Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
Data File : BN016601.D
Acq On : 30 Sep 2021 15:31
Operator : CG/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.8

Quant Time: Sep 30 16:00:23 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

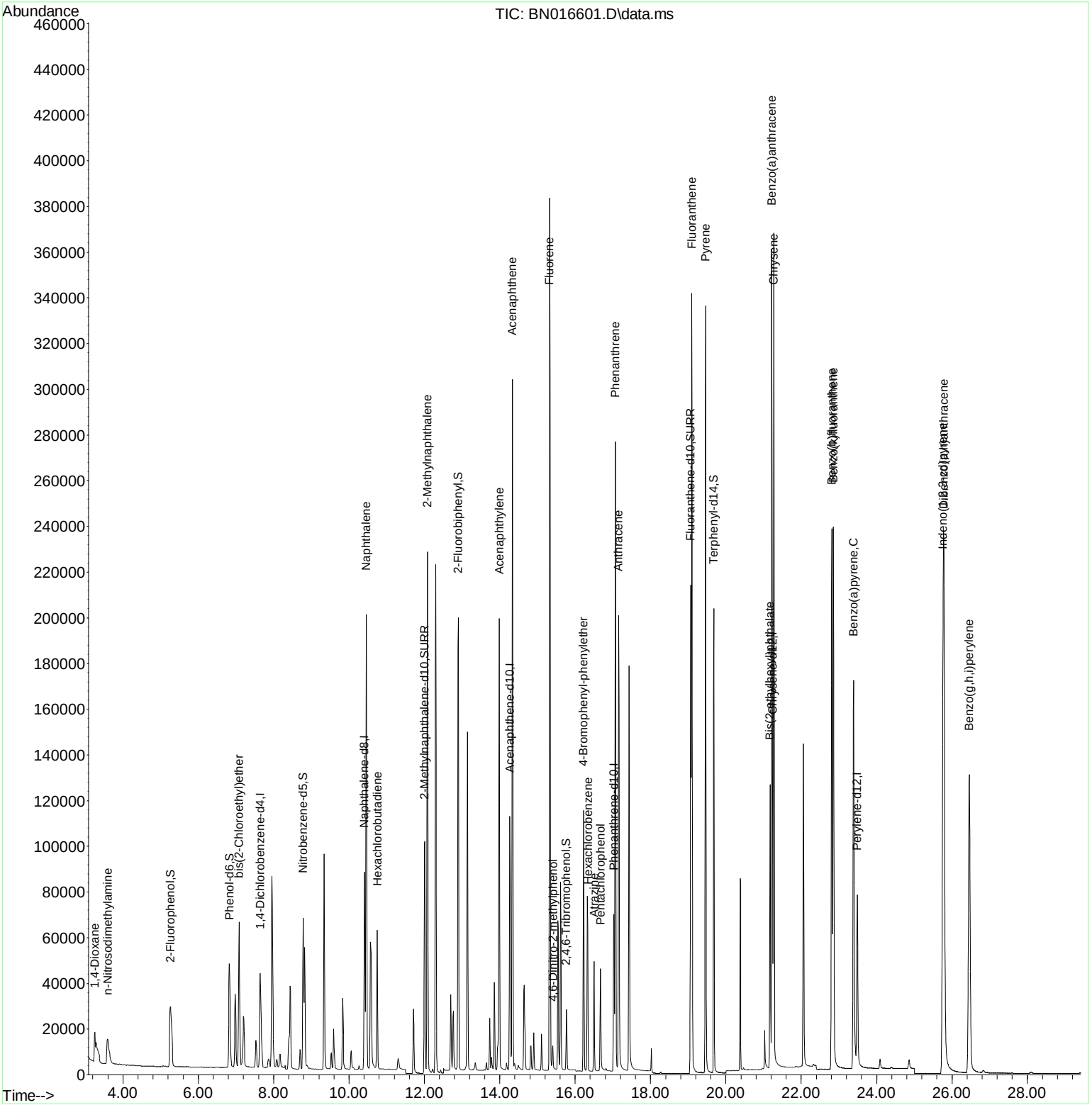
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.643	152	26138	0.400	ng		0.00
7) Naphthalene-d8	10.407	136	114426	0.400	ng		0.00
13) Acenaphthene-d10	14.269	164	60917	0.400	ng		0.00
19) Phenanthrene-d10	17.030	188	109409	0.400	ng		0.00
29) Chrysene-d12	21.238	240	107823	0.400	ng		0.00
35) Perylene-d12	23.488	264	103379	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.264	112	54462	0.813	ng		0.00
5) Phenol-d6	6.822	99	59527	0.830	ng		0.00
8) Nitrobenzene-d5	8.785	82	57372	0.798	ng		0.00
11) 2-Methylnaphthalene-d10	12.003	152	140142	0.838	ng		0.00
14) 2,4,6-Tribromophenol	15.766	330	21882	0.788	ng		0.00
15) 2-Fluorobiphenyl	12.899	172	198734	0.794	ng		0.00
27) Fluoranthene-d10	19.068	212	241116	0.804	ng		0.00
31) Terphenyl-d14	19.679	244	200779	0.856	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.253	88	9686	0.749	ng	#	79
3) n-Nitrosodimethylamine	3.595	42	15924	0.809	ng		99
6) bis(2-Chloroethyl)ether	7.080	93	59448	0.837	ng		100
9) Naphthalene	10.458	128	254743	0.806	ng		100
10) Hexachlorobutadiene	10.749	225	47907	0.815	ng	#	100
12) 2-Methylnaphthalene	12.079	142	166156	0.844	ng		99
16) Acenaphthylene	13.990	152	218452	0.808	ng		100
17) Acenaphthene	14.332	154	146717	0.818	ng		99
18) Fluorene	15.322	166	175594	0.824	ng		100
20) 4,6-Dinitro-2-methylph...	15.411	198	8035	0.647	ng		94
21) 4-Bromophenyl-phenylether	16.227	248	55888	0.827	ng		99
22) Hexachlorobenzene	16.336	284	64803	0.821	ng		100
23) Atrazine	16.507	200	38493	0.777	ng		99
24) Pentachlorophenol	16.677	266	22209	0.833	ng		99
25) Phenanthrene	17.066	178	273489	0.829	ng		100
26) Anthracene	17.152	178	232480	0.817	ng		100
28) Fluoranthene	19.098	202	302792	0.833	ng		100
30) Pyrene	19.460	202	299644	0.853	ng		100
32) Benzo(a)anthracene	21.217	228	284210	0.865	ng		100
33) Chrysene	21.270	228	291228	0.846	ng		100
34) Bis(2-ethylhexyl)phtha...	21.174	149	110141	0.908	ng		100
36) Indeno(1,2,3-cd)pyrene	25.764	276	330076	0.857	ng		100
37) Benzo(b)fluoranthene	22.810	252	293388	0.917	ng		99
38) Benzo(k)fluoranthene	22.855	252	292775	0.904	ng		99
39) Benzo(a)pyrene	23.389	252	260403	0.871	ng		99
40) Dibenzo(a,h)anthracene	25.785	278	266662	0.857	ng		99
41) Benzo(g,h,i)perylene	26.459	276	288371	0.851	ng		100

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

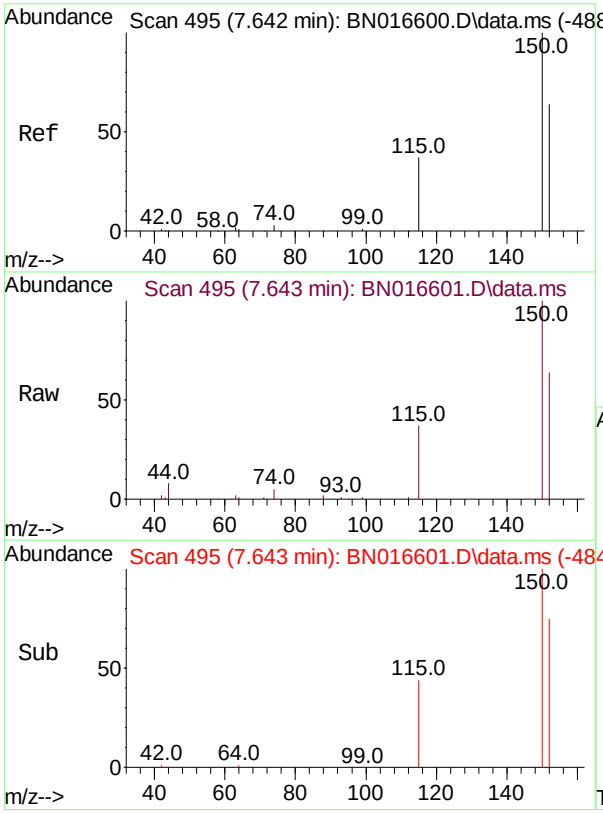
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
Data File : BN016601.D
Acq On : 30 Sep 2021 15:31
Operator : CG/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Quant Time: Sep 30 16:00:23 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



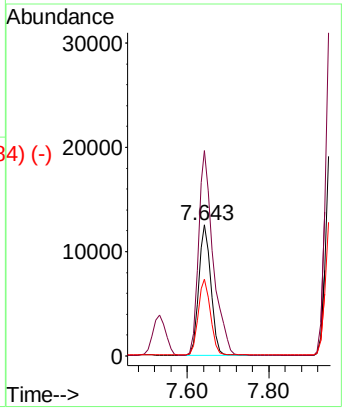
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

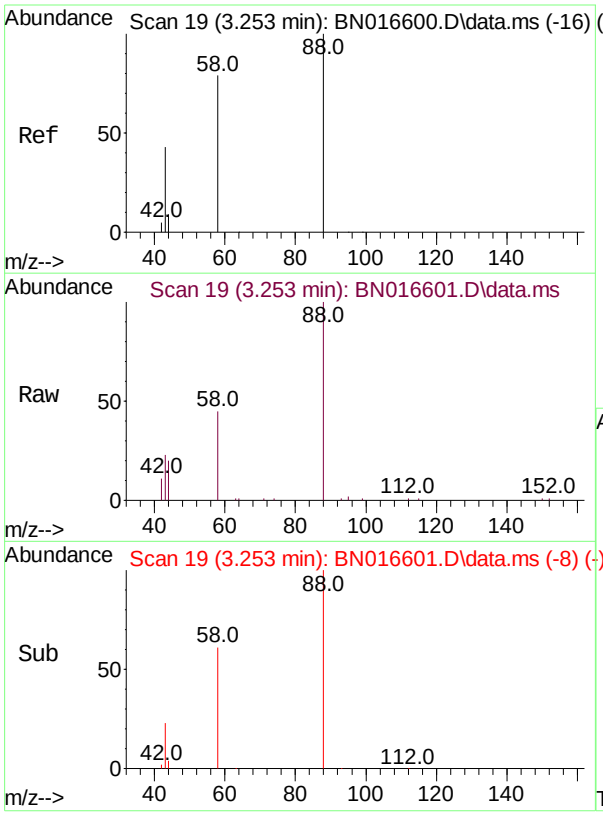


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.643 min Scan# 495
Delta R.T. 0.001 min
Lab File: BN016601.D
Acq: 30 Sep 2021 15:31

Tgt Ion:152 Resp: 26138

Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.6	186.8
115	58.4	46.5	69.7

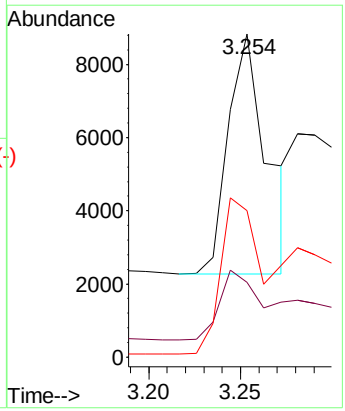




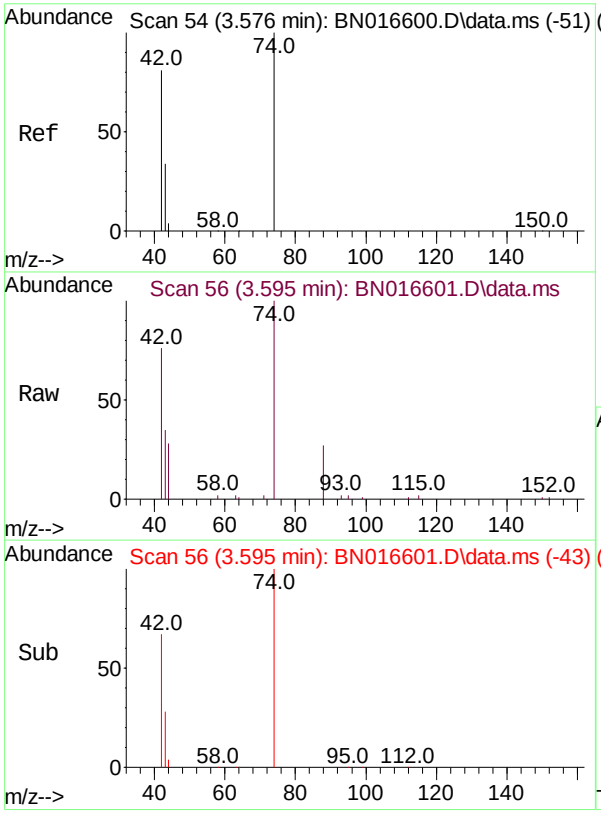
#2
1,4-Dioxane
Concen: 0.749 ng
RT: 3.253 min Scan# 19
Delta R.T. 0.000 min
Lab File: BN016601.D
Acq: 30 Sep 2021 15:31

