Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041921\
Data File : BN014322.D
Acq On : 19 Apr 2021 09:23
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Apr 19 10:43:26 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN041621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 19 10:42:58 2021
Response via : Initial Calibration

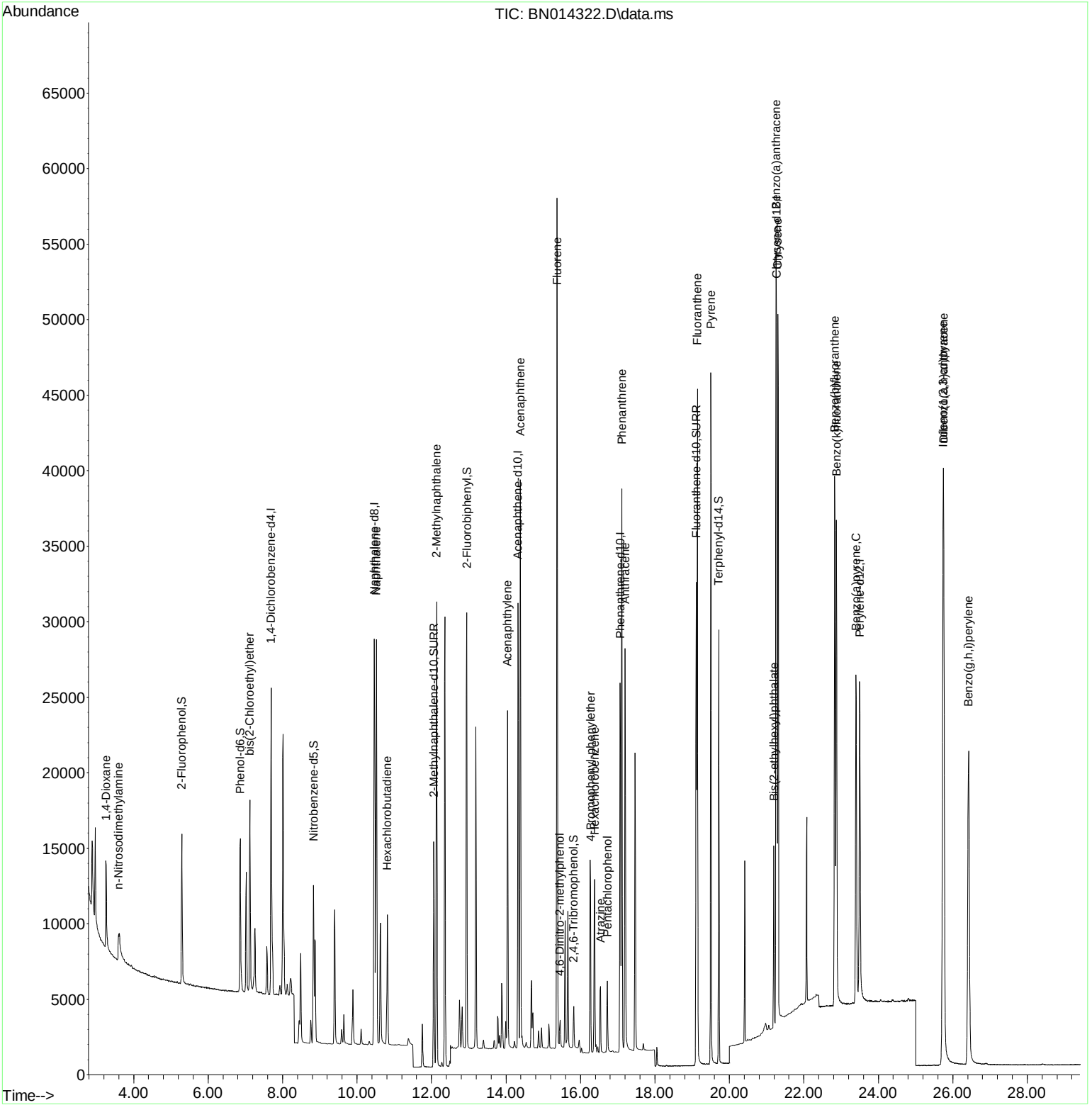
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.692	152	9596	0.40	ng		0.00
7) Naphthalene-d8	10.467	136	34755	0.40	ng	#	0.00
13) Acenaphthene-d10	14.321	164	17816	0.40	ng		0.00
19) Phenanthrene-d10	17.067	188	35892	0.40	ng		0.00
29) Chrysene-d12	21.268	240	33862	0.40	ng	#	0.00
36) Perylene-d12	23.500	264	29803	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.292	112	8301	0.39	ng		0.00
5) Phenol-d6	6.863	99	10038	0.38	ng		0.00
8) Nitrobenzene-d5	8.832	82	8802	0.41	ng		0.00
11) 2-Methylnaphthalene-d10	12.062	152	20485	0.38	ng		0.00
14) 2,4,6-Tribromophenol	15.818	330	2177	0.34	ng		0.00
15) 2-Fluorobiphenyl	12.950	172	27005	0.39	ng		0.00
27) Fluoranthene-d10	19.111	212	37208	0.38	ng		0.00
31) Terphenyl-d14	19.717	244	29490	0.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.263	88	4775	0.39	ng		91
3) n-Nitrosodimethylamine	3.601	42	2519	0.37	ng	#	91
6) bis(2-Chloroethyl)ether	7.120	93	9844	0.41	ng		99
9) Naphthalene	10.517	128	34144	0.39	ng		100
10) Hexachlorobutadiene	10.809	225	6886	0.40	ng	#	99
12) 2-Methylnaphthalene	12.137	142	21999	0.39	ng		99
16) Acenaphthylene	14.042	152	24699	0.36	ng		99
17) Acenaphthene	14.384	154	19168	0.38	ng		99
18) Fluorene	15.374	166	22916	0.37	ng		100
20) 4,6-Dinitro-2-methylph...	15.450	198	1388	0.37	ng	#	71
21) 4-Bromophenyl-phenylether	16.276	248	7111	0.37	ng		97
22) Hexachlorobenzene	16.385	284	9541	0.39	ng		99
23) Atrazine	16.544	200	4095	0.35	ng		97
24) Pentachlorophenol	16.726	266	2326	0.35	ng		99
25) Phenanthrene	17.116	178	38673	0.38	ng		100
26) Anthracene	17.201	178	29552	0.37	ng		100
28) Fluoranthene	19.141	202	41293	0.37	ng		100
30) Pyrene	19.503	202	41035	0.43	ng		100
32) Benzo(a)anthracene	21.258	228	35092	0.39	ng		99
33) Chrysene	21.300	228	43291	0.40	ng		98
34) Bis(2-ethylhexyl)phtha...	21.194	149	10256	0.40	ng		99
35) Indeno(1,2,3-cd)pyrene	25.742	276	47851	0.36	ng		99
37) Benzo(b)fluoranthene	22.829	252	44510	0.34	ng		99
38) Benzo(k)fluoranthene	22.874	252	42857	0.34	ng		100
39) Benzo(a)pyrene	23.401	252	34226	0.36	ng		98
40) Dibenzo(a,h)anthracene	25.752	278	40012	0.35	ng		99
41) Benzo(g,h,i)perylene	26.427	276	44500	0.37	ng		100

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

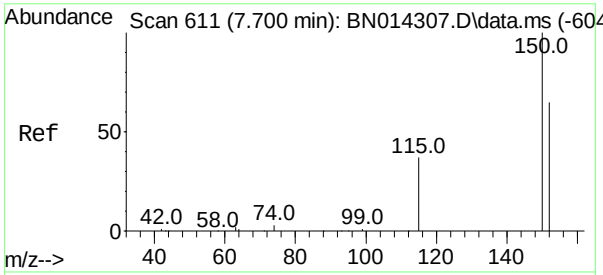
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041921\
Data File : BN014322.D
Acq On : 19 Apr 2021 09:23
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Apr 19 10:43:26 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN041621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 19 10:42:58 2021
Response via : Initial Calibration



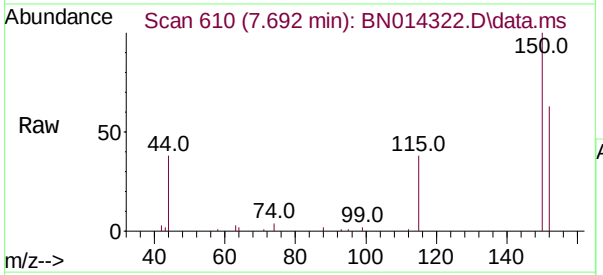
Instrument :
BNA_N
ClientSampleId :

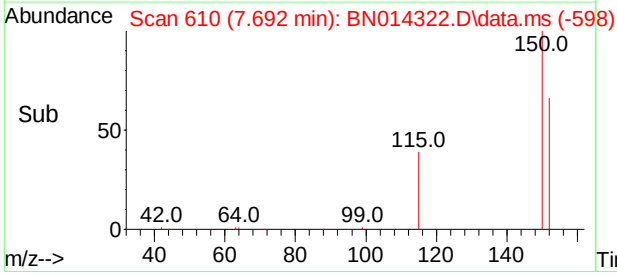


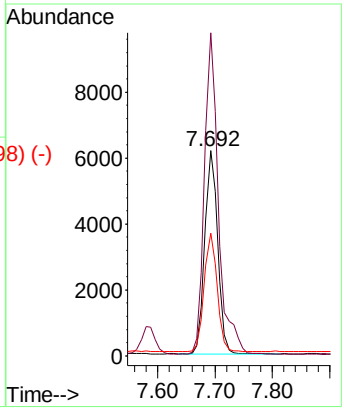
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.692 min Scan# 610
Delta R.T. 0.000 min
Lab File: BN014322.D
Acq: 19 Apr 2021 09:23

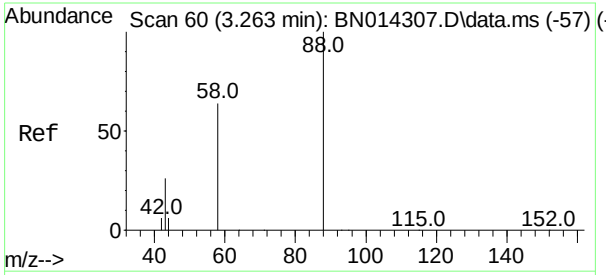
Tgt Ion:152 Resp: 9596

Ion	Ratio	Lower	Upper
152	100		
150	157.5	123.0	184.4
115	59.9	47.6	71.4





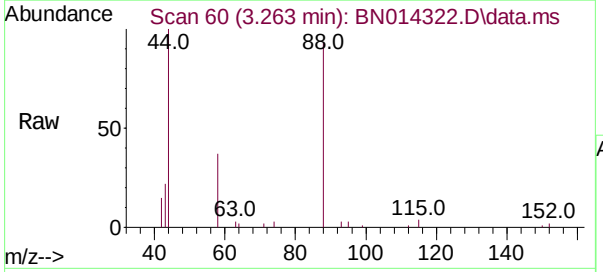


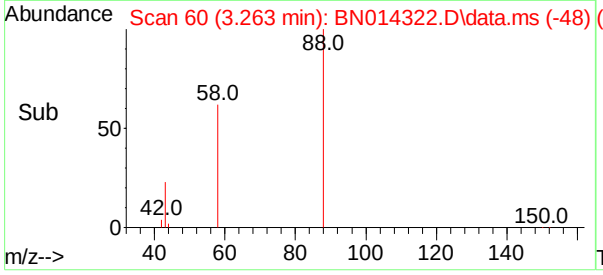


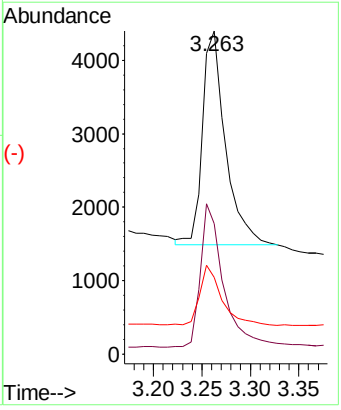
#2
1,4-Dioxane
Concen: 0.39 ng
RT: 3.263 min Scan# 60
Delta R.T. 0.000 min
Lab File: BN014322.D
Acq: 19 Apr 2021 09:23

Tgt Ion: 88 Resp: 4775

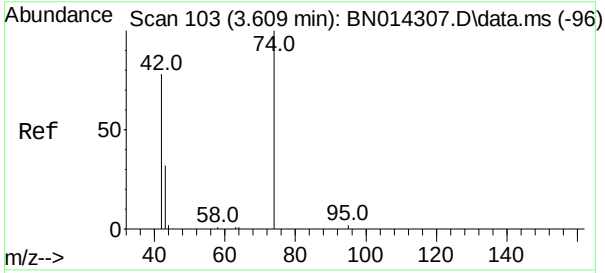
Ion	Ratio	Lower	Upper
88	100		
58	67.9	47.3	70.9
43	27.1	20.6	31.0







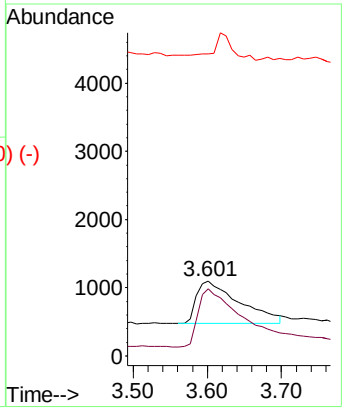
Instrument :
BNA_N
ClientSampleId :

