Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030621\
Data File : BN013857.D
Acq On : 05 Mar 2021 12:47
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Mar 05 13:34:52 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN022421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 05 13:34:35 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.724	152	5505	0.40	ng		0.00
7) Naphthalene-d8	10.505	136	20767	0.40	ng		0.00
13) Acenaphthene-d10	14.346	164	11484	0.40	ng		0.00
19) Phenanthrene-d10	17.092	188	25469	0.40	ng		0.00
29) Chrysene-d12	21.271	240	27839	0.40	ng		0.00
36) Perylene-d12	23.503	264	24591	0.40	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.316	112	5239	0.35	ng		0.00
5) Phenol-d6	6.887	99	6777	0.34	ng		0.00
8) Nitrobenzene-d5	8.870	82	5462	0.41	ng		0.00
11) 2-Methylnaphthalene-d10	12.093	152	13239	0.39	ng		0.00
14) 2,4,6-Tribromophenol	15.843	330	1416	0.30	ng		0.00
15) 2-Fluorobiphenyl	12.976	172	17830	0.44	ng		0.00
27) Fluoranthene-d10	19.129	212	28052	0.37	ng		0.00
31) Terphenyl-d14	19.729	244	22354	0.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.255	88	2888	0.43	ng		99
3) n-Nitrosodimethylamine	3.585	42	1749	0.34	ng	#	99
6) bis(2-Chloroethyl)ether	7.152	93	6092	0.44	ng		96
9) Naphthalene	10.555	128	21300	0.42	ng		100
10) Hexachlorobutadiene	10.847	225	4039	0.41	ng	#	99
12) 2-Methylnaphthalene	12.168	142	14320	0.40	ng		99
16) Acenaphthylene	14.067	152	17688	0.34	ng		99
17) Acenaphthene	14.409	154	13228	0.41	ng		99
18) Fluorene	15.399	166	16426	0.40	ng		99
20) 4,6-Dinitro-2-methylph...	15.475	198	1004	0.57	ng	#	85
21) 4-Bromophenyl-phenylether	16.301	248	5402	0.39	ng	#	74
22) Hexachlorobenzene	16.410	284	6355	0.44	ng		99
23) Atrazine	16.556	200	3306	0.26	ng	#	91
24) Pentachlorophenol	16.751	266	1546	0.33	ng		95
25) Phenanthrene	17.140	178	28130	0.42	ng		99
26) Anthracene	17.226	178	22415	0.35	ng		100
28) Fluoranthene	19.158	202	31523	0.40	ng		99
30) Pyrene	19.521	202	32202	0.38	ng		100
32) Benzo(a)anthracene	21.260	228	28848	0.34	ng		99
33) Chrysene	21.314	228	34300	0.41	ng		97
34) Bis(2-ethylhexyl)phtha...	21.197	149	8129	0.20	ng		100
35) Indeno(1,2,3-cd)pyrene	25.745	276	38670	0.38	ng		99
37) Benzo(b)fluoranthene	22.835	252	33815	0.43	ng		97
38) Benzo(k)fluoranthene	22.835	252	33815	0.45	ng		96
39) Benzo(a)pyrene	23.407	252	30851	0.44	ng	#	94
40) Dibenzo(a,h)anthracene	25.758	278	31918	0.43	ng		97
41) Benzo(g,h,i)perylene	26.426	276	32510	0.43	ng		99

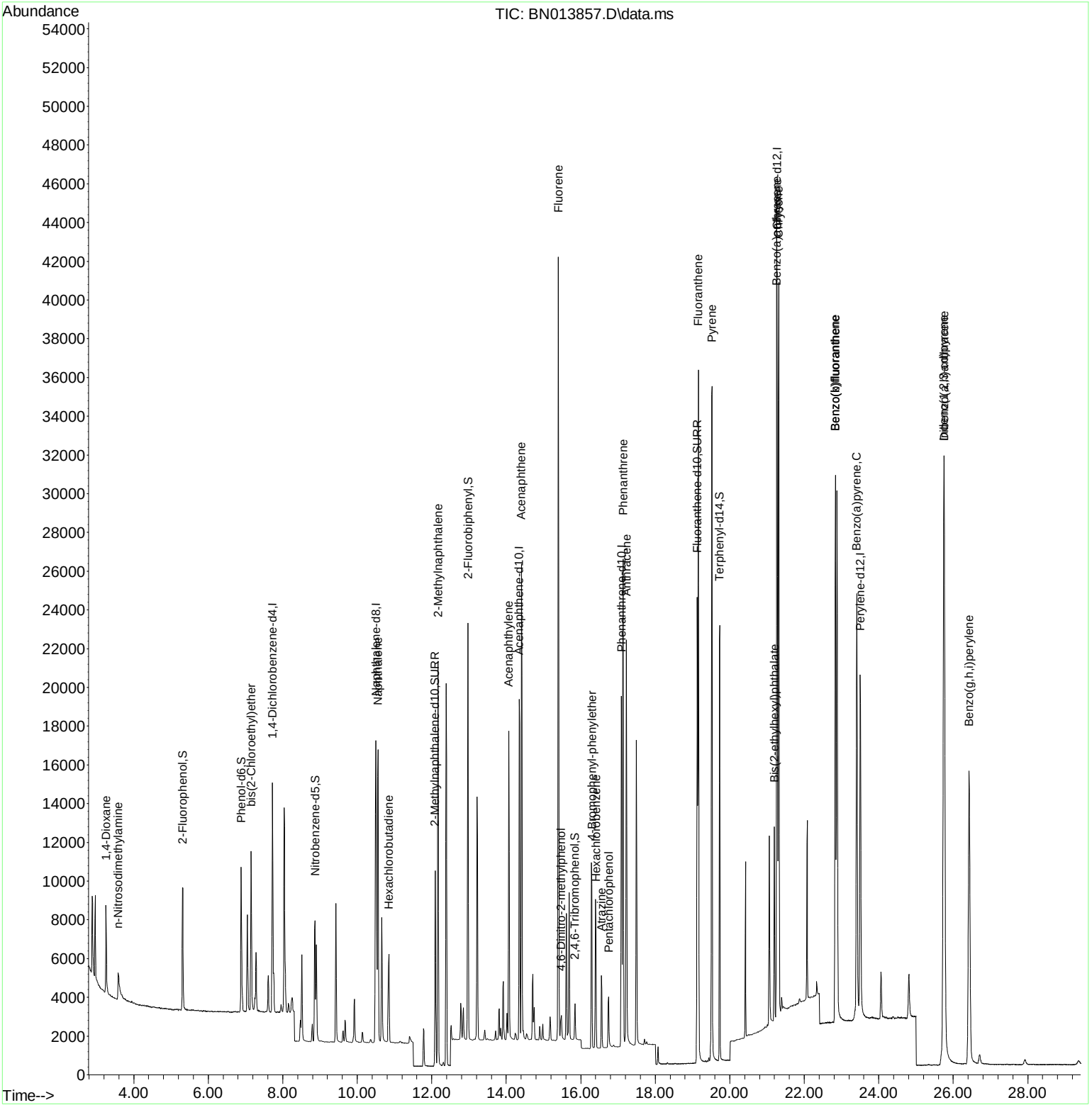
(#) = qualifier out of range (m) = manual integration (+) = signals summed

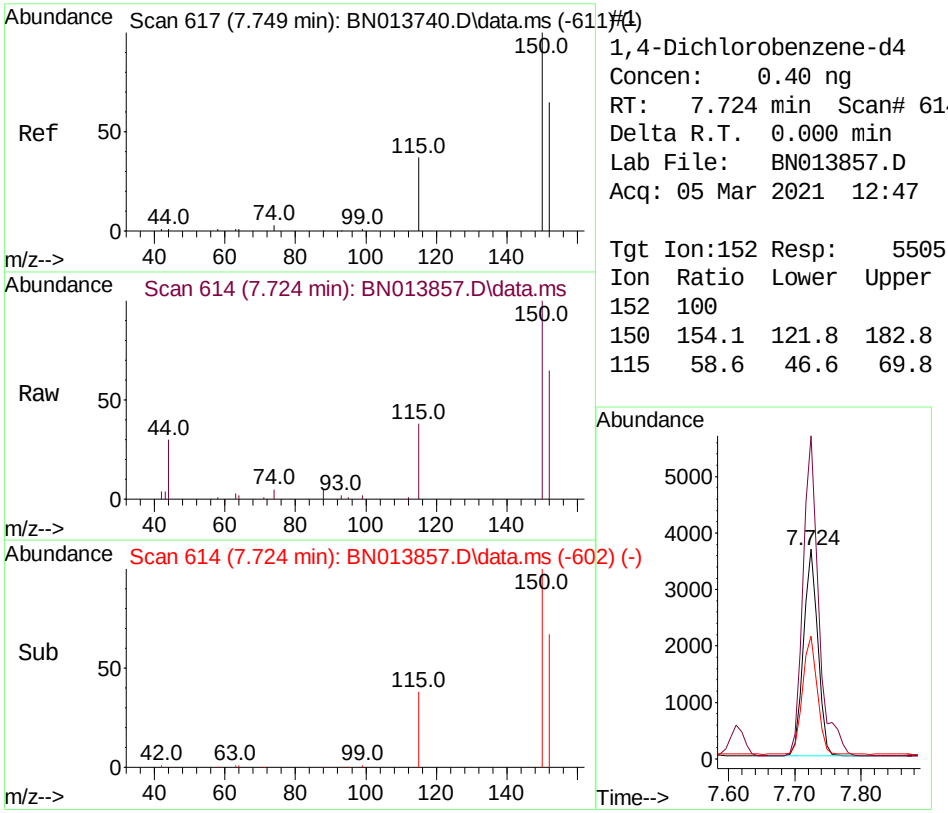
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030621\
Data File : BN013857.D
Acq On : 05 Mar 2021 12:47
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Mar 05 13:34:52 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN022421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 05 13:34:35 2021
Response via : Initial Calibration



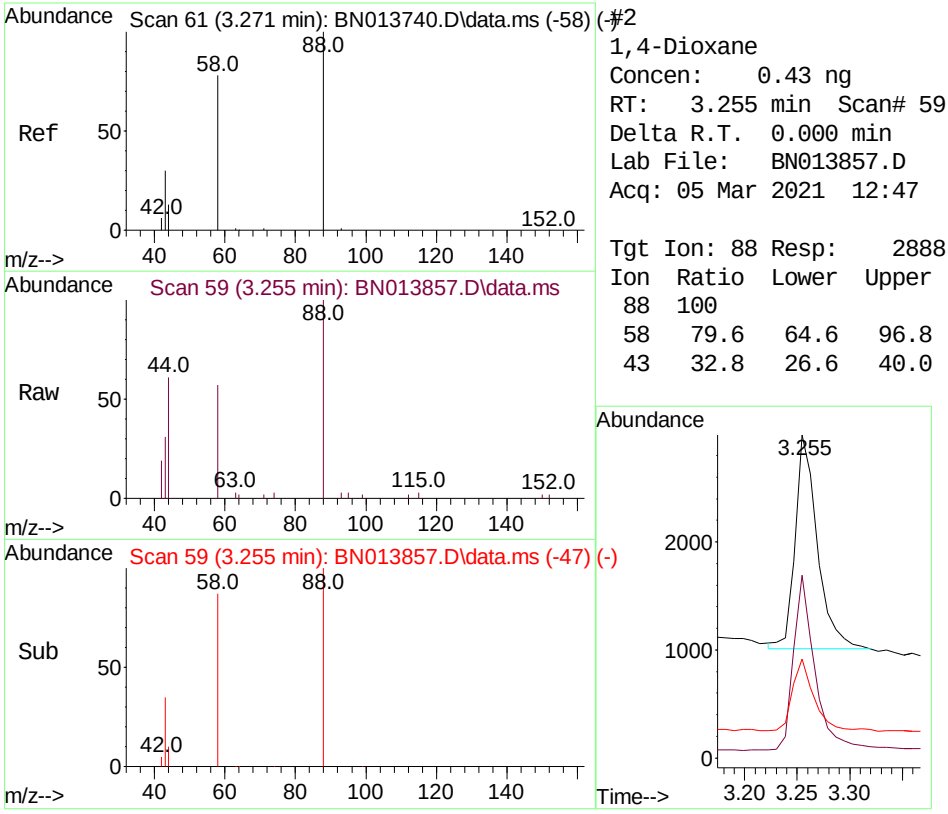


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.724 min Scan# 614
Delta R.T. 0.000 min
Lab File: BN013857.D
Acq: 05 Mar 2021 12:47

Tgt Ion:152 Resp: 5505

Ion	Ratio	Lower	Upper
152	100		
150	154.1	121.8	182.8
115	58.6	46.6	69.8

Instrument :
BNA_N
ClientSampleId :

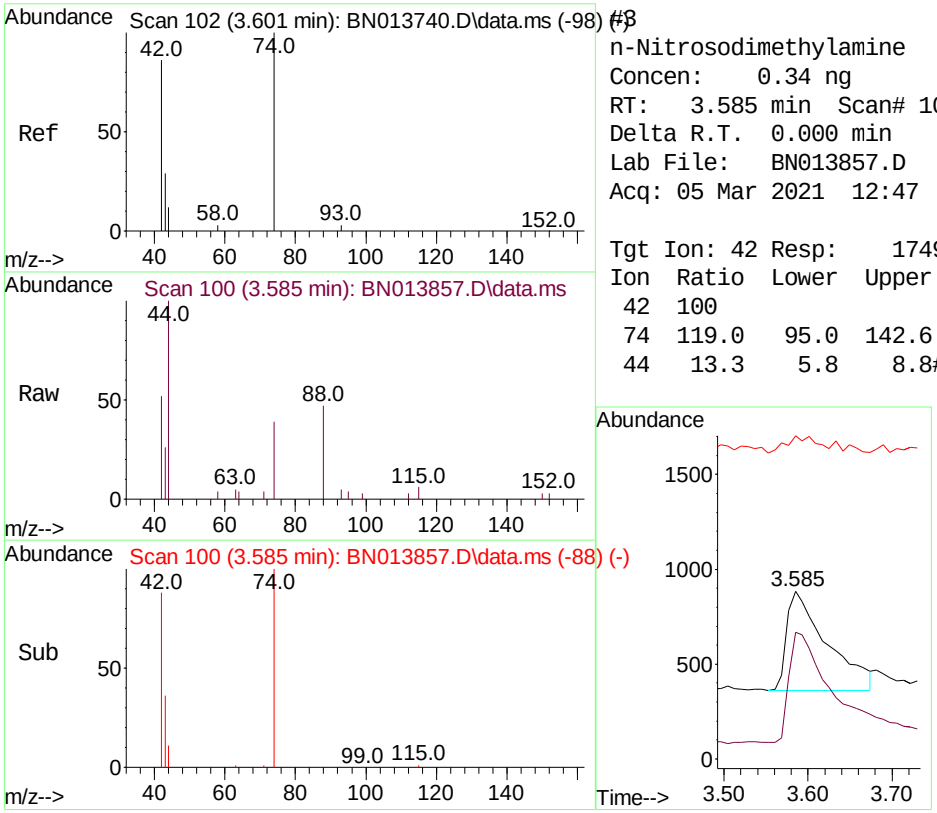


#2
1,4-Dioxane
Concen: 0.43 ng
RT: 3.255 min Scan# 59
Delta R.T. 0.000 min
Lab File: BN013857.D
Acq: 05 Mar 2021 12:47

