Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101421\
Data File : BN016950.D
Acq On : 14 Oct 2021 14:33
Operator : CG/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.8

Quant Time: Oct 14 15:10:13 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN101421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 14 14:27:18 2021
Response via : Initial Calibration

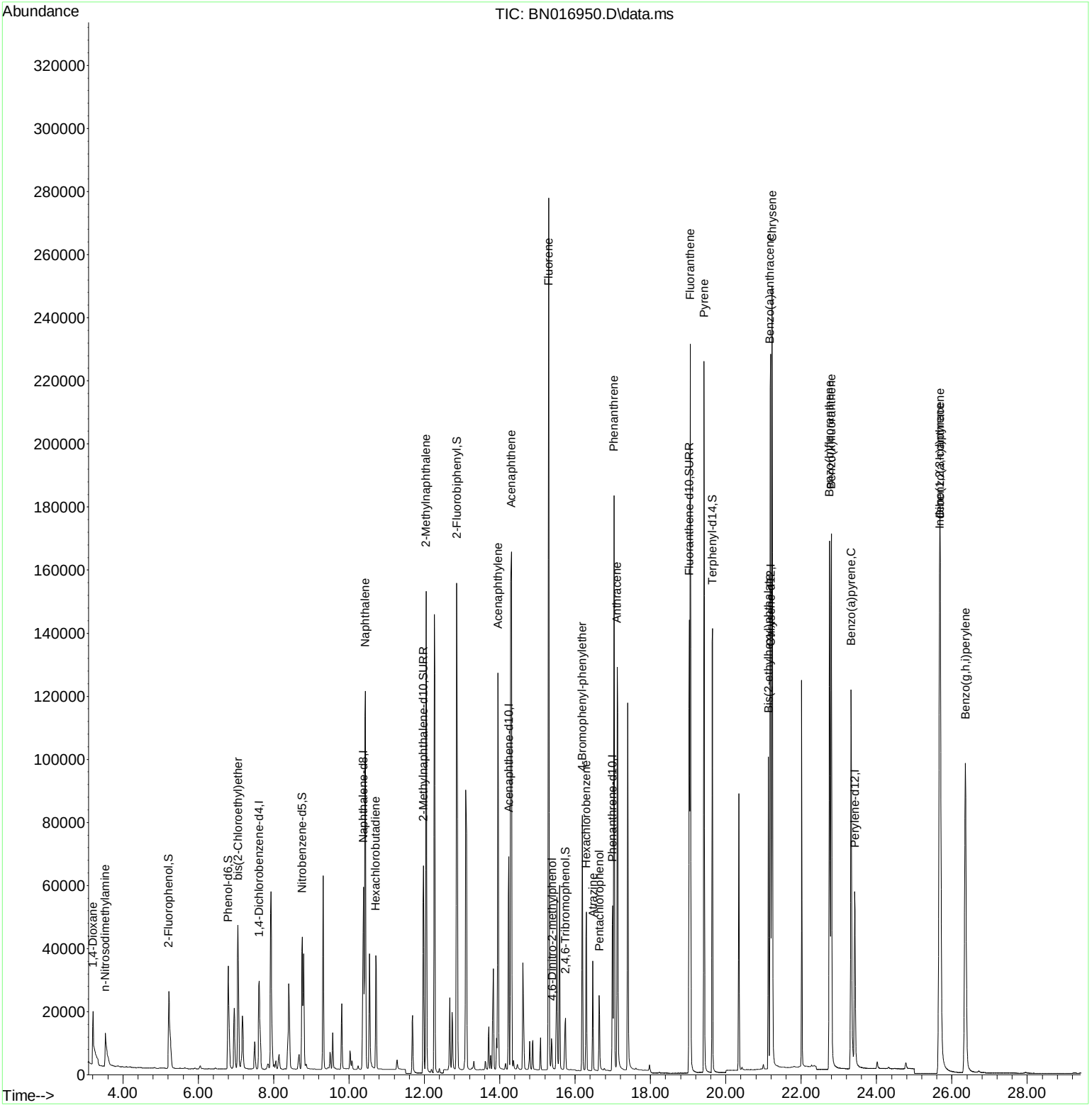
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.614	152	17979	0.400	ng		0.00
7) Naphthalene-d8	10.381	136	79246	0.400	ng		0.00
13) Acenaphthene-d10	14.243	164	42049	0.400	ng		0.00
19) Phenanthrene-d10	16.993	188	77519	0.400	ng		0.00
29) Chrysene-d12	21.195	240	78905	0.400	ng		0.00
35) Perylene-d12	23.423	264	75749	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.217	112	36052	0.884	ng		0.00
5) Phenol-d6	6.794	99	40257	0.886	ng		0.00
8) Nitrobenzene-d5	8.759	82	39334	0.780	ng		0.00
11) 2-Methylnaphthalene-d10	11.976	152	91190	0.822	ng		0.00
14) 2,4,6-Tribromophenol	15.740	330	14880	0.781	ng		0.00
15) 2-Fluorobiphenyl	12.860	172	129467	0.813	ng		0.00
27) Fluoranthene-d10	19.028	212	160455	0.824	ng		0.00
31) Terphenyl-d14	19.643	244	140948	0.814	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.207	88	9218	0.768	ng	#	67
3) n-Nitrosodimethylamine	3.530	42	12022	0.871	ng		100
6) bis(2-Chloroethyl)ether	7.052	93	40892	0.840	ng		100
9) Naphthalene	10.432	128	174612	0.848	ng		100
10) Hexachlorobutadiene	10.711	225	32300	0.793	ng	#	100
12) 2-Methylnaphthalene	12.047	142	108802	0.832	ng		100
16) Acenaphthylene	13.951	152	144165	0.846	ng		100
17) Acenaphthene	14.307	154	94797	0.811	ng		100
18) Fluorene	15.296	166	116032	0.833	ng		99
20) 4,6-Dinitro-2-methylph...	15.385	198	7740	0.816	ng		94
21) 4-Bromophenyl-phenylether	16.190	248	37784	0.832	ng		98
22) Hexachlorobenzene	16.299	284	43091	0.819	ng		99
23) Atrazine	16.470	200	25027	0.881	ng		100
24) Pentachlorophenol	16.640	266	12536	0.706	ng		100
25) Phenanthrene	17.029	178	179369	0.813	ng		100
26) Anthracene	17.115	178	155923	0.828	ng		100
28) Fluoranthene	19.058	202	204496	0.858	ng		100
30) Pyrene	19.420	202	200610	0.799	ng		100
32) Benzo(a)anthracene	21.174	228	196097	0.825	ng		100
33) Chrysene	21.227	228	206710	0.805	ng		99
34) Bis(2-ethylhexyl)phtha...	21.132	149	79609	0.761	ng		100
36) Indeno(1,2,3-cd)pyrene	25.671	276	231256	0.807	ng		100
37) Benzo(b)fluoranthene	22.752	252	206479	0.851	ng		100
38) Benzo(k)fluoranthene	22.800	252	207603	0.862	ng		99
39) Benzo(a)pyrene	23.323	252	181746	0.819	ng		99
40) Dibenzo(a,h)anthracene	25.692	278	188823	0.812	ng		100
41) Benzo(g,h,i)perylene	26.359	276	202266	0.813	ng		99

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

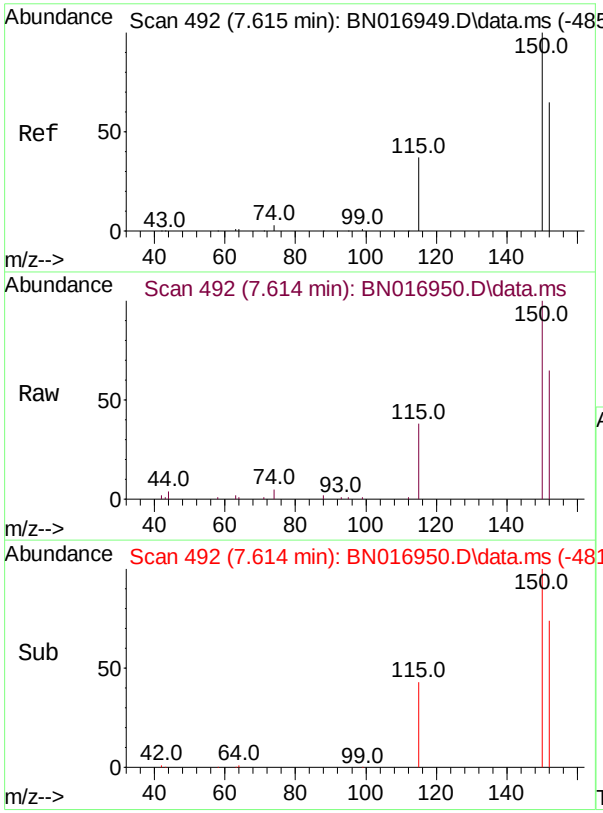
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101421\
Data File : BN016950.D
Acq On : 14 Oct 2021 14:33
Operator : CG/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Quant Time: Oct 14 15:10:13 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN101421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 14 14:27:18 2021
Response via : Initial Calibration



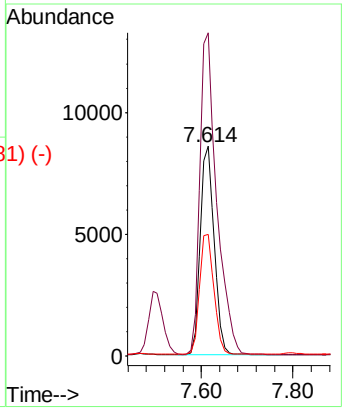
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

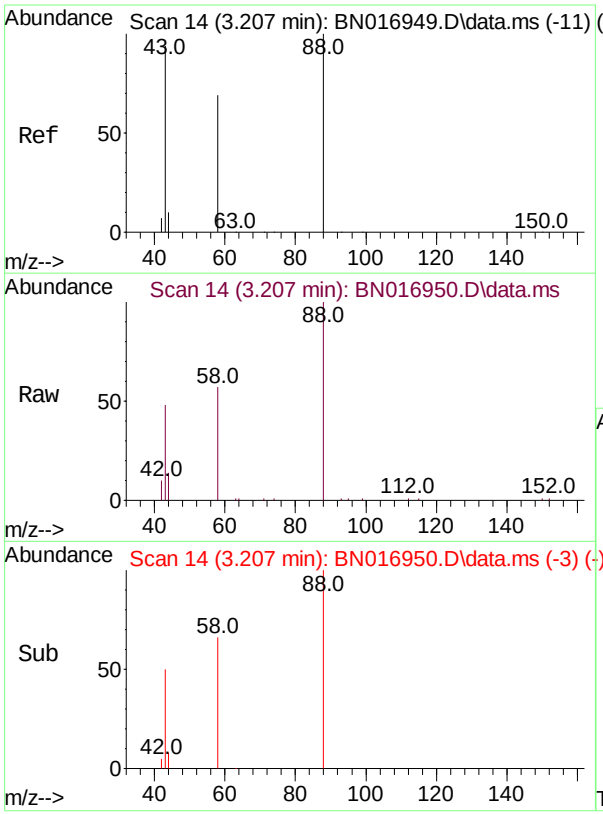


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.614 min Scan# 492
Delta R.T. -0.001 min
Lab File: BN016950.D
Acq: 14 Oct 2021 14:33

Tgt Ion:152 Resp: 17979

Ion	Ratio	Lower	Upper
152	100		
150	154.1	122.2	183.4
115	57.9	46.1	69.1

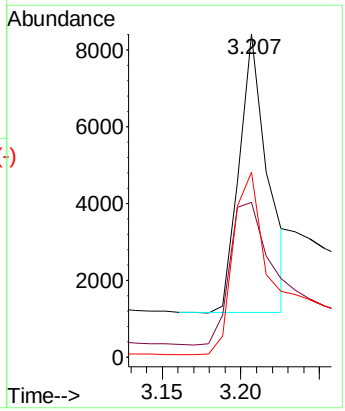




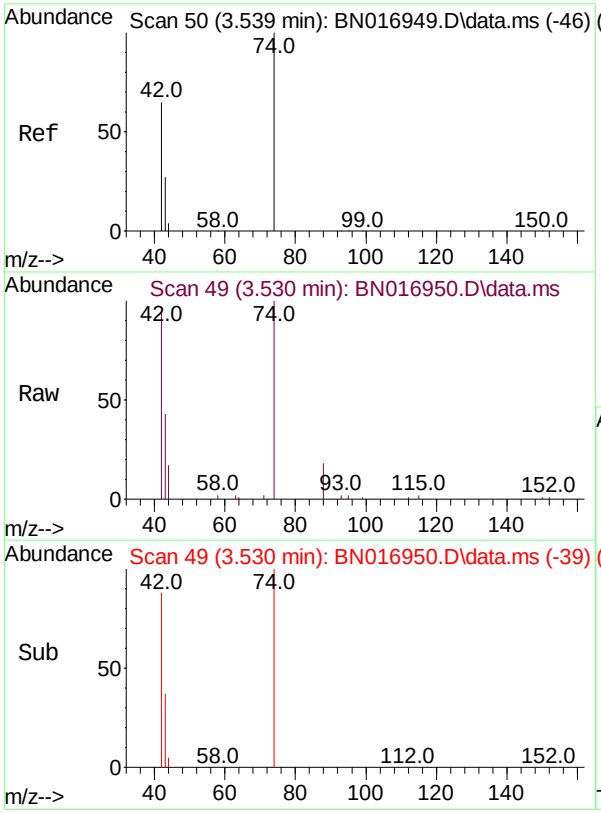
#2
1,4-Dioxane
Concen: 0.768 ng
RT: 3.207 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN016950.D
Acq: 14 Oct 2021 14:33

