delta R.T. -0.013 min
Lab File: BN016252.D
Acq: 09 Sep 2021 11:01

Tgt Ion:198 Resp: 50870

Ion	Ratio	Lower	Upper
198	100		
182	5.6	26.6	39.8#
77	0.0	0.0	0.0



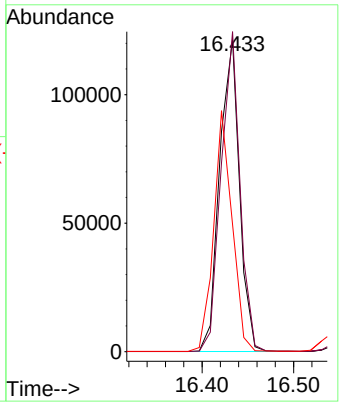
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

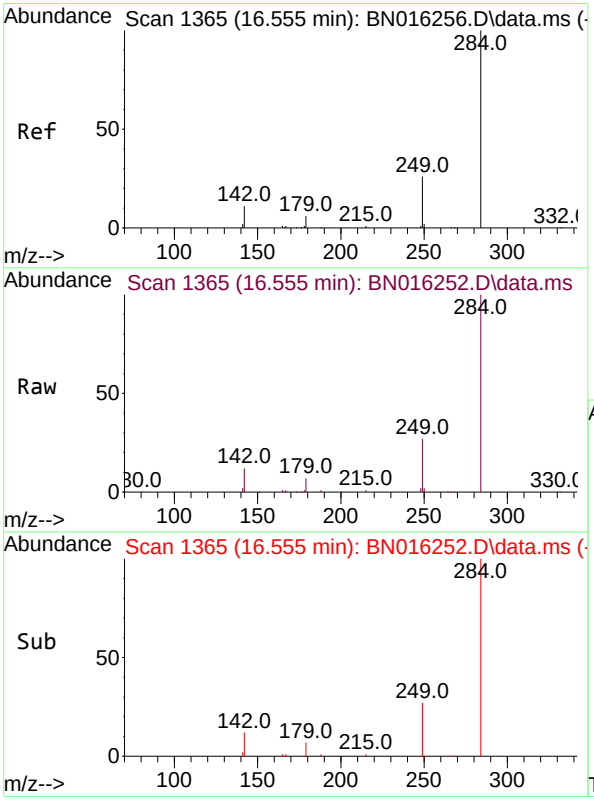


#21
4-Bromophenyl-phenylether
Concen: 5.181 ng
RT: 16.433 min Scan# 1355
Delta R.T. -0.000 min
Lab File: BN016252.D
Acq: 09 Sep 2021 11:01

Tgt Ion:248 Resp: 182955

Ion	Ratio	Lower	Upper
248	100		
250	102.5	80.5	120.7
141	40.8	34.8	52.2

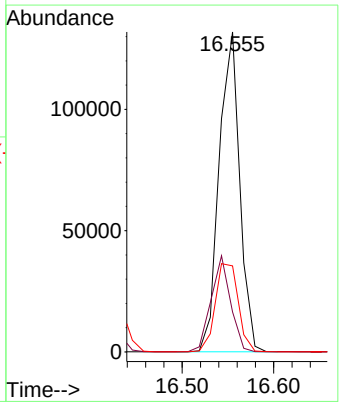




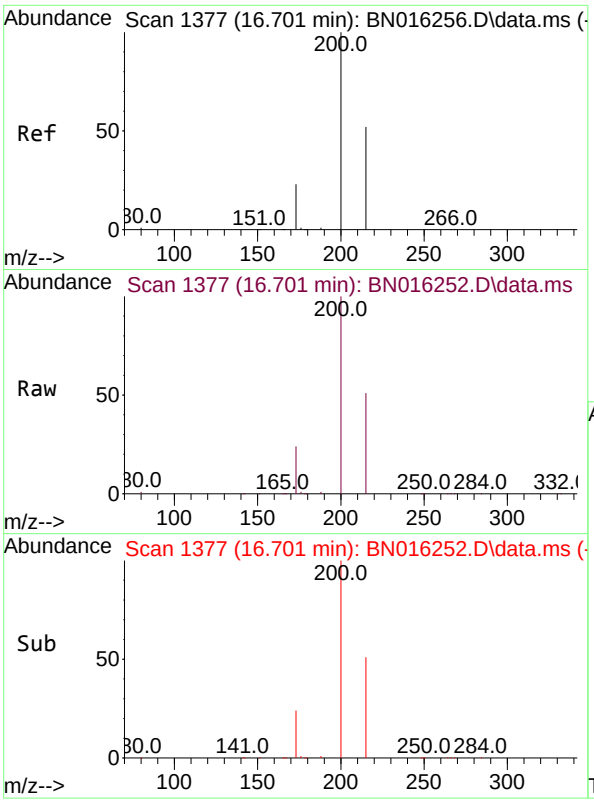
#22
Hexachlorobenzene
Concen: 4.941 ng
RT: 16.555 min Scan# 1365
Delta R.T. -0.000 min
Lab File: BN016252.D
Acq: 09 Sep 2021 11:01

Tgt Ion:284 Resp: 205911

Ion	Ratio	Lower	Upper
284	100		
142	28.3	22.6	34.0
249	30.8	24.4	36.6



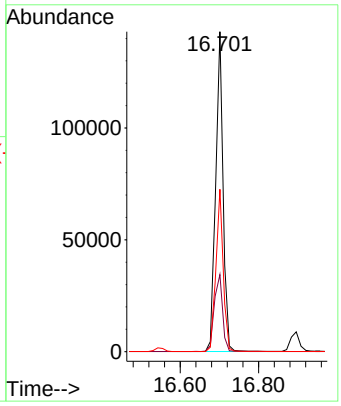
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

