Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082521\
Data File : BN016030.D
Acq On : 24 Aug 2021 13:36
Operator : CG/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC5.0

Quant Time: Aug 24 14:05:41 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 24 11:43:13 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.882	152	9931	0.400	ng		0.00
7) Naphthalene-d8	10.685	136	46176	0.400	ng		0.00
13) Acenaphthene-d10	14.510	164	25293	0.400	ng		0.00
19) Phenanthrene-d10	17.249	188	47596	0.400	ng		0.00
29) Chrysene-d12	21.450	240	49098	0.400	ng	#	0.01
35) Perylene-d12	23.844	264	46820	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.457	112	117172	4.536	ng		0.00
5) Phenol-d6	7.052	99	165724	4.572	ng		0.00
8) Nitrobenzene-d5	9.038	82	192166	4.206	ng		0.00
11) 2-Methylnaphthalene-d10	12.265	152	349142	5.128	ng		0.00
14) 2,4,6-Tribromophenol	15.994	330	54354	6.023	ng		0.00
15) 2-Fluorobiphenyl	13.140	172	439895	3.828	ng		0.00
27) Fluoranthene-d10	19.286	212	711029	5.145	ng		0.00
31) Terphenyl-d14	19.882	244	588950	5.193	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.392	88	25760	6.107	ng		92
3) n-Nitrosodimethylamine	3.724	42	48911	7.042	ng	#	93
6) bis(2-Chloroethyl)ether	7.310	93	124853	4.125	ng		99
9) Naphthalene	10.724	128	568487	4.451	ng		99
10) Hexachlorobutadiene	11.015	225	129897	4.743	ng	#	99
12) 2-Methylnaphthalene	12.341	142	369742	4.614	ng		99
16) Acenaphthylene	14.231	152	531301	4.425	ng		99
17) Acenaphthene	14.573	154	343463	4.384	ng		96
18) Fluorene	15.550	166	417225	4.399	ng		99
20) 4,6-Dinitro-2-methylph...	15.639	198	34158	8.668	ng	#	67
21) 4-Bromophenyl-phenylether	16.446	248	120894	4.318	ng		99
22) Hexachlorobenzene	16.567	284	155514	4.243	ng		99
23) Atrazine	16.713	200	109625	7.603	ng		99
24) Pentachlorophenol	16.908	266	66287	7.692	ng		100
25) Phenanthrene	17.297	178	633814	4.226	ng		99
26) Anthracene	17.383	178	602786	4.723	ng		99
28) Fluoranthene	19.316	202	727798	4.273	ng		100
30) Pyrene	19.678	202	747557	5.016	ng		100
32) Benzo(a)anthracene	21.429	228	784414	5.017	ng		100
33) Chrysene	21.482	228	735822	4.491	ng		98
34) Bis(2-ethylhexyl)phtha...	21.355	149	312181	5.969	ng		99
36) Indeno(1,2,3-cd)pyrene	26.325	276	844613	4.162	ng		99
37) Benzo(b)fluoranthene	23.115	252	786828	4.427	ng	#	95
38) Benzo(k)fluoranthene	23.163	252	721212	4.289	ng		98
39) Benzo(a)pyrene	23.738	252	710953	4.488	ng	#	90
40) Dibenzo(a,h)anthracene	26.343	278	704154	4.180	ng		98
41) Benzo(g,h,i)perylene	27.089	276	730885	4.317	ng		99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082521\
Data File : BN016030.D
Acq On : 24 Aug 2021 13:36
Operator : CG/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 24 11:43:13 2021
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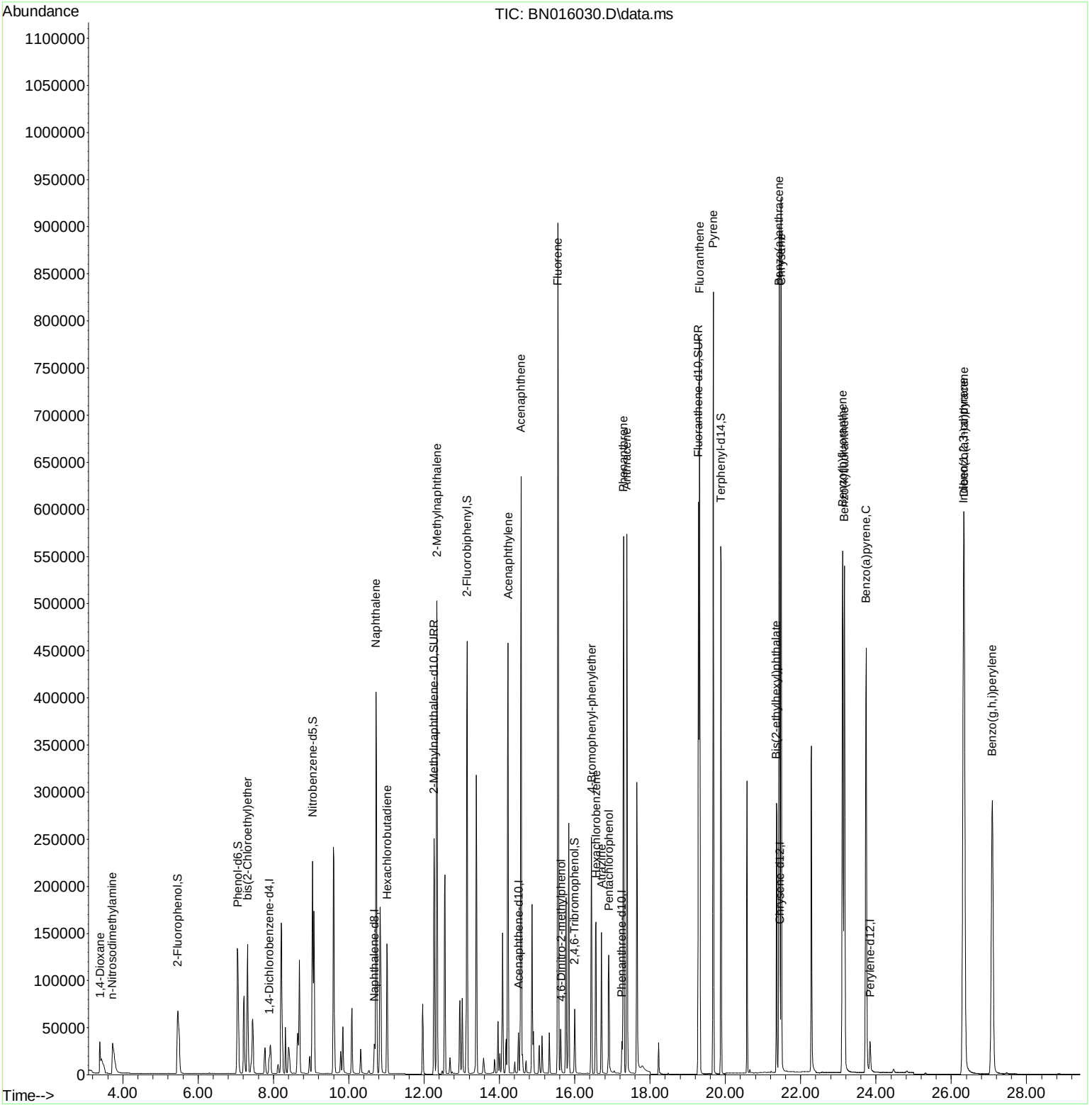
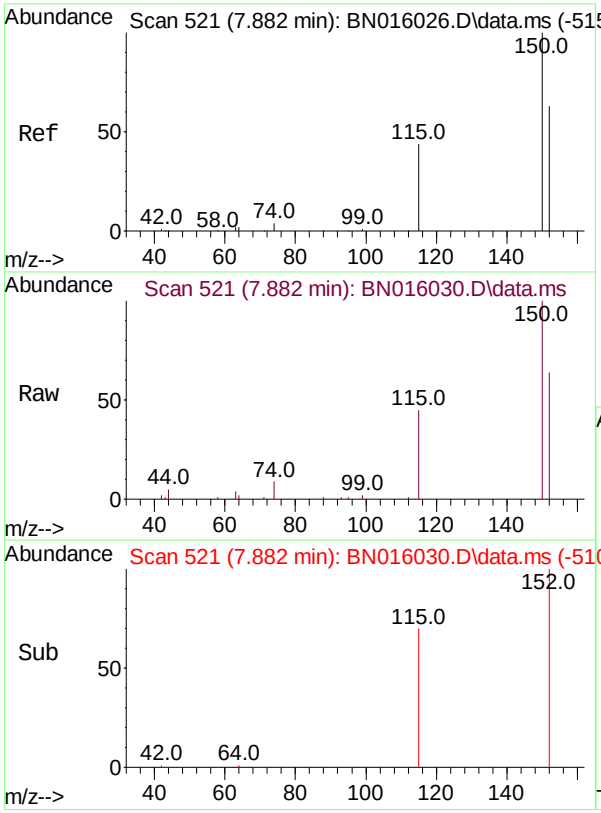


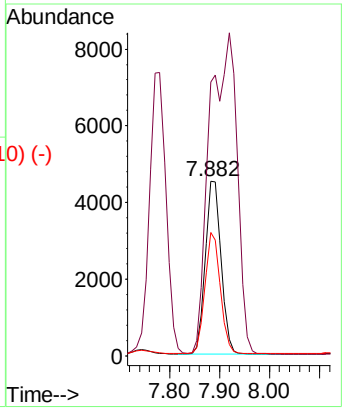
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

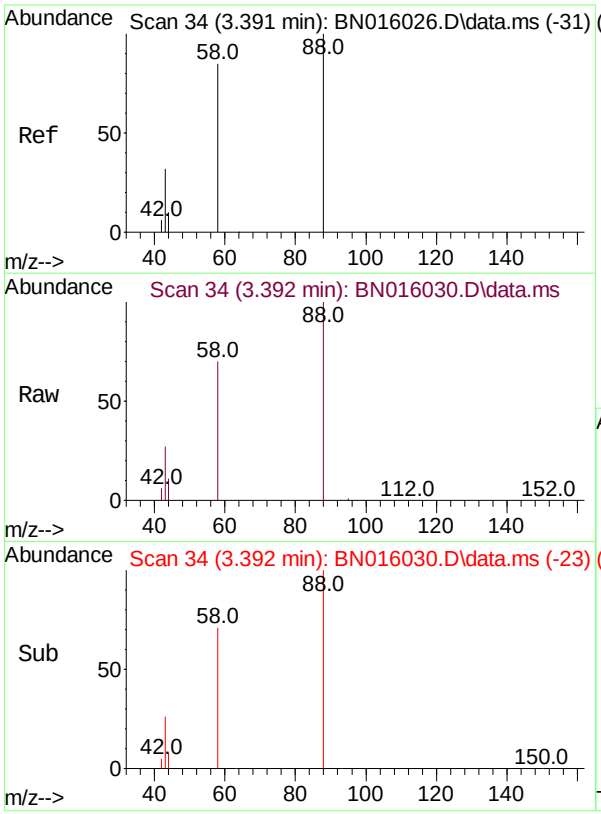


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.882 min Scan# 521
Delta R.T. 0.000 min
Lab File: BN016030.D
Acq: 24 Aug 2021 13:36

Tgt Ion:152 Resp: 9931

Ion	Ratio	Lower	Upper
152	100		
150	156.8	126.5	189.7
115	70.8	56.5	84.7

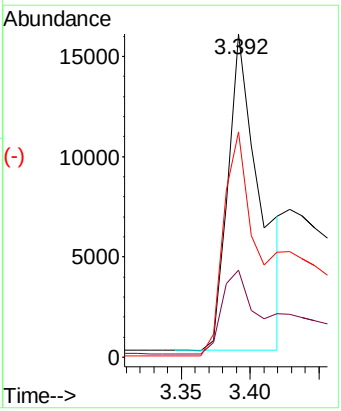




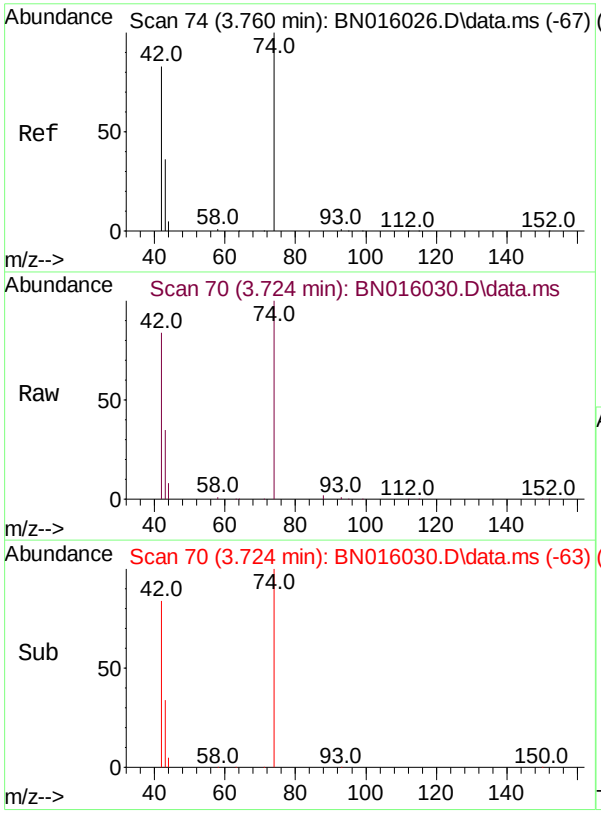
#2
1,4-Dioxane
Concen: 6.107 ng
RT: 3.392 min Scan# 34
Delta R.T. 0.001 min
Lab File: BN016030.D
Acq: 24 Aug 2021 13:36

Tgt Ion: 88 Resp: 25760

Ion	Ratio	Lower	Upper
88	100		
43	26.1	21.0	31.4
58	77.9	54.8	82.2



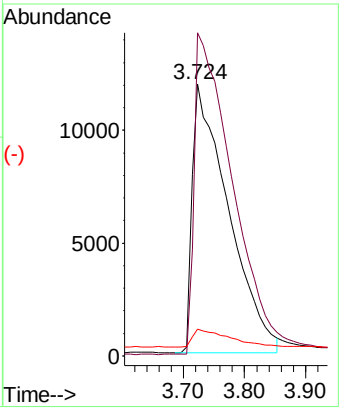
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

