Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
Data File : BN016598.D
Acq On : 30 Sep 2021 13:42
Operator : CG/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.1

Quant Time: Sep 30 15:28:46 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 30 15:26:45 2021
Response via : Initial Calibration

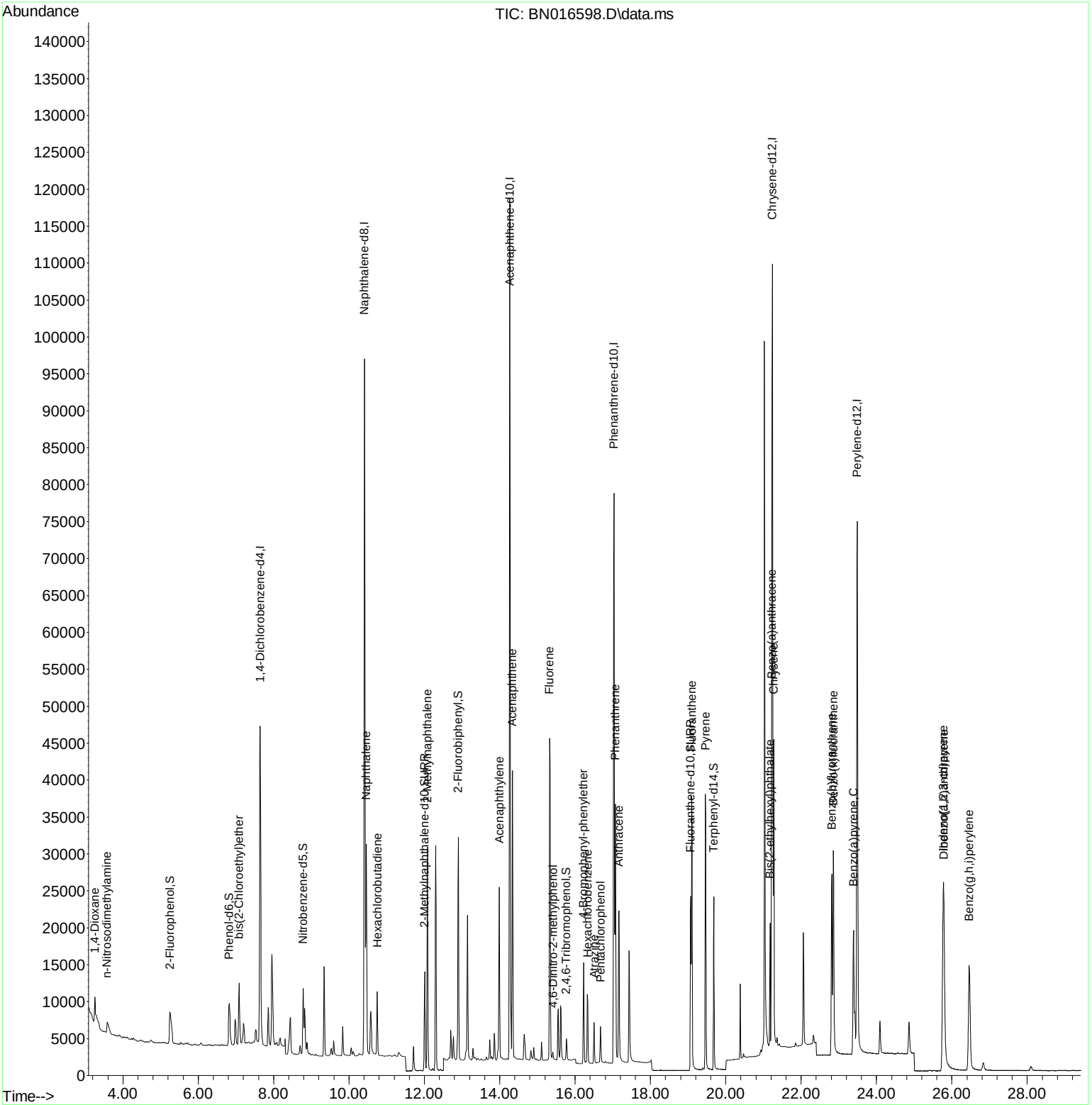
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.642	152	28425	0.400	ng		0.00
7) Naphthalene-d8	10.407	136	127414	0.400	ng		0.00
13) Acenaphthene-d10	14.269	164	66280	0.400	ng		0.00
19) Phenanthrene-d10	17.030	188	115385	0.400	ng		0.00
29) Chrysene-d12	21.238	240	98789	0.400	ng		0.00
35) Perylene-d12	23.488	264	98761	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.254	112	7466	0.102	ng		0.00
5) Phenol-d6	6.822	99	7877	0.101	ng		0.00
8) Nitrobenzene-d5	8.784	82	8019	0.100	ng		0.00
11) 2-Methylnaphthalene-d10	12.007	152	18725	0.101	ng		0.00
14) 2,4,6-Tribromophenol	15.766	330	2467	0.082	ng		0.00
15) 2-Fluorobiphenyl	12.898	172	28259	0.104	ng		0.00
27) Fluoranthene-d10	19.068	212	27938	0.088	ng		0.00
31) Terphenyl-d14	19.678	244	24097	0.112	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.253	88	1398	0.099	ng	#	32
3) n-Nitrosodimethylamine	3.576	42	1903	0.089	ng	#	86
6) bis(2-Chloroethyl)ether	7.080	93	7925	0.103	ng		100
9) Naphthalene	10.457	128	35908	0.102	ng		99
10) Hexachlorobutadiene	10.749	225	6620	0.101	ng	#	100
12) 2-Methylnaphthalene	12.078	142	22345	0.102	ng		99
16) Acenaphthylene	13.990	152	25635	0.087	ng		100
17) Acenaphthene	14.332	154	18779	0.096	ng		99
18) Fluorene	15.322	166	21863	0.094	ng		100
20) 4,6-Dinitro-2-methylph...	15.411	198	799	0.061	ng	#	70
21) 4-Bromophenyl-phenylether	16.226	248	6763	0.095	ng		97
22) Hexachlorobenzene	16.336	284	8148	0.098	ng		99
23) Atrazine	16.506	200	4507	0.086	ng		98
24) Pentachlorophenol	16.677	266	2595	0.092	ng		100
25) Phenanthrene	17.066	178	34149	0.098	ng		99
26) Anthracene	17.163	178	27070	0.090	ng		100
28) Fluoranthene	19.098	202	34370	0.090	ng		99
30) Pyrene	19.460	202	34871	0.108	ng		100
32) Benzo(a)anthracene	21.217	228	30992	0.103	ng		100
33) Chrysene	21.270	228	32759	0.104	ng		100
34) Bis(2-ethylhexyl)phtha...	21.174	149	15319	0.138	ng		99
36) Indeno(1,2,3-cd)pyrene	25.767	276	35673	0.097	ng		97
37) Benzo(b)fluoranthene	22.810	252	31892	0.104	ng		96
38) Benzo(k)fluoranthene	22.855	252	32153	0.104	ng	#	90
39) Benzo(a)pyrene	23.389	252	27705	0.097	ng	#	94
40) Dibenzo(a,h)anthracene	25.788	278	28276	0.095	ng	#	93
41) Benzo(g,h,i)perylene	26.459	276	31941	0.099	ng		98

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

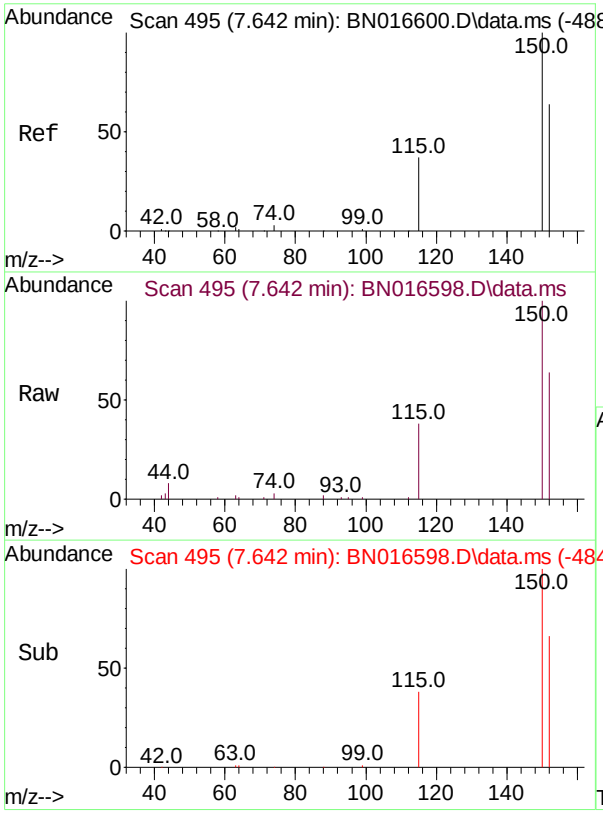
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
Data File : BN016598.D
Acq On : 30 Sep 2021 13:42
Operator : CG/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Quant Time: Sep 30 15:28:46 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 30 15:26:45 2021
Response via : Initial Calibration



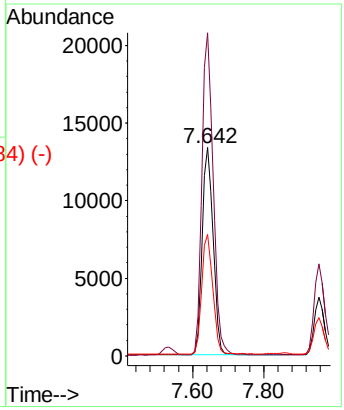
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

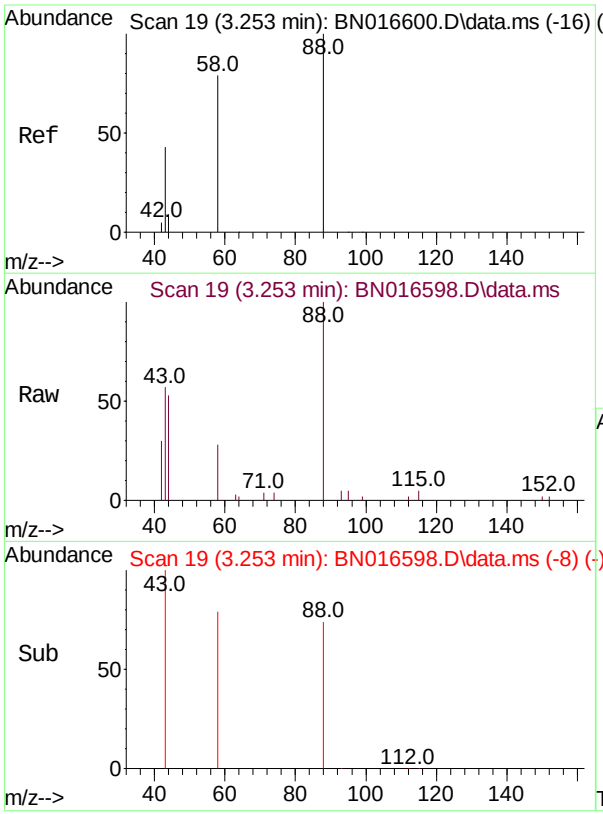


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.642 min Scan# 495
Delta R.T. 0.000 min
Lab File: BN016598.D
Acq: 30 Sep 2021 13:42

Tgt Ion:152 Resp: 28425

Ion	Ratio	Lower	Upper
152	100		
150	155.1	124.6	186.8
115	58.2	46.5	69.7

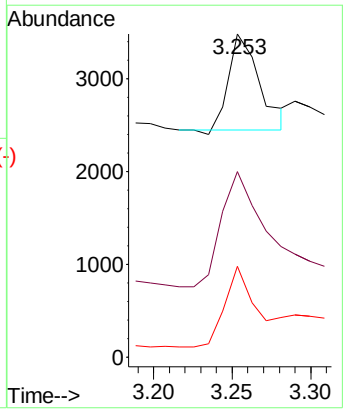




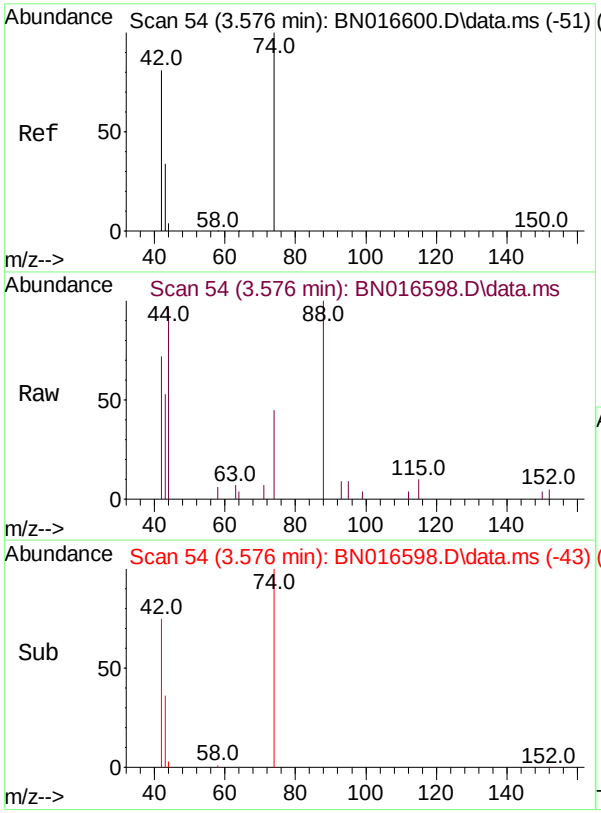
#2
1,4-Dioxane
Concen: 0.099 ng
RT: 3.253 min Scan# 19
Delta R.T. 0.000 min
Lab File: BN016598.D
Acq: 30 Sep 2021 13:42