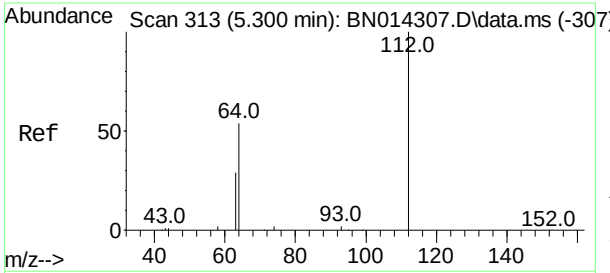


#3
n-Nitrosodimethylamine
Concen: 0.37 ng
RT: 3.601 min Scan# 102
Delta R.T. 0.000 min
Lab File: BN014322.D
Acq: 19 Apr 2021 09:23

Tgt Ion: 42 Resp: 2519

Ion	Ratio	Lower	Upper
42	100		
74	140.2	104.6	157.0
44	20.2	2.4	3.6#

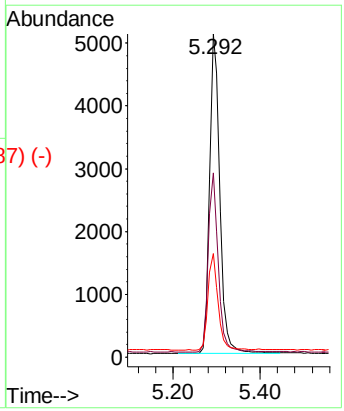




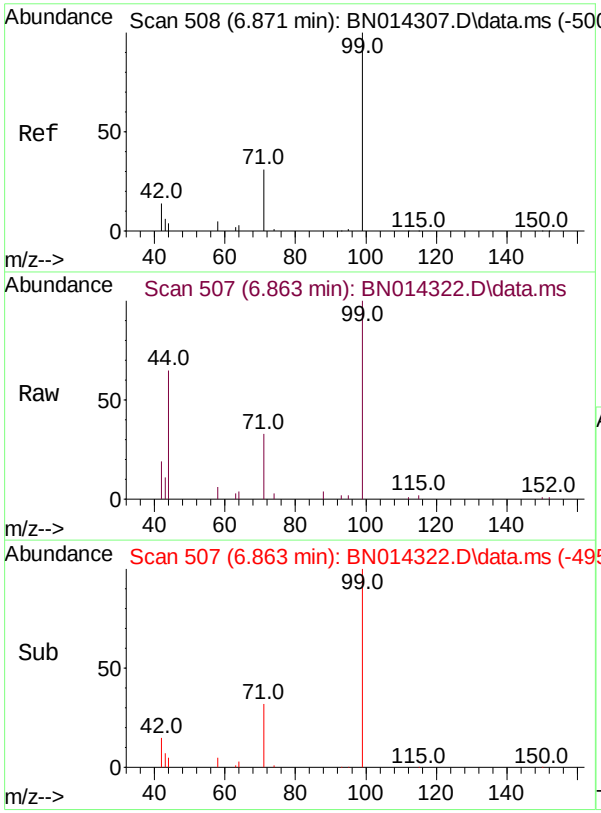
2-Fluorophenol
Concen: 0.39 ng
RT: 5.292 min Scan# 312
Delta R.T. 0.000 min
Lab File: BN014322.D
Acq: 19 Apr 2021 09:23

Tgt Ion:112 Resp: 8301

Ion	Ratio	Lower	Upper
112	100		
64	55.1	43.7	65.5
63	30.5	23.8	35.8



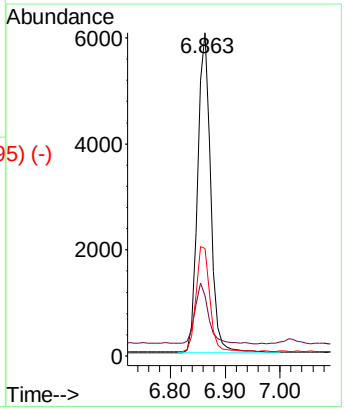
Instrument :
BNA_N
ClientSampleId :

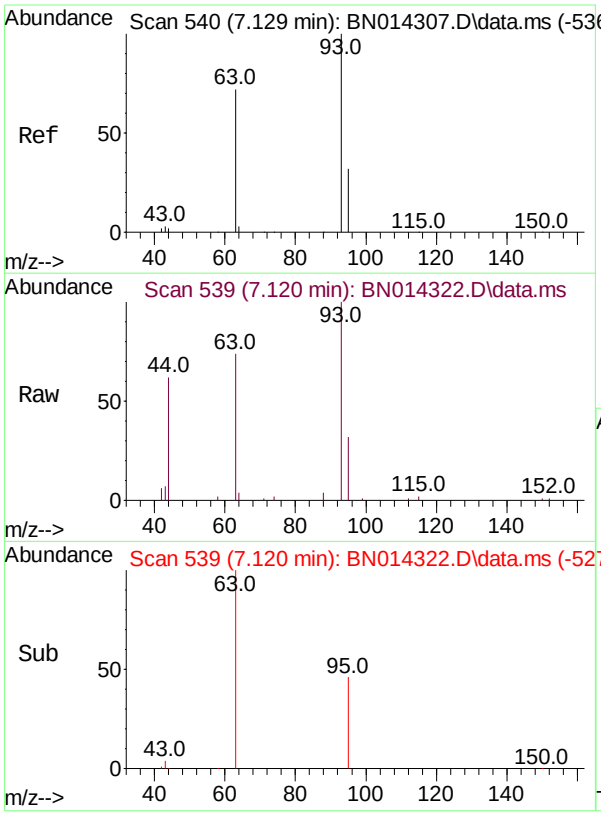


#5
Phenol-d6
Concen: 0.38 ng
RT: 6.863 min Scan# 507
Delta R.T. 0.000 min
Lab File: BN014322.D
Acq: 19 Apr 2021 09:23

Tgt Ion: 99 Resp: 10038

Ion	Ratio	Lower	Upper
99	100		
42	19.2	15.7	23.5
71	34.6	27.6	41.4

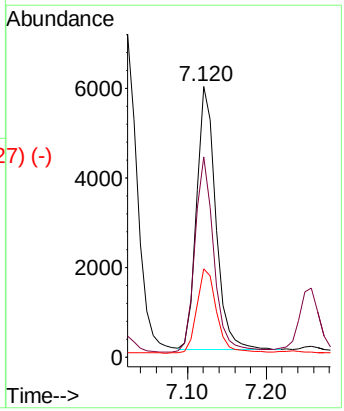




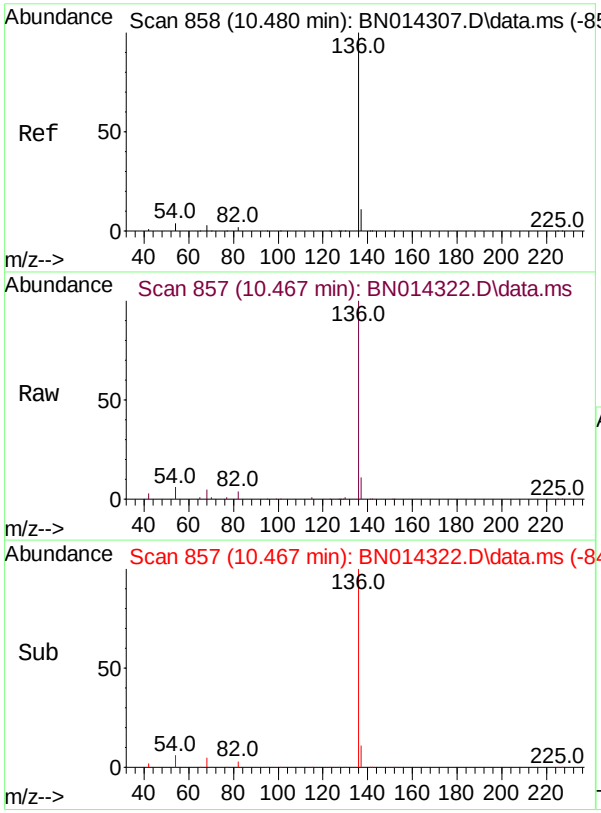
#6
bis(2-Chloroethyl)ether
Concen: 0.41 ng
RT: 7.120 min Scan# 539
Delta R.T. 0.000 min
Lab File: BN014322.D
Acq: 19 Apr 2021 09:23

Tgt Ion: 93 Resp: 9844

Ion	Ratio	Lower	Upper
93	100		
63	73.8	58.2	87.4
95	33.6	26.7	40.1



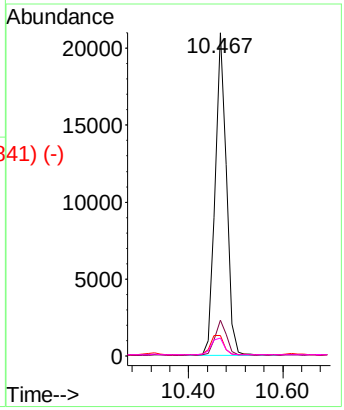
Instrument :
BNA_N
ClientSampleId :

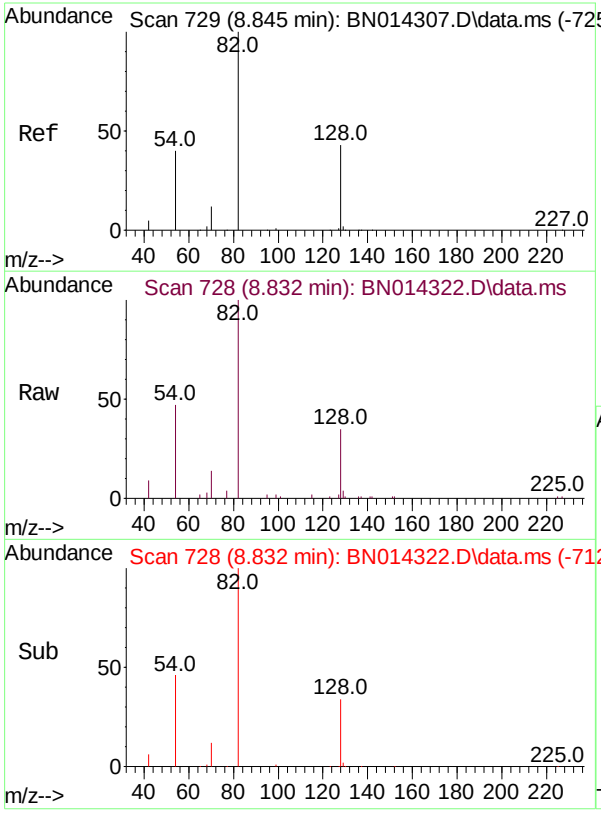


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.467 min Scan# 857
Delta R.T. 0.000 min
Lab File: BN014322.D
Acq: 19 Apr 2021 09:23

Tgt Ion:136 Resp: 34755

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.6
54	6.3	3.5	5.3#
68	5.5	3.4	5.2#

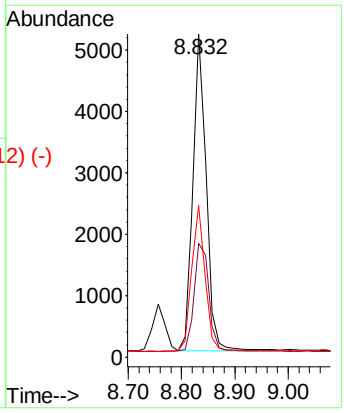




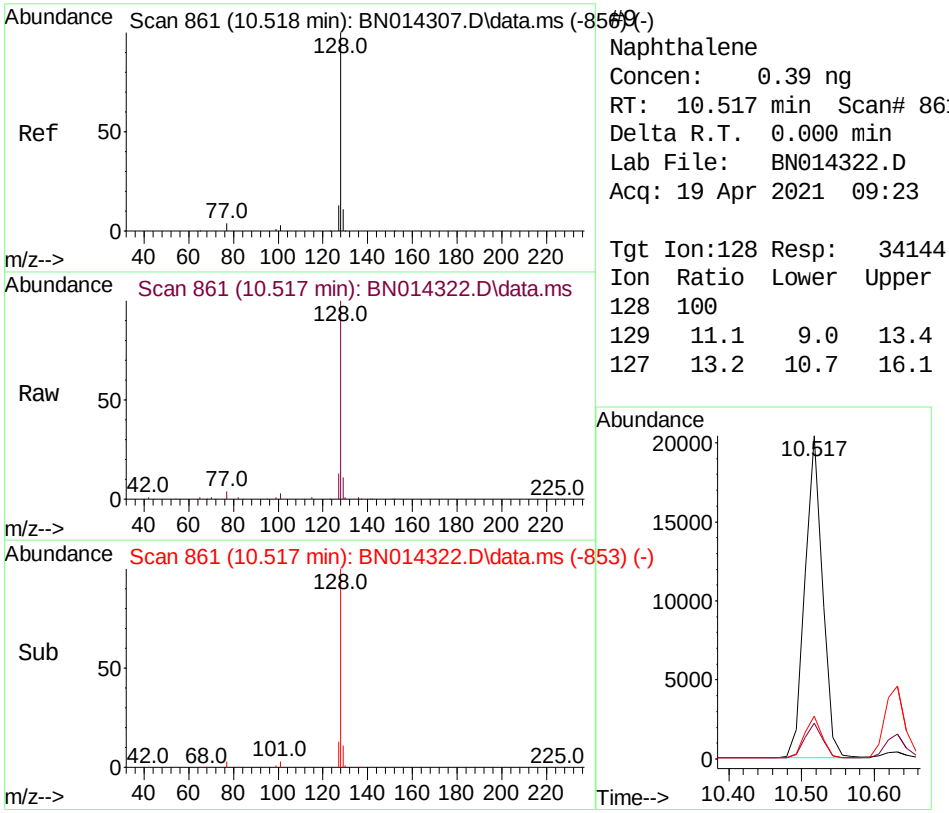
#8
Nitrobenzene-d5
Concen: 0.41 ng
RT: 8.832 min Scan# 728
Delta R.T. 0.000 min
Lab File: BN014322.D
Acq: 19 Apr 2021 09:23

