Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072021\
Data File : BN015624.D
Acq On : 20 Jul 2021 14:23
Operator : CG/JU
Sample : PB137773BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Jul 20 14:54:51 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN071521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 20 11:13:03 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.790	152	15274	0.400	ng	# 0.00
7) Naphthalene-d8	10.571	136	68607	0.400	ng	0.00
13) Acenaphthene-d10	14.421	164	36063	0.400	ng	0.01
19) Phenanthrene-d10	17.163	188	68026	0.400	ng	0.00
29) Chrysene-d12	21.376	240	67548	0.400	ng	0.01
35) Perylene-d12	23.717	264	69533	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.374	112	18151	0.414	ng	0.00
5) Phenol-d6	6.960	99	21696	0.417	ng	0.00
8) Nitrobenzene-d5	8.936	82	18529	0.376	ng	0.00
11) 2-Methylnaphthalene-d10	12.162	152	41009	0.363	ng	0.00
14) 2,4,6-Tribromophenol	15.905	330	6196	0.470	ng	0.00
15) 2-Fluorobiphenyl	13.038	172	53012	0.364	ng	0.00
27) Fluoranthene-d10	19.207	212	76398	0.372	ng	0.00
31) Terphenyl-d14	19.812	244	56995	0.356	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.345	88	4830	0.646	ng	# 60
3) n-Nitrosodimethylamine	3.677	42	4740	0.376	ng	# 79
6) bis(2-Chloroethyl)ether	7.218	93	17858	0.383	ng	# 85
9) Naphthalene	10.622	128	72555	0.364	ng	97
10) Hexachlorobutadiene	10.913	225	13912	0.374	ng	# 99
12) 2-Methylnaphthalene	12.238	142	47480	0.376	ng	# 89
16) Acenaphthylene	14.129	152	62065	0.370	ng	98
17) Acenaphthene	14.471	154	41631	0.371	ng	98
18) Fluorene	15.461	166	50006	0.372	ng	99
20) 4,6-Dinitro-2-methylph...	15.550	198	2570	1.303	ng	# 55
21) 4-Bromophenyl-phenylether	16.360	248	15515	0.359	ng	88
22) Hexachlorobenzene	16.482	284	17187	0.354	ng	# 92
23) Atrazine	16.628	200	11869	0.401	ng	92
24) Pentachlorophenol	16.822	266	2973	0.505	ng	100
25) Phenanthrene	17.212	178	79276	0.361	ng	99
26) Anthracene	17.297	178	69054	0.366	ng	99
28) Fluoranthene	19.236	202	91106	0.383	ng	# 97
30) Pyrene	19.599	202	92071	0.355	ng	99
32) Benzo(a)anthracene	21.355	228	90411	0.383	ng	98
33) Chrysene	21.408	228	89082	0.356	ng	97
34) Bis(2-ethylhexyl)phtha...	21.291	149	53689	0.531	ng	# 88
36) Indeno(1,2,3-cd)pyrene	26.130	276	109635	0.442	ng	# 84
37) Benzo(b)fluoranthene	23.005	252	95251	0.349	ng	# 95
38) Benzo(k)fluoranthene	23.053	252	98576	0.358	ng	# 94
39) Benzo(a)pyrene	23.614	252	87269	0.372	ng	# 92
40) Dibenzo(a,h)anthracene	26.144	278	91161	0.467	ng	# 89
41) Benzo(g,h,i)perylene	26.856	276	93578	0.444	ng	# 90

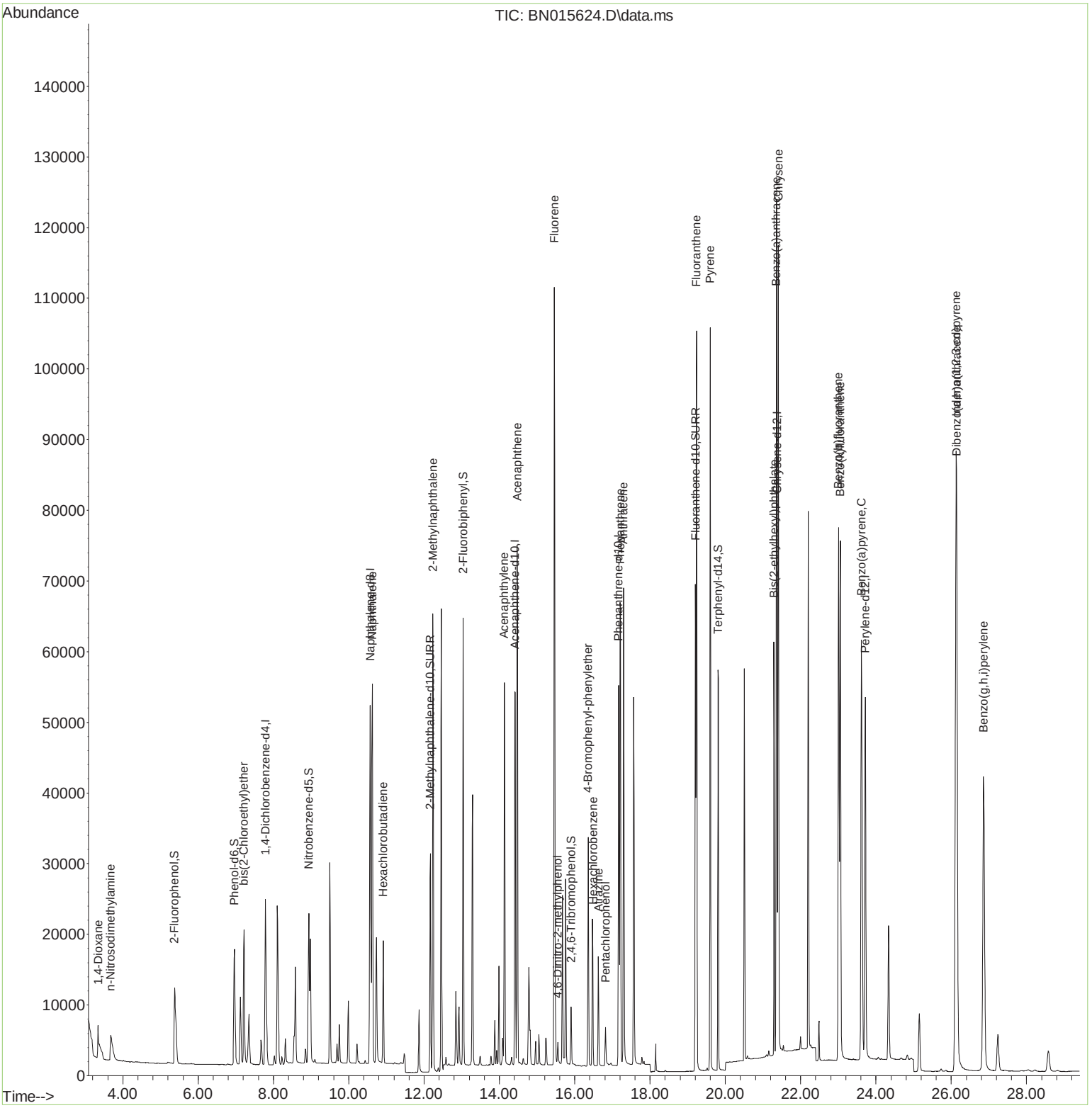
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

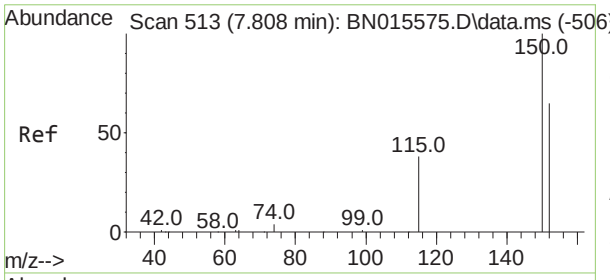
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072021\
Data File : BN015624.D
Acq On : 20 Jul 2021 14:23
Operator : CG/JU
Sample : PB137773BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Jul 20 14:54:51 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN071521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 20 11:13:03 2021
Response via : Initial Calibration



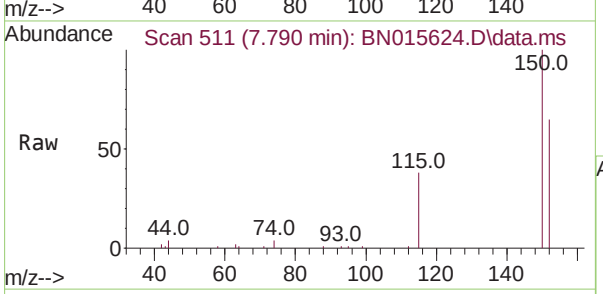
Instrument :
BNA_N
ClientSampleId :

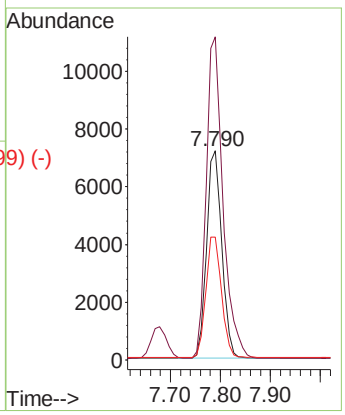


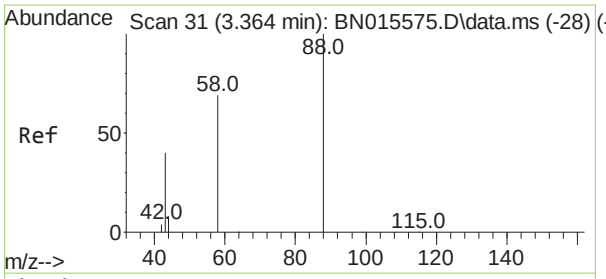
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.790 min Scan# 511
Delta R.T. 0.009 min
Lab File: BN015624.D
Acq: 20 Jul 2021 14:23

Tgt Ion:152 Resp: 15274

Ion	Ratio	Lower	Upper
152	100		
150	154.5	119.0	178.6
115	58.7	62.2	93.4#



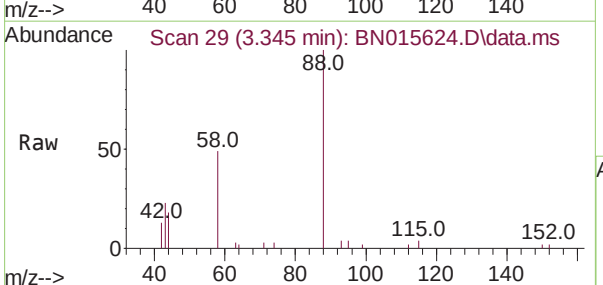


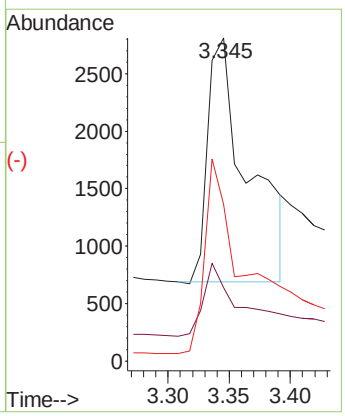


#2
1,4-Dioxane
Concen: 0.646 ng
RT: 3.345 min Scan# 29
Delta R.T. 0.009 min
Lab File: BN015624.D
Acq: 20 Jul 2021 14:23