Tgt Ion: 88 Resp: 9686

Ion	Ratio	Lower	Upper
88	100		
43	27.8	37.8	56.8#
58	62.6	61.3	91.9



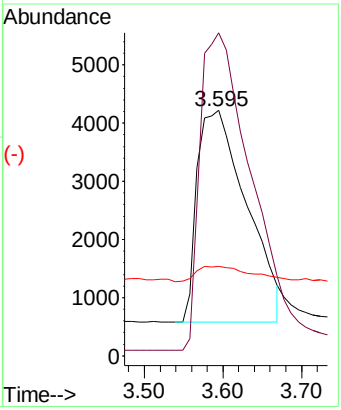
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

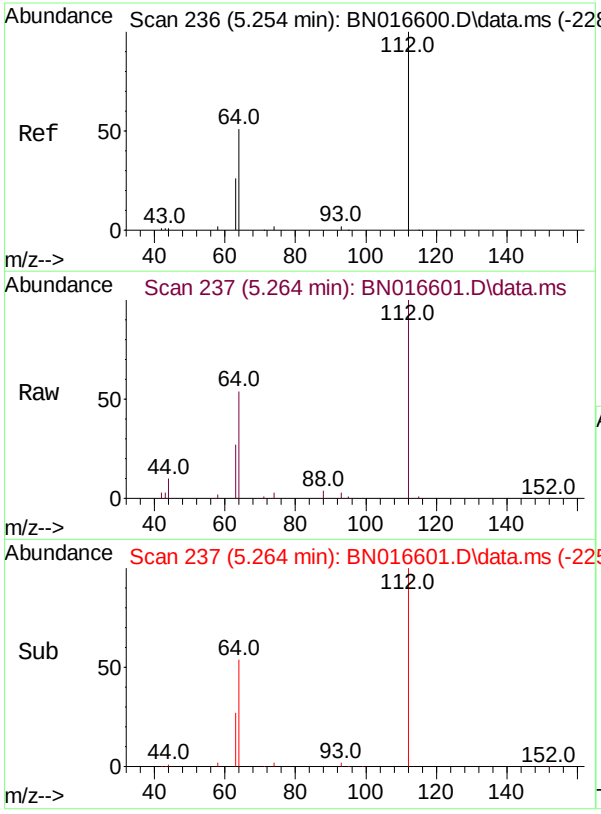


#3
n-Nitrosodimethylamine
Concen: 0.809 ng
RT: 3.595 min Scan# 56
Delta R.T. 0.019 min
Lab File: BN016601.D
Acq: 30 Sep 2021 15:31

Tgt Ion: 42 Resp: 15924

Ion	Ratio	Lower	Upper
42	100		
74	150.6	121.6	182.4
44	7.8	6.3	9.5

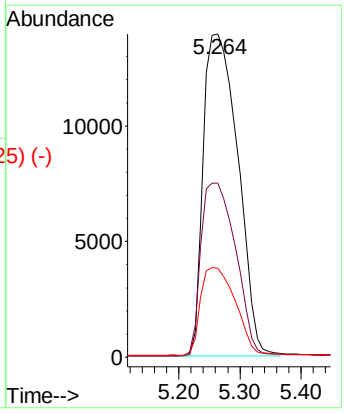




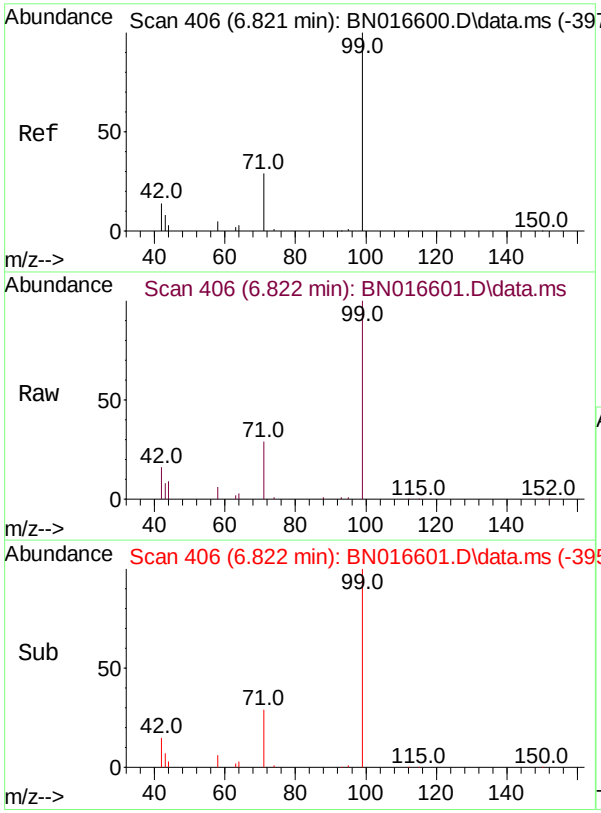
#4
2-Fluorophenol
Concen: 0.813 ng
RT: 5.264 min Scan# 237
Delta R.T. 0.010 min
Lab File: BN016601.D
Acq: 30 Sep 2021 15:31

Tgt Ion:112 Resp: 54462

Ion	Ratio	Lower	Upper
112	100		
64	53.9	43.1	64.7
63	27.3	21.6	32.4



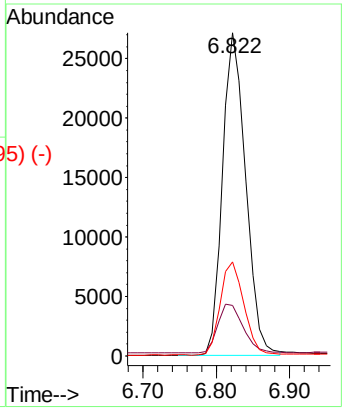
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

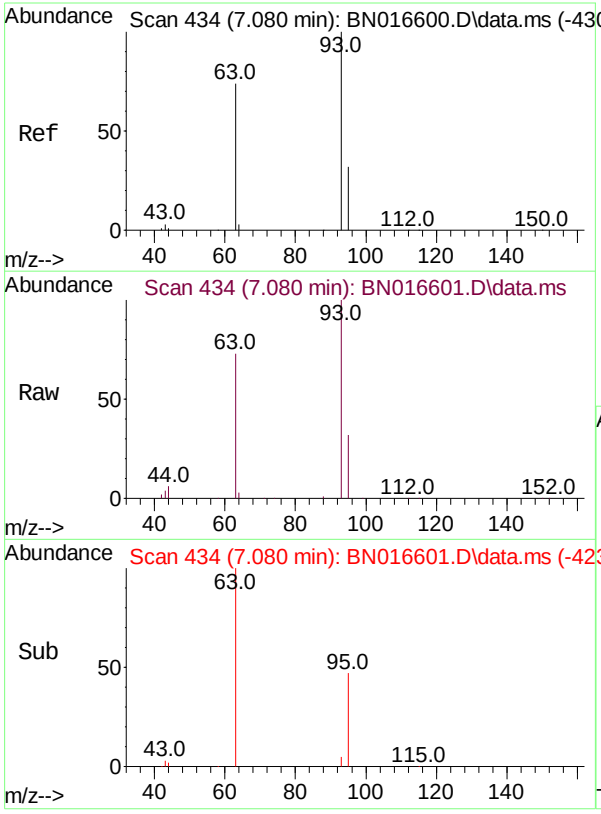


#5
Phenol-d6
Concen: 0.830 ng
RT: 6.822 min Scan# 406
Delta R.T. 0.000 min
Lab File: BN016601.D
Acq: 30 Sep 2021 15:31

Tgt Ion: 99 Resp: 59527

Ion	Ratio	Lower	Upper
99	100		
42	16.5	13.0	19.6
71	29.5	23.5	35.3

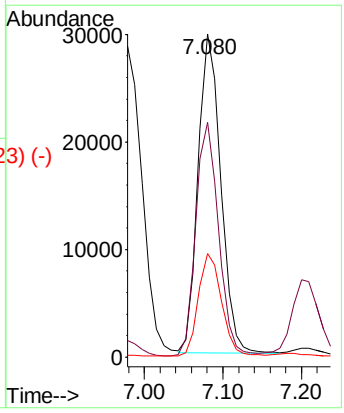




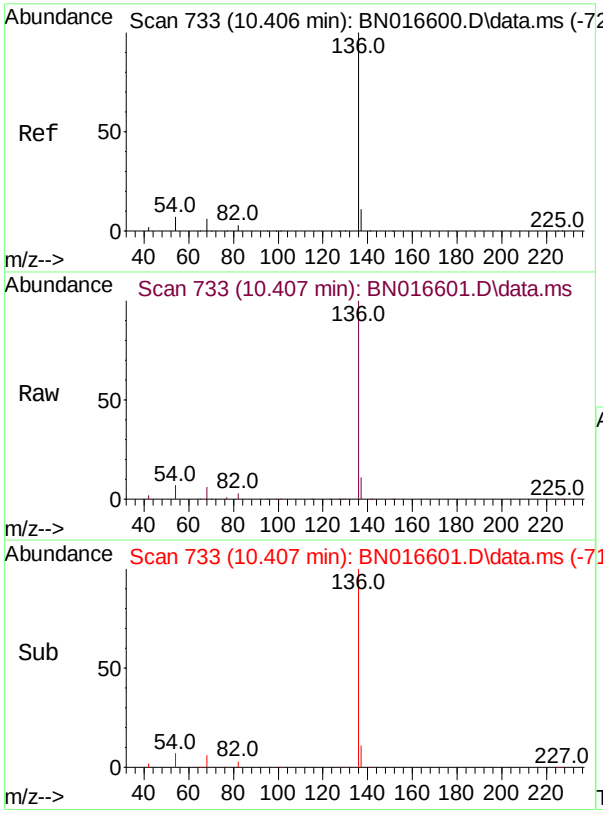
#6
bis(2-Chloroethyl)ether
Concen: 0.837 ng
RT: 7.080 min Scan# 434
Delta R.T. 0.000 min
Lab File: BN016601.D
Acq: 30 Sep 2021 15:31

Tgt Ion: 93 Resp: 59448

Ion	Ratio	Lower	Upper
93	100		
63	73.6	59.1	88.7
95	32.9	26.2	39.4



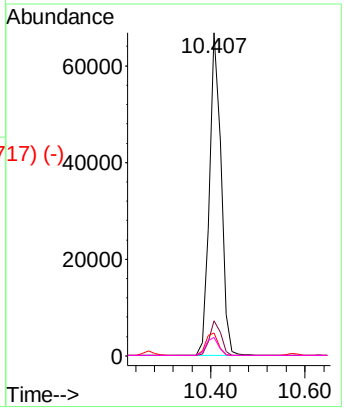
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

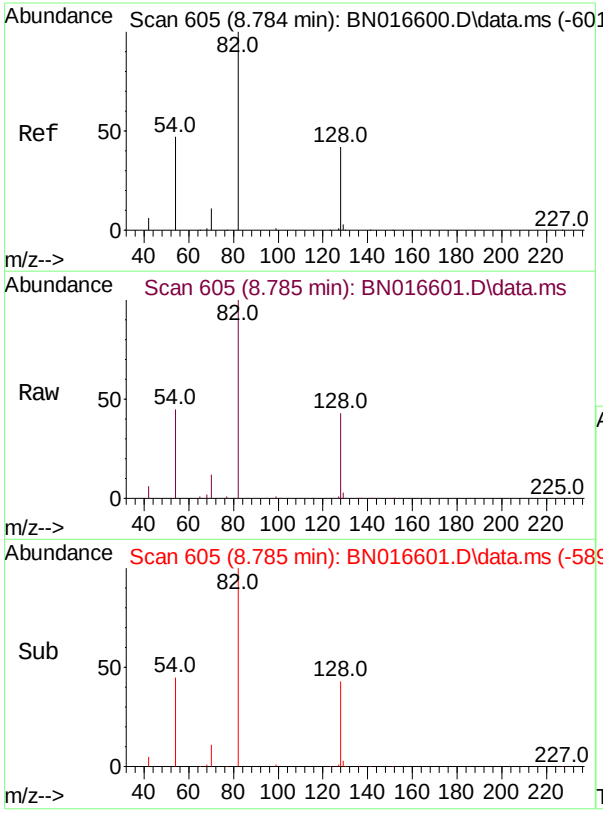


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.407 min Scan# 733
Delta R.T. 0.000 min
Lab File: BN016601.D
Acq: 30 Sep 2021 15:31

