Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042621\
Data File : BN014448.D
Acq On : 26 Apr 2021 17:55
Operator : CG/JU
Sample : PB135981BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB135981BS

Quant Time: Apr 26 18:25:26 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN042221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 26 12:30:05 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.684	152	9773	0.40	ng	0.00
7) Naphthalene-d8	10.454	136	37778	0.40	ng	0.00
13) Acenaphthene-d10	14.308	164	20215	0.40	ng	0.00
19) Phenanthrene-d10	17.055	188	40574	0.40	ng	# 0.00
29) Chrysene-d12	21.261	240	35290	0.40	ng	# 0.00
36) Perylene-d12	23.482	264	33207	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.284	112	7967	0.40	ng	0.00
5) Phenol-d6	6.855	99	9502	0.39	ng	0.00
8) Nitrobenzene-d5	8.819	82	7127	0.22	ng	0.00
11) 2-Methylnaphthalene-d10	12.049	152	18732	0.33	ng	0.00
14) 2,4,6-Tribromophenol	15.805	330	1729	0.27	ng	0.00
15) 2-Fluorobiphenyl	12.938	172	26310	0.33	ng	0.01
27) Fluoranthene-d10	19.099	212	29582	0.28	ng	0.00
31) Terphenyl-d14	19.700	244	26216	0.35	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.247	88	2615	0.22	ng	# 56
3) n-Nitrosodimethylamine	3.593	42	1644	0.35	ng	# 64
6) bis(2-Chloroethyl)ether	7.112	93	8602	0.36	ng	98
9) Naphthalene	10.505	128	32026	0.34	ng	100
10) Hexachlorobutadiene	10.796	225	5918	0.29	ng	# 98
12) 2-Methylnaphthalene	12.124	142	21210	0.35	ng	98
16) Acenaphthylene	14.029	152	25639	0.30	ng	100
17) Acenaphthene	14.372	154	18220	0.32	ng	97
18) Fluorene	15.361	166	21210	0.30	ng	99
20) 4,6-Dinitro-2-methylph...	15.437	198	680	0.15	ng	# 14
21) 4-Bromophenyl-phenylether	16.252	248	6568	0.29	ng	# 83
22) Hexachlorobenzene	16.374	284	8482	0.27	ng	99
23) Atrazine	16.520	200	3714	0.28	ng	# 96
24) Pentachlorophenol	16.715	266	2995	0.52	ng	100
25) Phenanthrene	17.104	178	34506	0.30	ng	100
26) Anthracene	17.189	178	28111	0.31	ng	99
28) Fluoranthene	19.124	202	34911	0.29	ng	99
30) Pyrene	19.491	202	35360	0.34	ng	100
32) Benzo(a)anthracene	21.239	228	33671	0.36	ng	99
33) Chrysene	21.292	228	34886	0.32	ng	99
34) Bis(2-ethylhexyl)phtha...	21.176	149	10298	0.31	ng	97
35) Indeno(1,2,3-cd)pyrene	25.714	276	43707	0.36	ng	98
37) Benzo(b)fluoranthene	22.815	252	36711	0.30	ng	98
38) Benzo(k)fluoranthene	22.859	252	36535	0.29	ng	99
39) Benzo(a)pyrene	23.383	252	31542	0.30	ng	99
40) Dibenzo(a,h)anthracene	25.724	278	35631	0.31	ng	99
41) Benzo(g,h,i)perylene	26.392	276	39003	0.32	ng	98

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

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Instrument :
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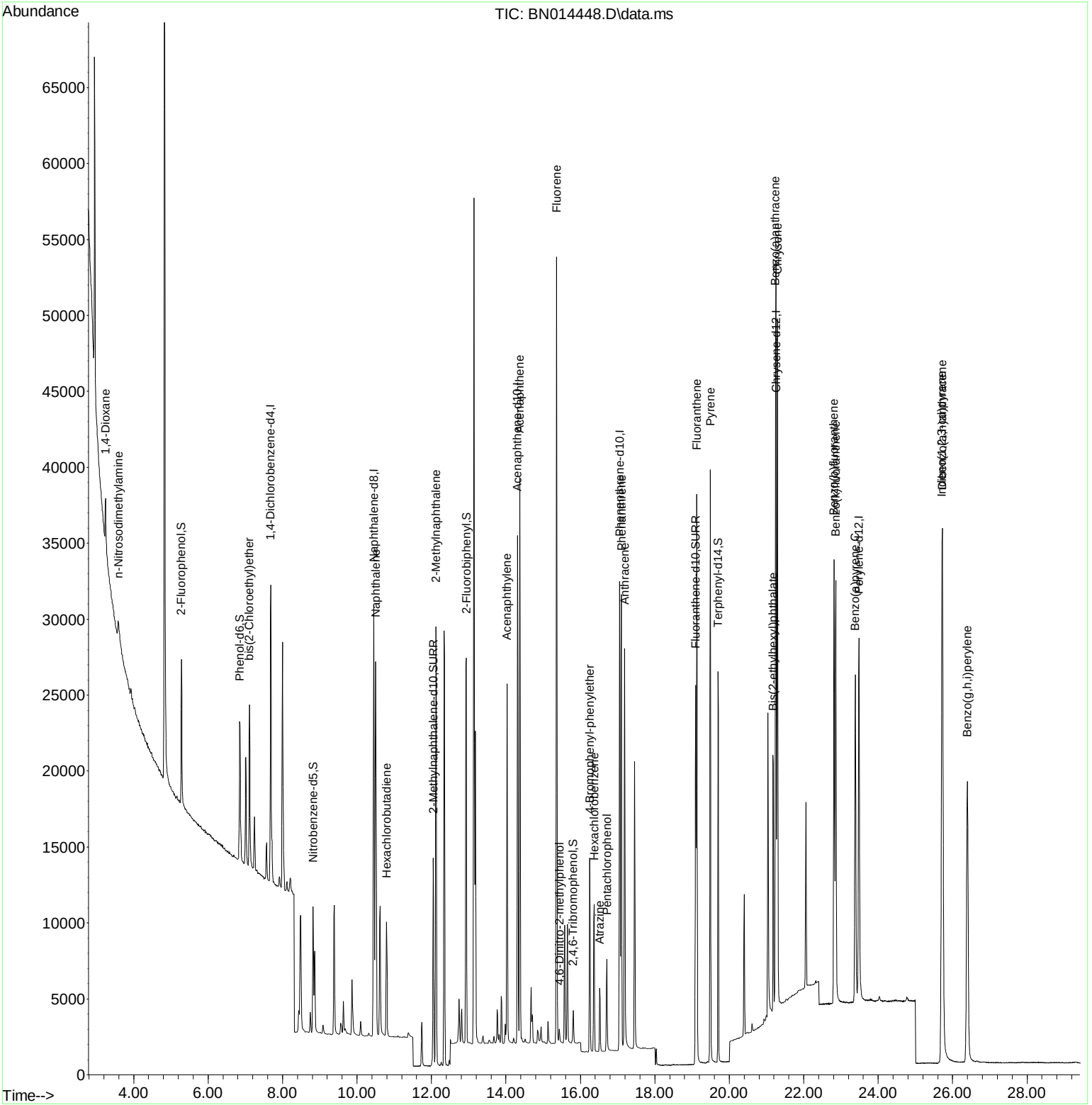
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 26 12:30:05 2021
Response via : Initial Calibration



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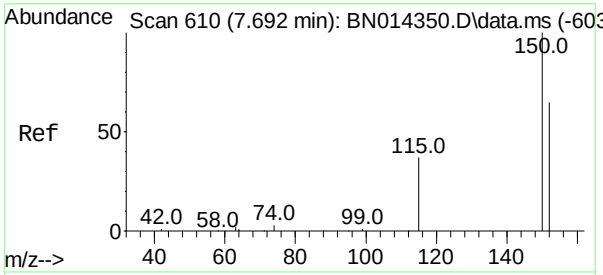
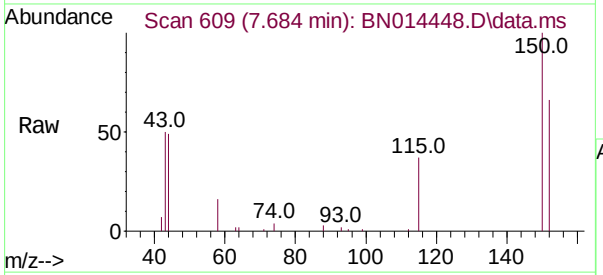
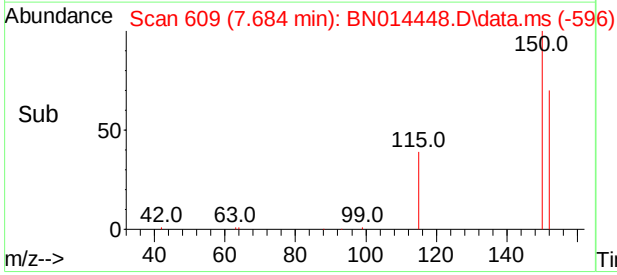


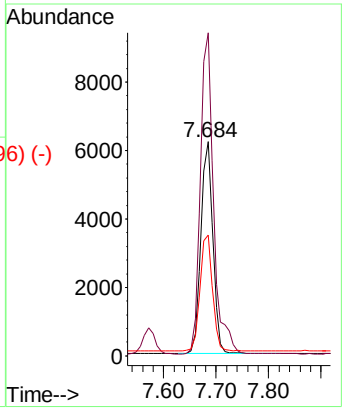
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.684 min Scan# 609
Delta R.T. 0.008 min
Lab File: BN014448.D
Acq: 26 Apr 2021 17:55

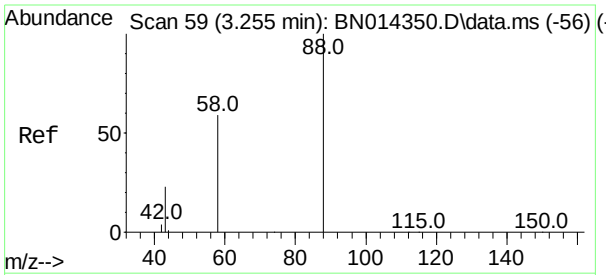
Tgt Ion:152 Resp: 9773

Ion	Ratio	Lower	Upper
152	100		
150	151.0	123.4	185.2
115	56.5	47.5	71.3





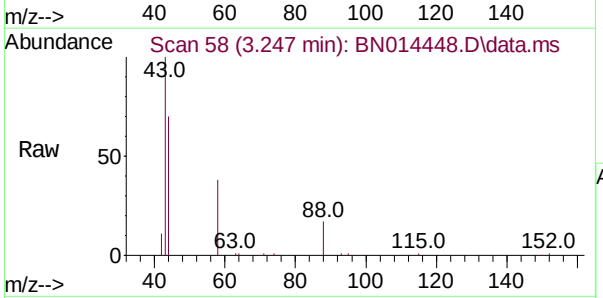


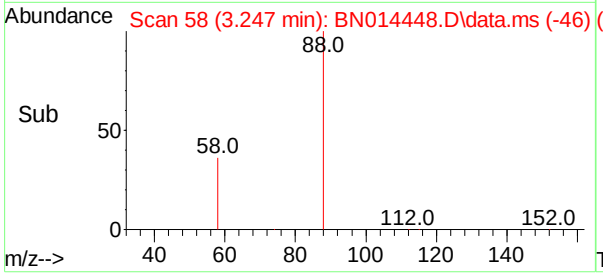


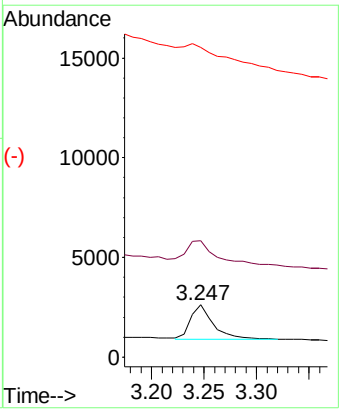
#2
1,4-Dioxane
Concen: 0.22 ng
RT: 3.247 min Scan# 58
Delta R.T. -0.000 min
Lab File: BN014448.D
Acq: 26 Apr 2021 17:55

Tgt Ion: 88 Resp: 2615

Ion	Ratio	Lower	Upper
88	100		
58	98.2	52.2	78.2#
43	0.0	20.6	30.8#







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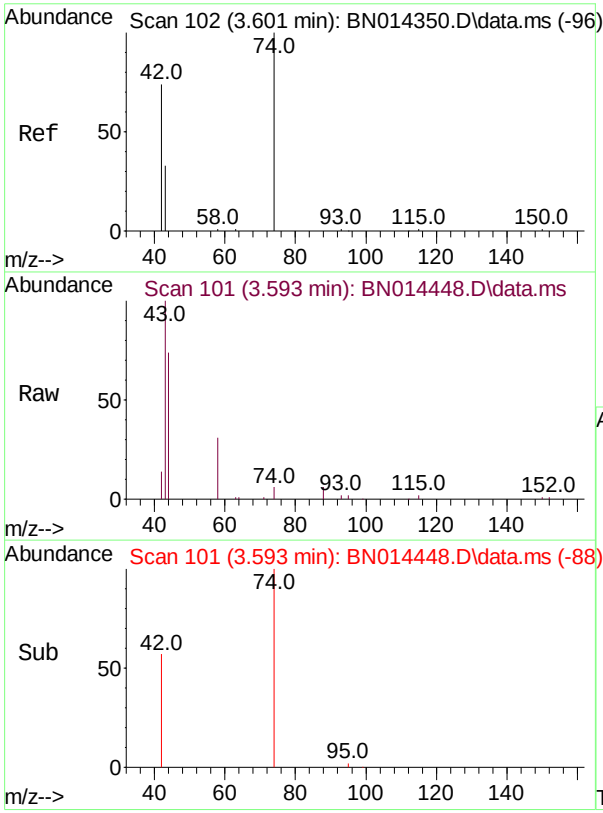
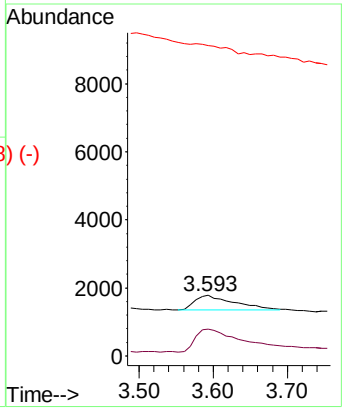
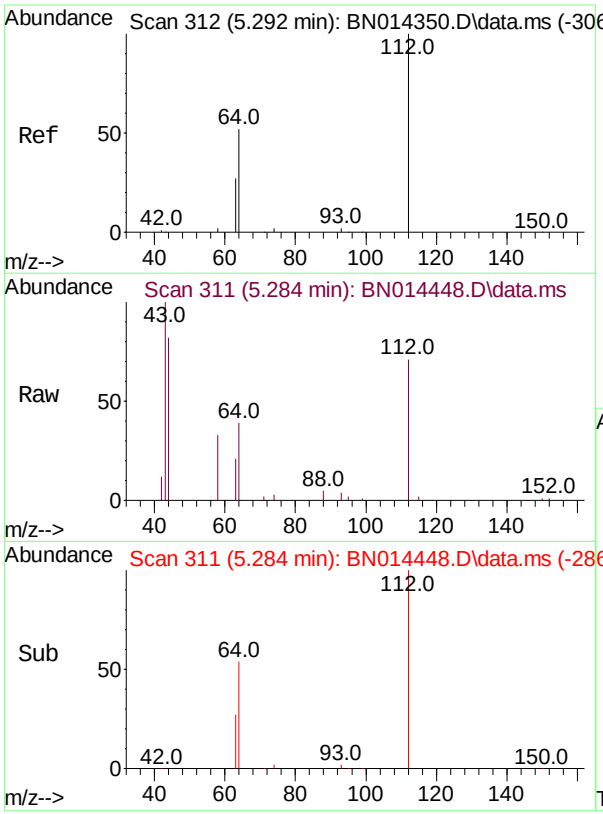