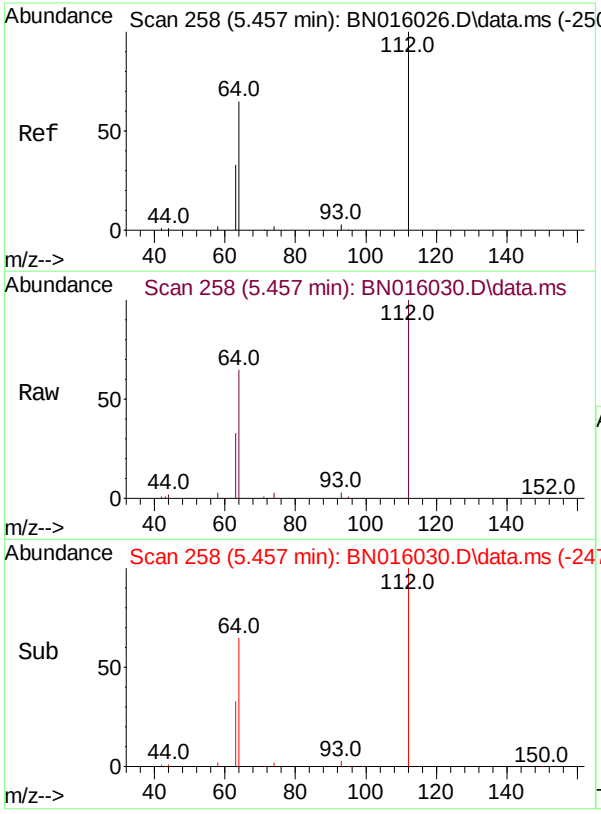


#3
n-Nitrosodimethylamine
Concen: 7.042 ng
RT: 3.724 min Scan# 70
Delta R.T. -0.037 min
Lab File: BN016030.D
Acq: 24 Aug 2021 13:36

Tgt Ion: 42 Resp: 48911

Ion	Ratio	Lower	Upper
42	100		
74	125.3	93.8	140.8
44	6.6	7.7	11.5#

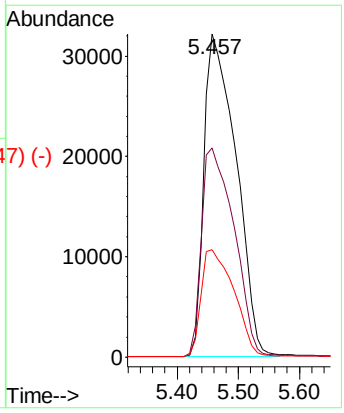




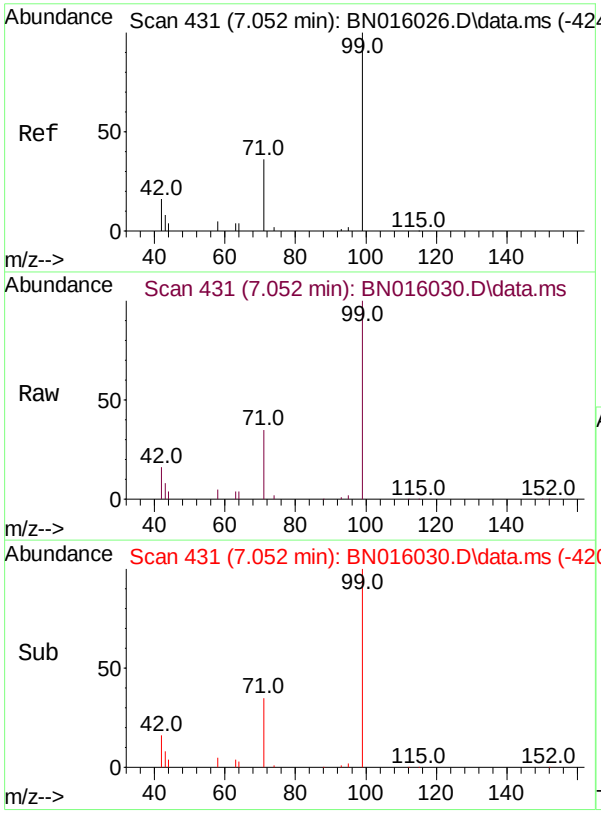
#4
2-Fluorophenol
Concen: 4.536 ng
RT: 5.457 min Scan# 258
Delta R.T. 0.000 min
Lab File: BN016030.D
Acq: 24 Aug 2021 13:36

Tgt Ion:112 Resp: 117172

Ion	Ratio	Lower	Upper
112	100		
64	65.9	52.5	78.7
63	33.9	26.9	40.3



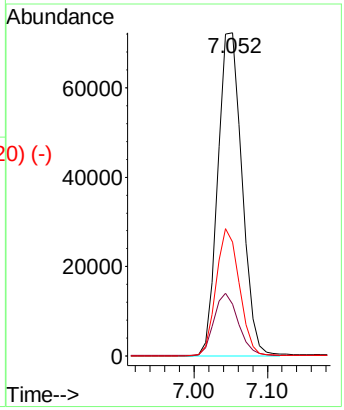
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

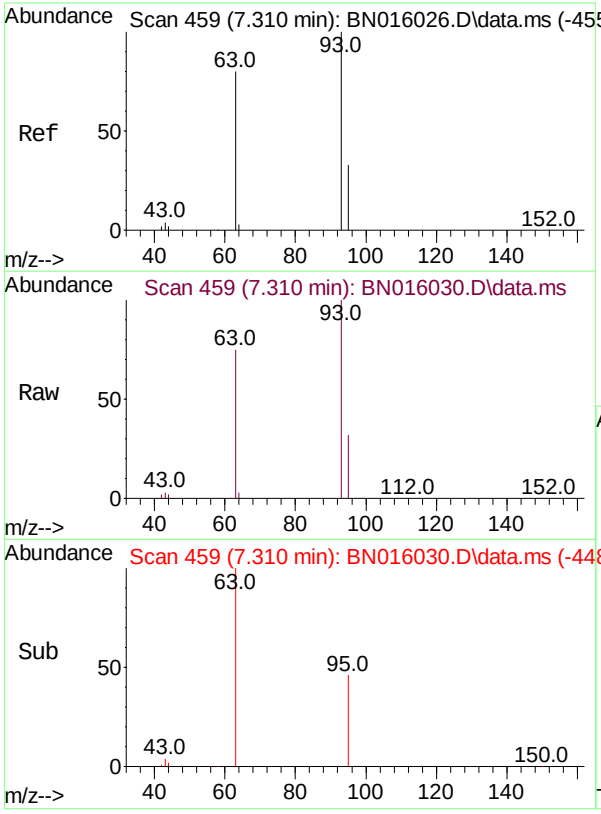


#5
Phenol-d6
Concen: 4.572 ng
RT: 7.052 min Scan# 431
Delta R.T. 0.000 min
Lab File: BN016030.D
Acq: 24 Aug 2021 13:36

Tgt Ion: 99 Resp: 165724

Ion	Ratio	Lower	Upper
99	100		
42	19.4	15.6	23.4
71	37.9	29.8	44.8

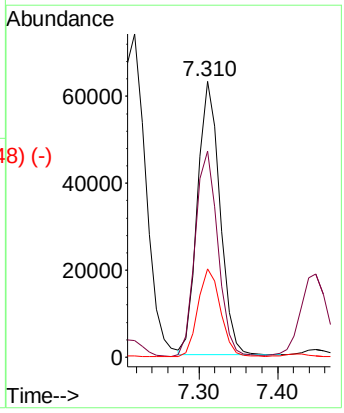




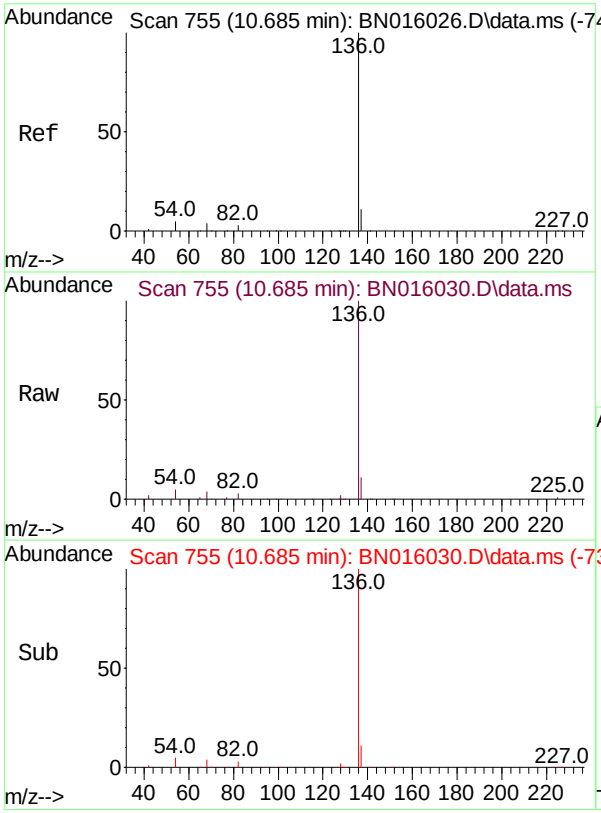
#6
bis(2-Chloroethyl)ether
Concen: 4.125 ng
RT: 7.310 min Scan# 459
Delta R.T. 0.000 min
Lab File: BN016030.D
Acq: 24 Aug 2021 13:36

Tgt Ion: 93 Resp: 124853

Ion	Ratio	Lower	Upper
93	100		
63	76.0	62.0	93.0
95	32.4	26.2	39.4



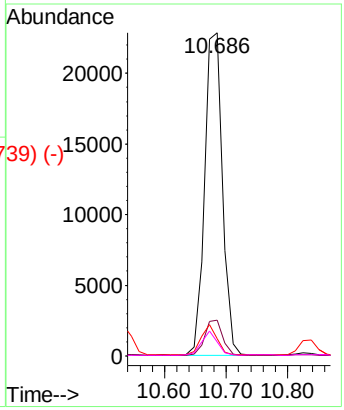
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

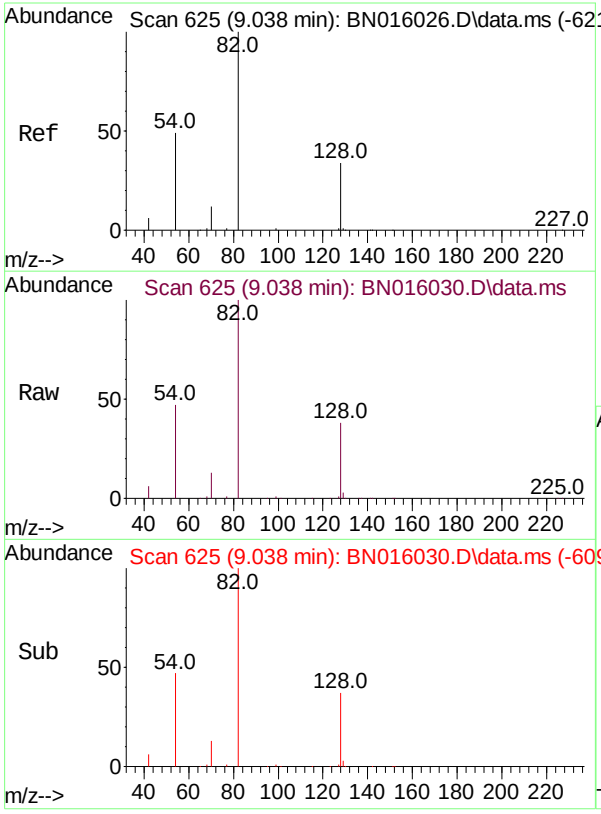


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.685 min Scan# 755
Delta R.T. 0.000 min
Lab File: BN016030.D
Acq: 24 Aug 2021 13:36

Tgt Ion:136 Resp: 46176

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	5.2	4.2	6.4
68	4.3	3.4	5.2

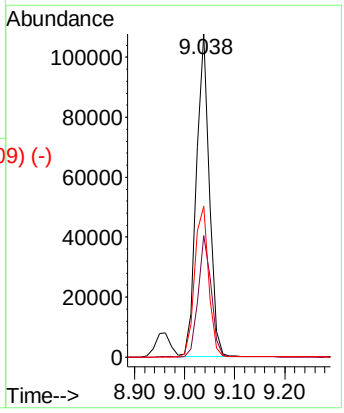




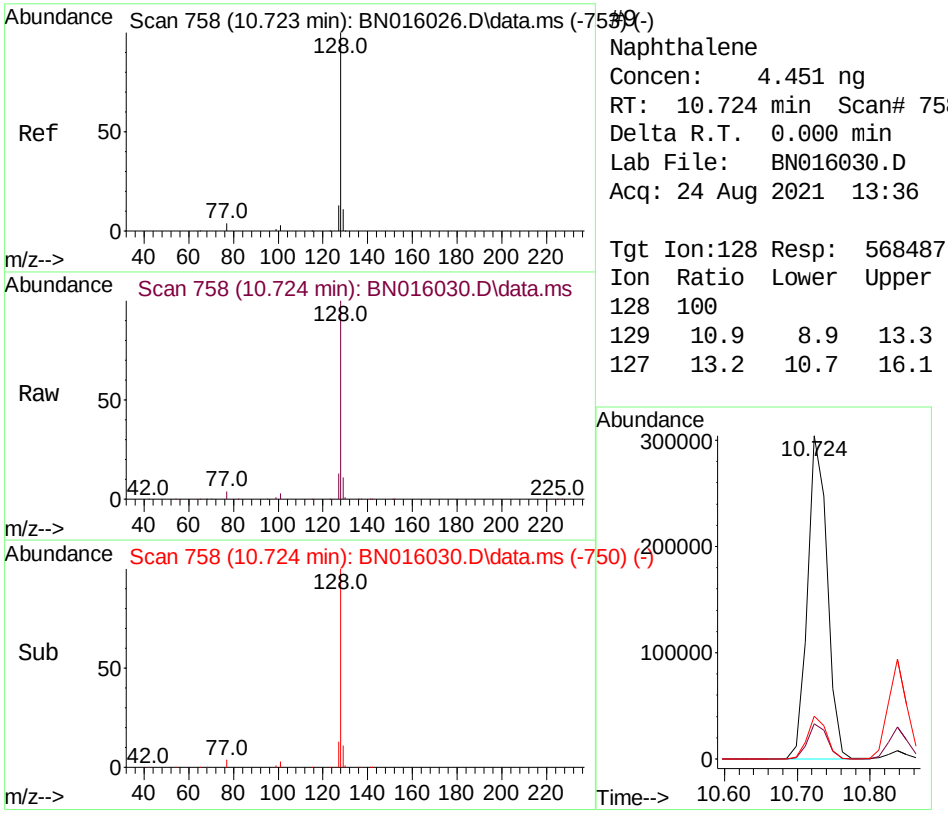
#8
Nitrobenzene-d5
Concen: 4.206 ng
RT: 9.038 min Scan# 625
Delta R.T. 0.000 min
Lab File: BN016030.D
Acq: 24 Aug 2021 13:36