Tgt Ion: 88 Resp: 9218

Ion	Ratio	Lower	Upper
88	100		
43	72.9	107.1	160.7#
58	76.9	62.4	93.6



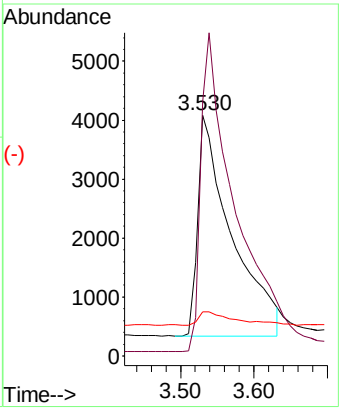
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

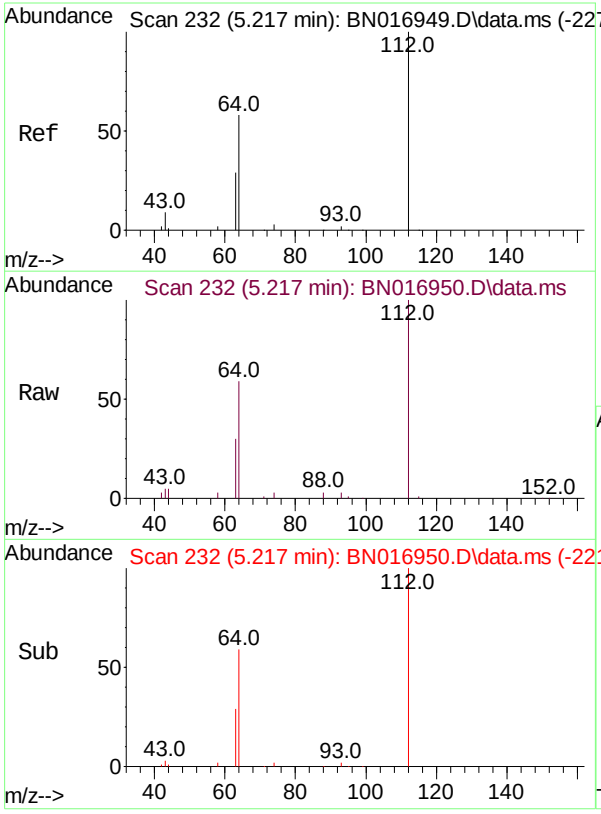


#3
n-Nitrosodimethylamine
Concen: 0.871 ng
RT: 3.530 min Scan# 49
Delta R.T. -0.010 min
Lab File: BN016950.D
Acq: 14 Oct 2021 14:33

Tgt Ion: 42 Resp: 12022

Ion	Ratio	Lower	Upper
42	100		
74	143.7	114.9	172.3
44	6.8	5.4	8.2

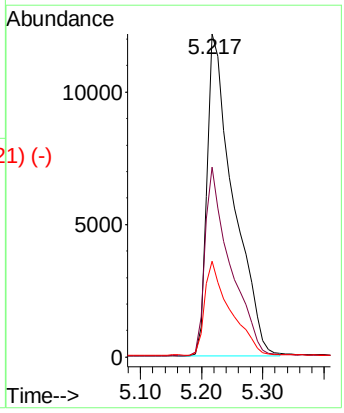




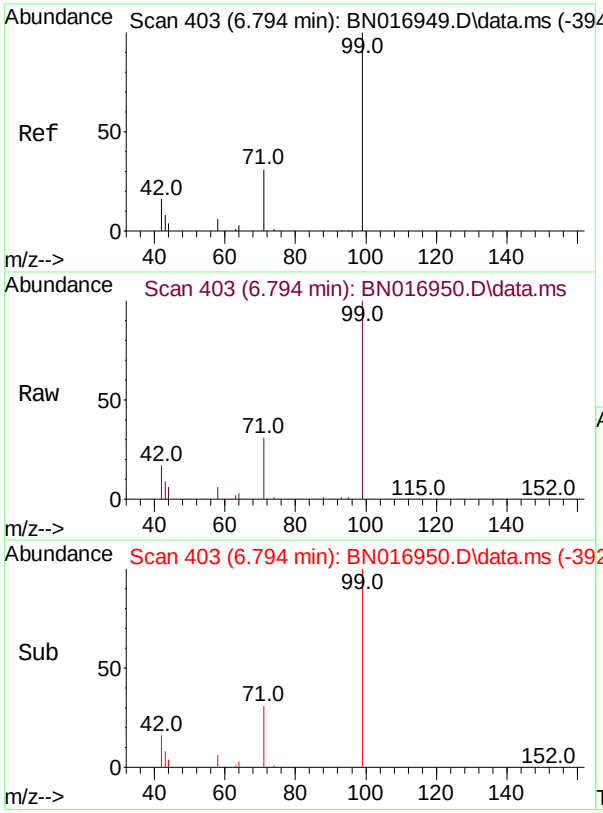
#4
2-Fluorophenol
Concen: 0.884 ng
RT: 5.217 min Scan# 232
Delta R.T. -0.000 min
Lab File: BN016950.D
Acq: 14 Oct 2021 14:33

Tgt Ion:112 Resp: 36052

Ion	Ratio	Lower	Upper
112	100		
64	56.3	44.7	67.1
63	28.1	22.6	33.8



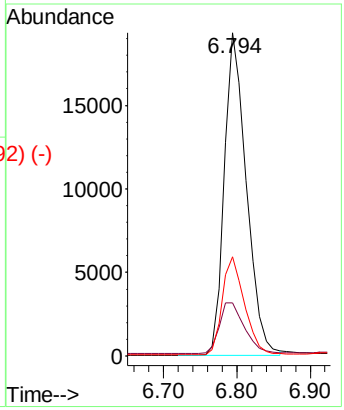
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

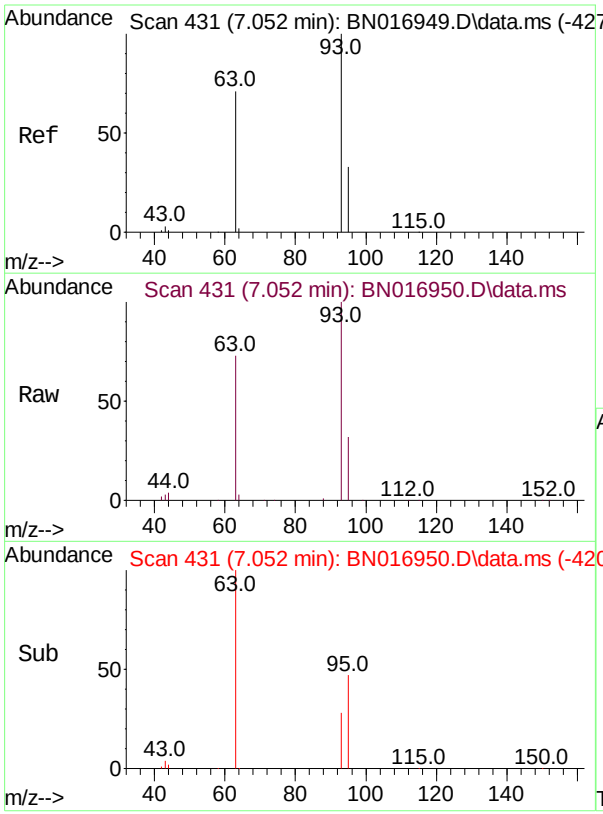


#5
Phenol-d6
Concen: 0.886 ng
RT: 6.794 min Scan# 403
Delta R.T. -0.000 min
Lab File: BN016950.D
Acq: 14 Oct 2021 14:33

Tgt Ion: 99 Resp: 40257

Ion	Ratio	Lower	Upper
99	100		
42	17.7	14.2	21.4
71	30.7	24.6	36.8

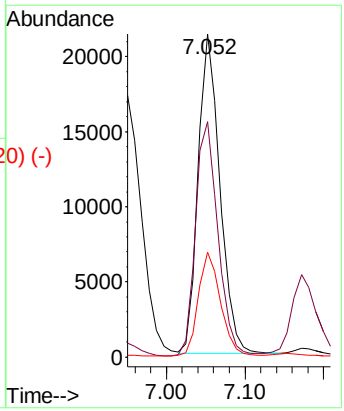




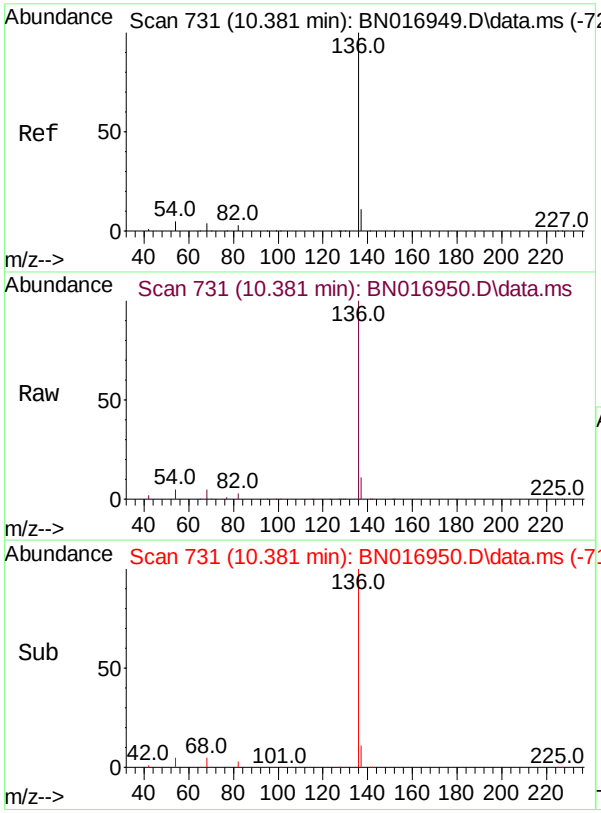
#6
bis(2-Chloroethyl)ether
Concen: 0.840 ng
RT: 7.052 min Scan# 431
Delta R.T. -0.000 min
Lab File: BN016950.D
Acq: 14 Oct 2021 14:33

Tgt Ion: 93 Resp: 40892

Ion	Ratio	Lower	Upper
93	100		
63	75.3	60.0	90.0
95	33.0	26.5	39.7



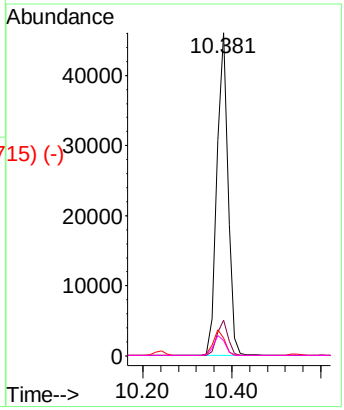
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

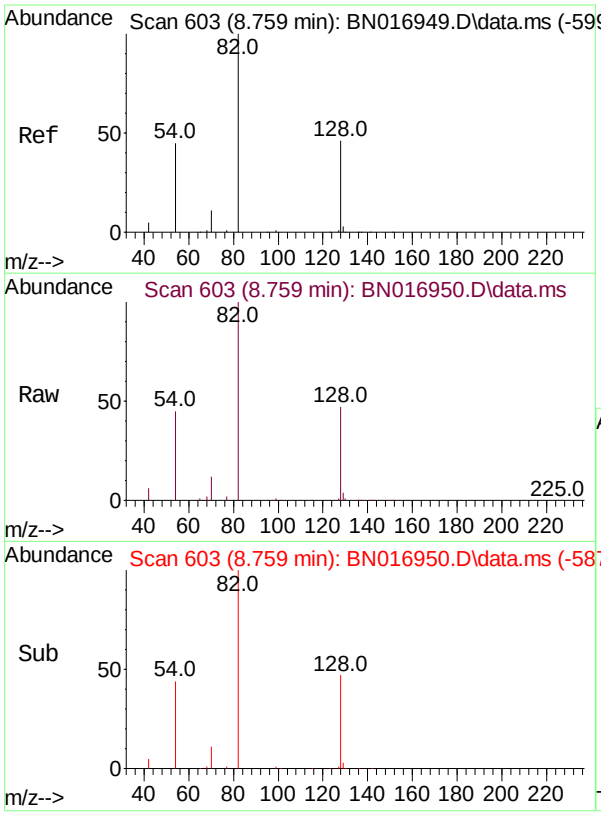


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.381 min Scan# 731
Delta R.T. -0.000 min
Lab File: BN016950.D
Acq: 14 Oct 2021 14:33

Tgt Ion:136 Resp: 79246

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	5.5	4.3	6.5
68	4.8	3.7	5.5

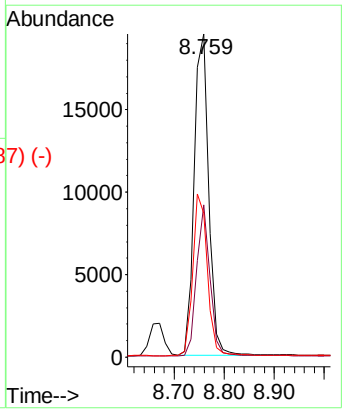




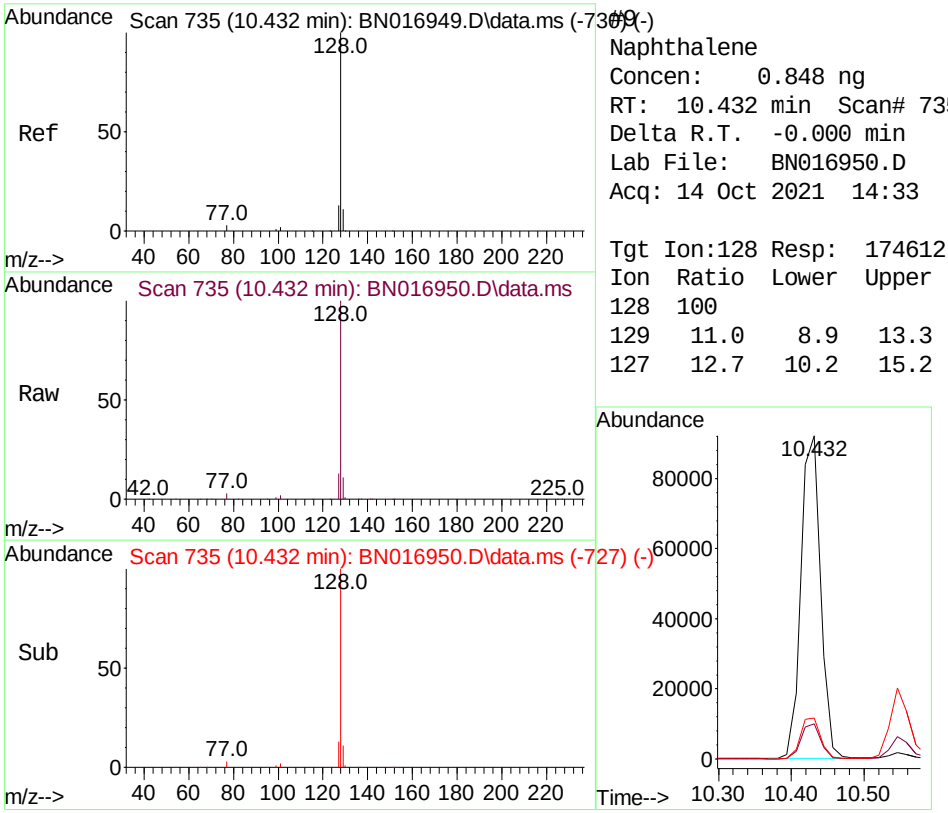
#8
Nitrobenzene-d5
Concen: 0.780 ng
RT: 8.759 min Scan# 603
Delta R.T. -0.000 min
Lab File: BN016950.D
Acq: 14 Oct 2021 14:33