Tgt Ion: 88 Resp: 2888

Ion	Ratio	Lower	Upper
88	100		
58	79.6	64.6	96.8
43	32.8	26.6	40.0

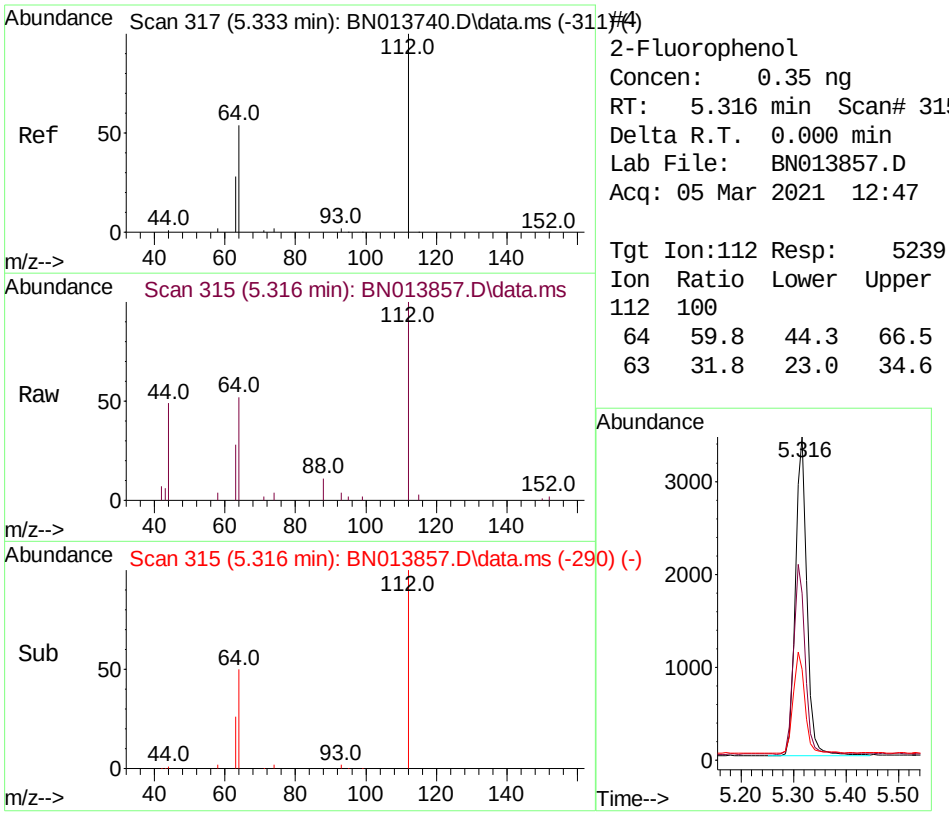
Instrument :
BNA_N
ClientSampleId :



#3
n-Nitrosodimethylamine
Concen: 0.34 ng
RT: 3.585 min Scan# 100
Delta R.T. 0.000 min
Lab File: BN013857.D
Acq: 05 Mar 2021 12:47

Tgt Ion: 42 Resp: 1749

Ion	Ratio	Lower	Upper
42	100		
74	119.0	95.0	142.6
44	13.3	5.8	8.8#

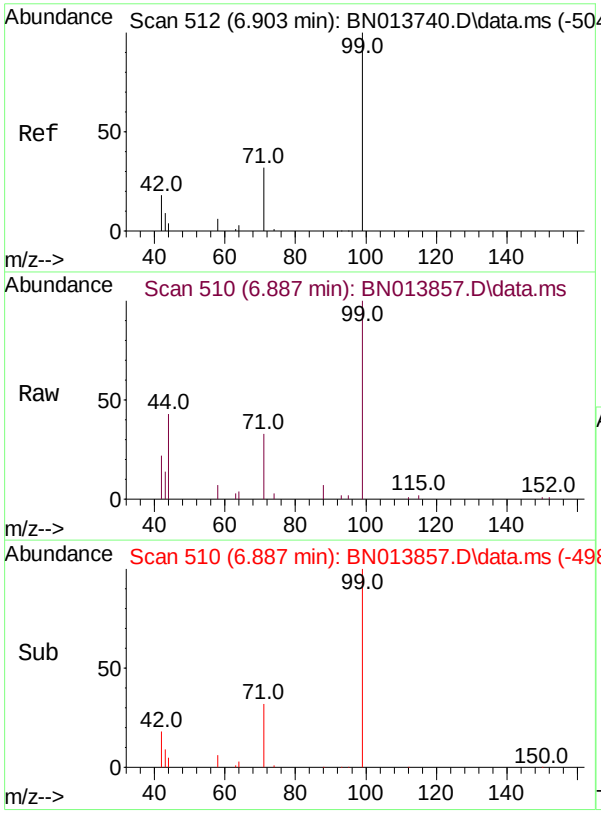


#4
2-Fluorophenol
Concen: 0.35 ng
RT: 5.316 min Scan# 315
Delta R.T. 0.000 min
Lab File: BN013857.D
Acq: 05 Mar 2021 12:47

Tgt Ion:112 Resp: 5239

Ion	Ratio	Lower	Upper
112	100		
64	59.8	44.3	66.5
63	31.8	23.0	34.6

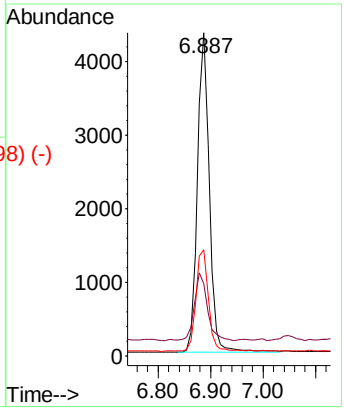
Instrument :
BNA_N
ClientSampleId :

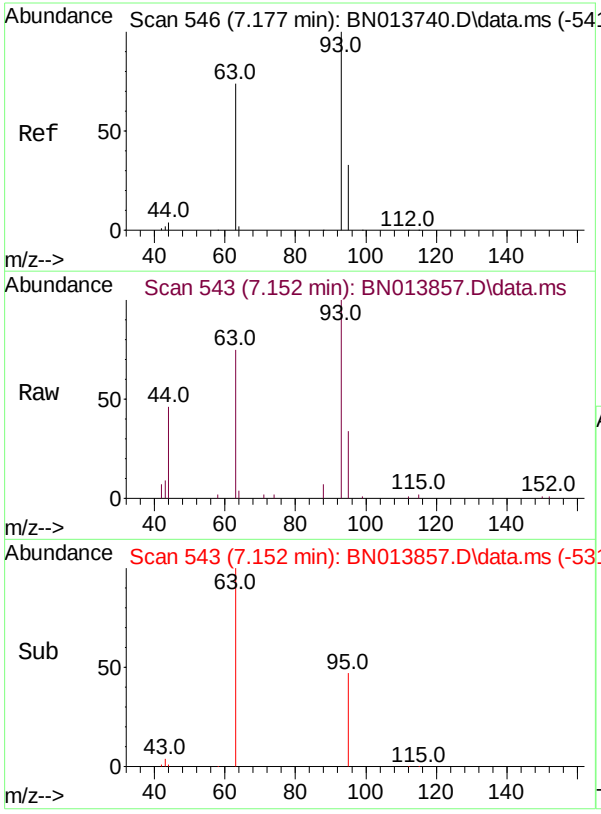


#5
Phenol-d6
Concen: 0.34 ng
RT: 6.887 min Scan# 510
Delta R.T. 0.000 min
Lab File: BN013857.D
Acq: 05 Mar 2021 12:47

Tgt Ion: 99 Resp: 6777

Ion	Ratio	Lower	Upper
99	100		
42	22.9	15.2	22.8#
71	33.1	26.1	39.1

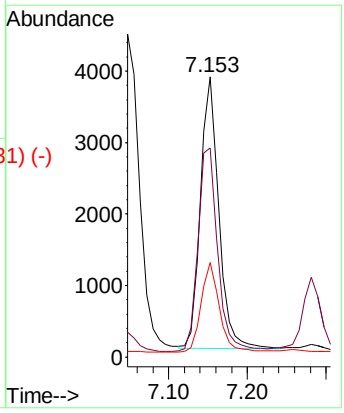




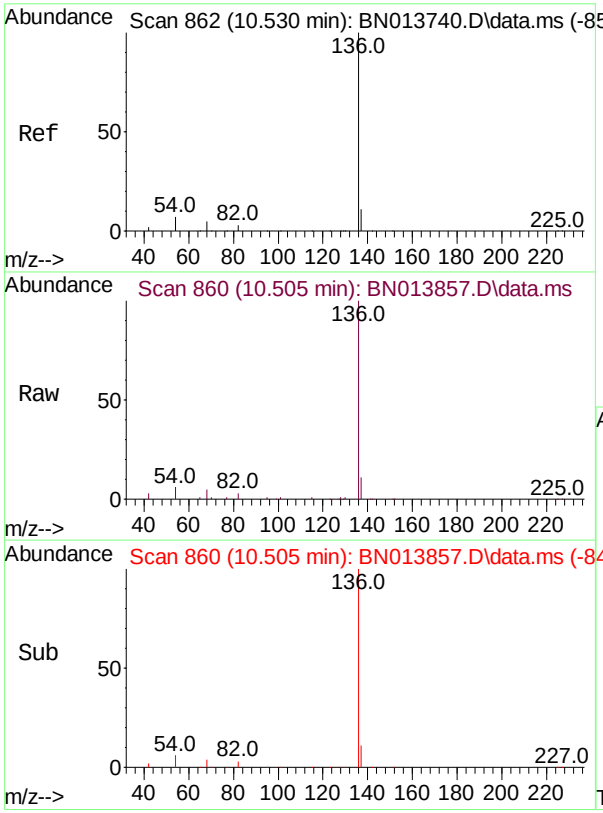
#6
bis(2-Chloroethyl)ether
Concen: 0.44 ng
RT: 7.152 min Scan# 543
Delta R.T. 0.000 min
Lab File: BN013857.D
Acq: 05 Mar 2021 12:47

Tgt Ion: 93 Resp: 6092

Ion	Ratio	Lower	Upper
93	100		
63	80.9	60.8	91.2
95	32.8	26.0	39.0



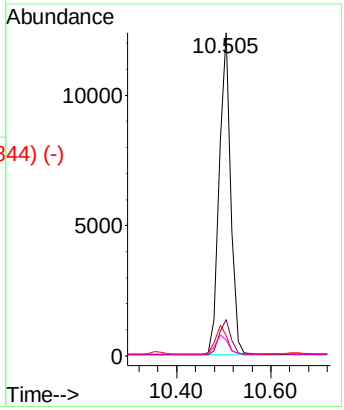
Instrument :
BNA_N
ClientSampleId :

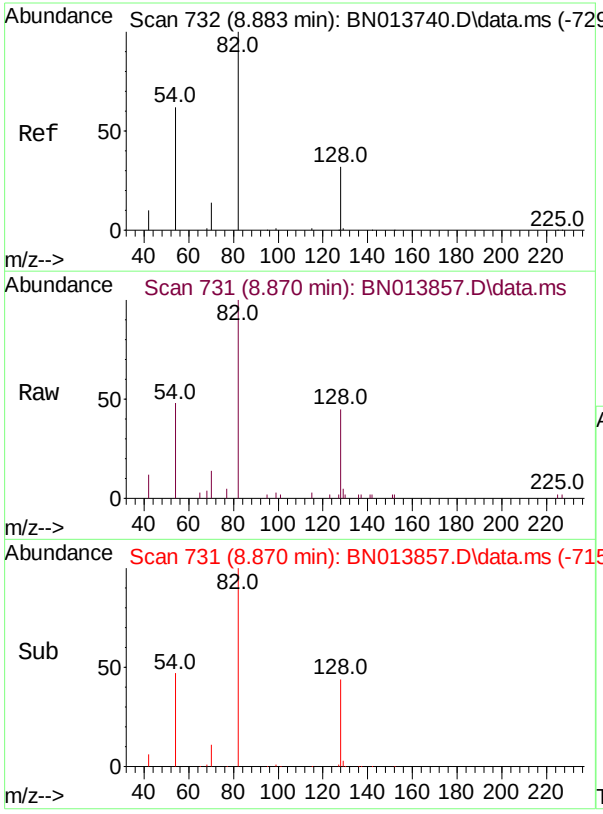


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.505 min Scan# 860
Delta R.T. 0.000 min
Lab File: BN013857.D
Acq: 05 Mar 2021 12:47

Tgt Ion:136 Resp: 20767

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.6
54	6.4	6.4	9.6
68	5.0	4.5	6.7