Tgt Ion: 82 Resp: 192166

Ion	Ratio	Lower	Upper
82	100		
128	37.5	27.7	41.5
54	46.6	39.4	59.2



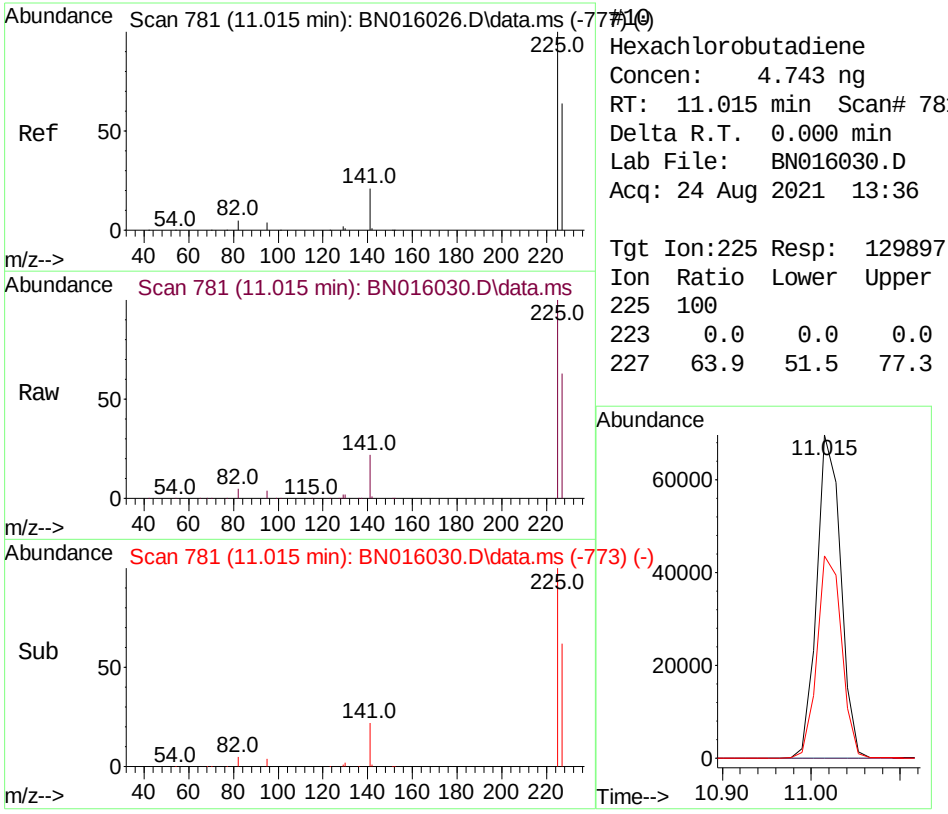
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0



#9
Naphthalene
Concen: 4.451 ng
RT: 10.724 min Scan# 758
Delta R.T. 0.000 min
Lab File: BN016030.D
Acq: 24 Aug 2021 13:36

Tgt Ion:128 Resp: 568487

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.9	13.3
127	13.2	10.7	16.1

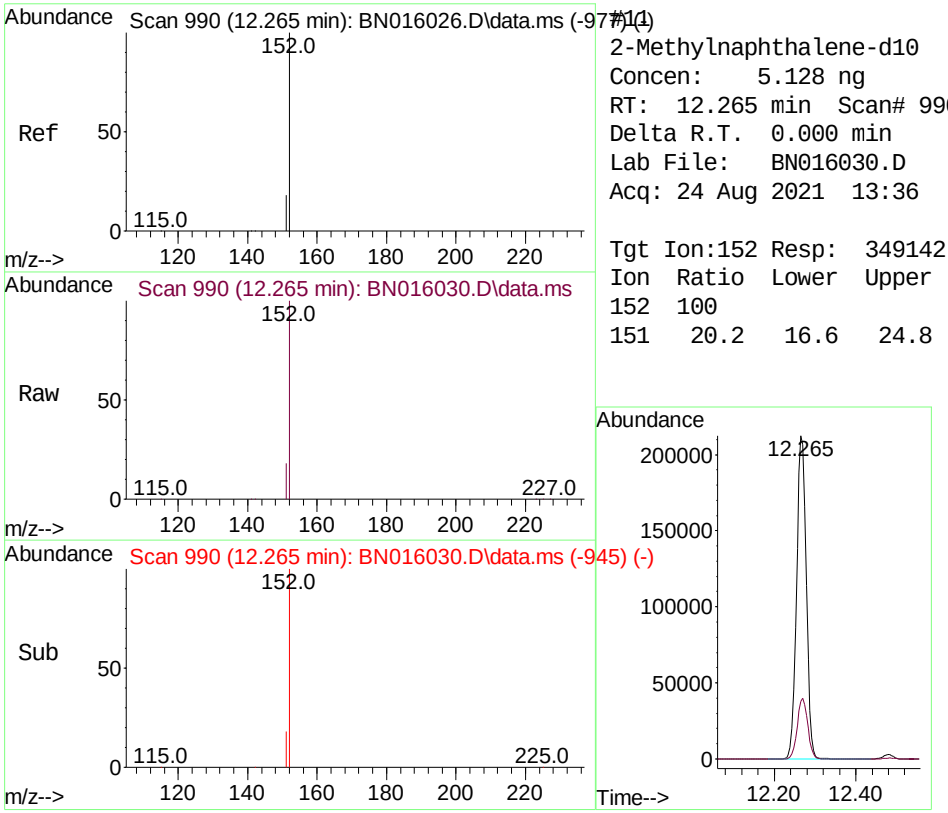


#10
Hexachlorobutadiene
Concen: 4.743 ng
RT: 11.015 min Scan# 781
Delta R.T. 0.000 min
Lab File: BN016030.D
Acq: 24 Aug 2021 13:36

Tgt Ion:225 Resp: 129897

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.9	51.5	77.3

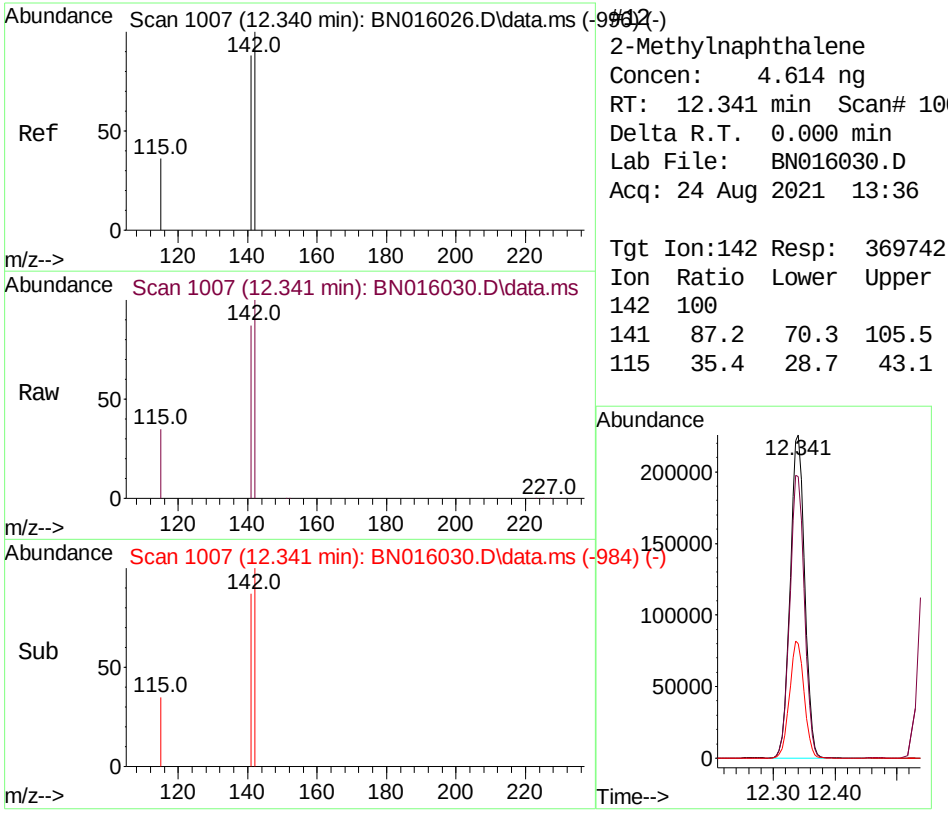
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0



#11
2-Methylnaphthalene-d10
Concen: 5.128 ng
RT: 12.265 min Scan# 990
Delta R.T. 0.000 min
Lab File: BN016030.D
Acq: 24 Aug 2021 13:36

Tgt Ion:152 Resp: 349142

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.6	24.8

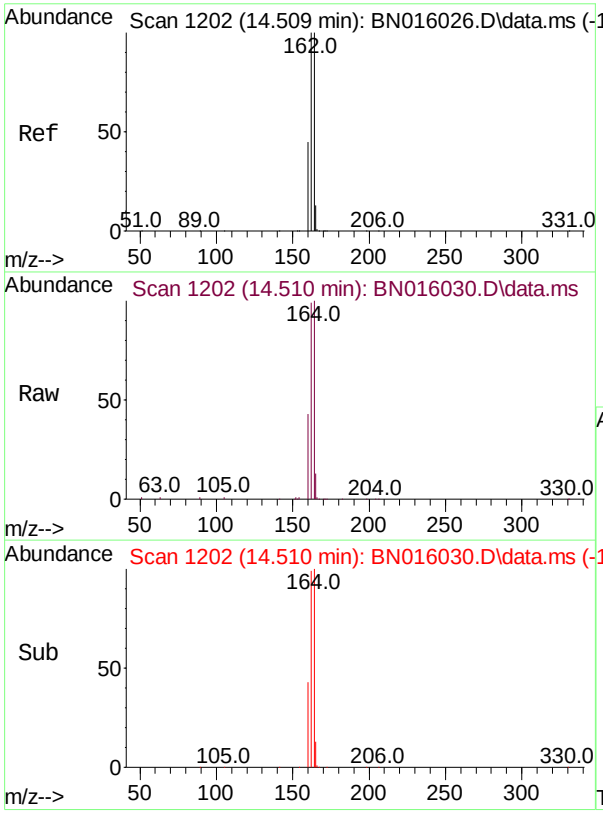


#12
2-Methylnaphthalene
Concen: 4.614 ng
RT: 12.341 min Scan# 1007
Delta R.T. 0.000 min
Lab File: BN016030.D
Acq: 24 Aug 2021 13:36

Tgt Ion:142 Resp: 369742

Ion	Ratio	Lower	Upper
142	100		
141	87.2	70.3	105.5
115	35.4	28.7	43.1

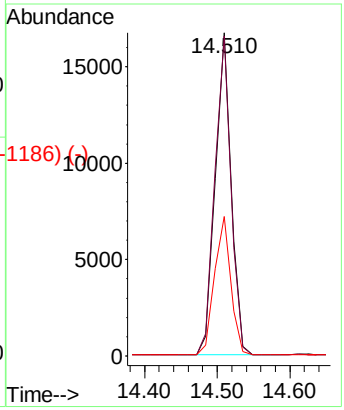
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

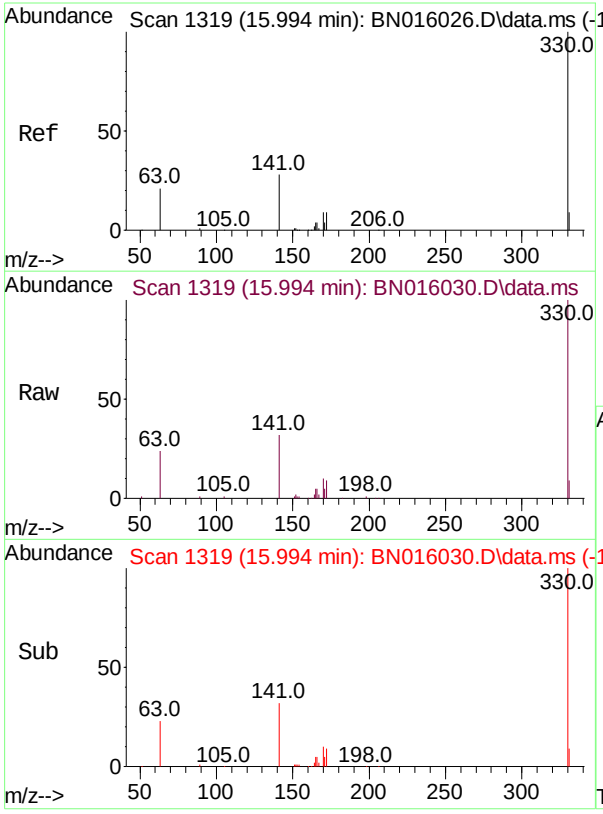


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.510 min Scan# 1202
Delta R.T. 0.000 min
Lab File: BN016030.D
Acq: 24 Aug 2021 13:36