Tgt Ion:136 Resp: 114426

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	7.0	5.9	8.9
68	5.8	5.0	7.6

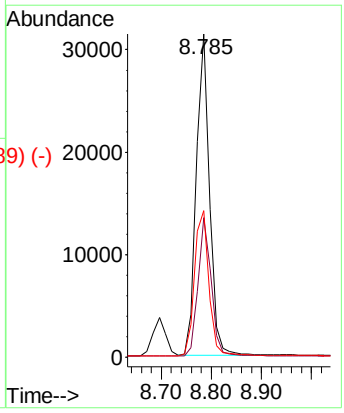




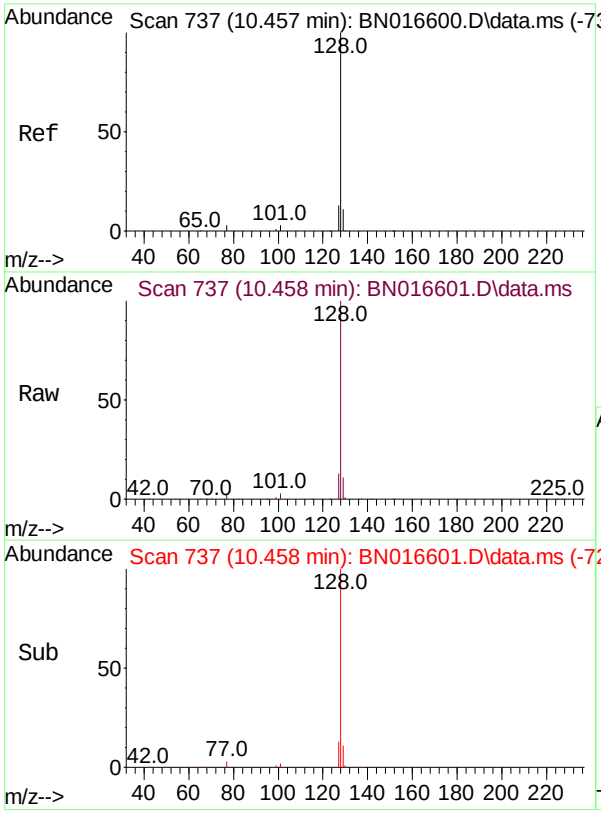
#8
Nitrobenzene-d5
Concen: 0.798 ng
RT: 8.785 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN016601.D
Acq: 30 Sep 2021 15:31

Tgt Ion: 82 Resp: 57372

Ion	Ratio	Lower	Upper
82	100		
128	43.2	33.6	50.4
54	45.2	37.6	56.4



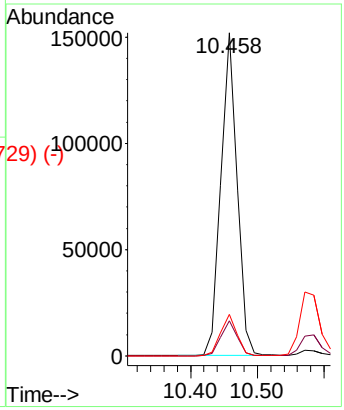
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

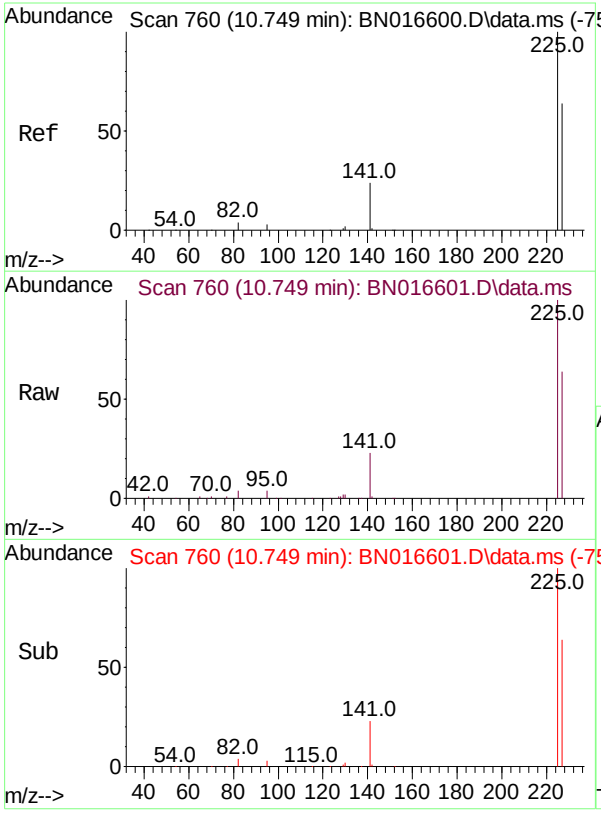


#9
Naphthalene
Concen: 0.806 ng
RT: 10.458 min Scan# 737
Delta R.T. 0.000 min
Lab File: BN016601.D
Acq: 30 Sep 2021 15:31

Tgt Ion:128 Resp: 254743

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	12.8	10.3	15.5

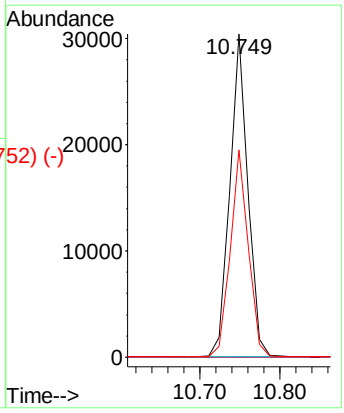




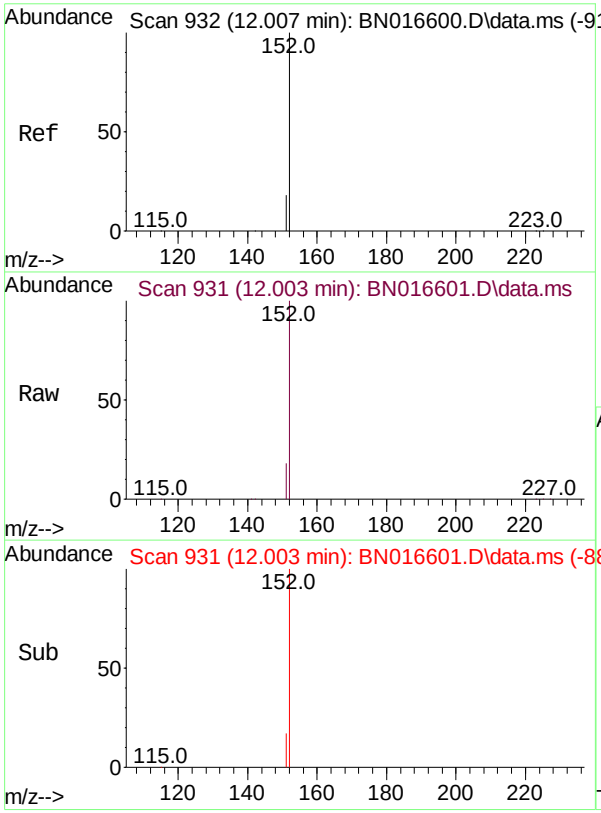
#10
Hexachlorobutadiene
Concen: 0.815 ng
RT: 10.749 min Scan# 760
Delta R.T. 0.000 min
Lab File: BN016601.D
Acq: 30 Sep 2021 15:31

Tgt Ion:225 Resp: 47907

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.9	51.0	76.6



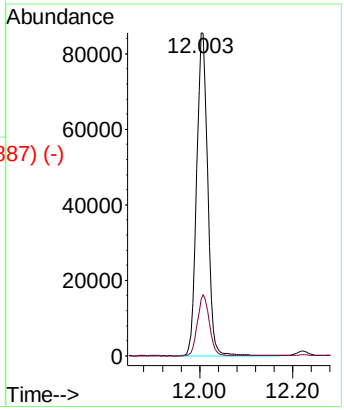
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

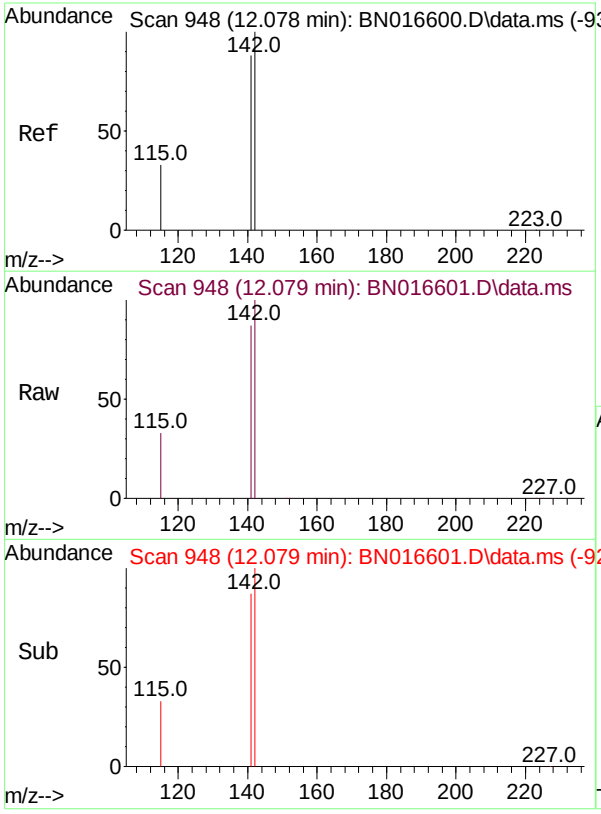


#11
2-Methylnaphthalene-d10
Concen: 0.838 ng
RT: 12.003 min Scan# 931
Delta R.T. -0.004 min
Lab File: BN016601.D
Acq: 30 Sep 2021 15:31

Tgt Ion:152 Resp: 140142

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.4

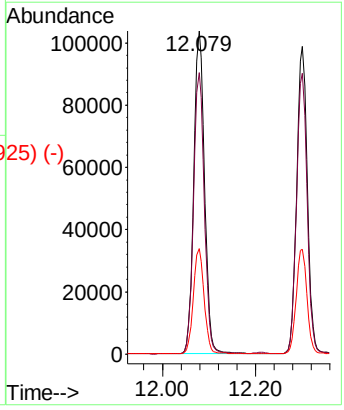




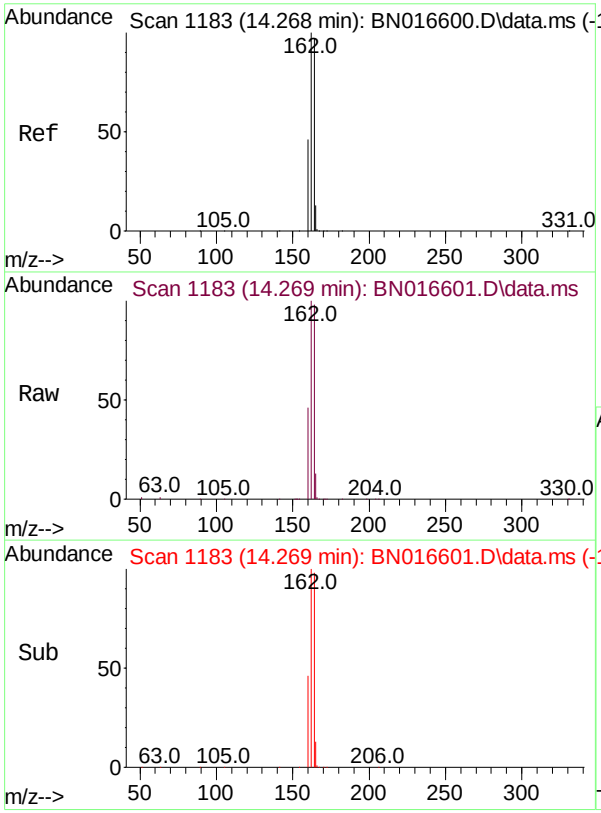
#12
2-Methylnaphthalene
Concen: 0.844 ng
RT: 12.079 min Scan# 948
Delta R.T. 0.000 min
Lab File: BN016601.D
Acq: 30 Sep 2021 15:31

Tgt Ion:142 Resp: 166156

Ion	Ratio	Lower	Upper
142	100		
141	87.2	70.6	105.8
115	32.6	26.6	39.8



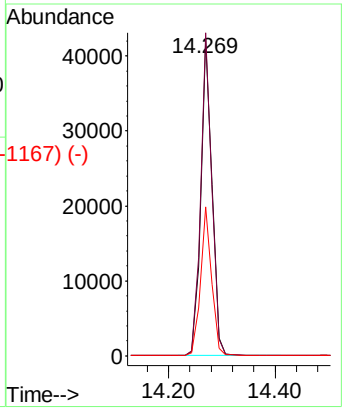
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

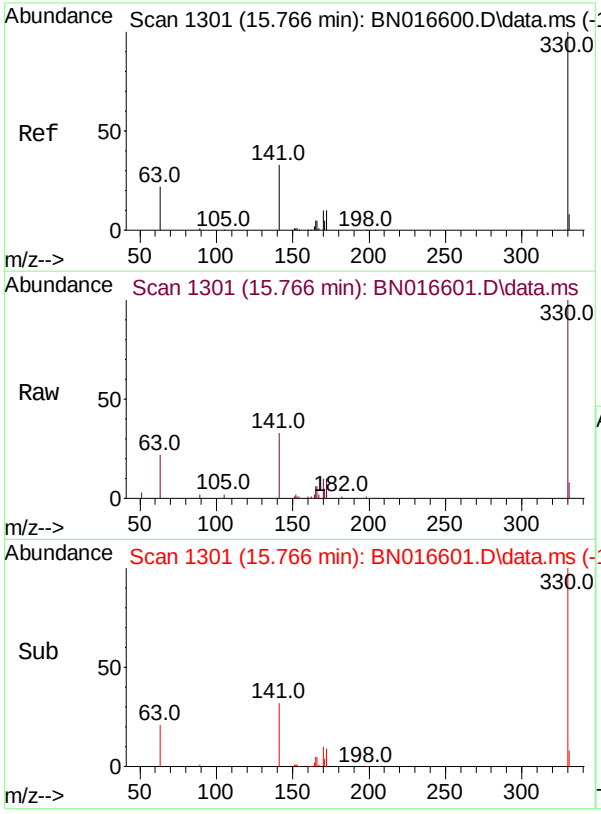


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.269 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BN016601.D
Acq: 30 Sep 2021 15:31