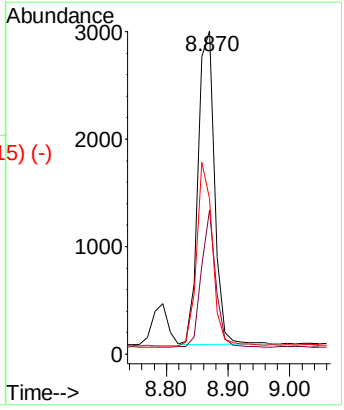




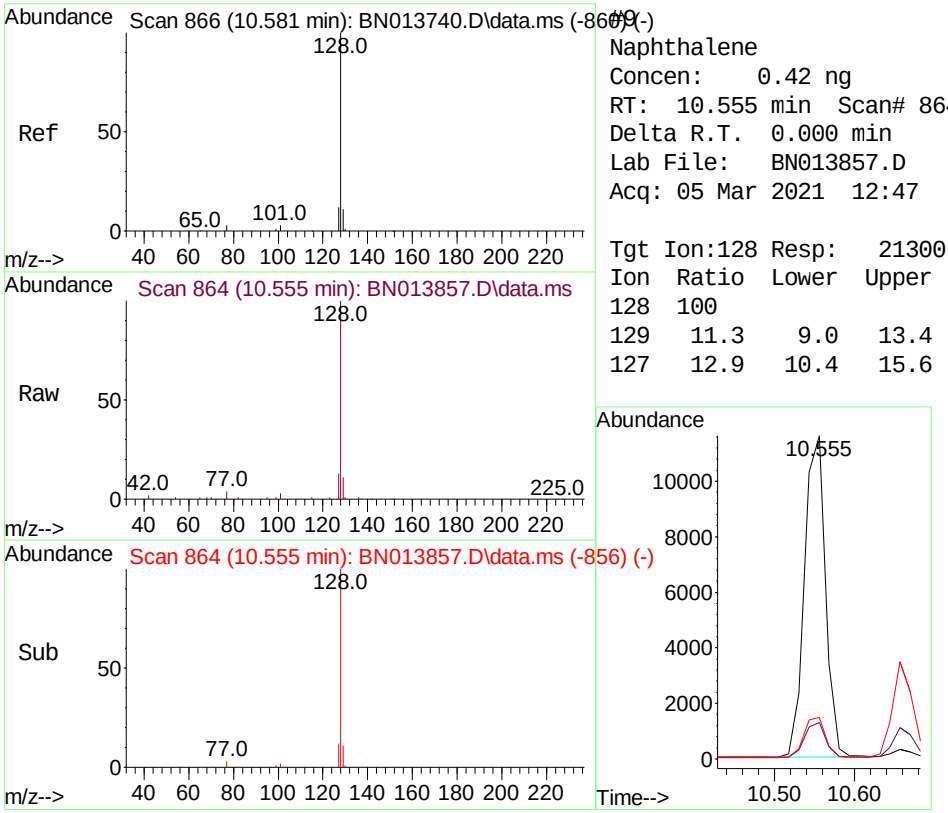
#8
Nitrobenzene-d5
Concen: 0.41 ng
RT: 8.870 min Scan# 731
Delta R.T. 0.000 min
Lab File: BN013857.D
Acq: 05 Mar 2021 12:47

Tgt Ion: 82 Resp: 5462

Ion	Ratio	Lower	Upper
82	100		
128	44.6	39.2	58.8
54	48.1	40.1	60.1



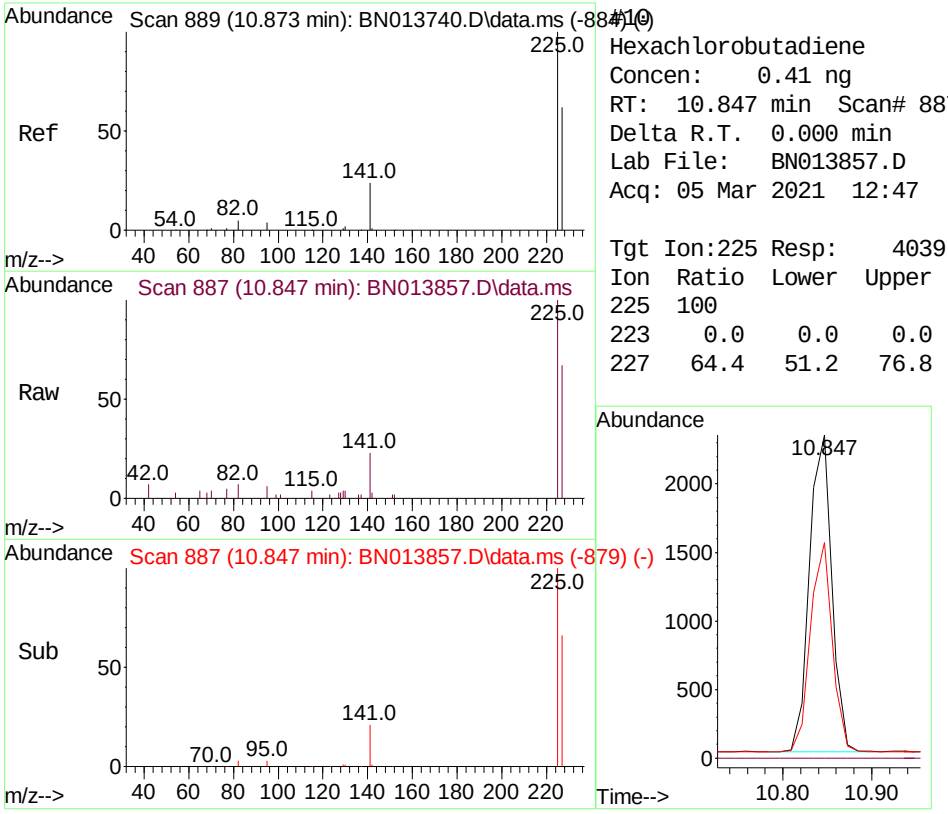
Instrument :
BNA_N
ClientSampleId :



#9
Naphthalene
Concen: 0.42 ng
RT: 10.555 min Scan# 864
Delta R.T. 0.000 min
Lab File: BN013857.D
Acq: 05 Mar 2021 12:47

Tgt Ion:128 Resp: 21300

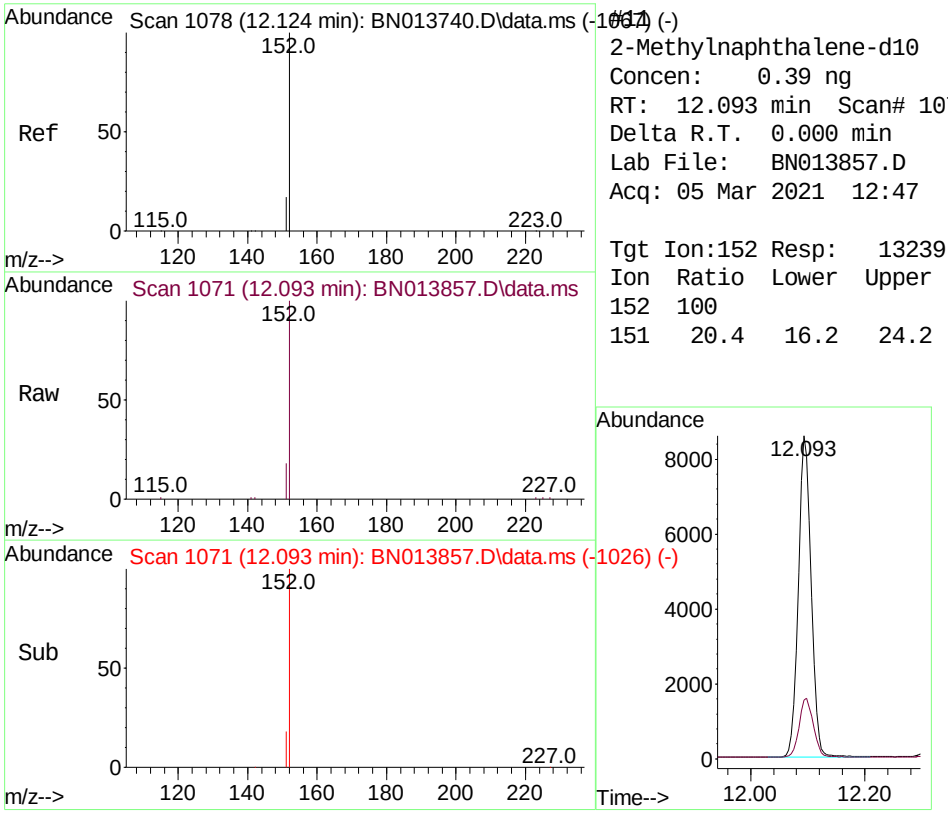
Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.4
127	12.9	10.4	15.6



#10
Hexachlorobutadiene
Concen: 0.41 ng
RT: 10.847 min Scan# 887
Delta R.T. 0.000 min
Lab File: BN013857.D
Acq: 05 Mar 2021 12:47

Tgt Ion:225 Resp: 4039

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

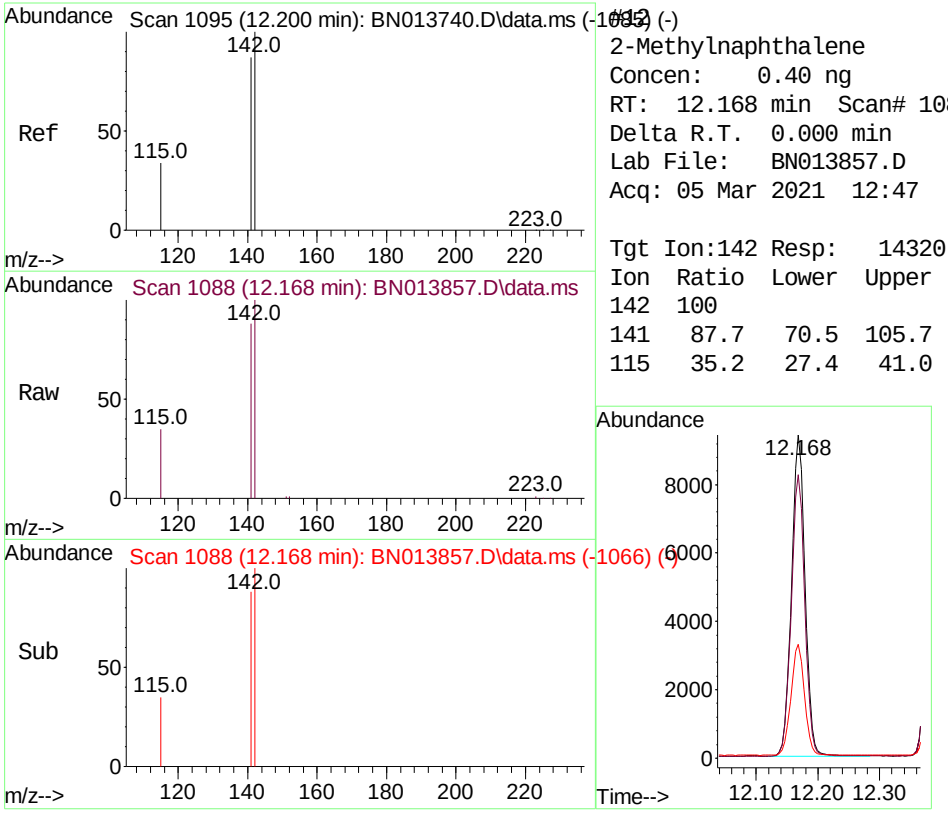


#11
2-Methylnaphthalene-d10
Concen: 0.39 ng
RT: 12.093 min Scan# 1071
Delta R.T. 0.000 min
Lab File: BN013857.D
Acq: 05 Mar 2021 12:47

Tgt Ion:152 Resp: 13239

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.2

Instrument :
BNA_N
ClientSampleId :

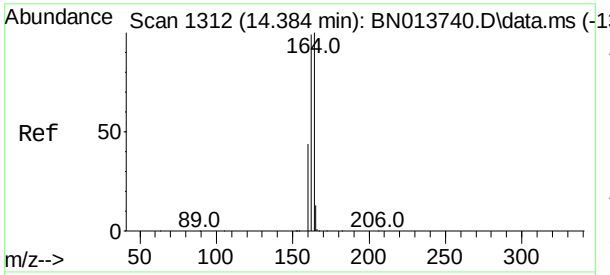


#12
2-Methylnaphthalene
Concen: 0.40 ng
RT: 12.168 min Scan# 1088
Delta R.T. 0.000 min
Lab File: BN013857.D
Acq: 05 Mar 2021 12:47

Tgt Ion:142 Resp: 14320

Ion	Ratio	Lower	Upper
142	100		
141	87.7	70.5	105.7
115	35.2	27.4	41.0

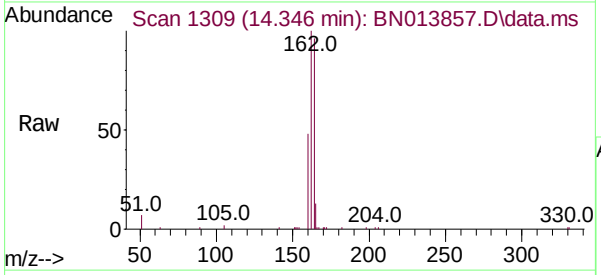
Instrument :
BNA_N
ClientSampleId :

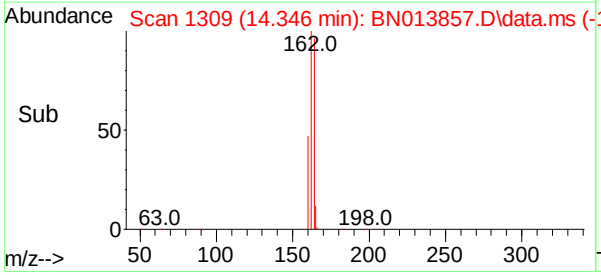


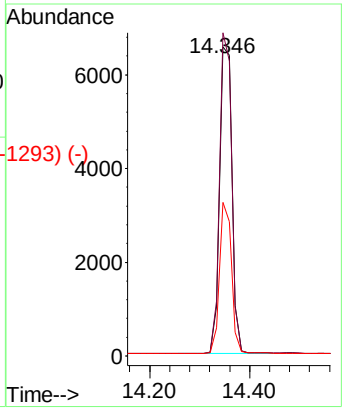
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.346 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BN013857.D
Acq: 05 Mar 2021 12:47