Tgt Ion:164 Resp: 25293

Ion	Ratio	Lower	Upper
164	100		
162	99.0	80.2	120.4
160	43.2	35.9	53.9

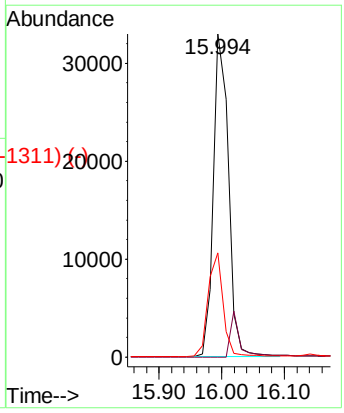




#14
2,4,6-Tribromophenol
Concen: 6.023 ng
RT: 15.994 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BN016030.D
Acq: 24 Aug 2021 13:36

Tgt Ion:330 Resp: 54354

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	31.9	24.6	36.8



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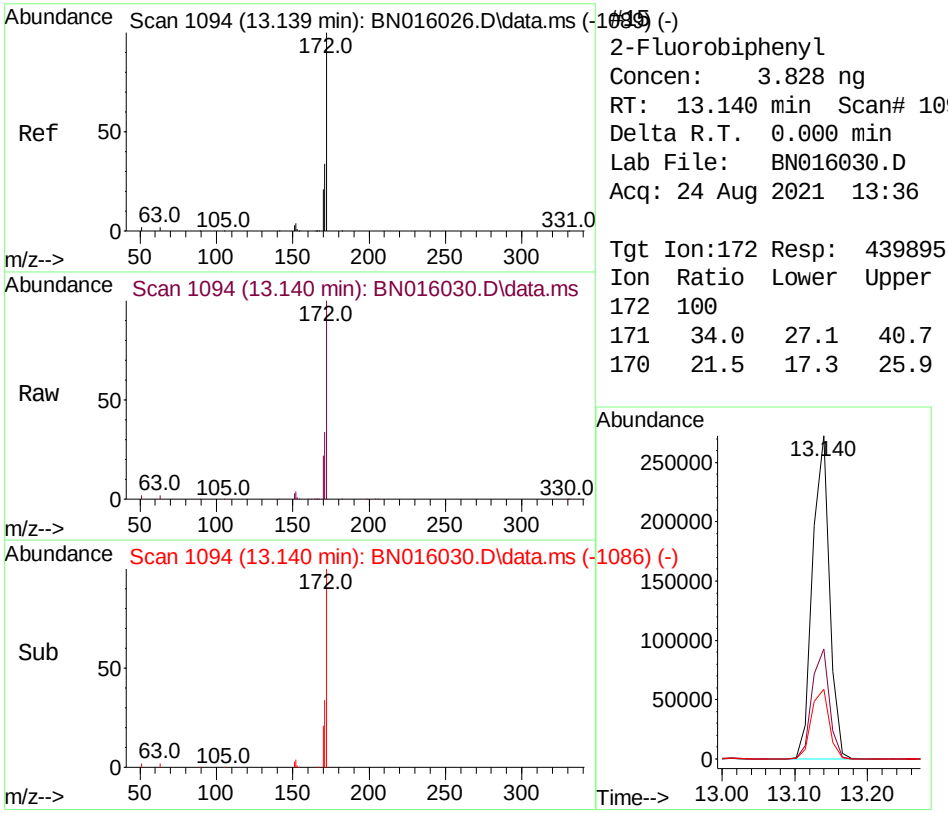
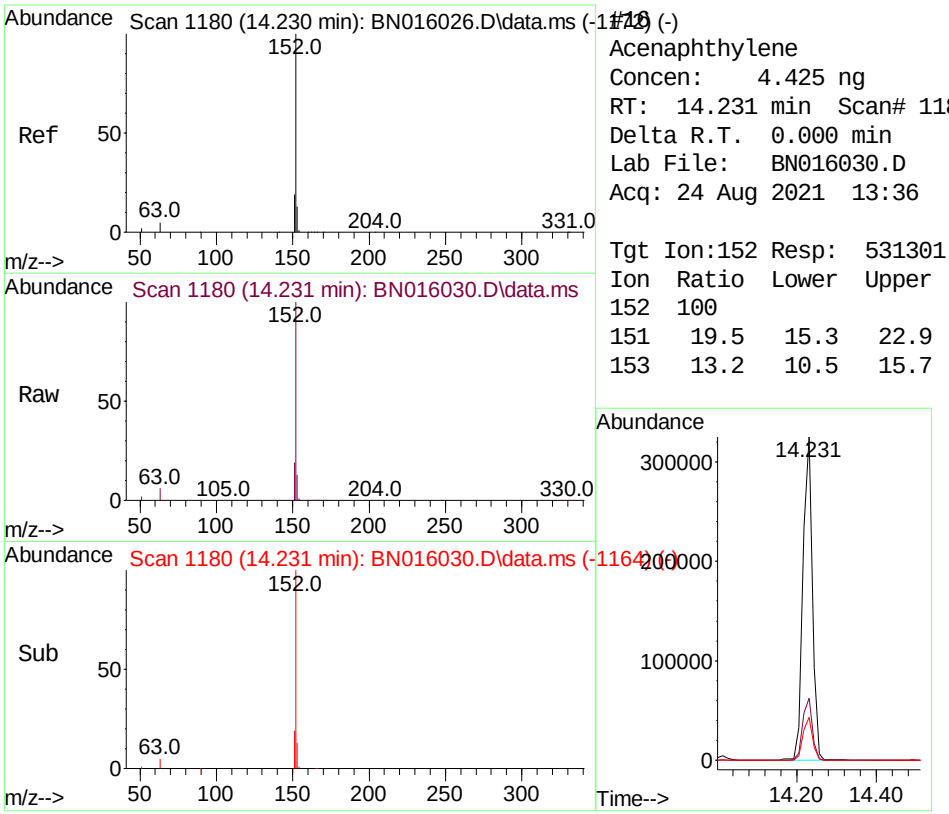


#15
2-Fluorobiphenyl
Concen: 3.828 ng
RT: 13.140 min Scan# 1094
Delta R.T. 0.000 min
Lab File: BN016030.D
Acq: 24 Aug 2021 13:36

Tgt Ion:172 Resp: 439895

Ion	Ratio	Lower	Upper
172	100		
171	34.0	27.1	40.7
170	21.5	17.3	25.9

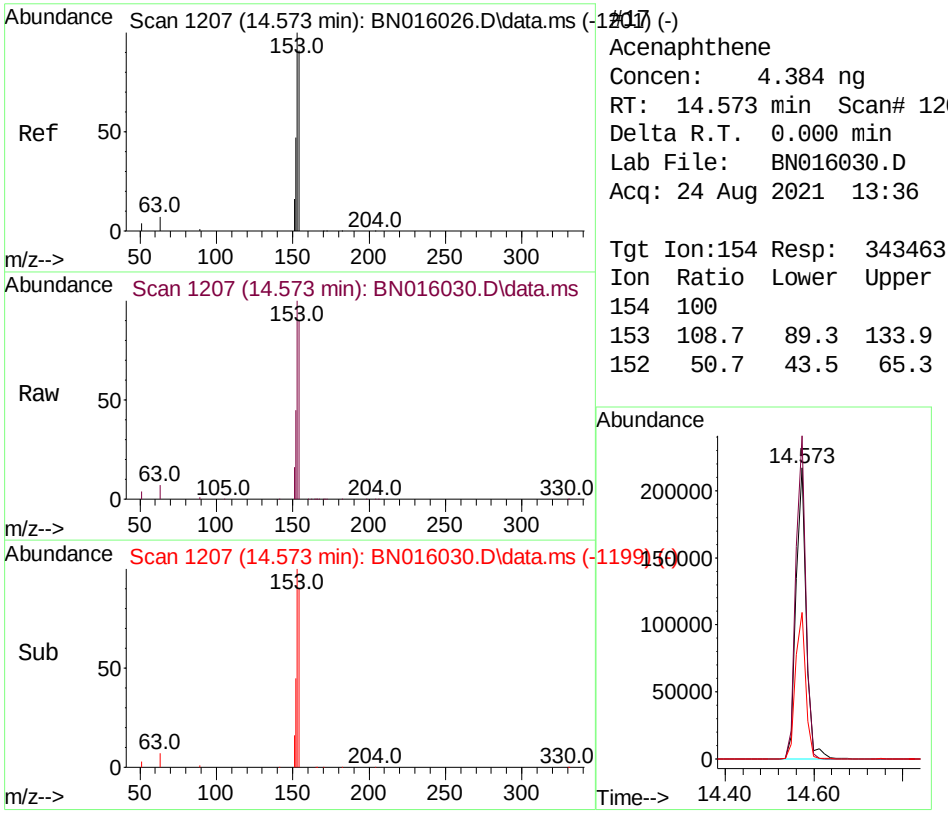


#16
Acenaphthylene
Concen: 4.425 ng
RT: 14.231 min Scan# 1180
Delta R.T. 0.000 min
Lab File: BN016030.D
Acq: 24 Aug 2021 13:36

Tgt Ion:152 Resp: 531301

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.3	22.9
153	13.2	10.5	15.7

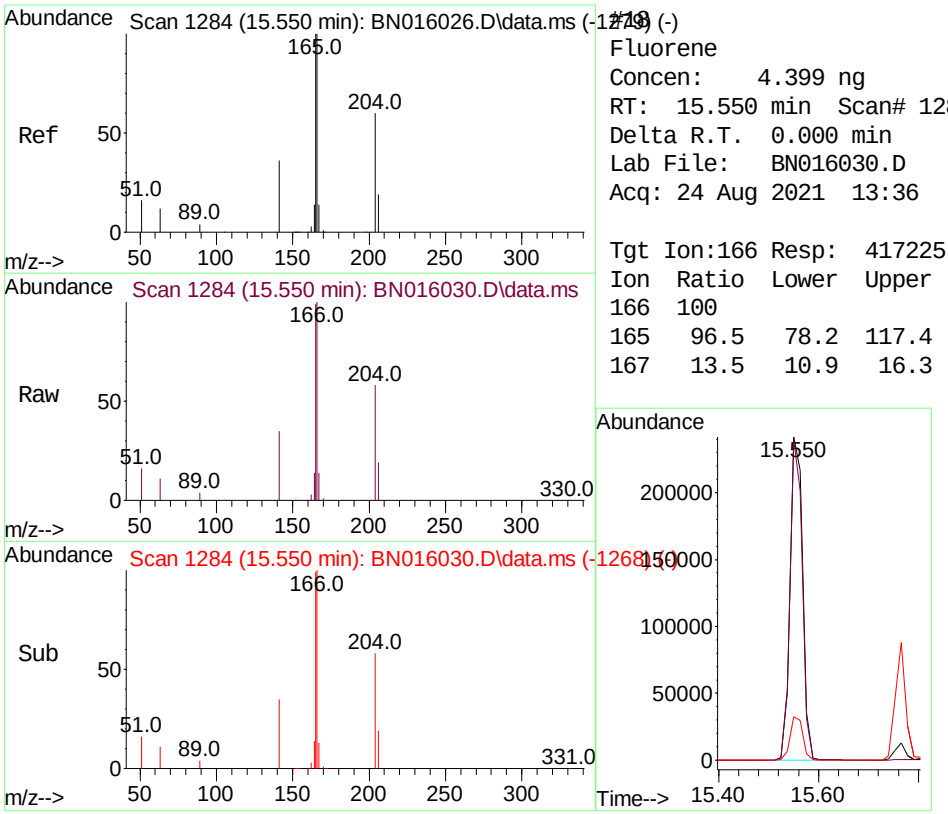
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0



#17
Acenaphthene
Concen: 4.384 ng
RT: 14.573 min Scan# 1207
Delta R.T. 0.000 min
Lab File: BN016030.D
Acq: 24 Aug 2021 13:36

Tgt Ion:154 Resp: 343463

Ion	Ratio	Lower	Upper
154	100		
153	108.7	89.3	133.9
152	50.7	43.5	65.3

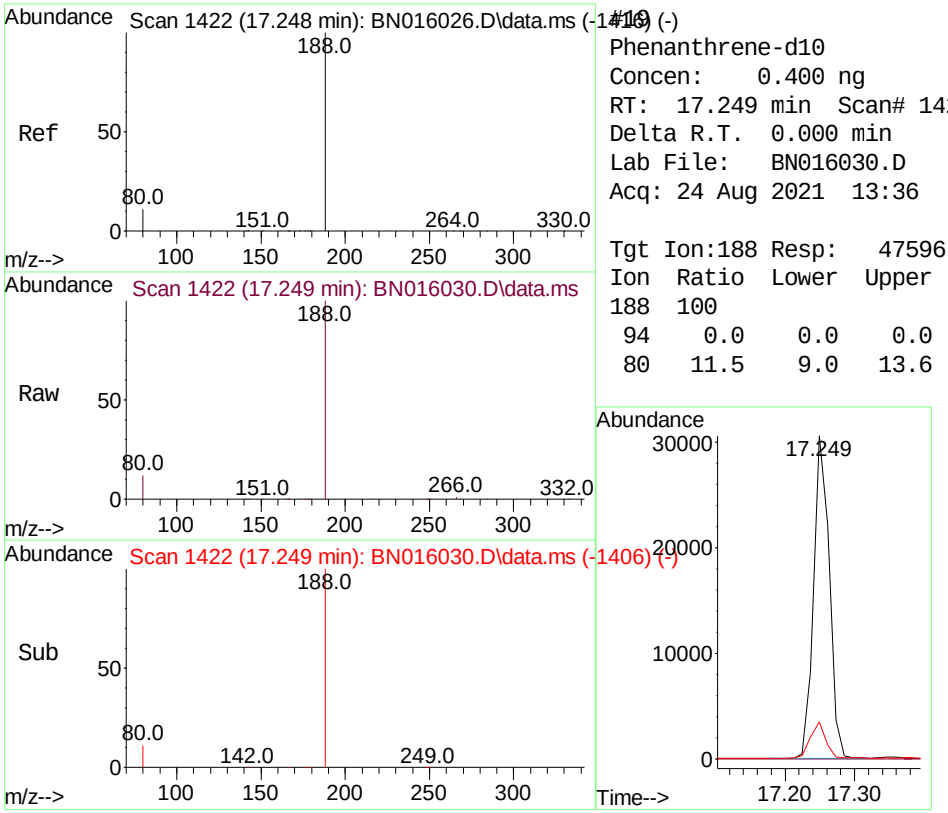


#18
Fluorene
Concen: 4.399 ng
RT: 15.550 min Scan# 1284
Delta R.T. 0.000 min
Lab File: BN016030.D
Acq: 24 Aug 2021 13:36