Tgt Ion: 88 Resp: 1398

Ion	Ratio	Lower	Upper
88	100		
43	161.5	37.8	56.8#
58	80.5	61.3	91.9



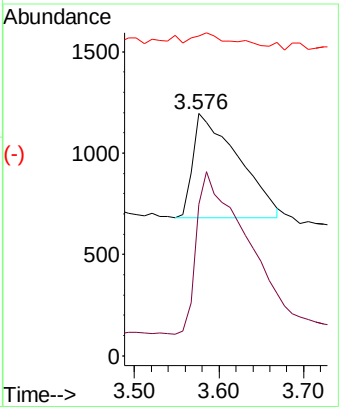
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

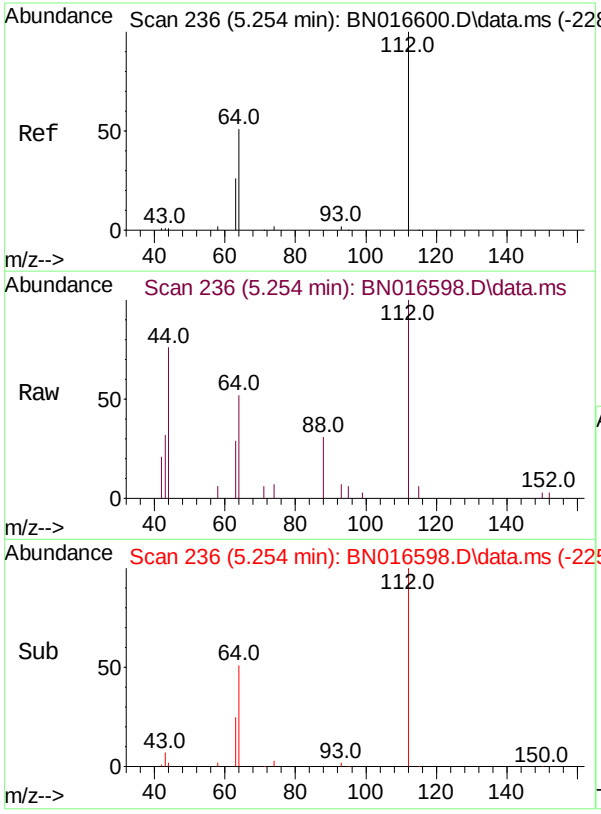


#3
n-Nitrosodimethylamine
Concen: 0.089 ng
RT: 3.576 min Scan# 54
Delta R.T. 0.000 min
Lab File: BN016598.D
Acq: 30 Sep 2021 13:42

Tgt Ion: 42 Resp: 1903

Ion	Ratio	Lower	Upper
42	100		
74	170.2	121.6	182.4
44	9.8	6.3	9.5#

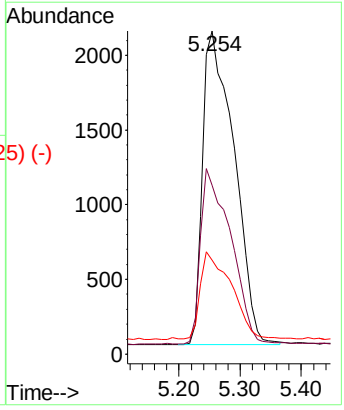




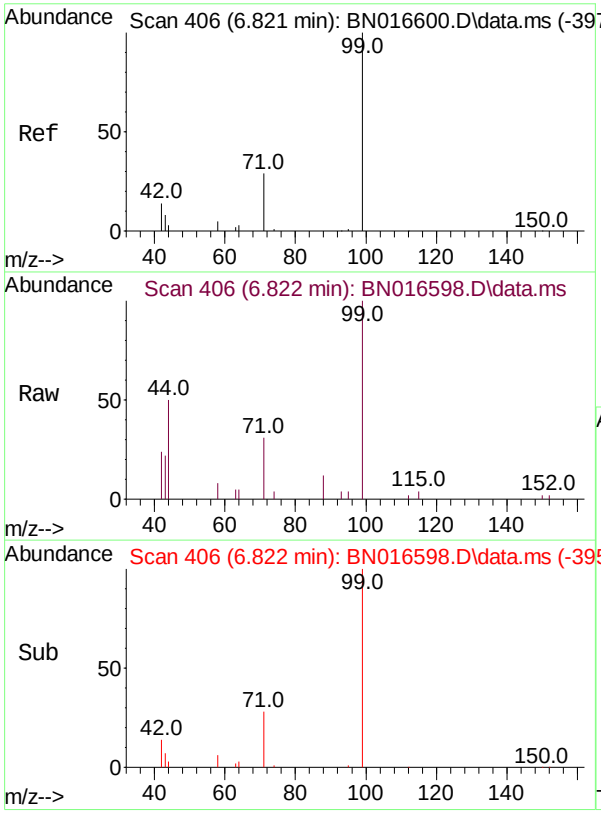
#4
2-Fluorophenol
Concen: 0.102 ng
RT: 5.254 min Scan# 236
Delta R.T. 0.000 min
Lab File: BN016598.D
Acq: 30 Sep 2021 13:42

Tgt Ion:112 Resp: 7466

Ion	Ratio	Lower	Upper
112	100		
64	53.7	43.1	64.7
63	27.7	21.6	32.4



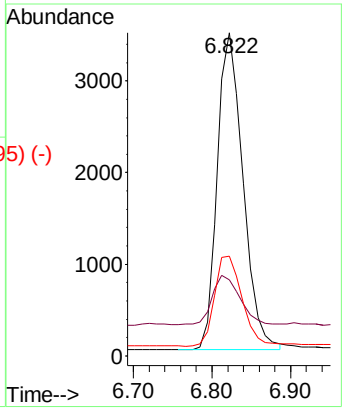
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

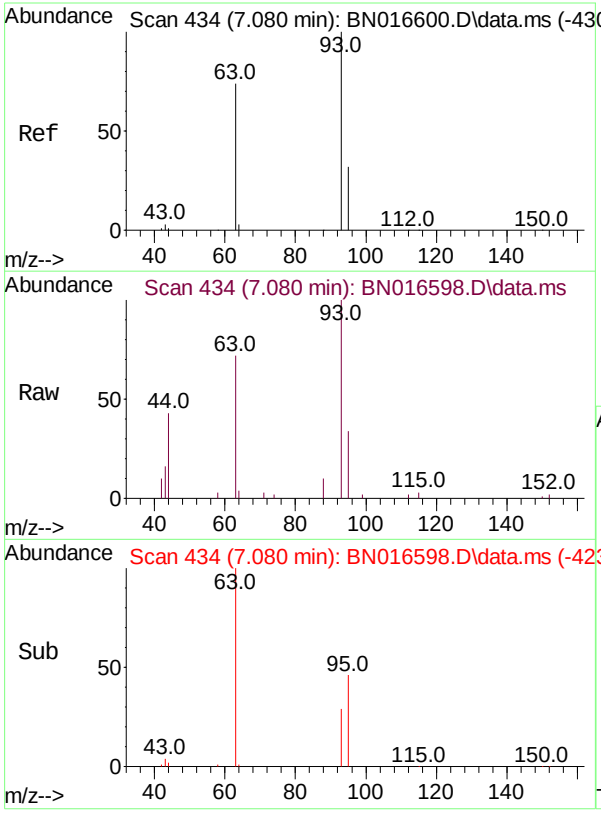


#5
Phenol-d6
Concen: 0.101 ng
RT: 6.822 min Scan# 406
Delta R.T. 0.000 min
Lab File: BN016598.D
Acq: 30 Sep 2021 13:42

Tgt Ion: 99 Resp: 7877

Ion	Ratio	Lower	Upper
99	100		
42	16.5	13.0	19.6
71	30.4	23.5	35.3

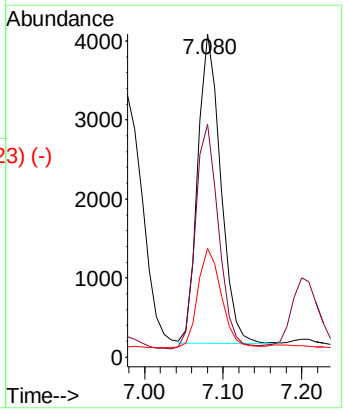




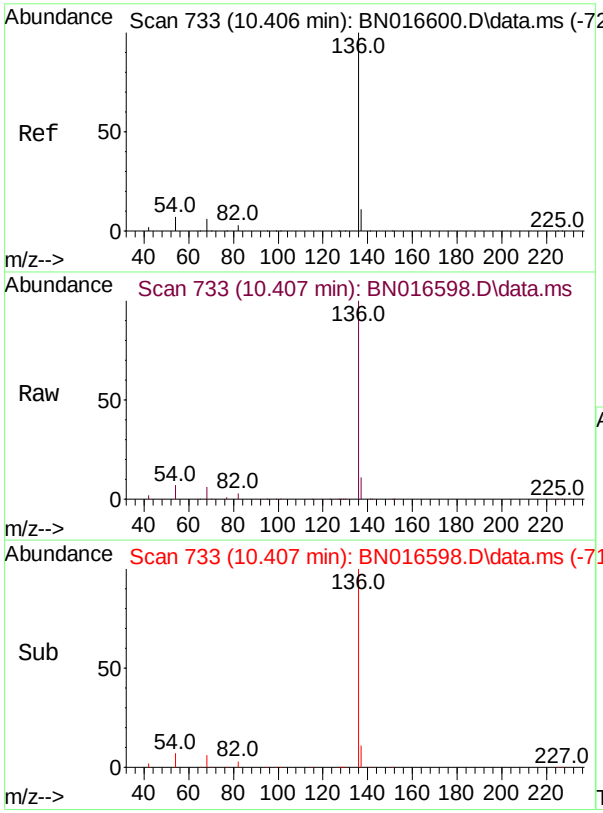
#6
bis(2-Chloroethyl)ether
Concen: 0.103 ng
RT: 7.080 min Scan# 434
Delta R.T. 0.000 min
Lab File: BN016598.D
Acq: 30 Sep 2021 13:42

Tgt Ion: 93 Resp: 7925

Ion	Ratio	Lower	Upper
93	100		
63	74.0	59.1	88.7
95	32.9	26.2	39.4



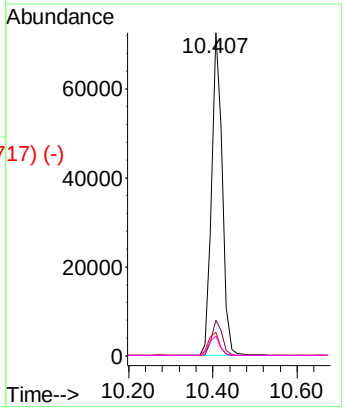
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

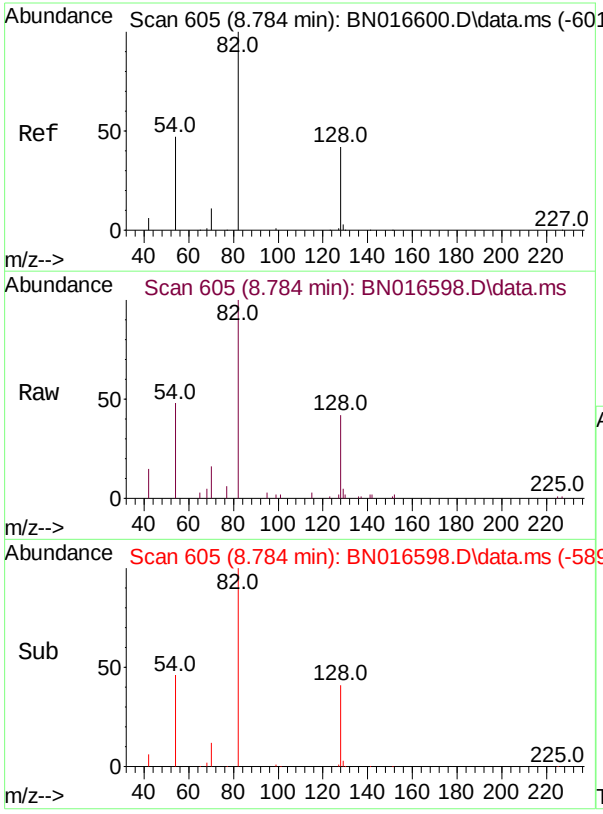


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.407 min Scan# 733
Delta R.T. 0.000 min
Lab File: BN016598.D
Acq: 30 Sep 2021 13:42