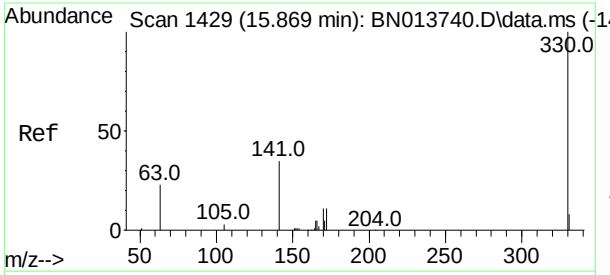
Tgt Ion:164 Resp: 11484

Ion	Ratio	Lower	Upper
164	100		
162	104.6	79.6	119.4
160	49.8	36.0	54.0





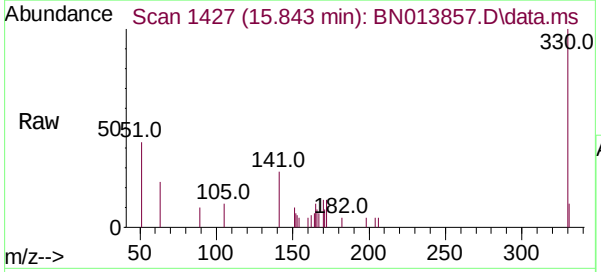


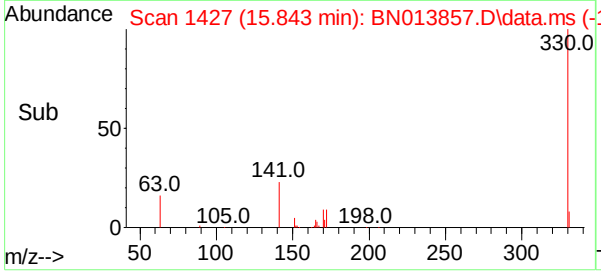


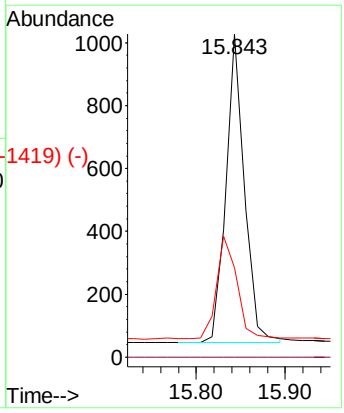
#14
2,4,6-Tribromophenol
Concen: 0.30 ng
RT: 15.843 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BN013857.D
Acq: 05 Mar 2021 12:47

Tgt Ion:330 Resp: 1416

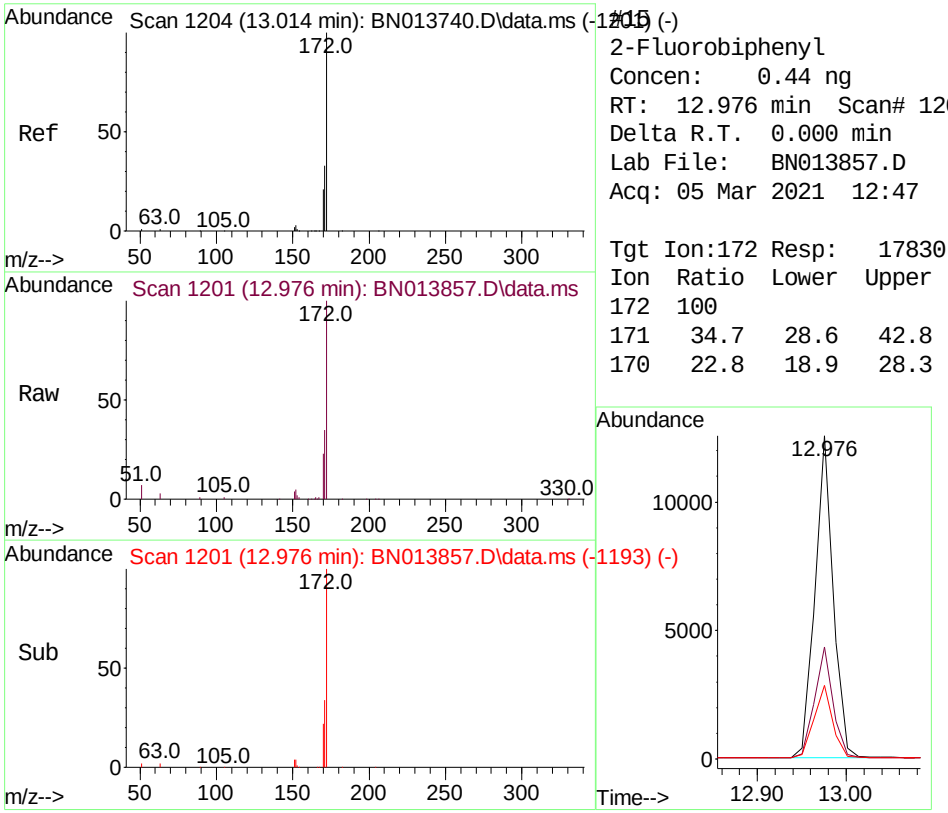
Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	36.5	26.8	40.2







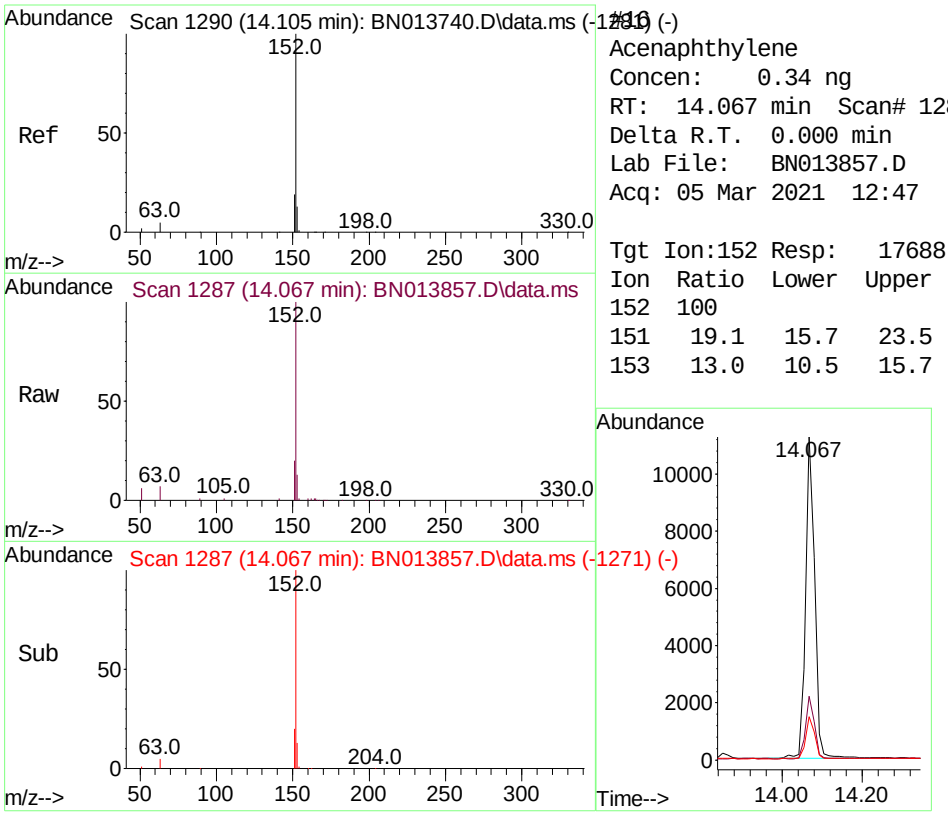
Instrument :
BNA_N
ClientSampleId :



#15
2-Fluorobiphenyl
Concen: 0.44 ng
RT: 12.976 min Scan# 1201
Delta R.T. 0.000 min
Lab File: BN013857.D
Acq: 05 Mar 2021 12:47

Tgt Ion:172 Resp: 17830

Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.6	42.8
170	22.8	18.9	28.3

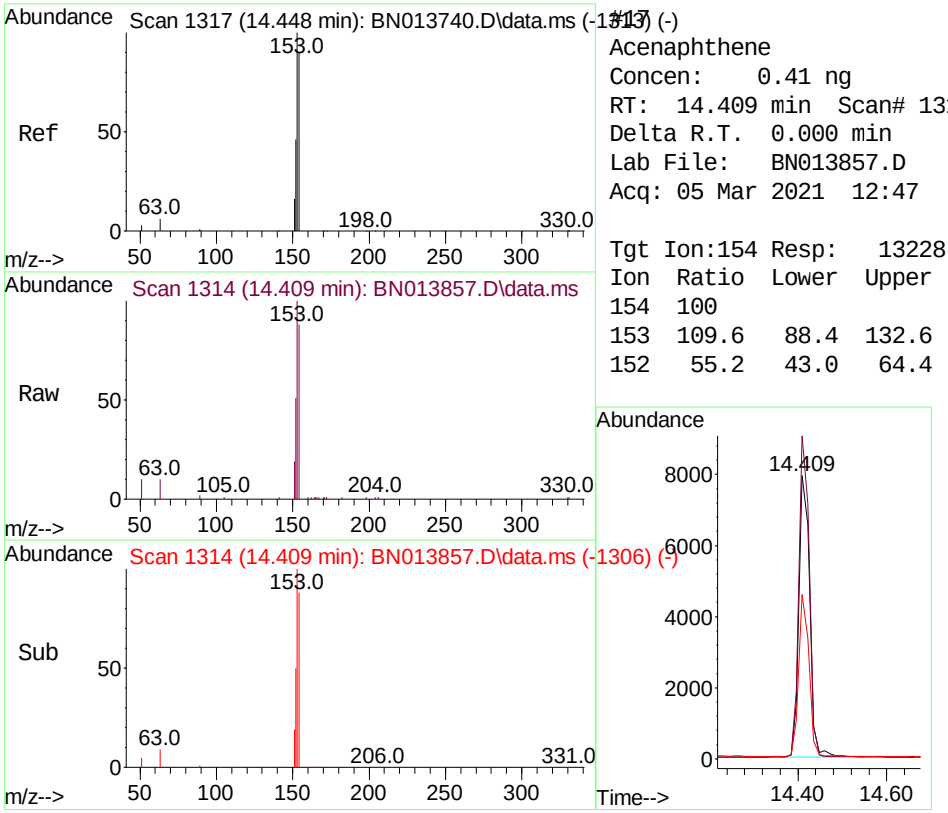


#16
Acenaphthylene
Concen: 0.34 ng
RT: 14.067 min Scan# 1287
Delta R.T. 0.000 min
Lab File: BN013857.D
Acq: 05 Mar 2021 12:47

Tgt Ion:152 Resp: 17688

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.7	23.5
153	13.0	10.5	15.7

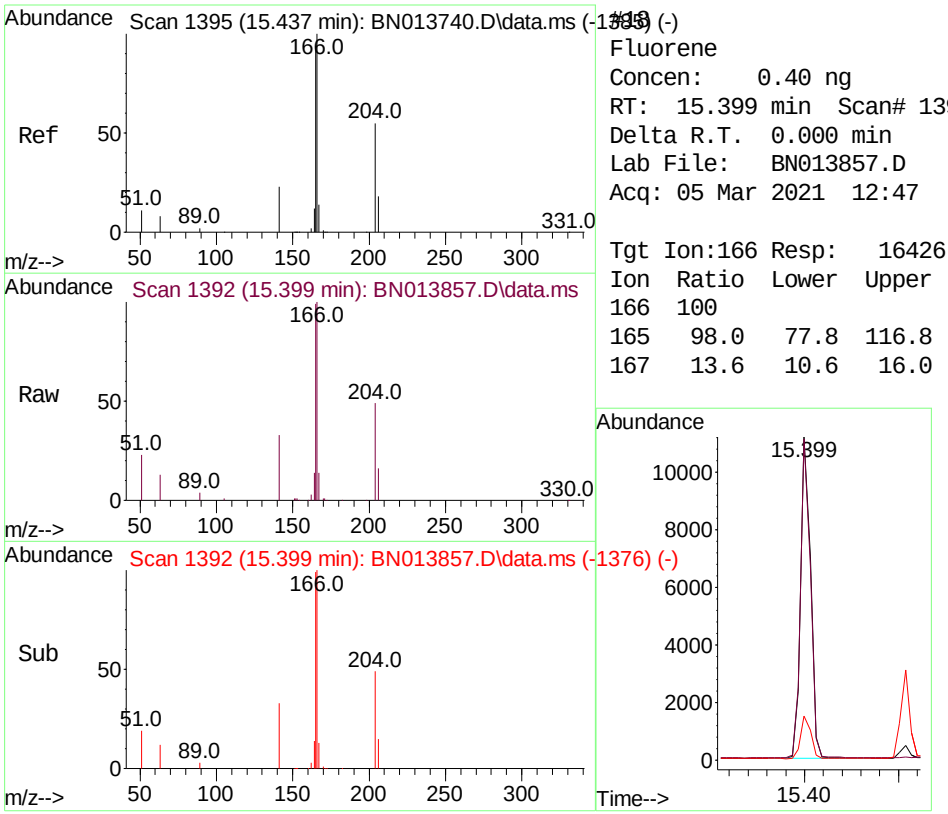
Instrument :
BNA_N
ClientSampleId :



#17
Acenaphthene
Concen: 0.41 ng
RT: 14.409 min Scan# 1314
Delta R.T. 0.000 min
Lab File: BN013857.D
Acq: 05 Mar 2021 12:47

Tgt Ion:154 Resp: 13228

Ion	Ratio	Lower	Upper
154	100		
153	109.6	88.4	132.6
152	55.2	43.0	64.4

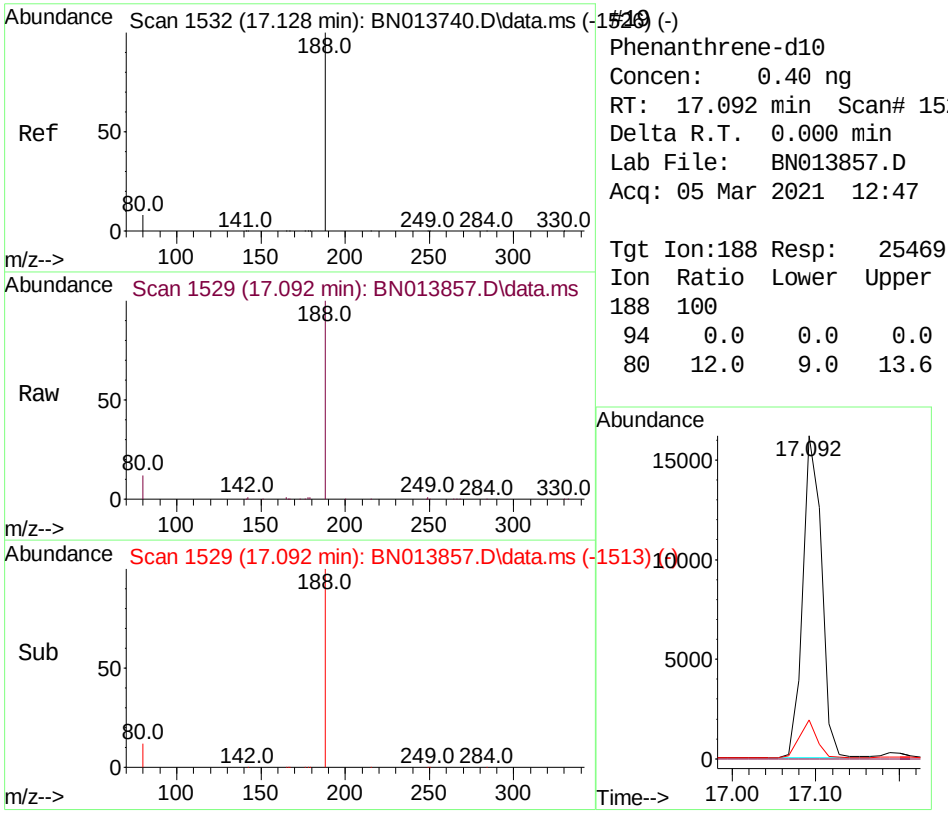


#18
Fluorene
Concen: 0.40 ng
RT: 15.399 min Scan# 1392
Delta R.T. 0.000 min
Lab File: BN013857.D
Acq: 05 Mar 2021 12:47