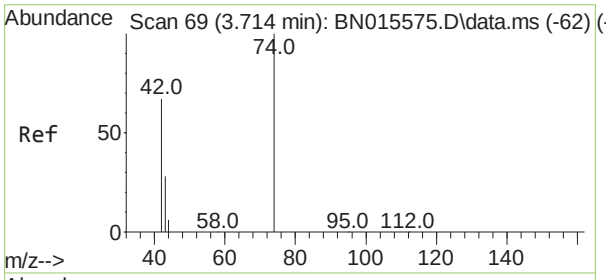
Tgt Ion: 88 Resp: 4830

Ion	Ratio	Lower	Upper
88	100		
43	28.2	12.9	19.3#
58	76.7	38.1	57.1#





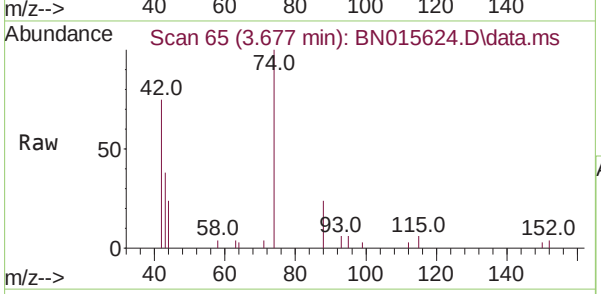
Instrument :
BNA_N
ClientSampleId :

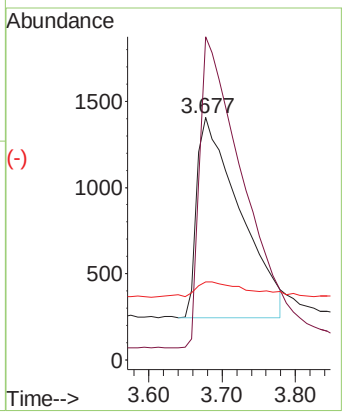


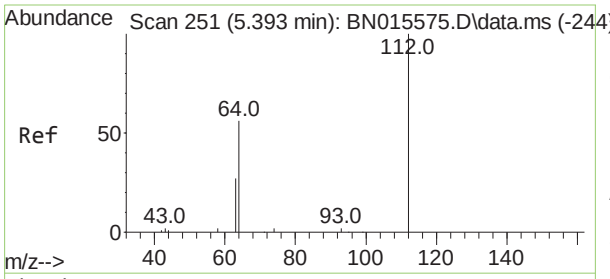
#3
n-Nitrosodimethylamine
Concen: 0.376 ng
RT: 3.677 min Scan# 65
Delta R.T. -0.000 min
Lab File: BN015624.D
Acq: 20 Jul 2021 14:23

Tgt Ion: 42 Resp: 4740

Ion	Ratio	Lower	Upper
42	100		
74	156.4	149.5	224.3
44	9.1	4.2	6.2#



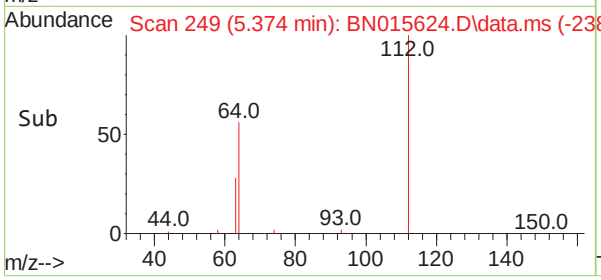


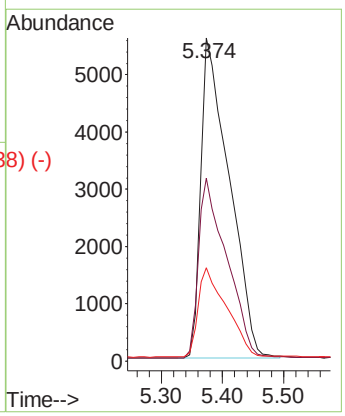


#4
2-Fluorophenol
Concen: 0.414 ng
RT: 5.374 min Scan# 249
Delta R.T. -0.000 min
Lab File: BN015624.D
Acq: 20 Jul 2021 14:23

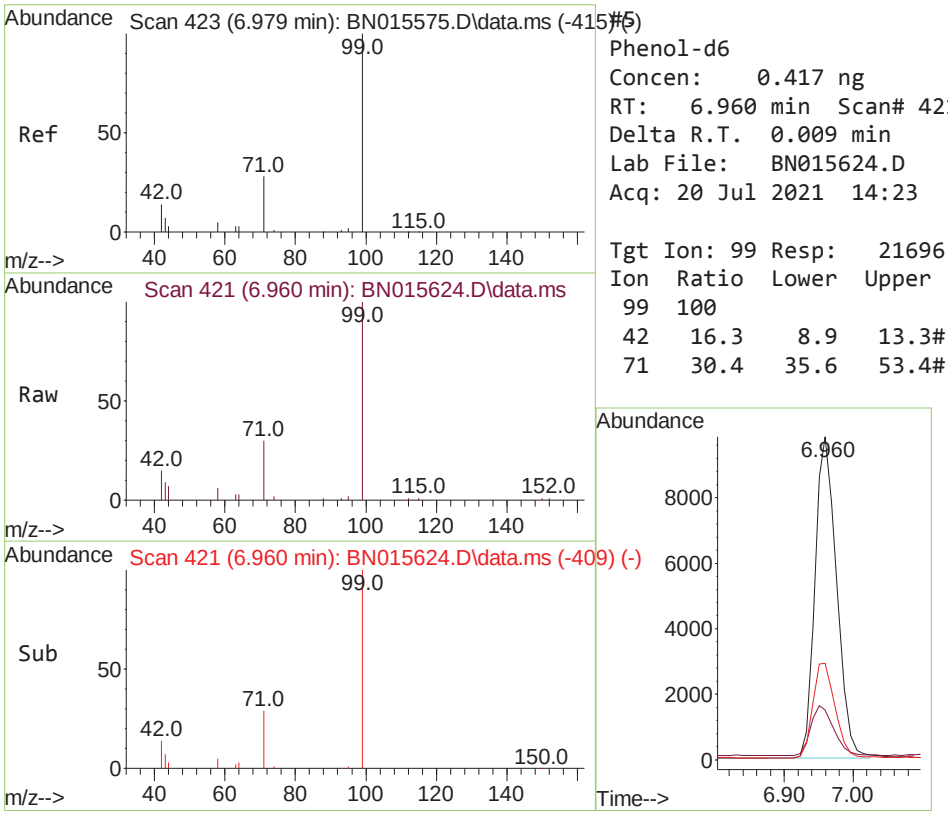
Tgt Ion:112 Resp: 18151

Ion	Ratio	Lower	Upper
112	100		
64	55.5	39.0	58.6
63	27.7	20.6	30.8





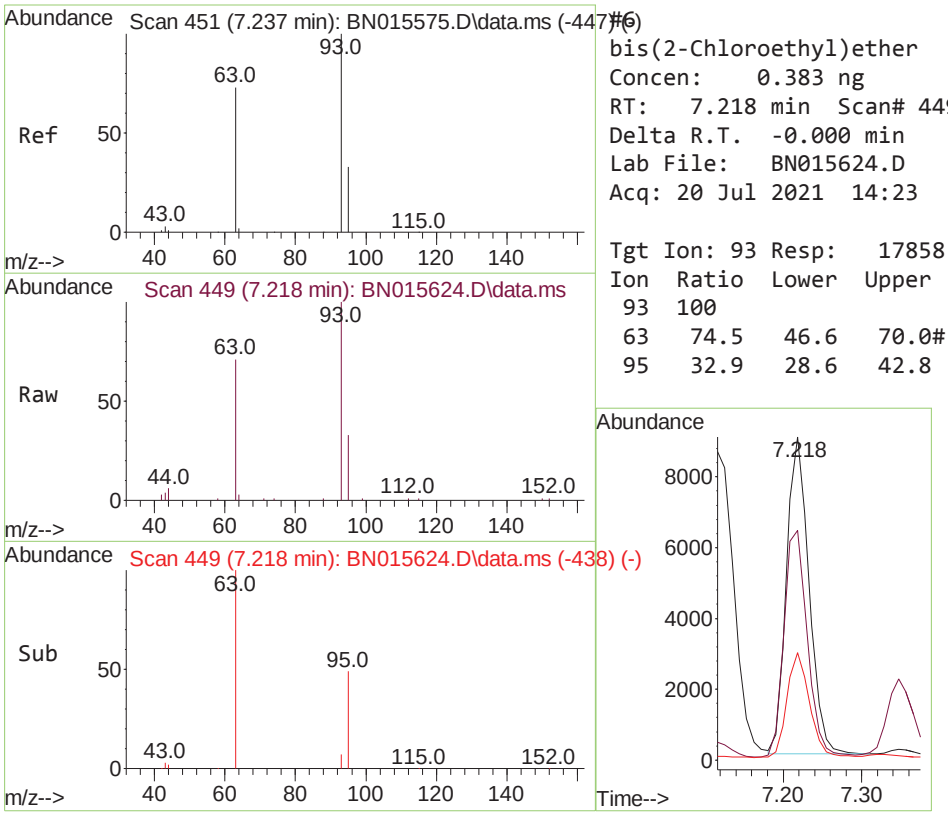
Instrument :
BNA_N
ClientSampleId :



#5
Phenol-d6
Concen: 0.417 ng
RT: 6.960 min Scan# 421
Delta R.T. 0.009 min
Lab File: BN015624.D
Acq: 20 Jul 2021 14:23