Tgt Ion:166 Resp: 417225

Ion	Ratio	Lower	Upper
166	100		
165	96.5	78.2	117.4
167	13.5	10.9	16.3

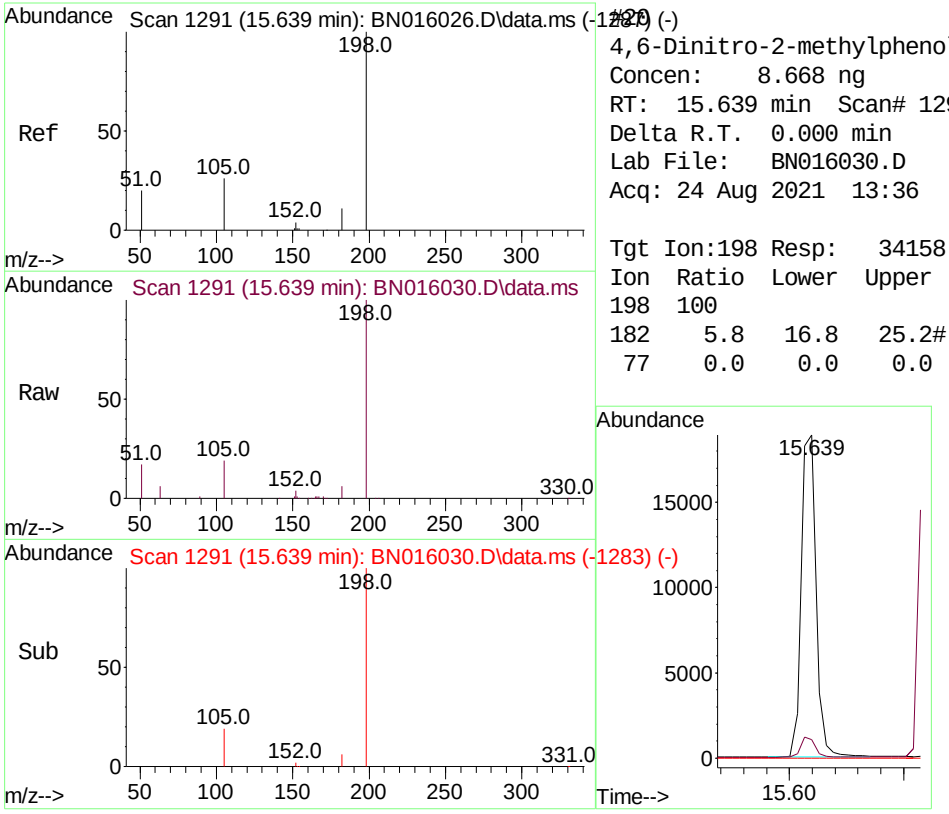
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.249 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BN016030.D
Acq: 24 Aug 2021 13:36

Tgt Ion:188 Resp: 47596

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.5	9.0	13.6

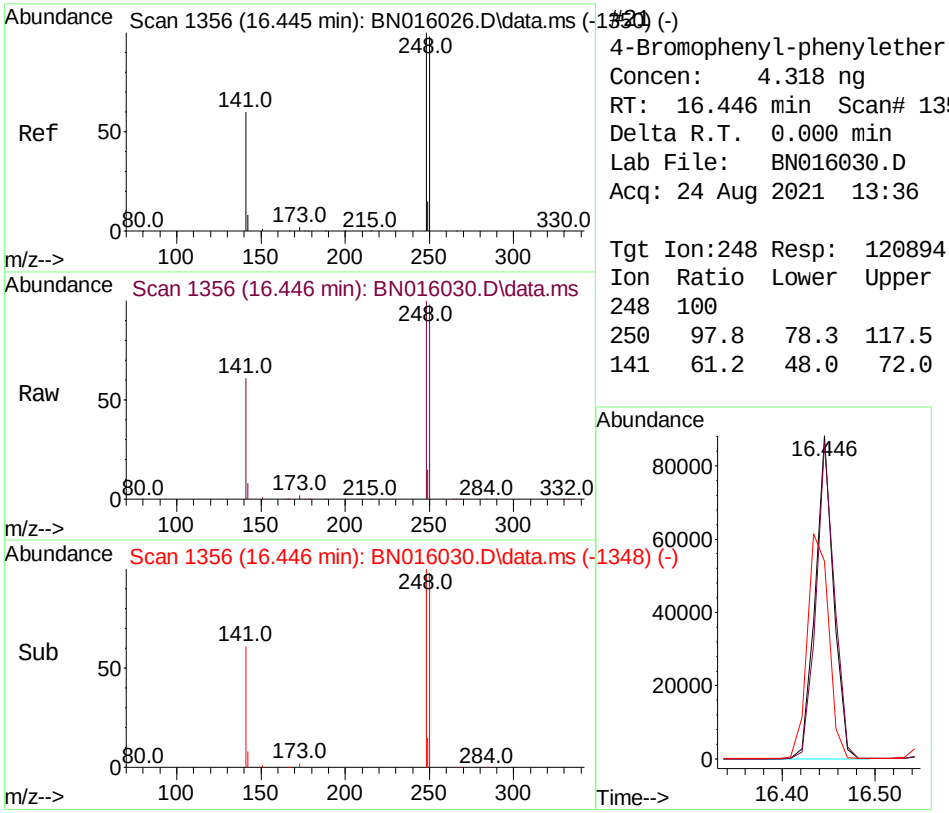


#20
4,6-Dinitro-2-methylphenol
Concen: 8.668 ng
RT: 15.639 min Scan# 1291
Delta R.T. 0.000 min
Lab File: BN016030.D
Acq: 24 Aug 2021 13:36

Tgt Ion:198 Resp: 34158

Ion	Ratio	Lower	Upper
198	100		
182	5.8	16.8	25.2#
77	0.0	0.0	0.0

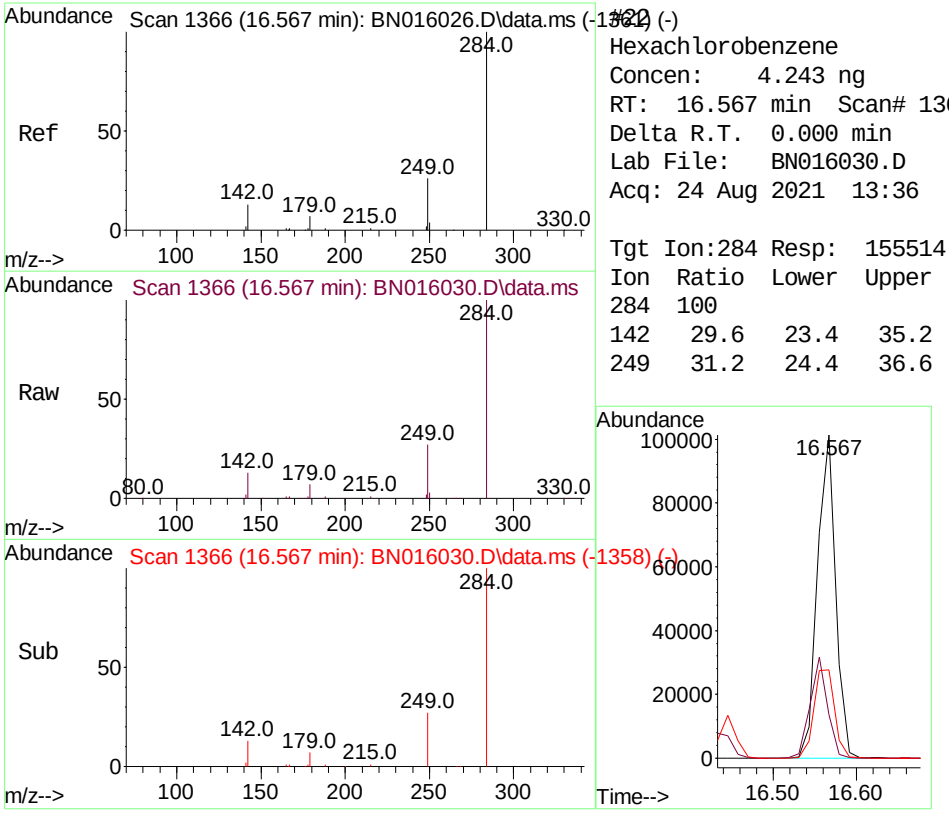
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0



#21
4-Bromophenyl-phenylether
Concen: 4.318 ng
RT: 16.446 min Scan# 1356
Delta R.T. 0.000 min
Lab File: BN016030.D
Acq: 24 Aug 2021 13:36

Tgt Ion:248 Resp: 120894

Ion	Ratio	Lower	Upper
248	100		
250	97.8	78.3	117.5
141	61.2	48.0	72.0

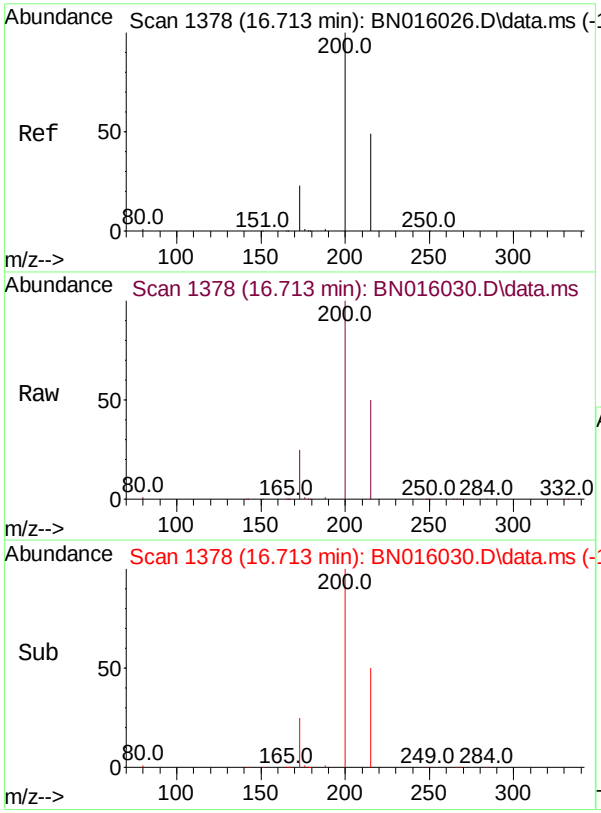


#22
Hexachlorobenzene
Concen: 4.243 ng
RT: 16.567 min Scan# 1366
Delta R.T. 0.000 min
Lab File: BN016030.D
Acq: 24 Aug 2021 13:36

Tgt Ion:284 Resp: 155514

Ion	Ratio	Lower	Upper
284	100		
142	29.6	23.4	35.2
249	31.2	24.4	36.6

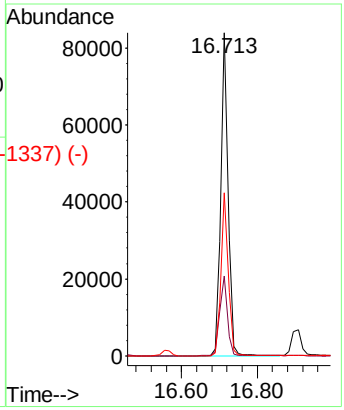
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

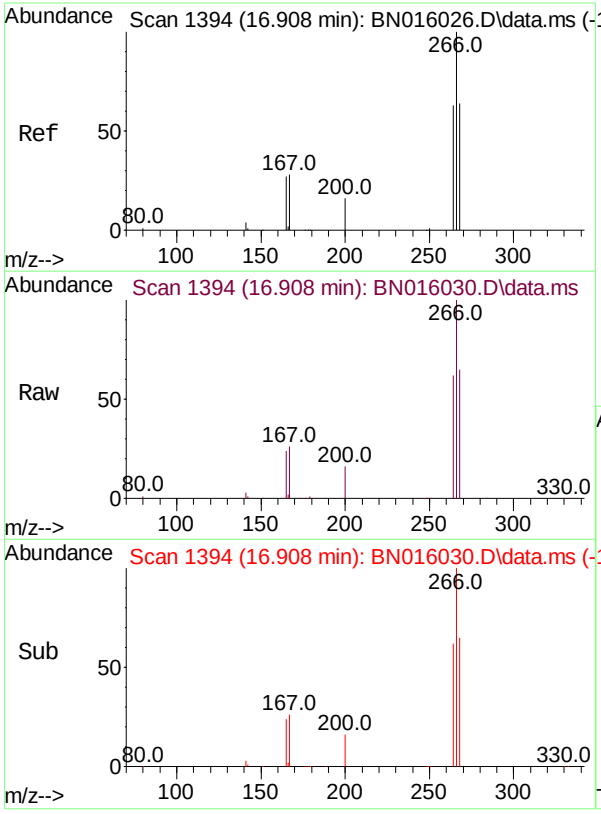


#22
Atrazine
Concen: 7.603 ng
RT: 16.713 min Scan# 1378
Delta R.T. 0.000 min
Lab File: BN016030.D
Acq: 24 Aug 2021 13:36