Tgt Ion: 82 Resp: 39334

Ion	Ratio	Lower	Upper
82	100		
128	47.1	37.0	55.4
54	44.6	36.2	54.4



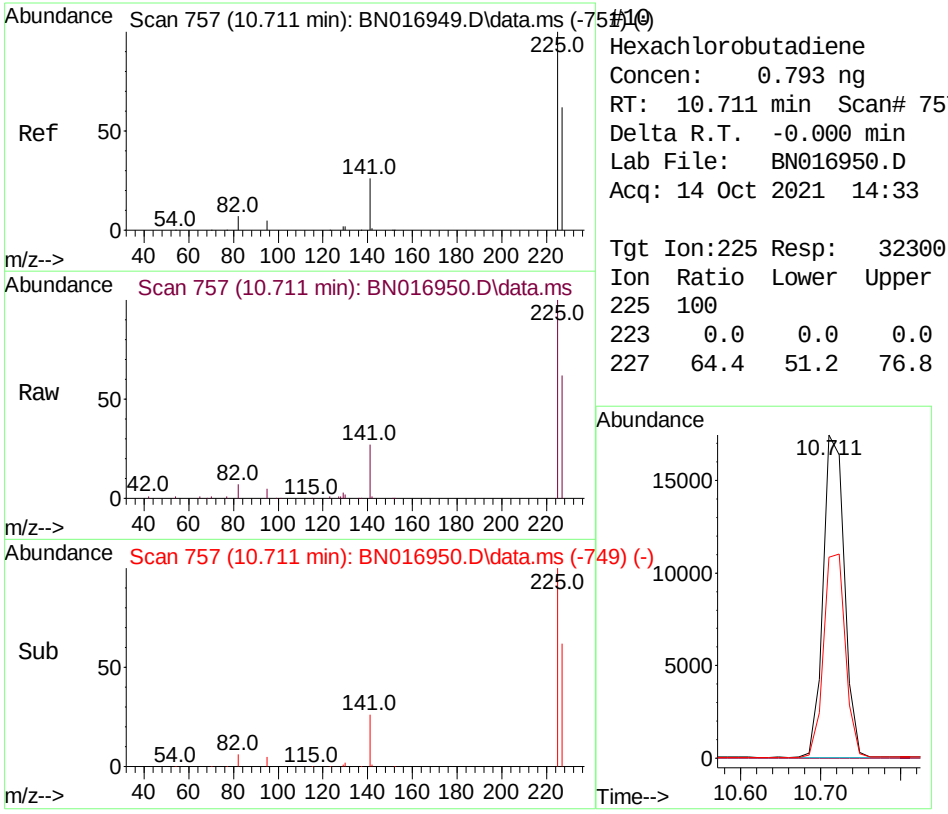
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8



#9
Naphthalene
Concen: 0.848 ng
RT: 10.432 min Scan# 735
Delta R.T. -0.000 min
Lab File: BN016950.D
Acq: 14 Oct 2021 14:33

Tgt Ion:128 Resp: 174612

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.9	13.3
127	12.7	10.2	15.2

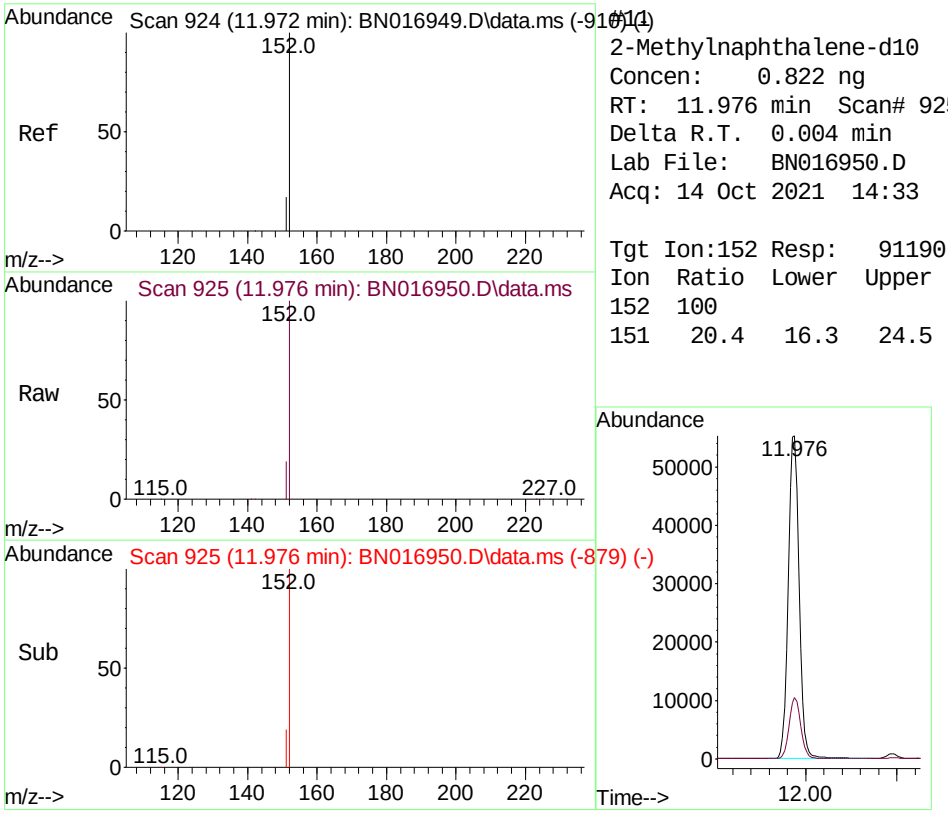


#10
Hexachlorobutadiene
Concen: 0.793 ng
RT: 10.711 min Scan# 757
Delta R.T. -0.000 min
Lab File: BN016950.D
Acq: 14 Oct 2021 14:33

Tgt Ion:225 Resp: 32300

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.4	51.2	76.8

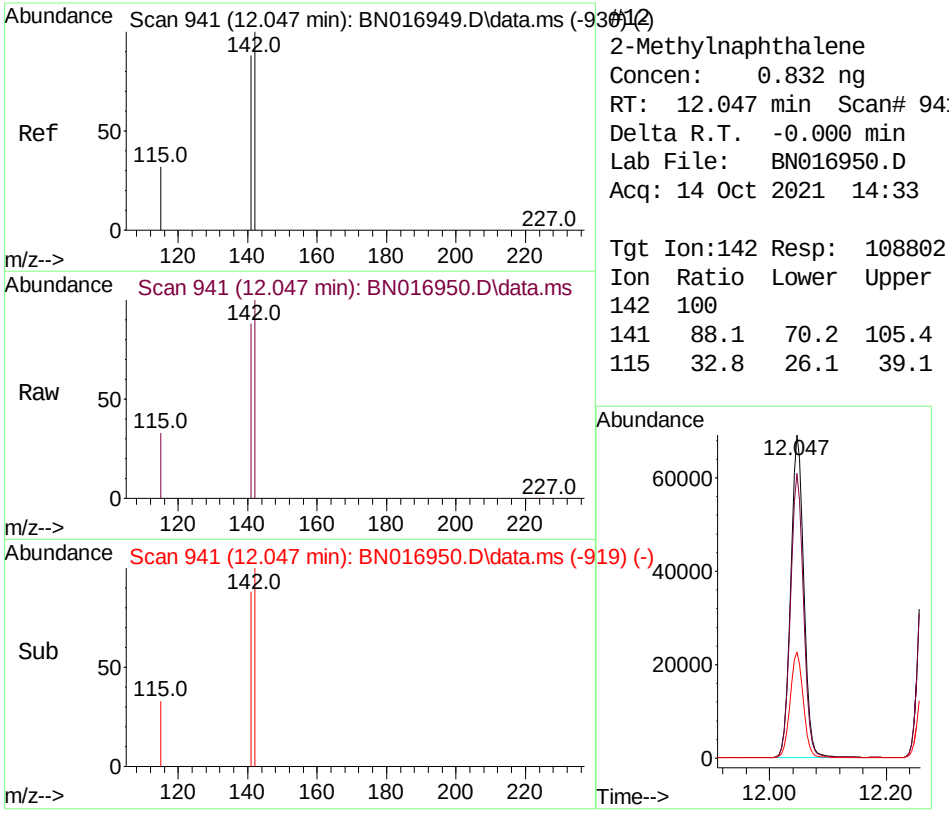
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8



#11
2-Methylnaphthalene-d10
Concen: 0.822 ng
RT: 11.976 min Scan# 925
Delta R.T. 0.004 min
Lab File: BN016950.D
Acq: 14 Oct 2021 14:33

Tgt Ion:152 Resp: 91190

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.3	24.5

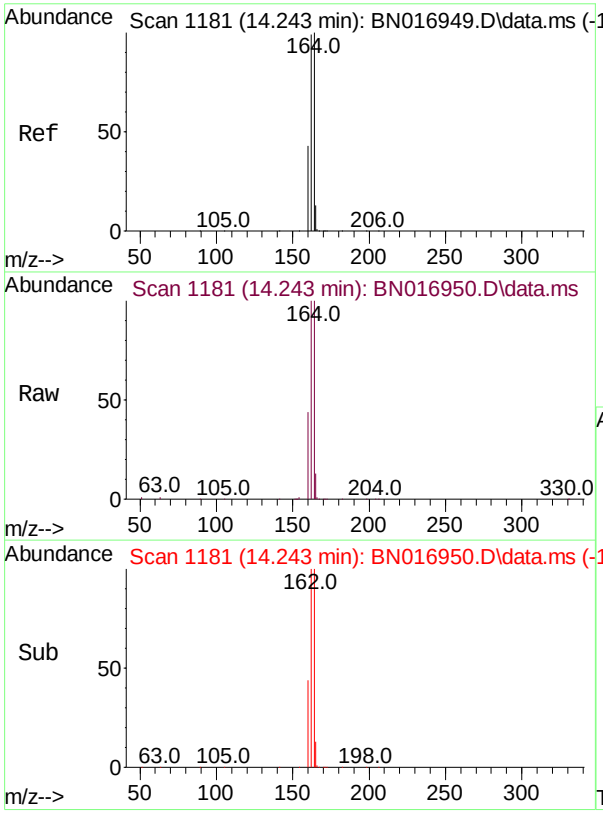


#12
2-Methylnaphthalene
Concen: 0.832 ng
RT: 12.047 min Scan# 941
Delta R.T. -0.000 min
Lab File: BN016950.D
Acq: 14 Oct 2021 14:33

Tgt Ion:142 Resp: 108802

Ion	Ratio	Lower	Upper
142	100		
141	88.1	70.2	105.4
115	32.8	26.1	39.1

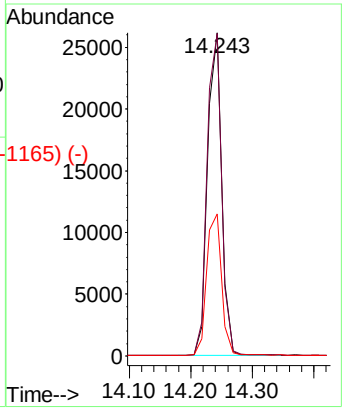
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

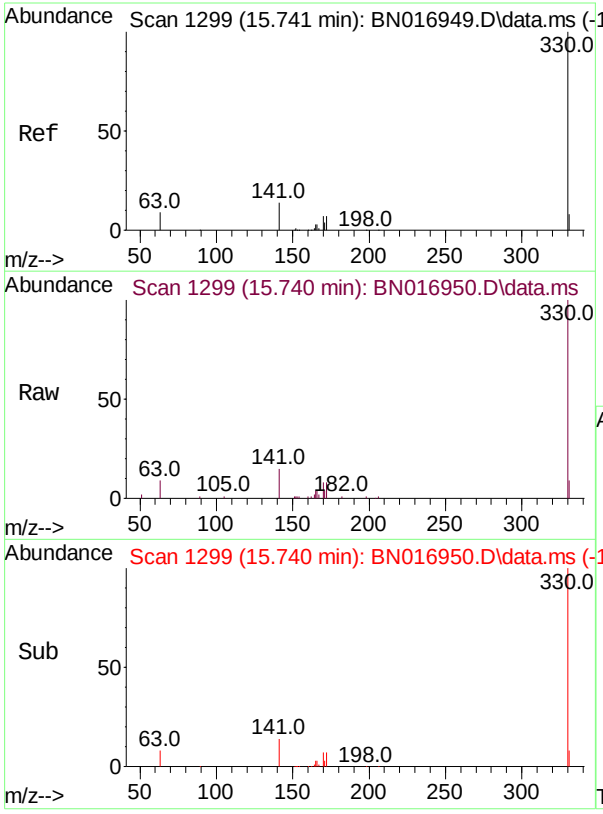


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.243 min Scan# 1181
Delta R.T. -0.000 min
Lab File: BN016950.D
Acq: 14 Oct 2021 14:33