Tgt Ion: 99 Resp: 21696

Ion	Ratio	Lower	Upper
99	100		
42	16.3	8.9	13.3#
71	30.4	35.6	53.4#

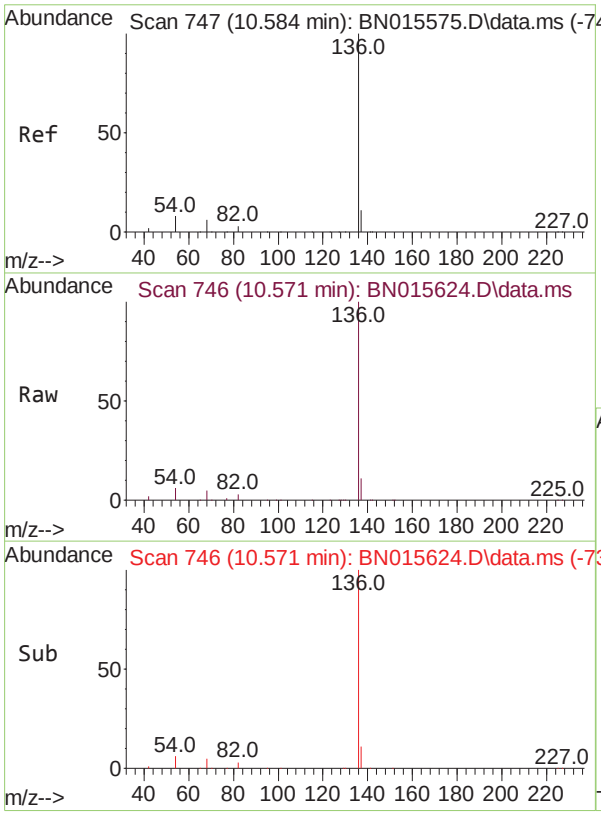


#6
bis(2-Chloroethyl)ether
Concen: 0.383 ng
RT: 7.218 min Scan# 449
Delta R.T. -0.000 min
Lab File: BN015624.D
Acq: 20 Jul 2021 14:23

Tgt Ion: 93 Resp: 17858

Ion	Ratio	Lower	Upper
93	100		
63	74.5	46.6	70.0#
95	32.9	28.6	42.8

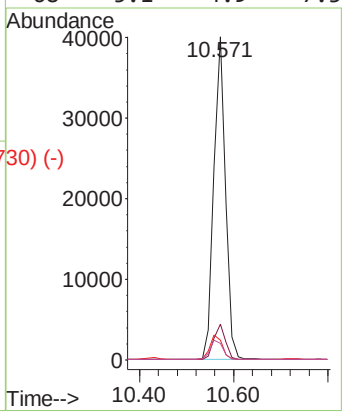
Instrument :
BNA_N
ClientSampleId :

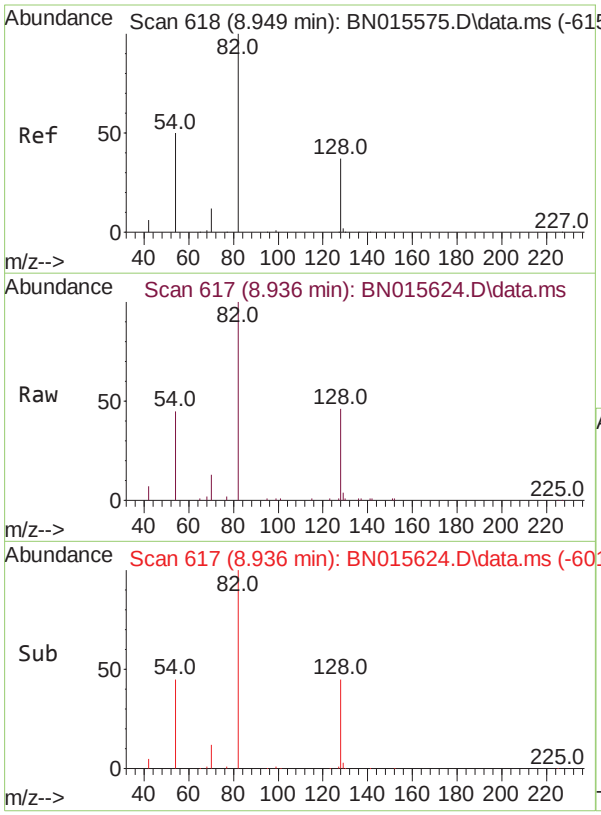


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.571 min Scan# 746
Delta R.T. -0.000 min
Lab File: BN015624.D
Acq: 20 Jul 2021 14:23

Tgt Ion:136 Resp: 68607

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.8	14.8
54	6.0	5.4	8.2
68	5.1	4.9	7.3

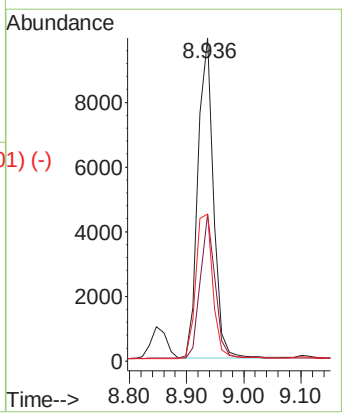




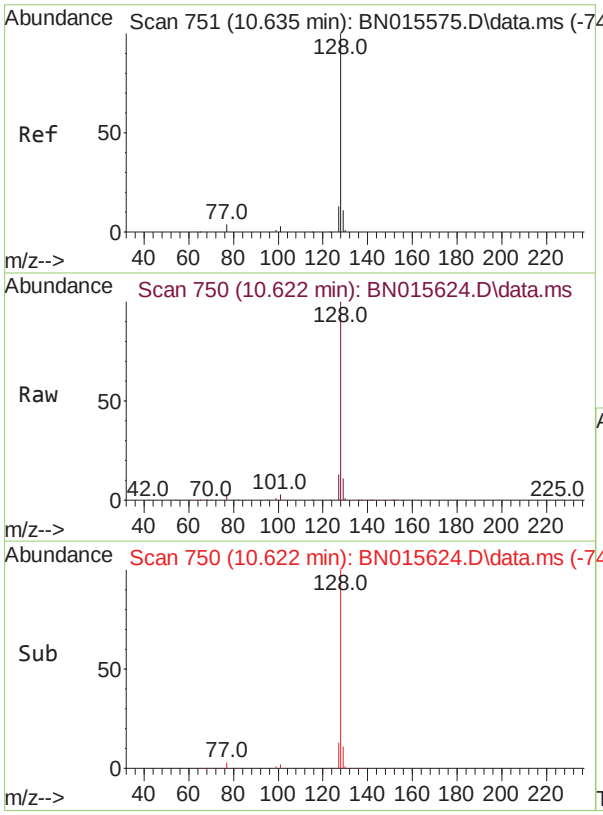
#8
Nitrobenzene-d5
Concen: 0.376 ng
RT: 8.936 min Scan# 617
Delta R.T. -0.000 min
Lab File: BN015624.D
Acq: 20 Jul 2021 14:23

Tgt Ion: 82 Resp: 18529

Ion	Ratio	Lower	Upper
82	100		
128	45.6	31.6	47.4
54	45.5	29.0	43.4#



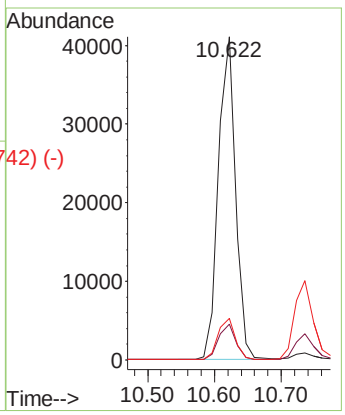
Instrument :
BNA_N
ClientSampleId :

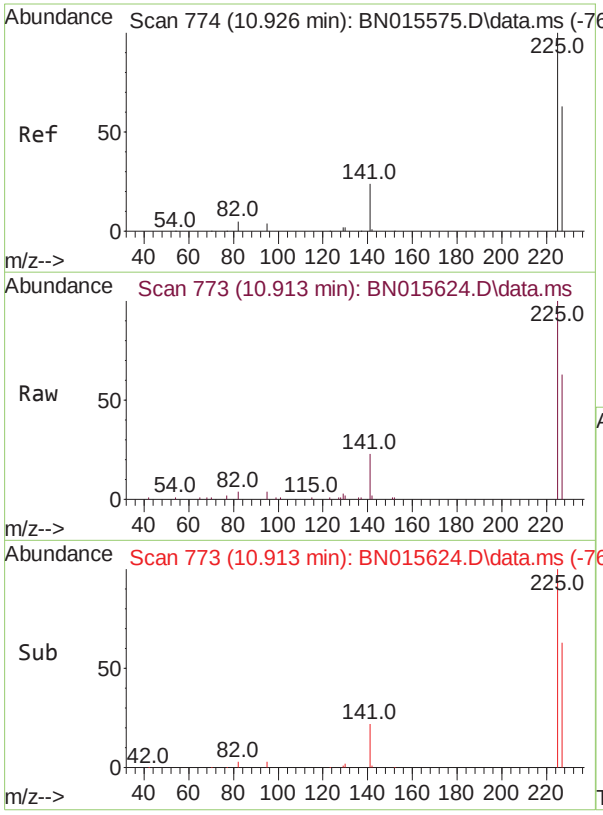


#9
Naphthalene
Concen: 0.364 ng
RT: 10.622 min Scan# 750
Delta R.T. -0.000 min
Lab File: BN015624.D
Acq: 20 Jul 2021 14:23