#3
n-Nitrosodimethylamine
Concen: 0.35 ng
RT: 3.593 min Scan# 101
Delta R.T. 0.008 min
Lab File: BN014448.D
Acq: 26 Apr 2021 17:55

Tgt Ion: 42 Resp: 1644

Ion	Ratio	Lower	Upper
42	100		
74	178.1	108.0	162.0#
44	0.0	0.0	0.0

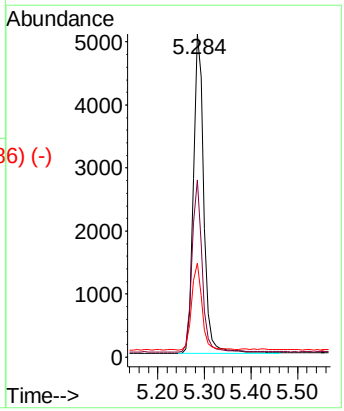




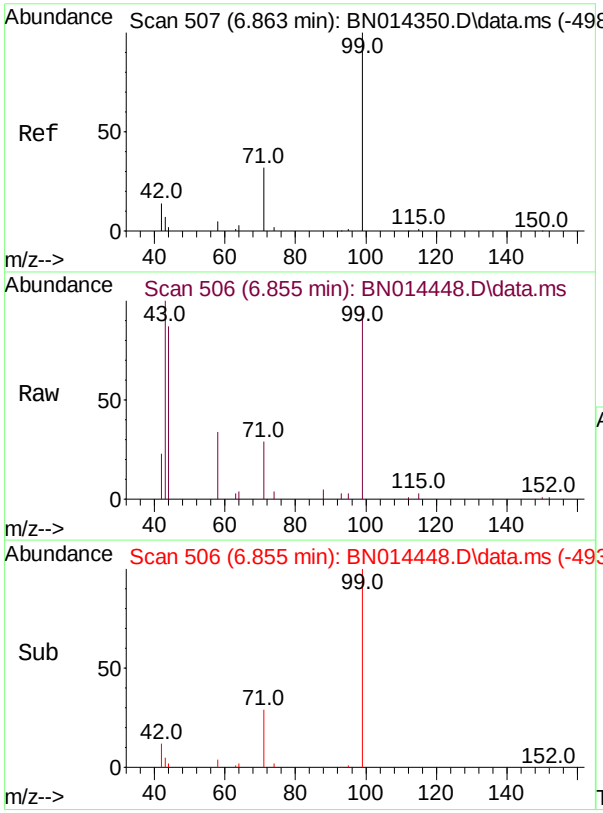
#4
2-Fluorophenol
Concen: 0.40 ng
RT: 5.284 min Scan# 311
Delta R.T. -0.000 min
Lab File: BN014448.D
Acq: 26 Apr 2021 17:55

Tgt Ion:112 Resp: 7967

Ion	Ratio	Lower	Upper
112	100		
64	52.2	43.0	64.6
63	26.6	23.4	35.0



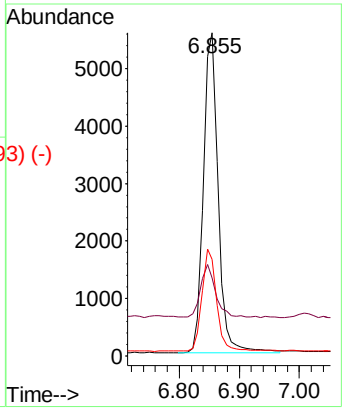
Instrument :
BNA_N
ClientSampleId :
PB135981BS

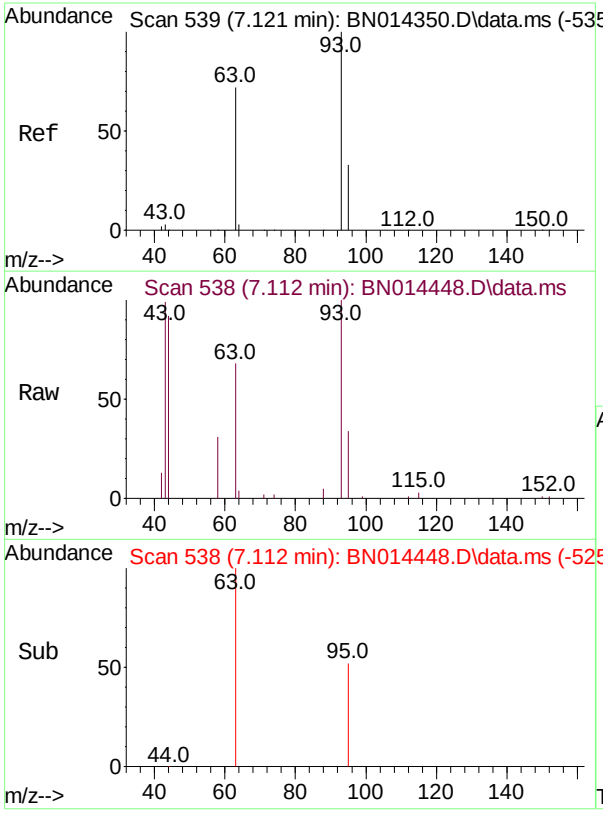


#5
Phenol-d6
Concen: 0.39 ng
RT: 6.855 min Scan# 506
Delta R.T. 0.008 min
Lab File: BN014448.D
Acq: 26 Apr 2021 17:55

Tgt Ion: 99 Resp: 9502

Ion	Ratio	Lower	Upper
99	100		
42	16.3	16.0	24.0
71	31.7	27.8	41.8

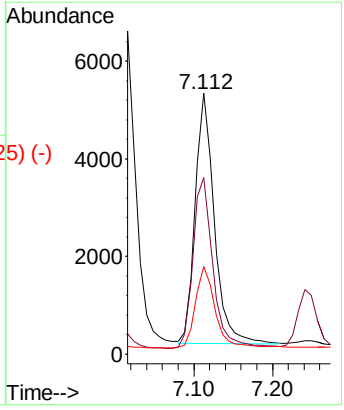




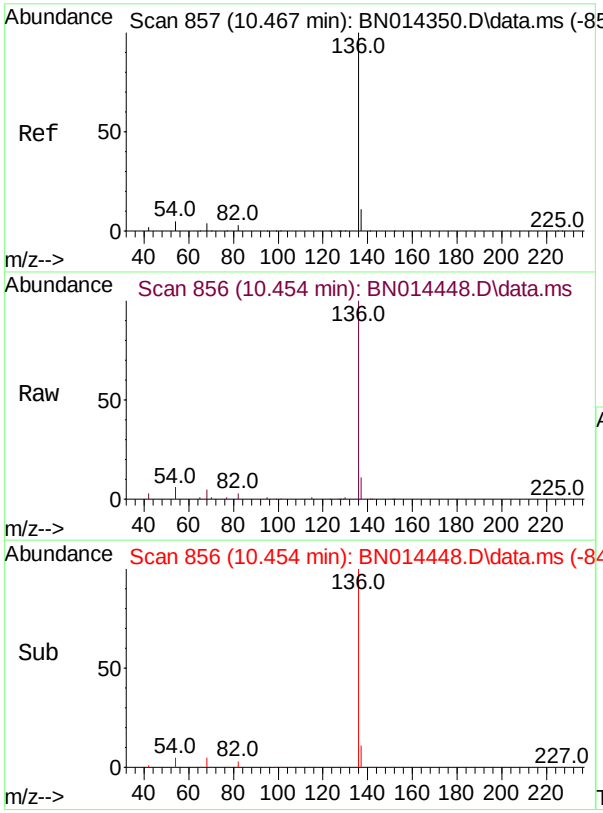
#6
bis(2-Chloroethyl)ether
Concen: 0.36 ng
RT: 7.112 min Scan# 538
Delta R.T. 0.008 min
Lab File: BN014448.D
Acq: 26 Apr 2021 17:55

Tgt Ion: 93 Resp: 8602

Ion	Ratio	Lower	Upper
93	100		
63	71.7	59.4	89.2
95	34.2	27.0	40.4



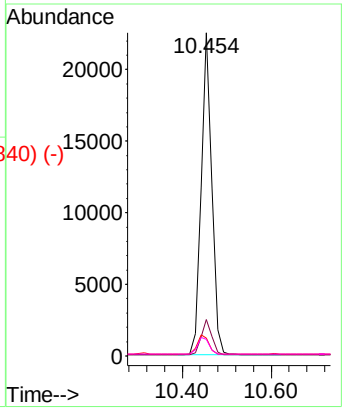
Instrument :
BNA_N
ClientSampleId :
PB135981BS

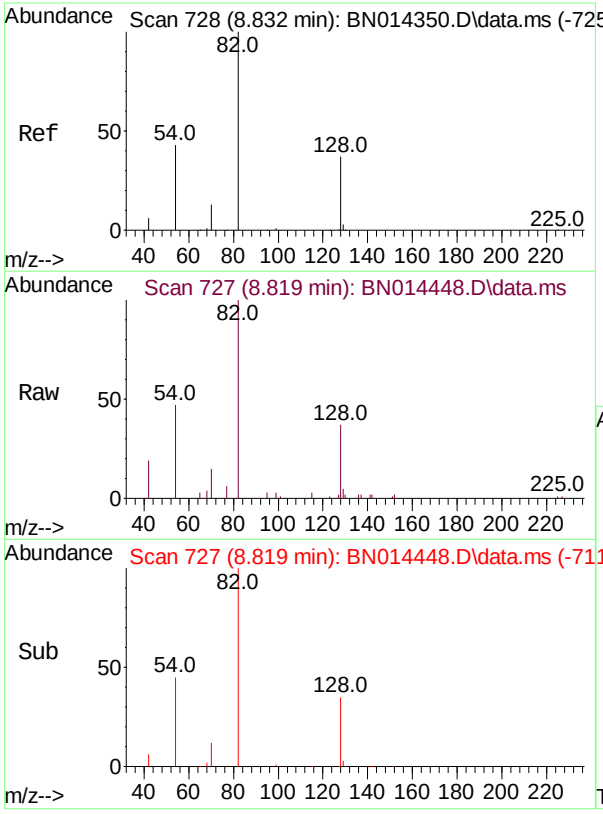


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.454 min Scan# 856
Delta R.T. -0.000 min
Lab File: BN014448.D
Acq: 26 Apr 2021 17:55

Tgt Ion:136 Resp: 37778

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.6
54	5.6	4.4	6.6
68	5.1	3.9	5.9

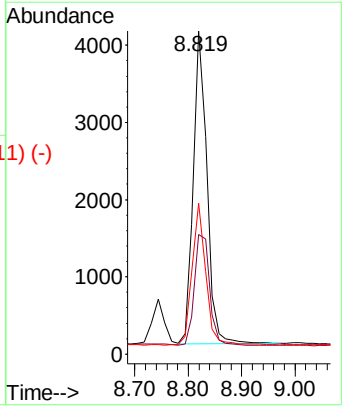




#8
Nitrobenzene-d5
Concen: 0.22 ng
RT: 8.819 min Scan# 727
Delta R.T. -0.000 min
Lab File: BN014448.D
Acq: 26 Apr 2021 17:55

Tgt Ion: 82 Resp: 7127

Ion	Ratio	Lower	Upper
82	100		
128	36.9	30.3	45.5
54	46.8	35.8	53.8



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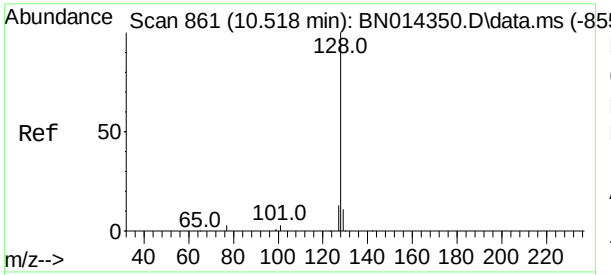
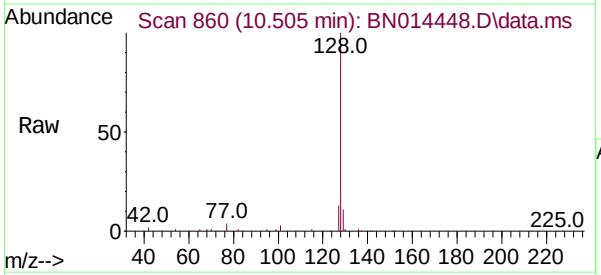
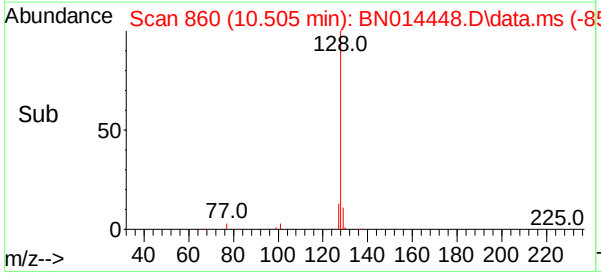