Tgt Ion:164 Resp: 42049

Ion	Ratio	Lower	Upper
164	100		
162	99.8	79.1	118.7
160	44.0	34.7	52.1

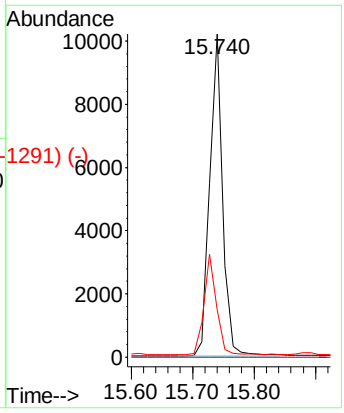




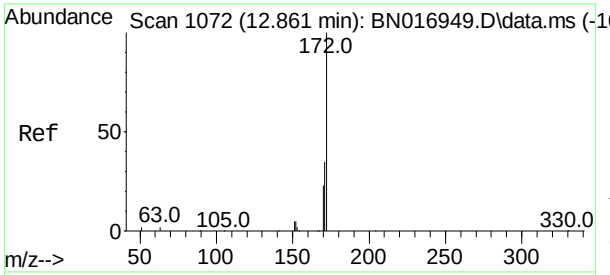
#14
2,4,6-Tribromophenol
Concen: 0.781 ng
RT: 15.740 min Scan# 1299
Delta R.T. -0.000 min
Lab File: BN016950.D
Acq: 14 Oct 2021 14:33

Tgt Ion:330 Resp: 14880

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	30.5	24.2	36.2



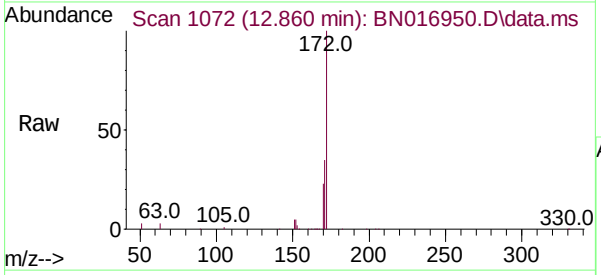
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

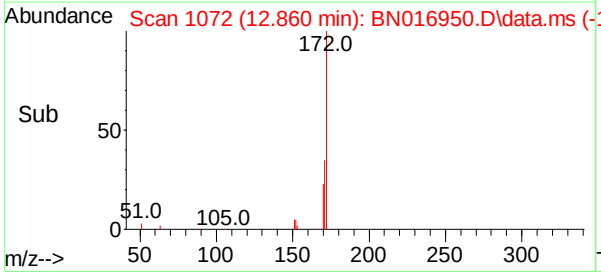


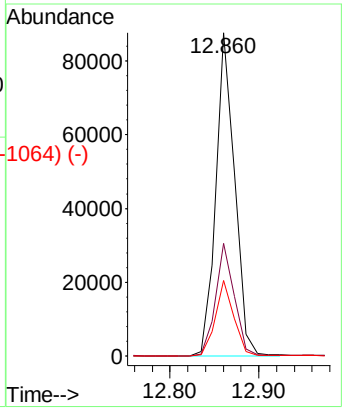
#15
2-Fluorobiphenyl
Concen: 0.813 ng
RT: 12.860 min Scan# 1072
Delta R.T. -0.000 min
Lab File: BN016950.D
Acq: 14 Oct 2021 14:33

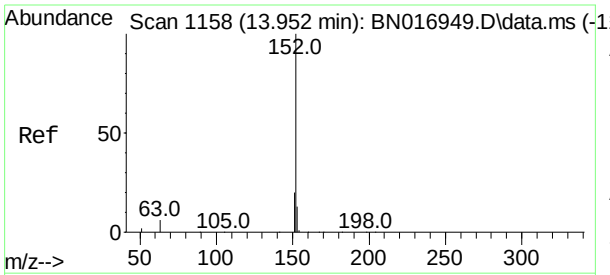
Tgt Ion:172 Resp: 129467

Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.9	41.9
170	23.4	18.6	27.8





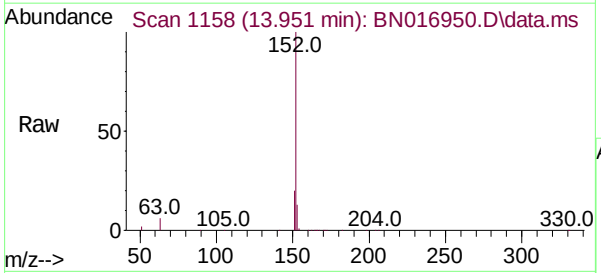


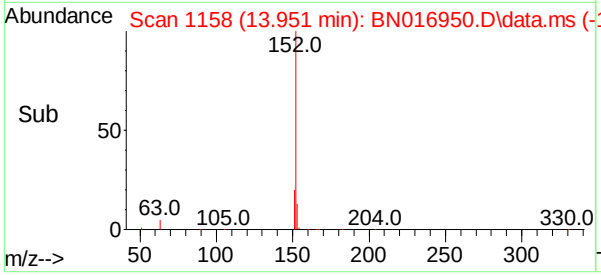


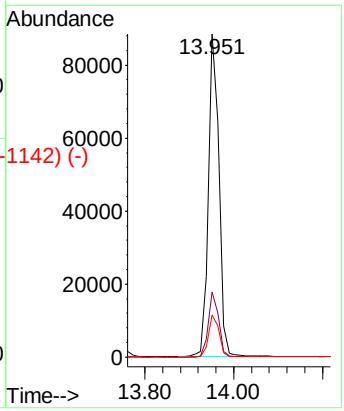
#16
Acenaphthylene
Concen: 0.846 ng
RT: 13.951 min Scan# 1158
Delta R.T. -0.000 min
Lab File: BN016950.D
Acq: 14 Oct 2021 14:33

Tgt Ion:152 Resp: 144165

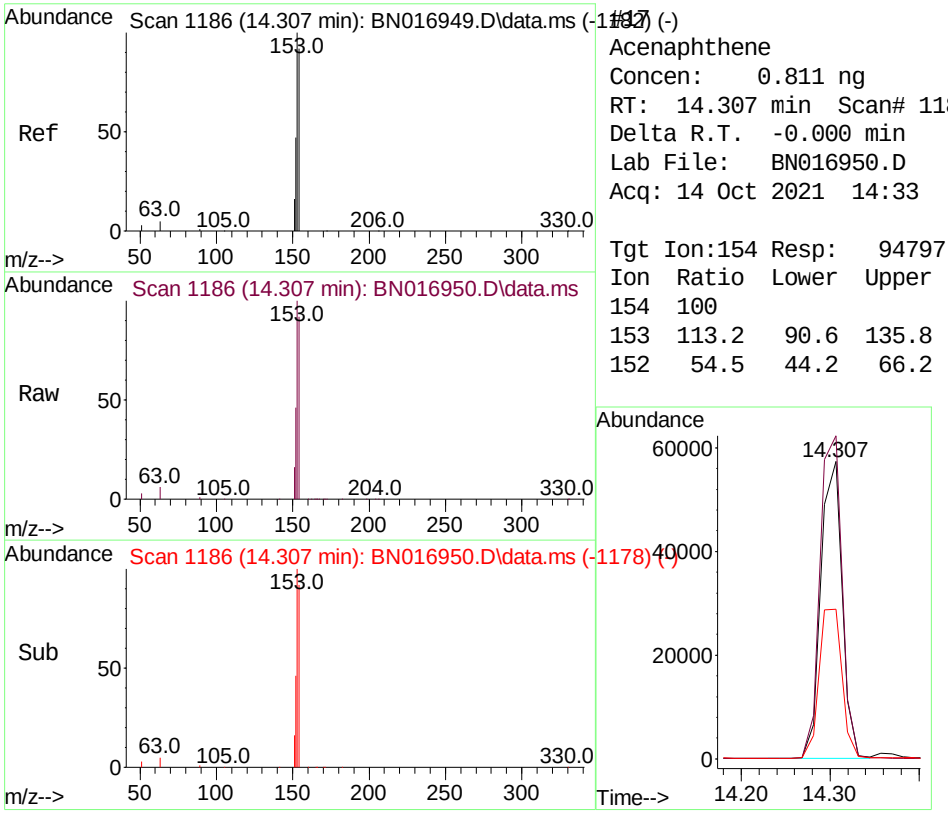
Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.4	23.2
153	13.0	10.5	15.7







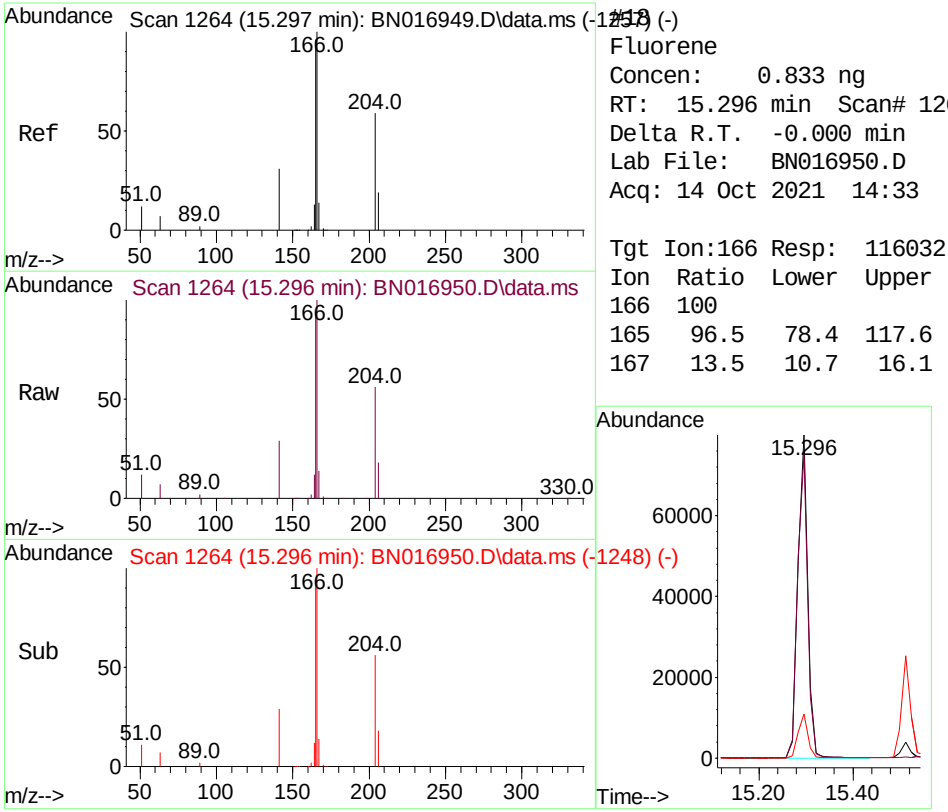
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8



#17
Acenaphthene
Concen: 0.811 ng
RT: 14.307 min Scan# 1186
Delta R.T. -0.000 min
Lab File: BN016950.D
Acq: 14 Oct 2021 14:33

Tgt Ion:154 Resp: 94797

Ion	Ratio	Lower	Upper
154	100		
153	113.2	90.6	135.8
152	54.5	44.2	66.2

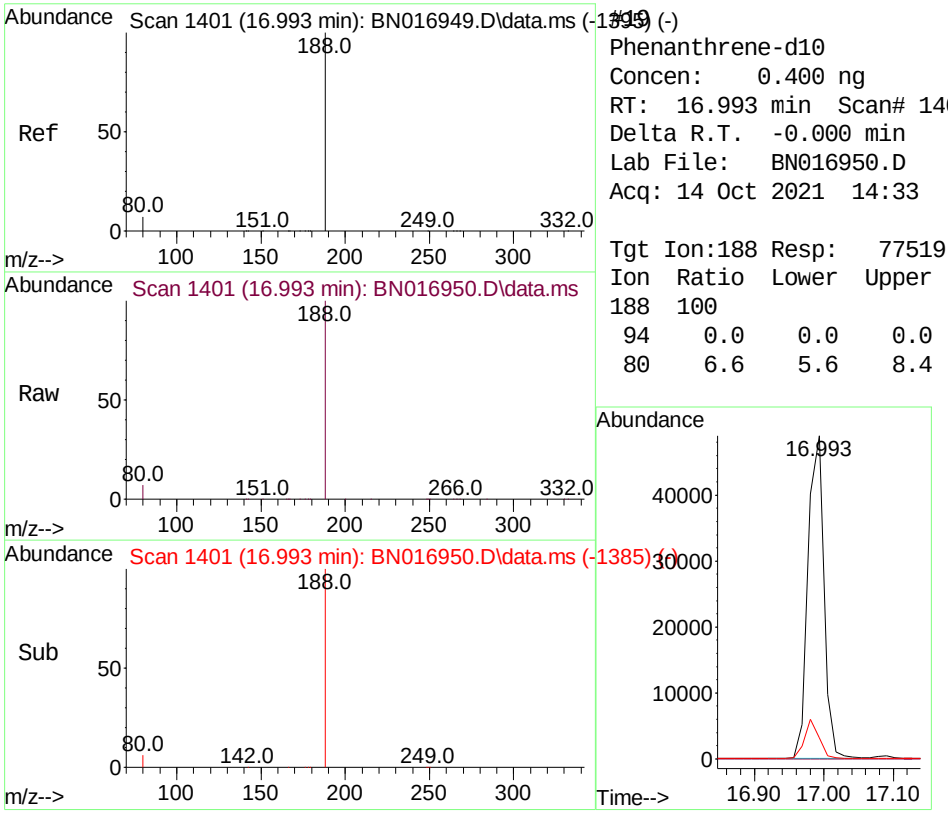


#18
Fluorene
Concen: 0.833 ng
RT: 15.296 min Scan# 1264
Delta R.T. -0.000 min
Lab File: BN016950.D
Acq: 14 Oct 2021 14:33