Tgt Ion:128 Resp: 72555

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.1	13.7
127	12.8	11.8	17.6

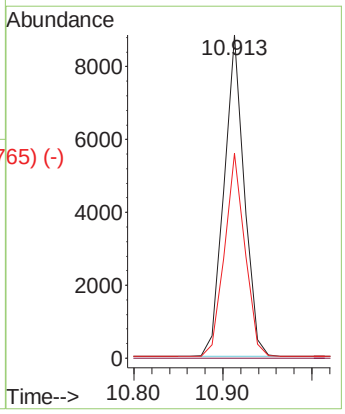




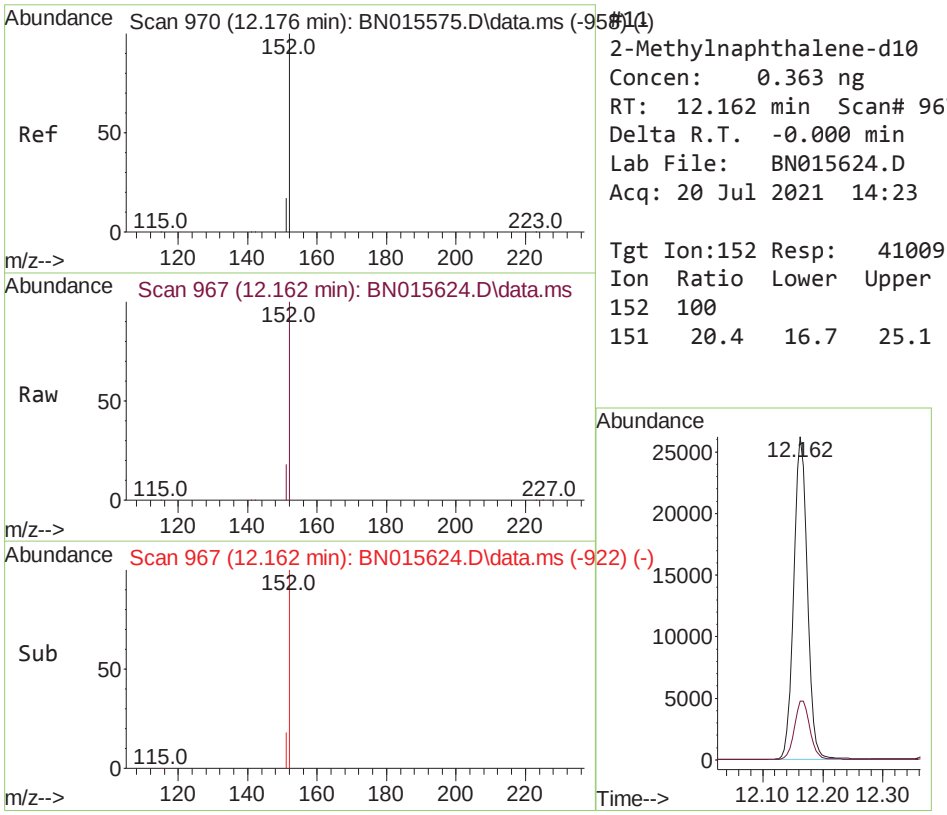
#10
Hexachlorobutadiene
Concen: 0.374 ng
RT: 10.913 min Scan# 773
Delta R.T. -0.000 min
Lab File: BN015624.D
Acq: 20 Jul 2021 14:23

Tgt Ion:225 Resp: 13912

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.8	50.2	75.2



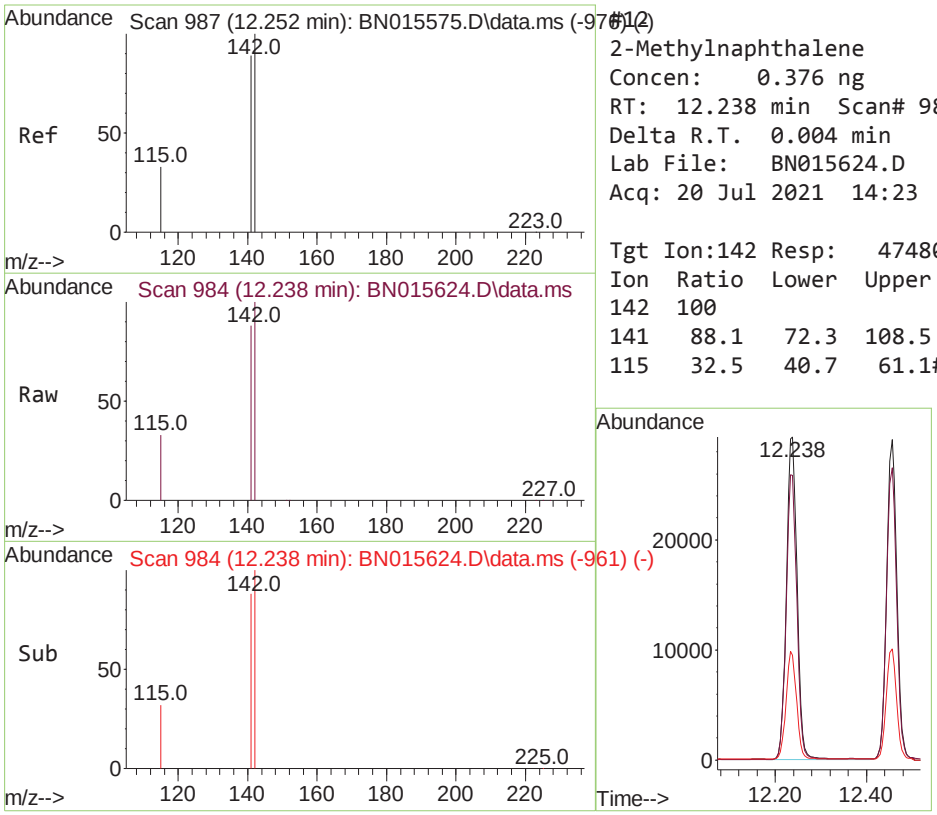
Instrument :
BNA_N
ClientSampleId :



#11
2-Methylnaphthalene-d10
Concen: 0.363 ng
RT: 12.162 min Scan# 967
Delta R.T. -0.000 min
Lab File: BN015624.D
Acq: 20 Jul 2021 14:23

Tgt Ion:152 Resp: 41009

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.7	25.1

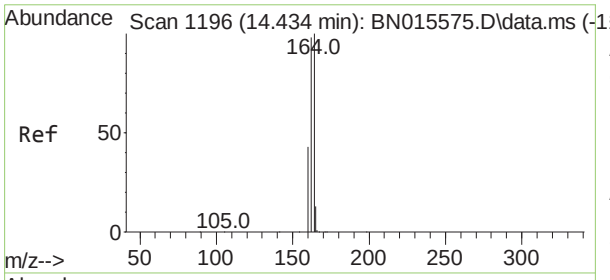


#12
2-Methylnaphthalene
Concen: 0.376 ng
RT: 12.238 min Scan# 984
Delta R.T. 0.004 min
Lab File: BN015624.D
Acq: 20 Jul 2021 14:23

Tgt Ion:142 Resp: 47480

Ion	Ratio	Lower	Upper
142	100		
141	88.1	72.3	108.5
115	32.5	40.7	61.1#

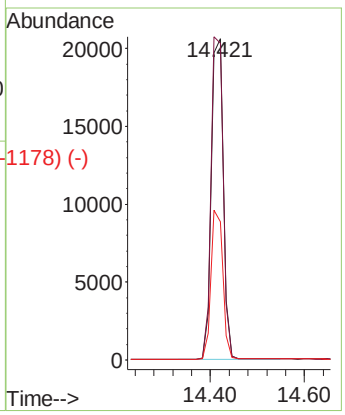
Instrument :
BNA_N
ClientSampleId :

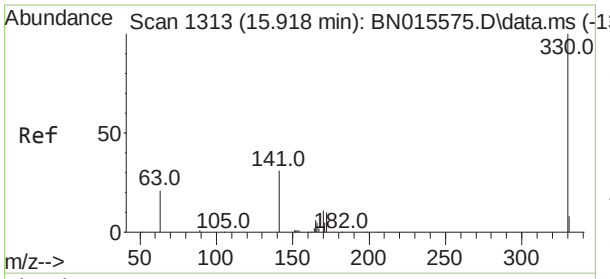


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.421 min Scan# 1195
Delta R.T. 0.012 min
Lab File: BN015624.D
Acq: 20 Jul 2021 14:23

Tgt Ion:164 Resp: 36063

Ion	Ratio	Lower	Upper
164	100		
162	98.5	83.8	125.6
160	43.0	37.4	56.0

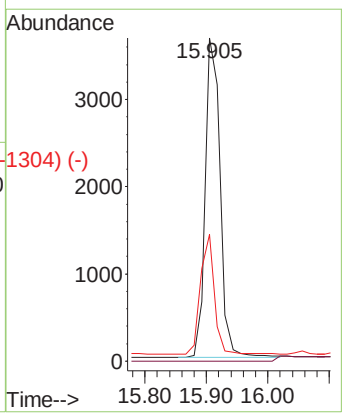




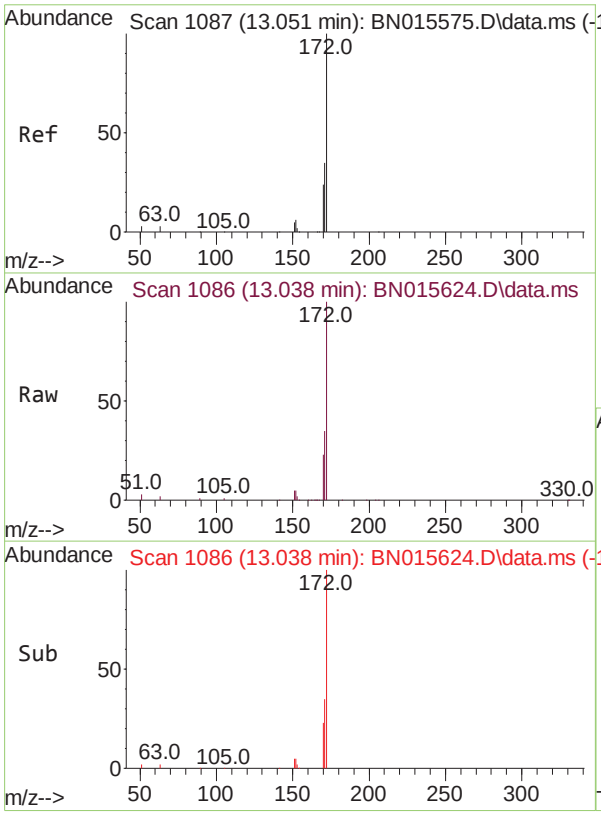
#14
2,4,6-Tribromophenol
Concen: 0.470 ng
RT: 15.905 min Scan# 1312
Delta R.T. -0.000 min
Lab File: BN015624.D
Acq: 20 Jul 2021 14:23

Tgt Ion:330 Resp: 6196

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	35.2	22.4	33.6#



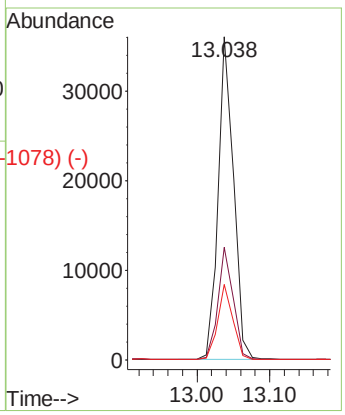
Instrument :
BNA_N
ClientSampleId :