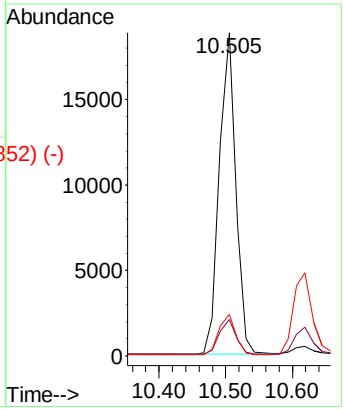
#9
Naphthalene
Concen: 0.34 ng
RT: 10.505 min Scan# 860
Delta R.T. -0.000 min
Lab File: BN014448.D
Acq: 26 Apr 2021 17:55

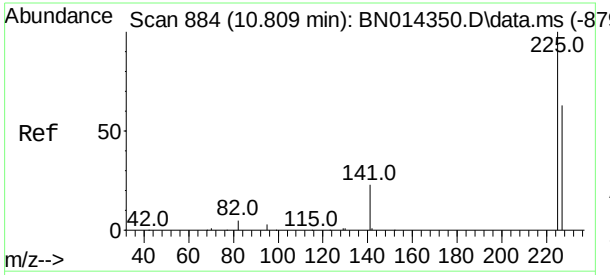
Tgt Ion:128 Resp: 32026

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.6
127	12.9	10.3	15.5





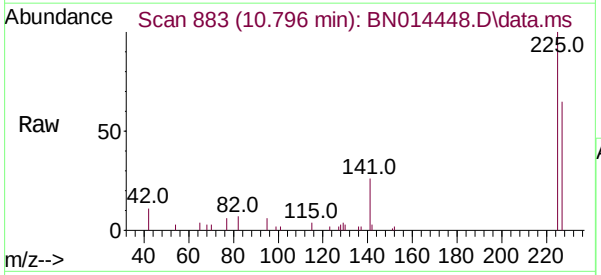


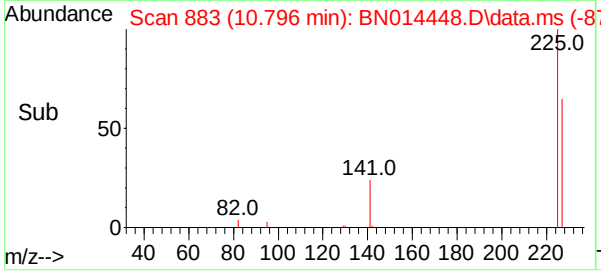


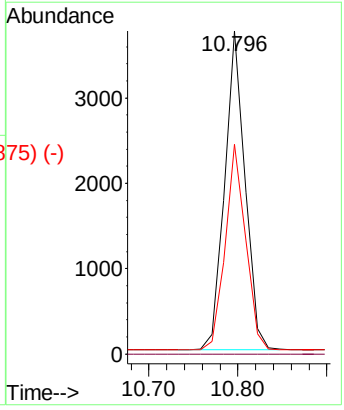
#10
Hexachlorobutadiene
Concen: 0.29 ng
RT: 10.796 min Scan# 883
Delta R.T. -0.000 min
Lab File: BN014448.D
Acq: 26 Apr 2021 17:55

Tgt Ion:225 Resp: 5918

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.5	50.6	75.8







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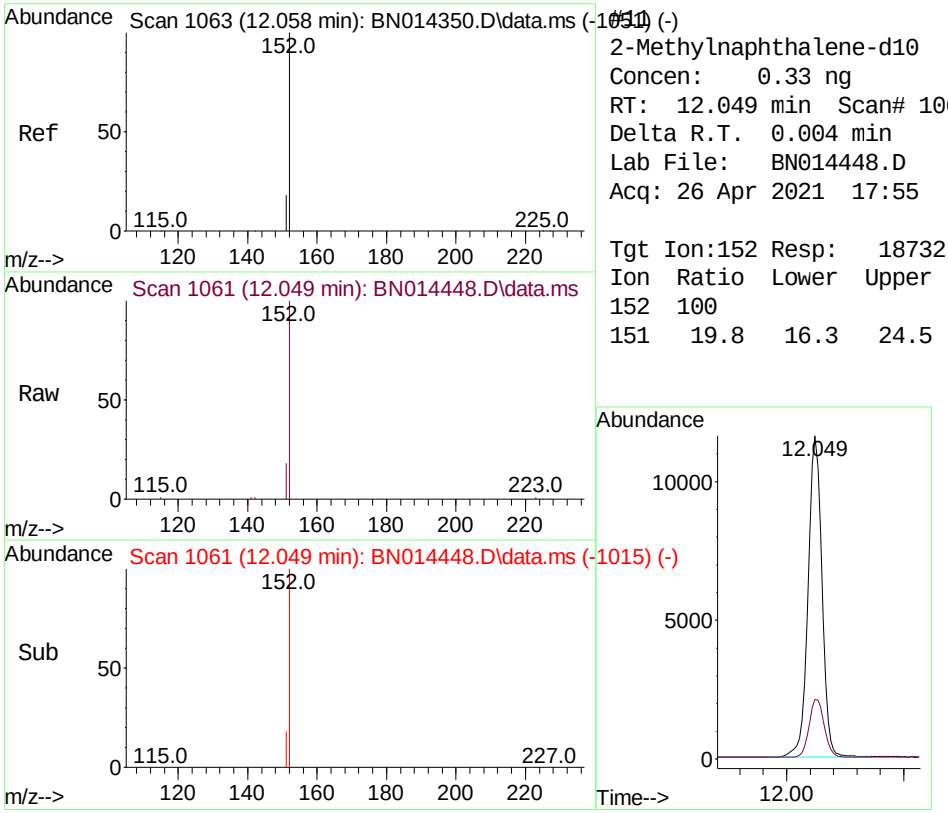
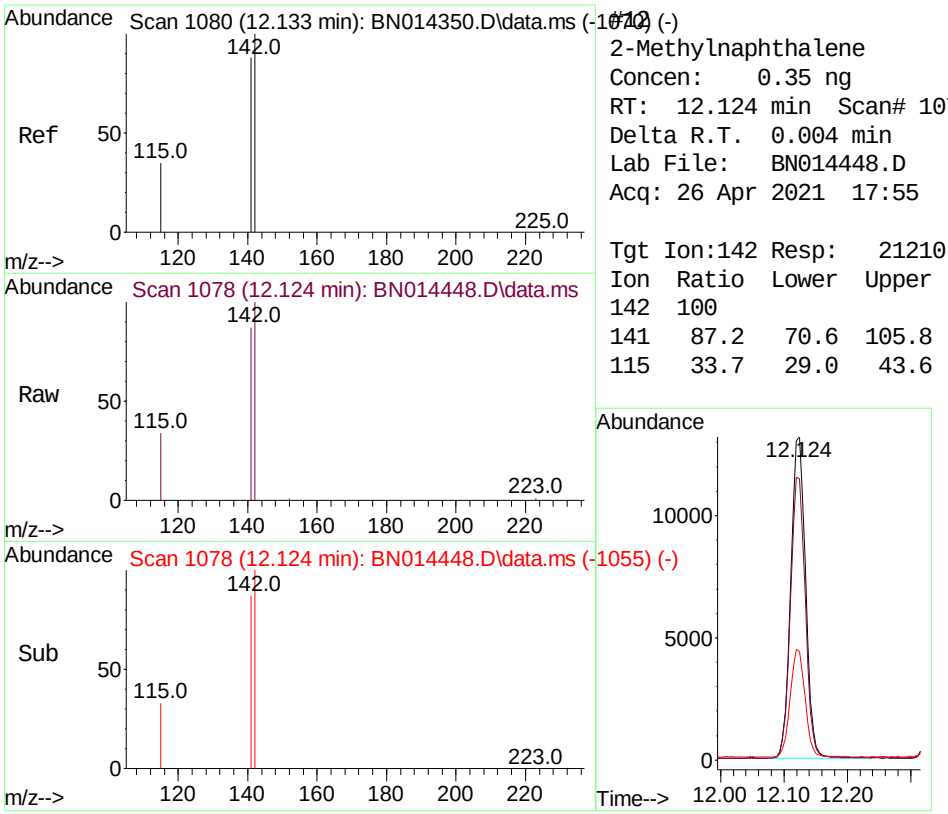


#11
2-Methylnaphthalene-d10
Concen: 0.33 ng
RT: 12.049 min Scan# 1061
Delta R.T. 0.004 min
Lab File: BN014448.D
Acq: 26 Apr 2021 17:55

Tgt Ion:152 Resp: 18732

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.3	24.5



#12
2-Methylnaphthalene
Concen: 0.35 ng
RT: 12.124 min Scan# 1078
Delta R.T. 0.004 min
Lab File: BN014448.D
Acq: 26 Apr 2021 17:55

Tgt Ion:142 Resp: 21210

Ion	Ratio	Lower	Upper
142	100		
141	87.2	70.6	105.8
115	33.7	29.0	43.6

Instrument :
BNA_N
ClientSampleId :
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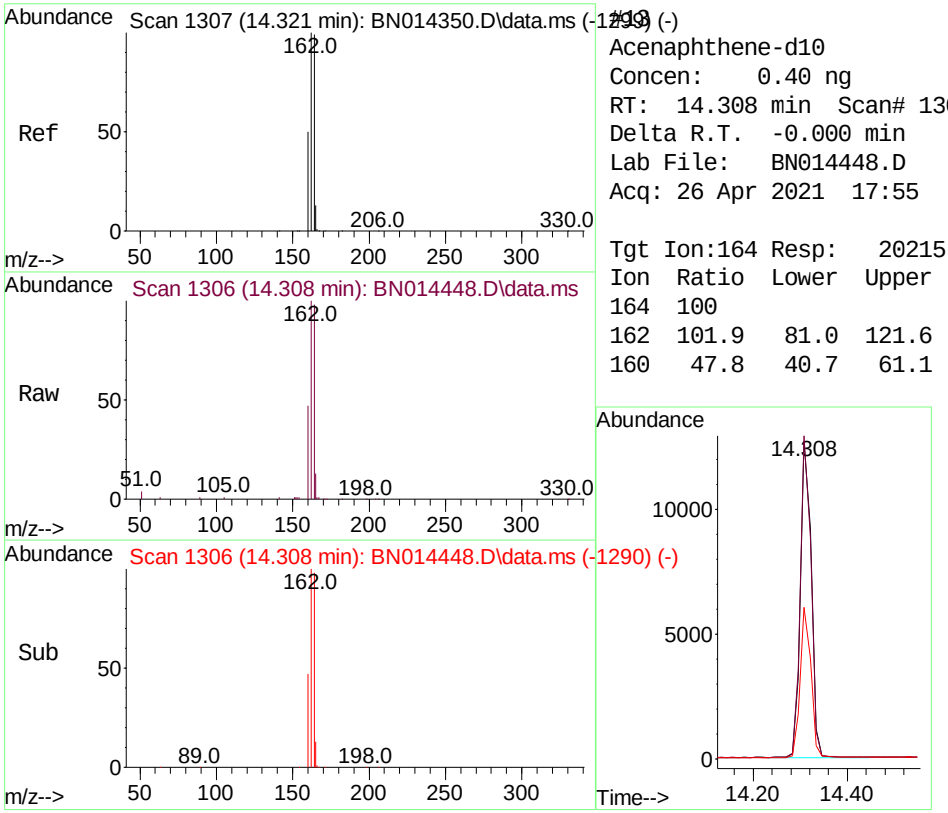
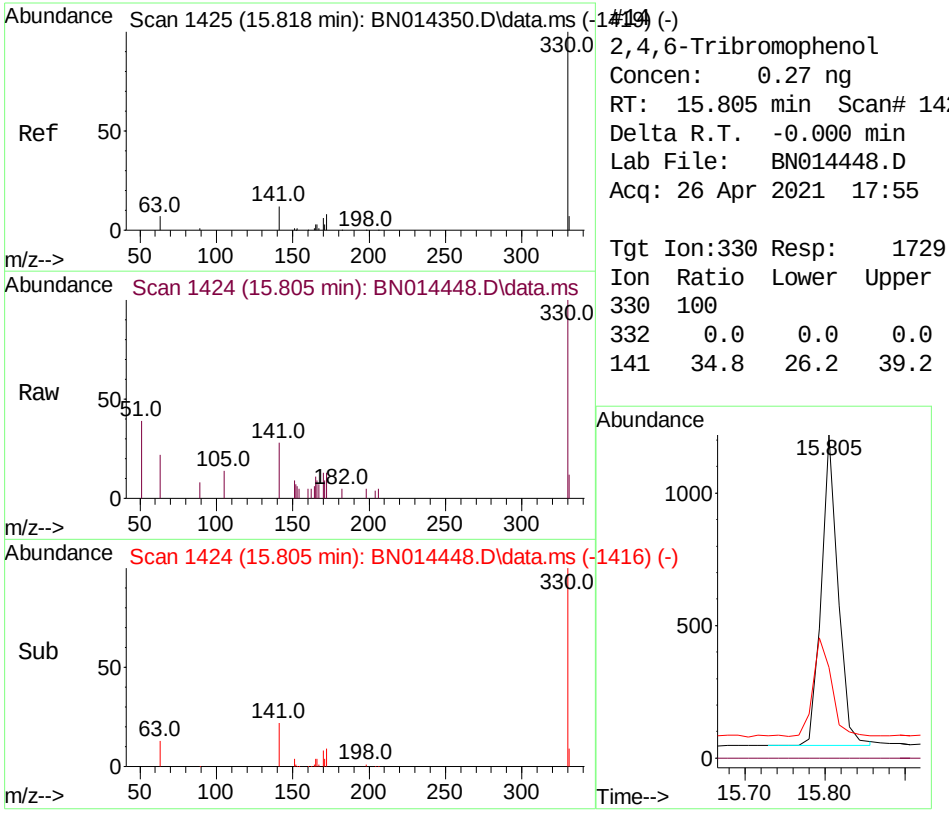