Tgt Ion:166 Resp: 116032

Ion	Ratio	Lower	Upper
166	100		
165	96.5	78.4	117.6
167	13.5	10.7	16.1

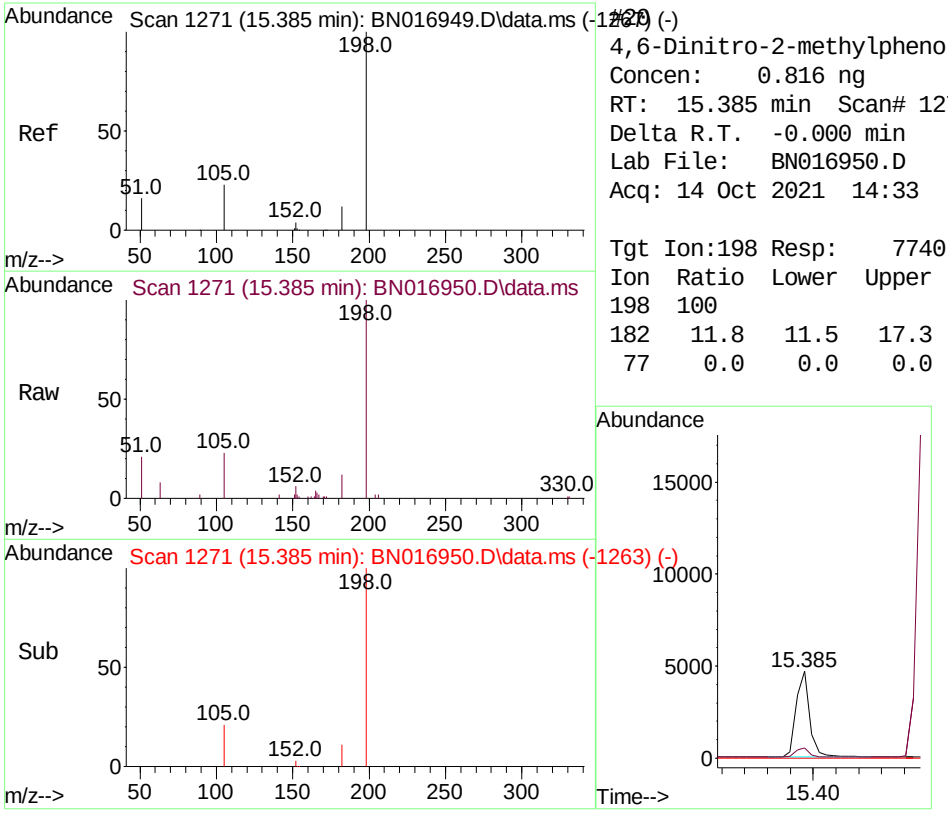
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.993 min Scan# 1401
Delta R.T. -0.000 min
Lab File: BN016950.D
Acq: 14 Oct 2021 14:33

Tgt Ion:188 Resp: 77519

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.6	5.6	8.4

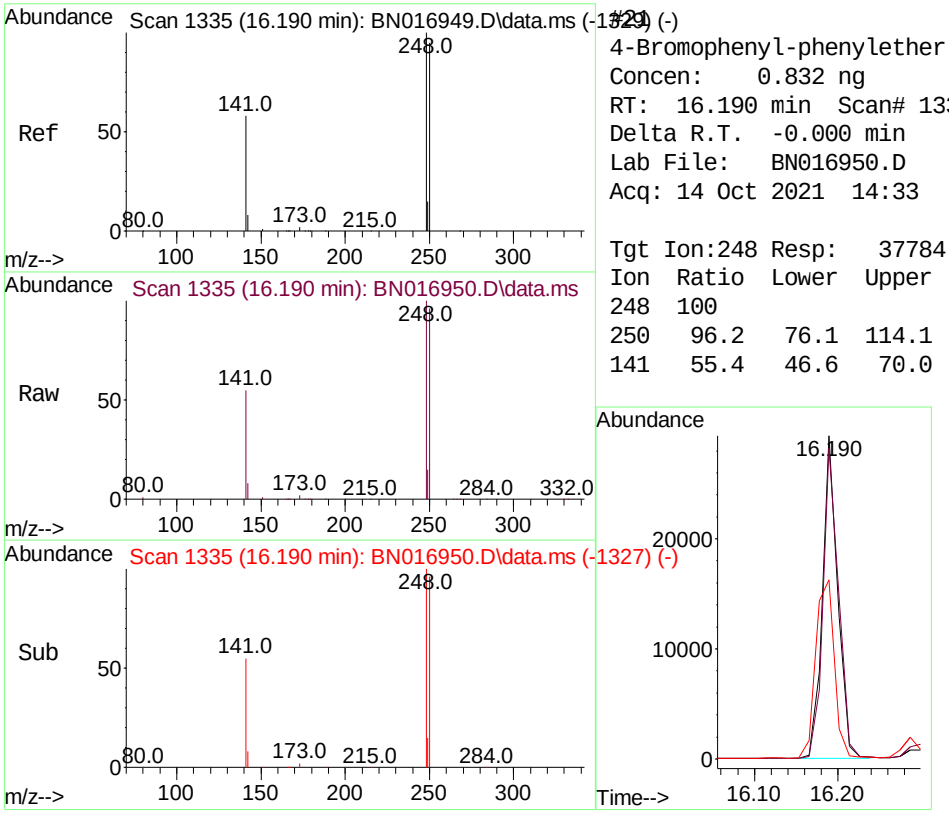


#20
4,6-Dinitro-2-methylphenol
Concen: 0.816 ng
RT: 15.385 min Scan# 1271
Delta R.T. -0.000 min
Lab File: BN016950.D
Acq: 14 Oct 2021 14:33

Tgt Ion:198 Resp: 7740

Ion	Ratio	Lower	Upper
198	100		
182	11.8	11.5	17.3
77	0.0	0.0	0.0

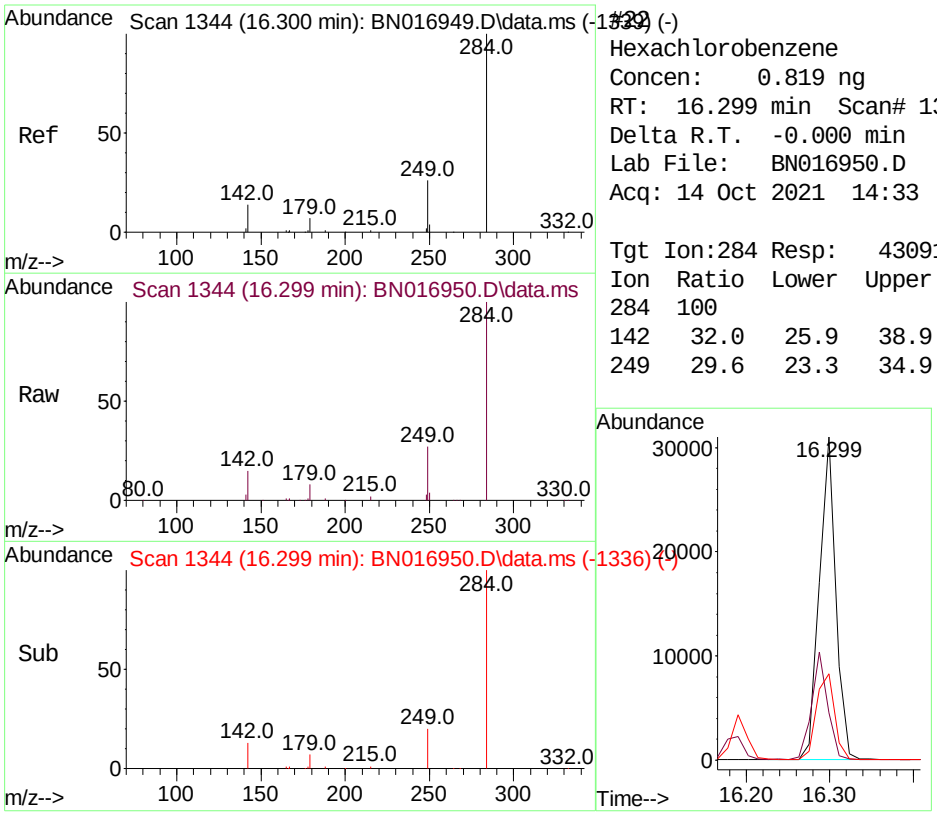
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8



#21
4-Bromophenyl-phenylether
Concen: 0.832 ng
RT: 16.190 min Scan# 1335
Delta R.T. -0.000 min
Lab File: BN016950.D
Acq: 14 Oct 2021 14:33

Tgt Ion:248 Resp: 37784

Ion	Ratio	Lower	Upper
248	100		
250	96.2	76.1	114.1
141	55.4	46.6	70.0

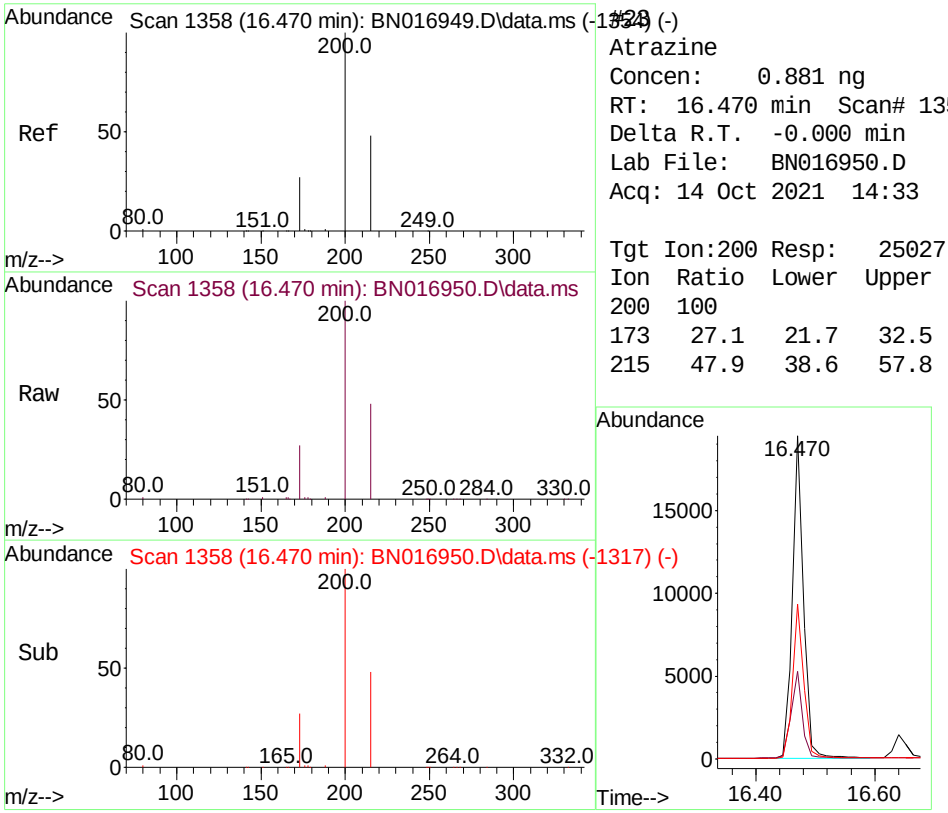


#22
Hexachlorobenzene
Concen: 0.819 ng
RT: 16.299 min Scan# 1344
Delta R.T. -0.000 min
Lab File: BN016950.D
Acq: 14 Oct 2021 14:33

Tgt Ion:284 Resp: 43091

Ion	Ratio	Lower	Upper
284	100		
142	32.0	25.9	38.9
249	29.6	23.3	34.9

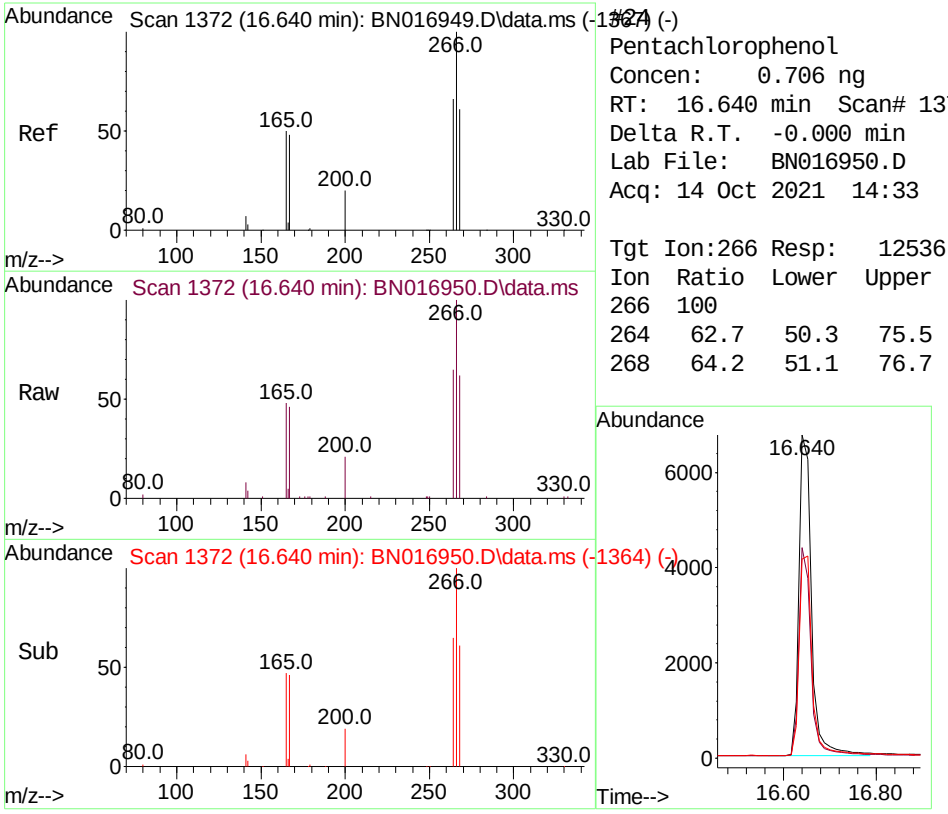
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8