Tgt Ion:136 Resp: 127414

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	7.3	5.9	8.9
68	6.1	5.0	7.6

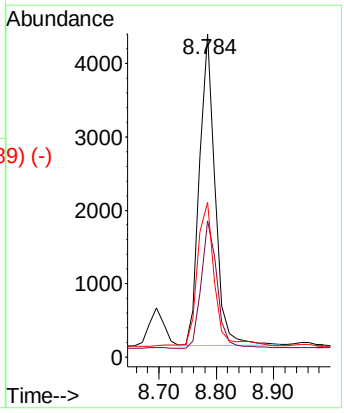




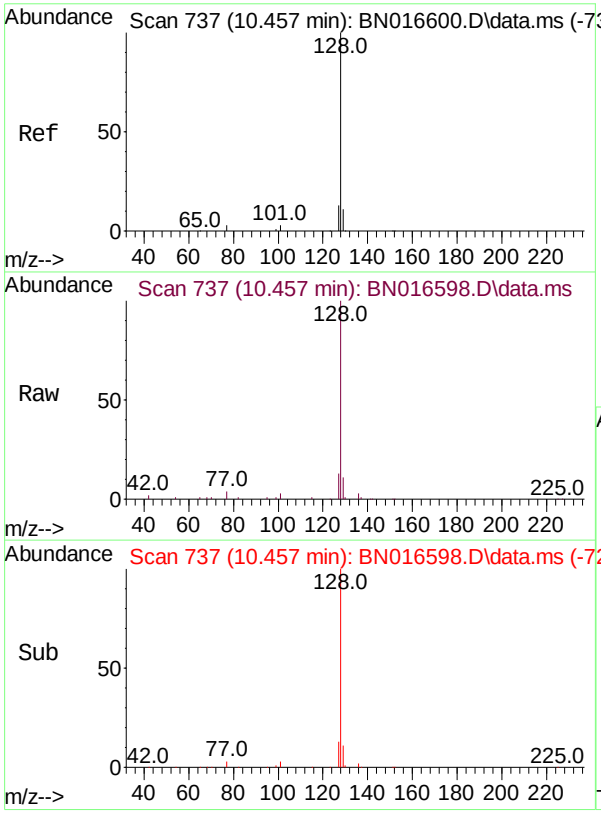
#8
Nitrobenzene-d5
Concen: 0.100 ng
RT: 8.784 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN016598.D
Acq: 30 Sep 2021 13:42

Tgt Ion: 82 Resp: 8019

Ion	Ratio	Lower	Upper
82	100		
128	42.1	33.6	50.4
54	47.8	37.6	56.4



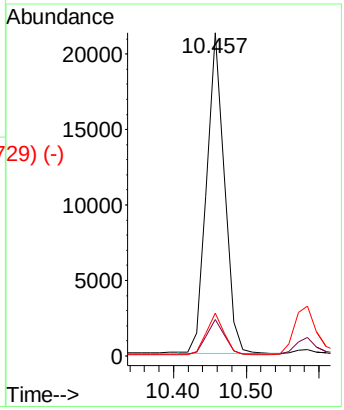
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

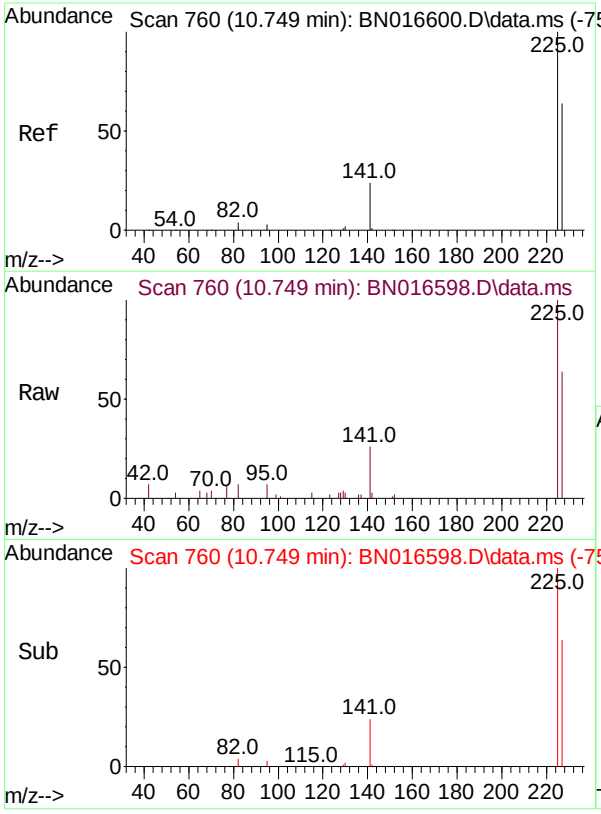


#9
Naphthalene
Concen: 0.102 ng
RT: 10.457 min Scan# 737
Delta R.T. 0.000 min
Lab File: BN016598.D
Acq: 30 Sep 2021 13:42

Tgt Ion:128 Resp: 35908

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.8	13.2
127	13.2	10.3	15.5

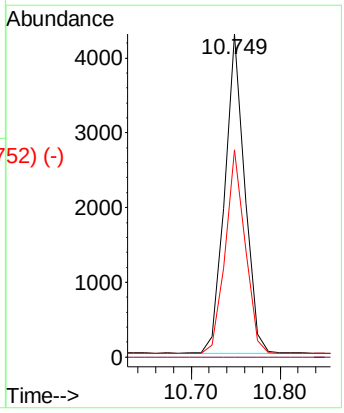




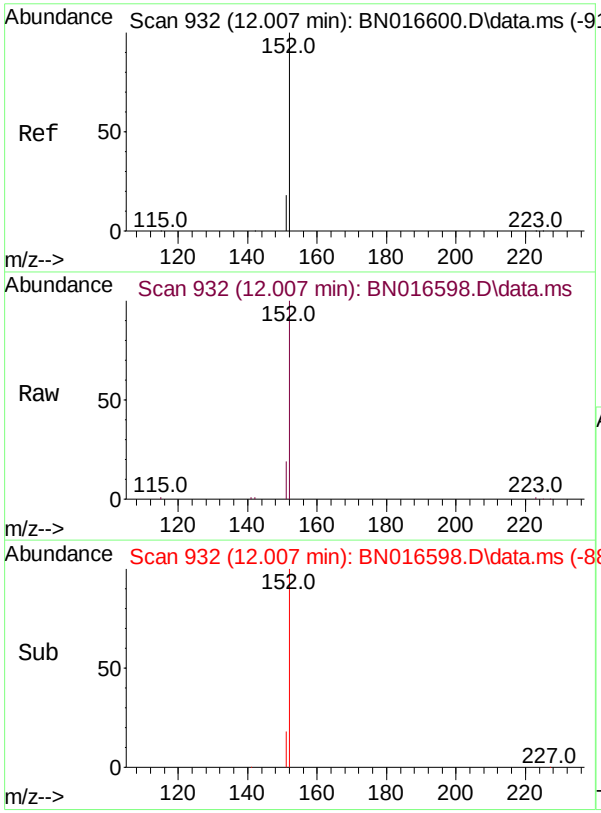
#10
Hexachlorobutadiene
Concen: 0.101 ng
RT: 10.749 min Scan# 760
Delta R.T. 0.000 min
Lab File: BN016598.D
Acq: 30 Sep 2021 13:42

Tgt Ion:225 Resp: 6620

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.6	51.0	76.6



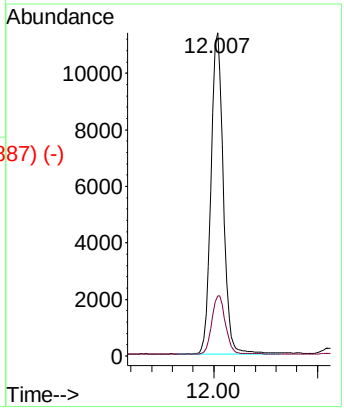
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

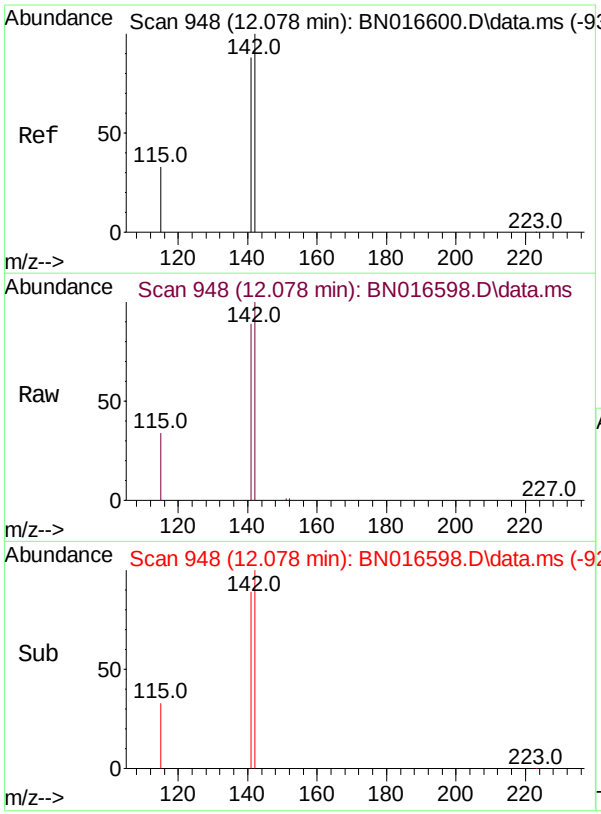


#11
2-Methylnaphthalene-d10
Concen: 0.101 ng
RT: 12.007 min Scan# 932
Delta R.T. 0.000 min
Lab File: BN016598.D
Acq: 30 Sep 2021 13:42

Tgt Ion:152 Resp: 18725

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.4

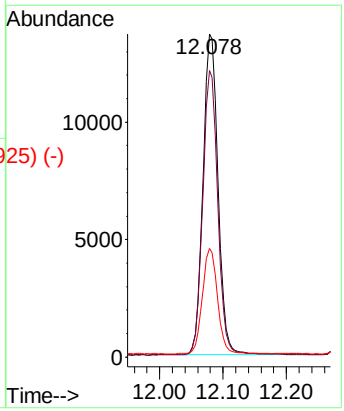




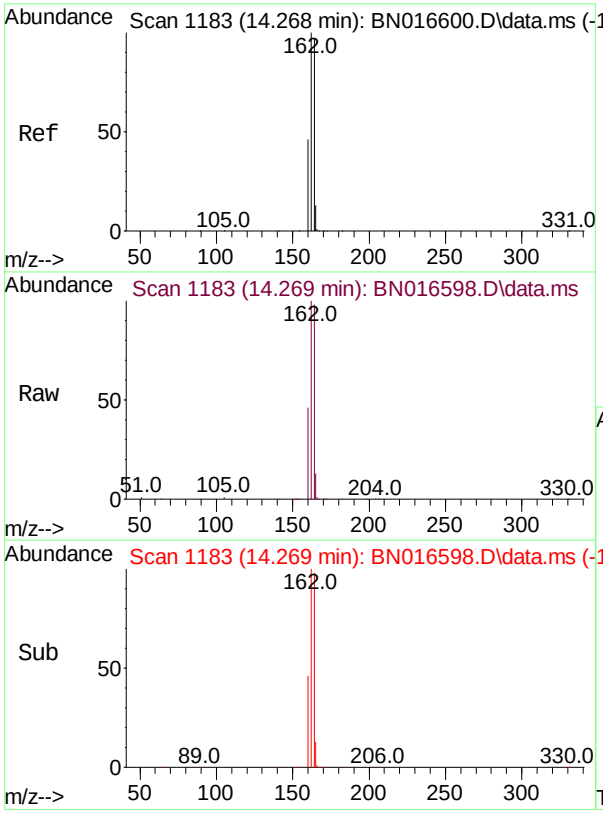
#12
2-Methylnaphthalene
Concen: 0.102 ng
RT: 12.078 min Scan# 948
Delta R.T. 0.000 min
Lab File: BN016598.D
Acq: 30 Sep 2021 13:42

Tgt Ion:142 Resp: 22345

Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.6	105.8
115	33.7	26.6	39.8



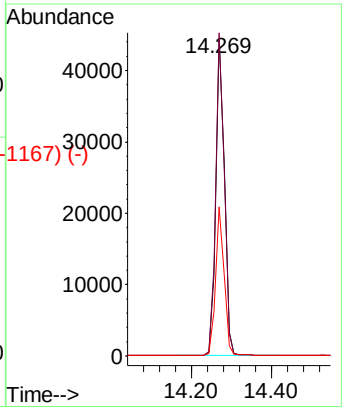
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

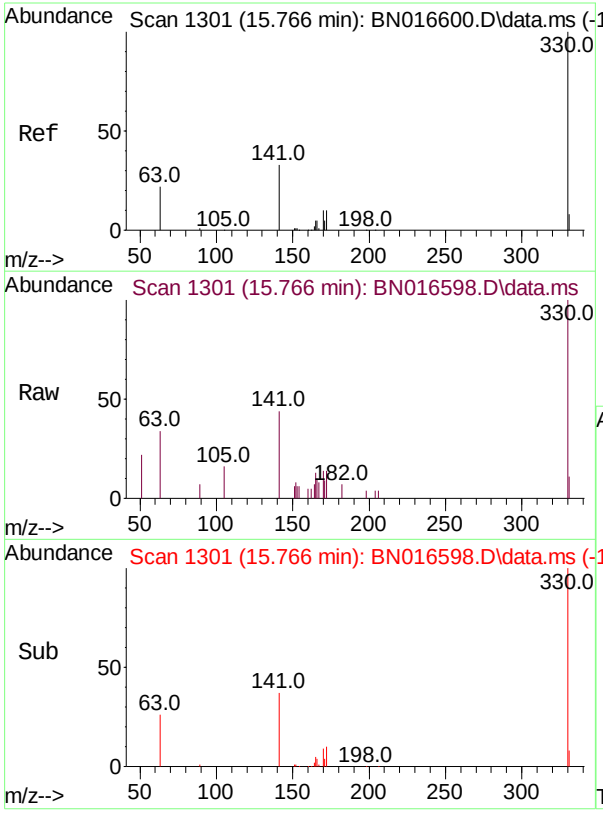


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.269 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BN016598.D
Acq: 30 Sep 2021 13:42