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.308 min Scan# 1306
Delta R.T. -0.000 min
Lab File: BN014448.D
Acq: 26 Apr 2021 17:55

Tgt Ion:164 Resp: 20215

Ion	Ratio	Lower	Upper
164	100		
162	101.9	81.0	121.6
160	47.8	40.7	61.1

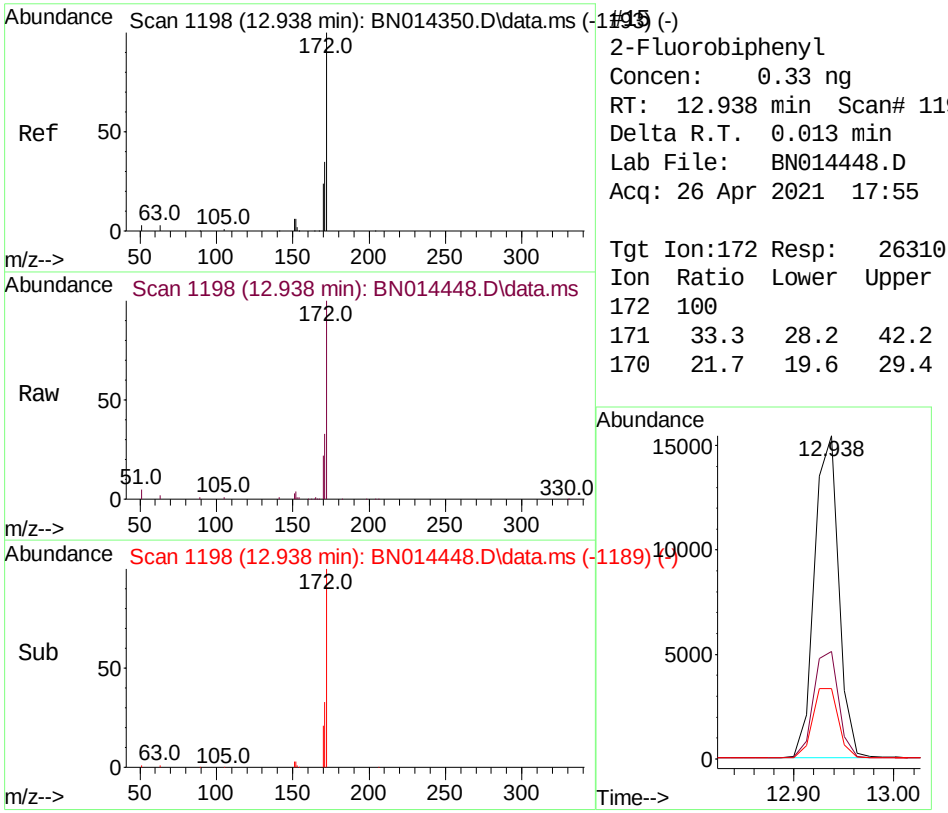


#14
2,4,6-Tribromophenol
Concen: 0.27 ng
RT: 15.805 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BN014448.D
Acq: 26 Apr 2021 17:55

Tgt Ion:330 Resp: 1729

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	34.8	26.2	39.2

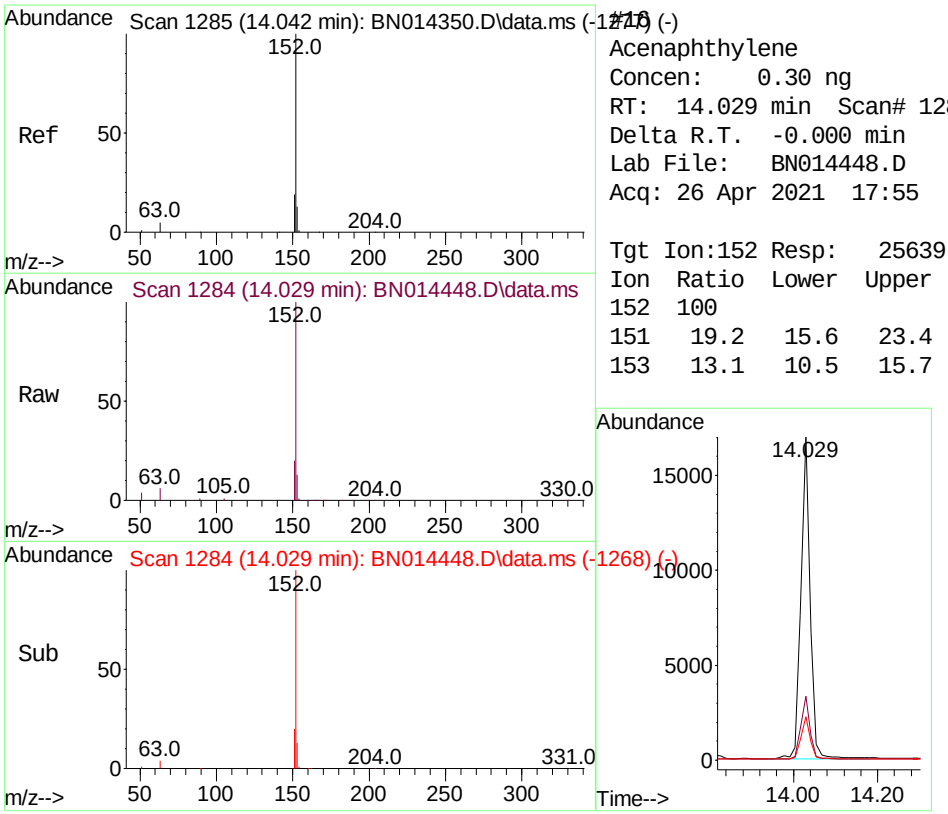
Instrument :
BNA_N
ClientSampleId :
PB135981BS



2-Fluorobiphenyl
Concen: 0.33 ng
RT: 12.938 min Scan# 1198
Delta R.T. 0.013 min
Lab File: BN014448.D
Acq: 26 Apr 2021 17:55

Tgt Ion:172 Resp: 26310

Ion	Ratio	Lower	Upper
172	100		
171	33.3	28.2	42.2
170	21.7	19.6	29.4

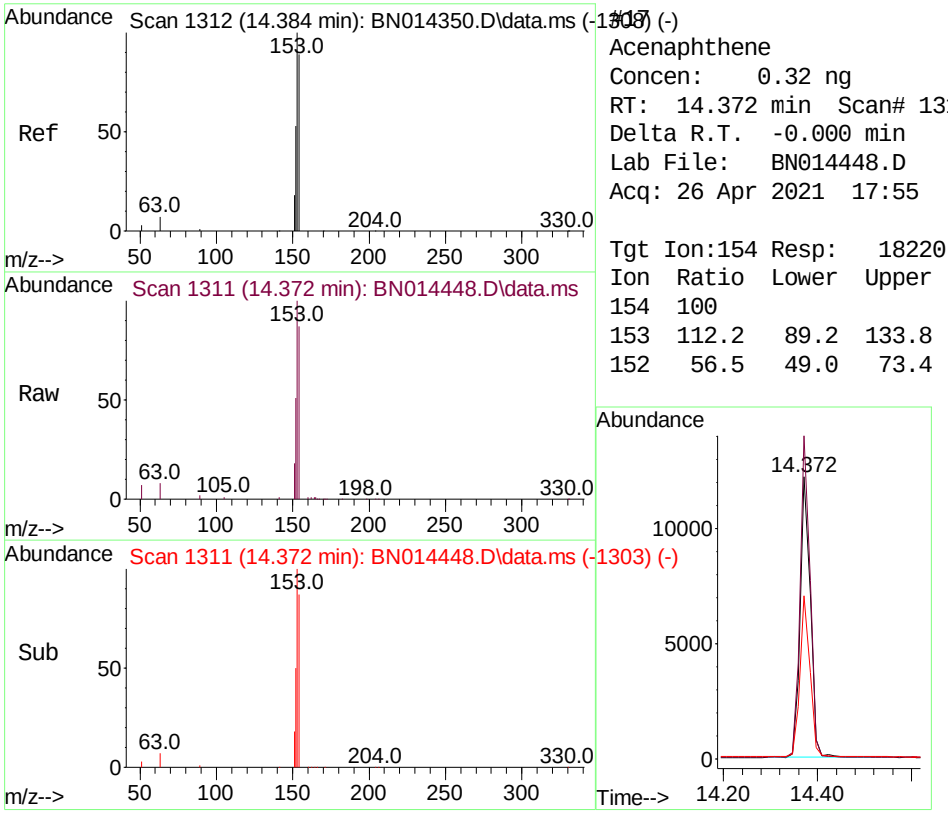


Acenaphthylene
Concen: 0.30 ng
RT: 14.029 min Scan# 1284
Delta R.T. -0.000 min
Lab File: BN014448.D
Acq: 26 Apr 2021 17:55

Tgt Ion:152 Resp: 25639

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.6	23.4
153	13.1	10.5	15.7

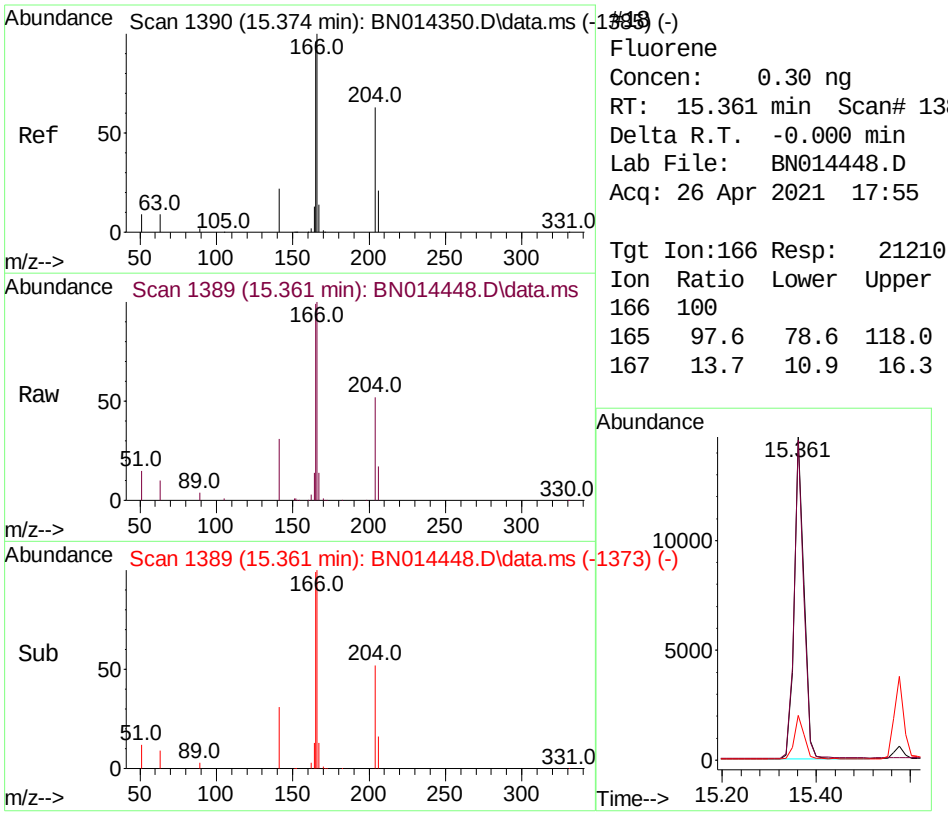
Instrument :
BNA_N
ClientSampleId :
PB135981BS



#17
Acenaphthene
Concen: 0.32 ng
RT: 14.372 min Scan# 1311
Delta R.T. -0.000 min
Lab File: BN014448.D
Acq: 26 Apr 2021 17:55

Tgt Ion:154 Resp: 18220

Ion	Ratio	Lower	Upper
154	100		
153	112.2	89.2	133.8
152	56.5	49.0	73.4

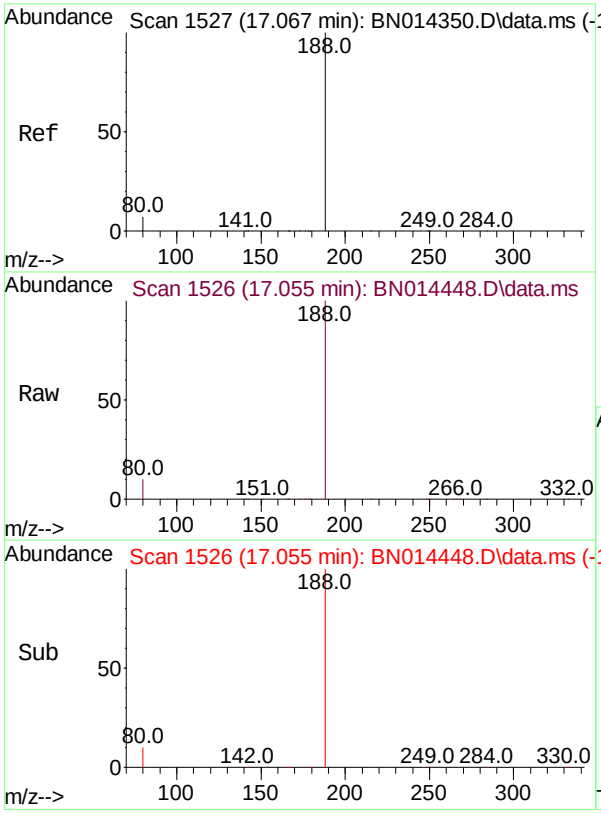


#18
Fluorene
Concen: 0.30 ng
RT: 15.361 min Scan# 1389
Delta R.T. -0.000 min
Lab File: BN014448.D
Acq: 26 Apr 2021 17:55