Tgt Ion: 82 Resp: 8802

Ion	Ratio	Lower	Upper
82	100		
128	35.3	35.3	52.9
54	46.8	33.4	50.2



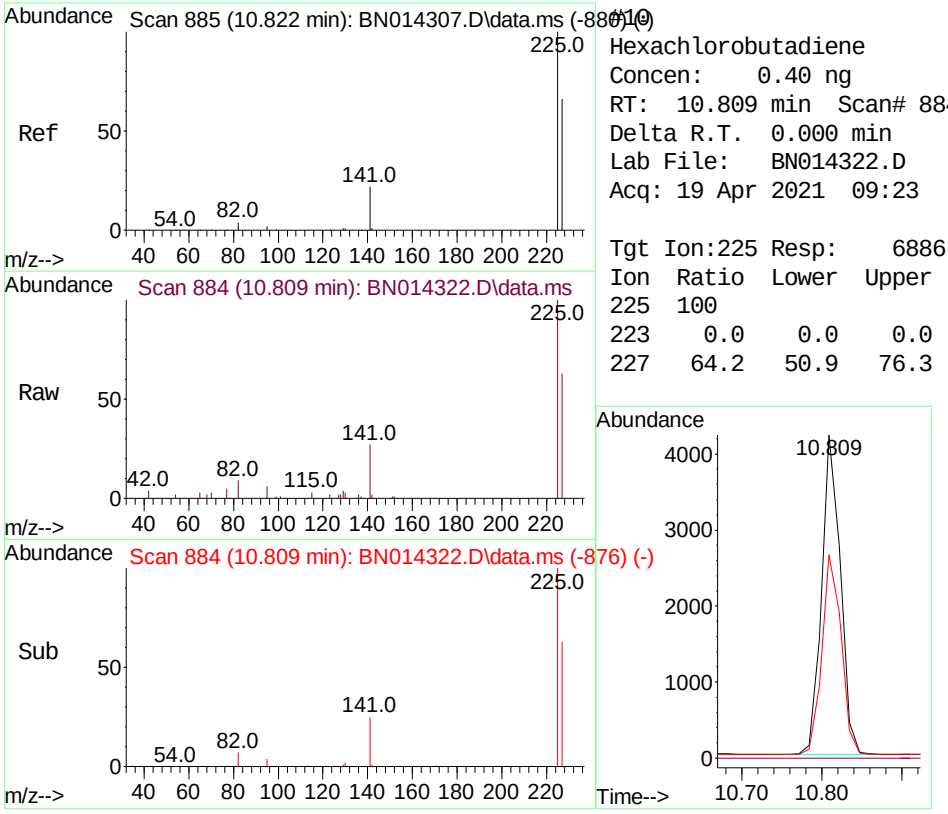
Instrument :
BNA_N
ClientSampleId :



Naphthalene
Concen: 0.39 ng
RT: 10.517 min Scan# 861
Delta R.T. 0.000 min
Lab File: BN014322.D
Acq: 19 Apr 2021 09:23

Tgt Ion:128 Resp: 34144

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.4
127	13.2	10.7	16.1

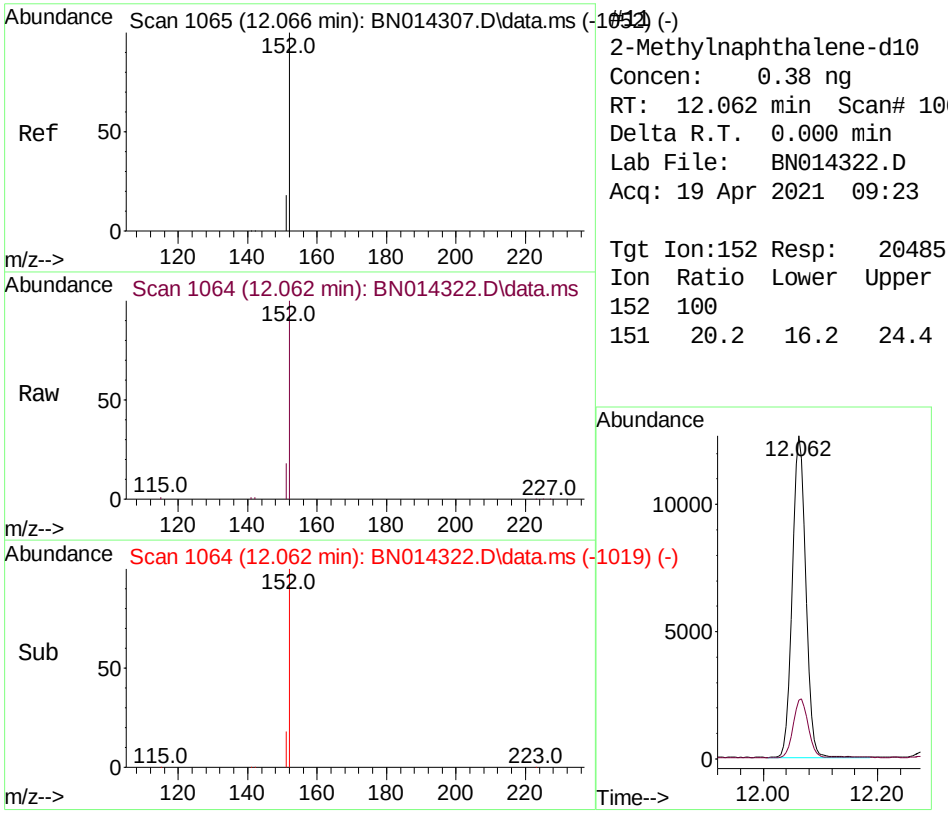


Hexachlorobutadiene
Concen: 0.40 ng
RT: 10.809 min Scan# 884
Delta R.T. 0.000 min
Lab File: BN014322.D
Acq: 19 Apr 2021 09:23

Tgt Ion:225 Resp: 6886

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.2	50.9	76.3

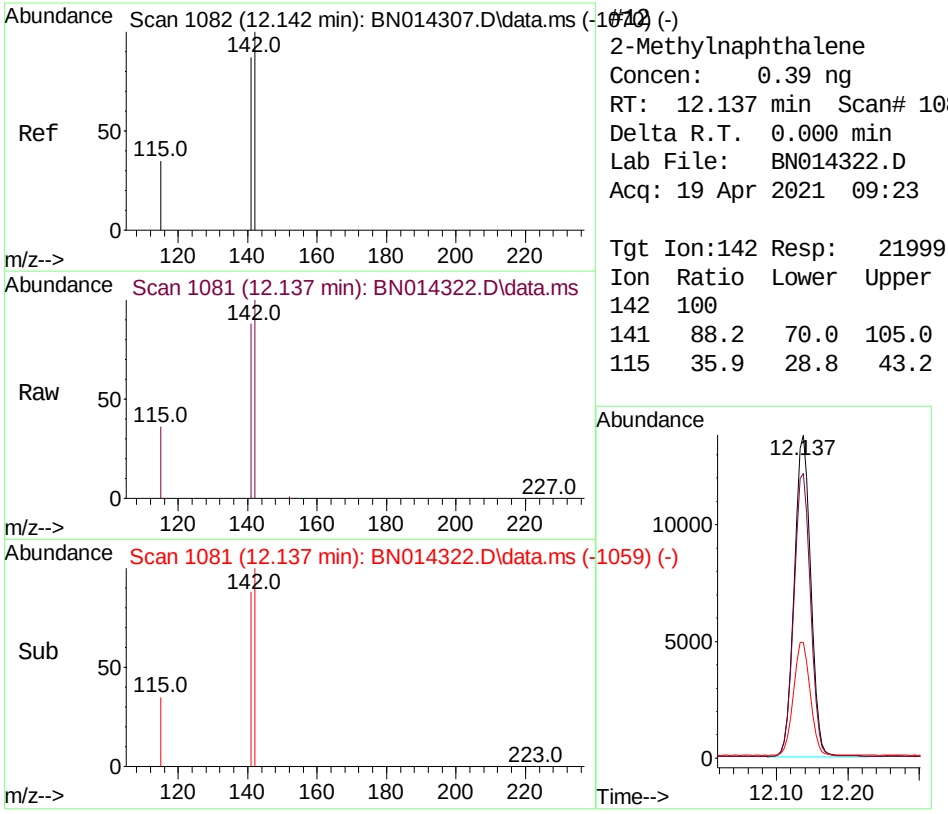
Instrument :
BNA_N
ClientSampleId :



#12
2-Methylnaphthalene-d10
Concen: 0.38 ng
RT: 12.062 min Scan# 1064
Delta R.T. 0.000 min
Lab File: BN014322.D
Acq: 19 Apr 2021 09:23

Tgt Ion:152 Resp: 20485

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.4

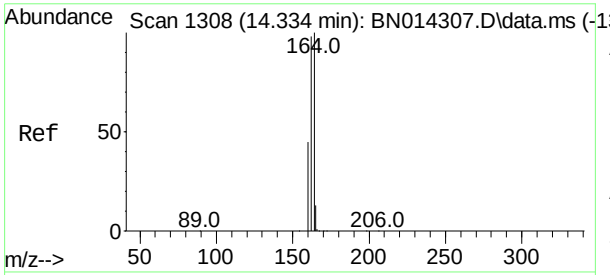


#10
2-Methylnaphthalene
Concen: 0.39 ng
RT: 12.137 min Scan# 1081
Delta R.T. 0.000 min
Lab File: BN014322.D
Acq: 19 Apr 2021 09:23

Tgt Ion:142 Resp: 21999

Ion	Ratio	Lower	Upper
142	100		
141	88.2	70.0	105.0
115	35.9	28.8	43.2

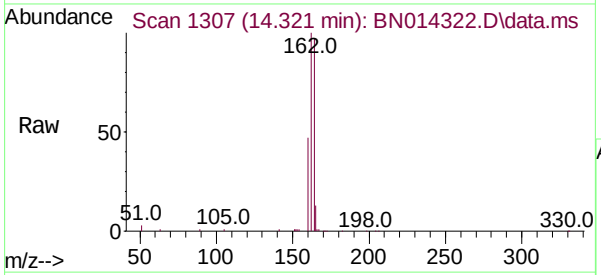
Instrument :
BNA_N
ClientSampleId :

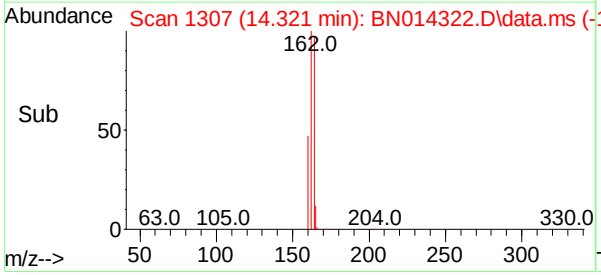


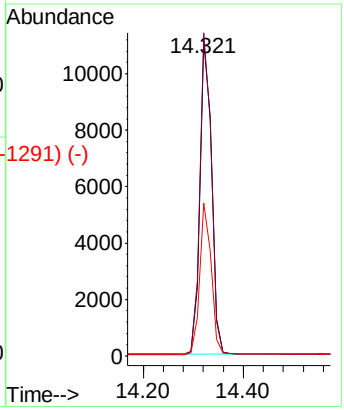
#19
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.321 min Scan# 1307
Delta R.T. 0.000 min
Lab File: BN014322.D
Acq: 19 Apr 2021 09:23

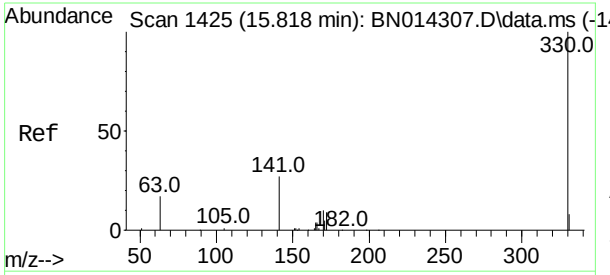
Tgt Ion:164 Resp: 17816

Ion	Ratio	Lower	Upper
164	100		
162	102.9	78.6	117.8
160	48.7	36.2	54.4





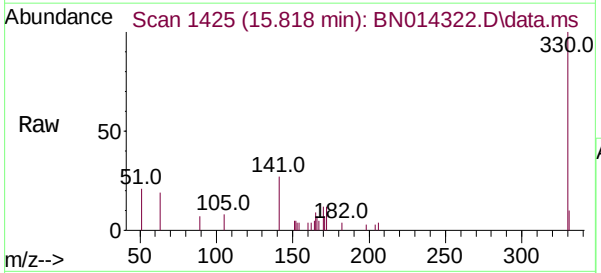


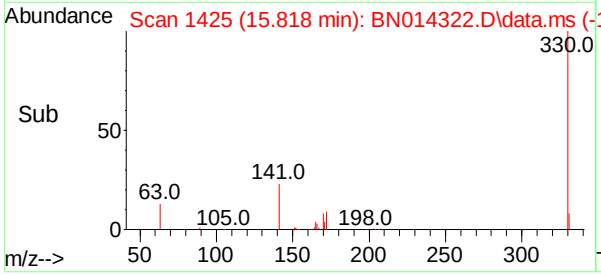


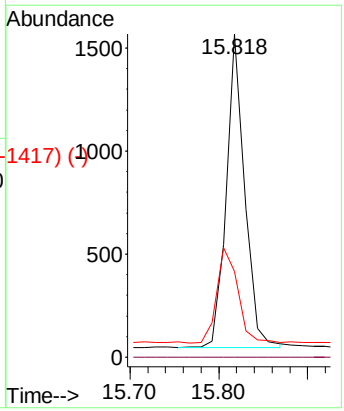
#24
2,4,6-Tribromophenol
Concen: 0.34 ng
RT: 15.818 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BN014322.D
Acq: 19 Apr 2021 09:23