Tgt Ion:166 Resp: 16426

Ion	Ratio	Lower	Upper
166	100		
165	98.0	77.8	116.8
167	13.6	10.6	16.0

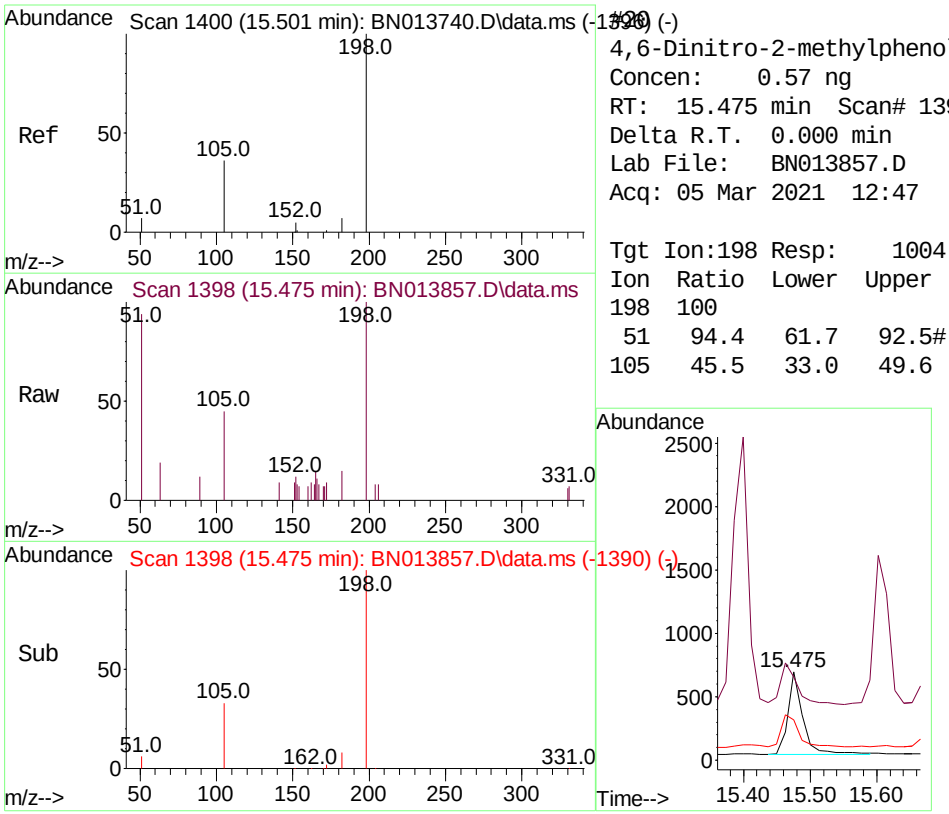
Instrument :
BNA_N
ClientSampleId :



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.092 min Scan# 1529
Delta R.T. 0.000 min
Lab File: BN013857.D
Acq: 05 Mar 2021 12:47

Tgt Ion:188 Resp: 25469

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.0	9.0	13.6

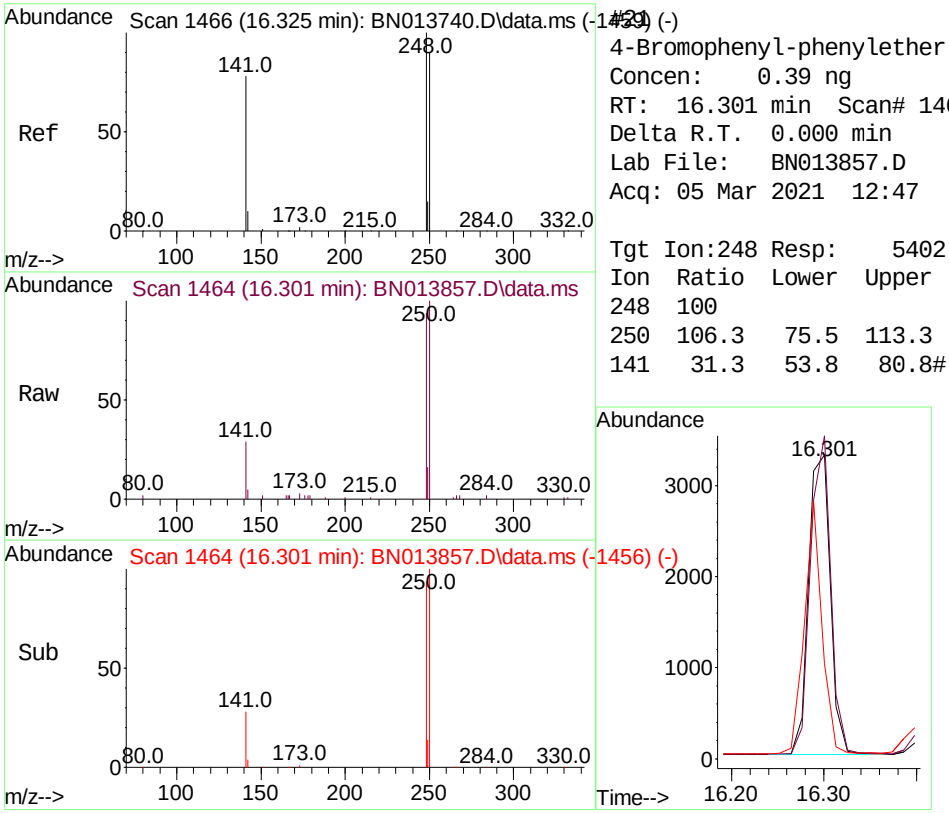


#20
4,6-Dinitro-2-methylphenol
Concen: 0.57 ng
RT: 15.475 min Scan# 1398
Delta R.T. 0.000 min
Lab File: BN013857.D
Acq: 05 Mar 2021 12:47

Tgt Ion:198 Resp: 1004

Ion	Ratio	Lower	Upper
198	100		
51	94.4	61.7	92.5#
105	45.5	33.0	49.6

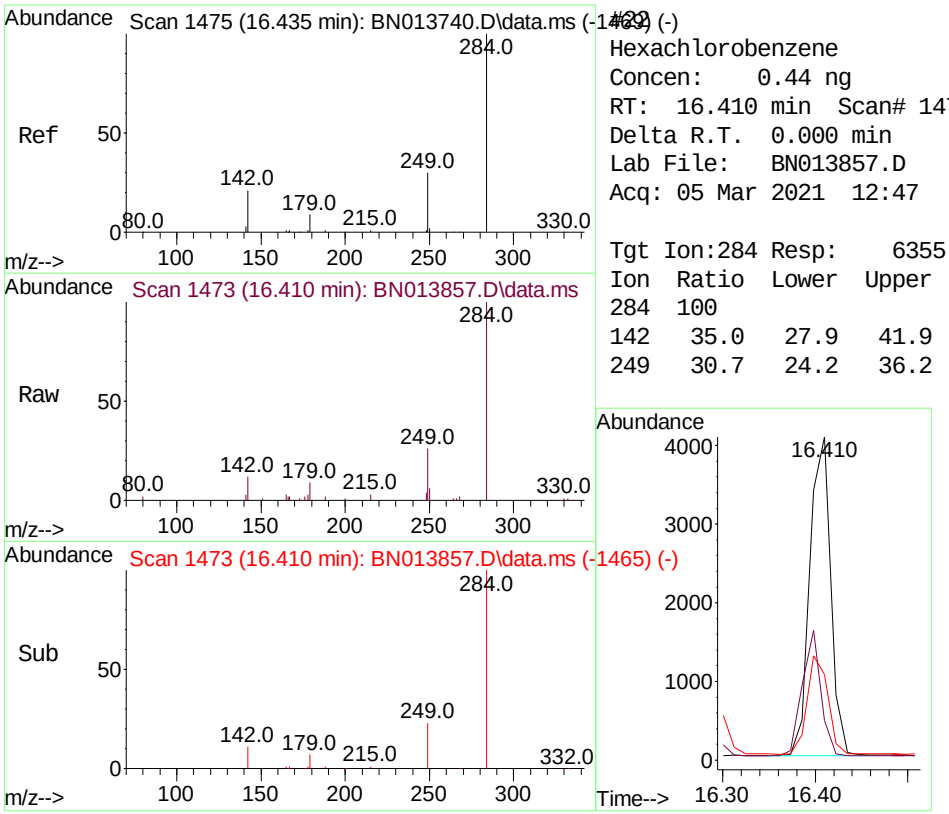
Instrument :
BNA_N
ClientSampleId :



#21
4-Bromophenyl-phenylether
Concen: 0.39 ng
RT: 16.301 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BN013857.D
Acq: 05 Mar 2021 12:47

Tgt Ion:248 Resp: 5402

Ion	Ratio	Lower	Upper
248	100		
250	106.3	75.5	113.3
141	31.3	53.8	80.8#

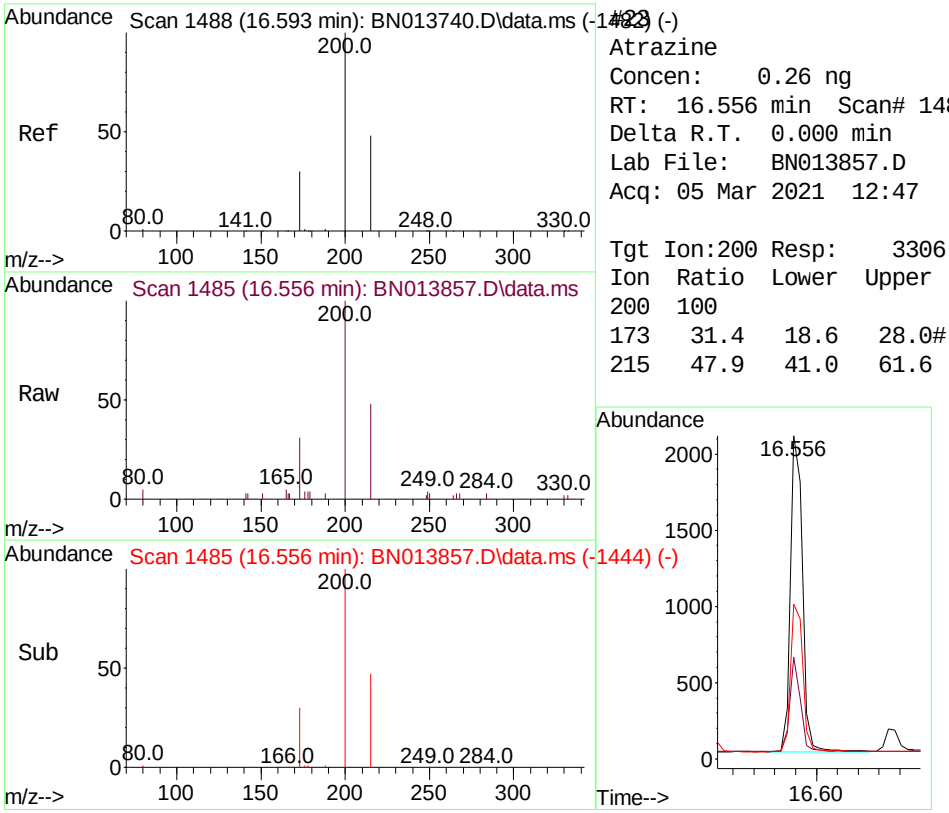


#22
Hexachlorobenzene
Concen: 0.44 ng
RT: 16.410 min Scan# 1473
Delta R.T. 0.000 min
Lab File: BN013857.D
Acq: 05 Mar 2021 12:47

Tgt Ion:284 Resp: 6355

Ion	Ratio	Lower	Upper
284	100		
142	35.0	27.9	41.9
249	30.7	24.2	36.2

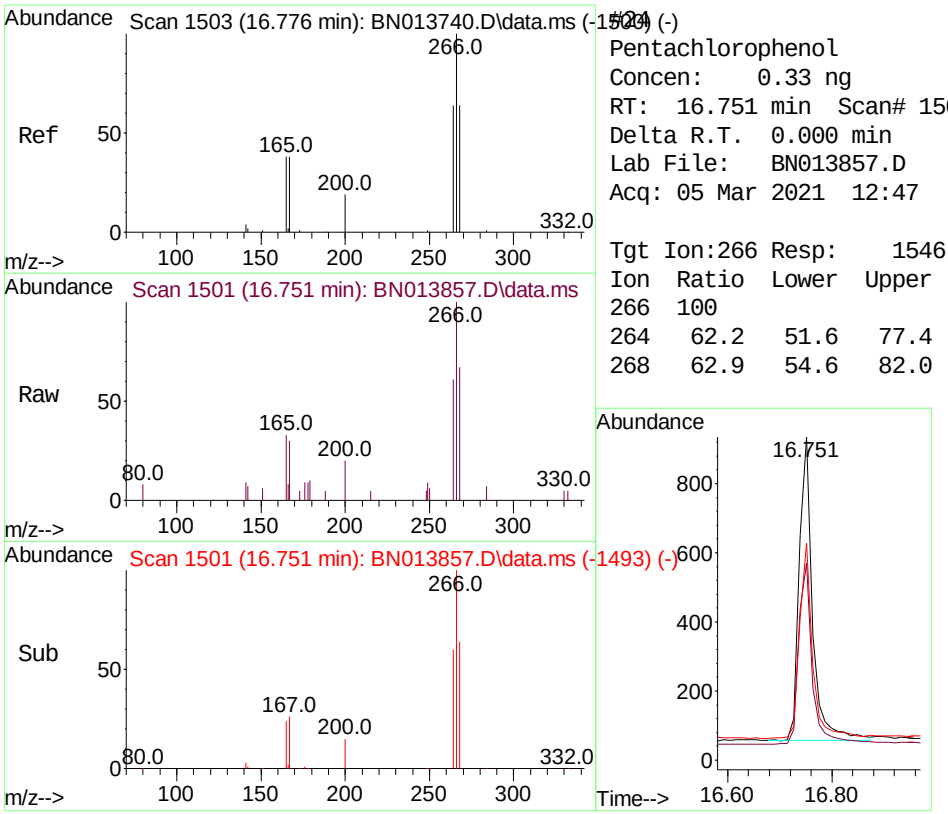
Instrument :
BNA_N
ClientSampleId :