Tgt Ion:166 Resp: 21210

Ion	Ratio	Lower	Upper
166	100		
165	97.6	78.6	118.0
167	13.7	10.9	16.3

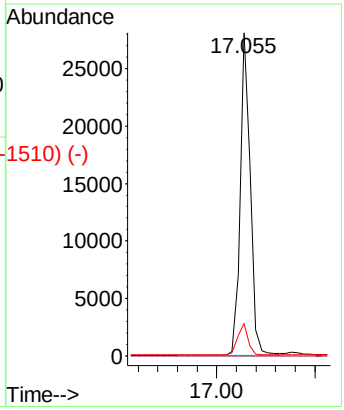
Instrument :
BNA_N
ClientSampleId :
PB135981BS

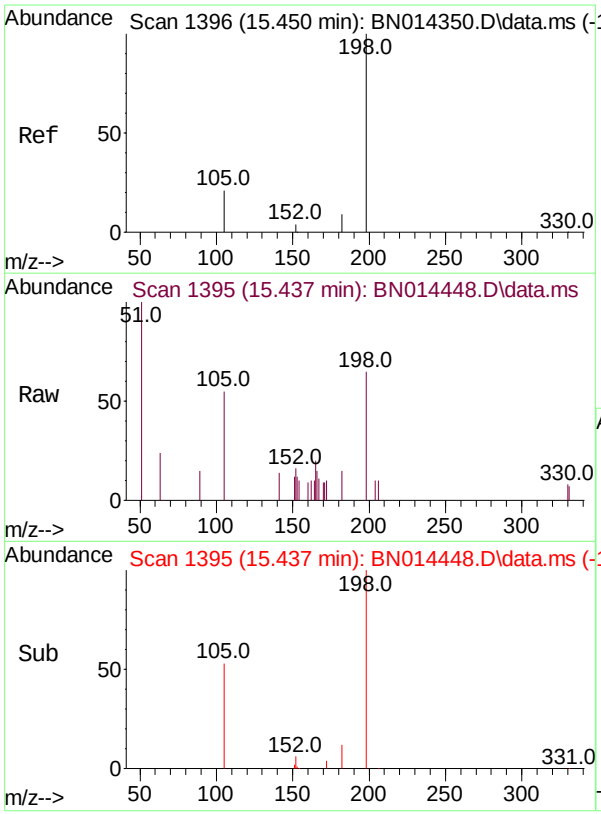


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.055 min Scan# 1526
Delta R.T. -0.000 min
Lab File: BN014448.D
Acq: 26 Apr 2021 17:55

Tgt Ion:188 Resp: 40574

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.2	6.2	9.4#

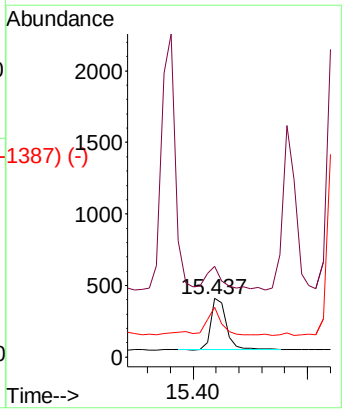




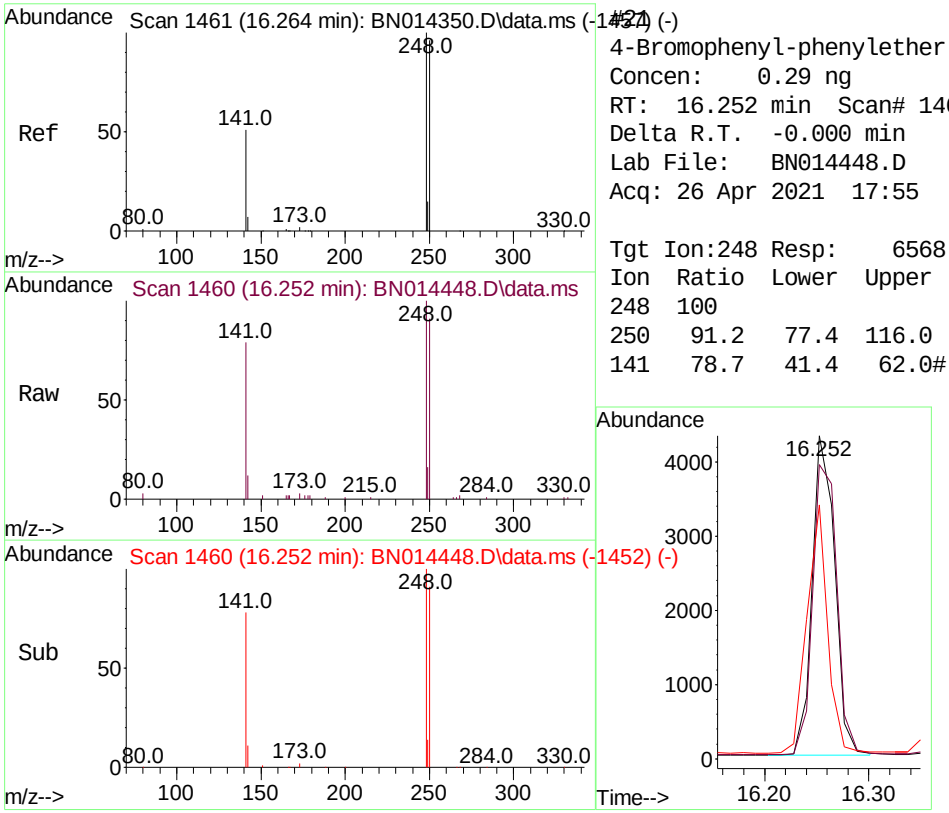
#20
4,6-Dinitro-2-methylphenol
Concen: 0.15 ng
RT: 15.437 min Scan# 1395
Delta R.T. -0.000 min
Lab File: BN014448.D
Acq: 26 Apr 2021 17:55

Tgt Ion:198 Resp: 680

Ion	Ratio	Lower	Upper
198	100		
51	154.4	60.0	90.0#
105	84.4	31.5	47.3#



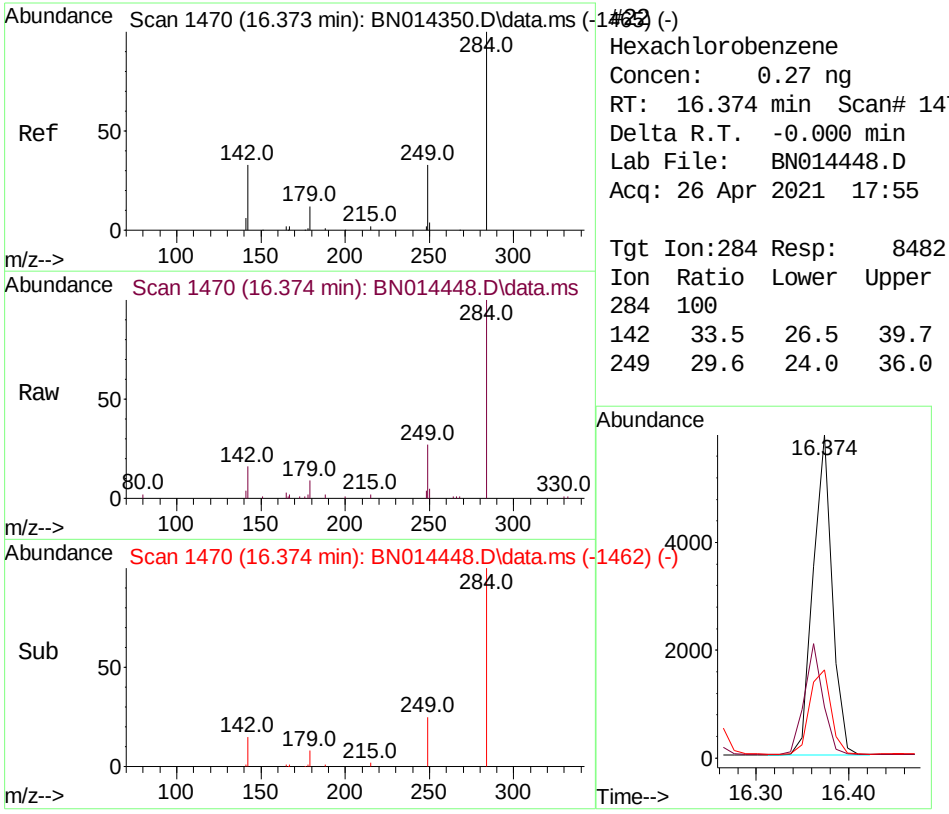
Instrument :
BNA_N
ClientSampleId :
PB135981BS



#21
4-Bromophenyl-phenylether
Concen: 0.29 ng
RT: 16.252 min Scan# 1460
Delta R.T. -0.000 min
Lab File: BN014448.D
Acq: 26 Apr 2021 17:55

Tgt Ion:248 Resp: 6568

Ion	Ratio	Lower	Upper
248	100		
250	91.2	77.4	116.0
141	78.7	41.4	62.0#

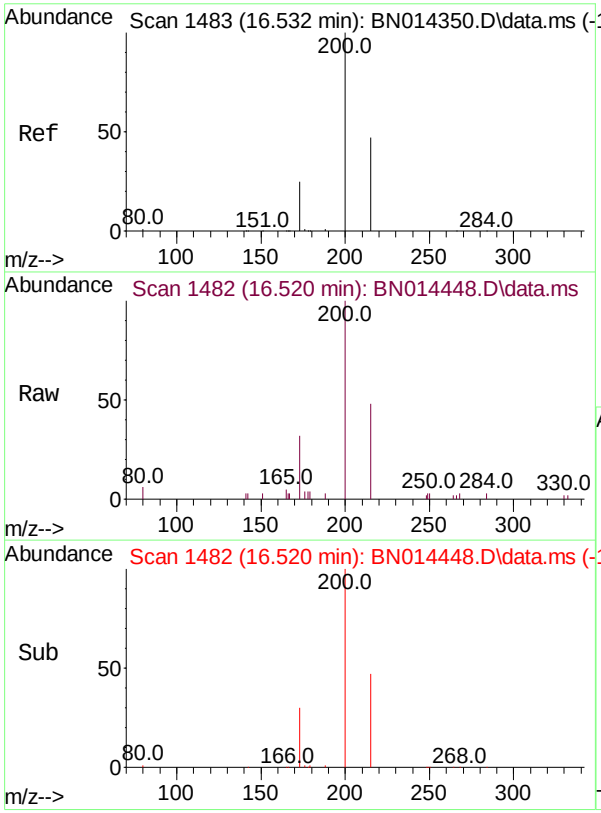


#22
Hexachlorobenzene
Concen: 0.27 ng
RT: 16.374 min Scan# 1470
Delta R.T. -0.000 min
Lab File: BN014448.D
Acq: 26 Apr 2021 17:55

Tgt Ion:284 Resp: 8482

Ion	Ratio	Lower	Upper
284	100		
142	33.5	26.5	39.7
249	29.6	24.0	36.0

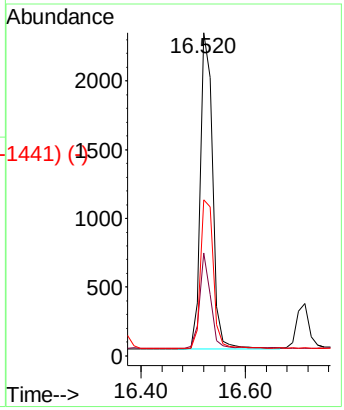
Instrument :
BNA_N
ClientSampleId :
PB135981BS

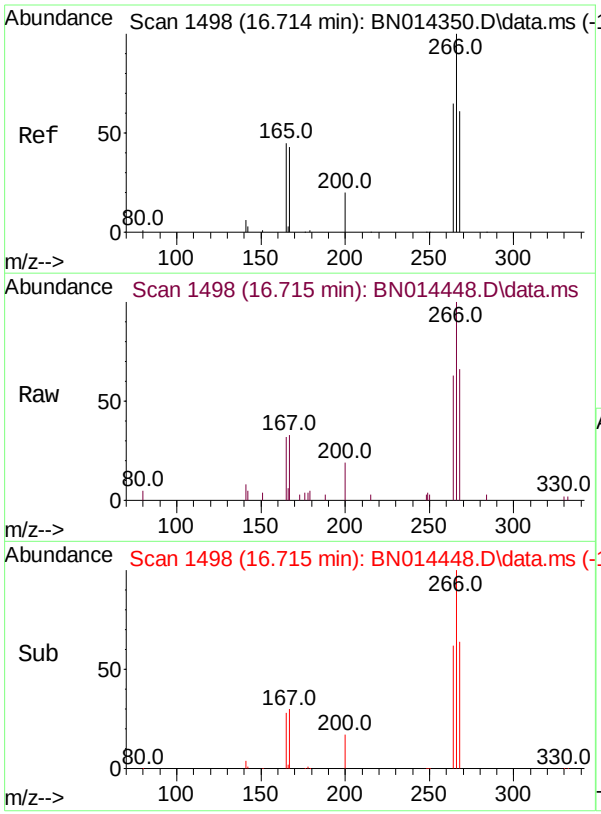


#23
Atrazine
Concen: 0.28 ng
RT: 16.520 min Scan# 1482
Delta R.T. -0.000 min
Lab File: BN014448.D
Acq: 26 Apr 2021 17:55