Tgt Ion:330 Resp: 2177

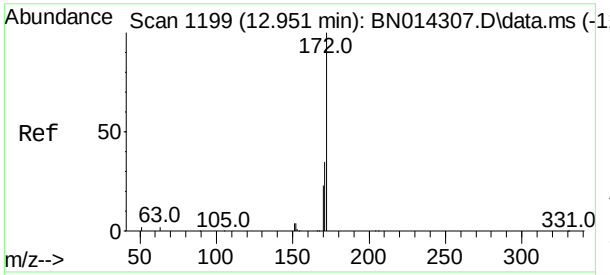
Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	34.9	28.8	43.2







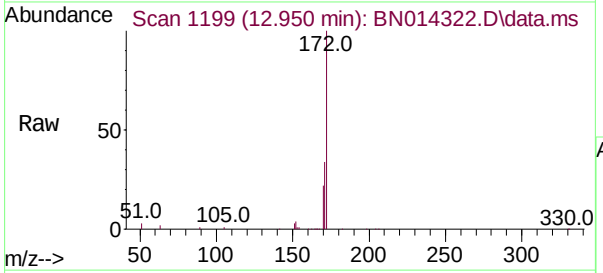
Instrument :
BNA_N
ClientSampleId :

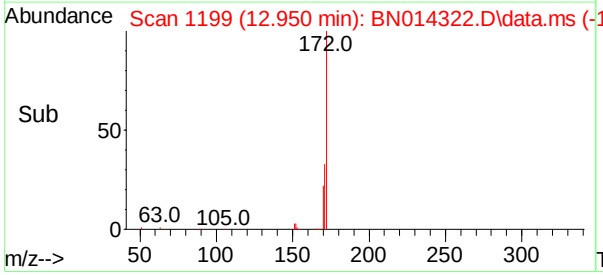


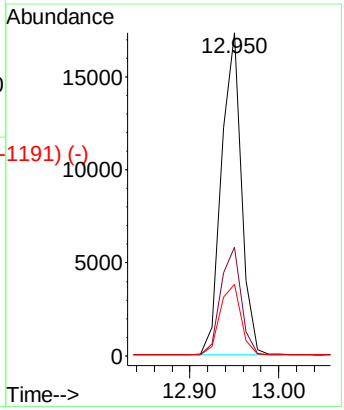
#15
2-Fluorobiphenyl
Concen: 0.39 ng
RT: 12.950 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BN014322.D
Acq: 19 Apr 2021 09:23

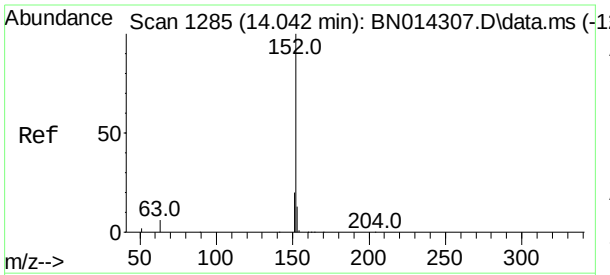
Tgt Ion:172 Resp: 27005

Ion	Ratio	Lower	Upper
172	100		
171	33.7	27.9	41.9
170	22.2	18.8	28.2





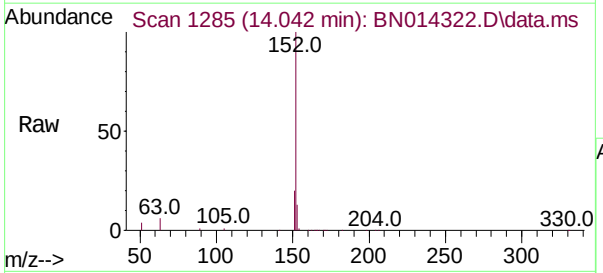


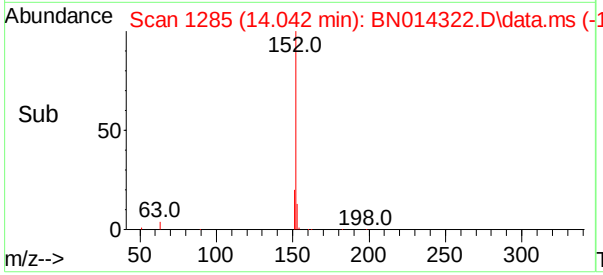


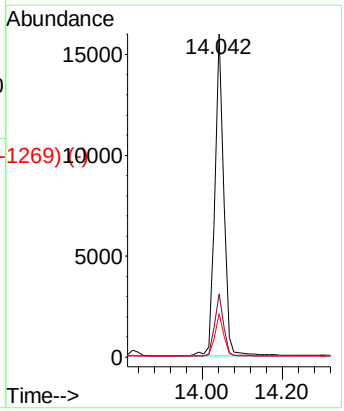
#16
Acenaphthylene
Concen: 0.36 ng
RT: 14.042 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BN014322.D
Acq: 19 Apr 2021 09:23

Tgt Ion:152 Resp: 24699

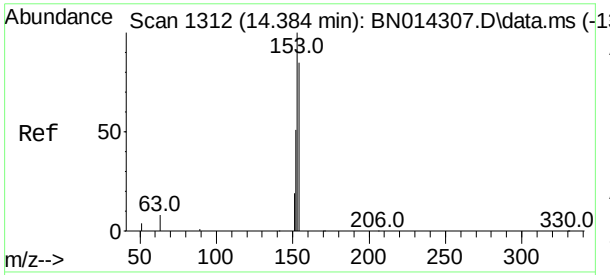
Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.9	23.9
153	13.1	10.6	15.8







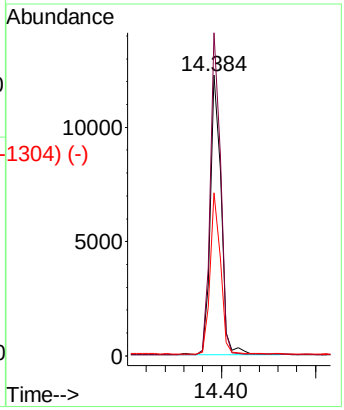
Instrument :
BNA_N
ClientSampleId :

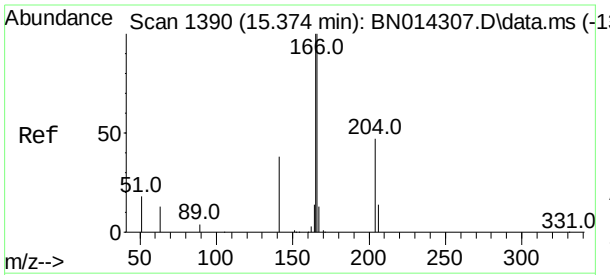


#17
Acenaphthene
Concen: 0.38 ng
RT: 14.384 min Scan# 1312
Delta R.T. 0.000 min
Lab File: BN014322.D
Acq: 19 Apr 2021 09:23

Tgt Ion:154 Resp: 19168

Ion	Ratio	Lower	Upper
154	100		
153	110.7	89.4	134.2
152	55.9	44.7	67.1

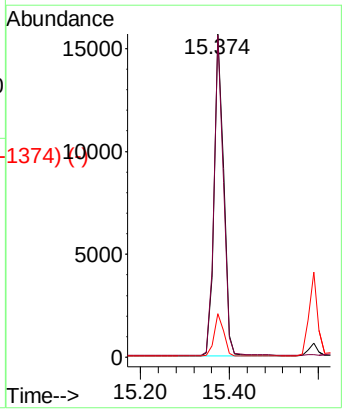




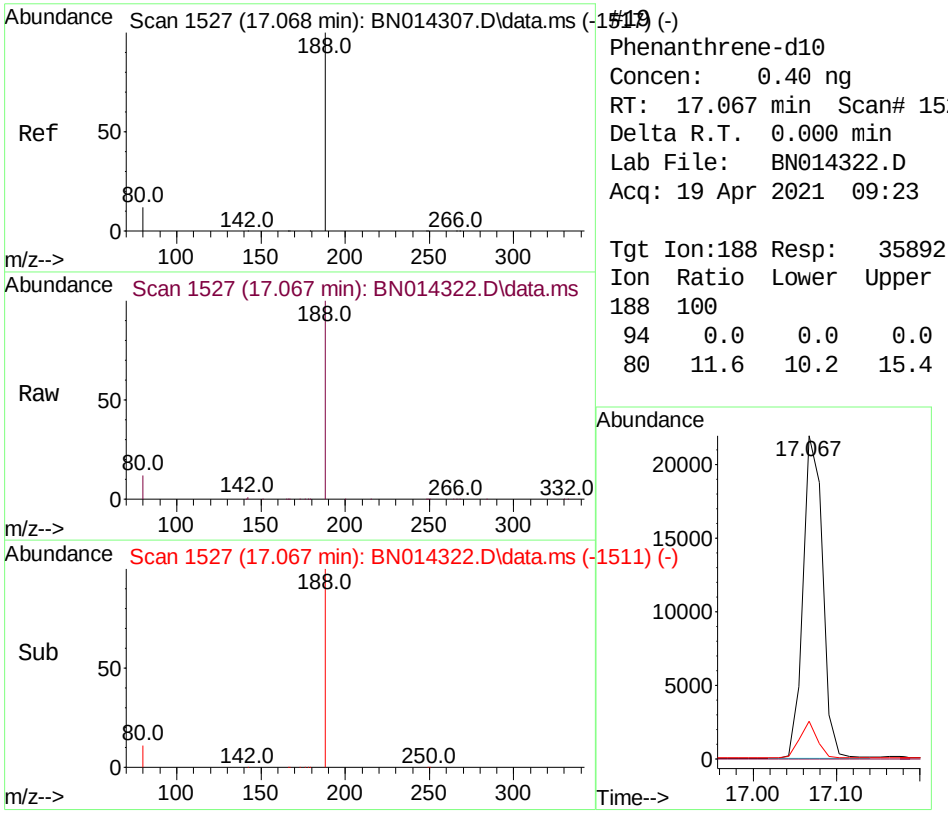
#18
Fluorene
Concen: 0.37 ng
RT: 15.374 min Scan# 1390
Delta R.T. 0.000 min
Lab File: BN014322.D
Acq: 19 Apr 2021 09:23

Tgt Ion:166 Resp: 22916

Ion	Ratio	Lower	Upper
166	100		
165	98.1	78.2	117.2
167	13.2	10.9	16.3



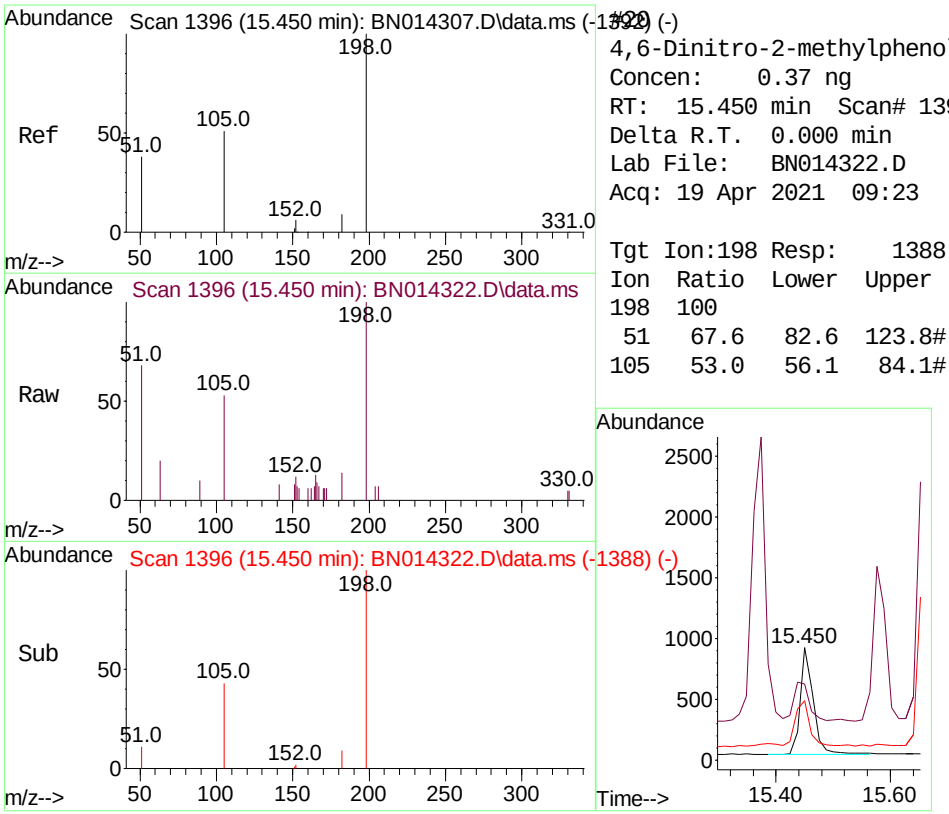
Instrument :
BNA_N
ClientSampleId :



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.067 min Scan# 1527
Delta R.T. 0.000 min
Lab File: BN014322.D
Acq: 19 Apr 2021 09:23