#28
Atrazine
Concen: 0.881 ng
RT: 16.470 min Scan# 1358
Delta R.T. -0.000 min
Lab File: BN016950.D
Acq: 14 Oct 2021 14:33

Tgt Ion:200 Resp: 25027

Ion	Ratio	Lower	Upper
200	100		
173	27.1	21.7	32.5
215	47.9	38.6	57.8

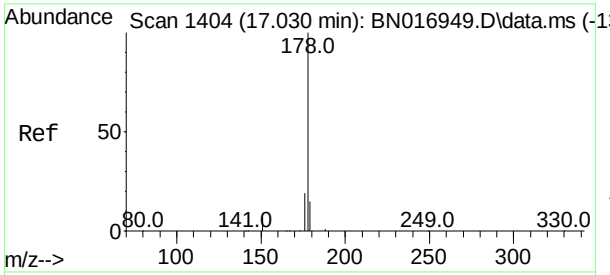


#24
Pentachlorophenol
Concen: 0.706 ng
RT: 16.640 min Scan# 1372
Delta R.T. -0.000 min
Lab File: BN016950.D
Acq: 14 Oct 2021 14:33

Tgt Ion:266 Resp: 12536

Ion	Ratio	Lower	Upper
266	100		
264	62.7	50.3	75.5
268	64.2	51.1	76.7

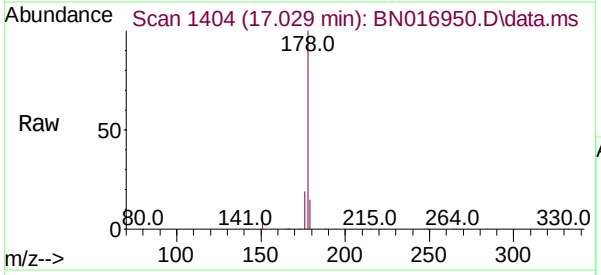
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

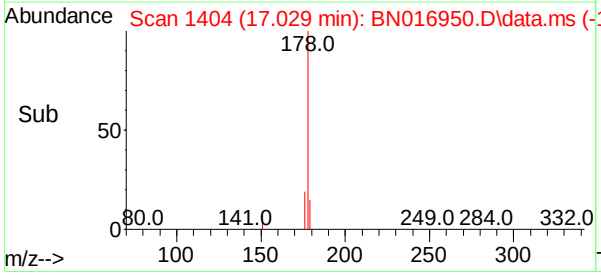


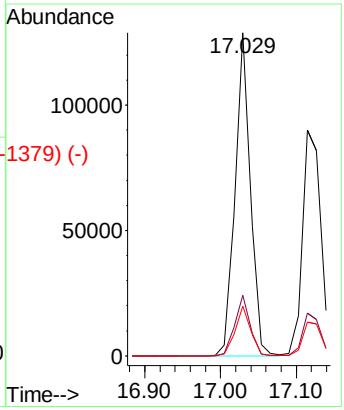
#25
Phenanthrene
Concen: 0.813 ng
RT: 17.029 min Scan# 1404
Delta R.T. -0.000 min
Lab File: BN016950.D
Acq: 14 Oct 2021 14:33

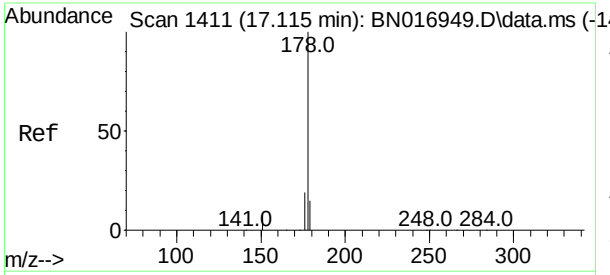
Tgt Ion:178 Resp: 179369

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.4
179	15.4	12.2	18.4





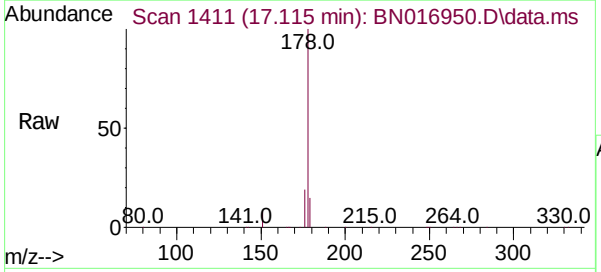


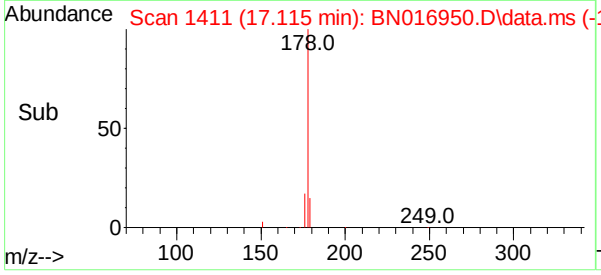


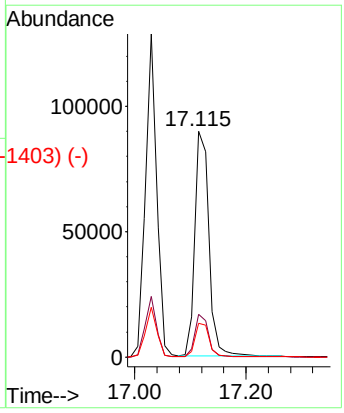
#26
Anthracene
Concen: 0.828 ng
RT: 17.115 min Scan# 1411
Delta R.T. -0.000 min
Lab File: BN016950.D
Acq: 14 Oct 2021 14:33

Tgt Ion:178 Resp: 155923

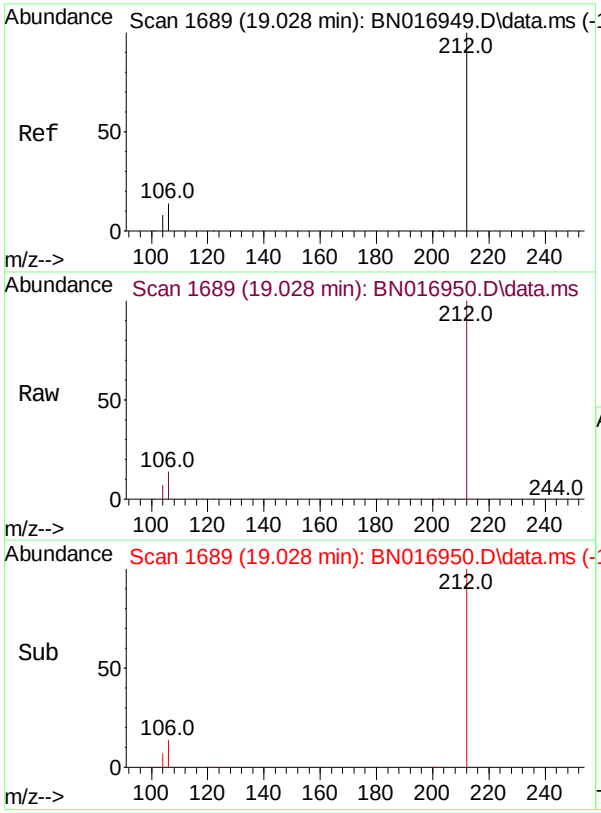
Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.6	21.8
179	15.3	12.3	18.5







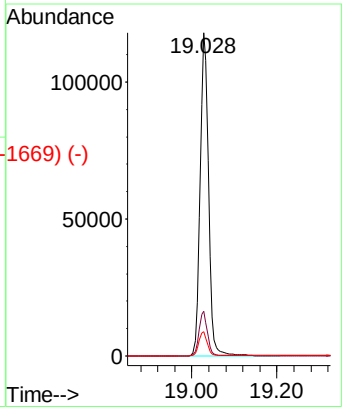
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

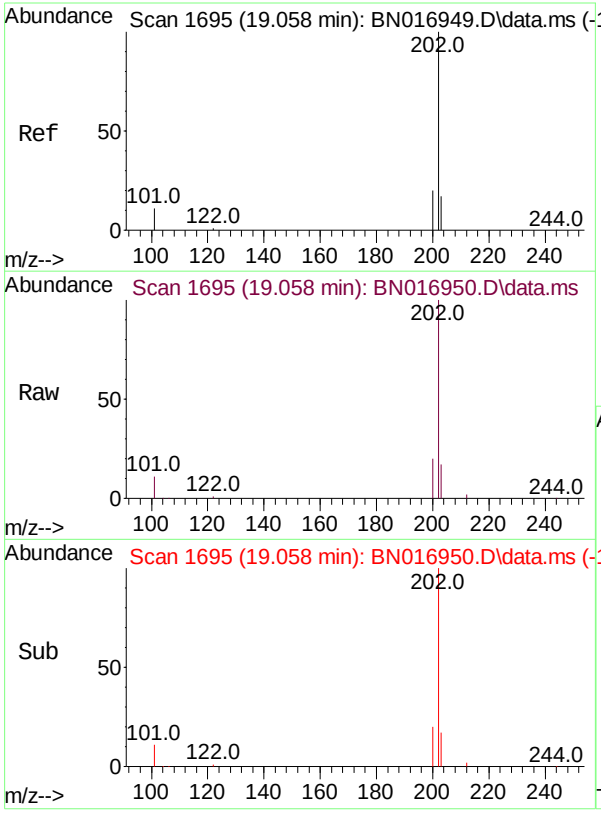


#27
Fluoranthene-d10
Concen: 0.824 ng
RT: 19.028 min Scan# 1689
Delta R.T. -0.000 min
Lab File: BN016950.D
Acq: 14 Oct 2021 14:33

Tgt Ion:212 Resp: 160455

Ion	Ratio	Lower	Upper
212	100		
106	13.6	10.9	16.3
104	7.5	6.0	9.0

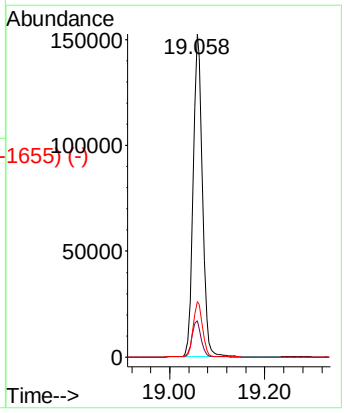


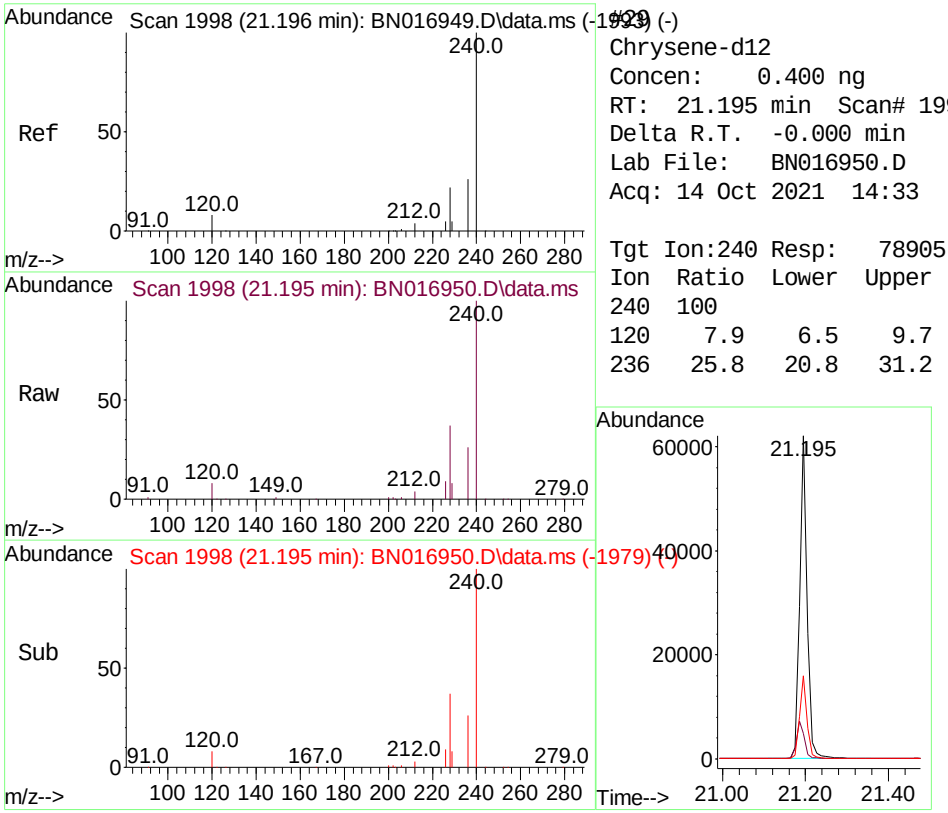


#28
Fluoranthene
Concen: 0.858 ng
RT: 19.058 min Scan# 1695
Delta R.T. -0.000 min
Lab File: BN016950.D
Acq: 14 Oct 2021 14:33