Tgt Ion:200 Resp: 3714

Ion	Ratio	Lower	Upper
200	100		
173	31.8	21.0	31.6#
215	48.3	38.7	58.1

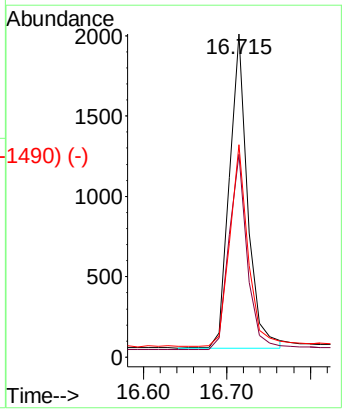




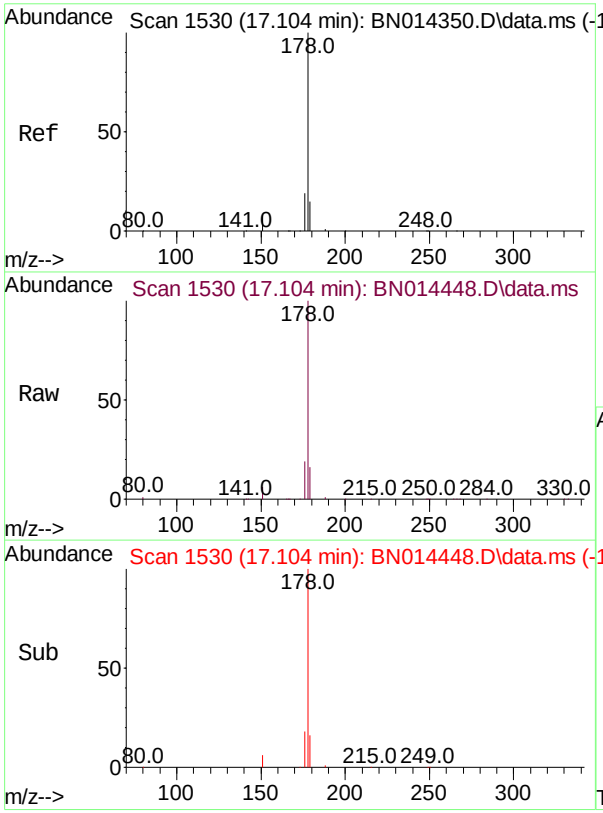
#24
Pentachlorophenol
Concen: 0.52 ng
RT: 16.715 min Scan# 1498
Delta R.T. -0.000 min
Lab File: BN014448.D
Acq: 26 Apr 2021 17:55

Tgt Ion:266 Resp: 2995

Ion	Ratio	Lower	Upper
266	100		
264	63.1	50.6	76.0
268	64.5	51.4	77.0



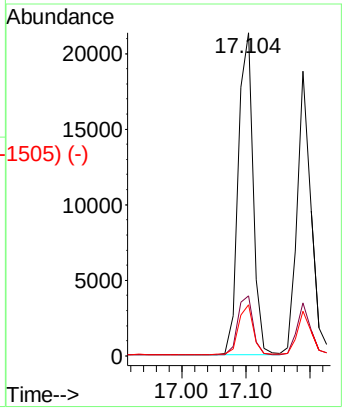
Instrument :
BNA_N
ClientSampleId :
PB135981BS

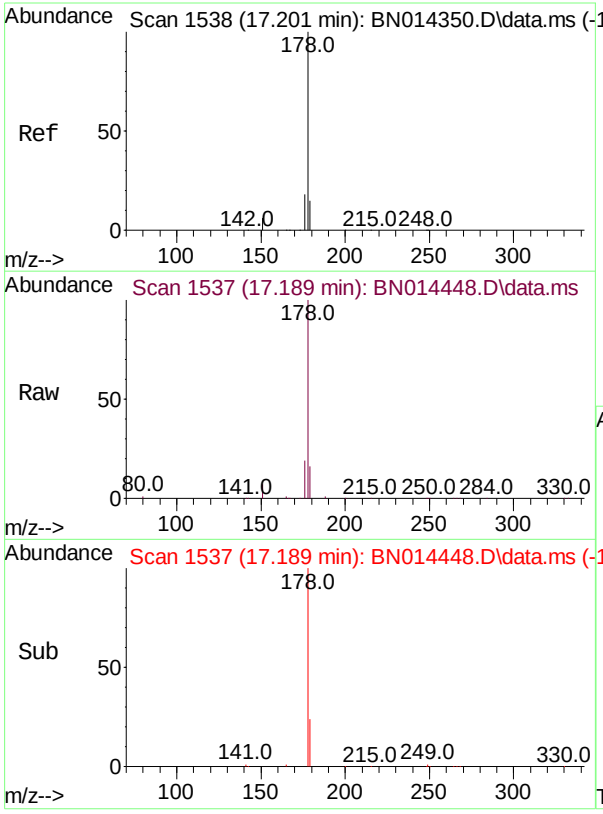


#25
Phenanthrene
Concen: 0.30 ng
RT: 17.104 min Scan# 1530
Delta R.T. -0.000 min
Lab File: BN014448.D
Acq: 26 Apr 2021 17:55

Tgt Ion:178 Resp: 34506

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.2	22.8
179	15.2	12.2	18.4

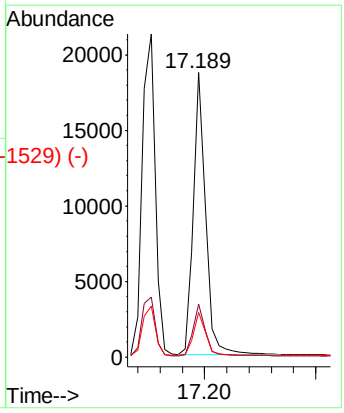




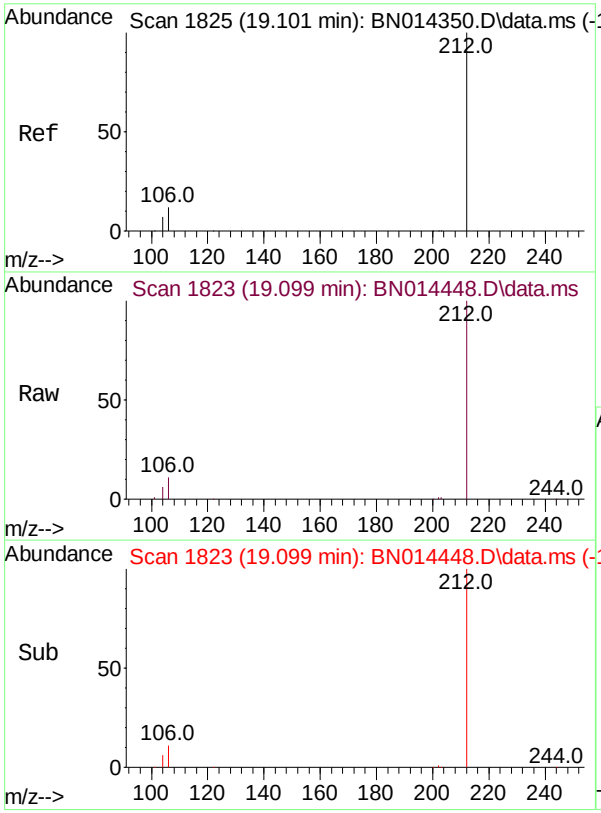
#26
Anthracene
Concen: 0.31 ng
RT: 17.189 min Scan# 1537
Delta R.T. -0.000 min
Lab File: BN014448.D
Acq: 26 Apr 2021 17:55

Tgt Ion:178 Resp: 28111

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.0	22.4
179	15.6	12.2	18.2



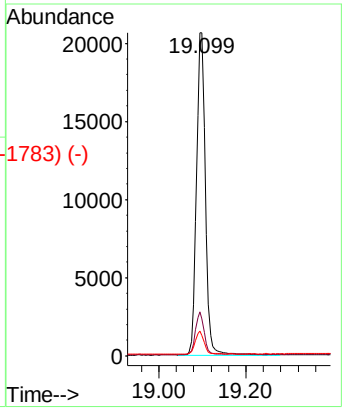
Instrument :
BNA_N
ClientSampleId :
PB135981BS

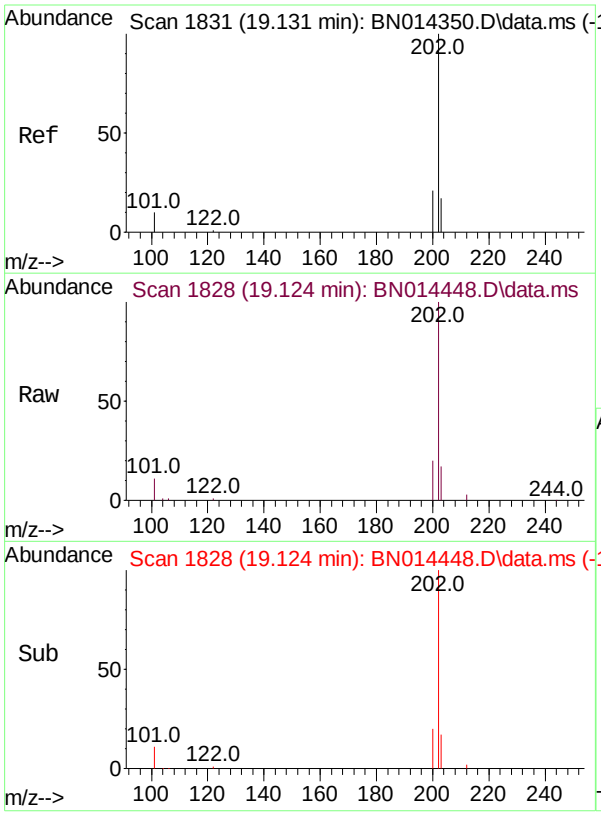


#27
Fluoranthene-d10
Concen: 0.28 ng
RT: 19.099 min Scan# 1823
Delta R.T. -0.000 min
Lab File: BN014448.D
Acq: 26 Apr 2021 17:55

Tgt Ion:212 Resp: 29582

Ion	Ratio	Lower	Upper
212	100		
106	12.7	9.7	14.5
104	6.9	5.4	8.0

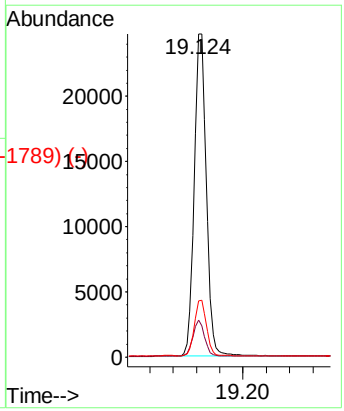




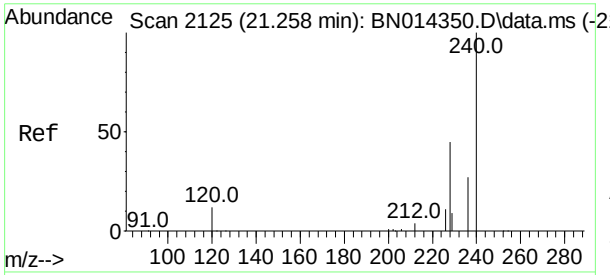
#28
Fluoranthene
Concen: 0.29 ng
RT: 19.124 min Scan# 1828
Delta R.T. -0.005 min
Lab File: BN014448.D
Acq: 26 Apr 2021 17:55

Tgt Ion:202 Resp: 34911

Ion	Ratio	Lower	Upper
202	100		
101	11.0	8.2	12.4
203	17.1	13.8	20.6



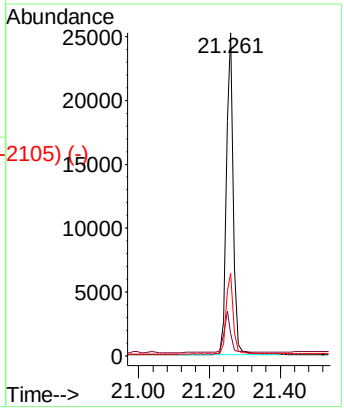
Instrument :
BNA_N
ClientSampleId :
PB135981BS

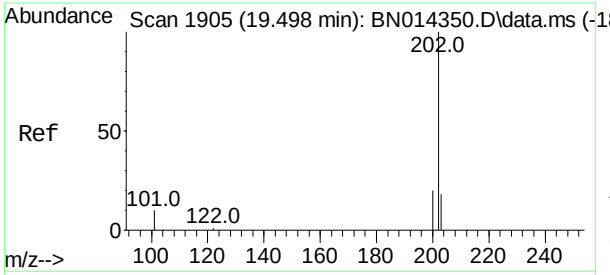


#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.261 min Scan# 2124
Delta R.T. -0.000 min
Lab File: BN014448.D
Acq: 26 Apr 2021 17:55

Tgt Ion:240 Resp: 35290

Ion	Ratio	Lower	Upper
240	100		
120	6.9	10.7	16.1#
236	25.6	21.5	32.3

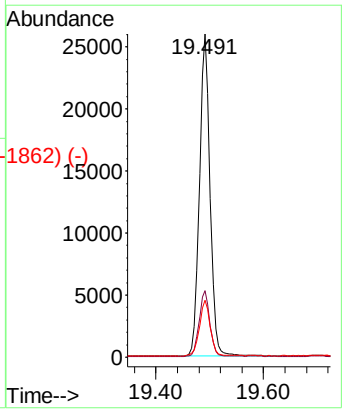




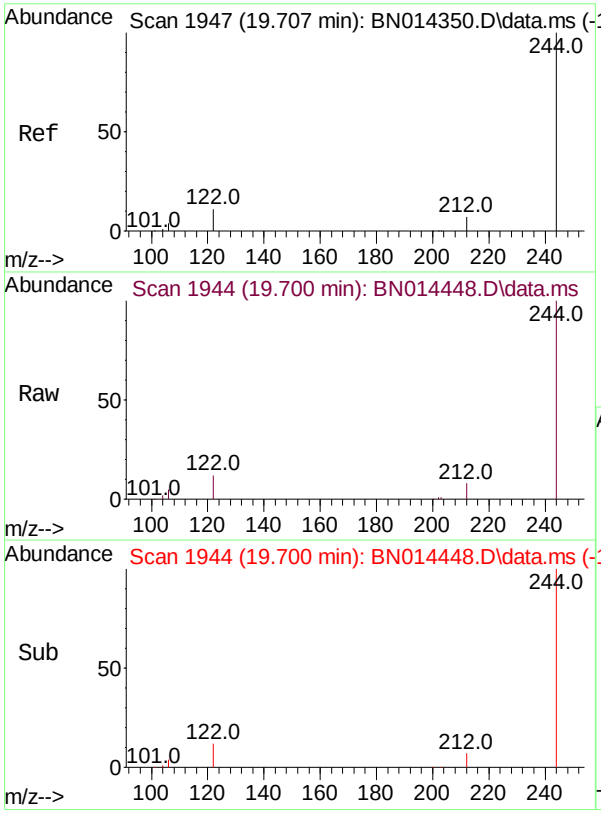
#30
Pyrene
Concen: 0.34 ng
RT: 19.491 min Scan# 1902
Delta R.T. -0.000 min
Lab File: BN014448.D
Acq: 26 Apr 2021 17:55