Tgt Ion:188 Resp: 35892

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.6	10.2	15.4

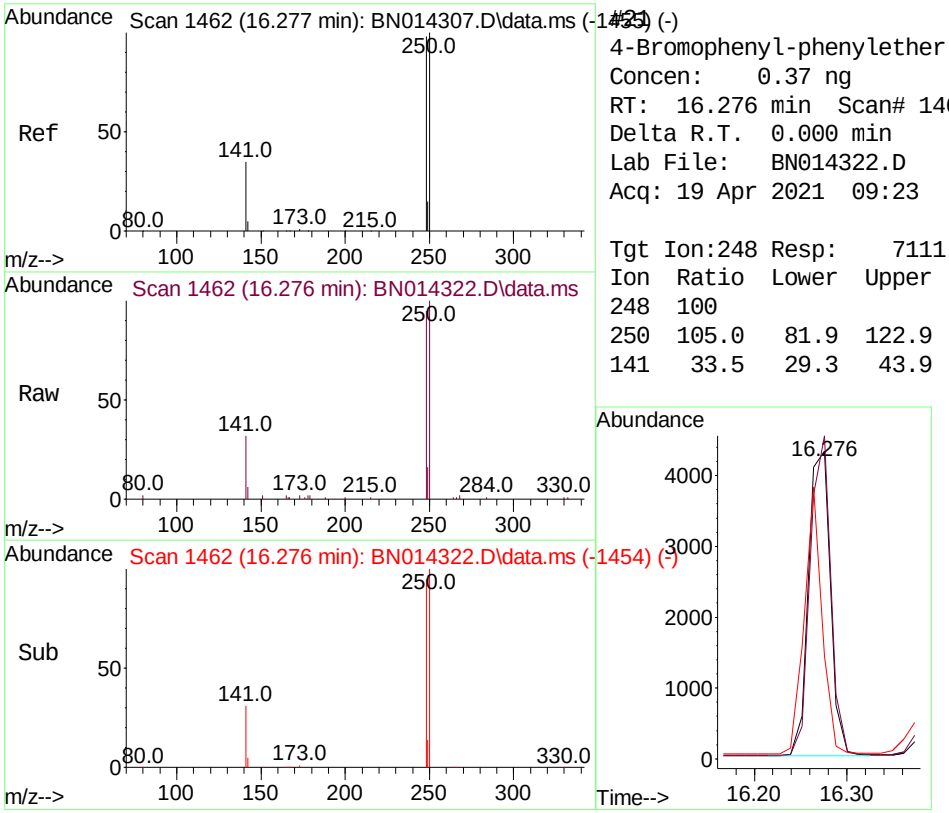


#20
4,6-Dinitro-2-methylphenol
Concen: 0.37 ng
RT: 15.450 min Scan# 1396
Delta R.T. 0.000 min
Lab File: BN014322.D
Acq: 19 Apr 2021 09:23

Tgt Ion:198 Resp: 1388

Ion	Ratio	Lower	Upper
198	100		
51	67.6	82.6	123.8#
105	53.0	56.1	84.1#

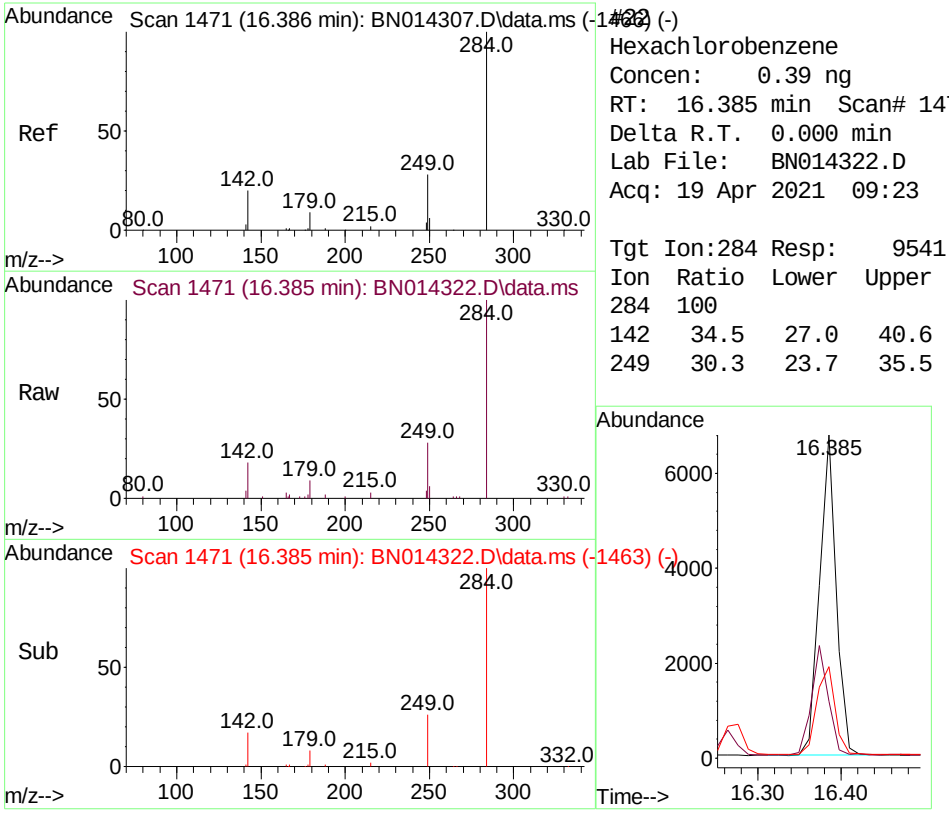
Instrument :
BNA_N
ClientSampleId :



#21
4-Bromophenyl-phenylether
Concen: 0.37 ng
RT: 16.276 min Scan# 1462
Delta R.T. 0.000 min
Lab File: BN014322.D
Acq: 19 Apr 2021 09:23

Tgt Ion:248 Resp: 7111

Ion	Ratio	Lower	Upper
248	100		
250	105.0	81.9	122.9
141	33.5	29.3	43.9

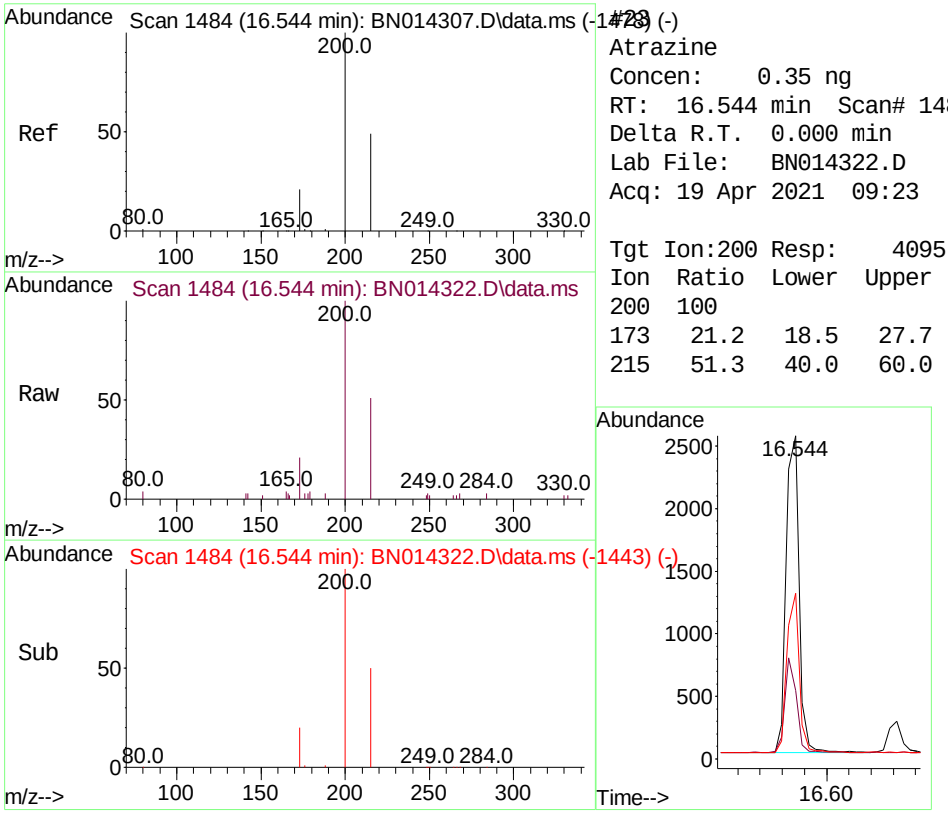


#22
Hexachlorobenzene
Concen: 0.39 ng
RT: 16.385 min Scan# 1471
Delta R.T. 0.000 min
Lab File: BN014322.D
Acq: 19 Apr 2021 09:23

Tgt Ion:284 Resp: 9541

Ion	Ratio	Lower	Upper
284	100		
142	34.5	27.0	40.6
249	30.3	23.7	35.5

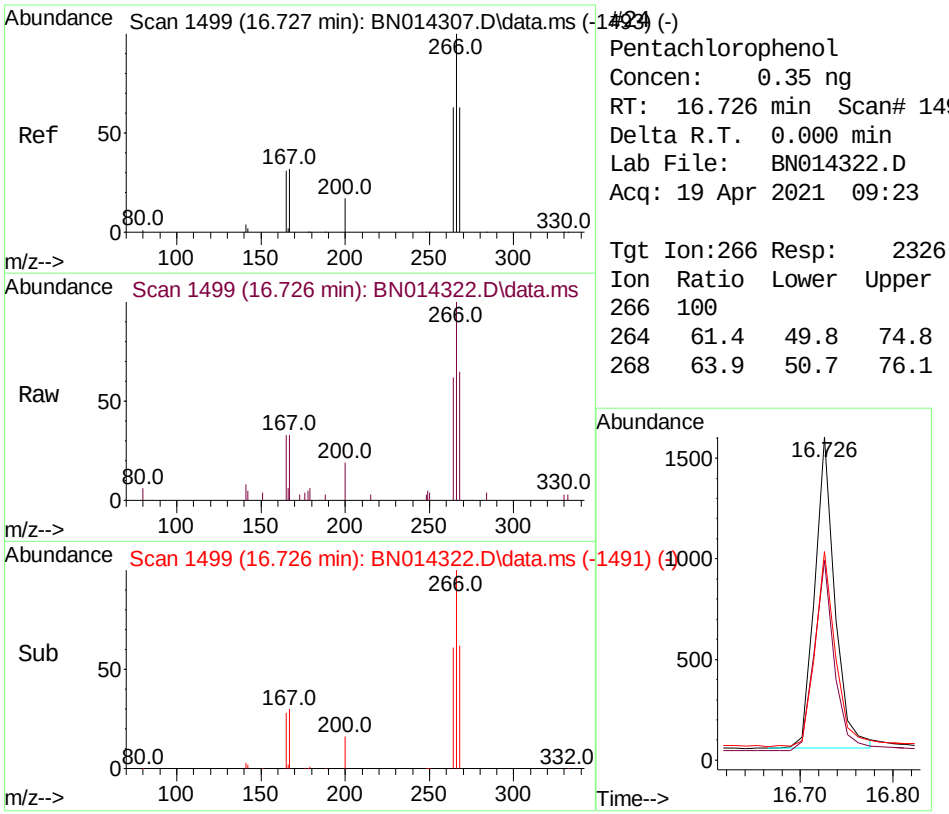
Instrument :
BNA_N
ClientSampleId :



#23
Atrazine
Concen: 0.35 ng
RT: 16.544 min Scan# 1484
Delta R.T. 0.000 min
Lab File: BN014322.D
Acq: 19 Apr 2021 09:23

Tgt Ion:200 Resp: 4095

Ion	Ratio	Lower	Upper
200	100		
173	21.2	18.5	27.7
215	51.3	40.0	60.0

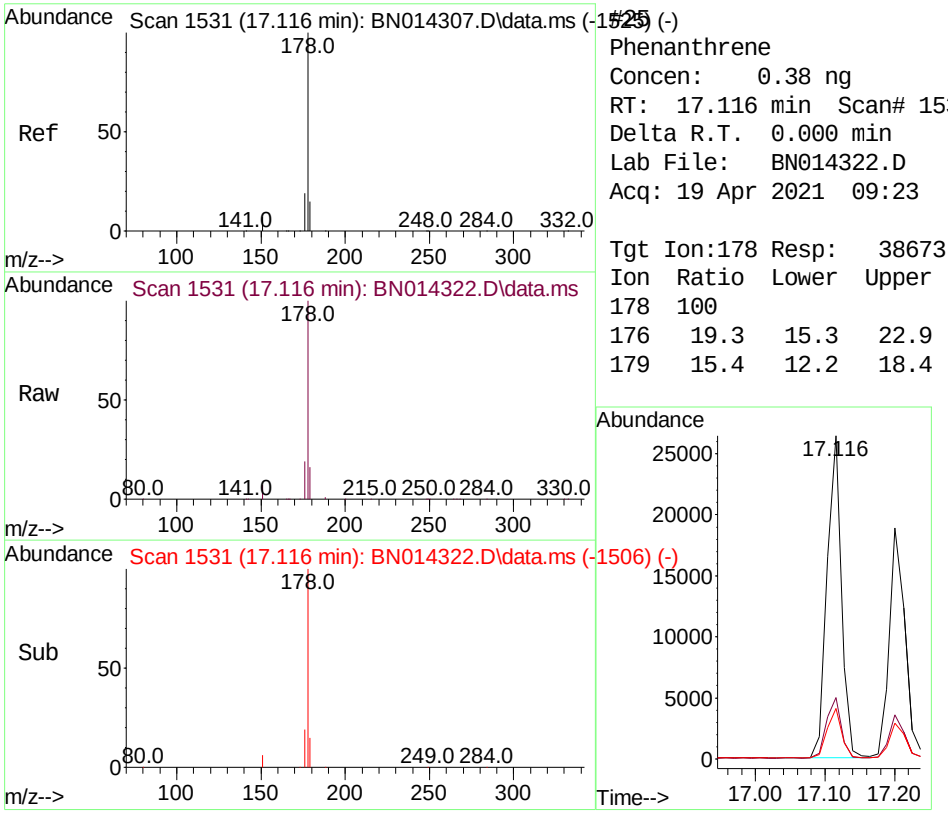


#24
Pentachlorophenol
Concen: 0.35 ng
RT: 16.726 min Scan# 1499
Delta R.T. 0.000 min
Lab File: BN014322.D
Acq: 19 Apr 2021 09:23