#22
Atrazine
Concen: 0.26 ng
RT: 16.556 min Scan# 1485
Delta R.T. 0.000 min
Lab File: BN013857.D
Acq: 05 Mar 2021 12:47

Tgt Ion:200 Resp: 3306

Ion	Ratio	Lower	Upper
200	100		
173	31.4	18.6	28.0#
215	47.9	41.0	61.6

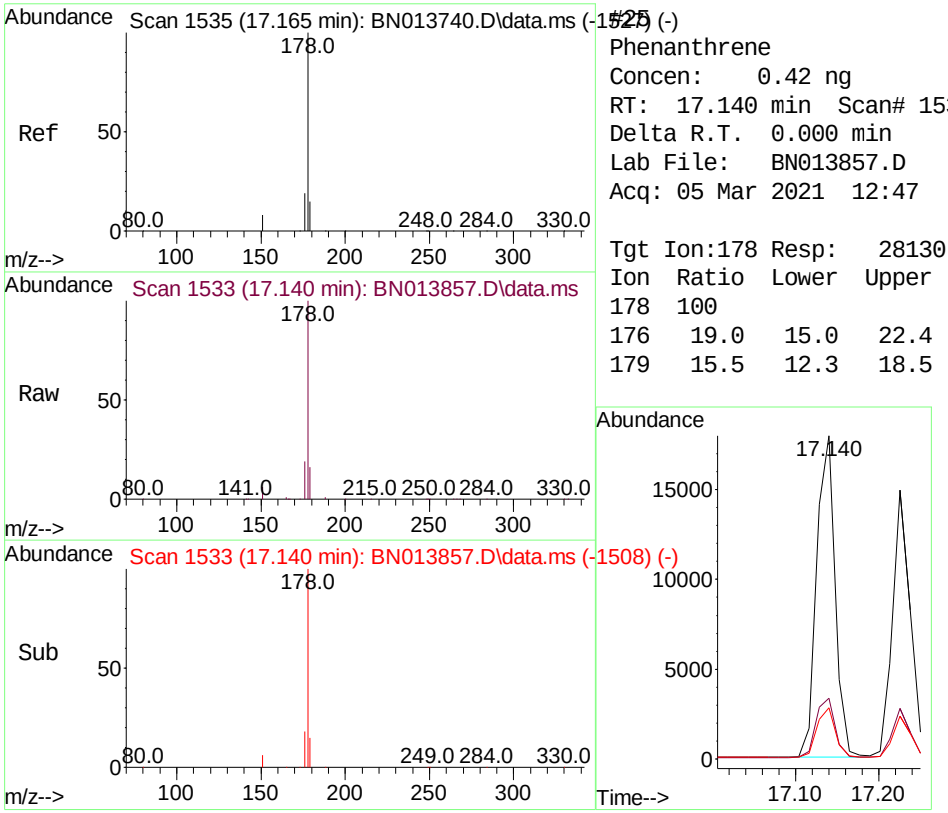


#24
Pentachlorophenol
Concen: 0.33 ng
RT: 16.751 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BN013857.D
Acq: 05 Mar 2021 12:47

Tgt Ion:266 Resp: 1546

Ion	Ratio	Lower	Upper
266	100		
264	62.2	51.6	77.4
268	62.9	54.6	82.0

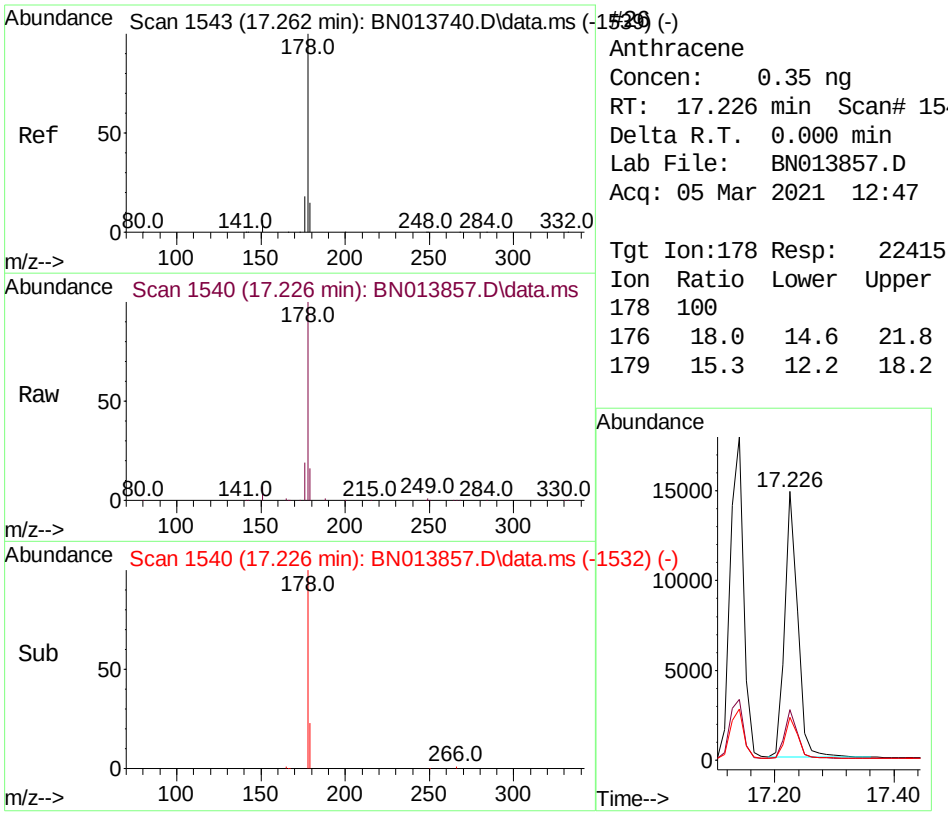
Instrument :
BNA_N
ClientSampleId :



#25
Phenanthrene
Concen: 0.42 ng
RT: 17.140 min Scan# 1533
Delta R.T. 0.000 min
Lab File: BN013857.D
Acq: 05 Mar 2021 12:47

Tgt Ion:178 Resp: 28130

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.0	22.4
179	15.5	12.3	18.5

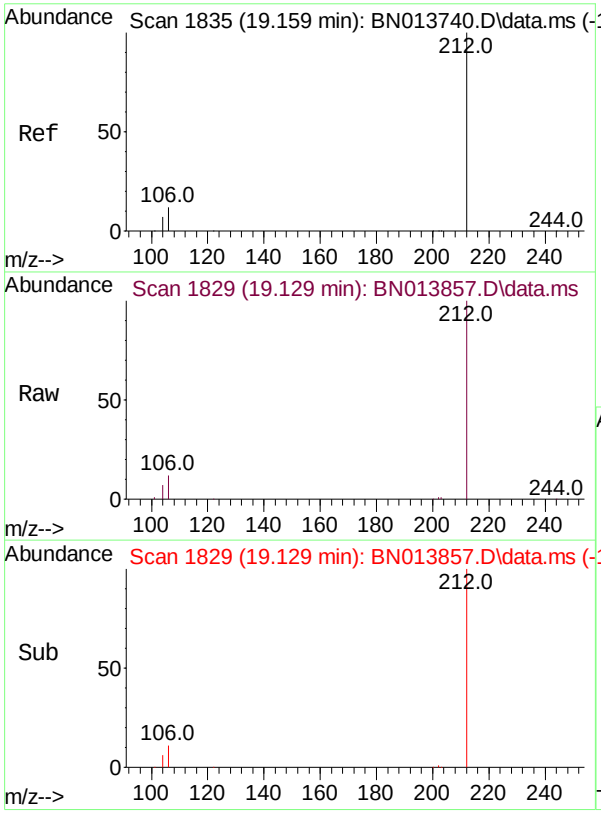


#26
Anthracene
Concen: 0.35 ng
RT: 17.226 min Scan# 1540
Delta R.T. 0.000 min
Lab File: BN013857.D
Acq: 05 Mar 2021 12:47

Tgt Ion:178 Resp: 22415

Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.6	21.8
179	15.3	12.2	18.2

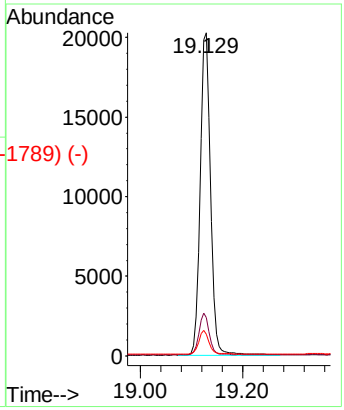
Instrument :
BNA_N
ClientSampleId :

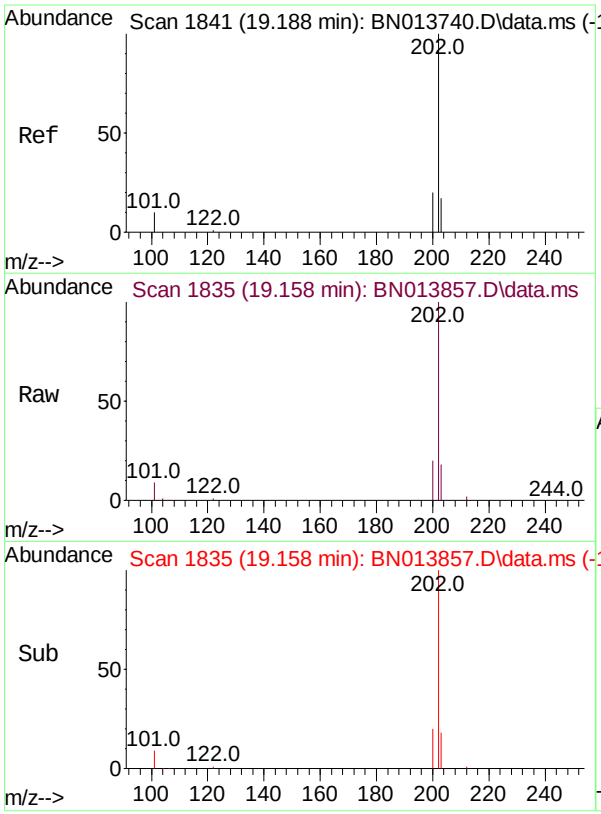


#27
Fluoranthene-d10
Concen: 0.37 ng
RT: 19.129 min Scan# 1829
Delta R.T. 0.000 min
Lab File: BN013857.D
Acq: 05 Mar 2021 12:47

Tgt Ion:212 Resp: 28052

Ion	Ratio	Lower	Upper
212	100		
106	12.6	9.7	14.5
104	7.1	5.5	8.3

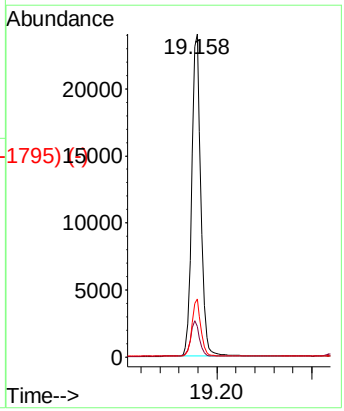




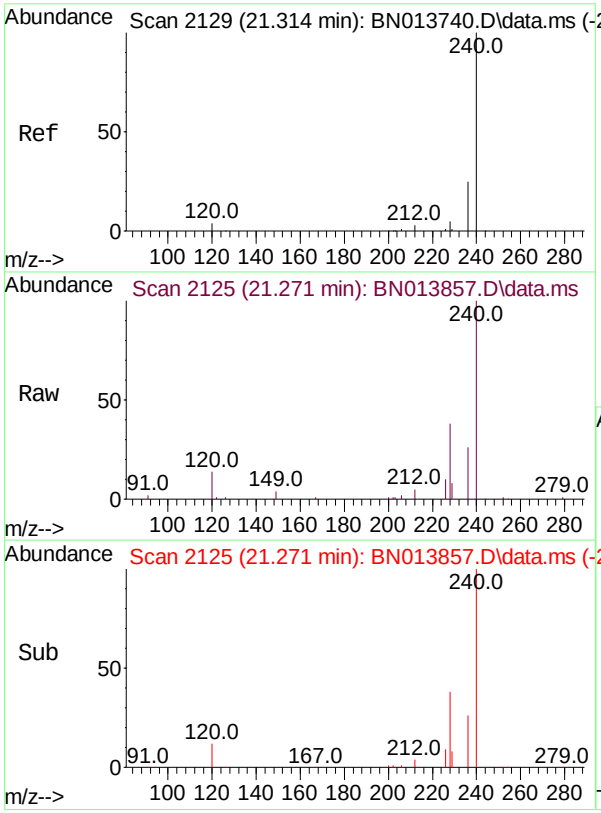
#28
Fluoranthene
Concen: 0.40 ng
RT: 19.158 min Scan# 1835
Delta R.T. 0.000 min
Lab File: BN013857.D
Acq: 05 Mar 2021 12:47

Tgt Ion:202 Resp: 31523

Ion	Ratio	Lower	Upper
202	100		
101	10.9	8.1	12.1
203	17.1	13.9	20.9



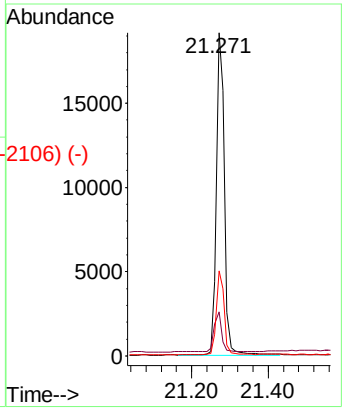
Instrument :
BNA_N
ClientSampleId :