Tgt Ion:202 Resp: 35360

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.6	24.8
203	17.7	14.1	21.1



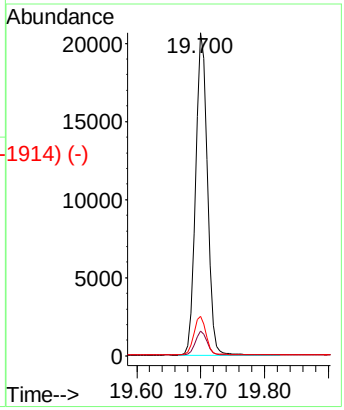
Instrument :
BNA_N
ClientSampleId :
PB135981BS

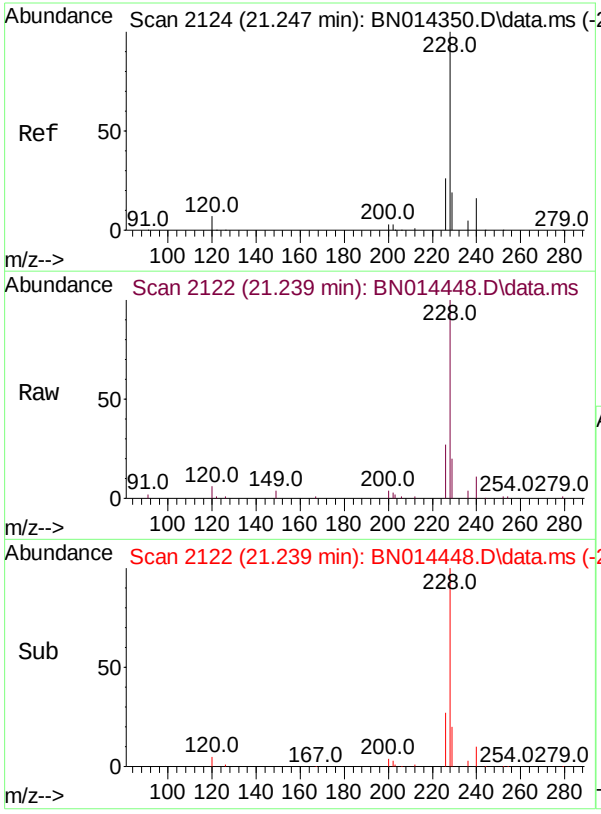


#34
Terphenyl-d14
Concen: 0.35 ng
RT: 19.700 min Scan# 1944
Delta R.T. -0.000 min
Lab File: BN014448.D
Acq: 26 Apr 2021 17:55

Tgt Ion:244 Resp: 26216

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.4
122	12.3	9.3	13.9

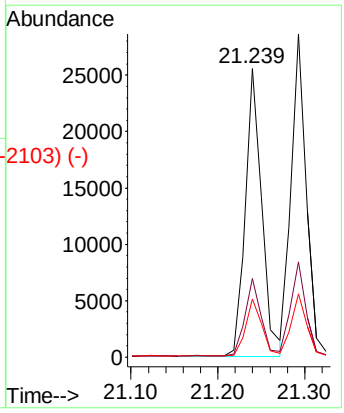




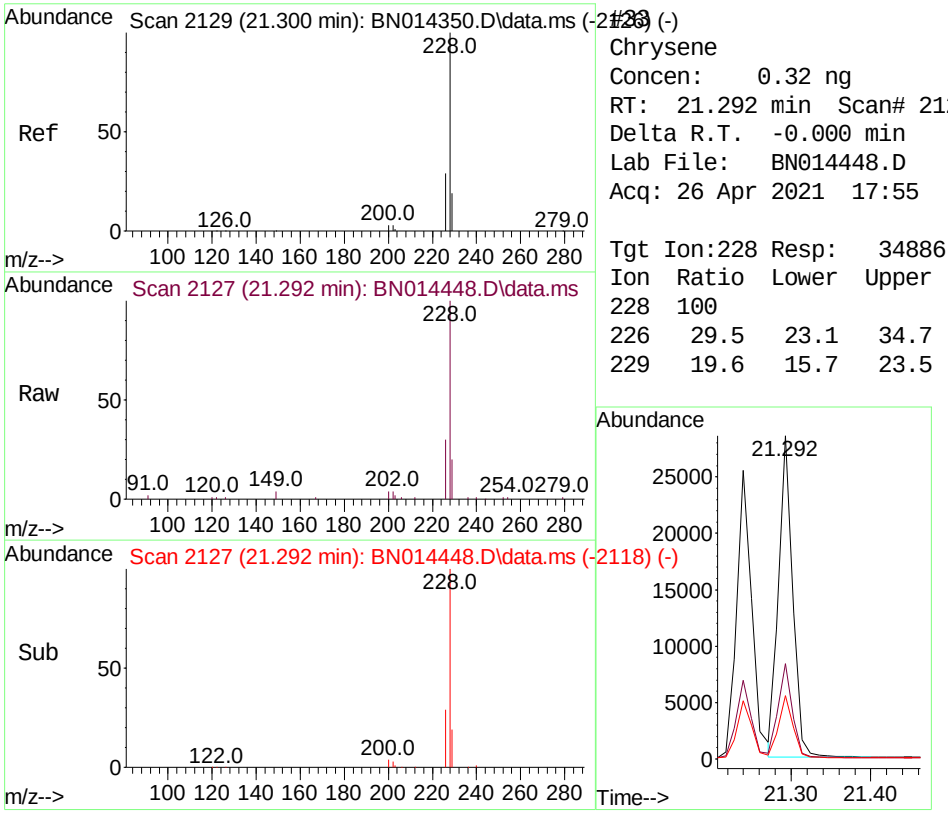
#32
Benzo(a)anthracene
Concen: 0.36 ng
RT: 21.239 min Scan# 2122
Delta R.T. -0.000 min
Lab File: BN014448.D
Acq: 26 Apr 2021 17:55

Tgt Ion:228 Resp: 33671

Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.3	31.9
229	20.0	15.7	23.5



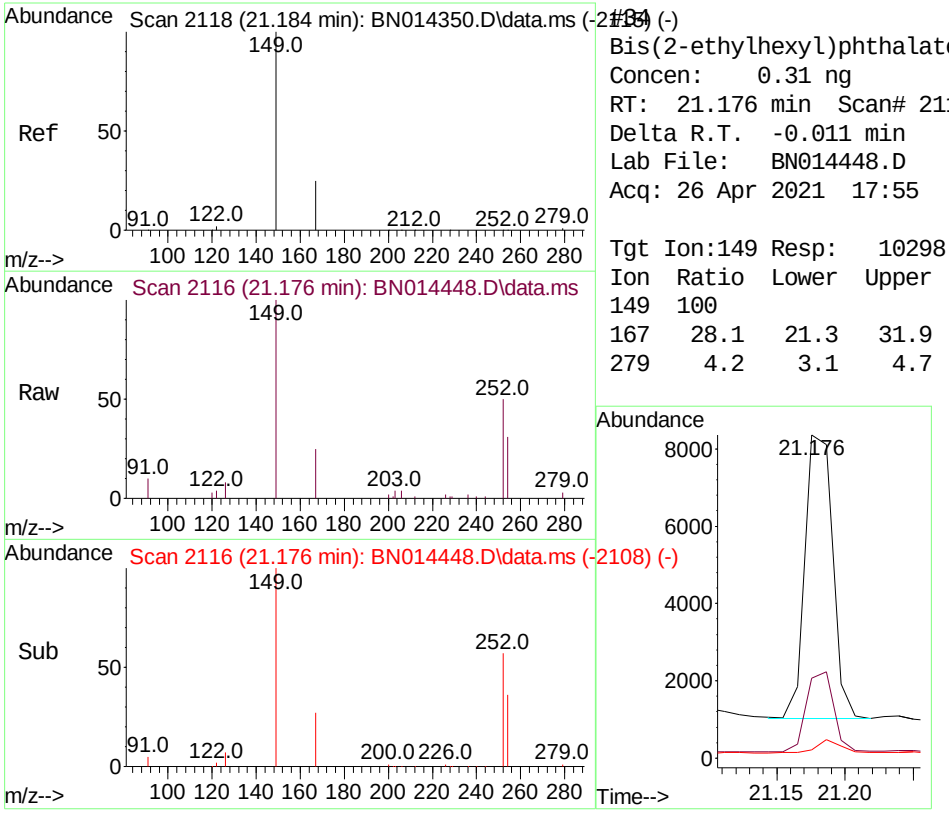
Instrument :
BNA_N
ClientSampleId :
PB135981BS



#33
Chrysene
Concen: 0.32 ng
RT: 21.292 min Scan# 2127
Delta R.T. -0.000 min
Lab File: BN014448.D
Acq: 26 Apr 2021 17:55

Tgt Ion:228 Resp: 34886

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.1	34.7
229	19.6	15.7	23.5

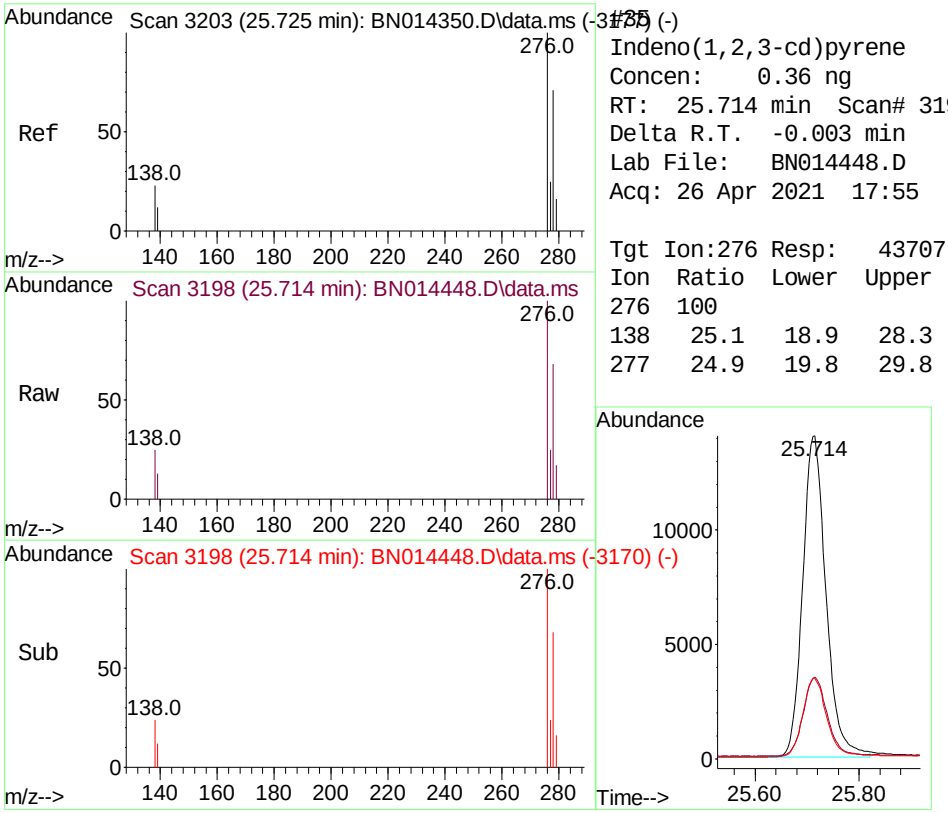


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.31 ng
RT: 21.176 min Scan# 2116
Delta R.T. -0.011 min
Lab File: BN014448.D
Acq: 26 Apr 2021 17:55

Tgt Ion:149 Resp: 10298

Ion	Ratio	Lower	Upper
149	100		
167	28.1	21.3	31.9
279	4.2	3.1	4.7

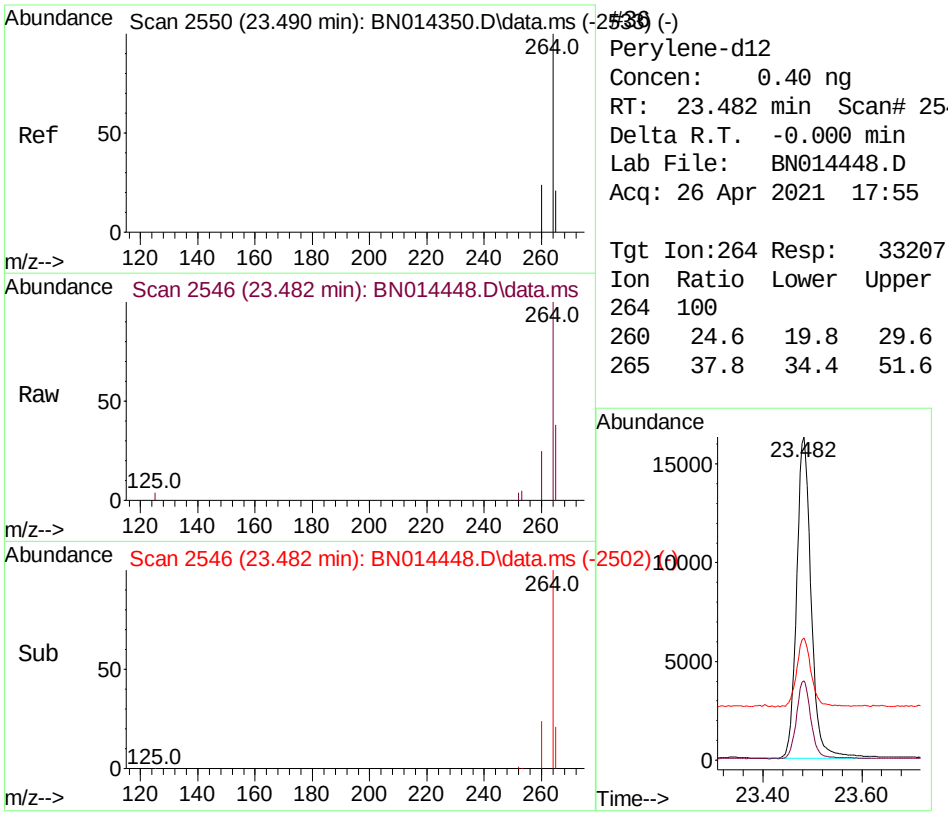
Instrument :
BNA_N
ClientSampleId :
PB135981BS