Tgt Ion:202 Resp: 204496

Ion	Ratio	Lower	Upper
202	100		
101	11.4	9.1	13.7
203	17.4	13.8	20.8



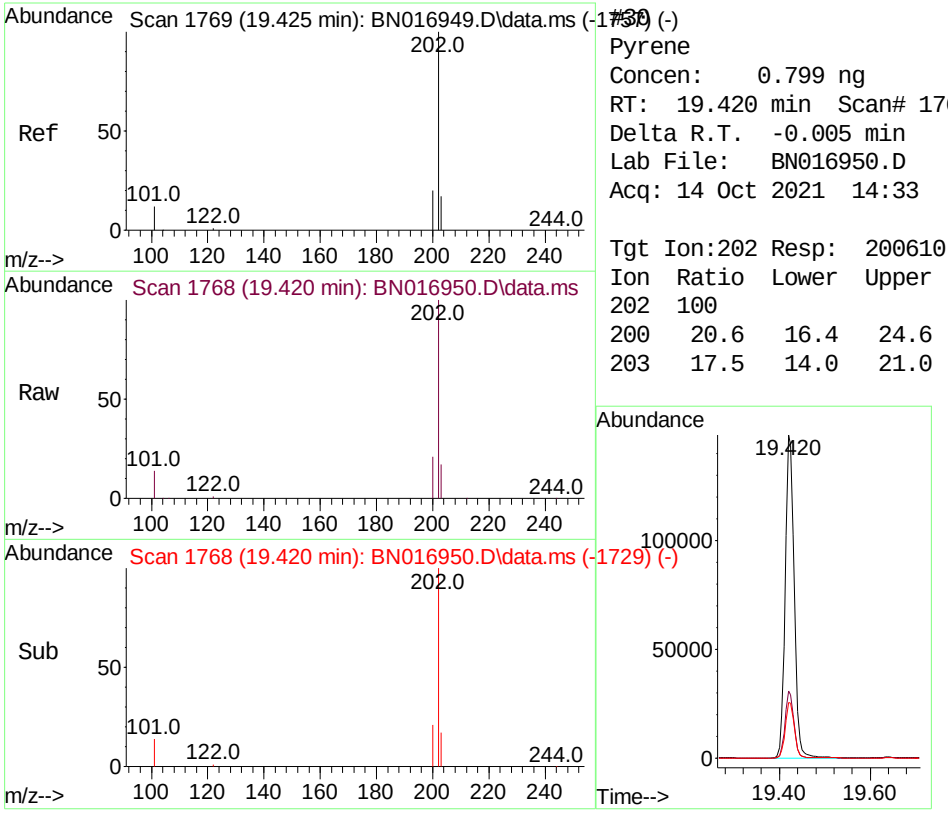


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.195 min Scan# 1998
Delta R.T. -0.000 min
Lab File: BN016950.D
Acq: 14 Oct 2021 14:33

Tgt Ion:240 Resp: 78905

Ion	Ratio	Lower	Upper
240	100		
120	7.9	6.5	9.7
236	25.8	20.8	31.2

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

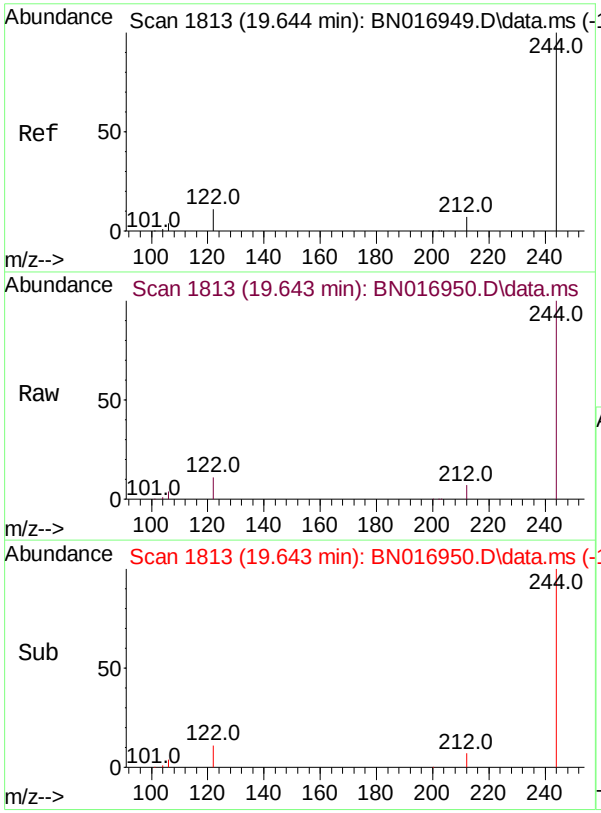


#30
Pyrene
Concen: 0.799 ng
RT: 19.420 min Scan# 1768
Delta R.T. -0.005 min
Lab File: BN016950.D
Acq: 14 Oct 2021 14:33

Tgt Ion:202 Resp: 200610

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.4	24.6
203	17.5	14.0	21.0

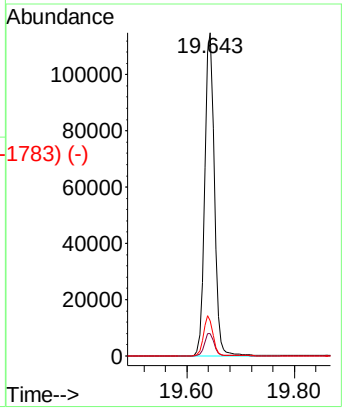
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

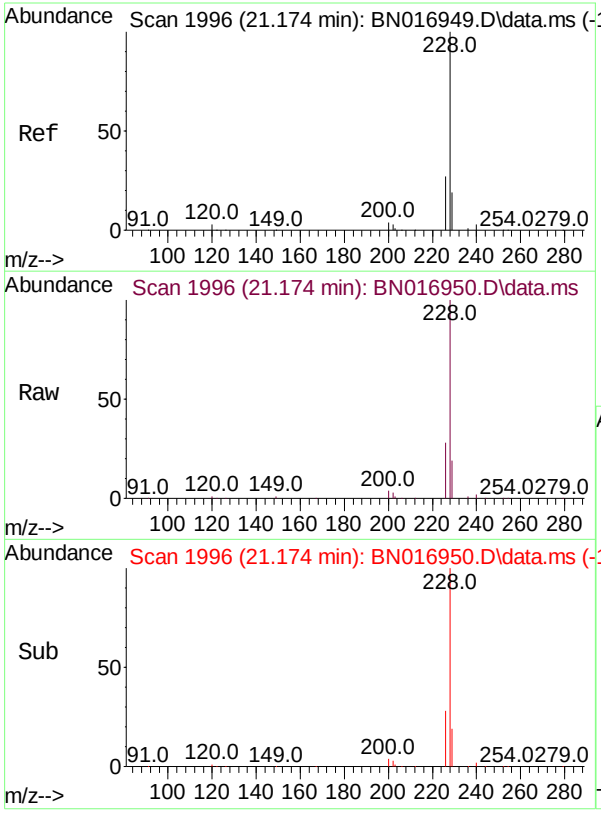


#31
Terphenyl-d14
Concen: 0.814 ng
RT: 19.643 min Scan# 1813
Delta R.T. -0.000 min
Lab File: BN016950.D
Acq: 14 Oct 2021 14:33

Tgt Ion:244 Resp: 140948

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.6	8.4
122	10.9	9.2	13.8

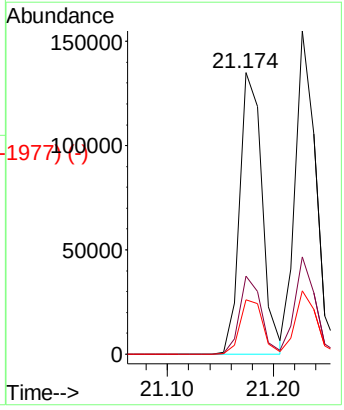




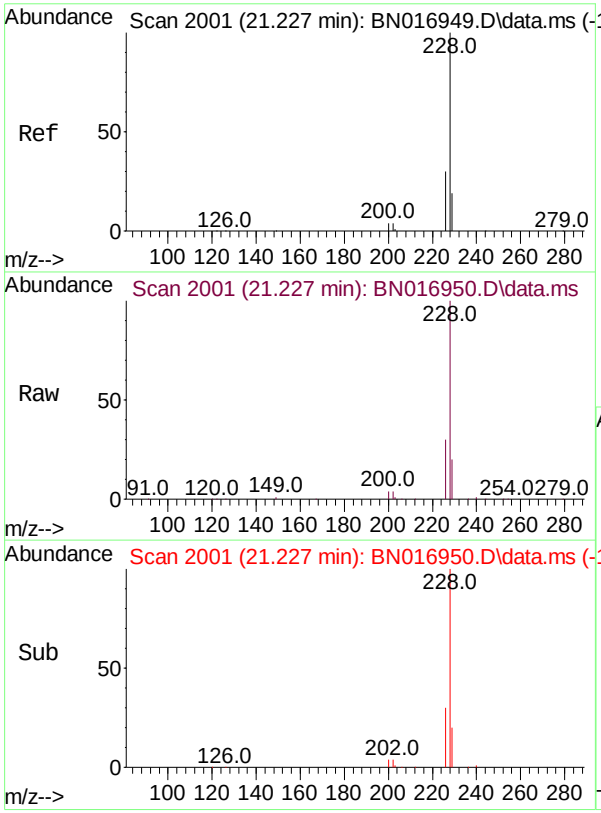
#32
Benzo(a)anthracene
Concen: 0.825 ng
RT: 21.174 min Scan# 1996
Delta R.T. -0.000 min
Lab File: BN016950.D
Acq: 14 Oct 2021 14:33

Tgt Ion:228 Resp: 196097

Ion	Ratio	Lower	Upper
228	100		
226	27.8	21.9	32.9
229	19.2	15.3	22.9



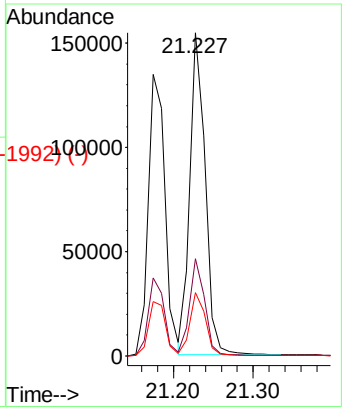
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

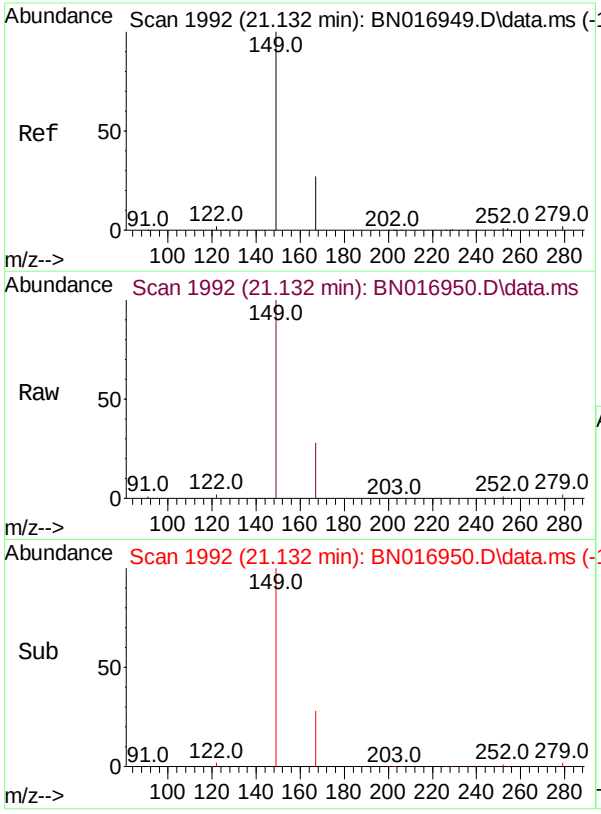


#38
Chrysene
Concen: 0.805 ng
RT: 21.227 min Scan# 2001
Delta R.T. -0.000 min
Lab File: BN016950.D
Acq: 14 Oct 2021 14:33

Tgt Ion:228 Resp: 206710

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.2	36.4
229	19.5	15.3	22.9

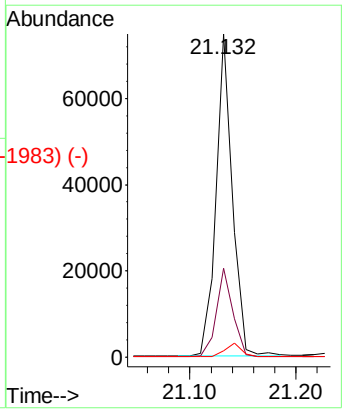




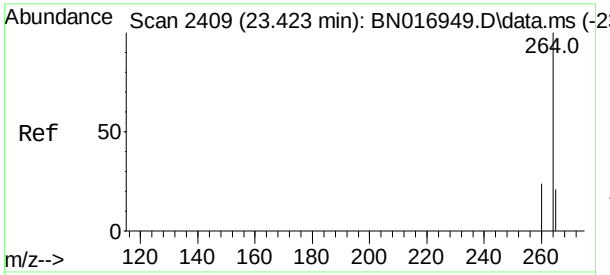
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.761 ng
RT: 21.132 min Scan# 1992
Delta R.T. -0.000 min
Lab File: BN016950.D
Acq: 14 Oct 2021 14:33

Tgt Ion:149 Resp: 79609

Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.0	33.0
279	4.3	3.4	5.2



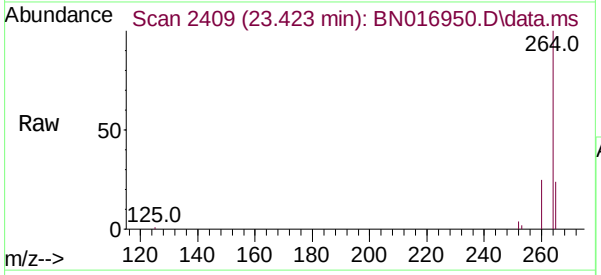
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

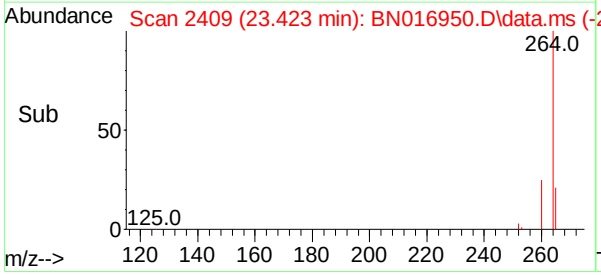


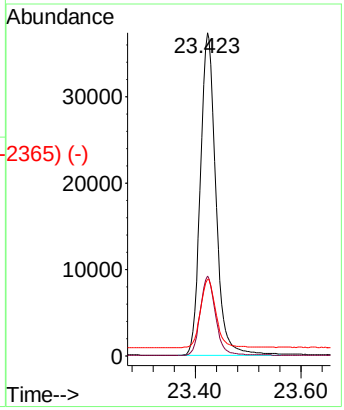
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.423 min Scan# 2409
Delta R.T. -0.000 min
Lab File: BN016950.D
Acq: 14 Oct 2021 14:33