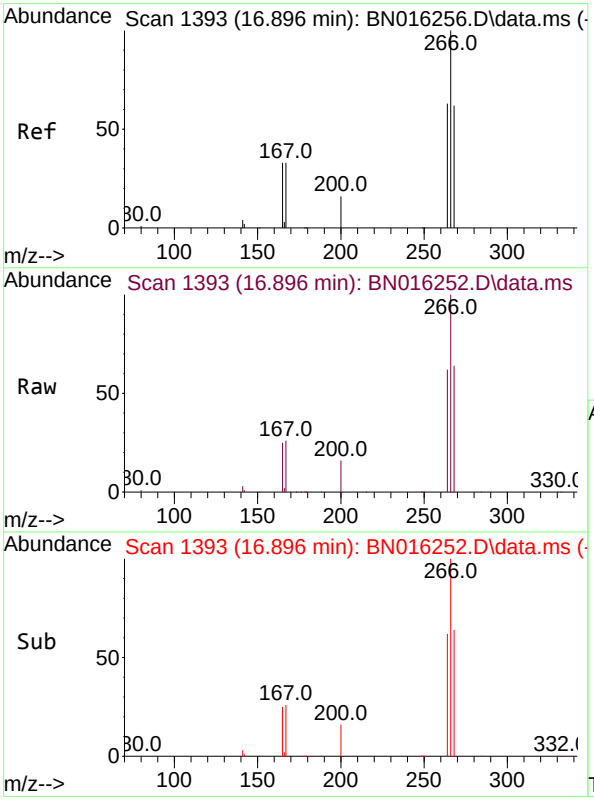


#23
Atrazine
Concen: 5.234 ng
RT: 16.701 min Scan# 1377
Delta R.T. -0.000 min
Lab File: BN016252.D
Acq: 09 Sep 2021 11:01

Tgt Ion:200 Resp: 187109

Ion	Ratio	Lower	Upper
200	100		
173	24.1	18.7	28.1
215	50.7	41.6	62.4

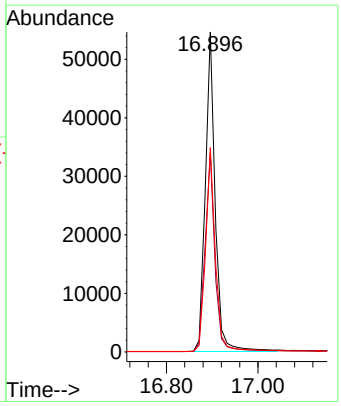




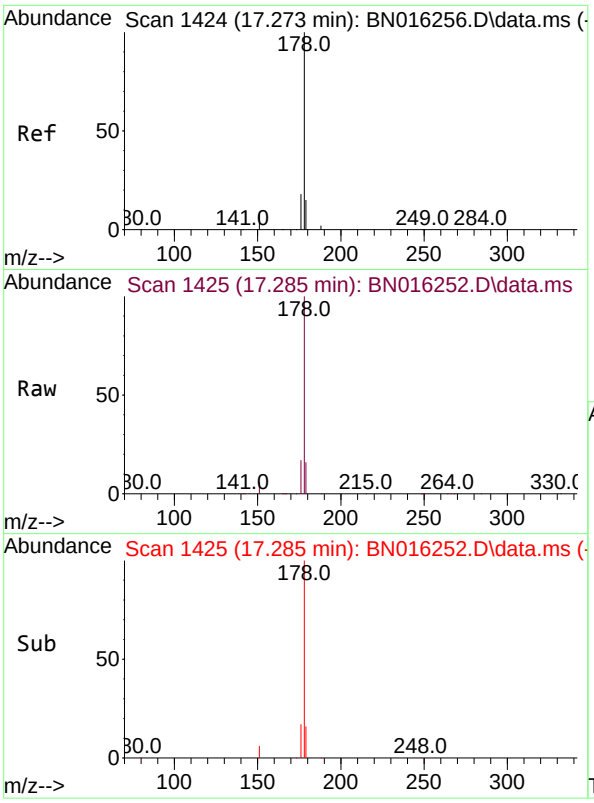
#24
Pentachlorophenol
Concen: 7.613 ng
RT: 16.896 min Scan# 1393
Delta R.T. -0.000 min
Lab File: BN016252.D
Acq: 09 Sep 2021 11:01

Tgt Ion:266 Resp: 81427

Ion	Ratio	Lower	Upper
266	100		
264	62.6	50.6	75.8
268	63.8	52.6	79.0



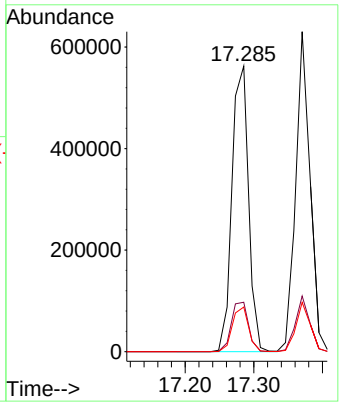
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

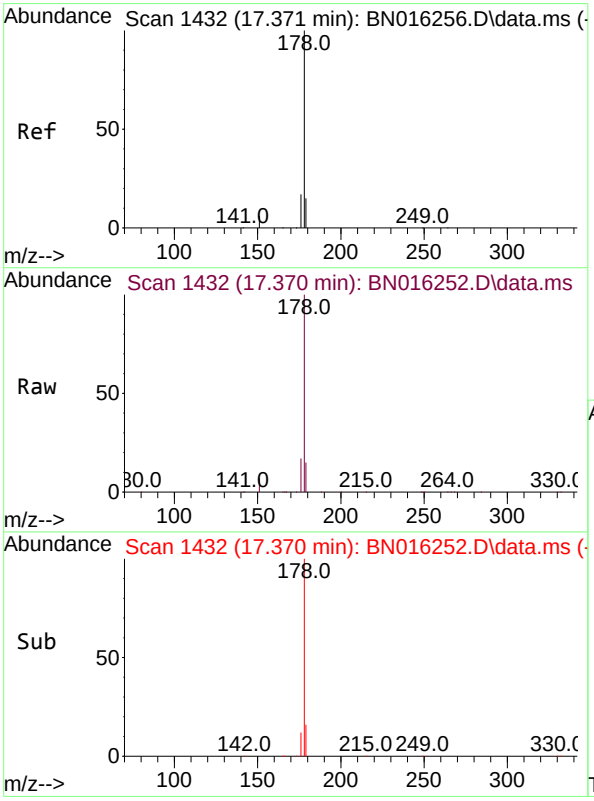


#25
Phenanthrene
Concen: 5.057 ng
RT: 17.285 min Scan# 1425
Delta R.T. 0.012 min
Lab File: BN016252.D
Acq: 09 Sep 2021 11:01