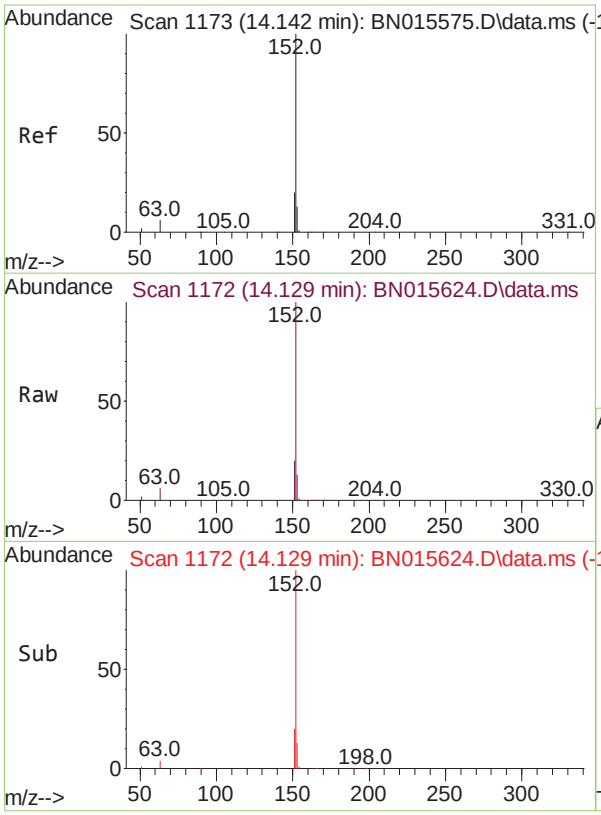


#11
2-Fluorobiphenyl
Concen: 0.364 ng
RT: 13.038 min Scan# 1086
Delta R.T. -0.000 min
Lab File: BN015624.D
Acq: 20 Jul 2021 14:23

Tgt Ion:172 Resp: 53012

Ion	Ratio	Lower	Upper
172	100		
171	34.7	30.6	45.8
170	23.4	20.2	30.4

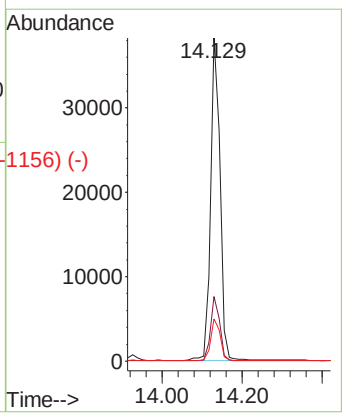




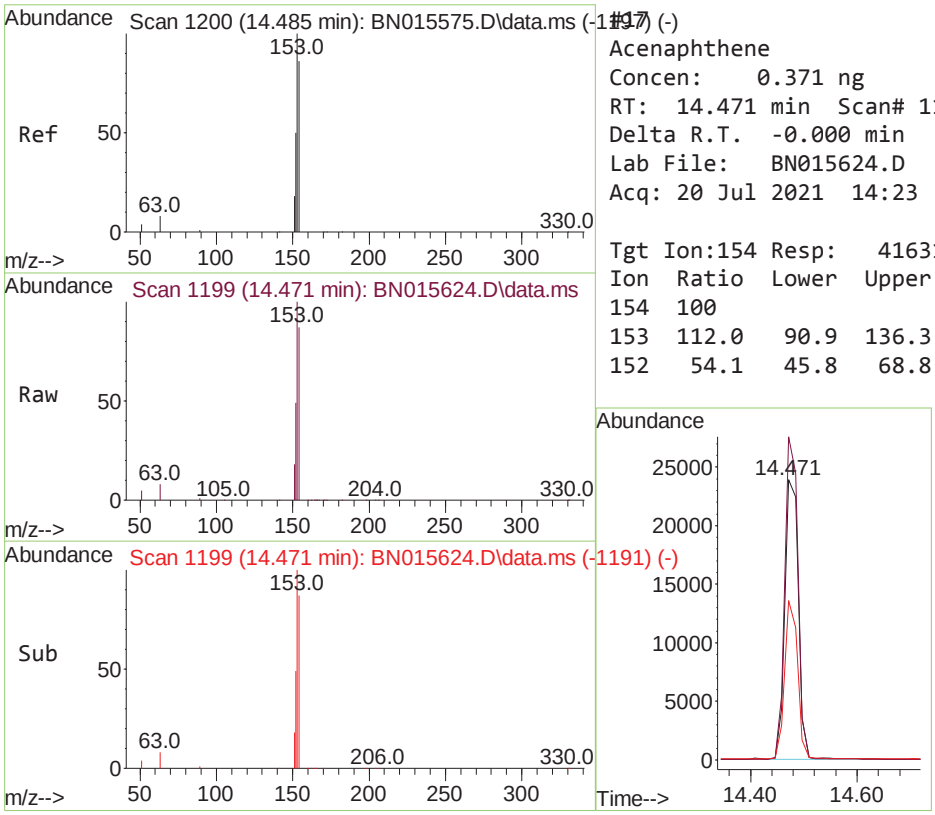
#16
Acenaphthylene
Concen: 0.370 ng
RT: 14.129 min Scan# 1172
Delta R.T. -0.000 min
Lab File: BN015624.D
Acq: 20 Jul 2021 14:23

Tgt Ion:152 Resp: 62065

Ion	Ratio	Lower	Upper
152	100		
151	19.3	16.7	25.1
153	13.0	10.5	15.7



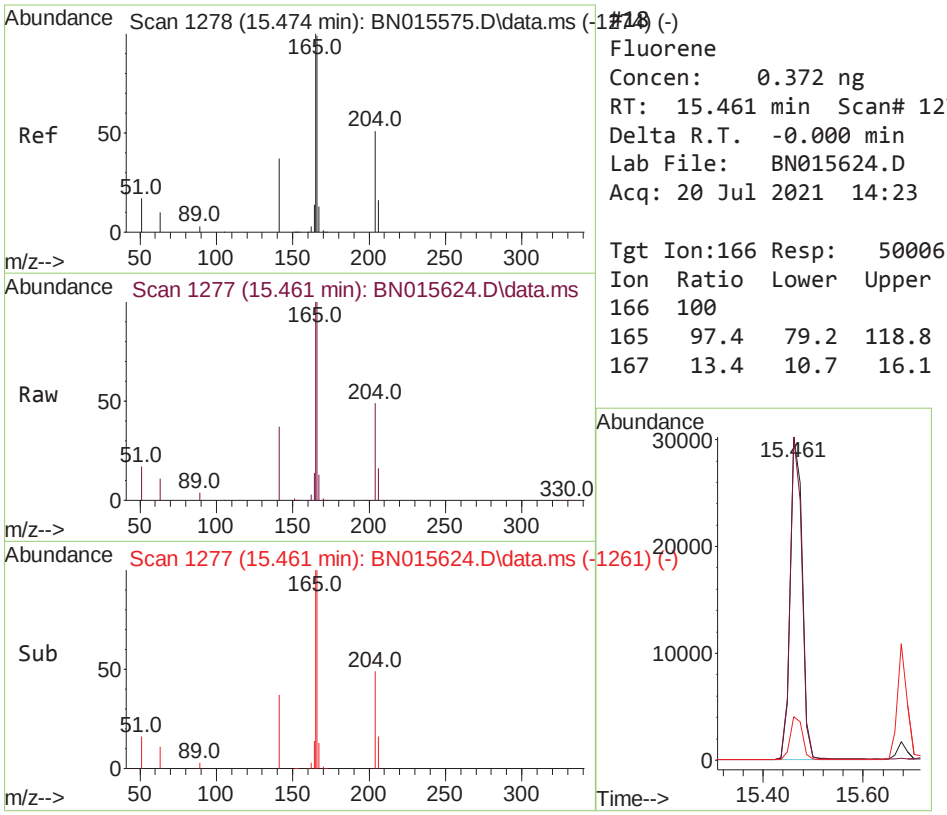
Instrument :
BNA_N
ClientSampleId :



#17
Acenaphthene
Concen: 0.371 ng
RT: 14.471 min Scan# 1199
Delta R.T. -0.000 min
Lab File: BN015624.D
Acq: 20 Jul 2021 14:23

Tgt Ion:154 Resp: 41631

Ion	Ratio	Lower	Upper
154	100		
153	112.0	90.9	136.3
152	54.1	45.8	68.8

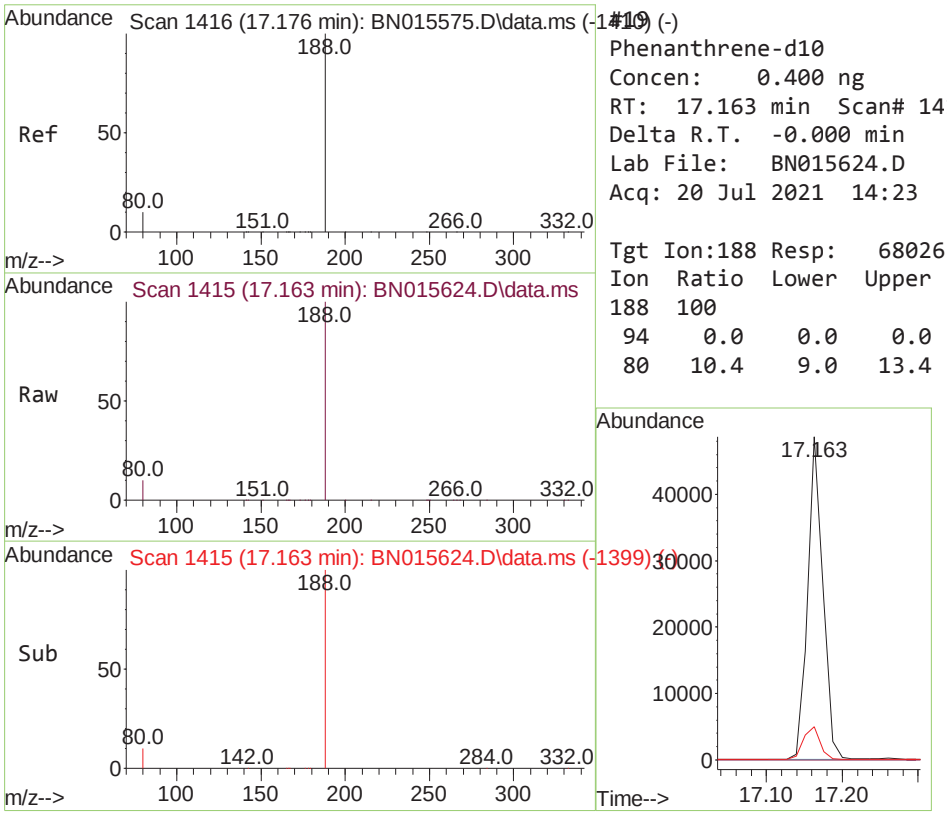


#18
Fluorene
Concen: 0.372 ng
RT: 15.461 min Scan# 1277
Delta R.T. -0.000 min
Lab File: BN015624.D
Acq: 20 Jul 2021 14:23