Tgt Ion:164 Resp: 66280

Ion	Ratio	Lower	Upper
164	100		
162	102.3	82.2	123.2
160	47.1	37.7	56.5

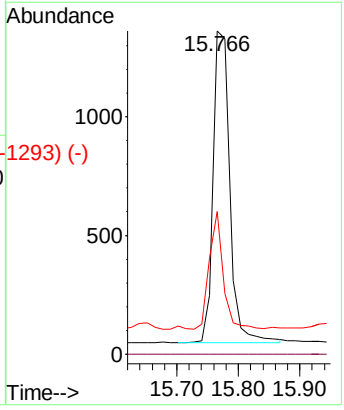




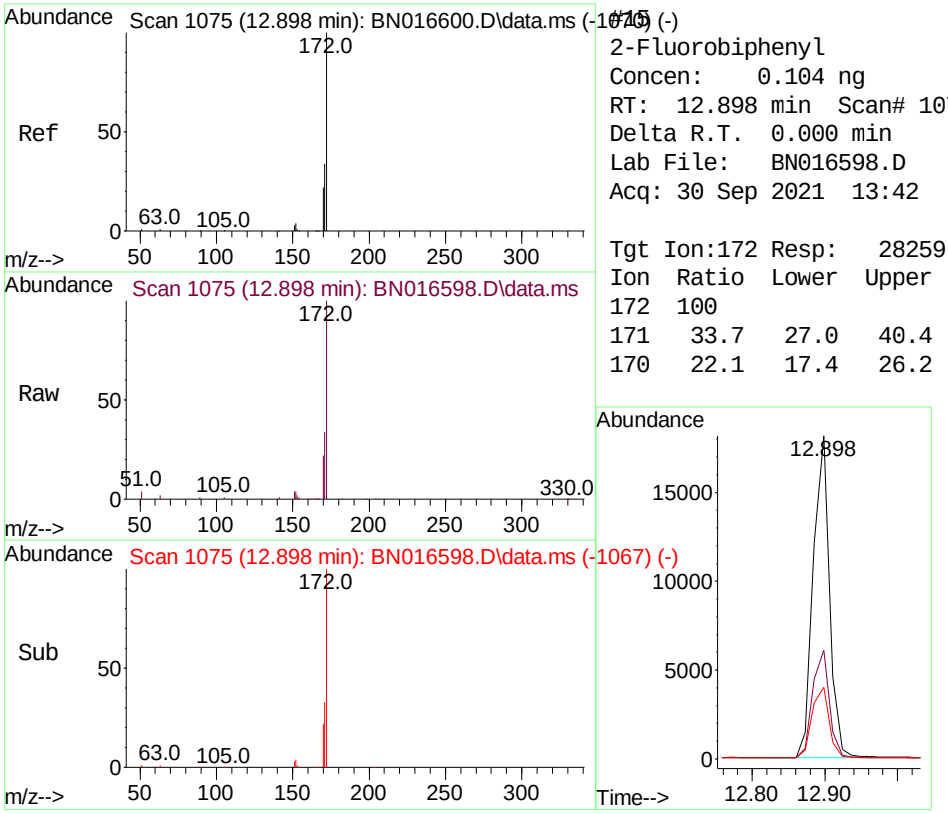
#14
2,4,6-Tribromophenol
Concen: 0.082 ng
RT: 15.766 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BN016598.D
Acq: 30 Sep 2021 13:42

Tgt Ion:330 Resp: 2467

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	32.0	25.2	37.8



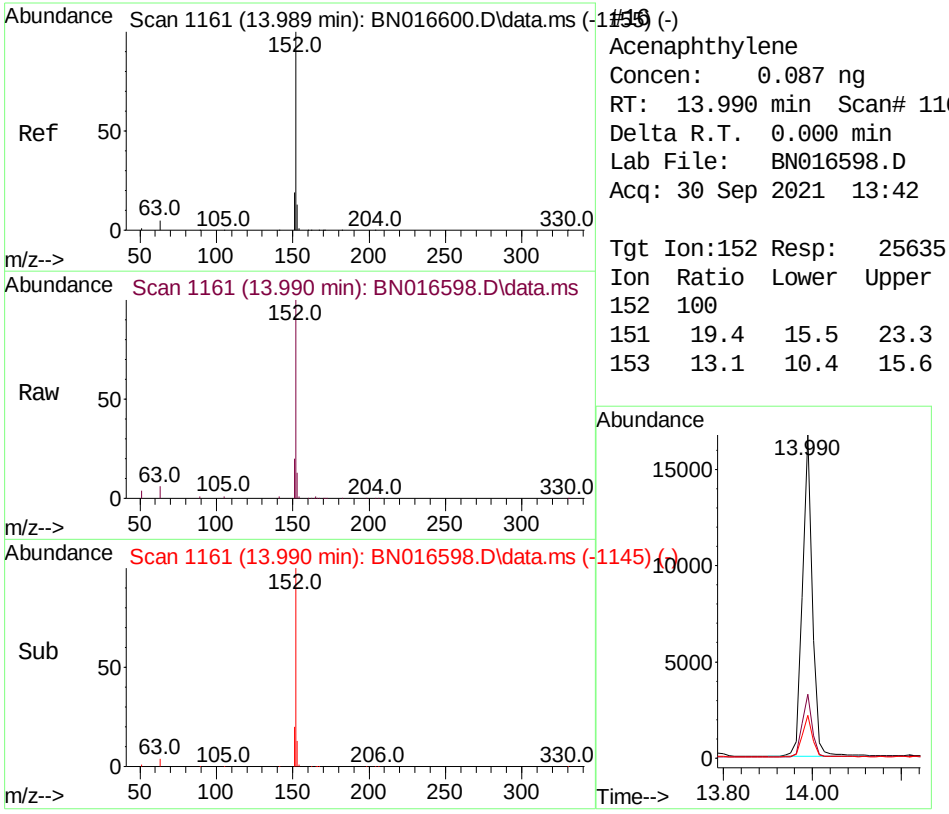
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1



#15
2-Fluorobiphenyl
Concen: 0.104 ng
RT: 12.898 min Scan# 1075
Delta R.T. 0.000 min
Lab File: BN016598.D
Acq: 30 Sep 2021 13:42

Tgt Ion:172 Resp: 28259

Ion	Ratio	Lower	Upper
172	100		
171	33.7	27.0	40.4
170	22.1	17.4	26.2

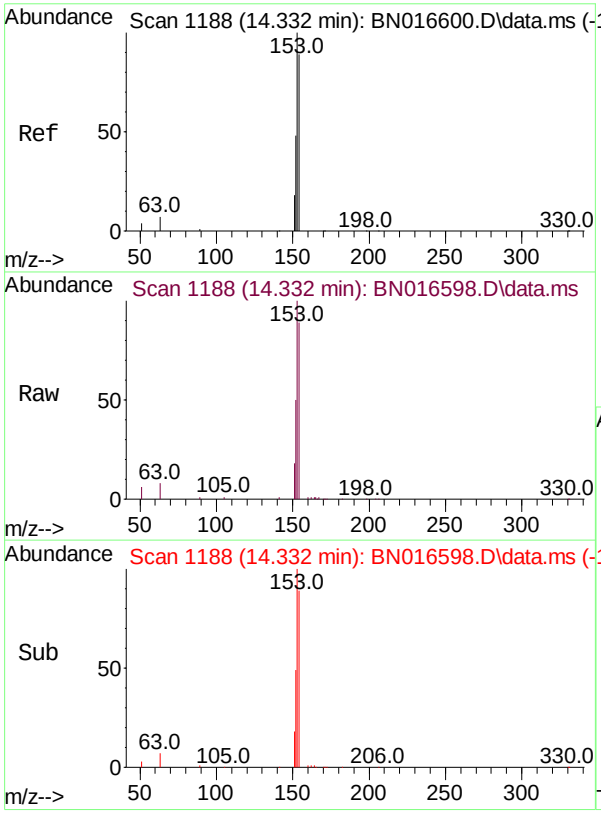


#16
Acenaphthylene
Concen: 0.087 ng
RT: 13.990 min Scan# 1161
Delta R.T. 0.000 min
Lab File: BN016598.D
Acq: 30 Sep 2021 13:42

Tgt Ion:152 Resp: 25635

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.5	23.3
153	13.1	10.4	15.6

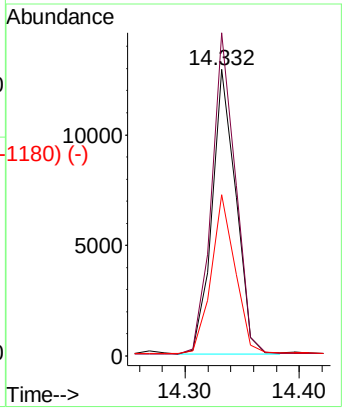
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

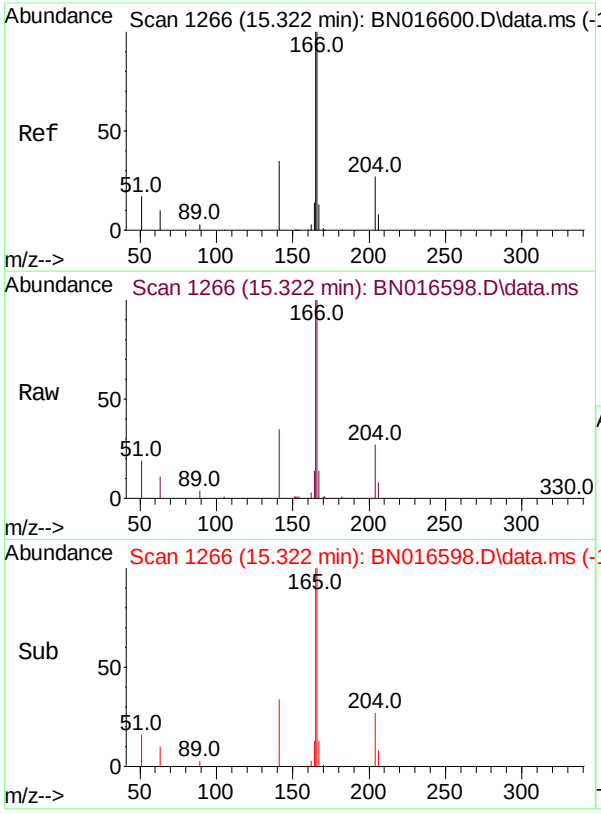


#17
Acenaphthene
Concen: 0.096 ng
RT: 14.332 min Scan# 1188
Delta R.T. 0.000 min
Lab File: BN016598.D
Acq: 30 Sep 2021 13:42

Tgt Ion:154 Resp: 18779

Ion	Ratio	Lower	Upper
154	100		
153	113.1	90.2	135.2
152	56.4	44.0	66.0

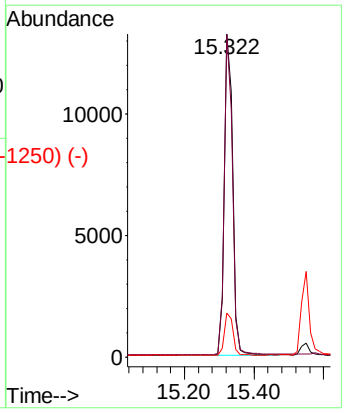




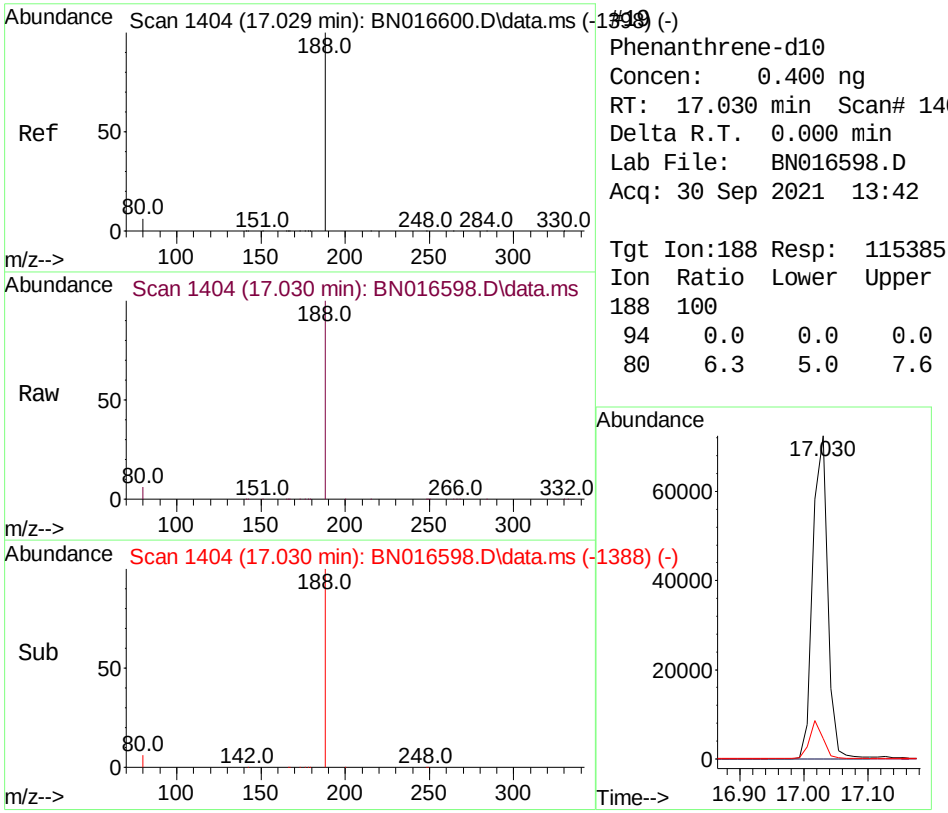
#18
Fluorene
Concen: 0.094 ng
RT: 15.322 min Scan# 1266
Delta R.T. 0.000 min
Lab File: BN016598.D
Acq: 30 Sep 2021 13:42