Tgt Ion:178 Resp: 946476

Ion	Ratio	Lower	Upper
178	100		
176	17.9	14.4	21.6
179	15.4	12.2	18.4

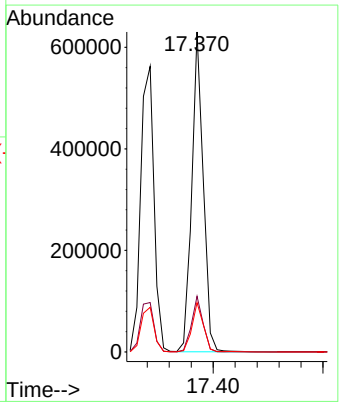


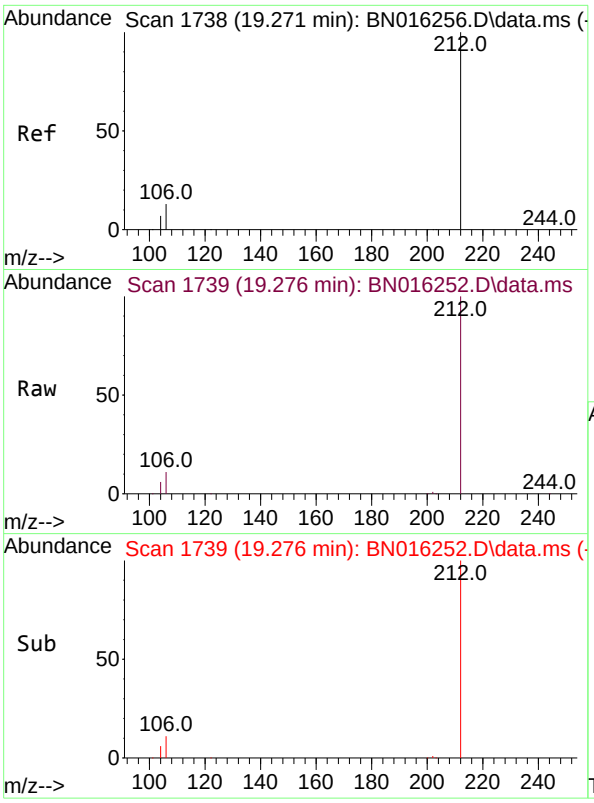


#26
Anthracene
Concen: 5.138 ng
RT: 17.370 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BN016252.D
Acq: 09 Sep 2021 11:01

Tgt Ion:178 Resp: 916706

Ion	Ratio	Lower	Upper
178	100		
176	17.3	13.9	20.9
179	15.5	12.2	18.4

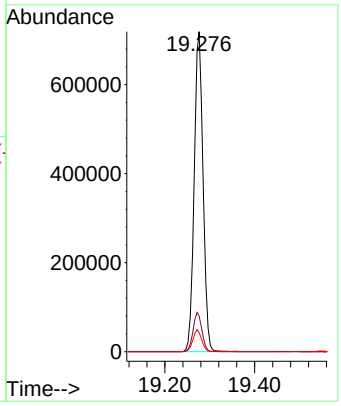




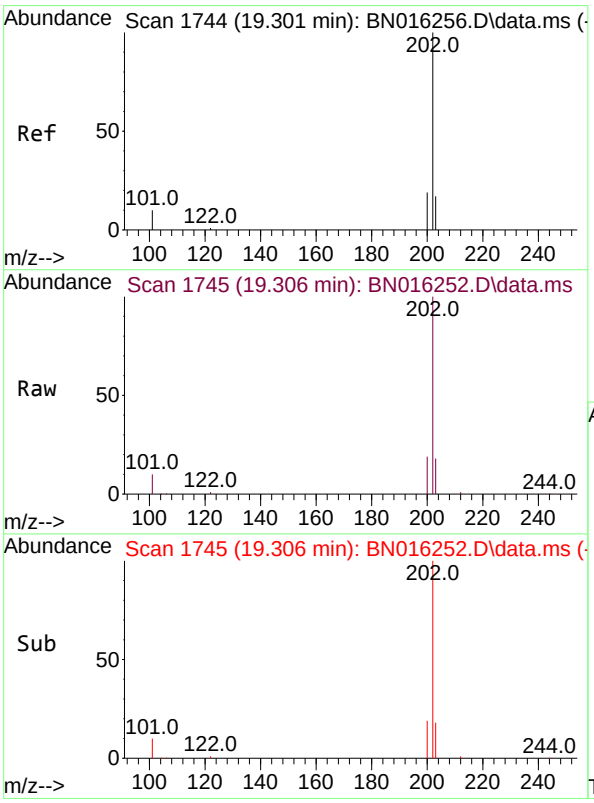
#27
Fluoranthene-d10
Concen: 4.928 ng
RT: 19.276 min Scan# 1739
Delta R.T. 0.005 min
Lab File: BN016252.D
Acq: 09 Sep 2021 11:01

Tgt Ion:212 Resp: 989144

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



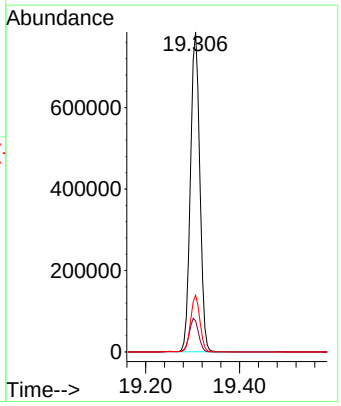
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0