Tgt Ion:266 Resp: 2326

Ion	Ratio	Lower	Upper
266	100		
264	61.4	49.8	74.8
268	63.9	50.7	76.1

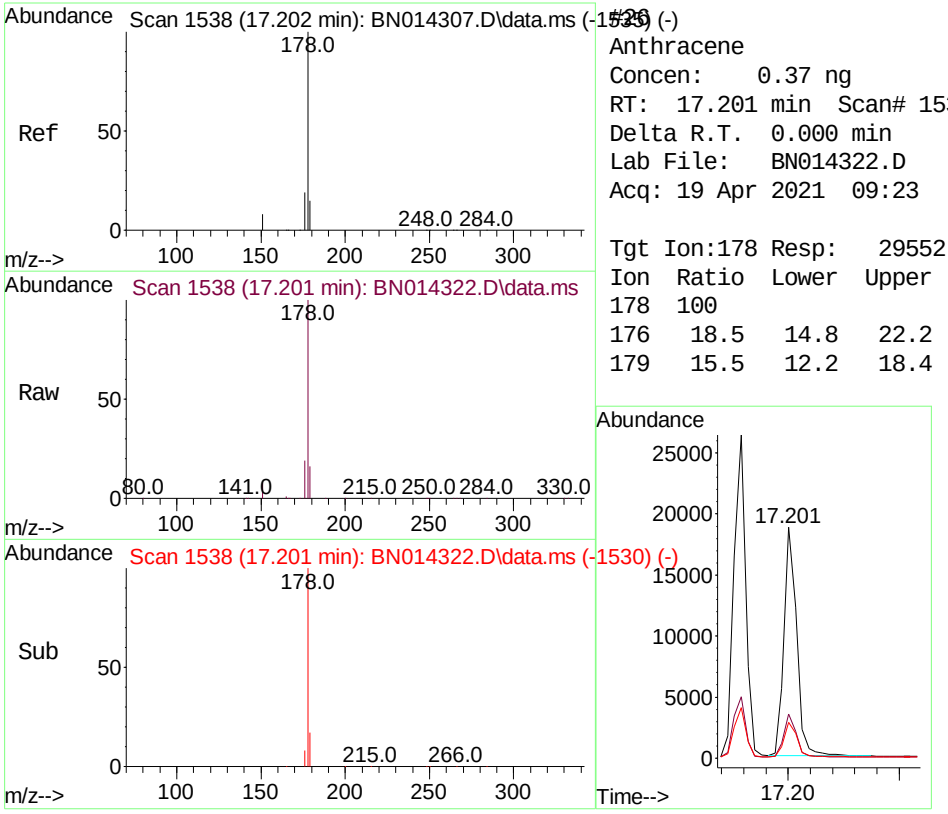
Instrument :
BNA_N
ClientSampleId :



#25
Phenanthrene
Concen: 0.38 ng
RT: 17.116 min Scan# 1531
Delta R.T. 0.000 min
Lab File: BN014322.D
Acq: 19 Apr 2021 09:23

Tgt Ion:178 Resp: 38673

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.3	22.9
179	15.4	12.2	18.4

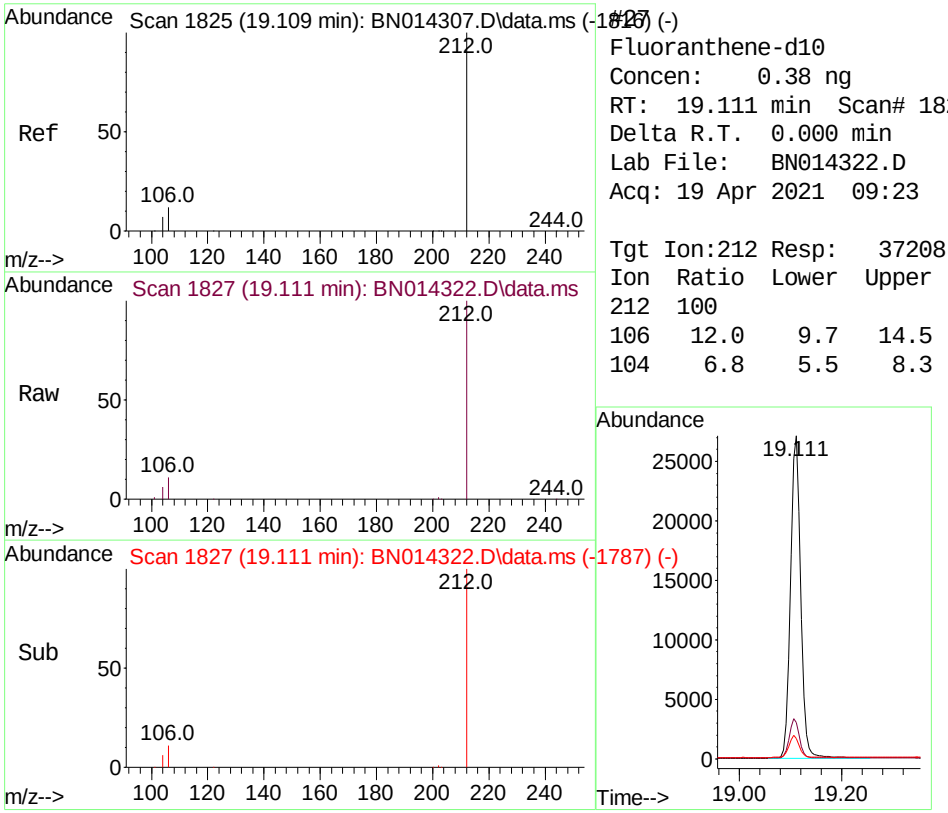


#26
Anthracene
Concen: 0.37 ng
RT: 17.201 min Scan# 1538
Delta R.T. 0.000 min
Lab File: BN014322.D
Acq: 19 Apr 2021 09:23

Tgt Ion:178 Resp: 29552

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.8	22.2
179	15.5	12.2	18.4

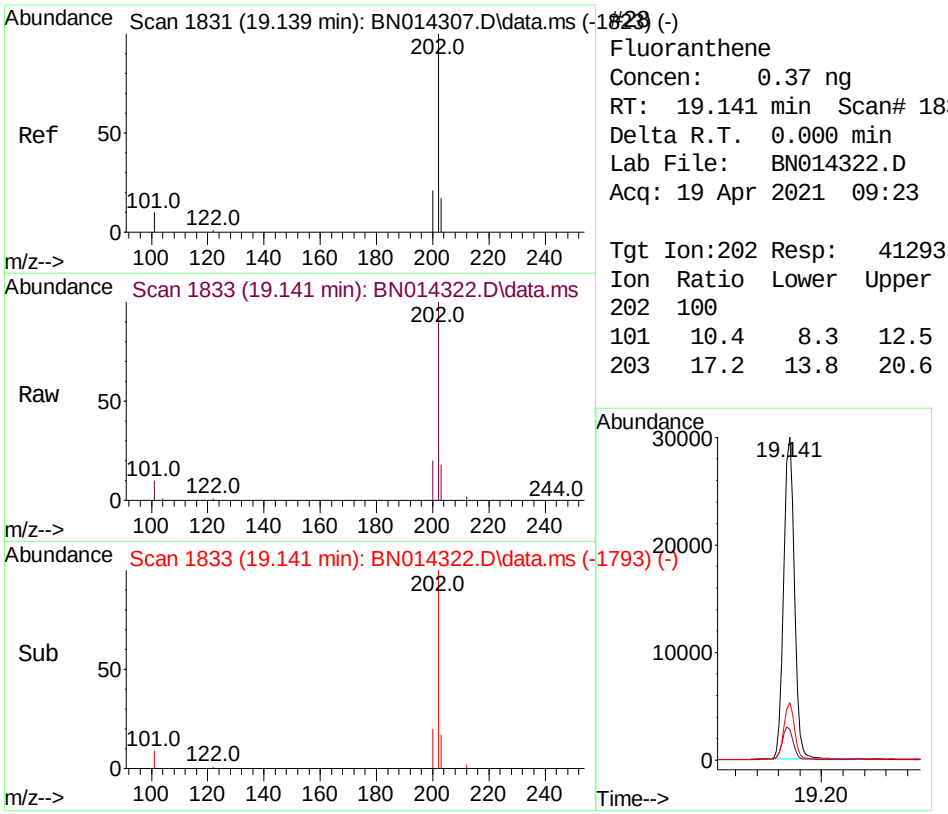
Instrument :
BNA_N
ClientSampleId :



#27
Fluoranthene-d10
Concen: 0.38 ng
RT: 19.111 min Scan# 1827
Delta R.T. 0.000 min
Lab File: BN014322.D
Acq: 19 Apr 2021 09:23

Tgt Ion:212 Resp: 37208

Ion	Ratio	Lower	Upper
212	100		
106	12.0	9.7	14.5
104	6.8	5.5	8.3

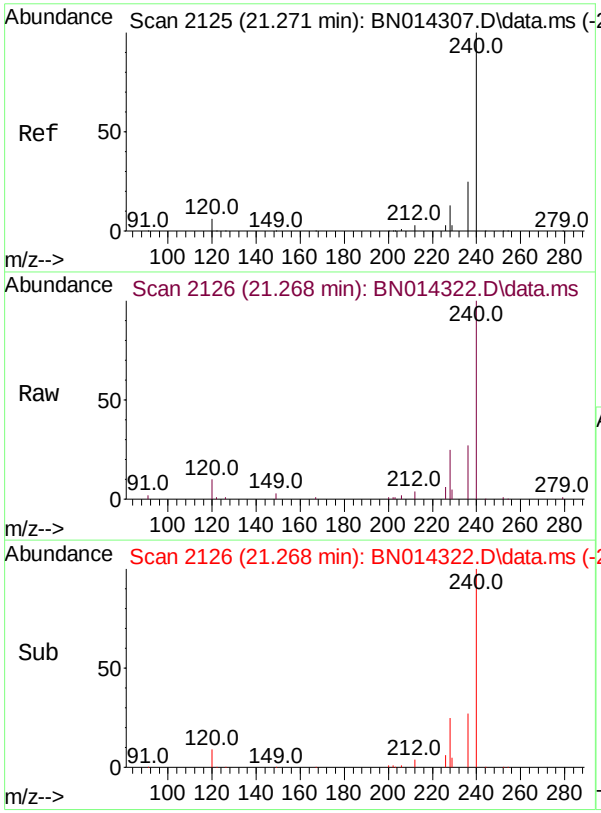


#28
Fluoranthene
Concen: 0.37 ng
RT: 19.141 min Scan# 1833
Delta R.T. 0.000 min
Lab File: BN014322.D
Acq: 19 Apr 2021 09:23

Tgt Ion:202 Resp: 41293

Ion	Ratio	Lower	Upper
202	100		
101	10.4	8.3	12.5
203	17.2	13.8	20.6

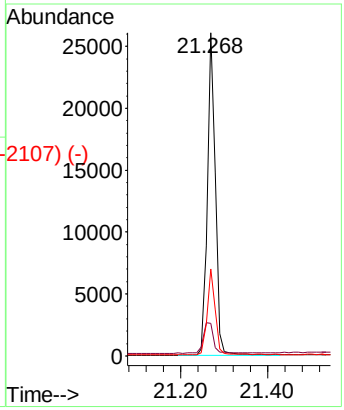
Instrument :
BNA_N
ClientSampleId :

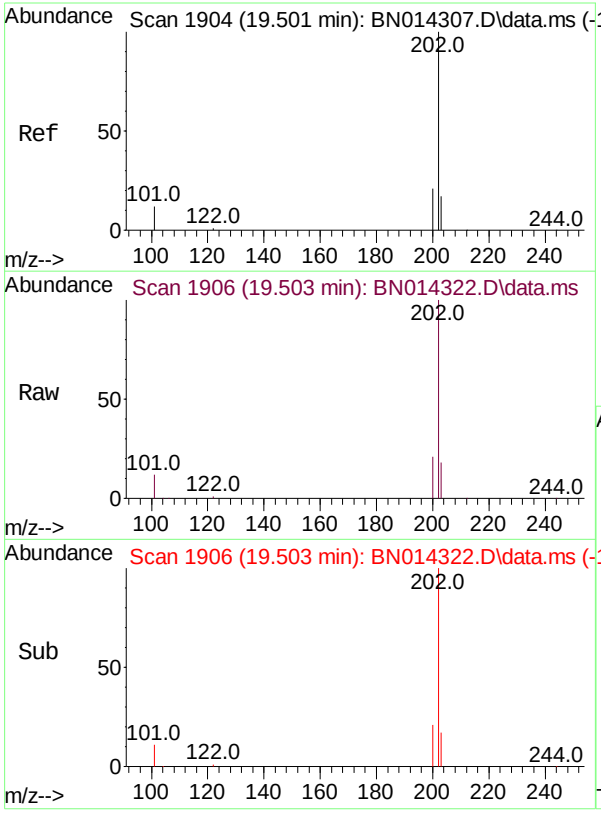


#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.268 min Scan# 2126
Delta R.T. 0.000 min
Lab File: BN014322.D
Acq: 19 Apr 2021 09:23