Tgt Ion:166 Resp: 21863

Ion	Ratio	Lower	Upper
166	100		
165	96.9	77.9	116.9
167	13.5	10.7	16.1



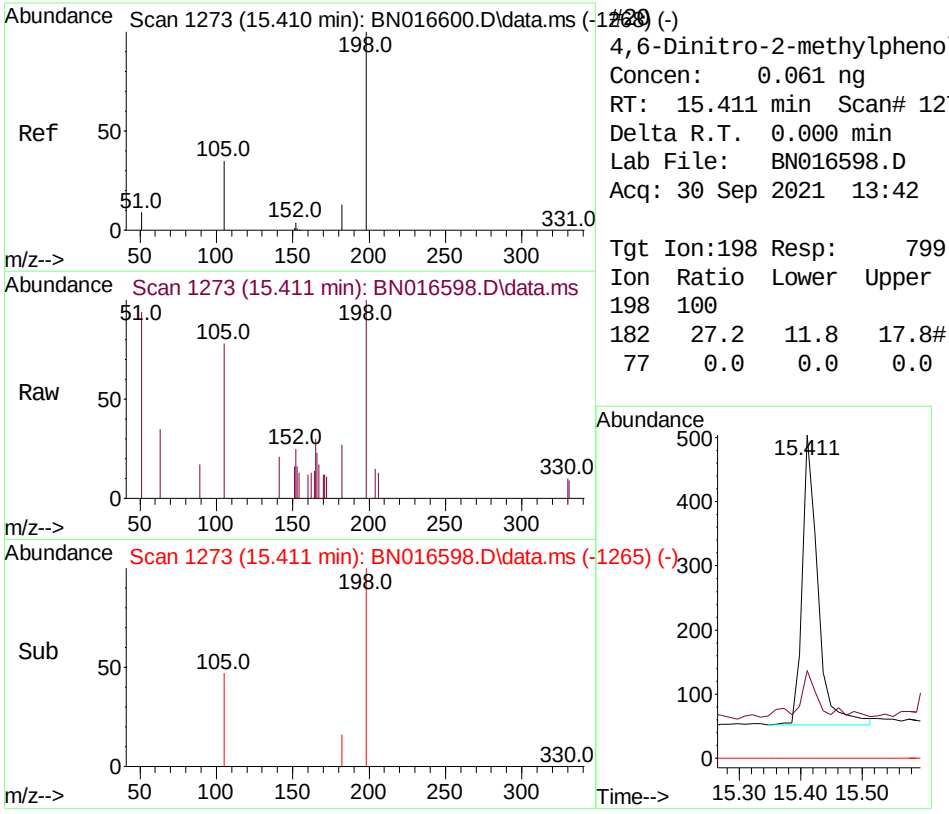
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.030 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BN016598.D
Acq: 30 Sep 2021 13:42

Tgt Ion:188 Resp: 115385

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.3	5.0	7.6

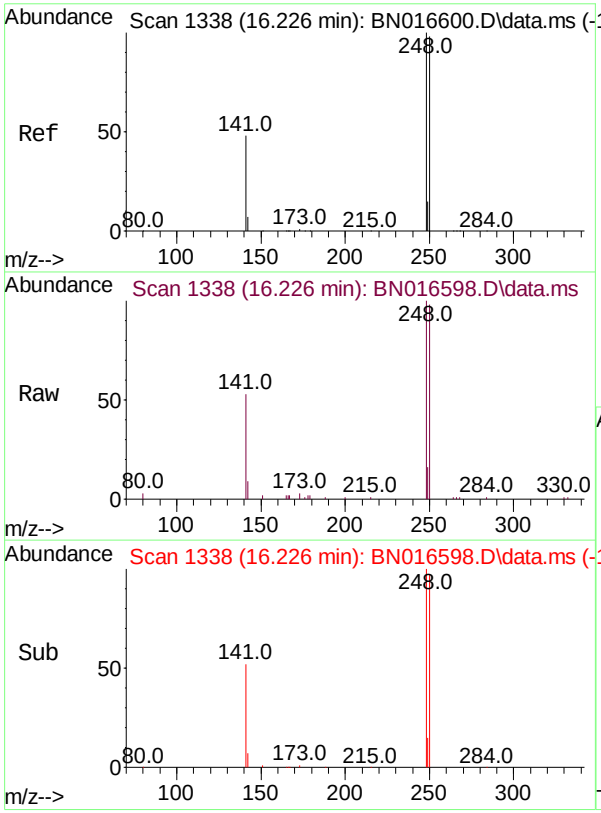


#20
4,6-Dinitro-2-methylphenol
Concen: 0.061 ng
RT: 15.411 min Scan# 1273
Delta R.T. 0.000 min
Lab File: BN016598.D
Acq: 30 Sep 2021 13:42

Tgt Ion:198 Resp: 799

Ion	Ratio	Lower	Upper
198	100		
182	27.2	11.8	17.8#
77	0.0	0.0	0.0

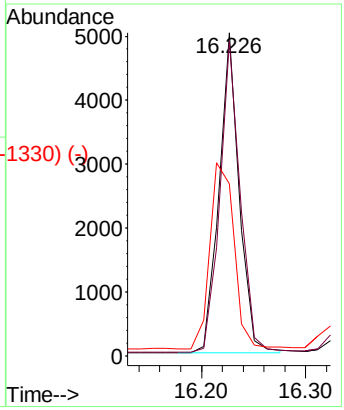
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

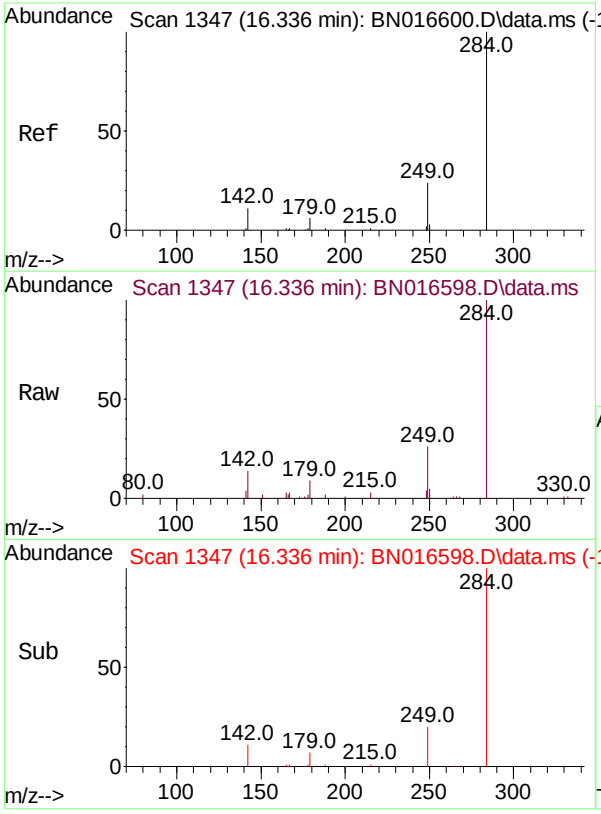


#21
4-Bromophenyl-phenylether
Concen: 0.095 ng
RT: 16.226 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BN016598.D
Acq: 30 Sep 2021 13:42

Tgt Ion:248 Resp: 6763

Ion	Ratio	Lower	Upper
248	100		
250	97.5	78.6	117.8
141	53.3	38.6	57.8

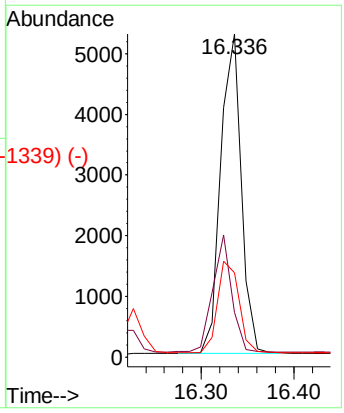




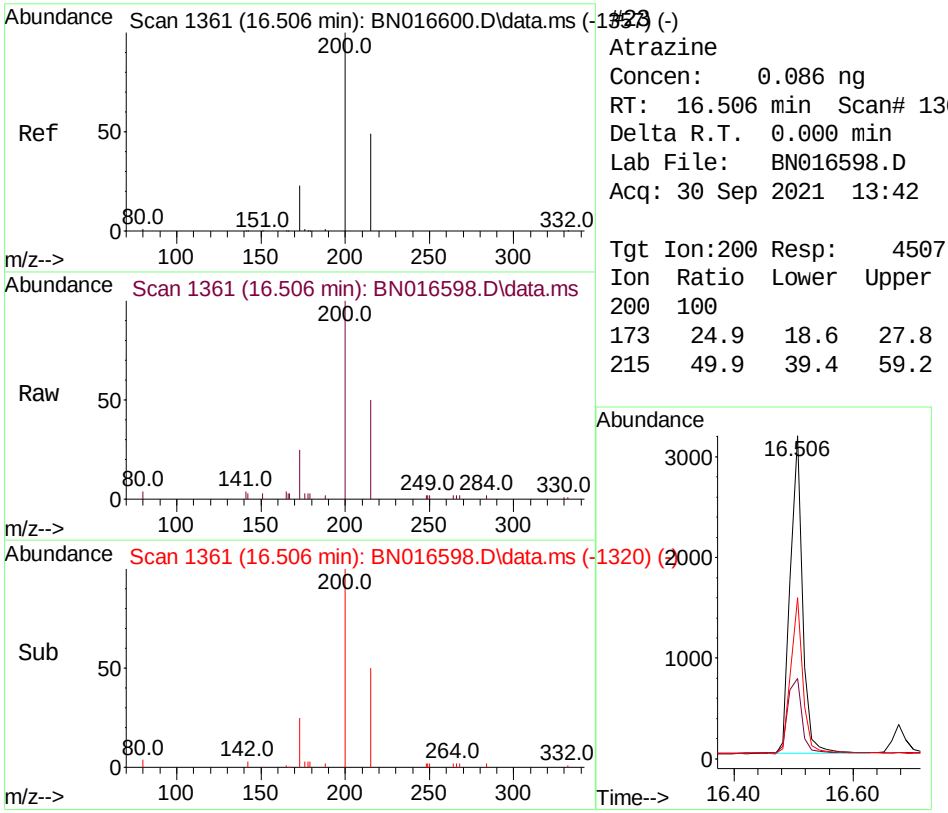
#22
Hexachlorobenzene
Concen: 0.098 ng
RT: 16.336 min Scan# 1347
Delta R.T. 0.000 min
Lab File: BN016598.D
Acq: 30 Sep 2021 13:42

Tgt Ion:284 Resp: 8148

Ion	Ratio	Lower	Upper
284	100		
142	33.3	26.4	39.6
249	30.1	23.4	35.2



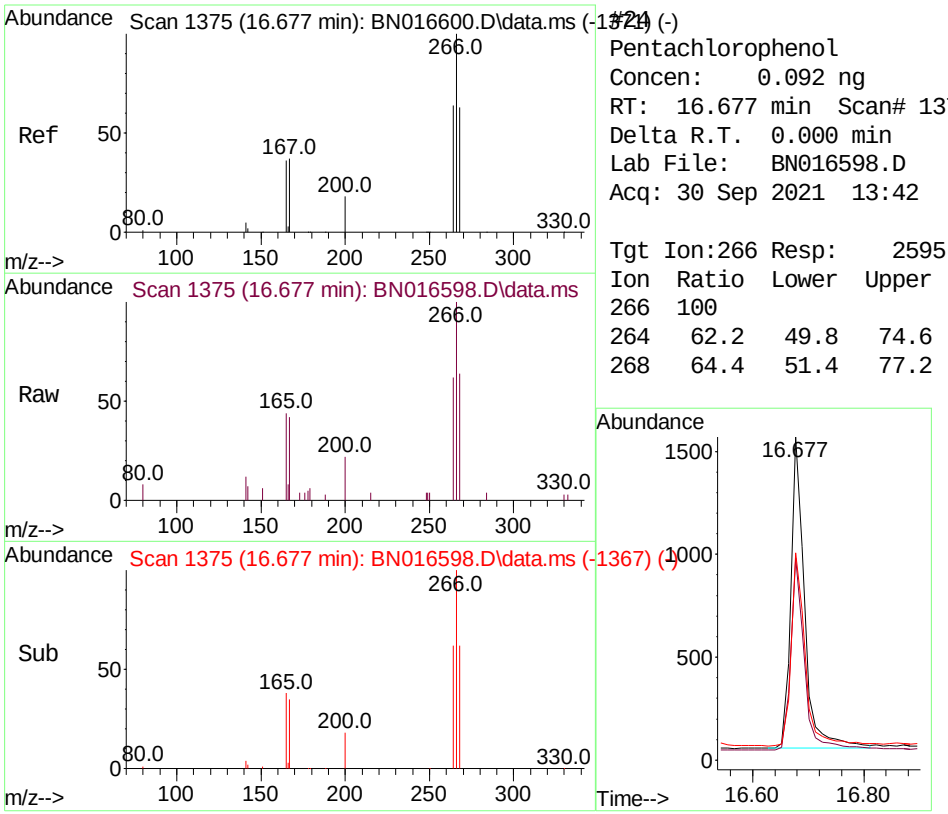
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1



#23
Atrazine
Concen: 0.086 ng
RT: 16.506 min Scan# 1361
Delta R.T. 0.000 min
Lab File: BN016598.D
Acq: 30 Sep 2021 13:42