Tgt Ion:200 Resp: 109625

Ion	Ratio	Lower	Upper
200	100		
173	24.8	19.7	29.5
215	50.5	39.5	59.3

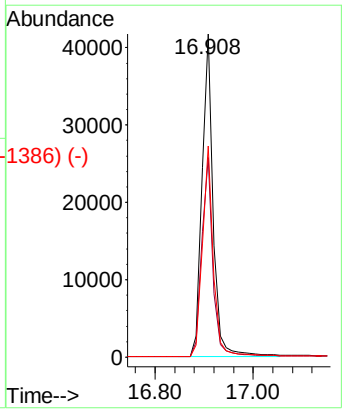




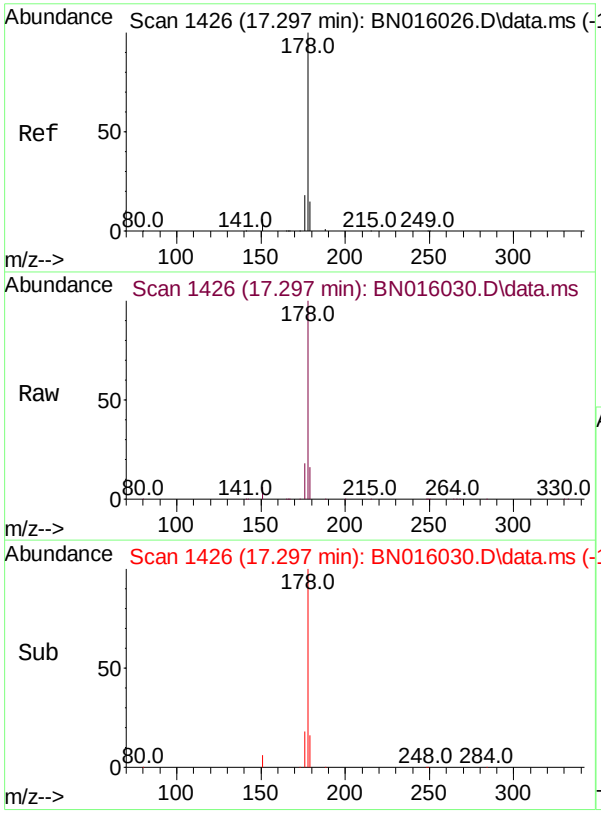
#24
Pentachlorophenol
Concen: 7.692 ng
RT: 16.908 min Scan# 1394
Delta R.T. 0.000 min
Lab File: BN016030.D
Acq: 24 Aug 2021 13:36

Tgt Ion:266 Resp: 66287

Ion	Ratio	Lower	Upper
266	100		
264	62.4	50.2	75.4
268	64.3	51.1	76.7



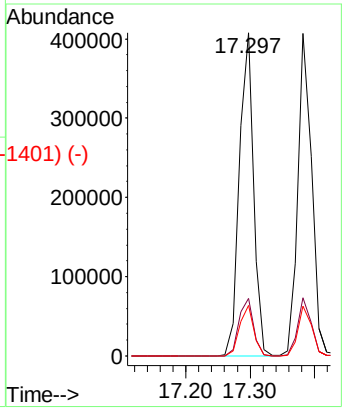
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

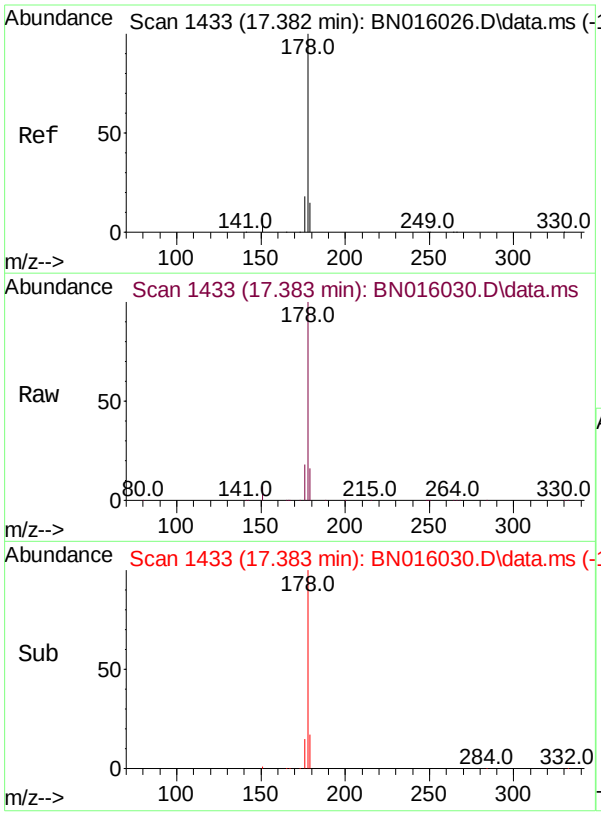


#25
Phenanthrene
Concen: 4.226 ng
RT: 17.297 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BN016030.D
Acq: 24 Aug 2021 13:36

Tgt Ion:178 Resp: 633814

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.7	22.1
179	15.4	12.6	19.0

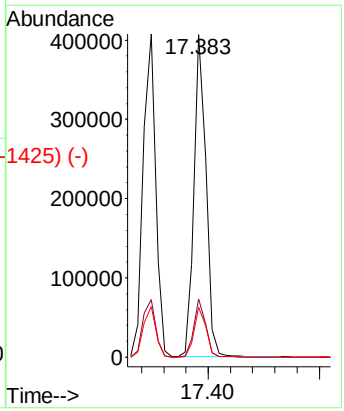




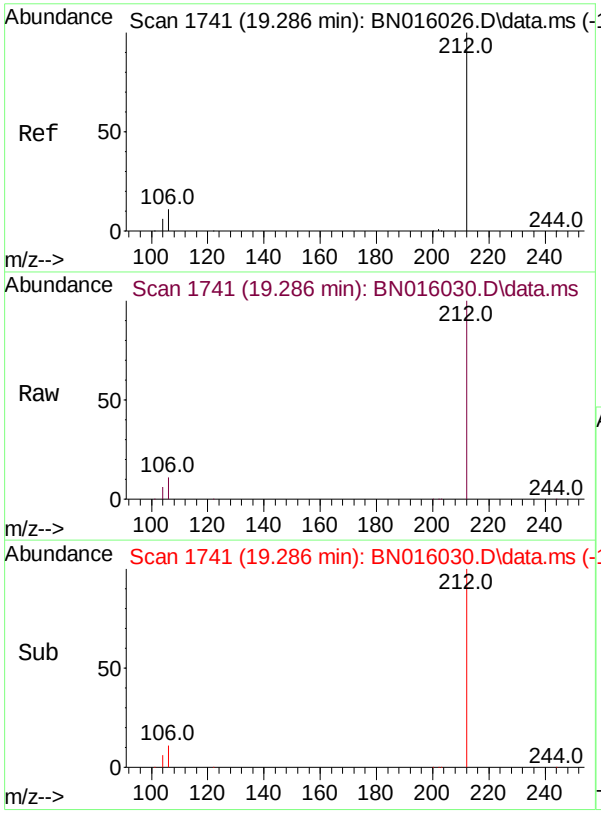
#26
Anthracene
Concen: 4.723 ng
RT: 17.383 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BN016030.D
Acq: 24 Aug 2021 13:36

Tgt Ion:178 Resp: 602786

Ion	Ratio	Lower	Upper
178	100		
176	17.7	14.2	21.2
179	15.7	12.2	18.2



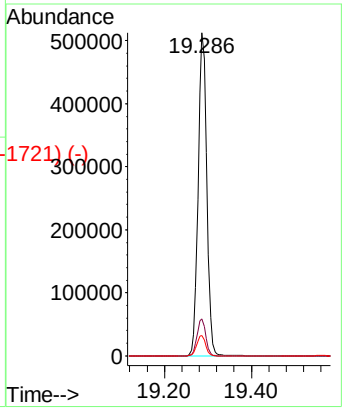
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

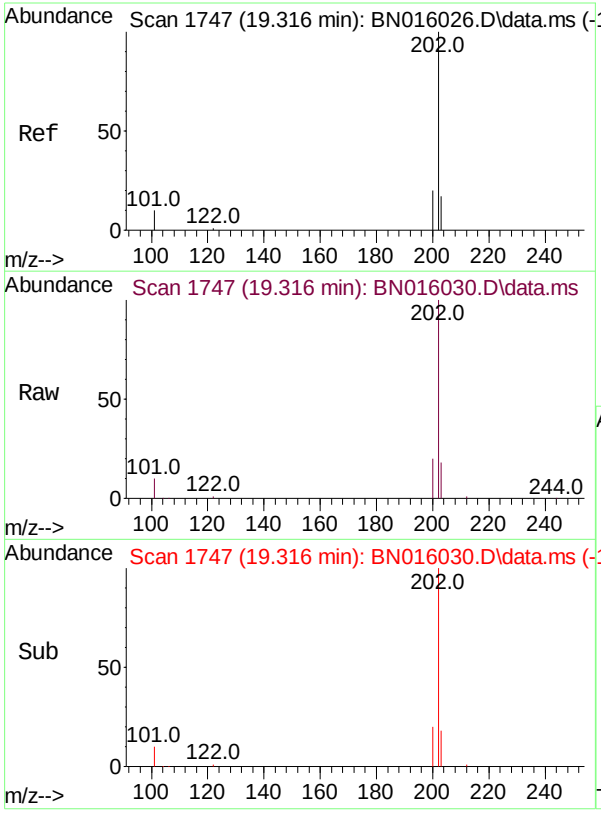


#27
Fluoranthene-d10
Concen: 5.145 ng
RT: 19.286 min Scan# 1741
Delta R.T. 0.000 min
Lab File: BN016030.D
Acq: 24 Aug 2021 13:36

Tgt Ion:212 Resp: 711029

Ion	Ratio	Lower	Upper
212	100		
106	11.5	9.4	14.2
104	6.5	5.4	8.0

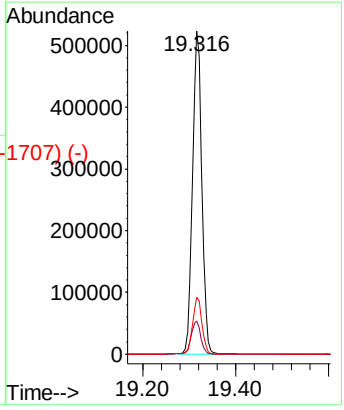




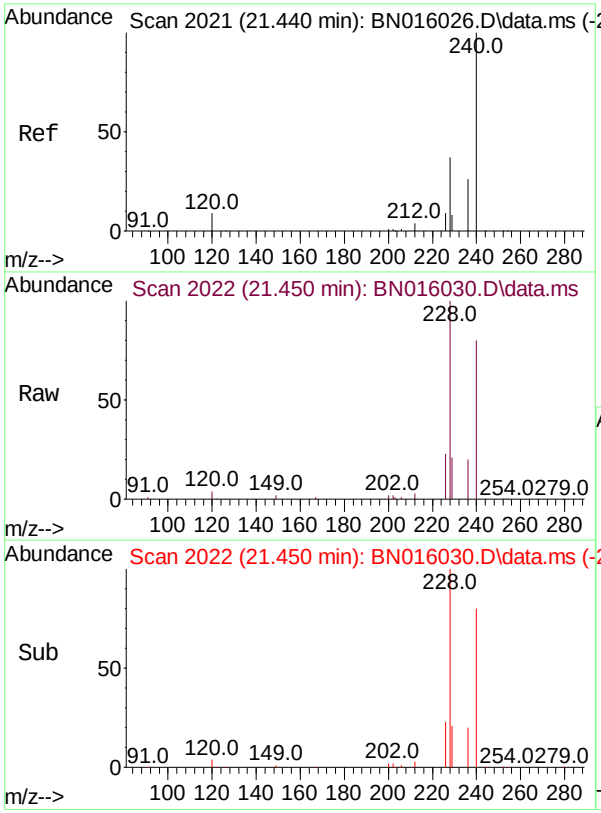
#28
Fluoranthene
Concen: 4.273 ng
RT: 19.316 min Scan# 1747
Delta R.T. 0.000 min
Lab File: BN016030.D
Acq: 24 Aug 2021 13:36

Tgt Ion:202 Resp: 727798

Ion	Ratio	Lower	Upper
202	100		
101	10.5	8.4	12.6
203	17.6	14.0	21.0



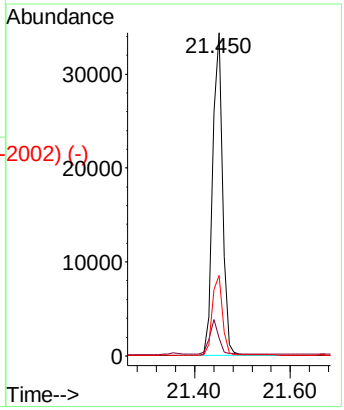
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

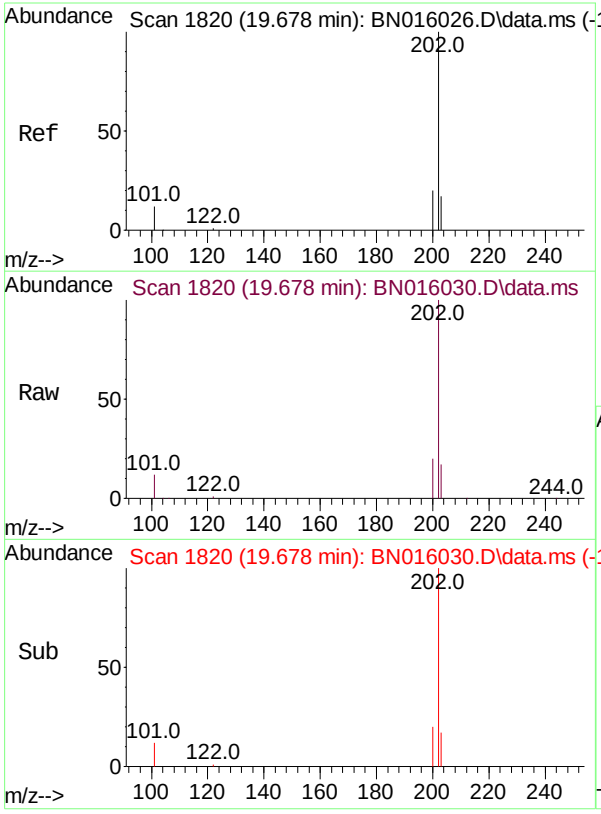


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.450 min Scan# 2022
Delta R.T. 0.011 min
Lab File: BN016030.D
Acq: 24 Aug 2021 13:36