Tgt Ion:164 Resp: 60917

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

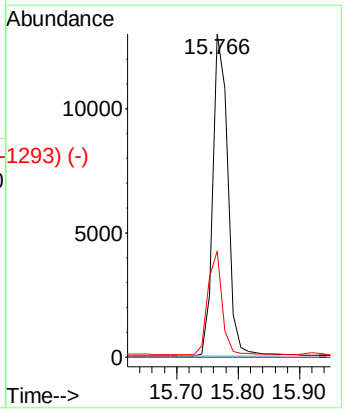




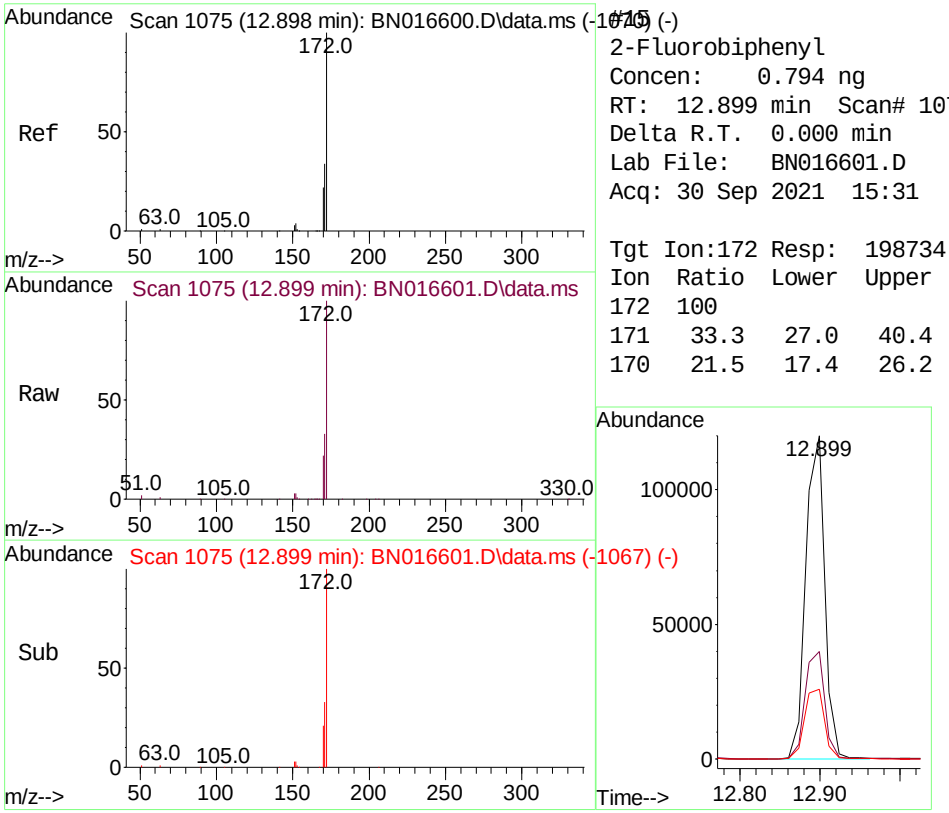
#14
2,4,6-Tribromophenol
Concen: 0.788 ng
RT: 15.766 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BN016601.D
Acq: 30 Sep 2021 15:31

Tgt Ion:330 Resp: 21882

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	30.9	25.2	37.8



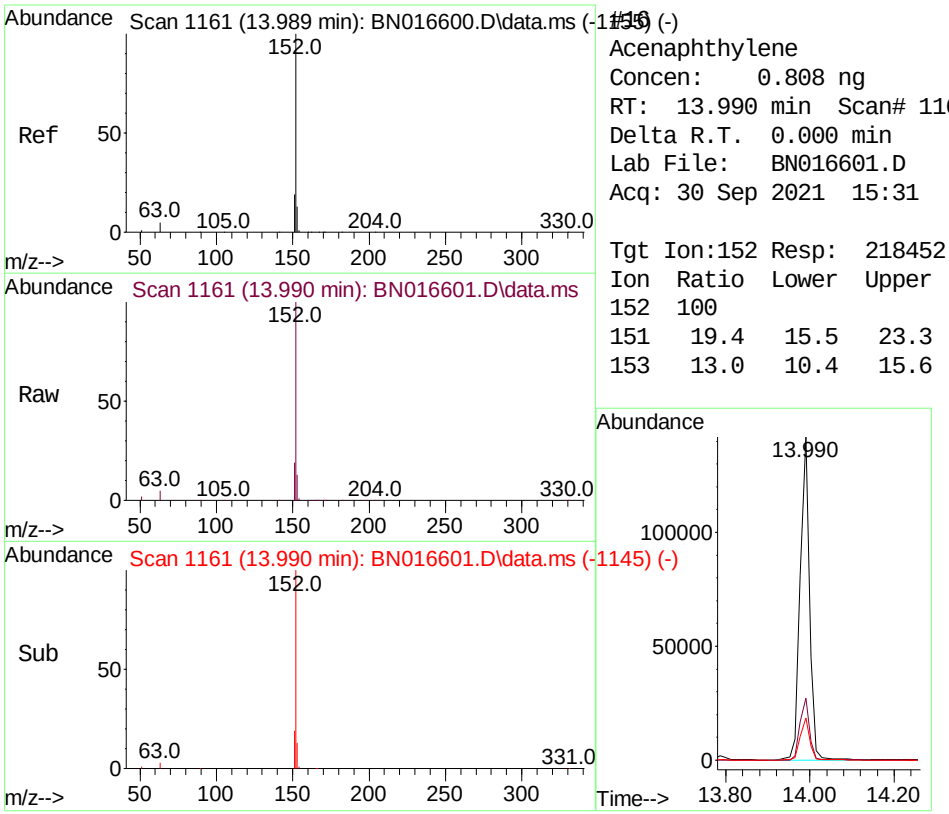
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8



#15
2-Fluorobiphenyl
Concen: 0.794 ng
RT: 12.899 min Scan# 1075
Delta R.T. 0.000 min
Lab File: BN016601.D
Acq: 30 Sep 2021 15:31

Tgt Ion:172 Resp: 198734

Ion	Ratio	Lower	Upper
172	100		
171	33.3	27.0	40.4
170	21.5	17.4	26.2

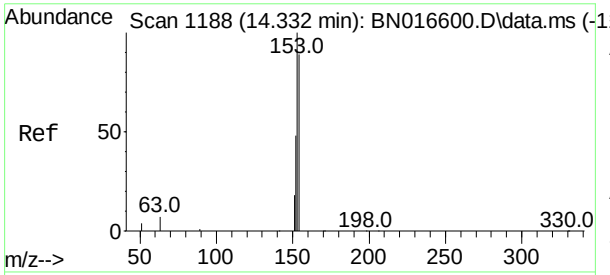


#16
Acenaphthylene
Concen: 0.808 ng
RT: 13.990 min Scan# 1161
Delta R.T. 0.000 min
Lab File: BN016601.D
Acq: 30 Sep 2021 15:31

Tgt Ion:152 Resp: 218452

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.5	23.3
153	13.0	10.4	15.6

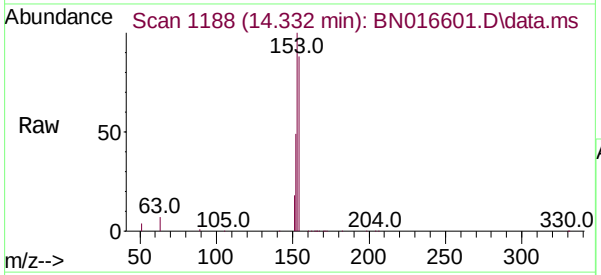
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

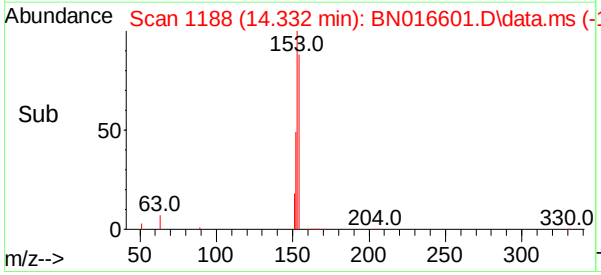


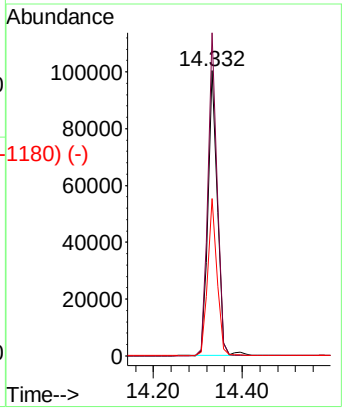
#17
Acenaphthene
Concen: 0.818 ng
RT: 14.332 min Scan# 1188
Delta R.T. 0.000 min
Lab File: BN016601.D
Acq: 30 Sep 2021 15:31

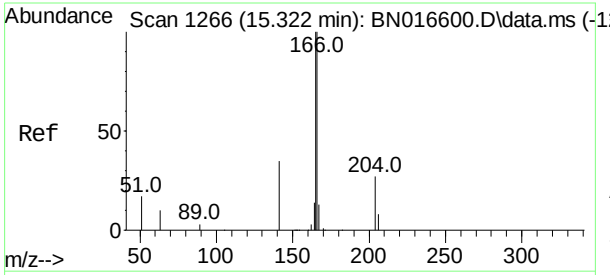
Tgt Ion:154 Resp: 146717

Ion	Ratio	Lower	Upper
154	100		
153	111.6	90.2	135.2
152	54.4	44.0	66.0





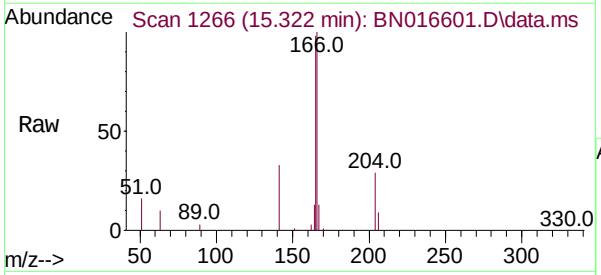


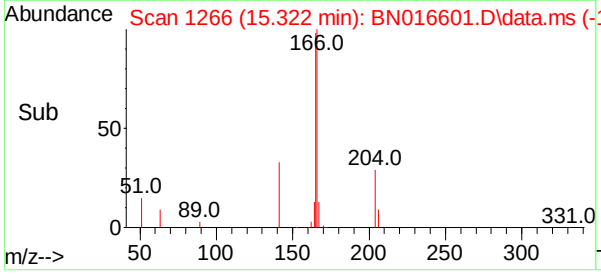


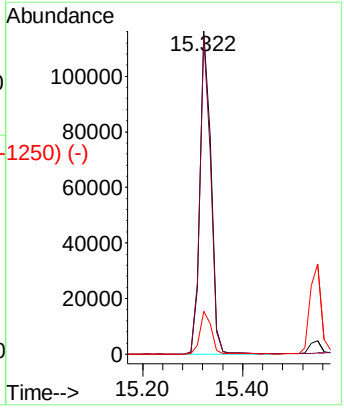
#18
Fluorene
Concen: 0.824 ng
RT: 15.322 min Scan# 1266
Delta R.T. 0.000 min
Lab File: BN016601.D
Acq: 30 Sep 2021 15:31

Tgt Ion:166 Resp: 175594

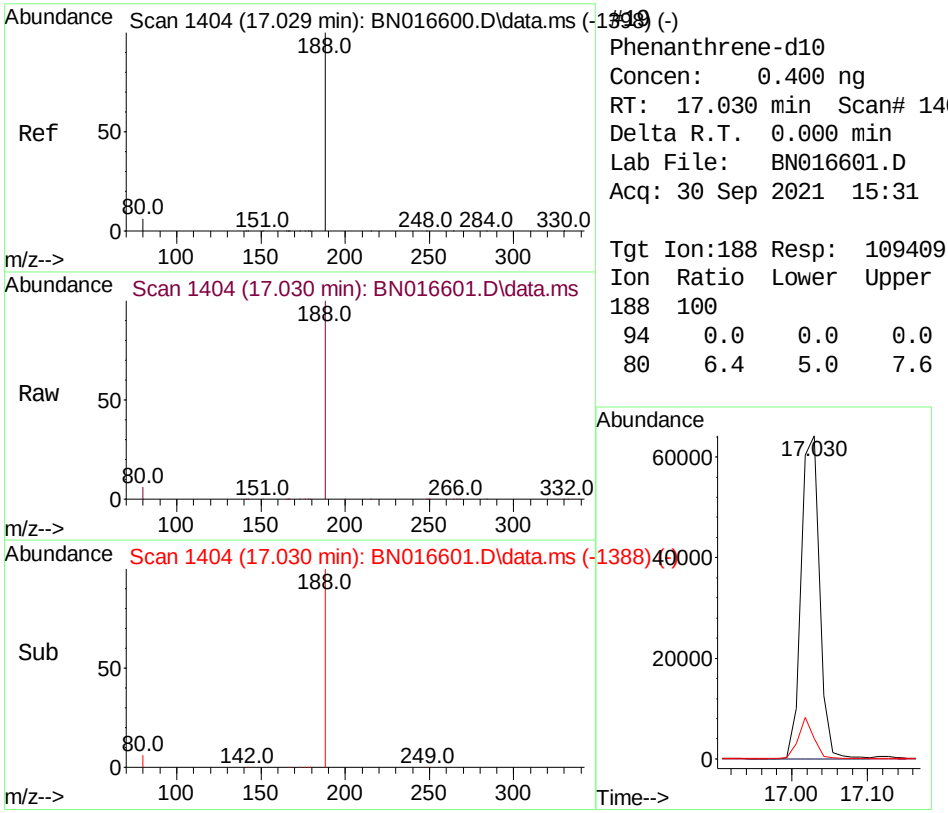
Ion	Ratio	Lower	Upper
166	100		
165	97.0	77.9	116.9
167	13.5	10.7	16.1