Tgt Ion:200 Resp: 4507

Ion	Ratio	Lower	Upper
200	100		
173	24.9	18.6	27.8
215	49.9	39.4	59.2

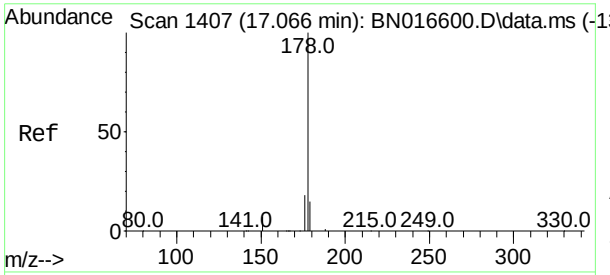


#24
Pentachlorophenol
Concen: 0.092 ng
RT: 16.677 min Scan# 1375
Delta R.T. 0.000 min
Lab File: BN016598.D
Acq: 30 Sep 2021 13:42

Tgt Ion:266 Resp: 2595

Ion	Ratio	Lower	Upper
266	100		
264	62.2	49.8	74.6
268	64.4	51.4	77.2

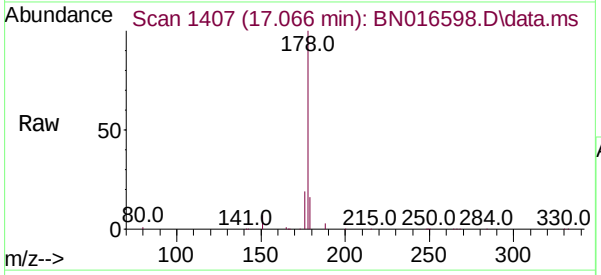
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

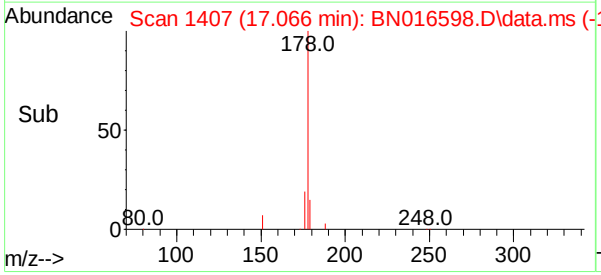


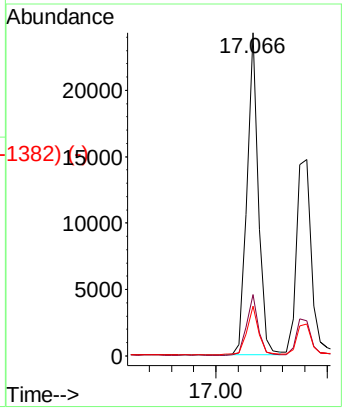
#25
Phenanthrene
Concen: 0.098 ng
RT: 17.066 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BN016598.D
Acq: 30 Sep 2021 13:42

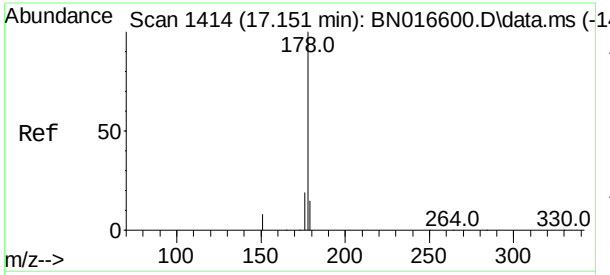
Tgt Ion:178 Resp: 34149

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.4
179	15.6	12.2	18.4





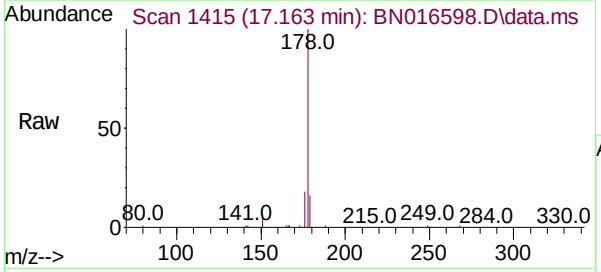


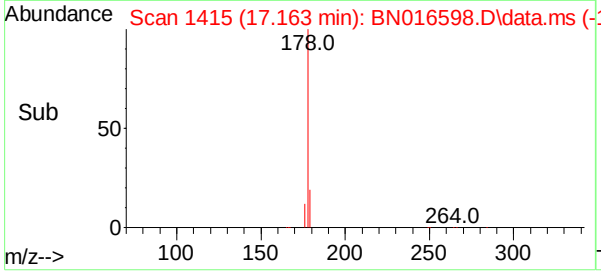


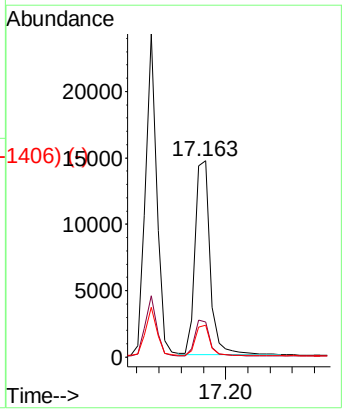
#26
Anthracene
Concen: 0.090 ng
RT: 17.163 min Scan# 1415
Delta R.T. 0.012 min
Lab File: BN016598.D
Acq: 30 Sep 2021 13:42

Tgt Ion:178 Resp: 27070

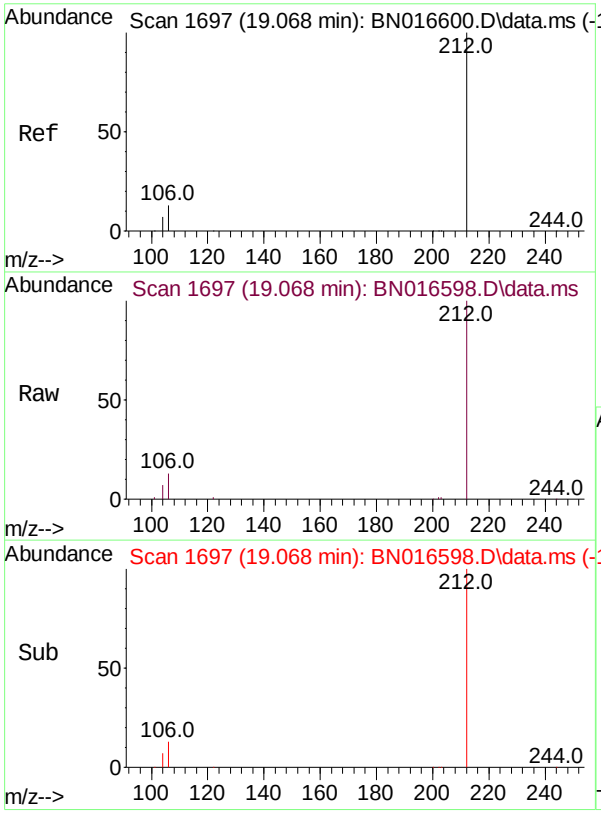
Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.6	21.8
179	15.2	12.2	18.4







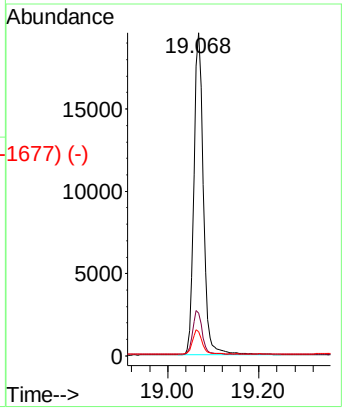
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

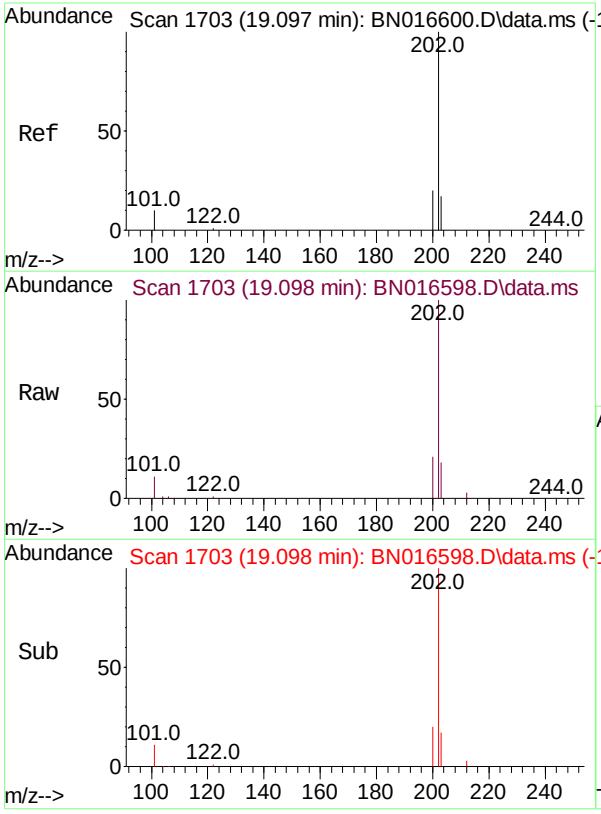


#27
Fluoranthene-d10
Concen: 0.088 ng
RT: 19.068 min Scan# 1697
Delta R.T. 0.000 min
Lab File: BN016598.D
Acq: 30 Sep 2021 13:42

Tgt Ion:212 Resp: 27938

Ion	Ratio	Lower	Upper
212	100		
106	13.4	10.6	16.0
104	7.5	5.9	8.9

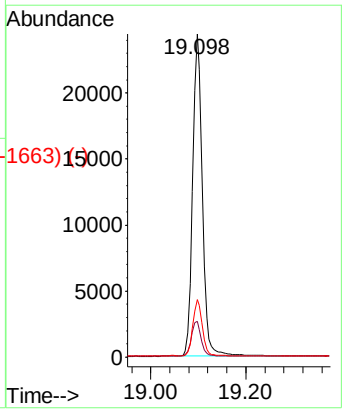




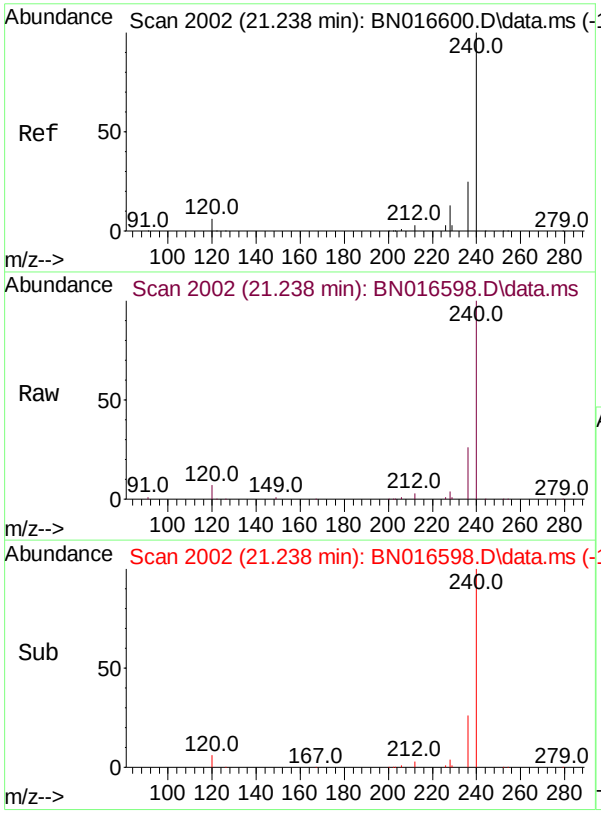
#28
Fluoranthene
Concen: 0.090 ng
RT: 19.098 min Scan# 1703
Delta R.T. 0.000 min
Lab File: BN016598.D
Acq: 30 Sep 2021 13:42

Tgt Ion:202 Resp: 34370

Ion	Ratio	Lower	Upper
202	100		
101	10.8	9.0	13.4
203	17.1	13.8	20.6



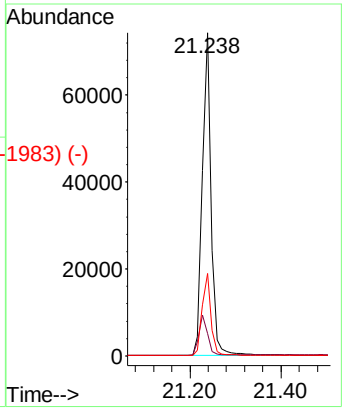
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

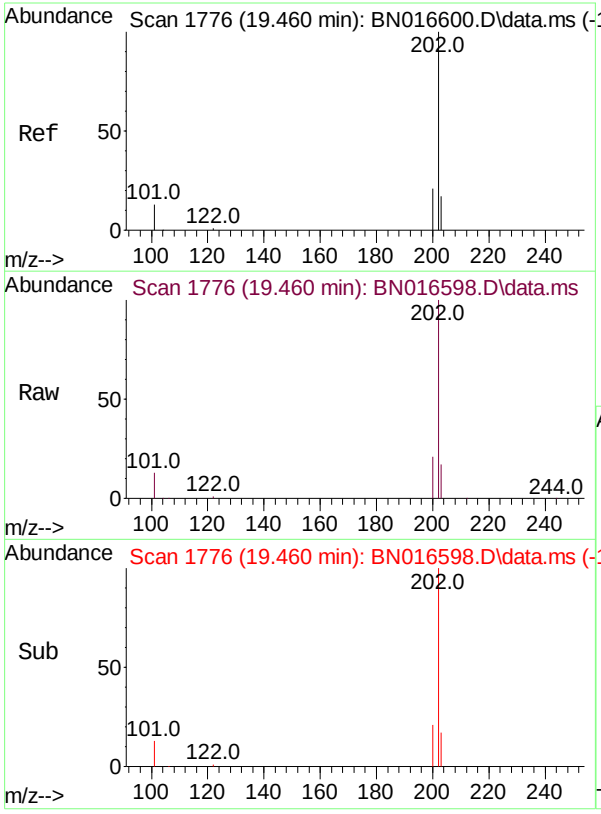


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.238 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BN016598.D
Acq: 30 Sep 2021 13:42