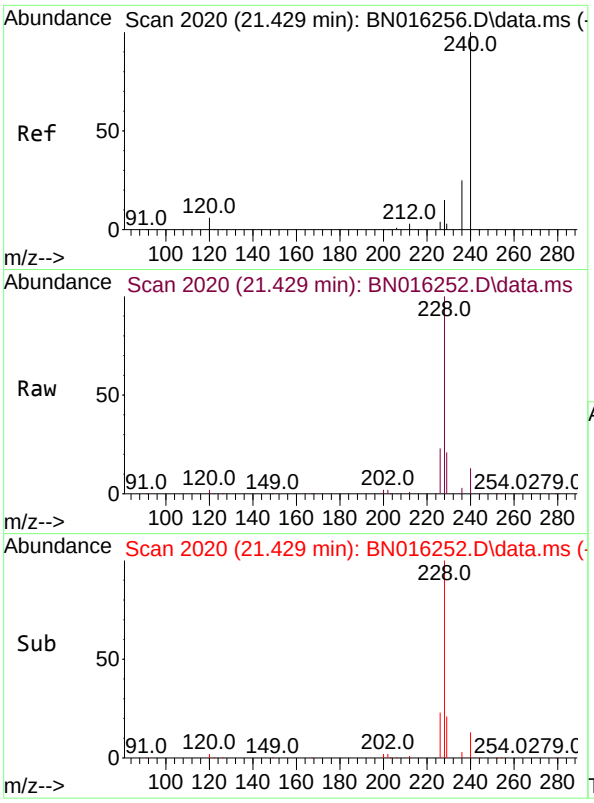
#28
Fluoranthene
Concen: 4.902 ng
RT: 19.306 min Scan# 1745
Delta R.T. 0.005 min
Lab File: BN016252.D
Acq: 09 Sep 2021 11:01

Tgt Ion:202 Resp: 1087992

Ion	Ratio	Lower	Upper
202	100		
101	10.6	8.5	12.7
203	17.5	13.8	20.8



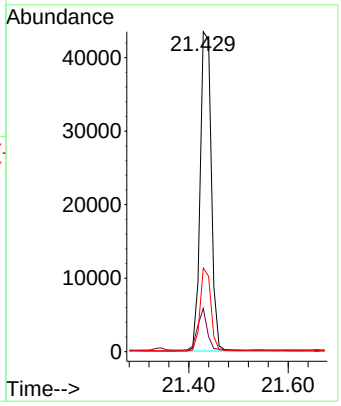
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

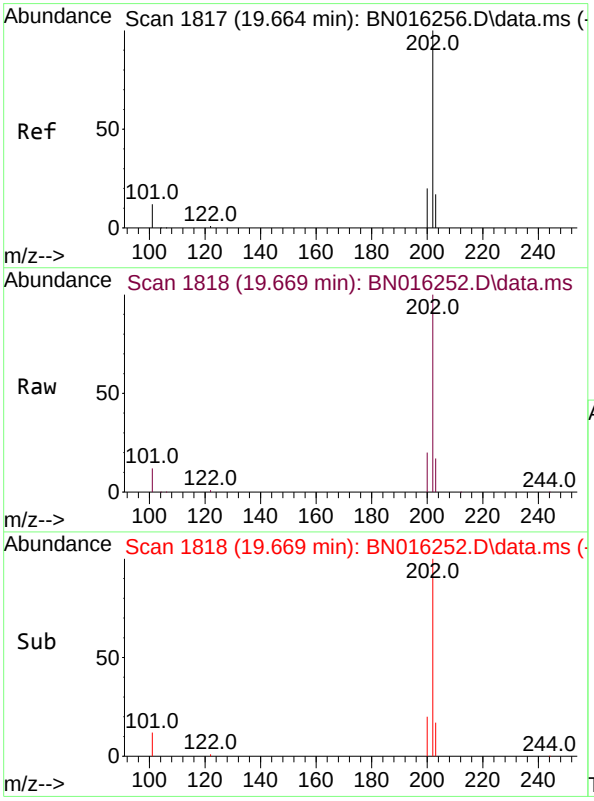


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.429 min Scan# 2020
Delta R.T. -0.000 min
Lab File: BN016252.D
Acq: 09 Sep 2021 11:01