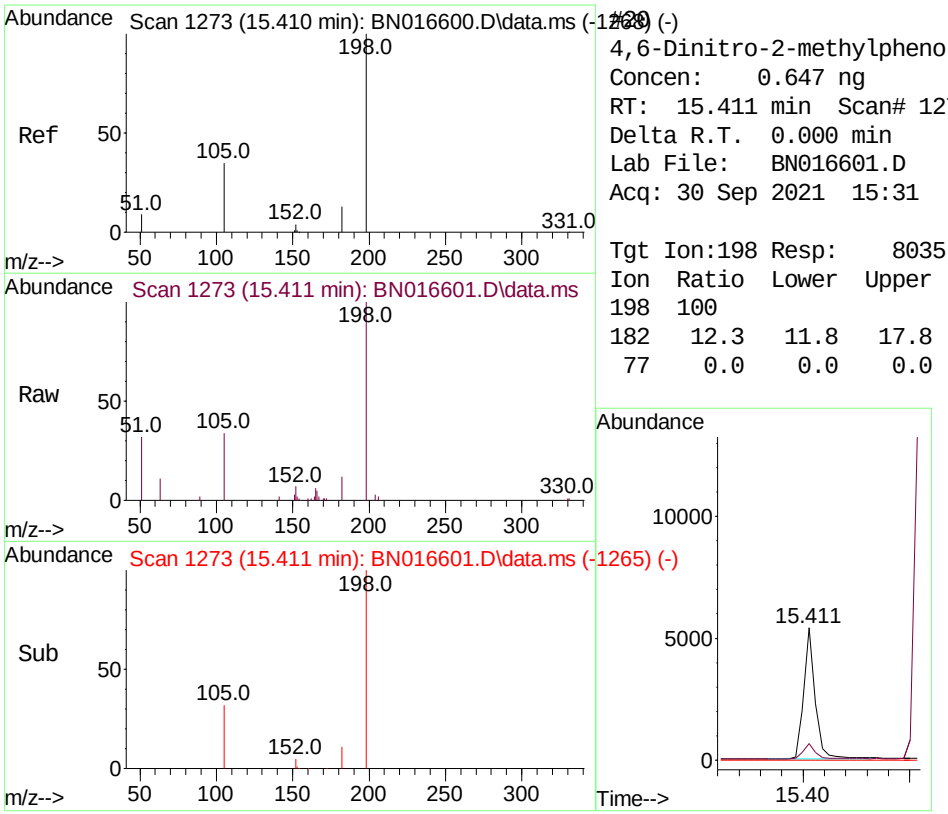
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.030 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BN016601.D
Acq: 30 Sep 2021 15:31

Tgt Ion:188 Resp: 109409

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.4	5.0	7.6

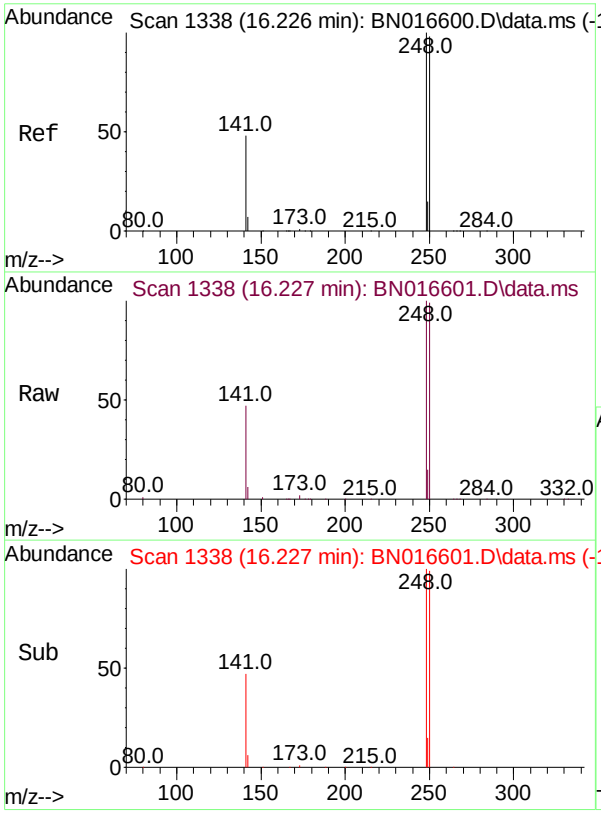


#20
4,6-Dinitro-2-methylphenol
Concen: 0.647 ng
RT: 15.411 min Scan# 1273
Delta R.T. 0.000 min
Lab File: BN016601.D
Acq: 30 Sep 2021 15:31

Tgt Ion:198 Resp: 8035

Ion	Ratio	Lower	Upper
198	100		
182	12.3	11.8	17.8
77	0.0	0.0	0.0

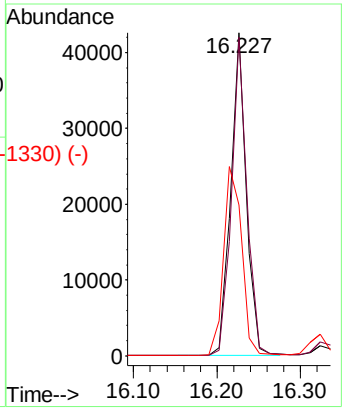
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

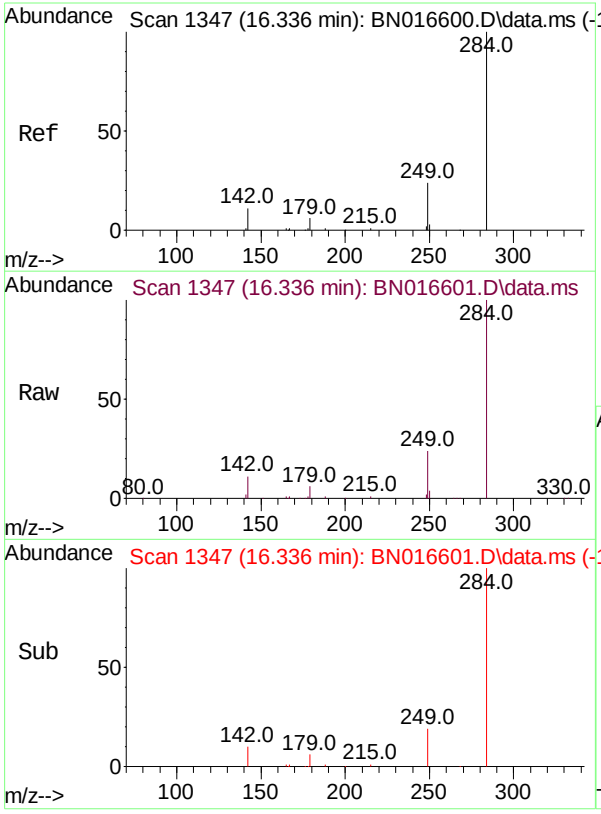


#21
4-Bromophenyl-phenylether
Concen: 0.827 ng
RT: 16.227 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BN016601.D
Acq: 30 Sep 2021 15:31

Tgt Ion:248 Resp: 55888

Ion	Ratio	Lower	Upper
248	100		
250	98.6	78.6	117.8
141	46.7	38.6	57.8

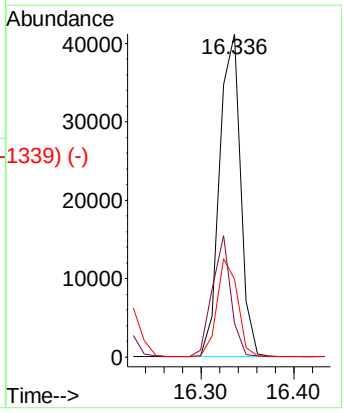




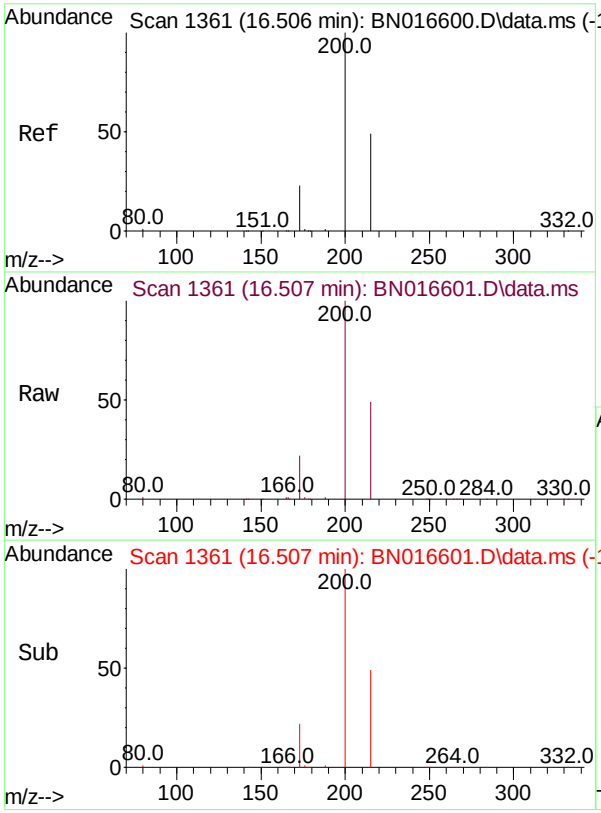
#22
Hexachlorobenzene
Concen: 0.821 ng
RT: 16.336 min Scan# 1347
Delta R.T. 0.000 min
Lab File: BN016601.D
Acq: 30 Sep 2021 15:31

Tgt Ion:284 Resp: 64803

Ion	Ratio	Lower	Upper
284	100		
142	33.0	26.4	39.6
249	29.6	23.4	35.2



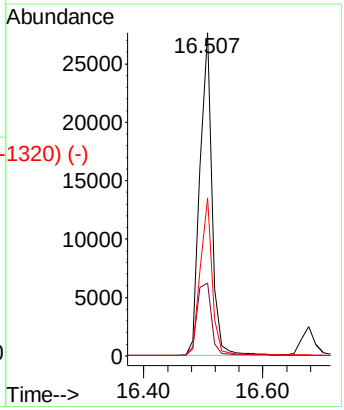
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

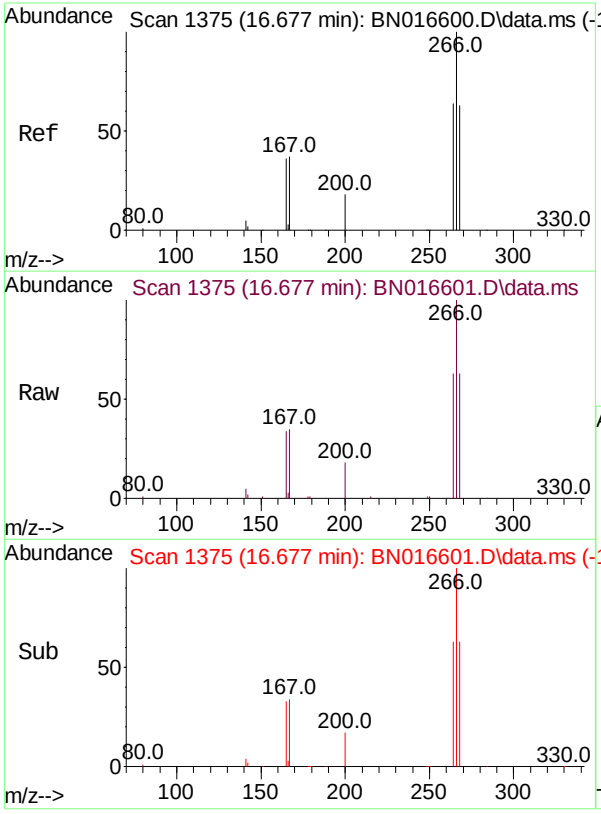


#23
Atrazine
Concen: 0.777 ng
RT: 16.507 min Scan# 1361
Delta R.T. 0.000 min
Lab File: BN016601.D
Acq: 30 Sep 2021 15:31