Tgt Ion:166 Resp: 50006

Ion	Ratio	Lower	Upper
166	100		
165	97.4	79.2	118.8
167	13.4	10.7	16.1

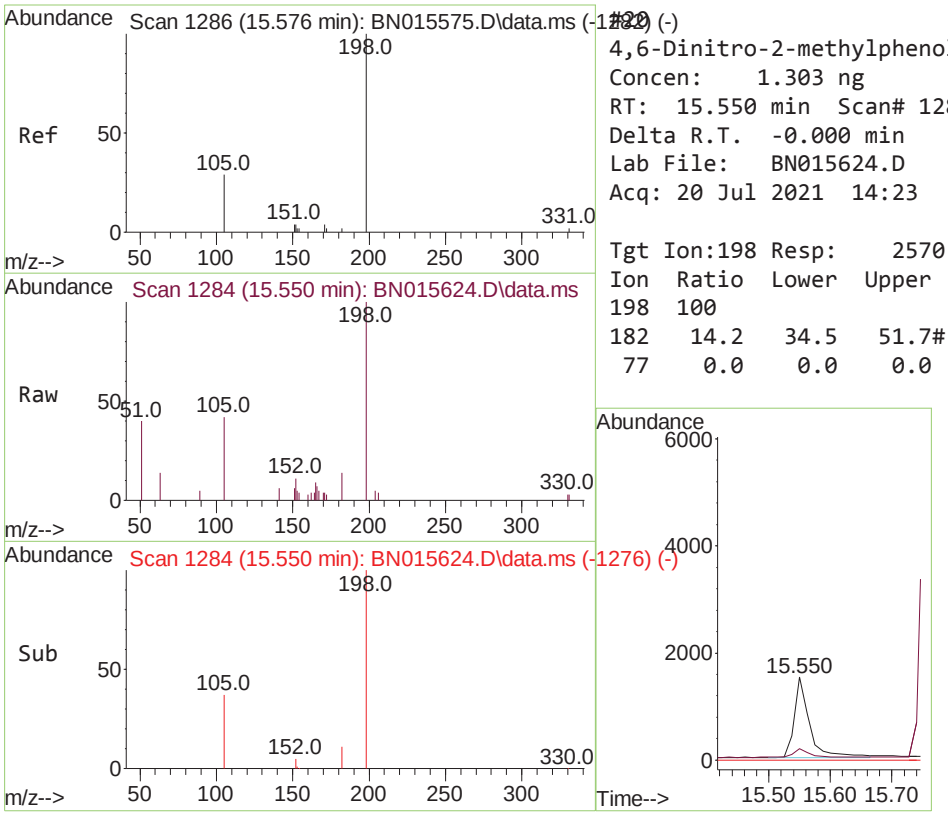
Instrument :
BNA_N
ClientSampleId :



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.163 min Scan# 1415
Delta R.T. -0.000 min
Lab File: BN015624.D
Acq: 20 Jul 2021 14:23

Tgt Ion:188 Resp: 68026

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.4	9.0	13.4

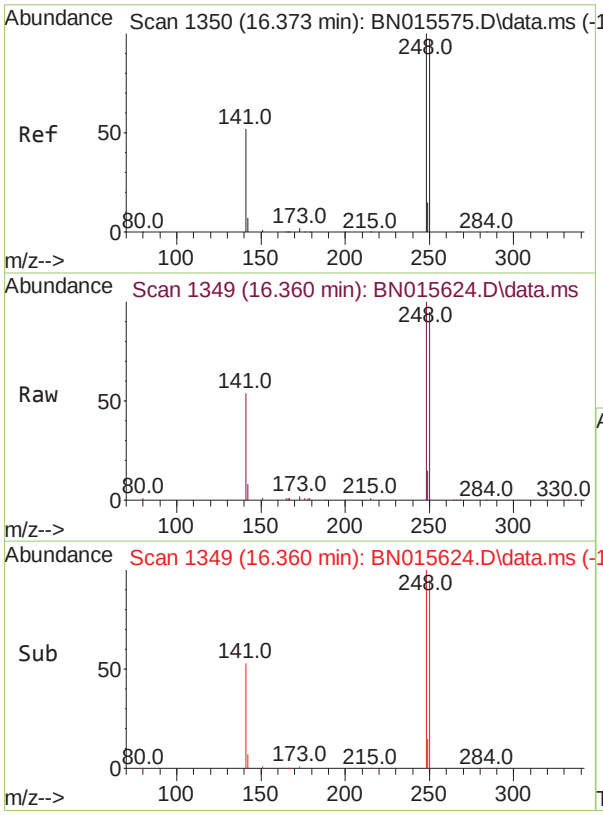


#22
4,6-Dinitro-2-methylphenol
Concen: 1.303 ng
RT: 15.550 min Scan# 1284
Delta R.T. -0.000 min
Lab File: BN015624.D
Acq: 20 Jul 2021 14:23

Tgt Ion:198 Resp: 2570

Ion	Ratio	Lower	Upper
198	100		
182	14.2	34.5	51.7#
77	0.0	0.0	0.0

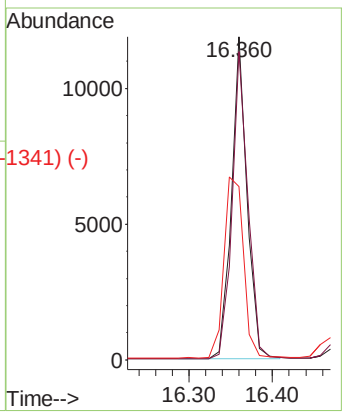
Instrument :
BNA_N
ClientSampleId :

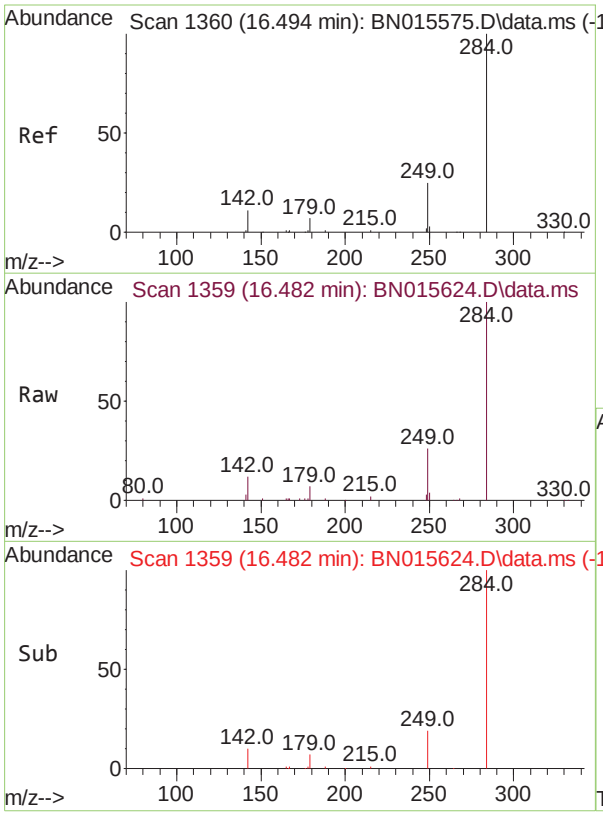


#21
4-Bromophenyl-phenylether
Concen: 0.359 ng
RT: 16.360 min Scan# 1349
Delta R.T. -0.000 min
Lab File: BN015624.D
Acq: 20 Jul 2021 14:23

Tgt Ion:248 Resp: 15515

Ion	Ratio	Lower	Upper
248	100		
250	95.4	86.2	129.4
141	53.7	36.2	54.2

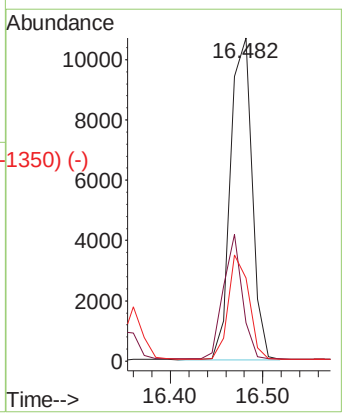




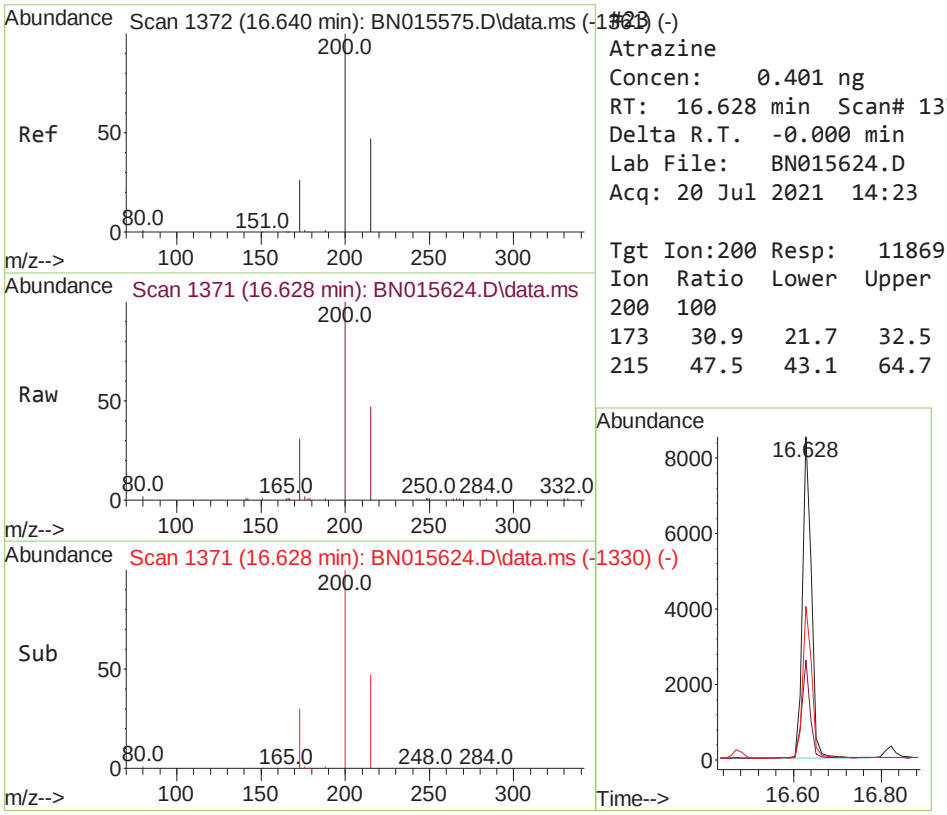
#22
Hexachlorobenzene
Concen: 0.354 ng
RT: 16.482 min Scan# 1359
Delta R.T. 0.012 min
Lab File: BN015624.D
Acq: 20 Jul 2021 14:23