Tgt Ion:240 Resp: 67446

Ion	Ratio	Lower	Upper
240	100		
120	13.5	5.3	7.9#
236	26.2	19.8	29.8

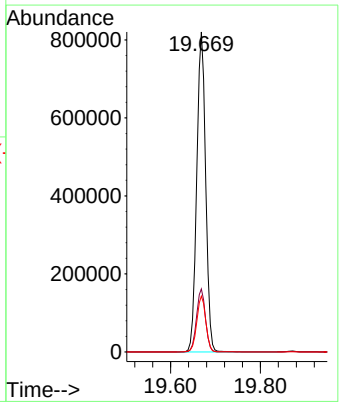




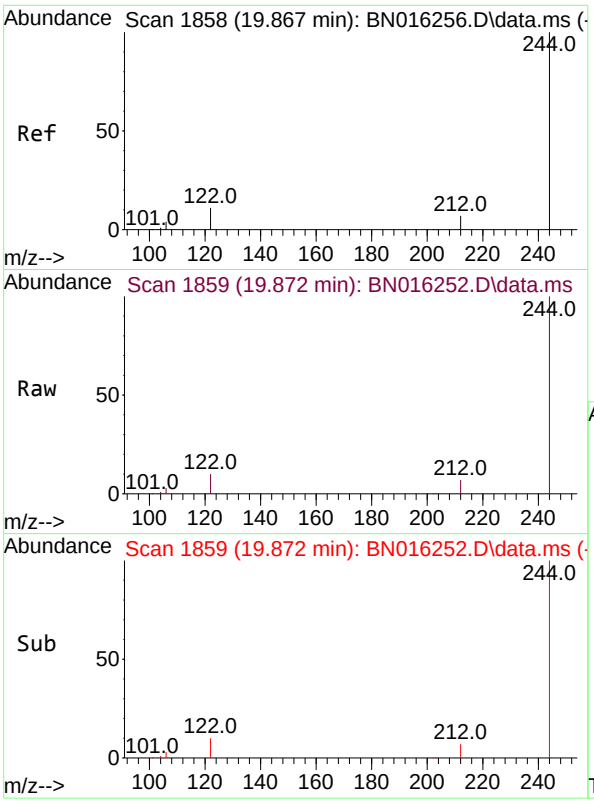
#30
Pyrene
Concen: 5.178 ng
RT: 19.669 min Scan# 1818
Delta R.T. 0.005 min
Lab File: BN016252.D
Acq: 09 Sep 2021 11:01

Tgt Ion:202 Resp: 1137667

Ion	Ratio	Lower	Upper
202	100		
200	19.7	15.8	23.6
203	17.6	13.9	20.9



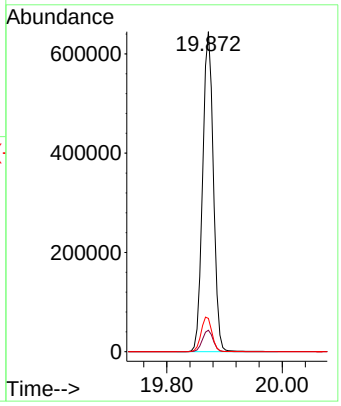
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

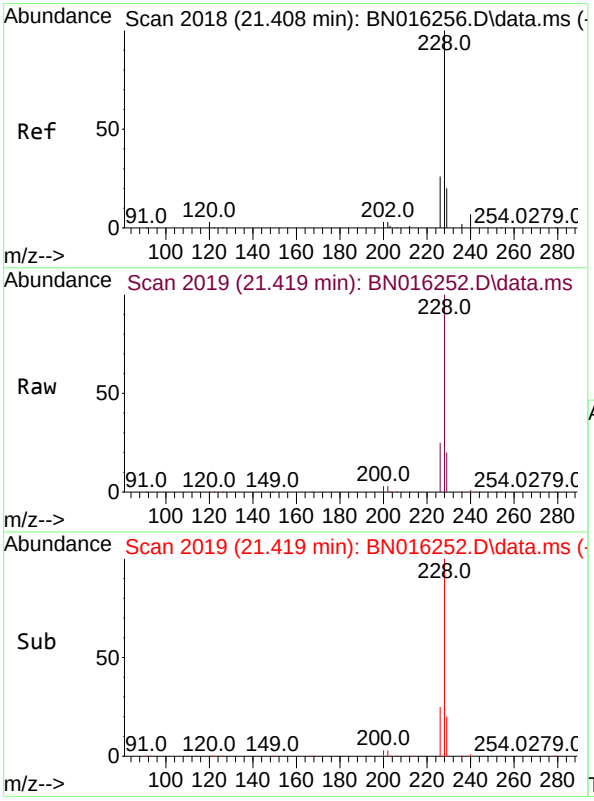


#31
Terphenyl-d14
Concen: 4.860 ng
RT: 19.872 min Scan# 1859
Delta R.T. 0.005 min
Lab File: BN016252.D
Acq: 09 Sep 2021 11:01

Tgt Ion:244 Resp: 828266

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.5	8.3
122	10.4	9.0	13.4

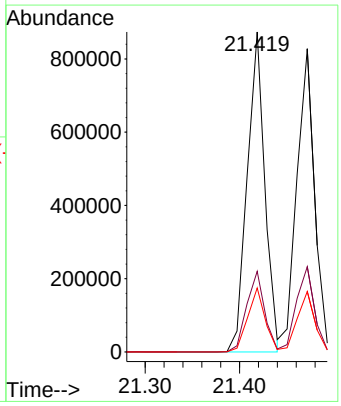




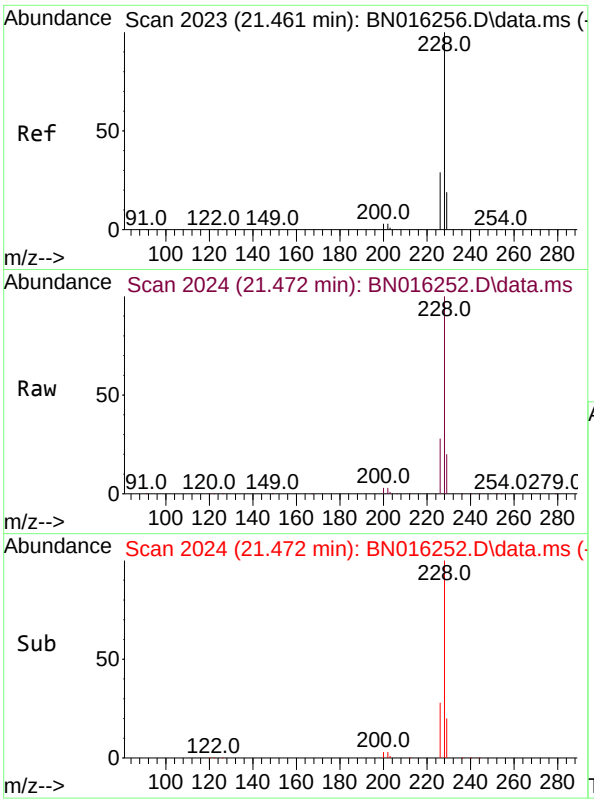
#32
Benzo(a)anthracene
Concen: 5.009 ng
RT: 21.419 min Scan# 2019
Delta R.T. 0.011 min
Lab File: BN016252.D
Acq: 09 Sep 2021 11:01