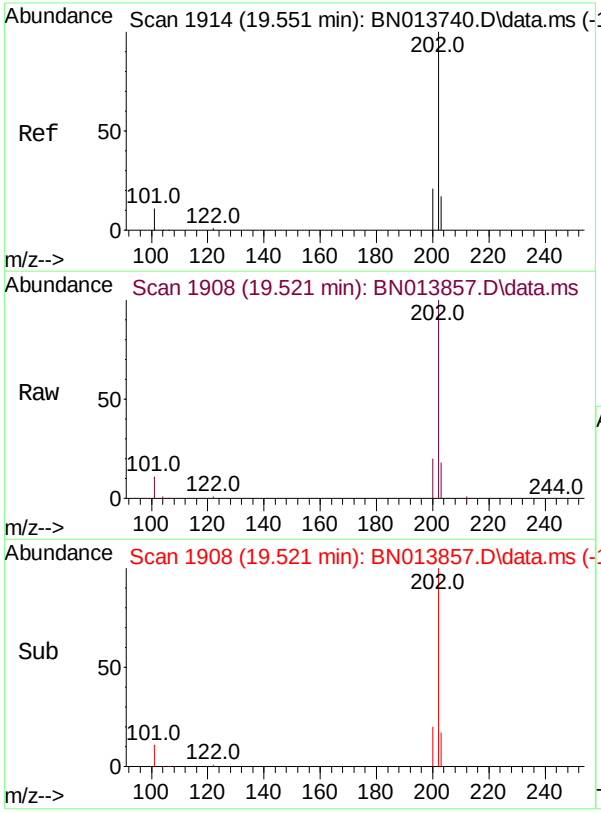


#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.271 min Scan# 2125
Delta R.T. 0.000 min
Lab File: BN013857.D
Acq: 05 Mar 2021 12:47

Tgt Ion:240 Resp: 27839

Ion	Ratio	Lower	Upper
240	100		
120	13.6	10.2	15.4
236	26.3	21.3	31.9

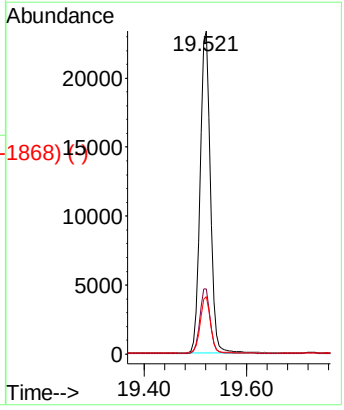




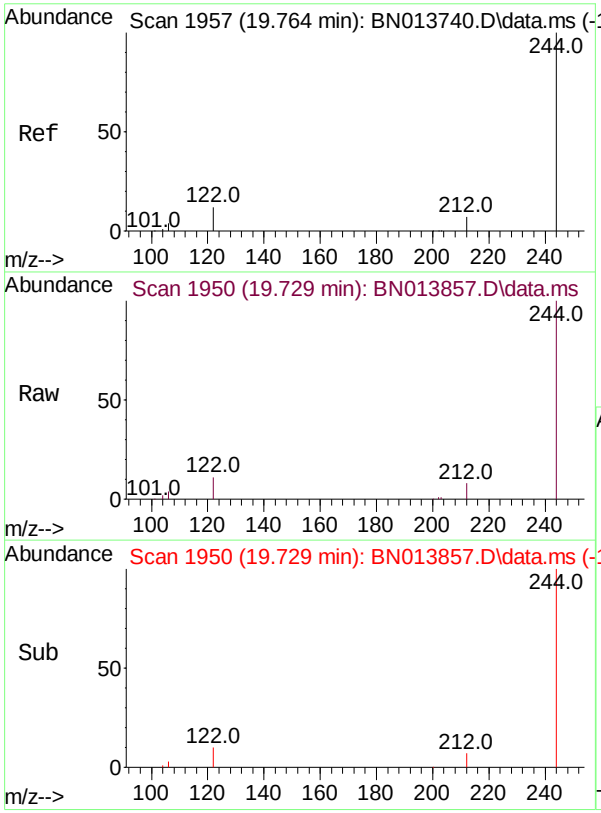
#30
Pyrene
Concen: 0.38 ng
RT: 19.521 min Scan# 1908
Delta R.T. 0.000 min
Lab File: BN013857.D
Acq: 05 Mar 2021 12:47

Tgt Ion:202 Resp: 32202

Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.3	24.5
203	17.6	14.0	21.0



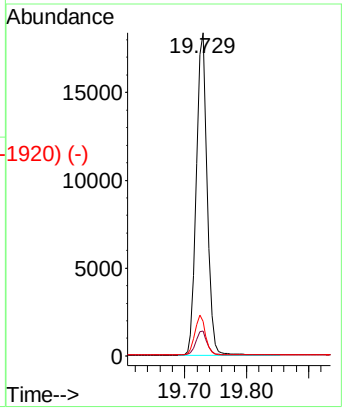
Instrument :
BNA_N
ClientSampleId :

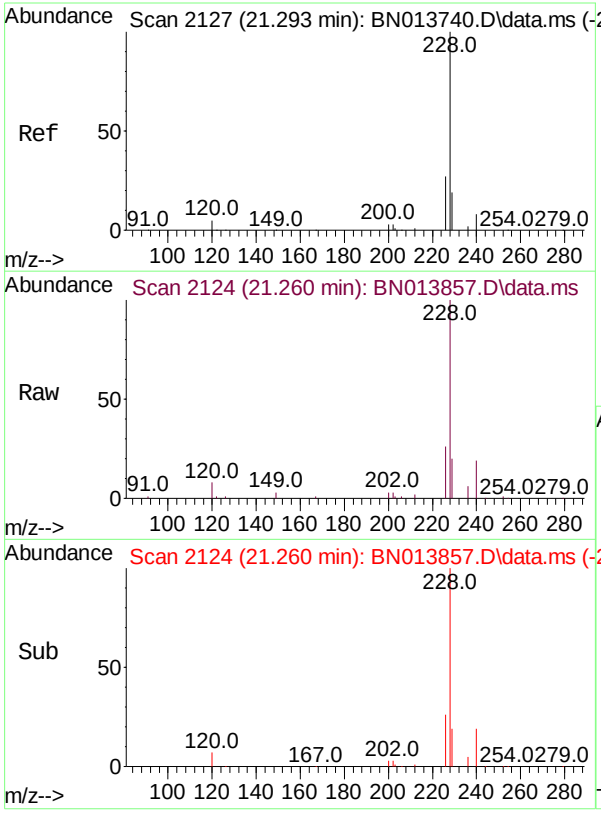


#31
Terphenyl-d14
Concen: 0.36 ng
RT: 19.729 min Scan# 1950
Delta R.T. 0.000 min
Lab File: BN013857.D
Acq: 05 Mar 2021 12:47

Tgt Ion:244 Resp: 22354

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.1	9.1
122	10.7	9.8	14.8

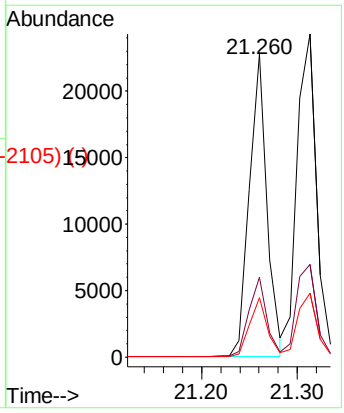




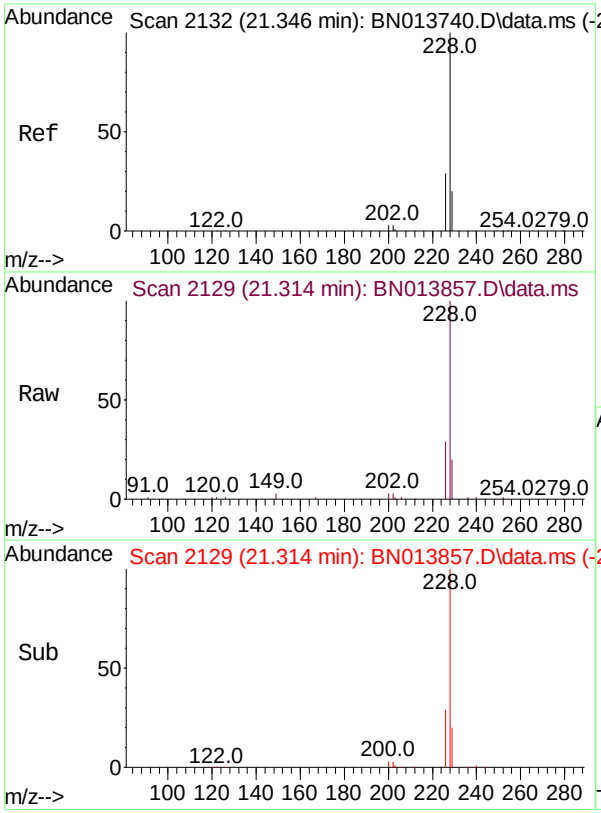
#32
Benzo(a)anthracene
Concen: 0.34 ng
RT: 21.260 min Scan# 2124
Delta R.T. 0.000 min
Lab File: BN013857.D
Acq: 05 Mar 2021 12:47

Tgt Ion:228 Resp: 28848

Ion	Ratio	Lower	Upper
228	100		
226	26.3	20.5	30.7
229	19.7	16.2	24.4



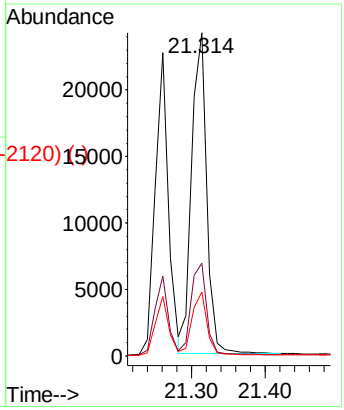
Instrument :
BNA_N
ClientSampleId :

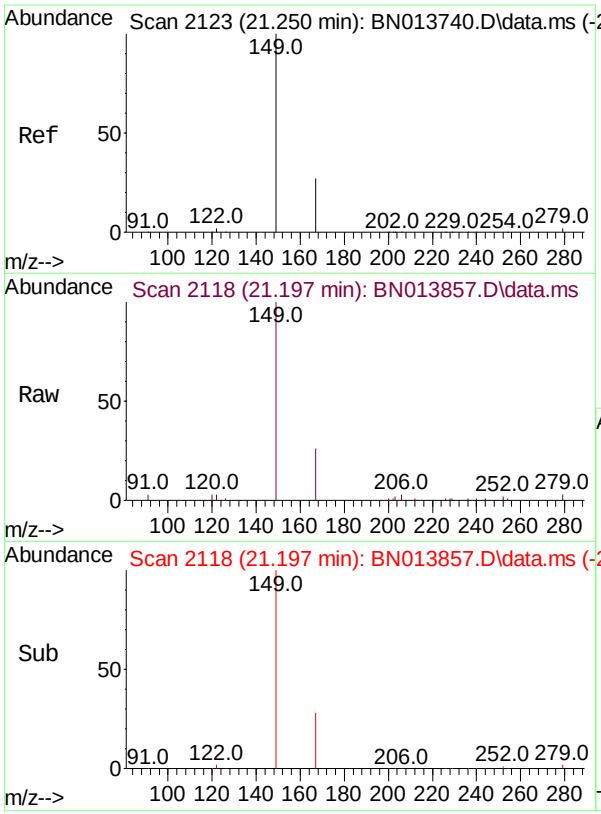


#23
Chrysene
Concen: 0.41 ng
RT: 21.314 min Scan# 2129
Delta R.T. 0.000 min
Lab File: BN013857.D
Acq: 05 Mar 2021 12:47

Tgt Ion:228 Resp: 34300

Ion	Ratio	Lower	Upper
228	100		
226	28.8	24.3	36.5
229	19.8	15.1	22.7

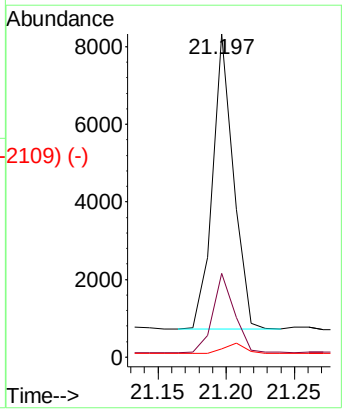




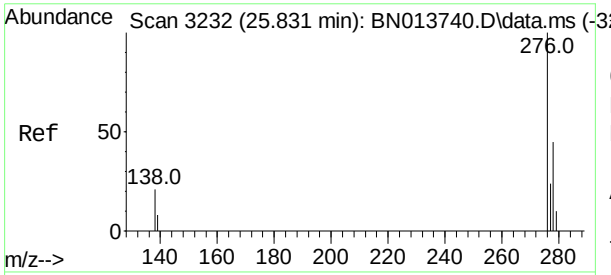
#24
Bis(2-ethylhexyl)phthalate
Concen: 0.20 ng
RT: 21.197 min Scan# 2118
Delta R.T. 0.000 min
Lab File: BN013857.D
Acq: 05 Mar 2021 12:47

Tgt Ion:149 Resp: 8129

Ion	Ratio	Lower	Upper
149	100		
167	27.6	22.1	33.1
279	4.0	3.5	5.3



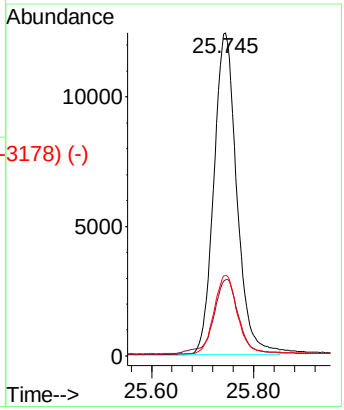
Instrument :
BNA_N
ClientSampleId :

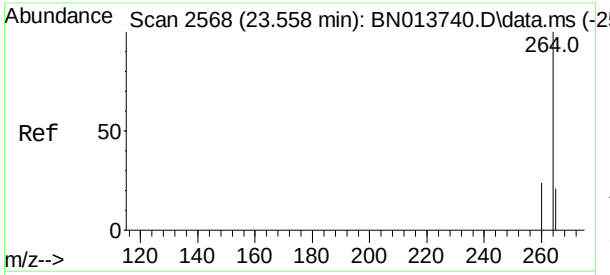


#35
Indeno(1,2,3-cd)pyrene
Concen: 0.38 ng
RT: 25.745 min Scan# 3207
Delta R.T. 0.000 min
Lab File: BN013857.D
Acq: 05 Mar 2021 12:47