Tgt Ion:240 Resp: 49098

Ion	Ratio	Lower	Upper
240	100		
120	5.5	7.8	11.6#
236	24.9	21.0	31.6

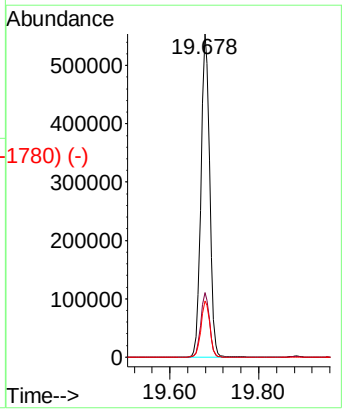




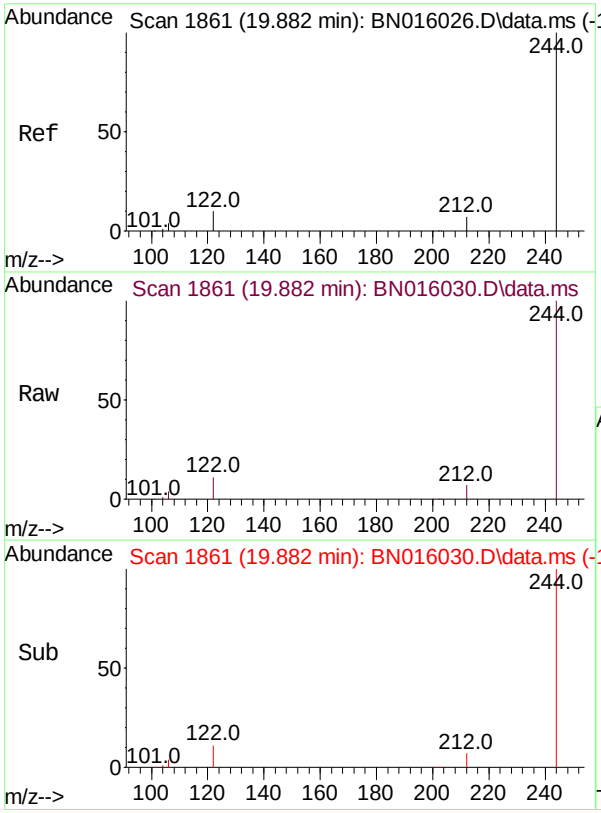
#30
Pyrene
Concen: 5.016 ng
RT: 19.678 min Scan# 1820
Delta R.T. 0.000 min
Lab File: BN016030.D
Acq: 24 Aug 2021 13:36

Tgt Ion:202 Resp: 747557

Ion	Ratio	Lower	Upper
202	100		
200	19.9	16.1	24.1
203	17.6	14.1	21.1



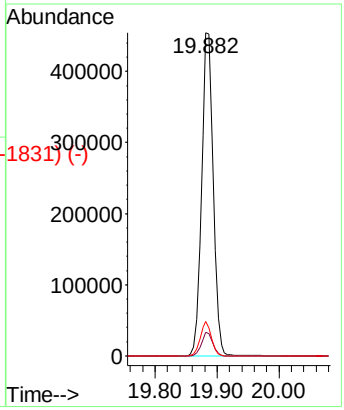
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

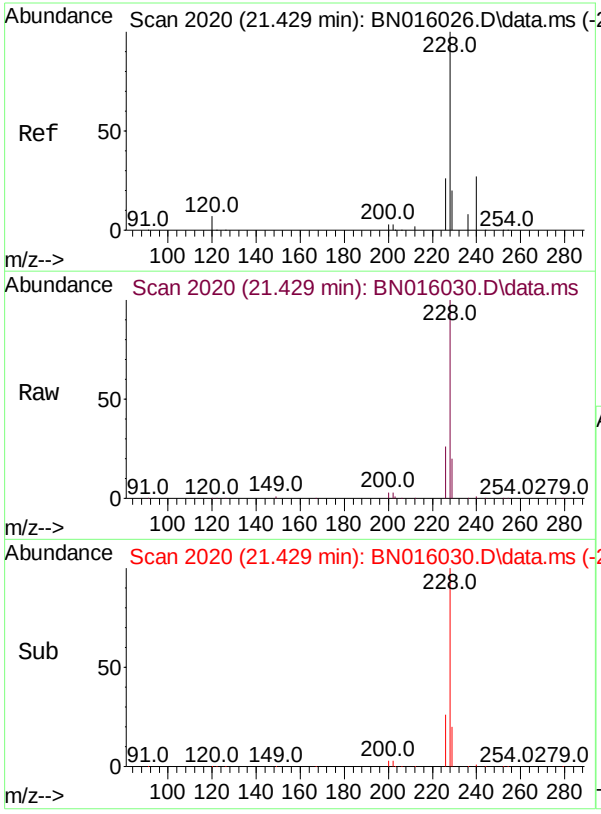


#31
Terphenyl-d14
Concen: 5.193 ng
RT: 19.882 min Scan# 1861
Delta R.T. 0.000 min
Lab File: BN016030.D
Acq: 24 Aug 2021 13:36

Tgt Ion:244 Resp: 588950

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	10.6	8.5	12.7

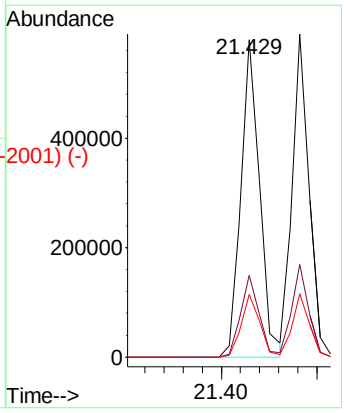




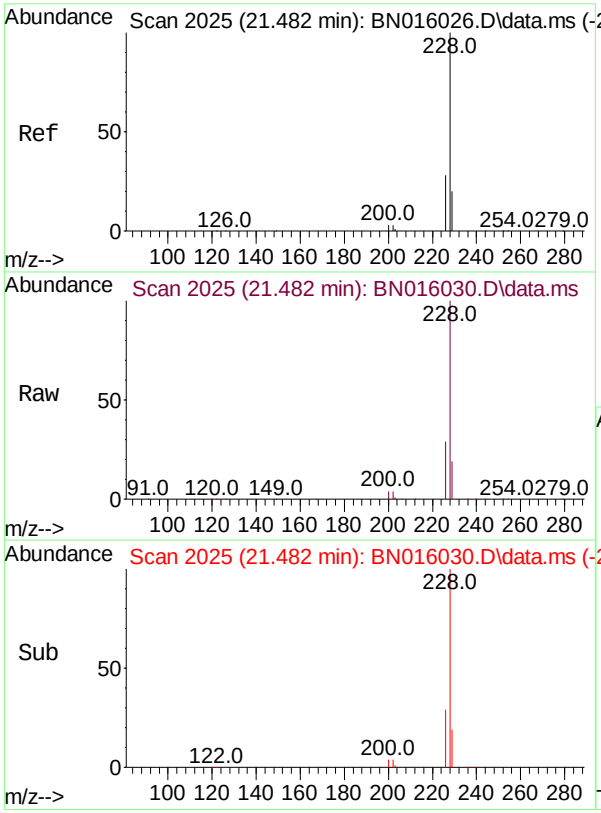
#32
Benzo(a)anthracene
Concen: 5.017 ng
RT: 21.429 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BN016030.D
Acq: 24 Aug 2021 13:36

Tgt Ion:228 Resp: 784414

Ion	Ratio	Lower	Upper
228	100		
226	25.7	20.6	30.8
229	19.8	16.0	24.0



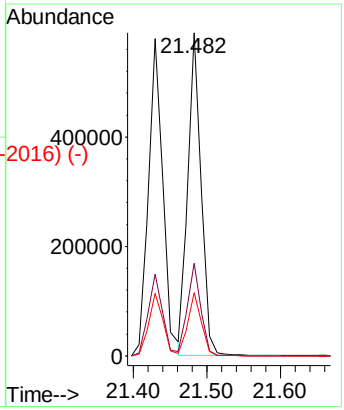
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

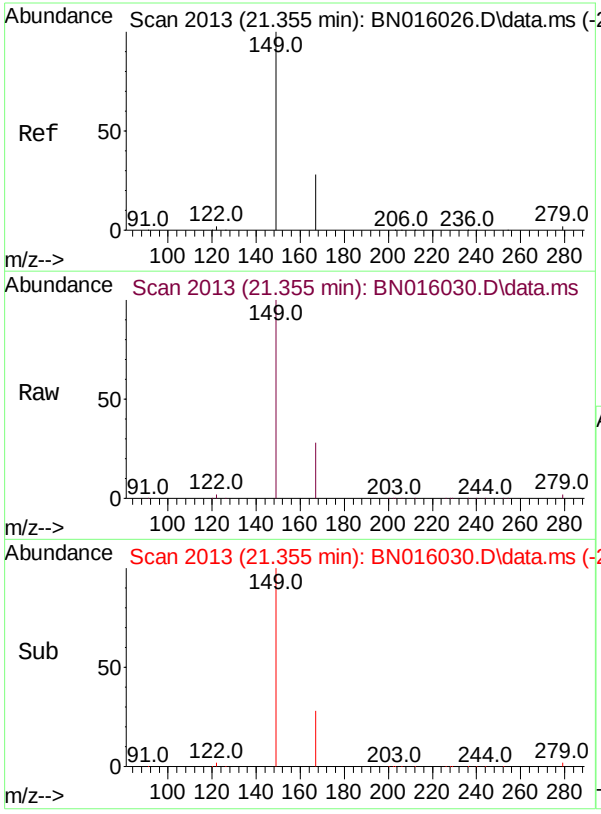


#22
Chrysene
Concen: 4.491 ng
RT: 21.482 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BN016030.D
Acq: 24 Aug 2021 13:36

Tgt Ion:228 Resp: 735822

Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.2	33.2
229	19.5	16.1	24.1

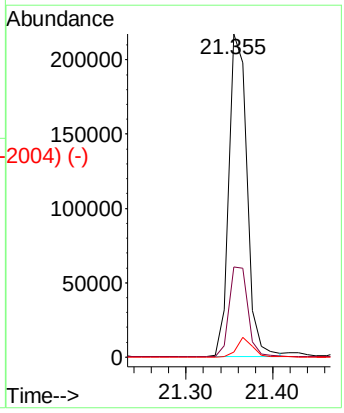




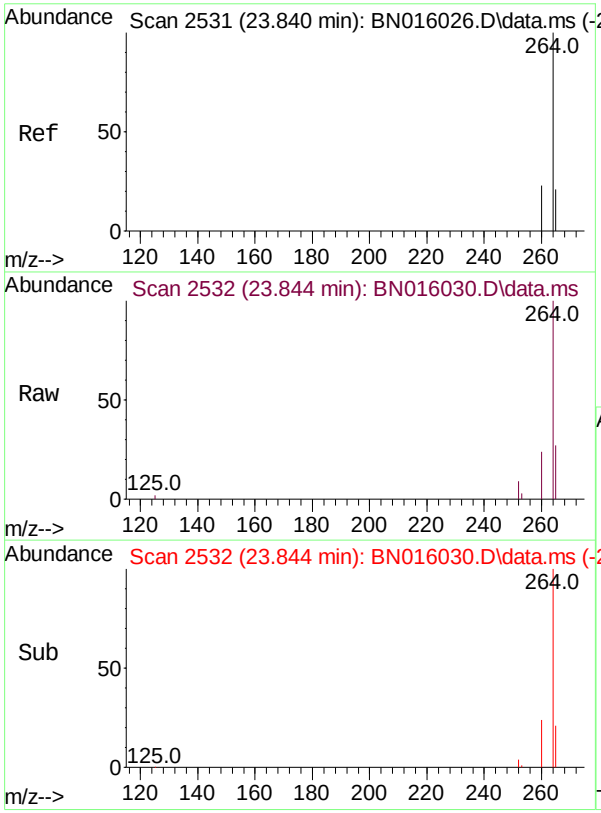
#34
Bis(2-ethylhexyl)phthalate
Concen: 5.969 ng
RT: 21.355 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BN016030.D
Acq: 24 Aug 2021 13:36

Tgt Ion:149 Resp: 312181

Ion	Ratio	Lower	Upper
149	100		
167	28.9	22.8	34.2
279	5.3	4.1	6.1



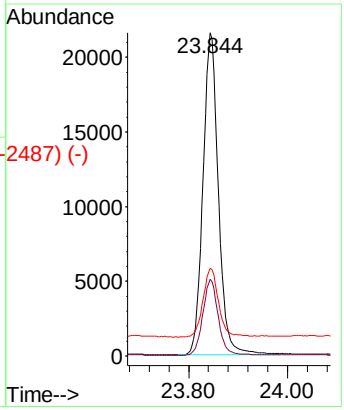
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

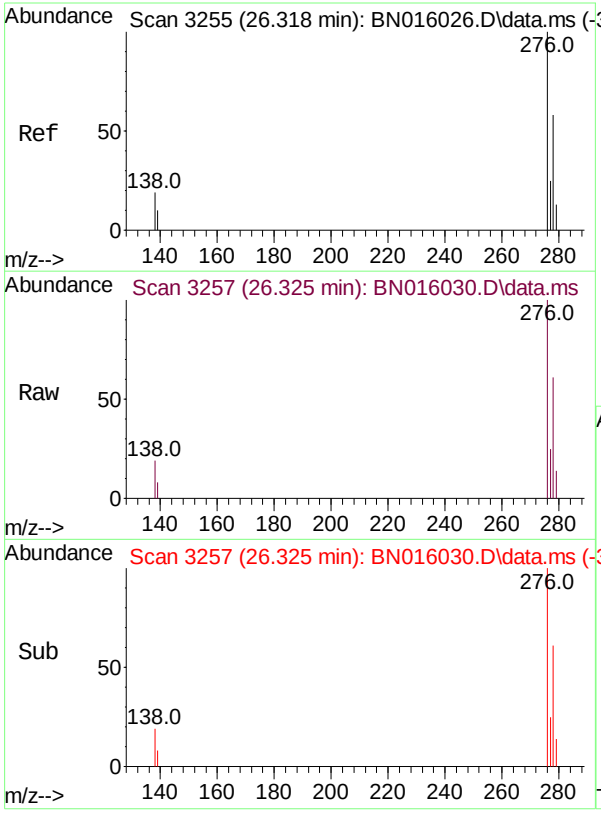


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.844 min Scan# 2532
Delta R.T. 0.004 min
Lab File: BN016030.D
Acq: 24 Aug 2021 13:36