Tgt Ion:228 Resp: 1134515

Ion	Ratio	Lower	Upper
228	100		
226	25.2	20.8	31.2
229	20.0	15.8	23.6



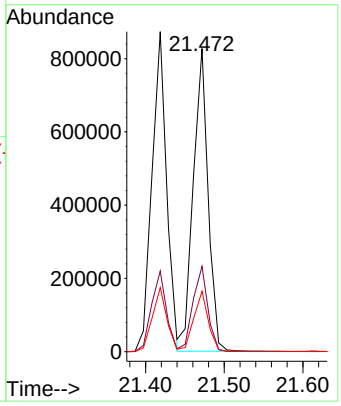
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

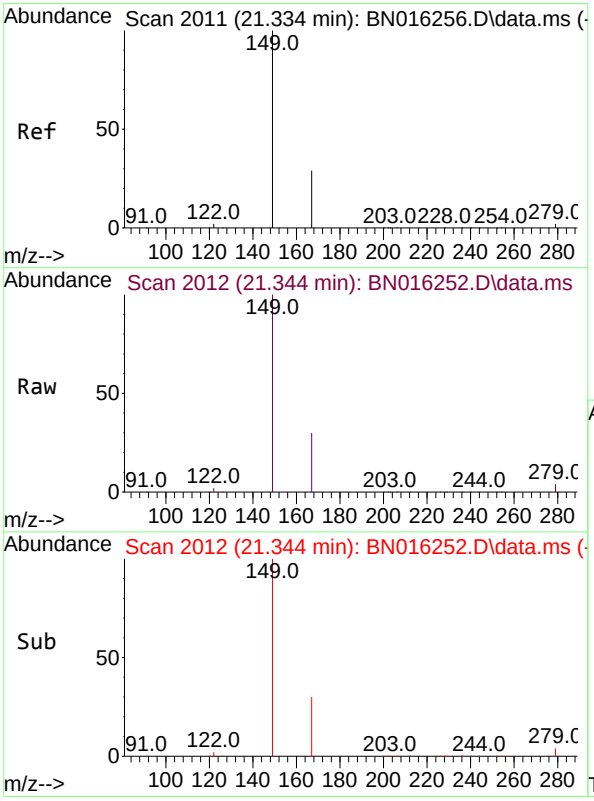


#33
Chrysene
Concen: 4.906 ng
RT: 21.472 min Scan# 2024
Delta R.T. 0.011 min
Lab File: BN016252.D
Acq: 09 Sep 2021 11:01

Tgt Ion:228 Resp: 1079858

Ion	Ratio	Lower	Upper
228	100		
226	28.1	23.0	34.4
229	20.0	15.6	23.4

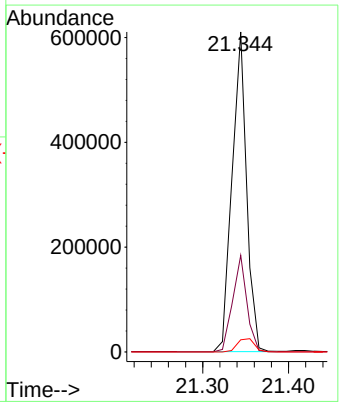


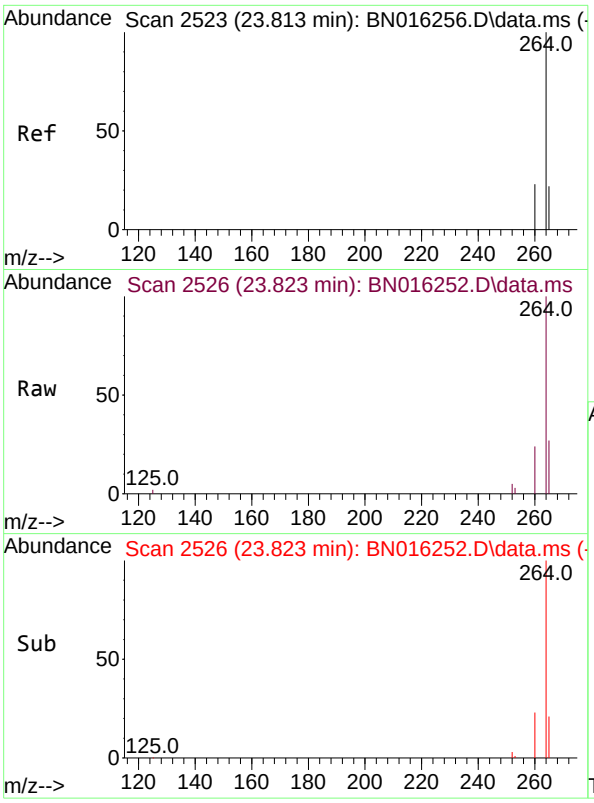


#34
Bis(2-ethylhexyl)phthalate
Concen: 4.684 ng
RT: 21.344 min Scan# 2012
Delta R.T. 0.011 min
Lab File: BN016252.D
Acq: 09 Sep 2021 11:01