Tgt Ion:284 Resp: 17187

Ion	Ratio	Lower	Upper
284	100		
142	34.1	22.2	33.2#
249	30.9	26.6	39.8



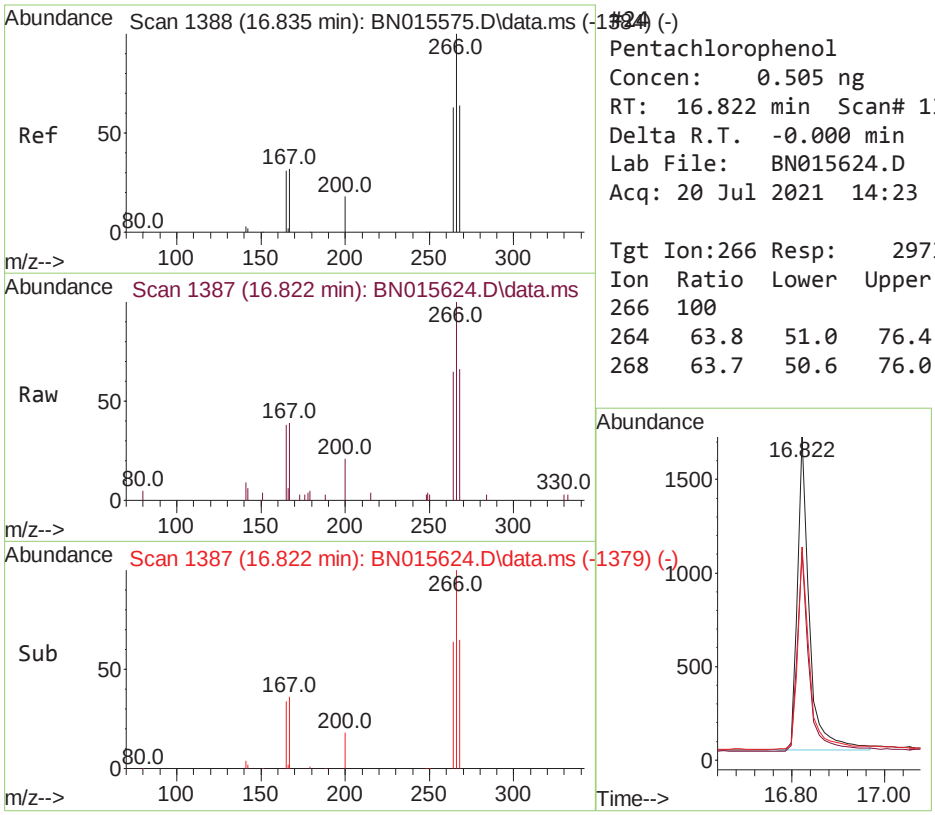
Instrument :
BNA_N
ClientSampleId :



#23
Atrazine
Concen: 0.401 ng
RT: 16.628 min Scan# 1371
Delta R.T. -0.000 min
Lab File: BN015624.D
Acq: 20 Jul 2021 14:23

Tgt Ion:200 Resp: 11869

Ion	Ratio	Lower	Upper
200	100		
173	30.9	21.7	32.5
215	47.5	43.1	64.7

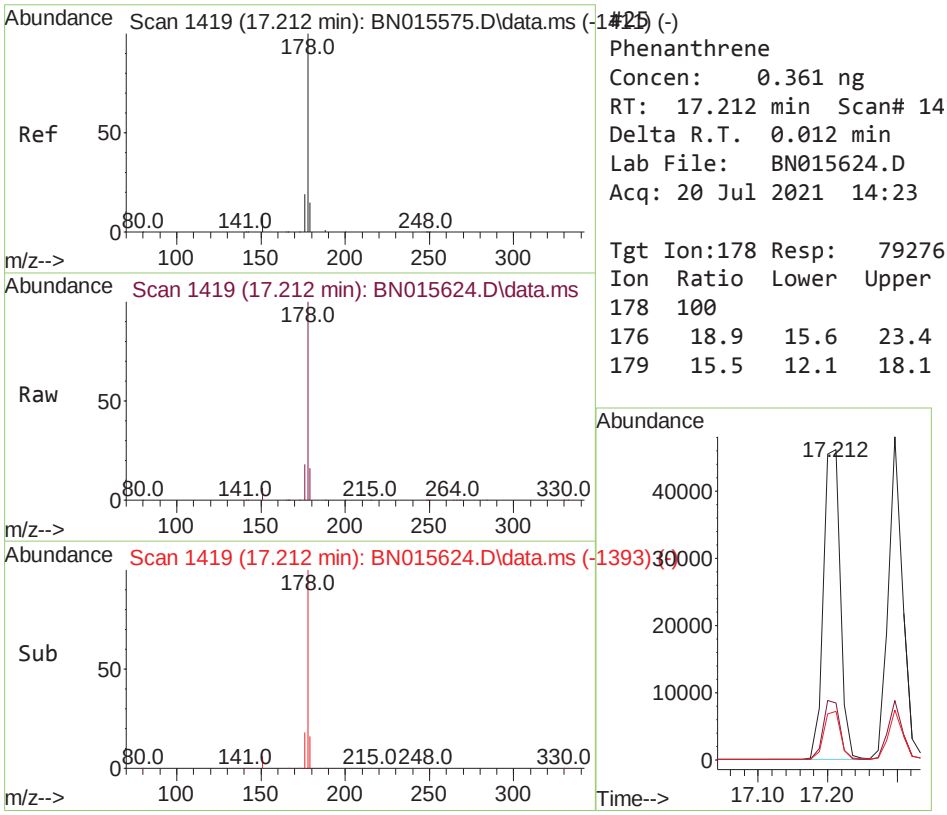


#24
Pentachlorophenol
Concen: 0.505 ng
RT: 16.822 min Scan# 1387
Delta R.T. -0.000 min
Lab File: BN015624.D
Acq: 20 Jul 2021 14:23

Tgt Ion:266 Resp: 2973

Ion	Ratio	Lower	Upper
266	100		
264	63.8	51.0	76.4
268	63.7	50.6	76.0

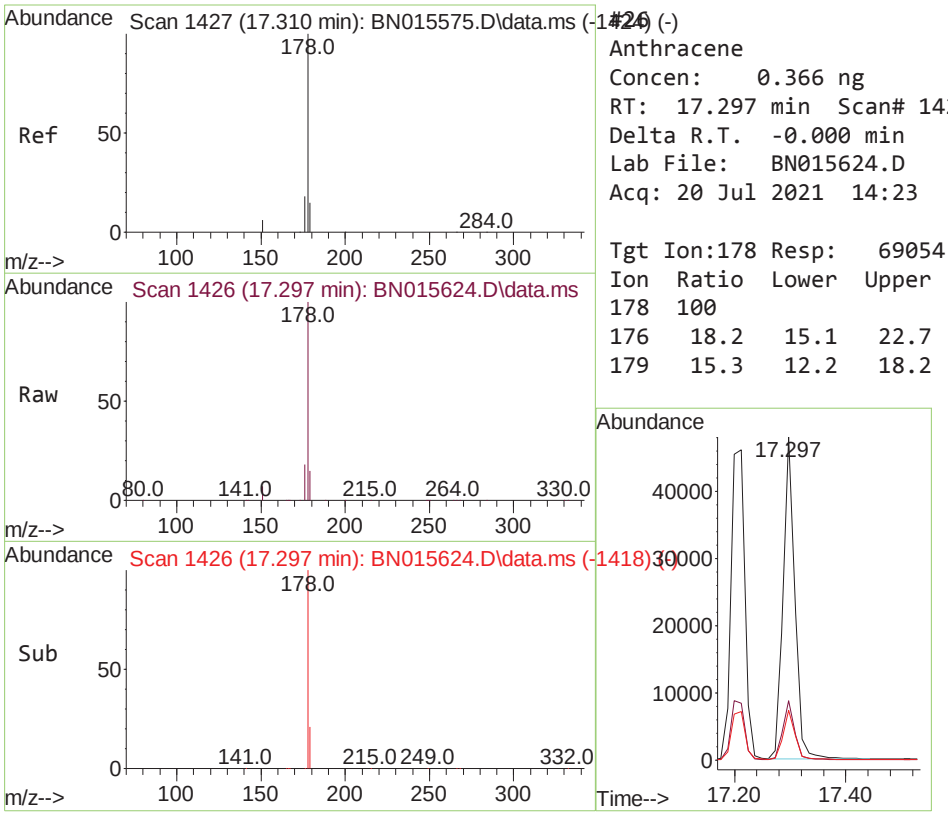
Instrument :
BNA_N
ClientSampleId :



#25
Phenanthrene
Concen: 0.361 ng
RT: 17.212 min Scan# 1419
Delta R.T. 0.012 min
Lab File: BN015624.D
Acq: 20 Jul 2021 14:23

Tgt Ion:178 Resp: 79276

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.6	23.4
179	15.5	12.1	18.1

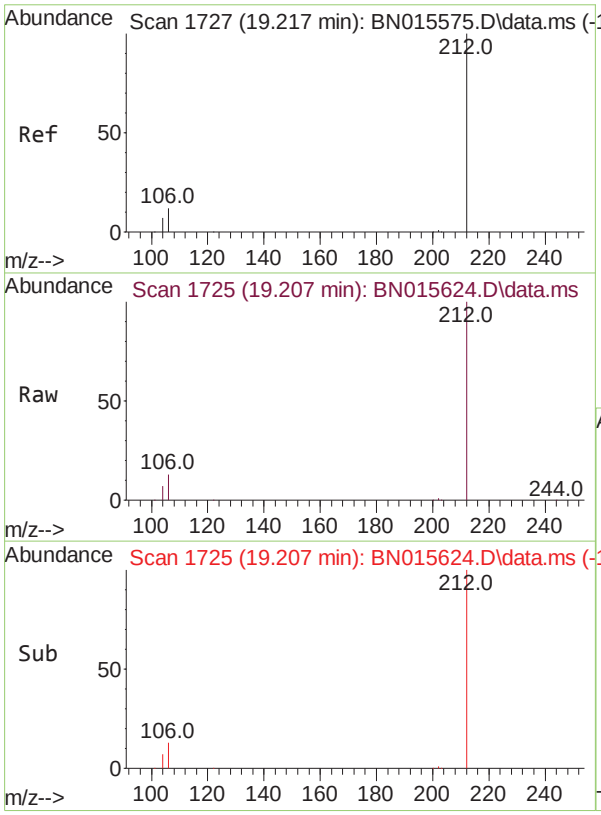


#26
Anthracene
Concen: 0.366 ng
RT: 17.297 min Scan# 1426
Delta R.T. -0.000 min
Lab File: BN015624.D
Acq: 20 Jul 2021 14:23