Tgt Ion:264 Resp: 46820

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.0	28.4
265	27.1	22.7	34.1

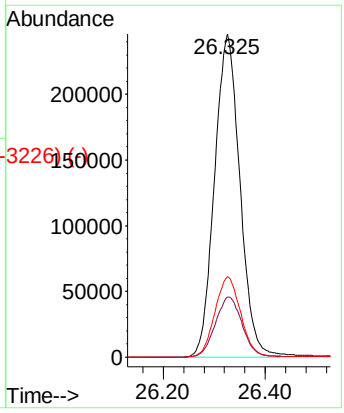




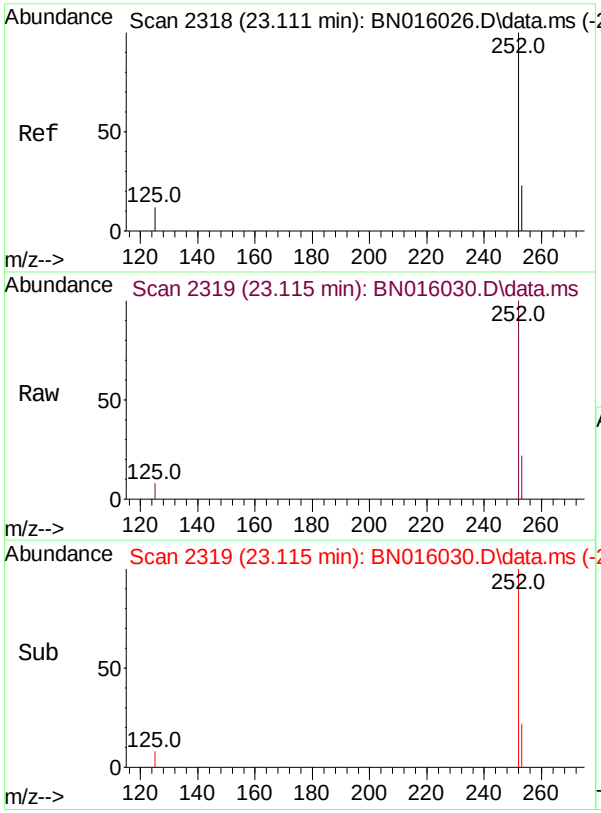
#36
Indeno(1,2,3-cd)pyrene
Concen: 4.162 ng
RT: 26.325 min Scan# 3257
Delta R.T. 0.007 min
Lab File: BN016030.D
Acq: 24 Aug 2021 13:36

Tgt Ion:276 Resp: 844613

Ion	Ratio	Lower	Upper
276	100		
138	19.6	16.9	25.3
277	25.3	20.2	30.4



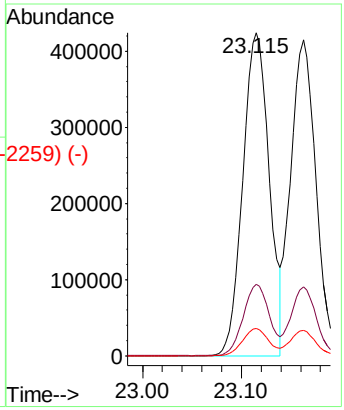
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

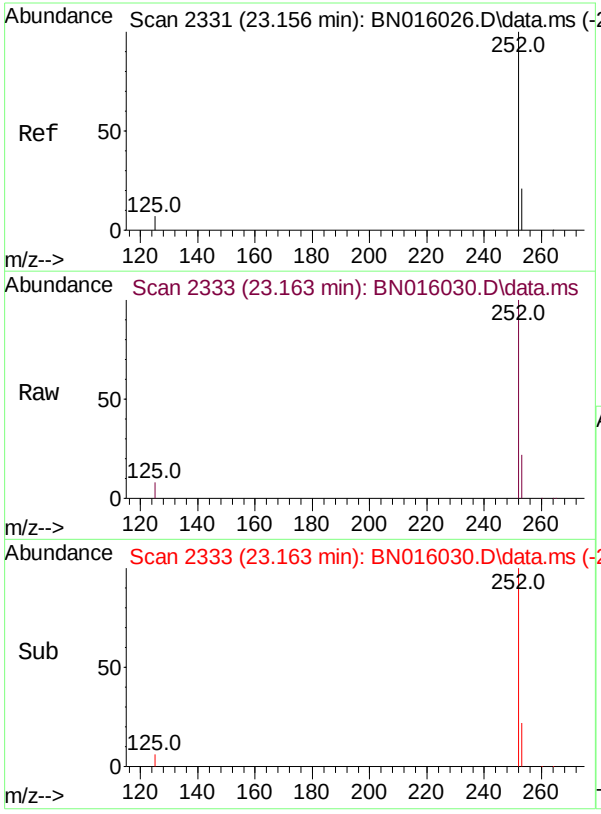


#37
Benzo(b)fluoranthene
Concen: 4.427 ng
RT: 23.115 min Scan# 2319
Delta R.T. 0.004 min
Lab File: BN016030.D
Acq: 24 Aug 2021 13:36

Tgt Ion:252 Resp: 786828

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.6	28.0
125	8.5	10.4	15.6#

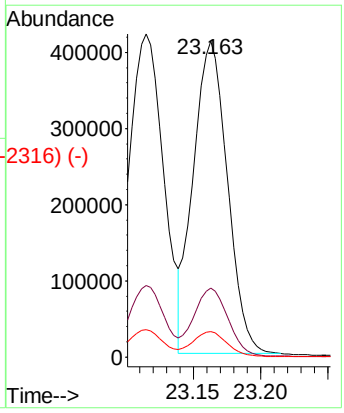




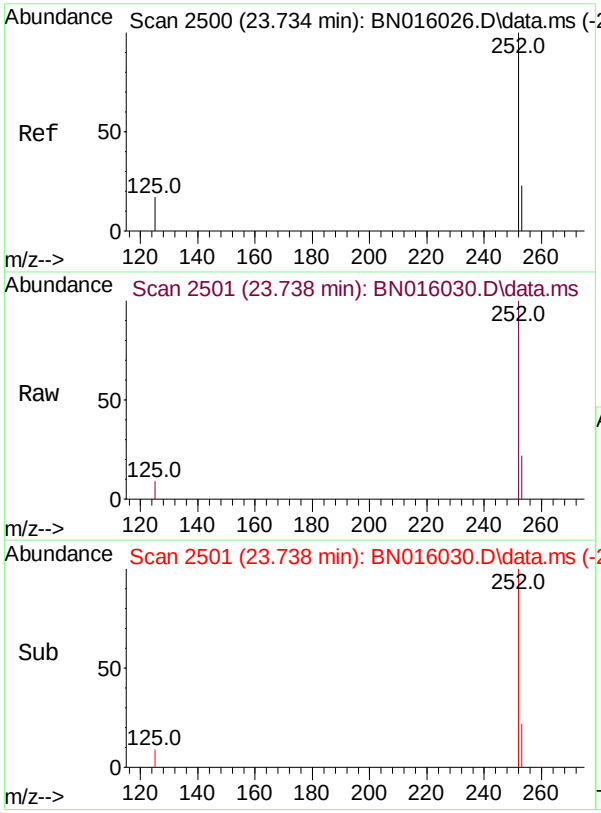
#38
Benzo(k)fluoranthene
Concen: 4.289 ng
RT: 23.163 min Scan# 2333
Delta R.T. 0.007 min
Lab File: BN016030.D
Acq: 24 Aug 2021 13:36

Tgt Ion:252 Resp: 721212

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.9	26.9
125	8.0	7.5	11.3



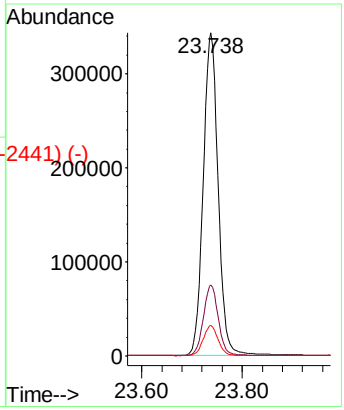
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

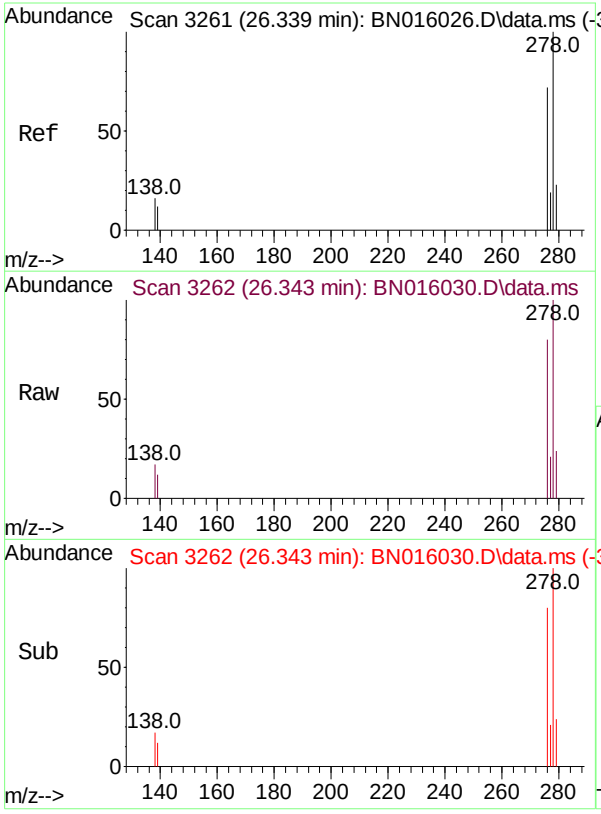


#39
Benzo(a)pyrene
Concen: 4.488 ng
RT: 23.738 min Scan# 2501
Delta R.T. 0.004 min
Lab File: BN016030.D
Acq: 24 Aug 2021 13:36

Tgt Ion:252 Resp: 710953

Ion	Ratio	Lower	Upper
252	100		
253	22.0	19.2	28.8
125	9.4	14.2	21.2#

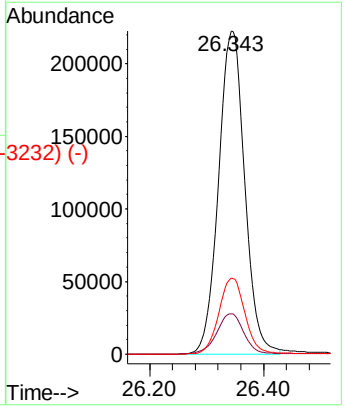


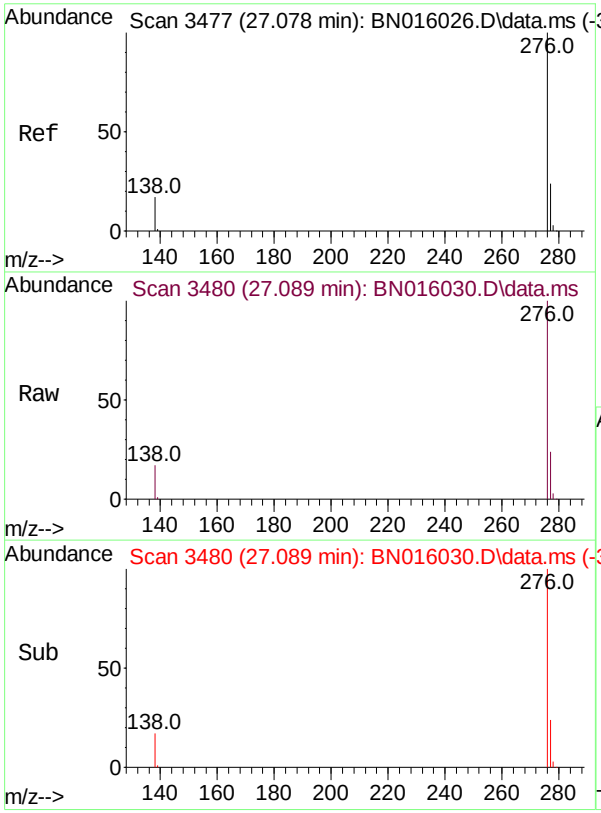


#40
Dibenzo(a,h)anthracene
Concen: 4.180 ng
RT: 26.343 min Scan# 3262
Delta R.T. 0.004 min
Lab File: BN016030.D
Acq: 24 Aug 2021 13:36

Tgt Ion:278 Resp: 704154

Ion	Ratio	Lower	Upper
278	100		
139	12.5	10.7	16.1
279	23.6	19.7	29.5

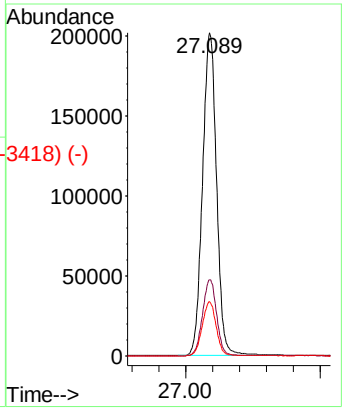




#41
Benzo(g,h,i)perylene
Concen: 4.317 ng
RT: 27.089 min Scan# 3480
Delta R.T. 0.011 min
Lab File: BN016030.D
Acq: 24 Aug 2021 13:36

Tgt Ion:276 Resp: 730885

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.3	28.9
138	16.9	14.0	21.0



Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0