Tgt Ion:200 Resp: 38493

Ion	Ratio	Lower	Upper
200	100		
173	22.5	18.6	27.8
215	49.0	39.4	59.2

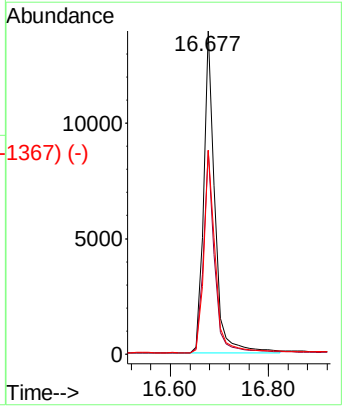




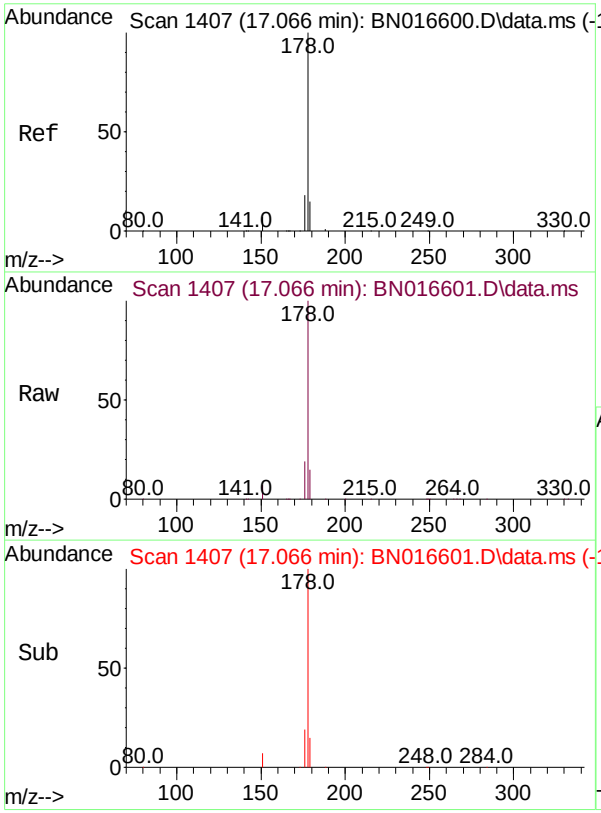
#24
Pentachlorophenol
Concen: 0.833 ng
RT: 16.677 min Scan# 1375
Delta R.T. 0.000 min
Lab File: BN016601.D
Acq: 30 Sep 2021 15:31

Tgt Ion:266 Resp: 22209

Ion	Ratio	Lower	Upper
266	100		
264	62.7	49.8	74.6
268	63.8	51.4	77.2



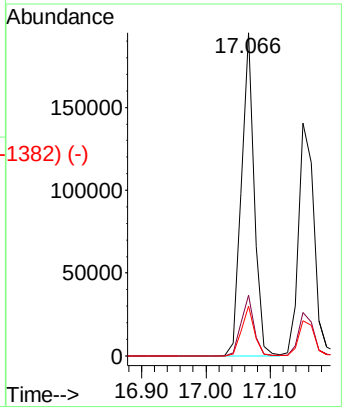
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

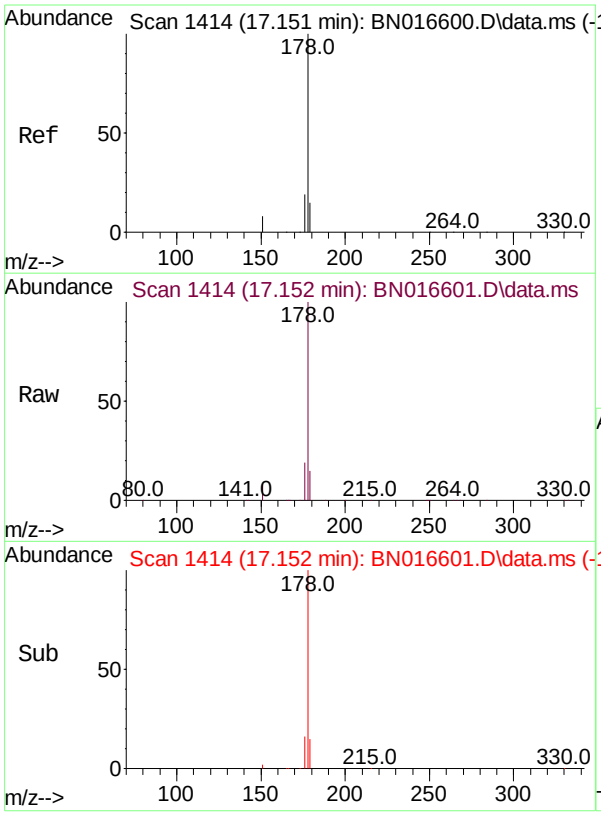


#25
Phenanthrene
Concen: 0.829 ng
RT: 17.066 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BN016601.D
Acq: 30 Sep 2021 15:31

Tgt Ion:178 Resp: 273489

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.4
179	15.4	12.2	18.4

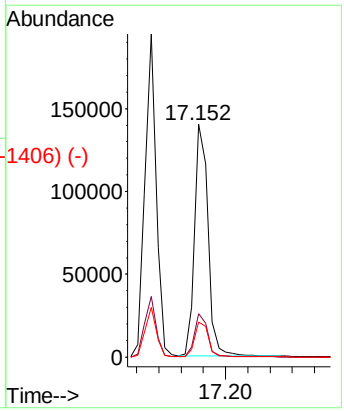




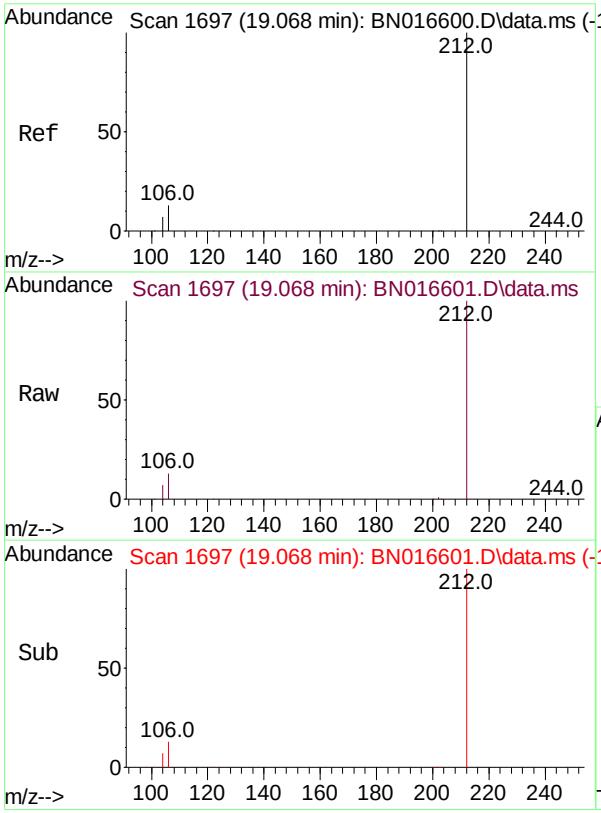
#26
Anthracene
Concen: 0.817 ng
RT: 17.152 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BN016601.D
Acq: 30 Sep 2021 15:31

Tgt Ion:178 Resp: 232480

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.6	21.8
179	15.3	12.2	18.4



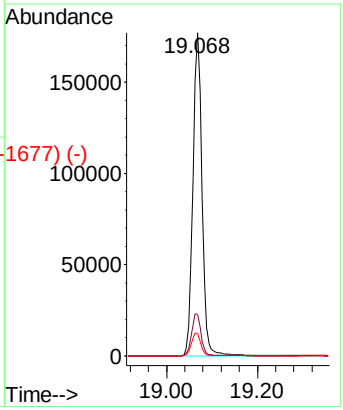
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

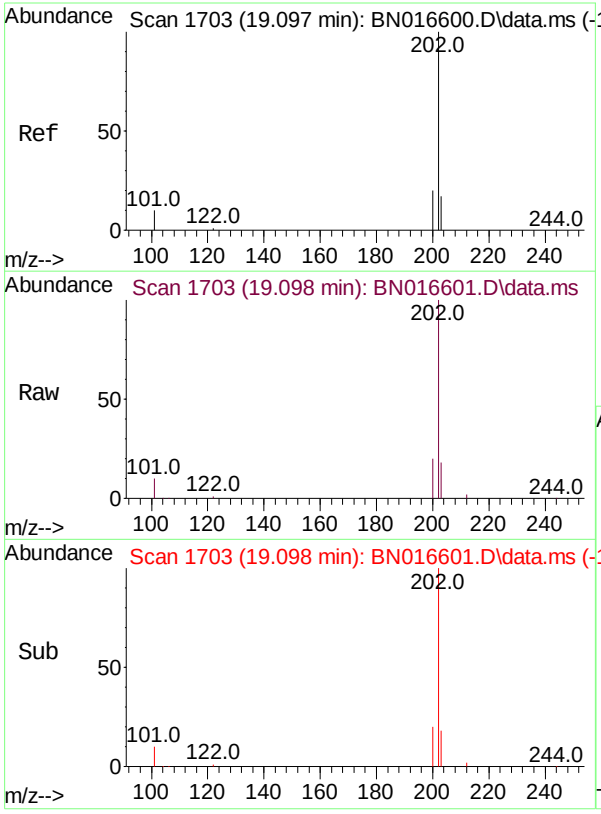


#27
Fluoranthene-d10
Concen: 0.804 ng
RT: 19.068 min Scan# 1697
Delta R.T. 0.000 min
Lab File: BN016601.D
Acq: 30 Sep 2021 15:31

Tgt Ion:212 Resp: 241116

Ion	Ratio	Lower	Upper
212	100		
106	13.5	10.6	16.0
104	7.3	5.9	8.9

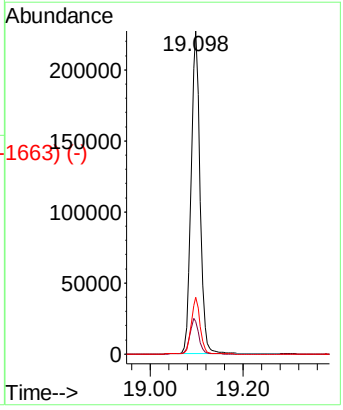




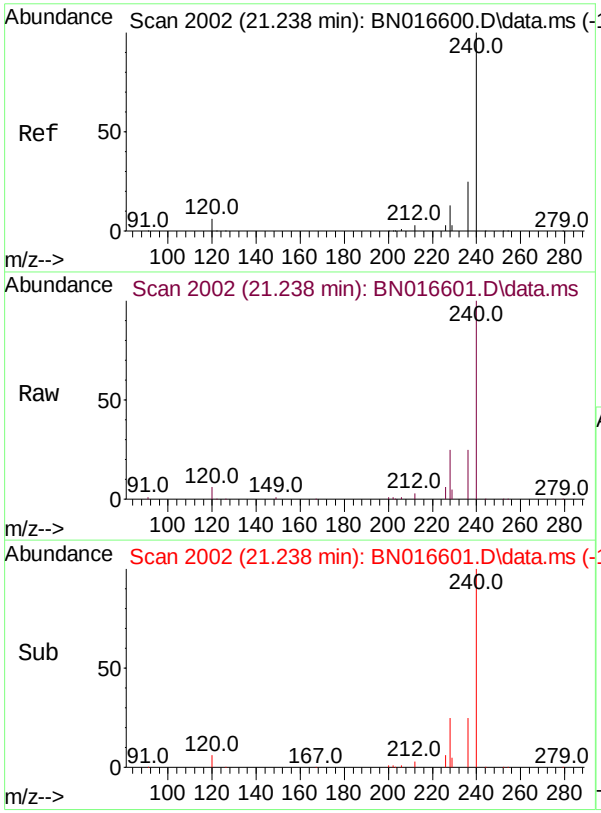
#28
Fluoranthene
Concen: 0.833 ng
RT: 19.098 min Scan# 1703
Delta R.T. 0.000 min
Lab File: BN016601.D
Acq: 30 Sep 2021 15:31

Tgt Ion:202 Resp: 302792

Ion	Ratio	Lower	Upper
202	100		
101	11.2	9.0	13.4
203	17.4	13.8	20.6



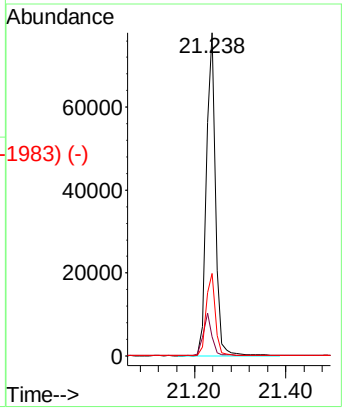
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

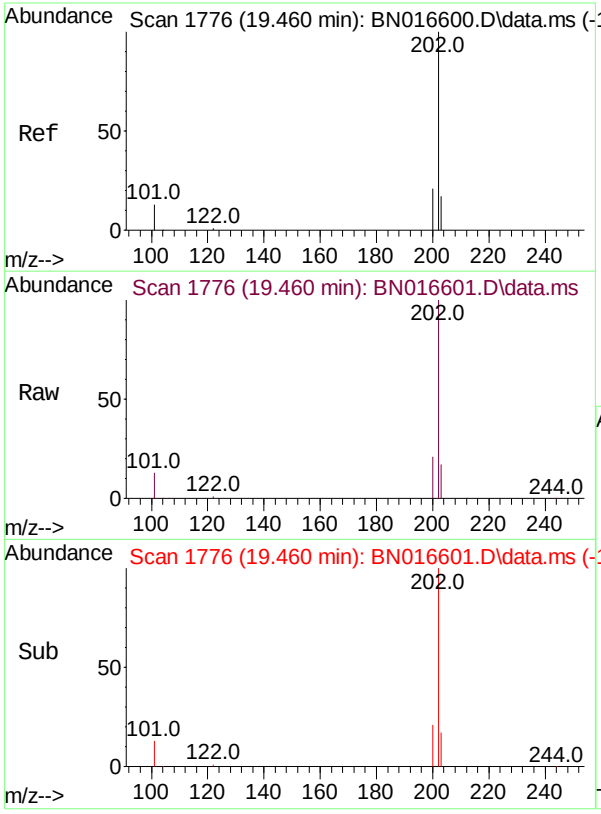


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.238 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BN016601.D
Acq: 30 Sep 2021 15:31