Tgt Ion:149 Resp: 714312

Ion	Ratio	Lower	Upper
149	100		
167	29.6	23.4	35.0
279	4.9	3.9	5.9

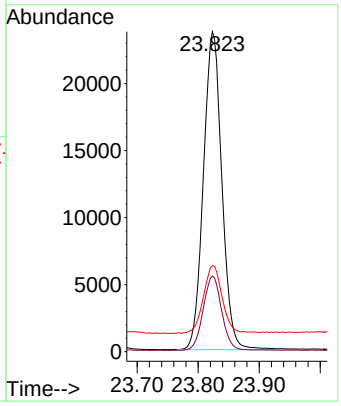


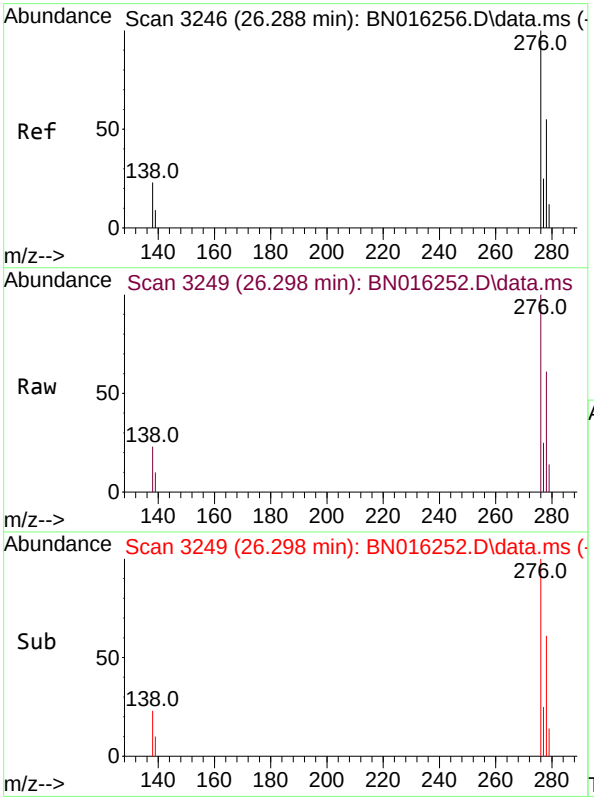


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.823 min Scan# 2526
Delta R.T. 0.010 min
Lab File: BN016252.D
Acq: 09 Sep 2021 11:01

Tgt Ion:264 Resp: 49844

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.9	28.3
265	26.9	23.7	35.5

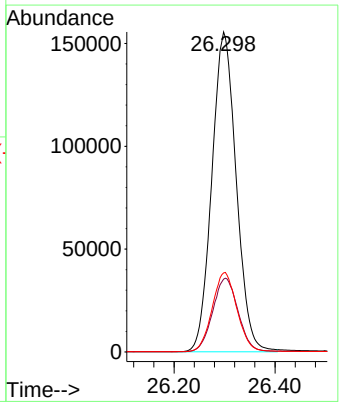




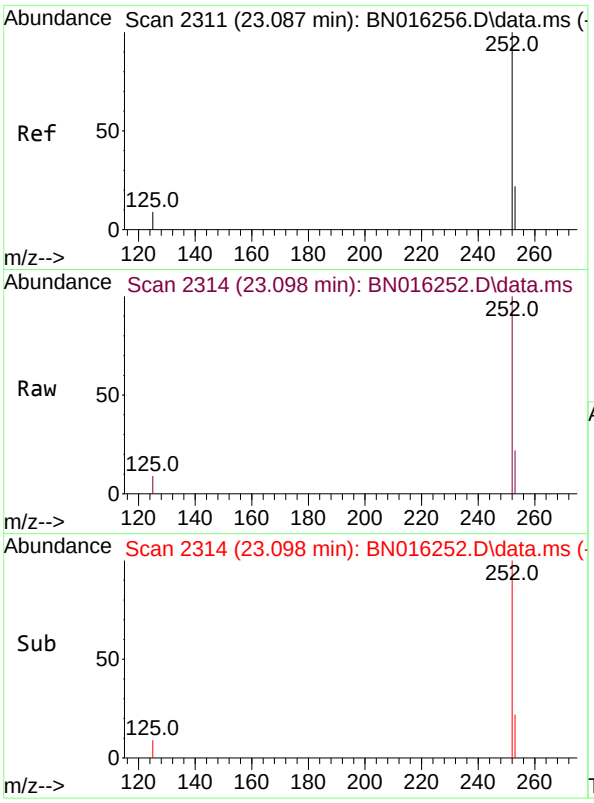
#36
Indeno(1,2,3-cd)pyrene
Concen: 3.754 ng
RT: 26.298 min Scan# 3249
Delta R.T. 0.010 min
Lab File: BN016252.D
Acq: 09 Sep 2021 11:01

Tgt Ion:276 Resp: 520452

Ion	Ratio	Lower	Upper
276	100		
138	23.9	19.3	28.9
277	25.2	20.2	30.2



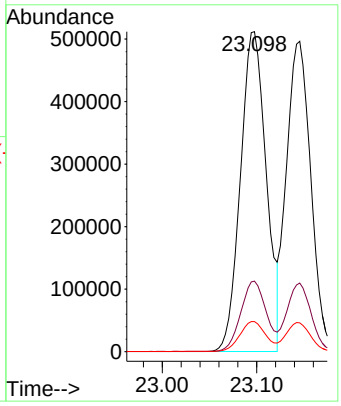
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0



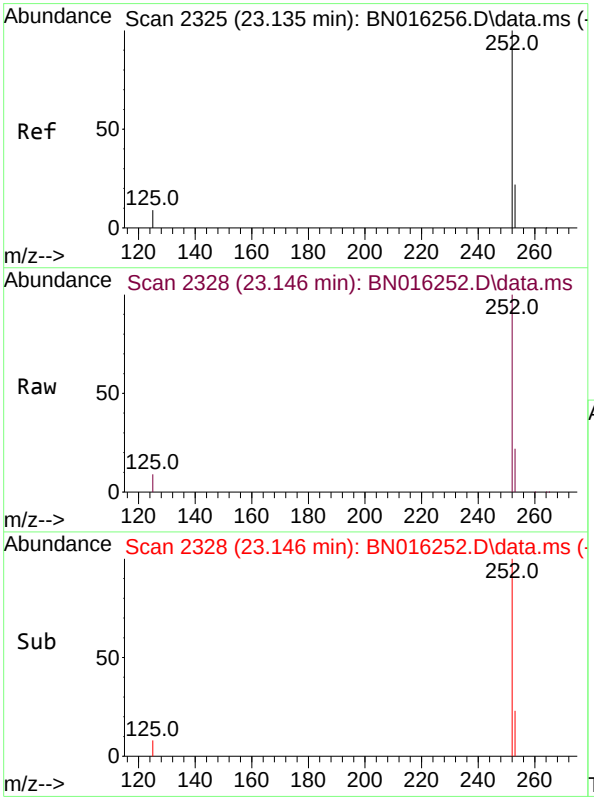
#37
Benzo(b)fluoranthene
Concen: 5.719 ng
RT: 23.098 min Scan# 2314
Delta R.T. 0.010 min
Lab File: BN016252.D
Acq: 09 Sep 2021 11:01