#35
Indeno(1,2,3-cd)pyrene
Concen: 0.36 ng
RT: 25.714 min Scan# 3198
Delta R.T. -0.003 min
Lab File: BN014448.D
Acq: 26 Apr 2021 17:55

Tgt Ion:276 Resp: 43707

Ion	Ratio	Lower	Upper
276	100		
138	25.1	18.9	28.3
277	24.9	19.8	29.8

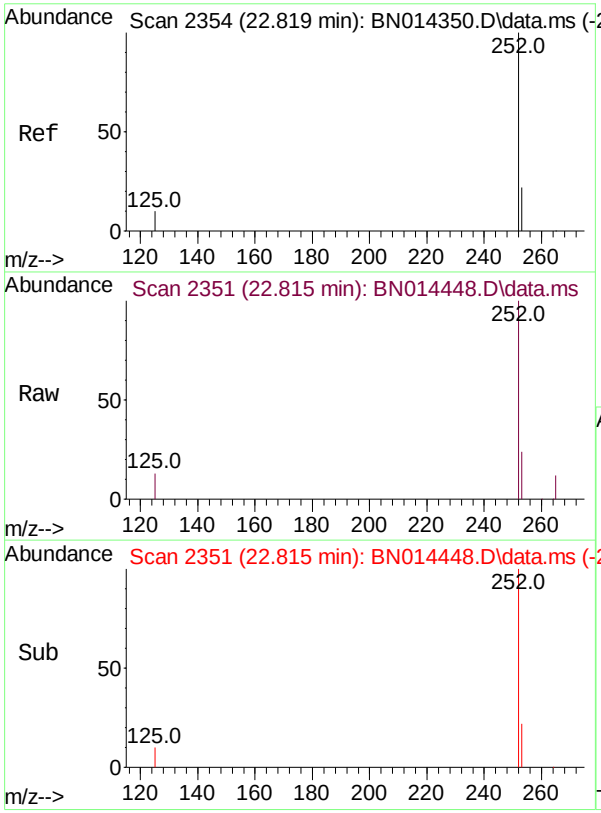


#36
Perylene-d12
Concen: 0.40 ng
RT: 23.482 min Scan# 2546
Delta R.T. -0.000 min
Lab File: BN014448.D
Acq: 26 Apr 2021 17:55

Tgt Ion:264 Resp: 33207

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.8	29.6
265	37.8	34.4	51.6

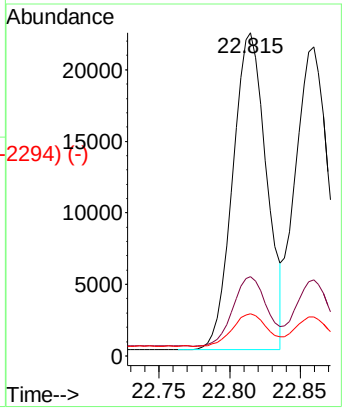
Instrument :
BNA_N
ClientSampleId :
PB135981BS

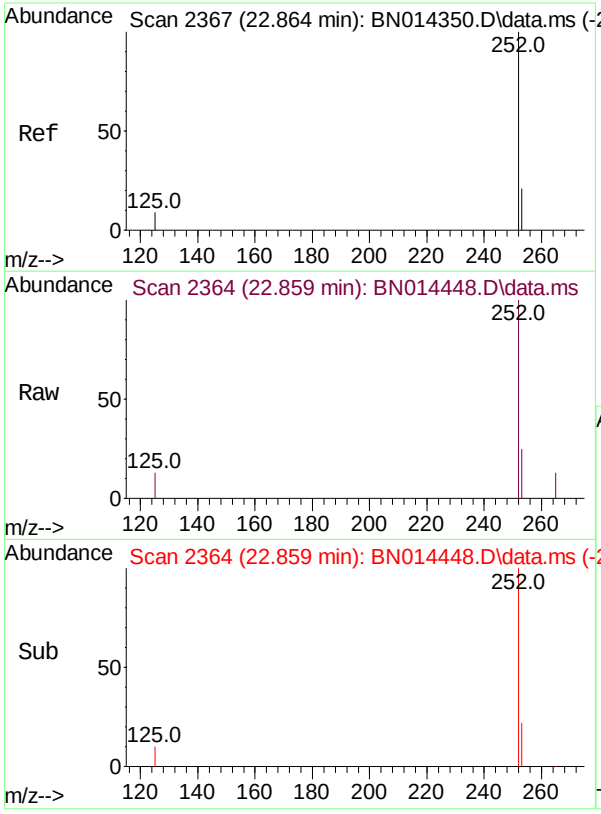


#37
Benzo(b)fluoranthene
Concen: 0.30 ng
RT: 22.815 min Scan# 2351
Delta R.T. -0.003 min
Lab File: BN014448.D
Acq: 26 Apr 2021 17:55

Tgt Ion:252 Resp: 36711

Ion	Ratio	Lower	Upper
252	100		
253	24.5	19.0	28.6
125	13.0	9.7	14.5

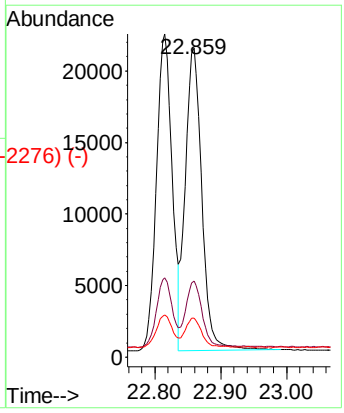




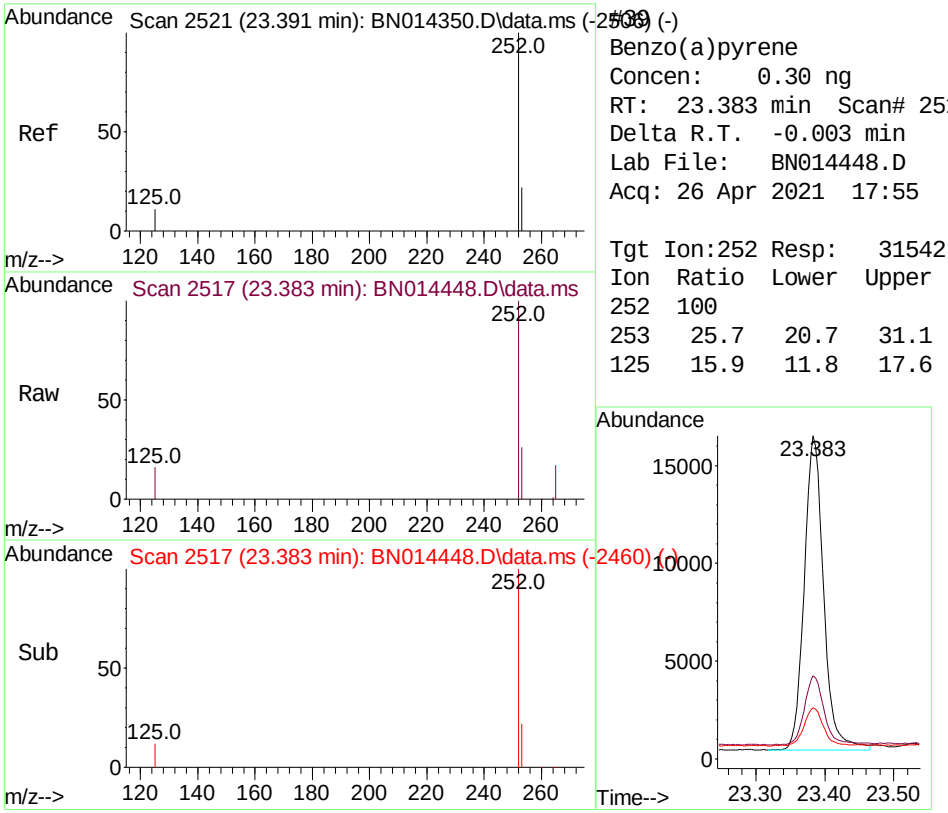
#38
Benzo(k)fluoranthene
Concen: 0.29 ng
RT: 22.859 min Scan# 2364
Delta R.T. -0.000 min
Lab File: BN014448.D
Acq: 26 Apr 2021 17:55

Tgt Ion:252 Resp: 36535

Ion	Ratio	Lower	Upper
252	100		
253	24.6	19.3	28.9
125	12.6	9.4	14.2



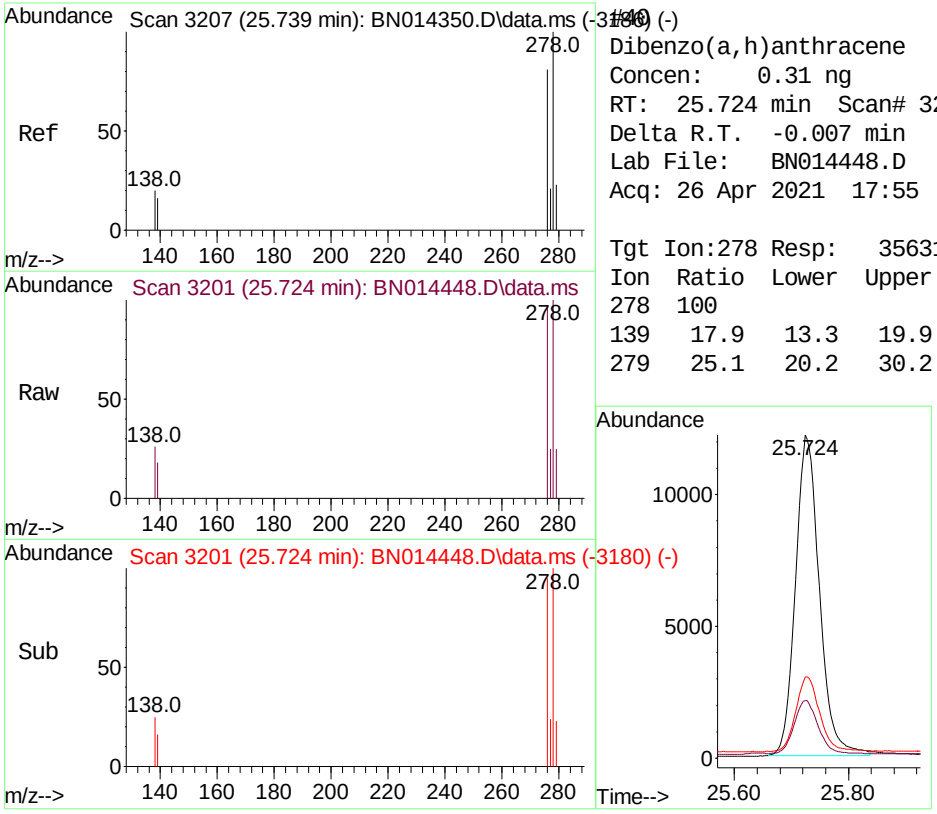
Instrument :
BNA_N
ClientSampleId :
PB135981BS



#39
Benzo(a)pyrene
Concen: 0.30 ng
RT: 23.383 min Scan# 2517
Delta R.T. -0.003 min
Lab File: BN014448.D
Acq: 26 Apr 2021 17:55

Tgt Ion:252 Resp: 31542

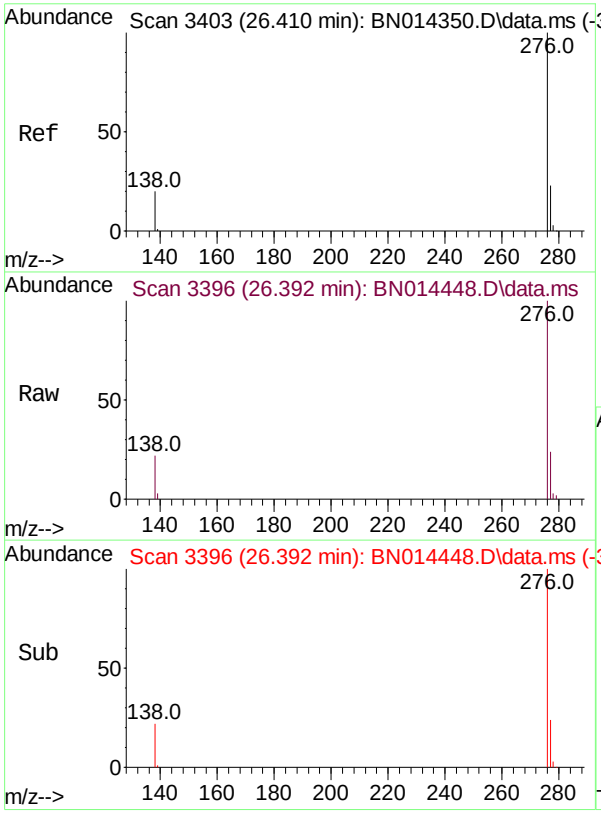
Ion	Ratio	Lower	Upper
252	100		
253	25.7	20.7	31.1
125	15.9	11.8	17.6



#40
Dibenzo(a,h)anthracene
Concen: 0.31 ng
RT: 25.724 min Scan# 3201
Delta R.T. -0.007 min
Lab File: BN014448.D
Acq: 26 Apr 2021 17:55

Tgt Ion:278 Resp: 35631

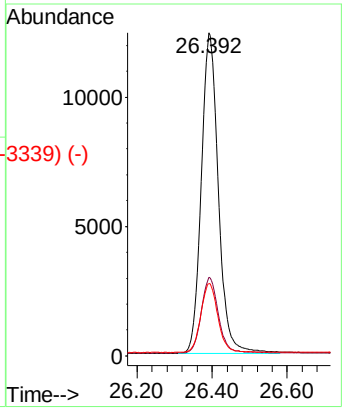
Ion	Ratio	Lower	Upper
278	100		
139	17.9	13.3	19.9
279	25.1	20.2	30.2



#43
Benzo(g,h,i)perylene
Concen: 0.32 ng
RT: 26.392 min Scan# 3396
Delta R.T. -0.003 min
Lab File: BN014448.D
Acq: 26 Apr 2021 17:55

Tgt Ion:276 Resp: 39003

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.1	28.7
138	22.4	16.7	25.1



Instrument :
BNA_N
ClientSampleId :
PB135981BS