Tgt Ion:240 Resp: 33862

Ion	Ratio	Lower	Upper
240	100		
120	10.0	5.4	8.0#
236	26.9	20.4	30.6

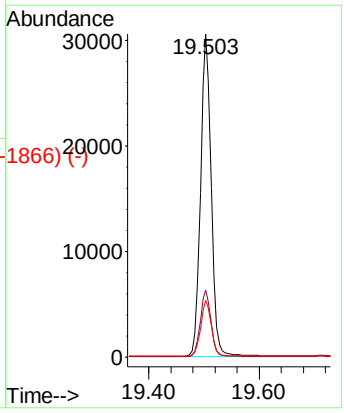




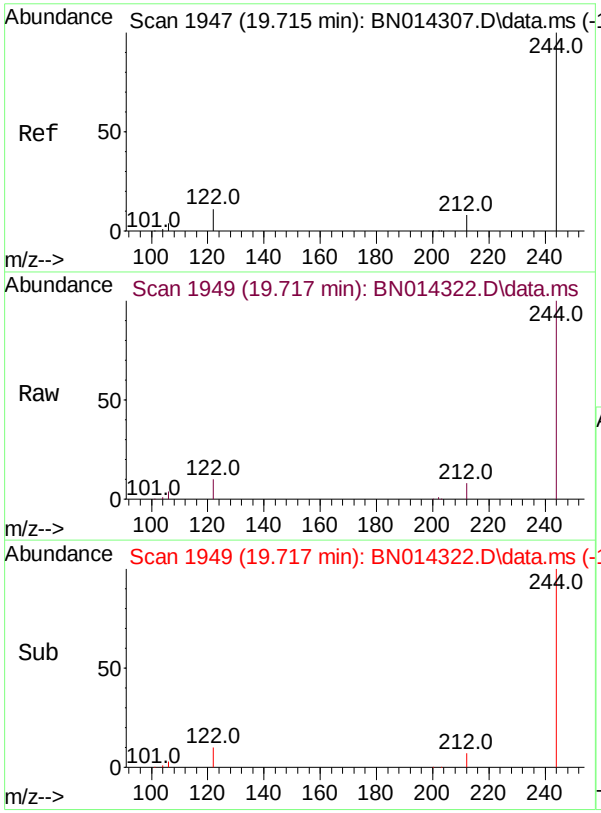
#30
Pyrene
Concen: 0.43 ng
RT: 19.503 min Scan# 1906
Delta R.T. 0.000 min
Lab File: BN014322.D
Acq: 19 Apr 2021 09:23

Tgt Ion:202 Resp: 41035

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.6	24.8
203	17.4	14.0	21.0



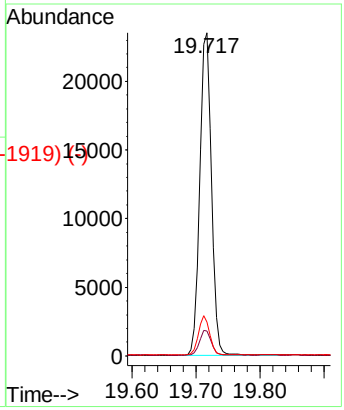
Instrument :
BNA_N
ClientSampleId :

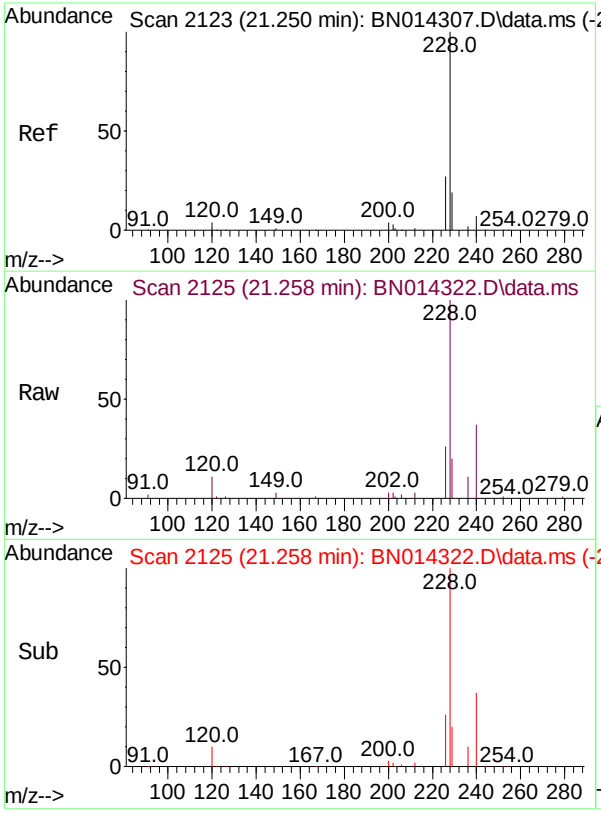


#31
Terphenyl-d14
Concen: 0.42 ng
RT: 19.717 min Scan# 1949
Delta R.T. 0.000 min
Lab File: BN014322.D
Acq: 19 Apr 2021 09:23

Tgt Ion:244 Resp: 29490

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.4
122	10.5	9.0	13.6

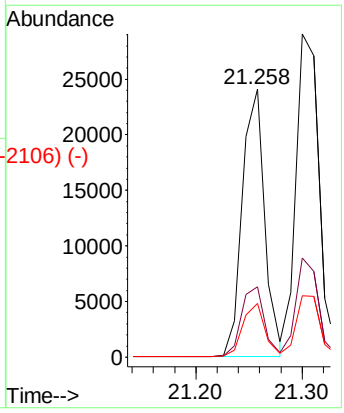




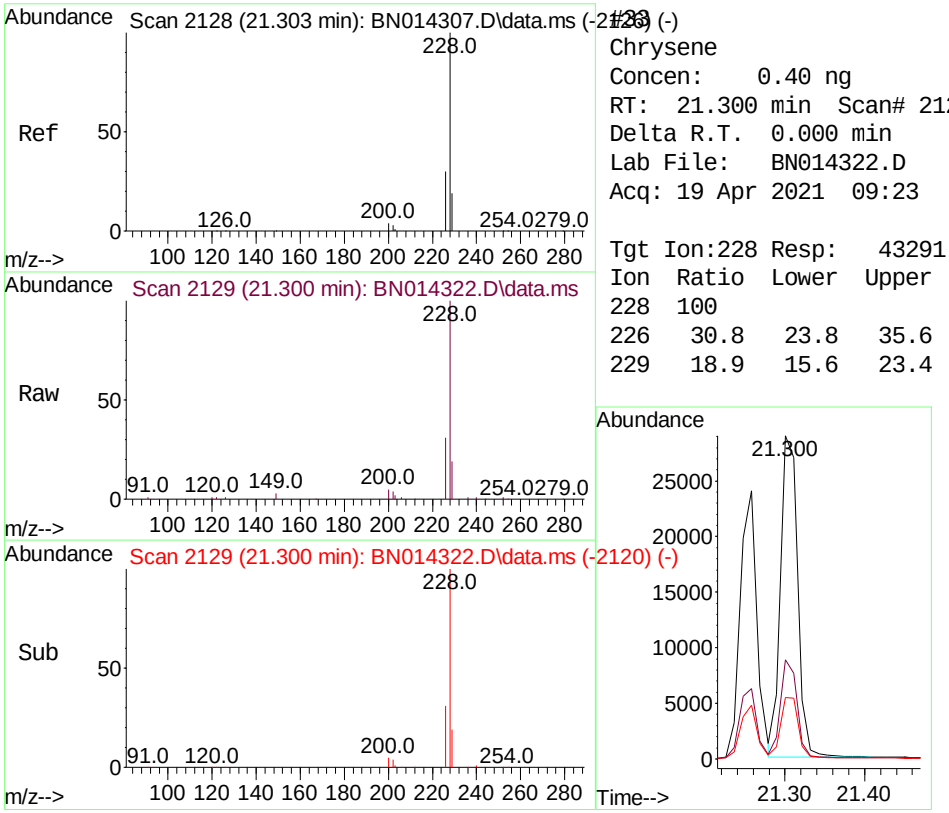
#32
Benzo(a)anthracene
Concen: 0.39 ng
RT: 21.258 min Scan# 2125
Delta R.T. 0.000 min
Lab File: BN014322.D
Acq: 19 Apr 2021 09:23

Tgt Ion:228 Resp: 35092

Ion	Ratio	Lower	Upper
228	100		
226	26.2	21.7	32.5
229	19.9	15.7	23.5



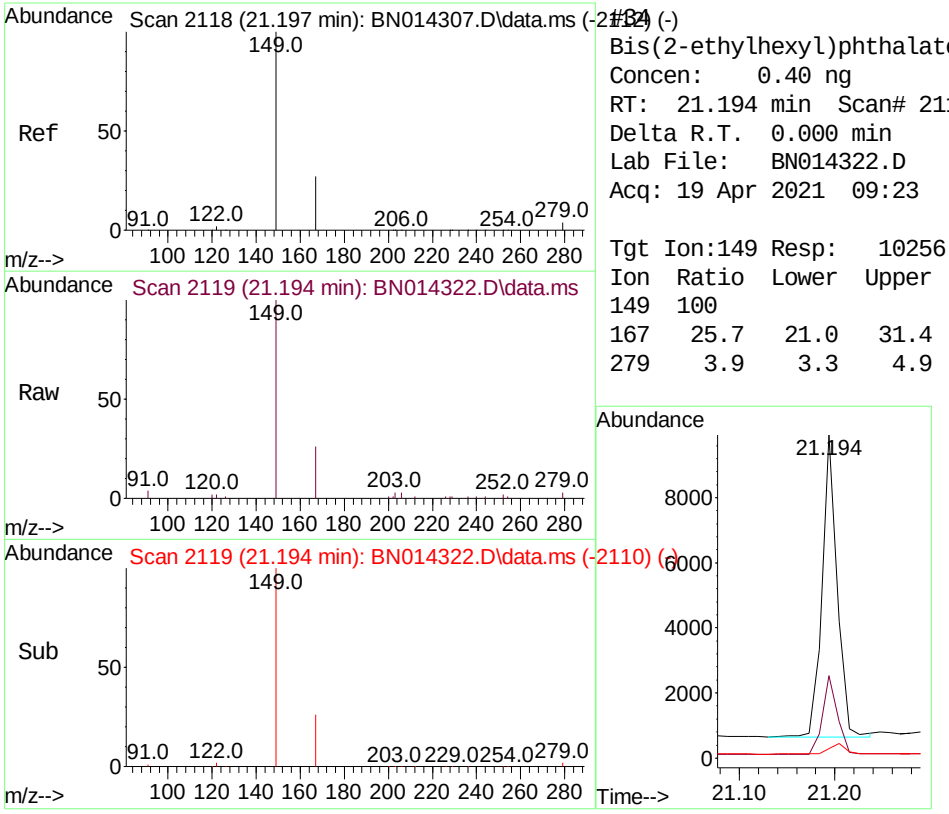
Instrument :
BNA_N
ClientSampleId :



#33
Chrysene
Concen: 0.40 ng
RT: 21.300 min Scan# 2129
Delta R.T. 0.000 min
Lab File: BN014322.D
Acq: 19 Apr 2021 09:23

Tgt Ion:228 Resp: 43291

Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.8	35.6
229	18.9	15.6	23.4

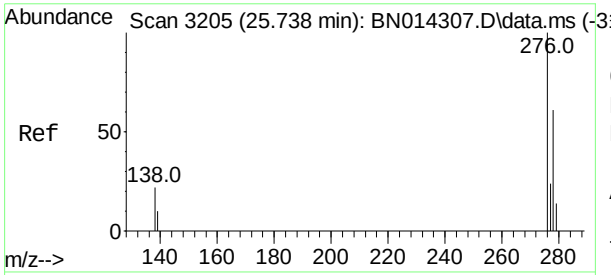


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.40 ng
RT: 21.194 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BN014322.D
Acq: 19 Apr 2021 09:23

Tgt Ion:149 Resp: 10256

Ion	Ratio	Lower	Upper
149	100		
167	25.7	21.0	31.4
279	3.9	3.3	4.9

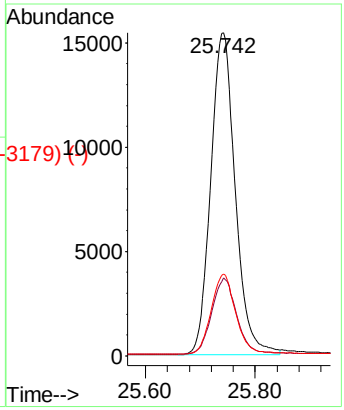
Instrument :
BNA_N
ClientSampleId :

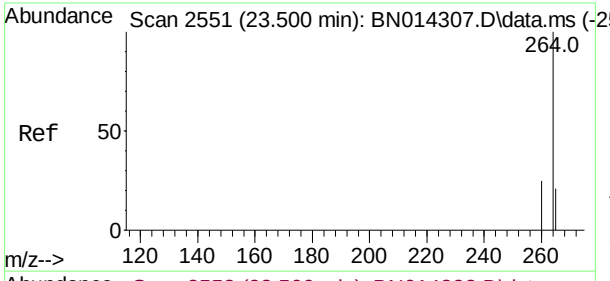


#35
Indeno(1,2,3-cd)pyrene
Concen: 0.36 ng
RT: 25.742 min Scan# 3208
Delta R.T. 0.000 min
Lab File: BN014322.D
Acq: 19 Apr 2021 09:23