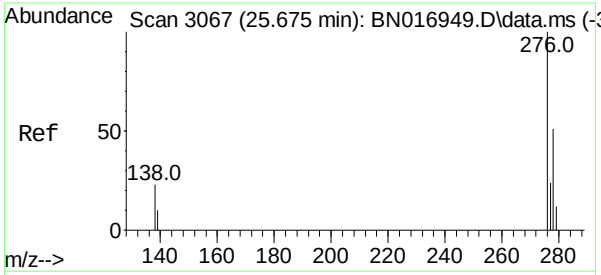
Tgt Ion:264 Resp: 75749

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.6	29.4
265	23.7	18.8	28.2





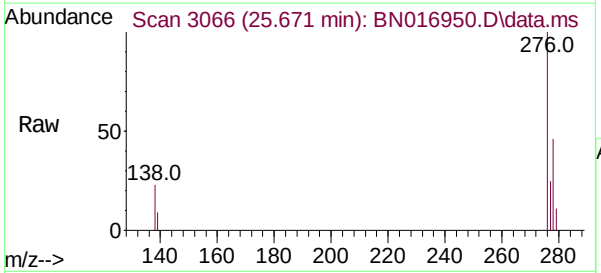


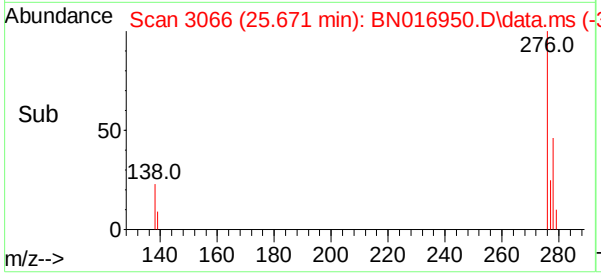


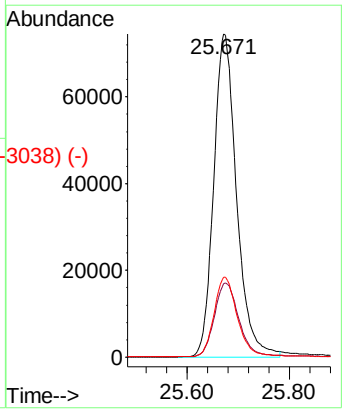
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.807 ng
RT: 25.671 min Scan# 3066
Delta R.T. -0.004 min
Lab File: BN016950.D
Acq: 14 Oct 2021 14:33

Tgt Ion:276 Resp: 231256

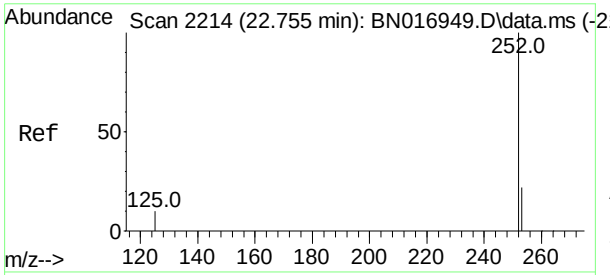
Ion	Ratio	Lower	Upper
276	100		
138	24.4	19.4	29.2
277	25.1	20.1	30.1







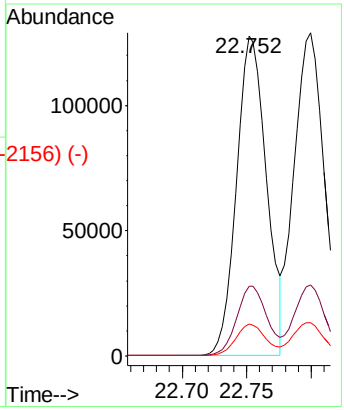
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

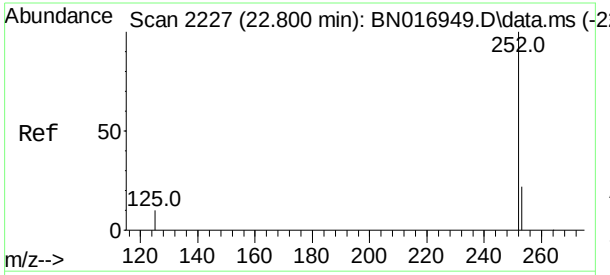


#37
Benzo(b)fluoranthene
Concen: 0.851 ng
RT: 22.752 min Scan# 2213
Delta R.T. -0.004 min
Lab File: BN016950.D
Acq: 14 Oct 2021 14:33

Tgt Ion:252 Resp: 206479

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.7	26.5
125	10.0	7.9	11.9

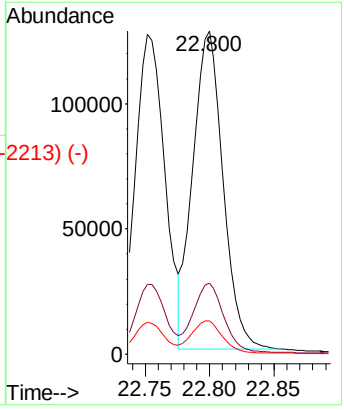




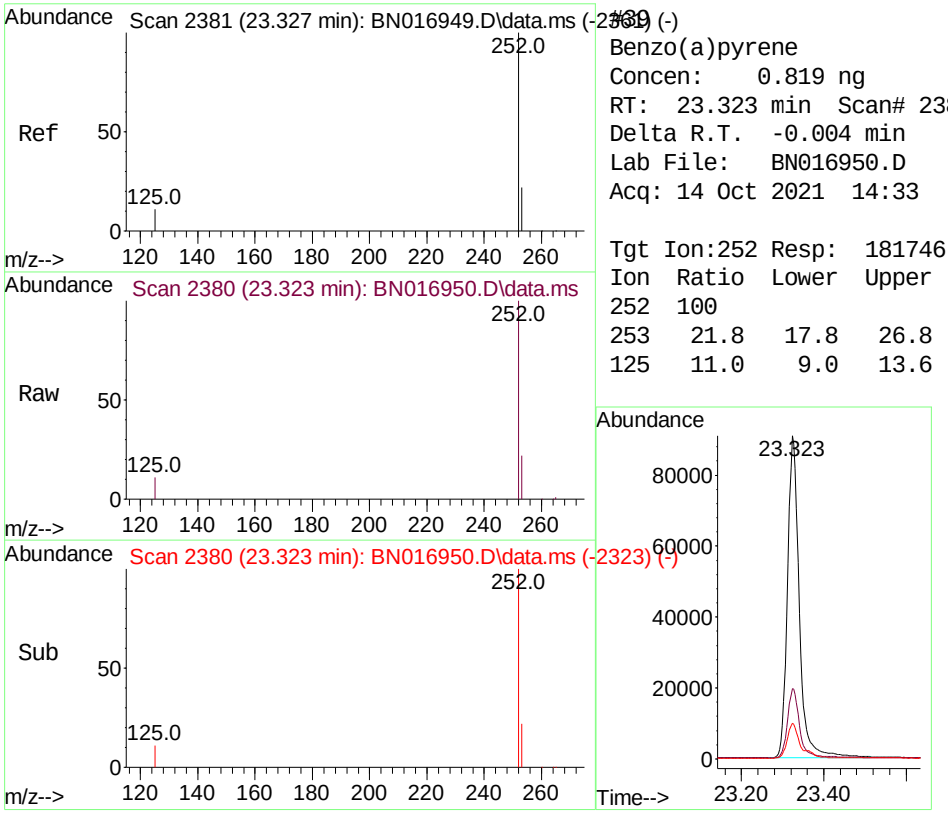
#38
Benzo(k)fluoranthene
Concen: 0.862 ng
RT: 22.800 min Scan# 2227
Delta R.T. -0.000 min
Lab File: BN016950.D
Acq: 14 Oct 2021 14:33

Tgt Ion:252 Resp: 207603

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	10.2	8.4	12.6



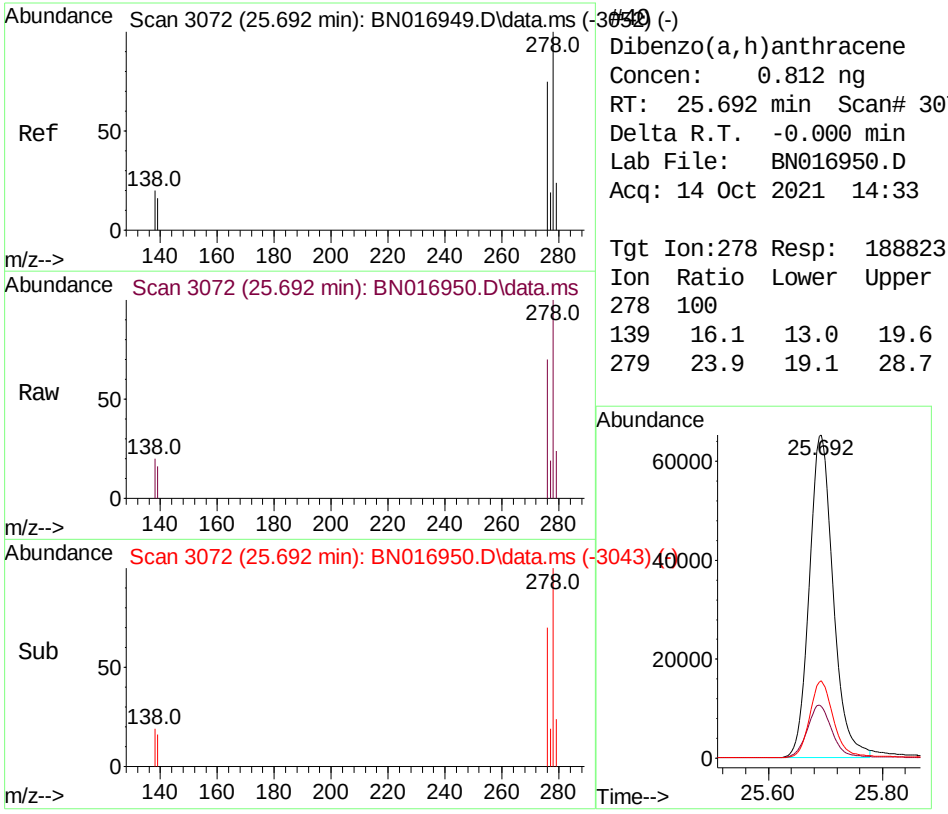
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8



#39
Benzo(a)pyrene
Concen: 0.819 ng
RT: 23.323 min Scan# 2380
Delta R.T. -0.004 min
Lab File: BN016950.D
Acq: 14 Oct 2021 14:33

Tgt Ion:252 Resp: 181746

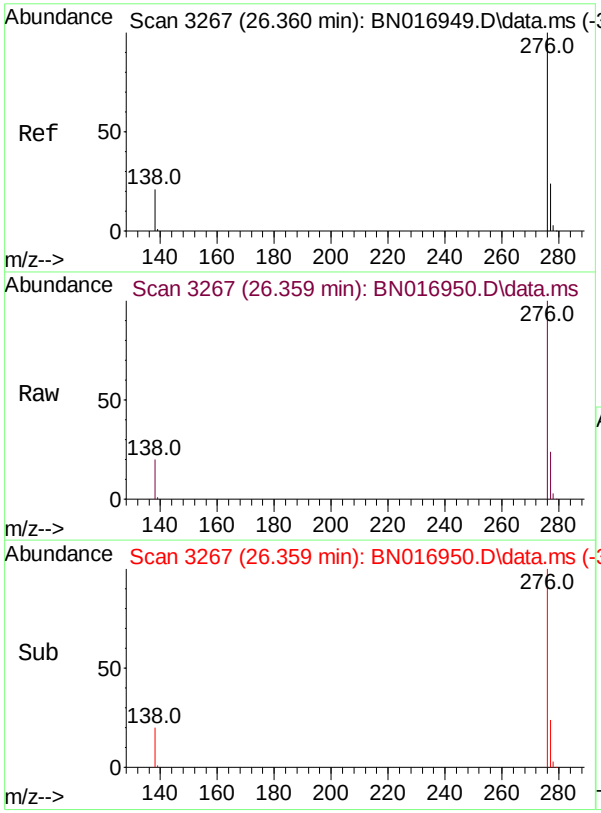
Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.8
125	11.0	9.0	13.6



#40
Dibenzo(a,h)anthracene
Concen: 0.812 ng
RT: 25.692 min Scan# 3072
Delta R.T. -0.000 min
Lab File: BN016950.D
Acq: 14 Oct 2021 14:33

Tgt Ion:278 Resp: 188823

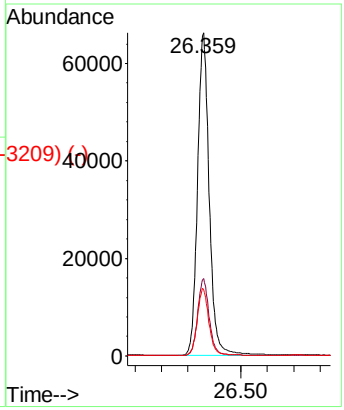
Ion	Ratio	Lower	Upper
278	100		
139	16.1	13.0	19.6
279	23.9	19.1	28.7



#41
Benzo(g,h,i)perylene
Concen: 0.813 ng
RT: 26.359 min Scan# 3267
Delta R.T. -0.000 min
Lab File: BN016950.D
Acq: 14 Oct 2021 14:33

Tgt Ion:276 Resp: 202266

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.1	28.7
138	20.4	16.8	25.2



Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8