Tgt Ion:240 Resp: 107823

Ion	Ratio	Lower	Upper
240	100		
120	5.9	5.0	7.4
236	25.5	20.4	30.6

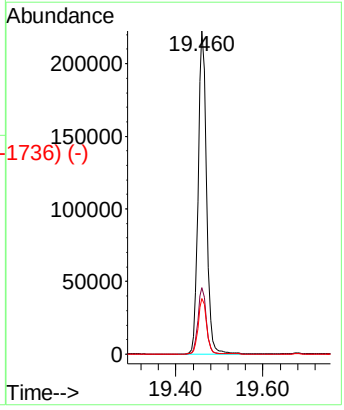




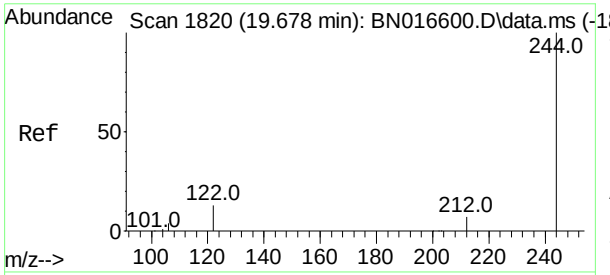
#30
Pyrene
Concen: 0.853 ng
RT: 19.460 min Scan# 1776
Delta R.T. 0.000 min
Lab File: BN016601.D
Acq: 30 Sep 2021 15:31

Tgt Ion:202 Resp: 299644

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



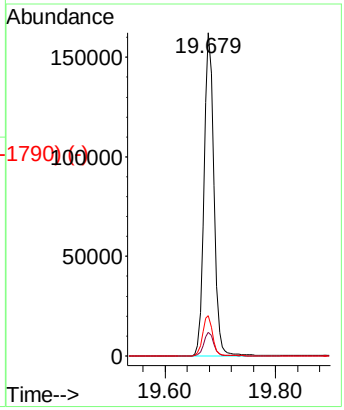
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

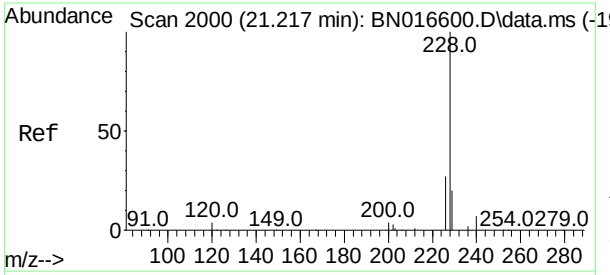


#31
Terphenyl-d14
Concen: 0.856 ng
RT: 19.679 min Scan# 1820
Delta R.T. 0.000 min
Lab File: BN016601.D
Acq: 30 Sep 2021 15:31

Tgt Ion:244 Resp: 200779

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	12.4	10.1	15.1

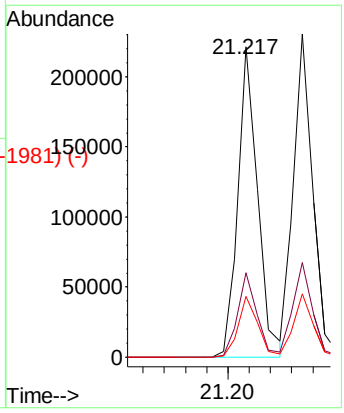




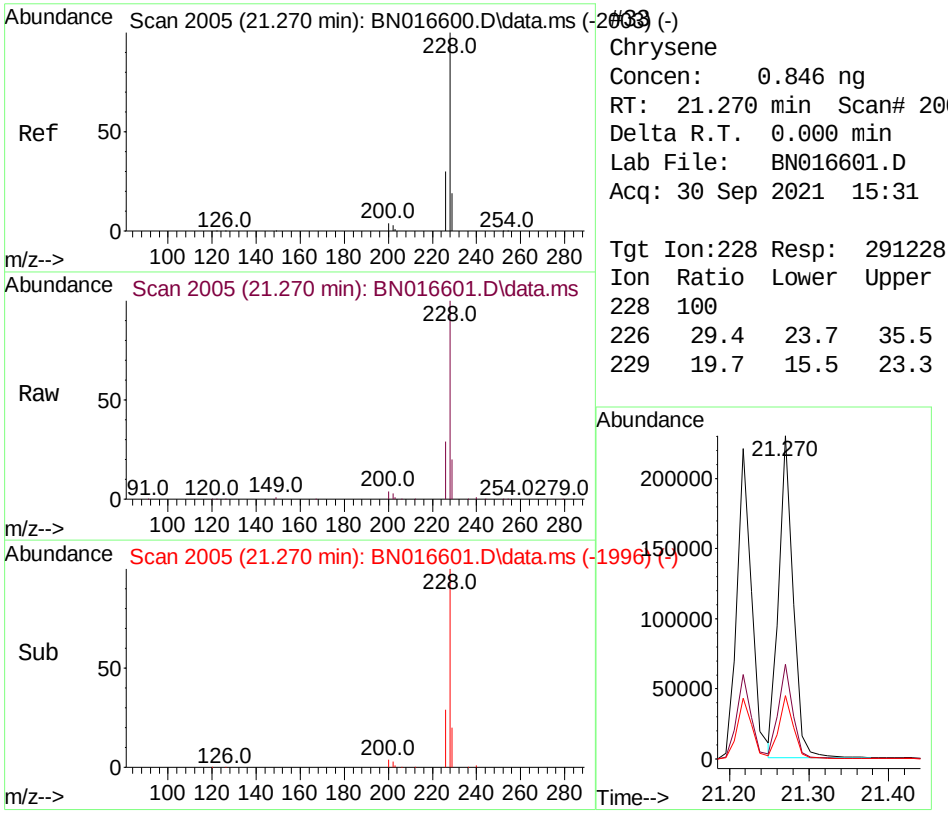
#32
Benzo(a)anthracene
Concen: 0.865 ng
RT: 21.217 min Scan# 2000
Delta R.T. 0.000 min
Lab File: BN016601.D
Acq: 30 Sep 2021 15:31

Tgt Ion:228 Resp: 284210

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.9	32.9
229	19.6	15.7	23.5



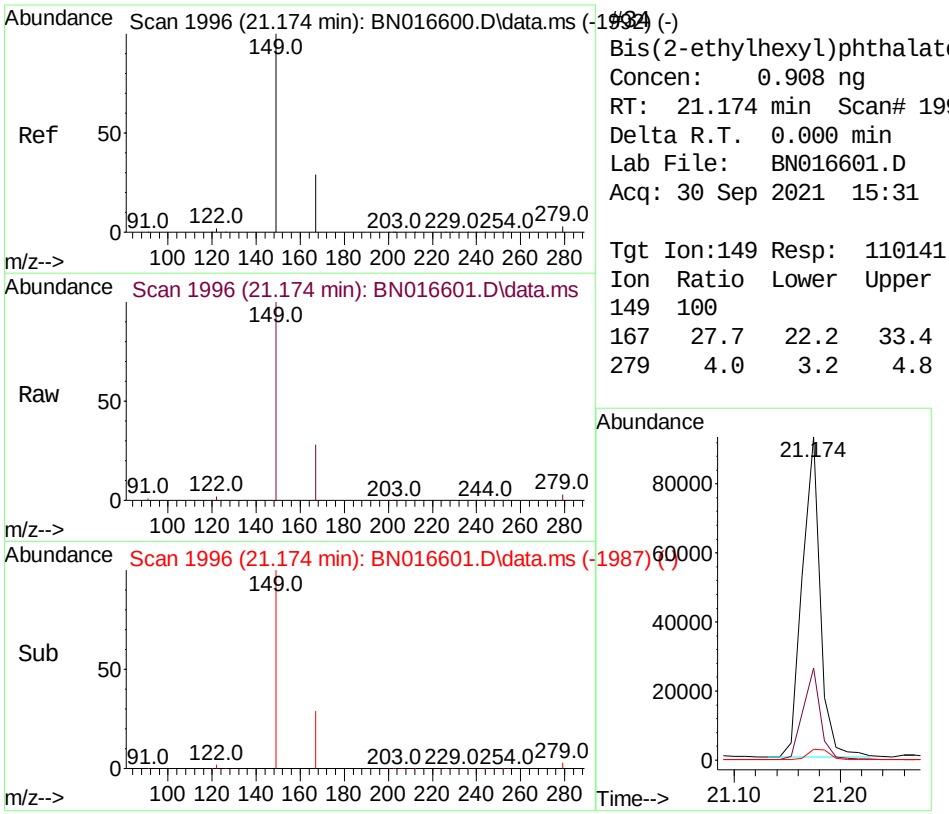
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8



#33
Chrysene
Concen: 0.846 ng
RT: 21.270 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BN016601.D
Acq: 30 Sep 2021 15:31

Tgt Ion:228 Resp: 291228

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.7	35.5
229	19.7	15.5	23.3

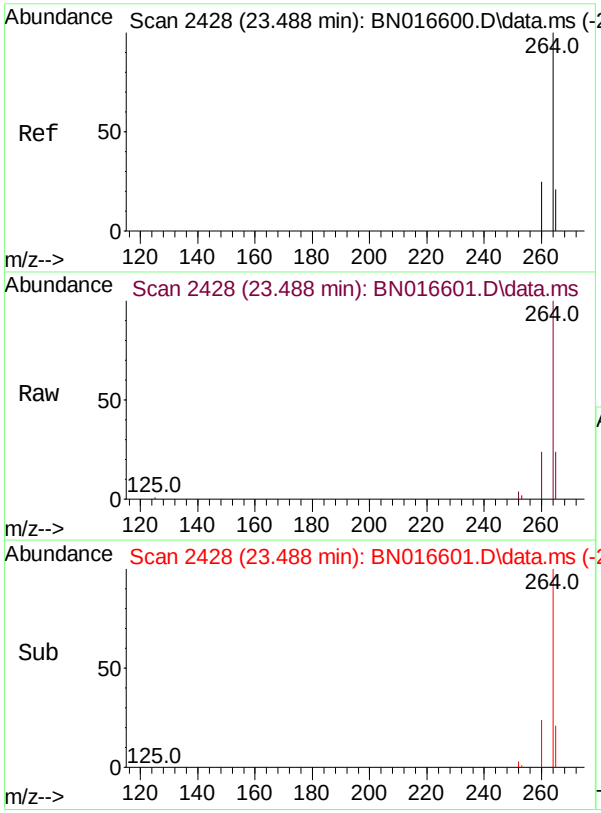


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.908 ng
RT: 21.174 min Scan# 1996
Delta R.T. 0.000 min
Lab File: BN016601.D
Acq: 30 Sep 2021 15:31

Tgt Ion:149 Resp: 110141

Ion	Ratio	Lower	Upper
149	100		
167	27.7	22.2	33.4
279	4.0	3.2	4.8

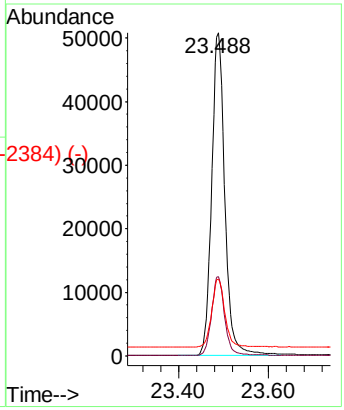
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

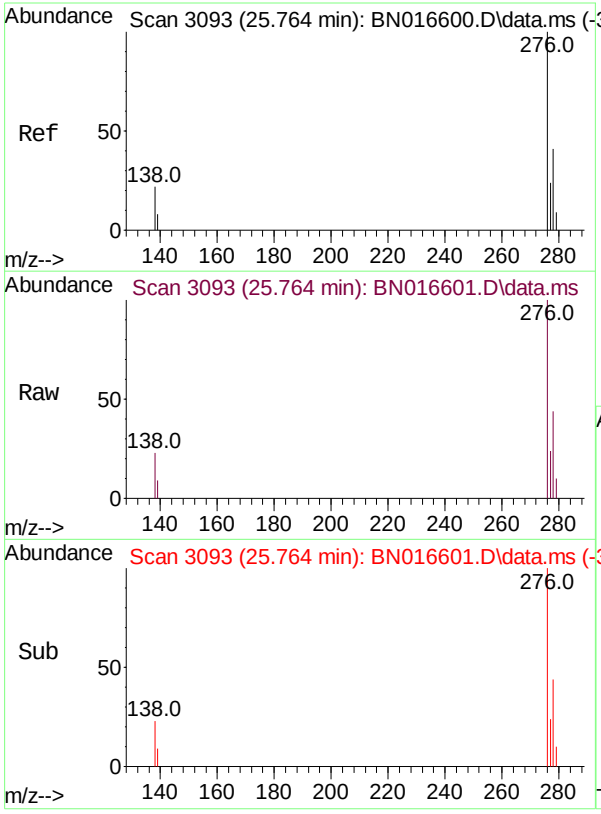


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.488 min Scan# 2428
Delta R.T. 0.000 min
Lab File: BN016601.D
Acq: 30 Sep 2021 15:31