Tgt Ion:276 Resp: 47851

Ion	Ratio	Lower	Upper
276	100		
138	23.9	18.3	27.5
277	24.9	19.9	29.9

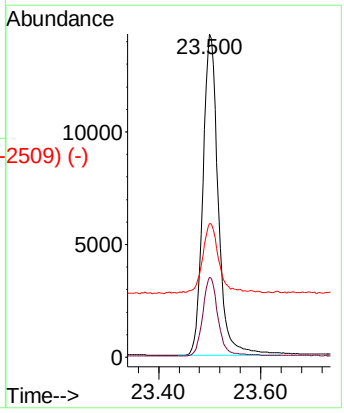




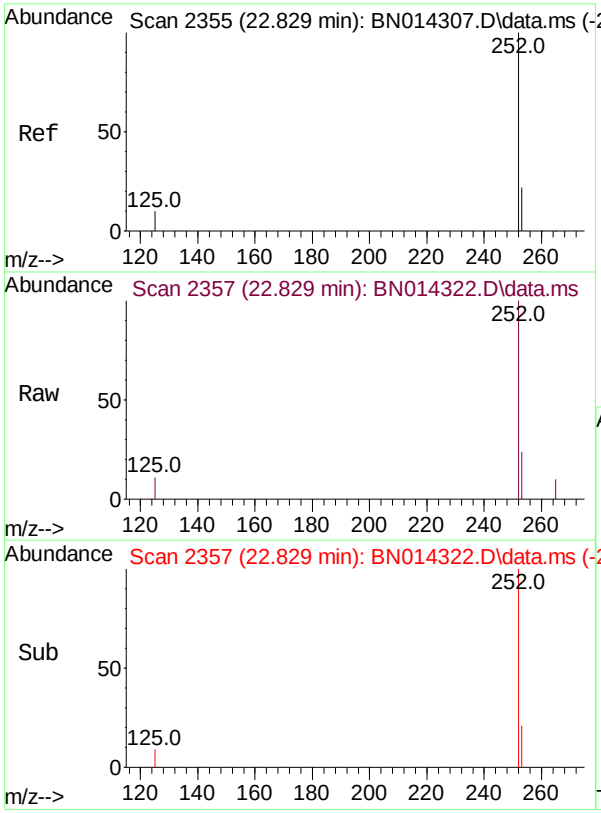
#36
Perylene-d12
Concen: 0.40 ng
RT: 23.500 min Scan# 2553
Delta R.T. 0.000 min
Lab File: BN014322.D
Acq: 19 Apr 2021 09:23

Tgt Ion:264 Resp: 29803

Ion	Ratio	Lower	Upper
264	100		
260	24.6	20.0	30.0
265	41.4	37.8	56.8



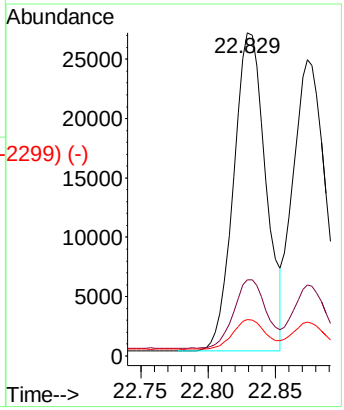
Instrument :
BNA_N
ClientSampleId :

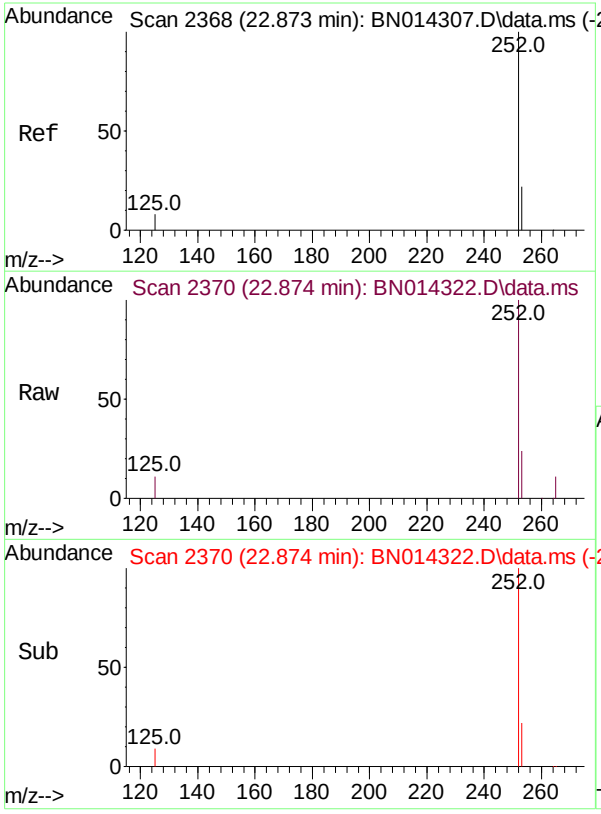


#37
Benzo(b)fluoranthene
Concen: 0.34 ng
RT: 22.829 min Scan# 2357
Delta R.T. 0.000 min
Lab File: BN014322.D
Acq: 19 Apr 2021 09:23

Tgt Ion:252 Resp: 44510

Ion	Ratio	Lower	Upper
252	100		
253	23.5	19.0	28.6
125	11.2	9.3	13.9

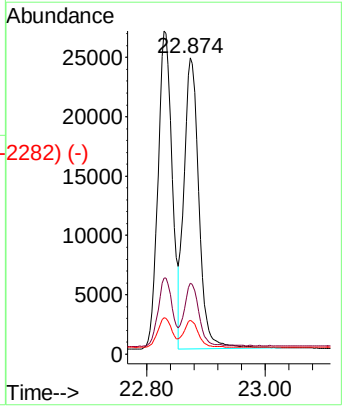




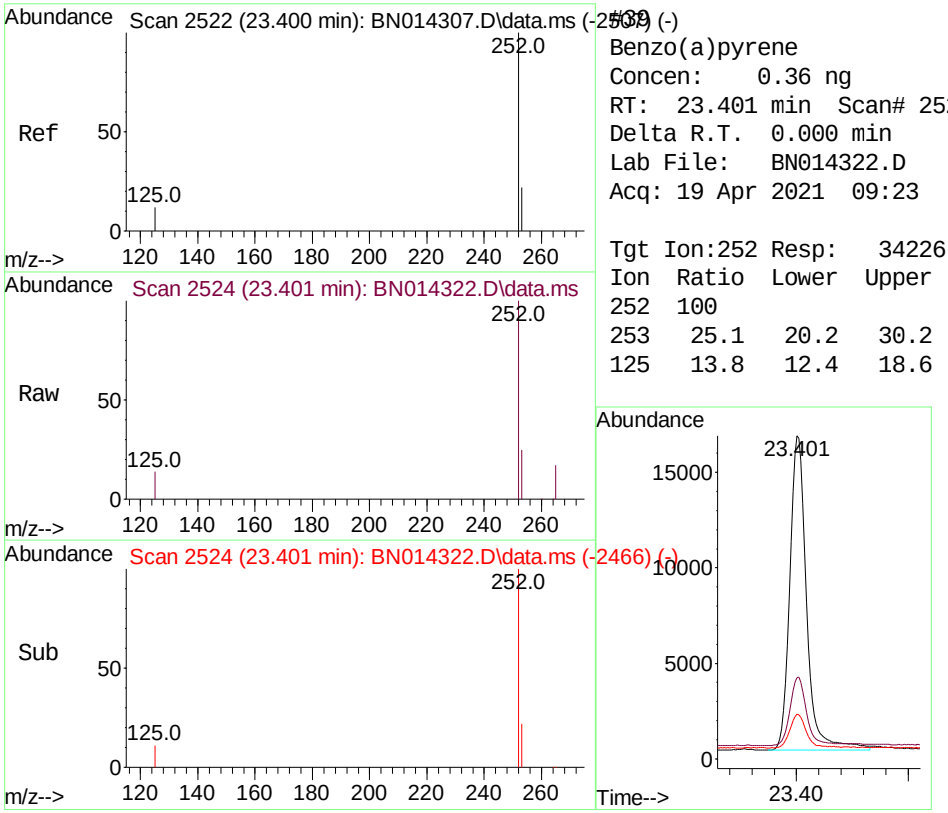
#38
Benzo(k)fluoranthene
Concen: 0.34 ng
RT: 22.874 min Scan# 2370
Delta R.T. 0.000 min
Lab File: BN014322.D
Acq: 19 Apr 2021 09:23

Tgt Ion:252 Resp: 42857

Ion	Ratio	Lower	Upper
252	100		
253	23.9	19.1	28.7
125	11.4	9.1	13.7



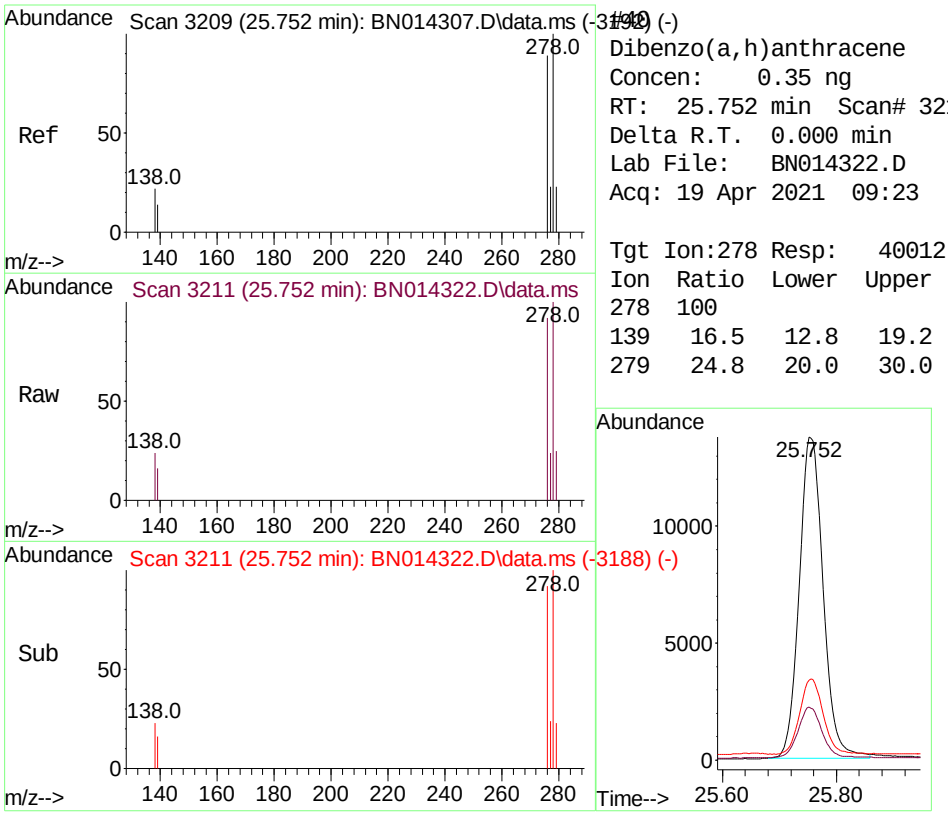
Instrument :
BNA_N
ClientSampleId :



#39
Benzo(a)pyrene
Concen: 0.36 ng
RT: 23.401 min Scan# 2524
Delta R.T. 0.000 min
Lab File: BN014322.D
Acq: 19 Apr 2021 09:23

Tgt Ion:252 Resp: 34226

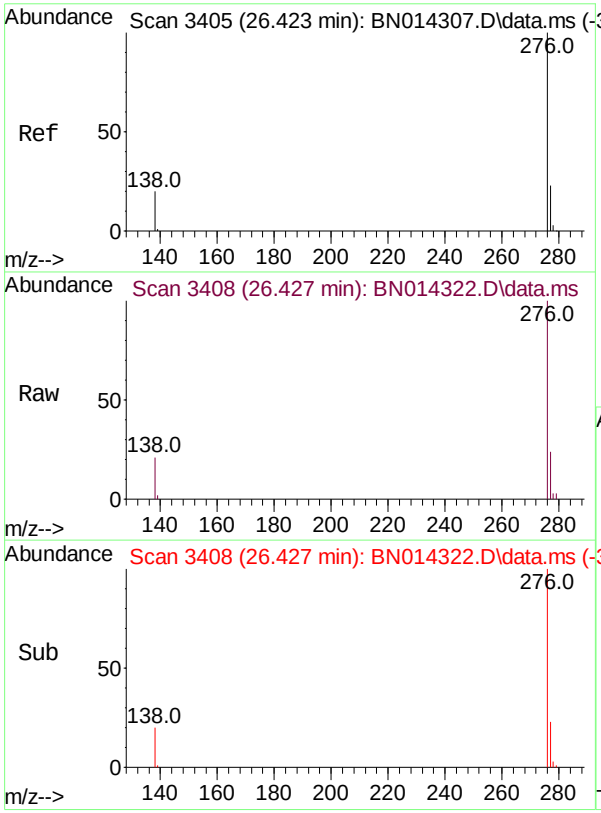
Ion	Ratio	Lower	Upper
252	100		
253	25.1	20.2	30.2
125	13.8	12.4	18.6



#40
Dibenzo(a,h)anthracene
Concen: 0.35 ng
RT: 25.752 min Scan# 3211
Delta R.T. 0.000 min
Lab File: BN014322.D
Acq: 19 Apr 2021 09:23

Tgt Ion:278 Resp: 40012

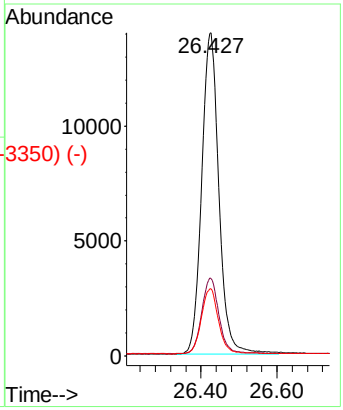
Ion	Ratio	Lower	Upper
278	100		
139	16.5	12.8	19.2
279	24.8	20.0	30.0



#41
Benzo(g,h,i)perylene
Concen: 0.37 ng
RT: 26.427 min Scan# 3408
Delta R.T. 0.000 min
Lab File: BN014322.D
Acq: 19 Apr 2021 09:23

Tgt Ion:276 Resp: 44500

Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.9	28.3
138	20.8	16.6	24.8



Instrument :
BNA_N
ClientSampleId :