Tgt Ion:240 Resp: 98789

Ion	Ratio	Lower	Upper
240	100		
120	6.9	5.0	7.4
236	25.6	20.4	30.6

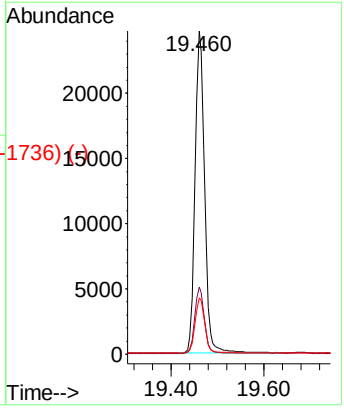




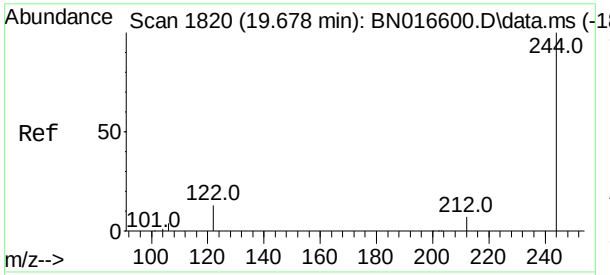
#30
Pyrene
Concen: 0.108 ng
RT: 19.460 min Scan# 1776
Delta R.T. 0.000 min
Lab File: BN016598.D
Acq: 30 Sep 2021 13:42

Tgt Ion:202 Resp: 34871

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.5	24.7
203	17.4	14.0	21.0



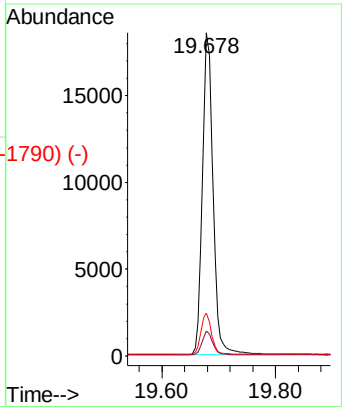
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

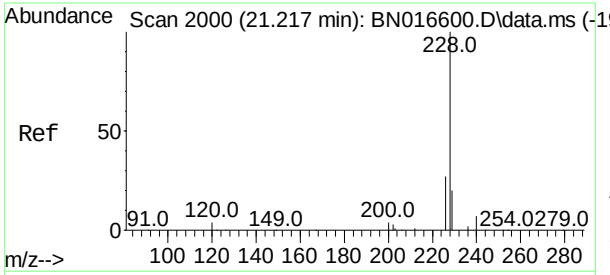


#31
Terphenyl-d14
Concen: 0.112 ng
RT: 19.678 min Scan# 1820
Delta R.T. 0.000 min
Lab File: BN016598.D
Acq: 30 Sep 2021 13:42

Tgt Ion:244 Resp: 24097

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.0	9.0
122	13.2	10.1	15.1

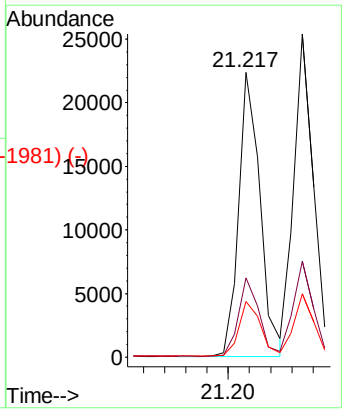




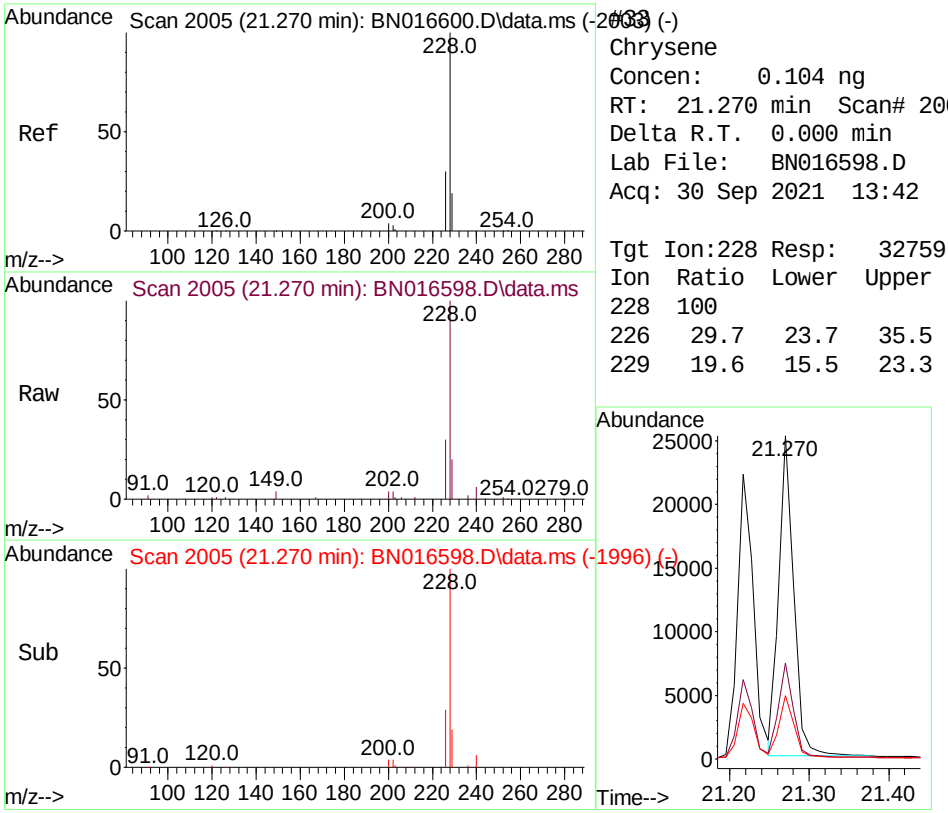
#32
Benzo(a)anthracene
Concen: 0.103 ng
RT: 21.217 min Scan# 2000
Delta R.T. 0.000 min
Lab File: BN016598.D
Acq: 30 Sep 2021 13:42

Tgt Ion:228 Resp: 30992

Ion	Ratio	Lower	Upper
228	100		
226	27.8	21.9	32.9
229	19.6	15.7	23.5



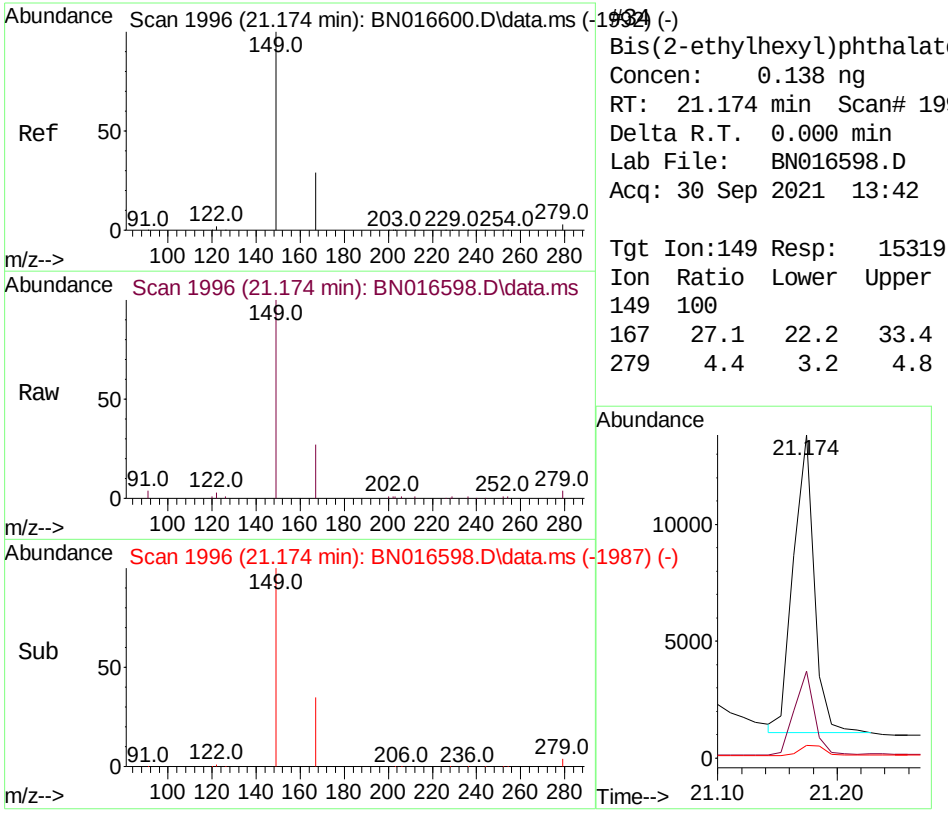
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1



#33
Chrysene
Concen: 0.104 ng
RT: 21.270 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BN016598.D
Acq: 30 Sep 2021 13:42

Tgt Ion:228 Resp: 32759

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.7	35.5
229	19.6	15.5	23.3

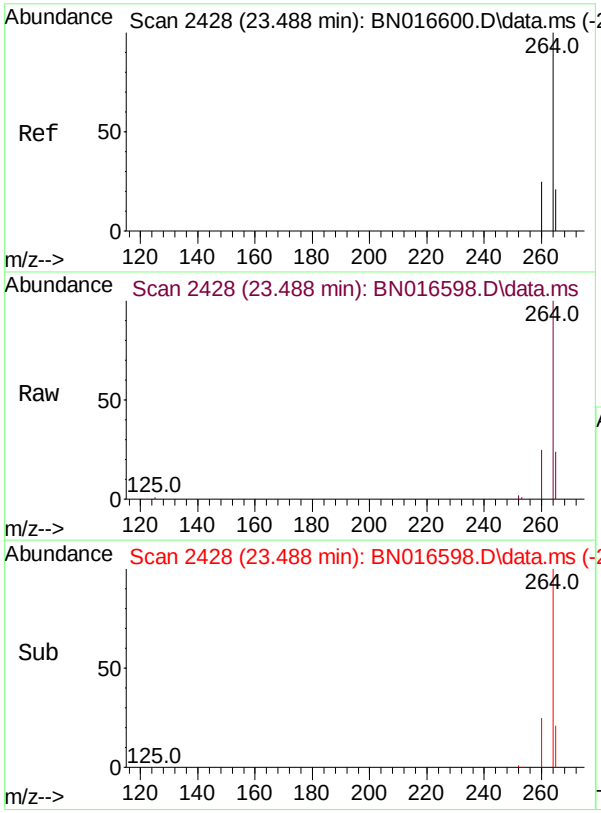


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.138 ng
RT: 21.174 min Scan# 1996
Delta R.T. 0.000 min
Lab File: BN016598.D
Acq: 30 Sep 2021 13:42

Tgt Ion:149 Resp: 15319

Ion	Ratio	Lower	Upper
149	100		
167	27.1	22.2	33.4
279	4.4	3.2	4.8

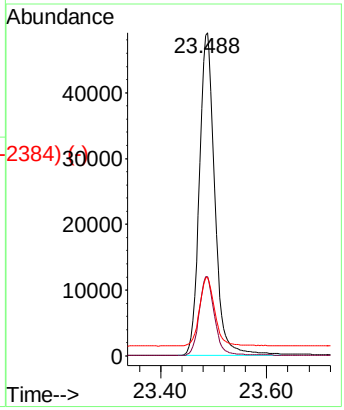
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

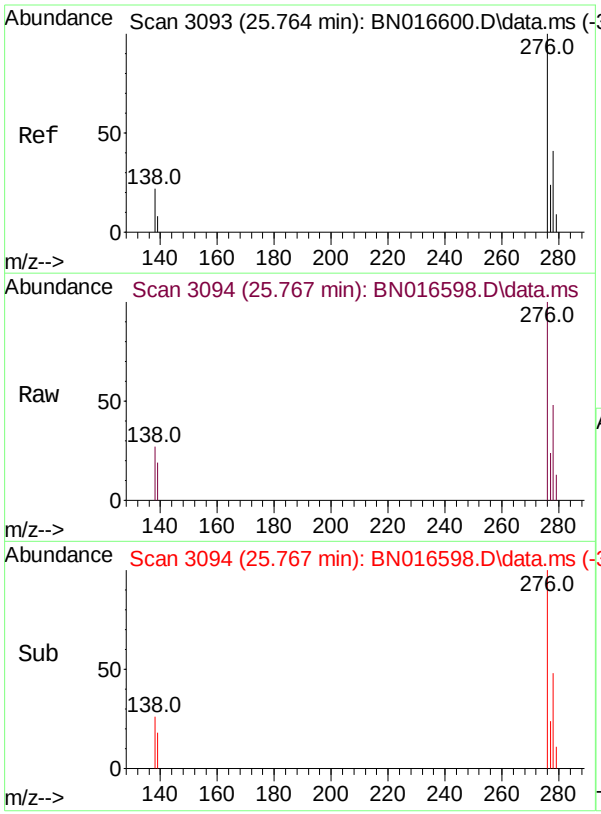


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.488 min Scan# 2428
Delta R.T. 0.000 min
Lab File: BN016598.D
Acq: 30 Sep 2021 13:42