Tgt Ion:264 Resp: 103379

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.9	29.9
265	23.7	19.2	28.8

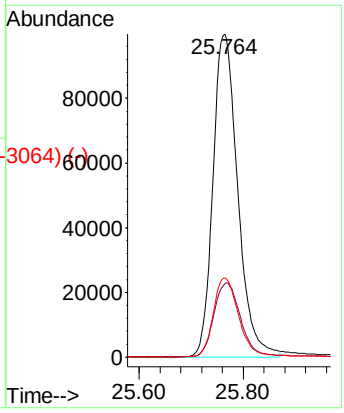




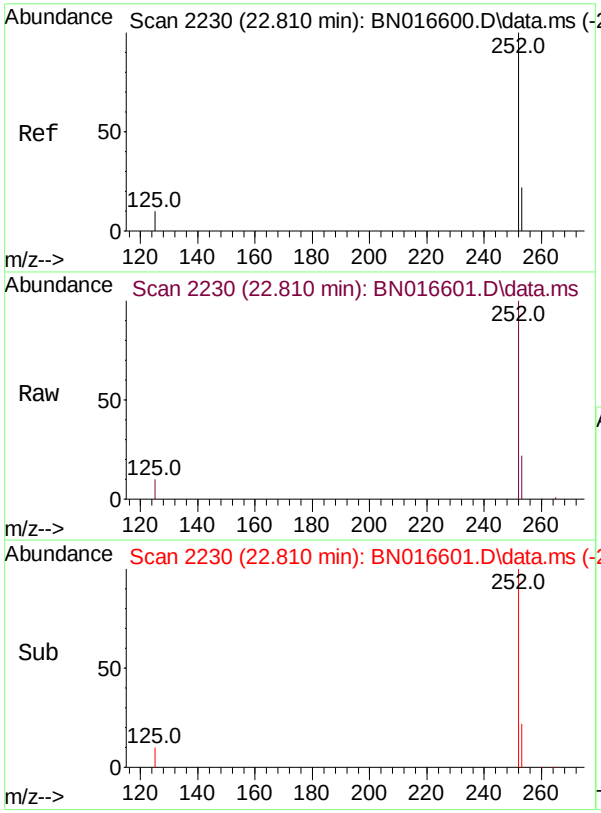
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.857 ng
RT: 25.764 min Scan# 3093
Delta R.T. 0.000 min
Lab File: BN016601.D
Acq: 30 Sep 2021 15:31

Tgt Ion:276 Resp: 330076

Ion	Ratio	Lower	Upper
276	100		
138	24.6	19.5	29.3
277	24.9	19.9	29.9



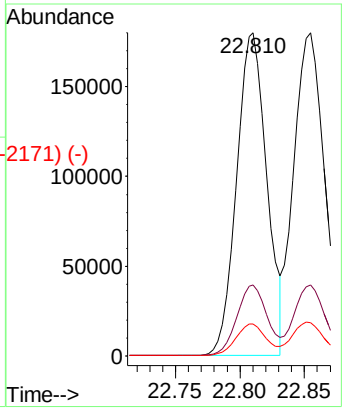
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

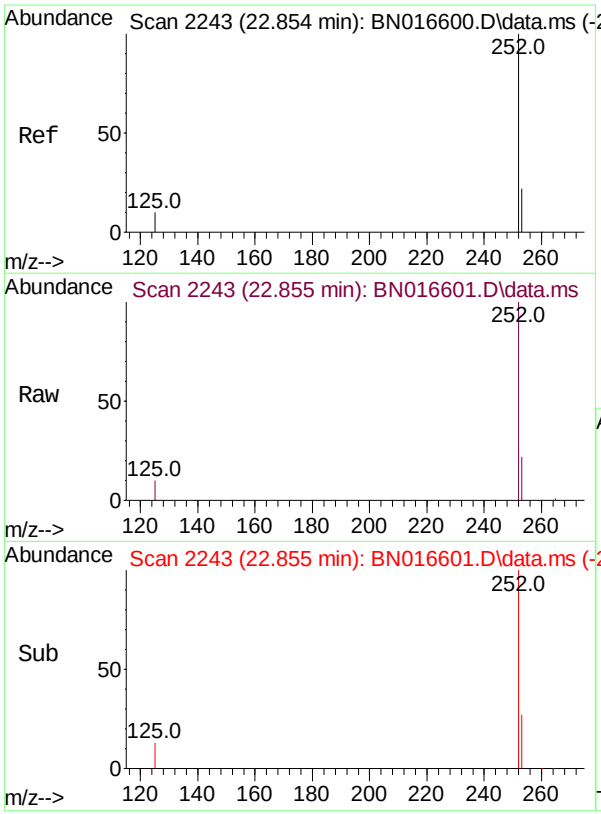


#37
Benzo(b)fluoranthene
Concen: 0.917 ng
RT: 22.810 min Scan# 2230
Delta R.T. 0.000 min
Lab File: BN016601.D
Acq: 30 Sep 2021 15:31

Tgt Ion:252 Resp: 293388

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.8
125	9.8	8.0	12.0

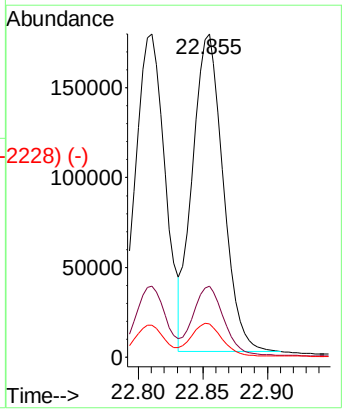




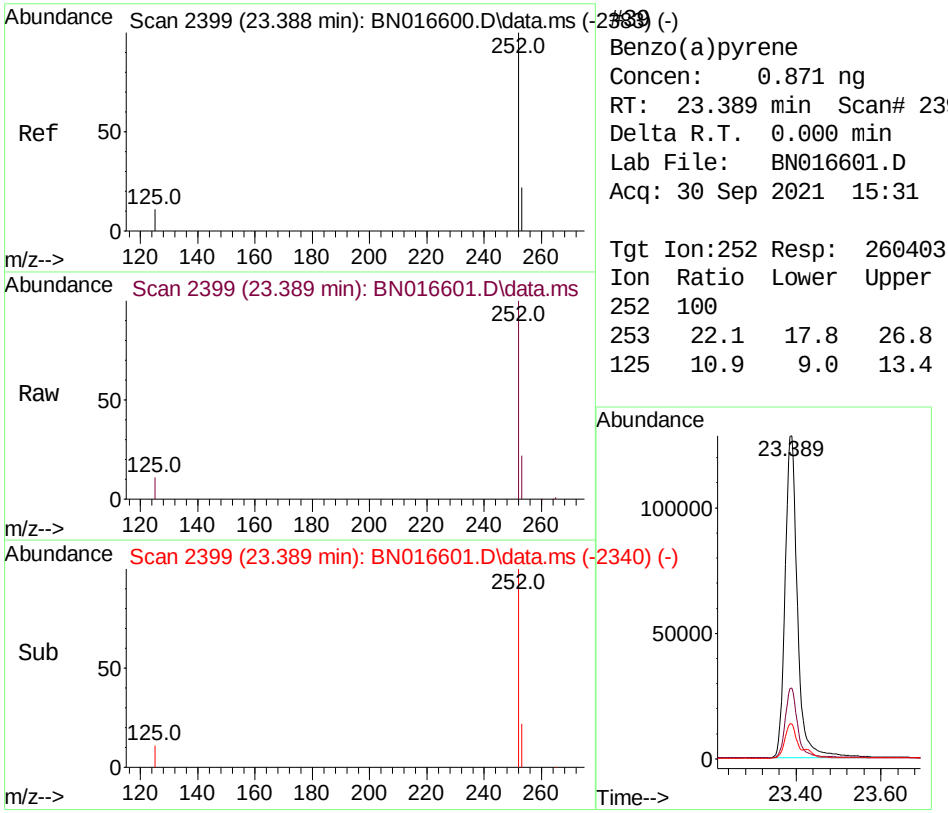
#38
Benzo(k)fluoranthene
Concen: 0.904 ng
RT: 22.855 min Scan# 2243
Delta R.T. 0.000 min
Lab File: BN016601.D
Acq: 30 Sep 2021 15:31

Tgt Ion:252 Resp: 292775

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	10.4	8.0	12.0



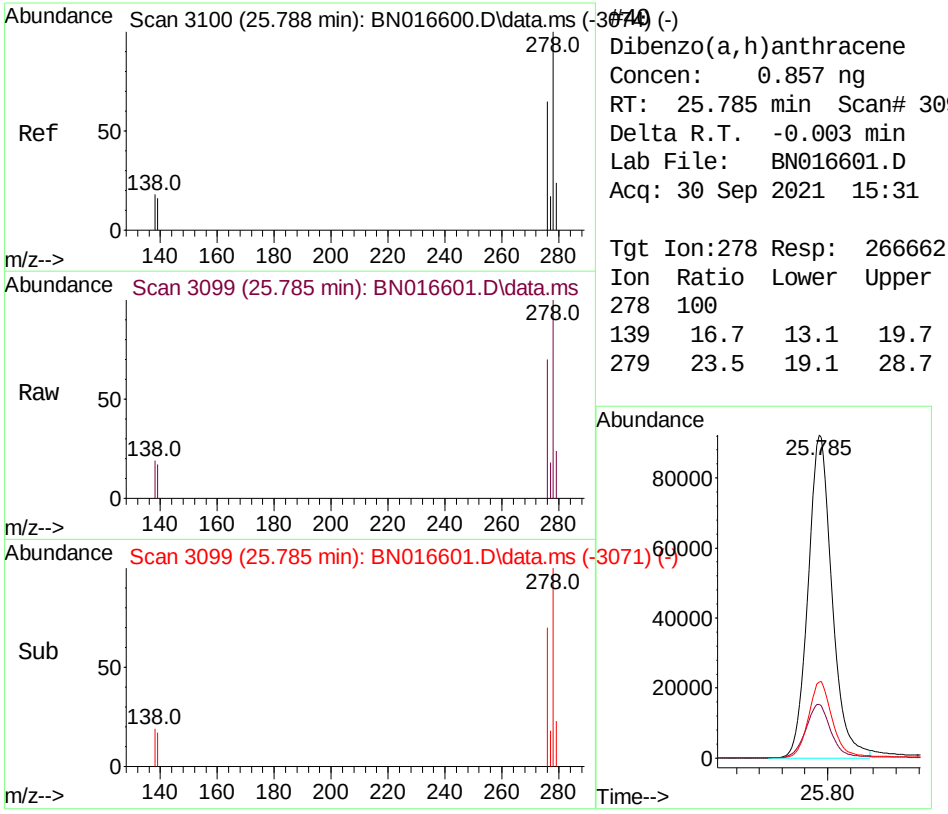
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8



#39
Benzo(a)pyrene
Concen: 0.871 ng
RT: 23.389 min Scan# 2399
Delta R.T. 0.000 min
Lab File: BN016601.D
Acq: 30 Sep 2021 15:31

Tgt Ion:252 Resp: 260403

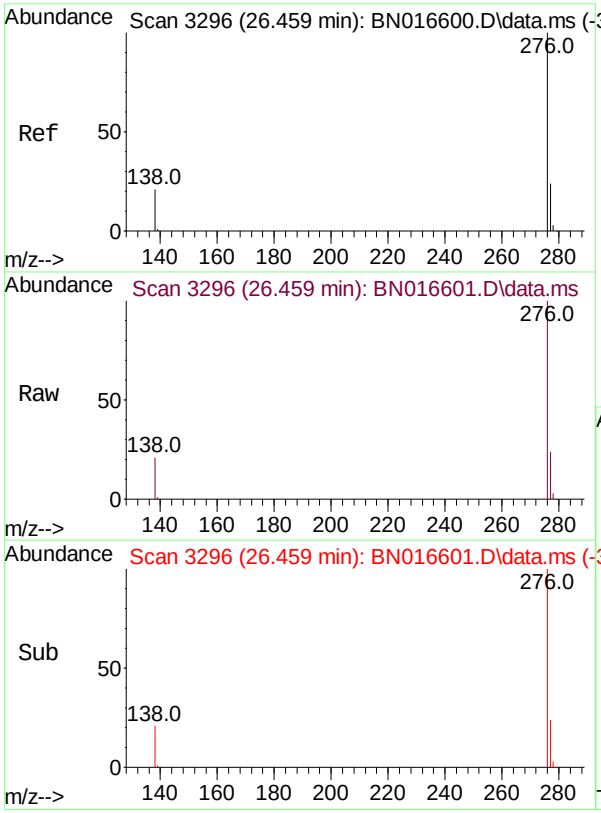
Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.8
125	10.9	9.0	13.4



#40
Dibenzo(a,h)anthracene
Concen: 0.857 ng
RT: 25.785 min Scan# 3099
Delta R.T. -0.003 min
Lab File: BN016601.D
Acq: 30 Sep 2021 15:31

Tgt Ion:278 Resp: 266662

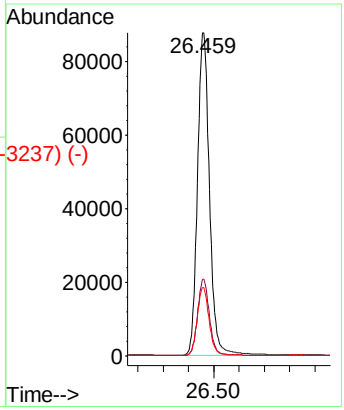
Ion	Ratio	Lower	Upper
278	100		
139	16.7	13.1	19.7
279	23.5	19.1	28.7



#41
Benzo(g,h,i)perylene
Concen: 0.851 ng
RT: 26.459 min Scan# 3296
Delta R.T. 0.000 min
Lab File: BN016601.D
Acq: 30 Sep 2021 15:31

Tgt Ion:276 Resp: 288371

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.0	28.6
138	21.1	16.9	25.3



Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8