Tgt Ion:276 Resp: 38670

Ion	Ratio	Lower	Upper
276	100		
138	23.9	19.8	29.6
277	24.8	19.9	29.9

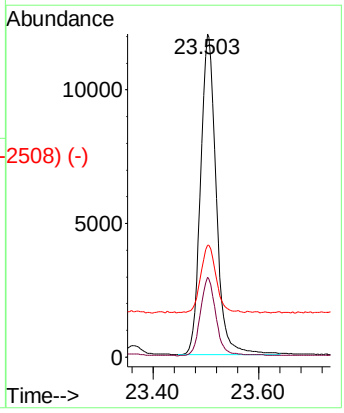




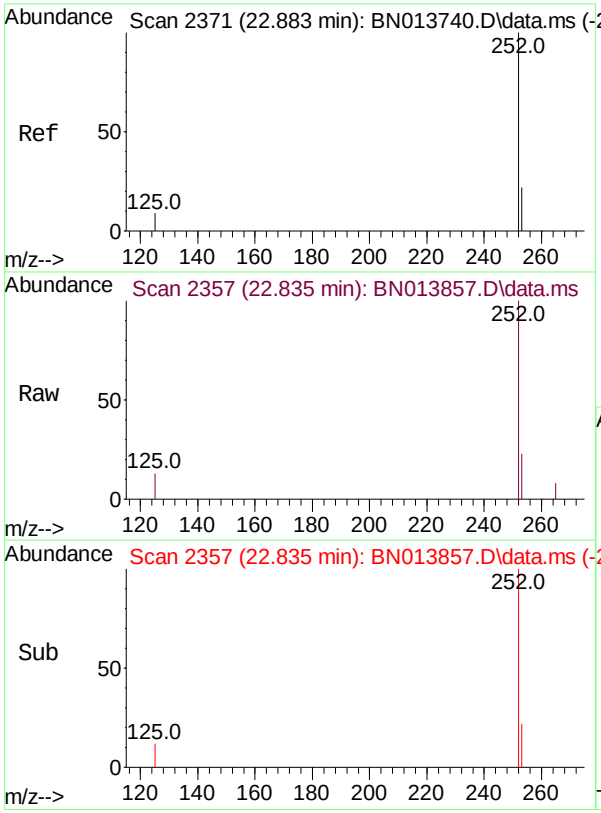
#36
Perylene-d12
Concen: 0.40 ng
RT: 23.503 min Scan# 2552
Delta R.T. 0.000 min
Lab File: BN013857.D
Acq: 05 Mar 2021 12:47

Tgt Ion:264 Resp: 24591

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.3	28.9
265	34.6	66.2	99.4#



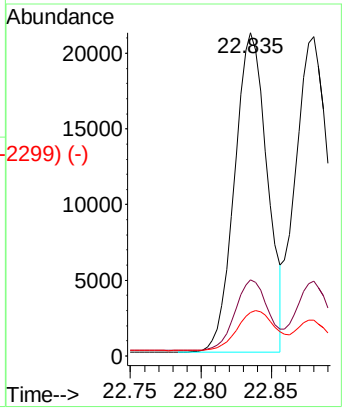
Instrument :
BNA_N
ClientSampleId :

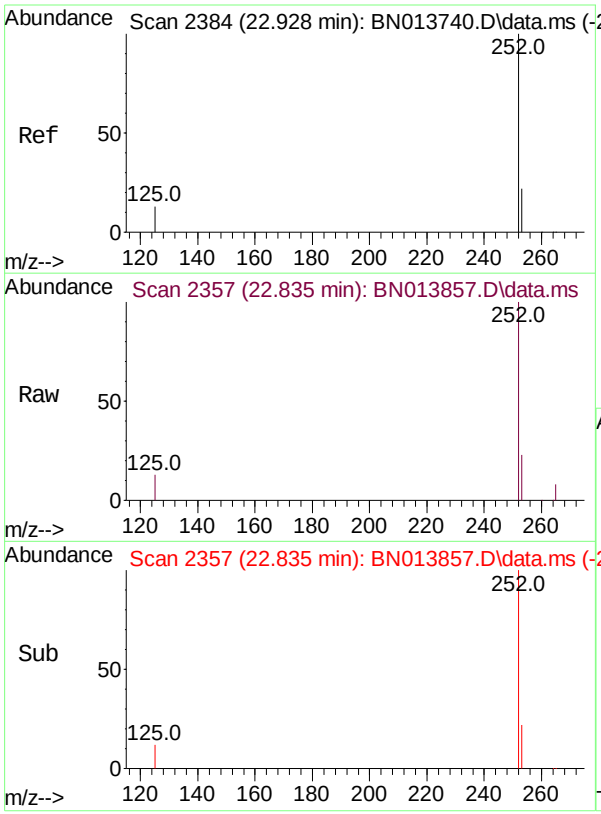


#37
Benzo(b)fluoranthene
Concen: 0.43 ng
RT: 22.835 min Scan# 2357
Delta R.T. 0.000 min
Lab File: BN013857.D
Acq: 05 Mar 2021 12:47

Tgt Ion:252 Resp: 33815

Ion	Ratio	Lower	Upper
252	100		
253	23.5	20.4	30.6
125	13.5	11.6	17.4

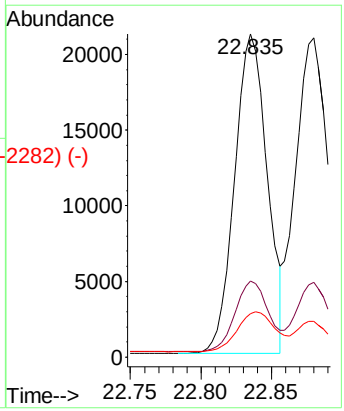




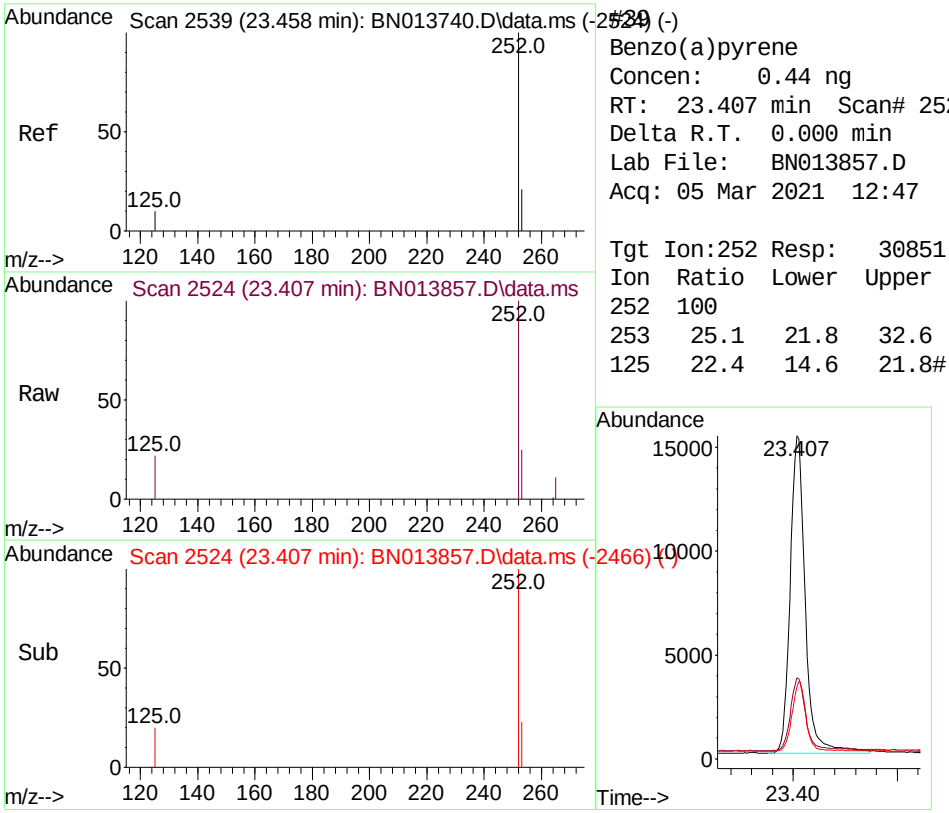
#38
Benzo(k)fluoranthene
Concen: 0.45 ng
RT: 22.835 min Scan# 2357
Delta R.T. -0.045 min
Lab File: BN013857.D
Acq: 05 Mar 2021 12:47

Tgt Ion:252 Resp: 33815

Ion	Ratio	Lower	Upper
252	100		
253	23.5	20.5	30.7
125	13.5	12.3	18.5



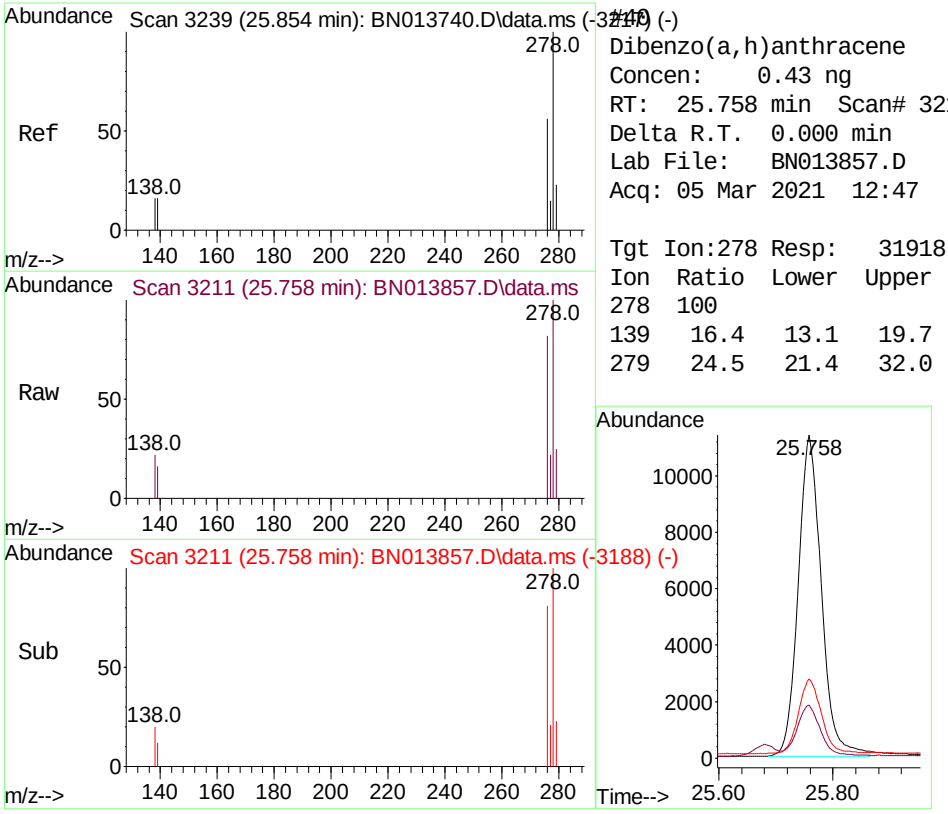
Instrument :
BNA_N
ClientSampleId :



#20
Benzo(a)pyrene
Concen: 0.44 ng
RT: 23.407 min Scan# 2524
Delta R.T. 0.000 min
Lab File: BN013857.D
Acq: 05 Mar 2021 12:47

Tgt Ion:252 Resp: 30851

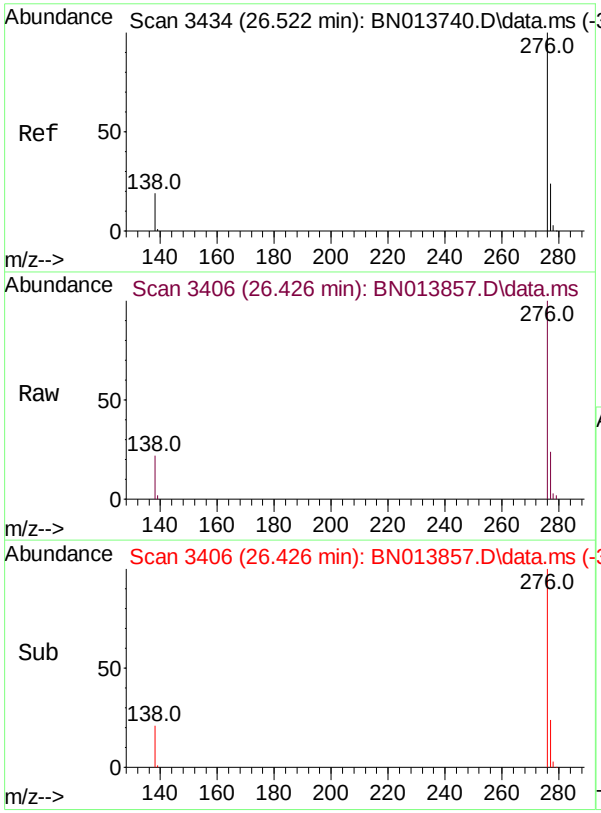
Ion	Ratio	Lower	Upper
252	100		
253	25.1	21.8	32.6
125	22.4	14.6	21.8#



#40
Dibenzo(a,h)anthracene
Concen: 0.43 ng
RT: 25.758 min Scan# 3211
Delta R.T. 0.000 min
Lab File: BN013857.D
Acq: 05 Mar 2021 12:47

Tgt Ion:278 Resp: 31918

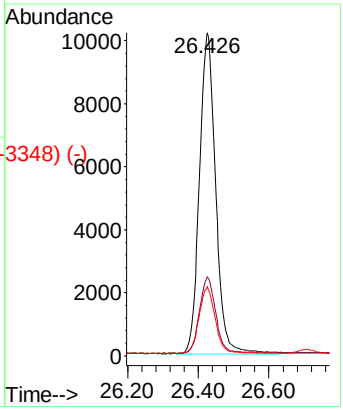
Ion	Ratio	Lower	Upper
278	100		
139	16.4	13.1	19.7
279	24.5	21.4	32.0



#47
Benzo(g,h,i)perylene
Concen: 0.43 ng
RT: 26.426 min Scan# 3406
Delta R.T. 0.000 min
Lab File: BN013857.D
Acq: 05 Mar 2021 12:47

Tgt Ion:276 Resp: 32510

Ion	Ratio	Lower	Upper
276	100		
277	24.5	20.0	30.0
138	21.6	17.8	26.8



Instrument :
BNA_N
ClientSampleId :