Tgt Ion:264 Resp: 98761

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.9	29.9
265	24.4	19.2	28.8

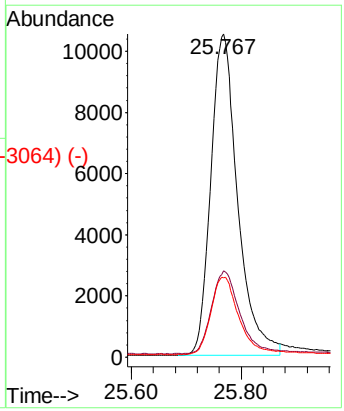




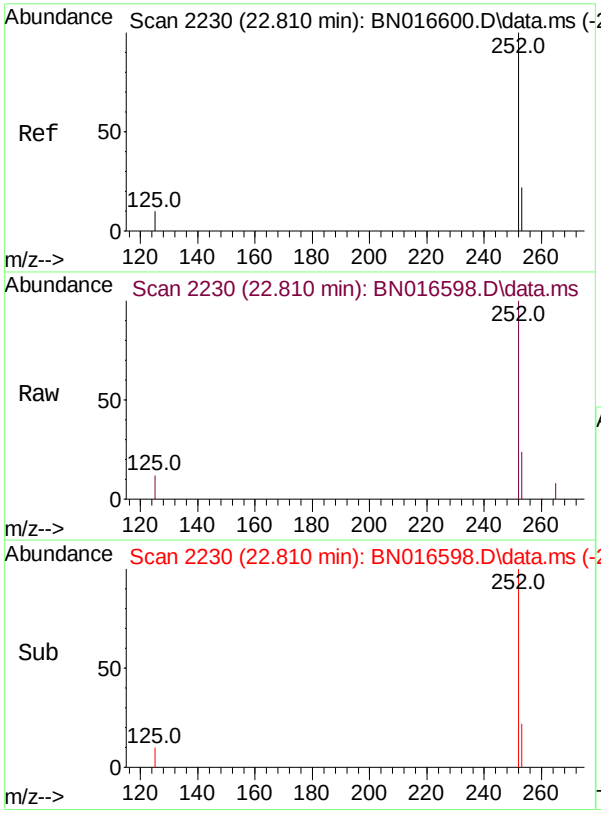
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.097 ng
RT: 25.767 min Scan# 3094
Delta R.T. 0.004 min
Lab File: BN016598.D
Acq: 30 Sep 2021 13:42

Tgt Ion:276 Resp: 35673

Ion	Ratio	Lower	Upper
276	100		
138	27.1	19.5	29.3
277	25.1	19.9	29.9



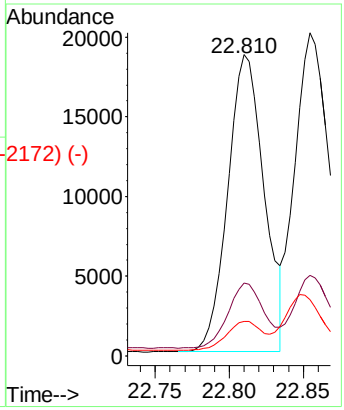
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

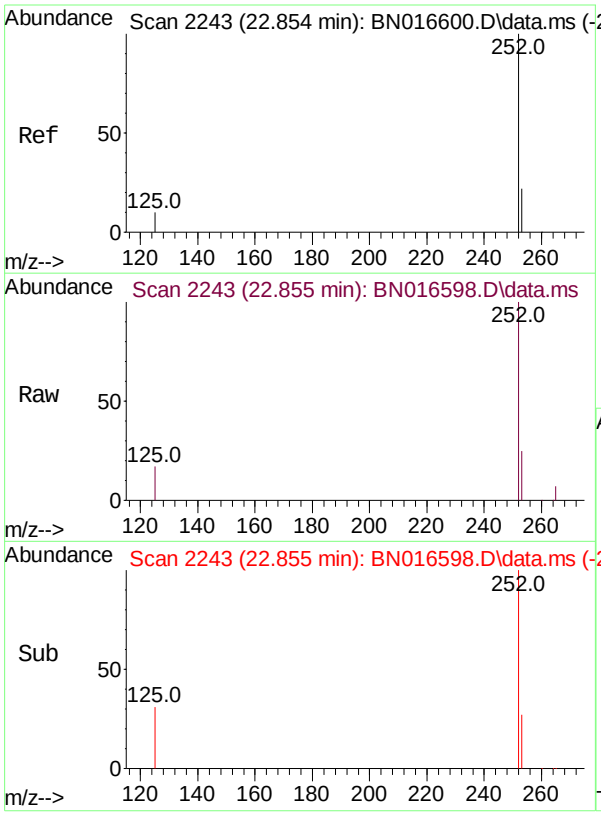


#37
Benzo(b)fluoranthene
Concen: 0.104 ng
RT: 22.810 min Scan# 2230
Delta R.T. 0.000 min
Lab File: BN016598.D
Acq: 30 Sep 2021 13:42

Tgt Ion:252 Resp: 31892

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.8	26.8
125	11.5	8.0	12.0

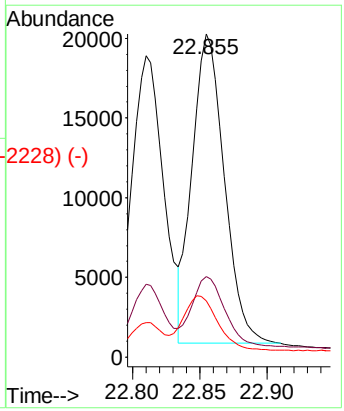




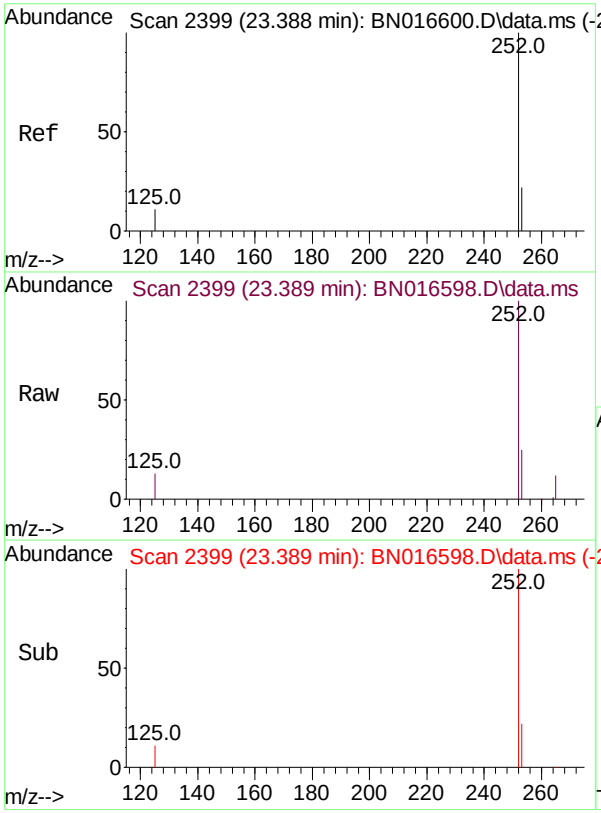
#38
Benzo(k)fluoranthene
Concen: 0.104 ng
RT: 22.855 min Scan# 2243
Delta R.T. 0.000 min
Lab File: BN016598.D
Acq: 30 Sep 2021 13:42

Tgt Ion:252 Resp: 32153

Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.8	26.6
125	17.4	8.0	12.0#



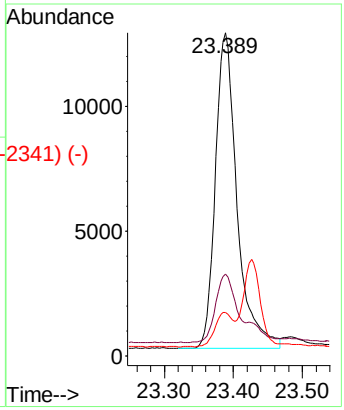
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

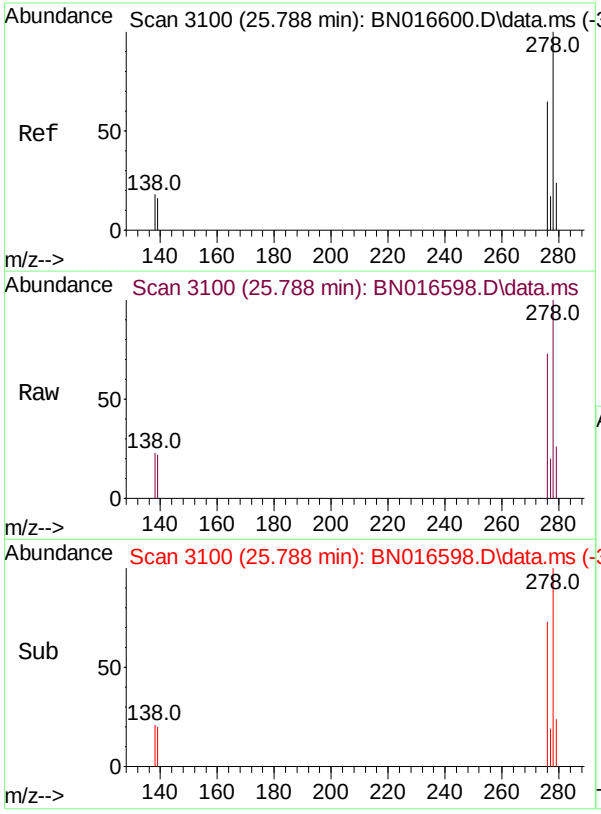


#39
Benzo(a)pyrene
Concen: 0.097 ng
RT: 23.389 min Scan# 2399
Delta R.T. 0.000 min
Lab File: BN016598.D
Acq: 30 Sep 2021 13:42

Tgt Ion:252 Resp: 27705

Ion	Ratio	Lower	Upper
252	100		
253	25.4	17.8	26.8
125	13.5	9.0	13.4#

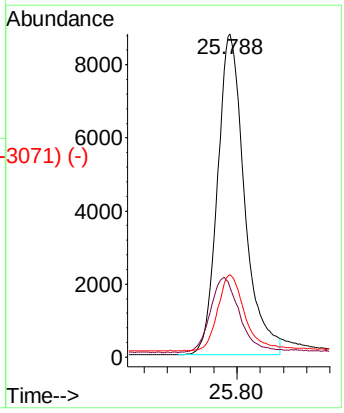


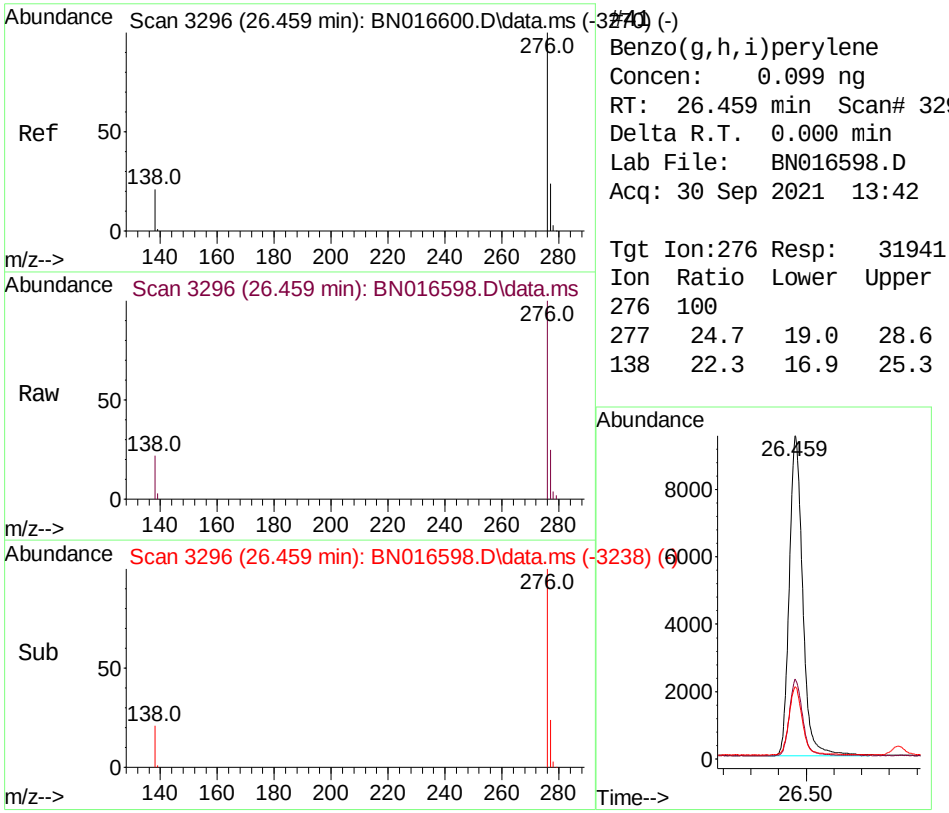


#40
Dibenzo(a,h)anthracene
Concen: 0.095 ng
RT: 25.788 min Scan# 3100
Delta R.T. 0.000 min
Lab File: BN016598.D
Acq: 30 Sep 2021 13:42

Tgt Ion:278 Resp: 28276

Ion	Ratio	Lower	Upper
278	100		
139	21.6	13.1	19.7#
279	25.6	19.1	28.7





#41
Benzo(g,h,i)perylene
Concen: 0.099 ng
RT: 26.459 min Scan# 3296
Delta R.T. 0.000 min
Lab File: BN016598.D
Acq: 30 Sep 2021 13:42

Tgt Ion:276 Resp: 31941

Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.0	28.6
138	22.3	16.9	25.3

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1