Tgt Ion:252 Resp: 973319

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.2
125	9.4	8.4	12.6



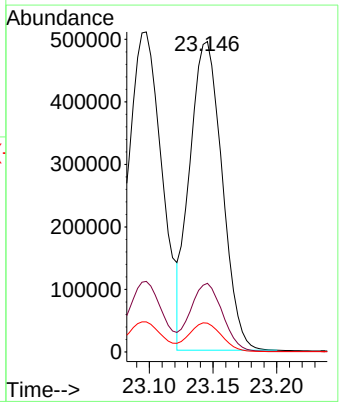
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0



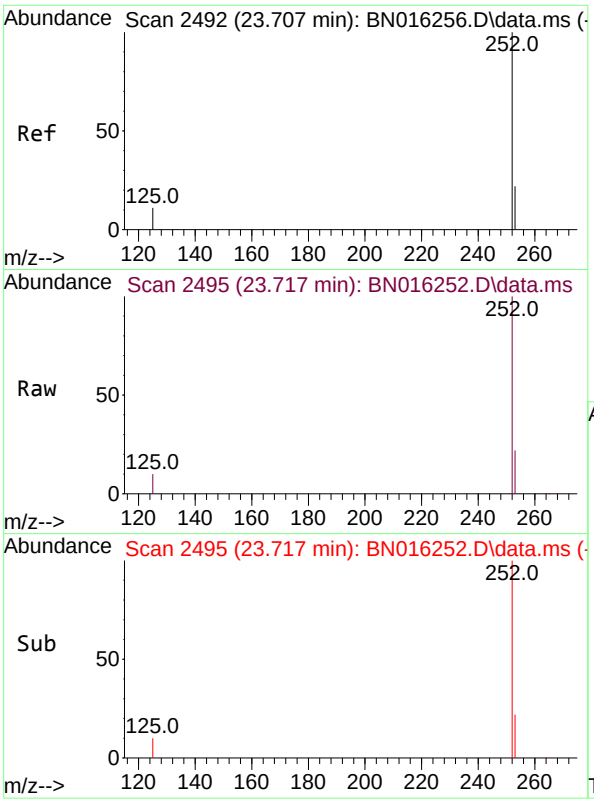
#38
Benzo(k)fluoranthene
Concen: 5.619 ng
RT: 23.146 min Scan# 2328
Delta R.T. 0.010 min
Lab File: BN016252.D
Acq: 09 Sep 2021 11:01

Tgt Ion:252 Resp: 875719

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.2
125	9.3	8.2	12.4



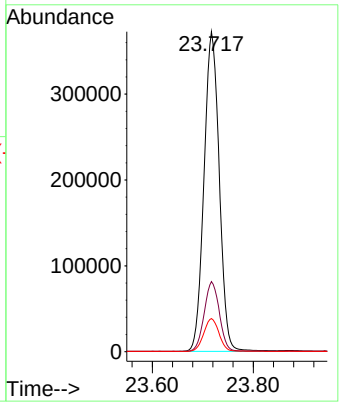
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

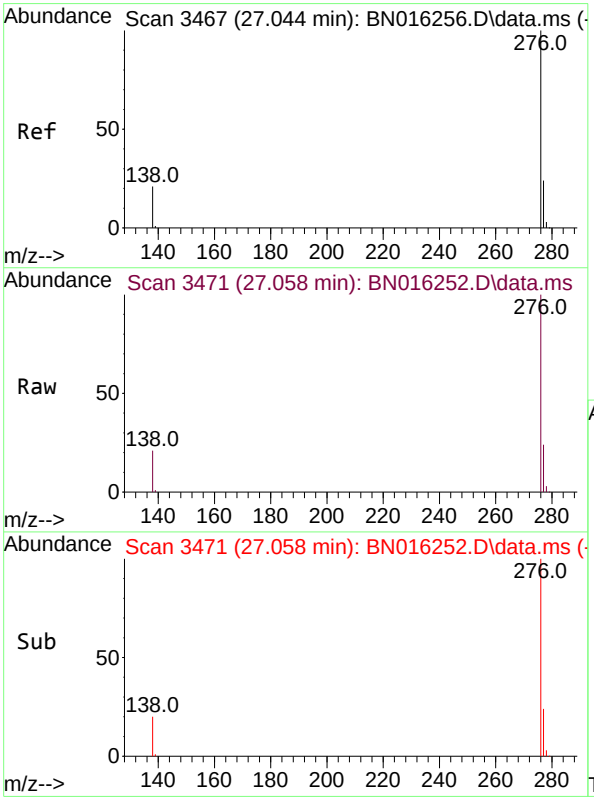


#39
Benzo(a)pyrene
Concen: 5.156 ng
RT: 23.717 min Scan# 2495
Delta R.T. 0.010 min
Lab File: BN016252.D
Acq: 09 Sep 2021 11:01

Tgt Ion:252 Resp: 778902

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.7	28.1
125	10.3	9.9	14.9





#41
Benzo(g,h,i)perylene
Concen: 3.517 ng
RT: 27.058 min Scan# 3471
Delta R.T. 0.014 min
Lab File: BN016252.D
Acq: 09 Sep 2021 11:01

Tgt Ion:276 Resp: 409623

Ion	Ratio	Lower	Upper
276	100		
277	24.0	20.5	30.7
138	20.6	18.2	27.4