Tgt Ion:178 Resp: 69054

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.1	22.7
179	15.3	12.2	18.2

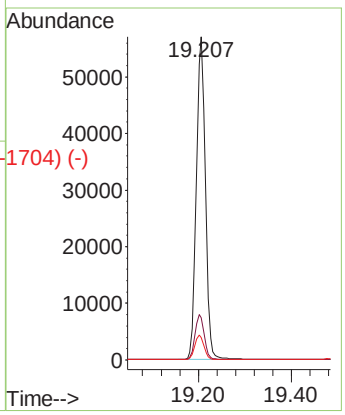
Instrument :
BNA_N
ClientSampleId :

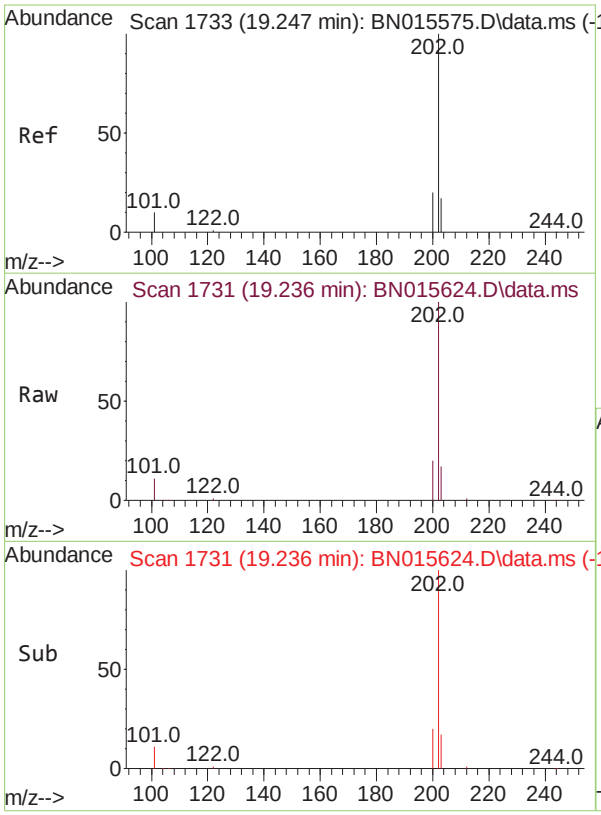


#27
Fluoranthene-d10
Concen: 0.372 ng
RT: 19.207 min Scan# 1725
Delta R.T. 0.005 min
Lab File: BN015624.D
Acq: 20 Jul 2021 14:23

Tgt Ion:212 Resp: 76398

Ion	Ratio	Lower	Upper
212	100		
106	14.1	7.0	10.6#
104	7.7	4.1	6.1#

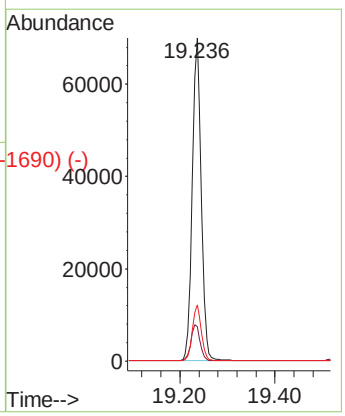




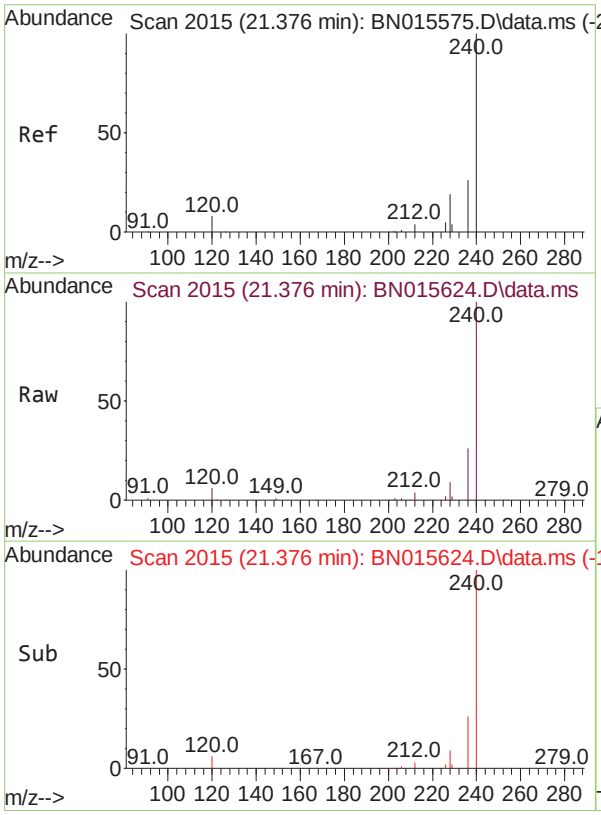
#28
Fluoranthene
Concen: 0.383 ng
RT: 19.236 min Scan# 1731
Delta R.T. 0.005 min
Lab File: BN015624.D
Acq: 20 Jul 2021 14:23

Tgt Ion:202 Resp: 91106

Ion	Ratio	Lower	Upper
202	100		
101	11.7	6.6	10.0#
203	17.3	13.9	20.9



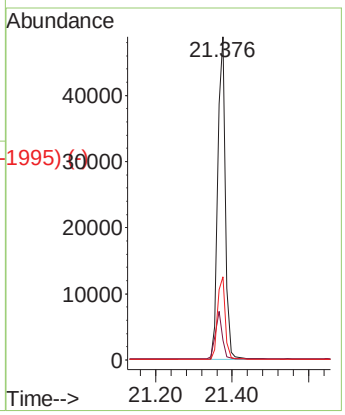
Instrument :
BNA_N
ClientSampleId :

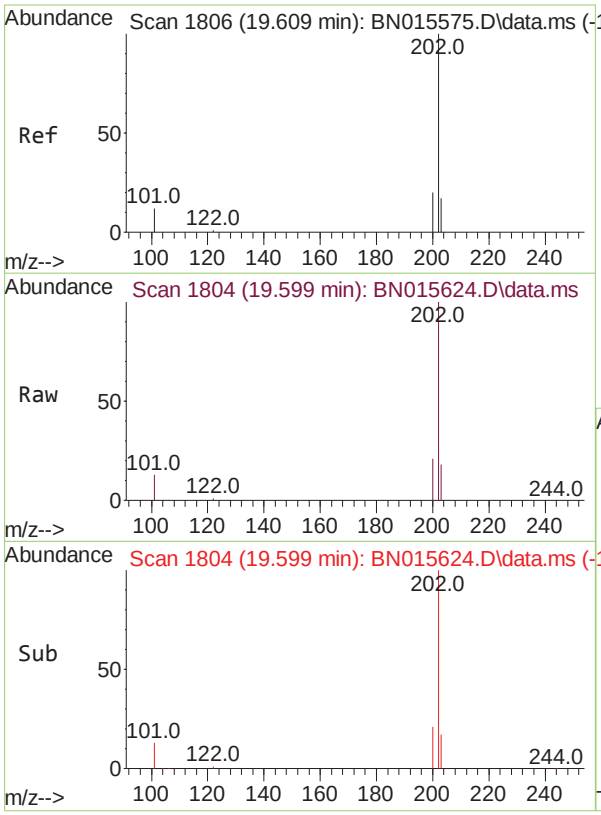


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.376 min Scan# 2015
Delta R.T. 0.010 min
Lab File: BN015624.D
Acq: 20 Jul 2021 14:23

Tgt Ion:240 Resp: 67548

Ion	Ratio	Lower	Upper
240	100		
120	6.1	4.2	6.4
236	25.6	21.4	32.2

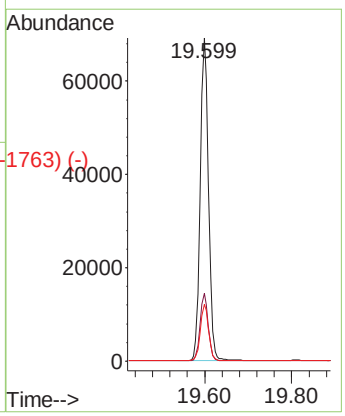




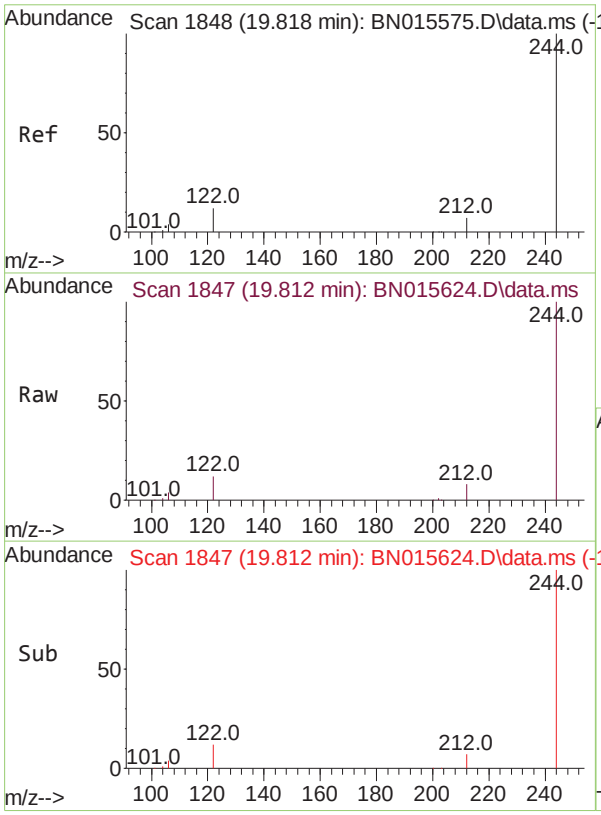
#30
Pyrene
Concen: 0.355 ng
RT: 19.599 min Scan# 1804
Delta R.T. 0.005 min
Lab File: BN015624.D
Acq: 20 Jul 2021 14:23

Tgt Ion:202 Resp: 92071

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.9	25.3
203	17.5	13.9	20.9



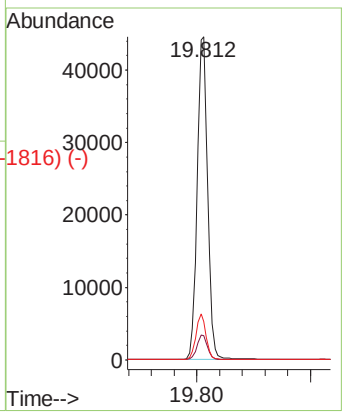
Instrument :
BNA_N
ClientSampleId :

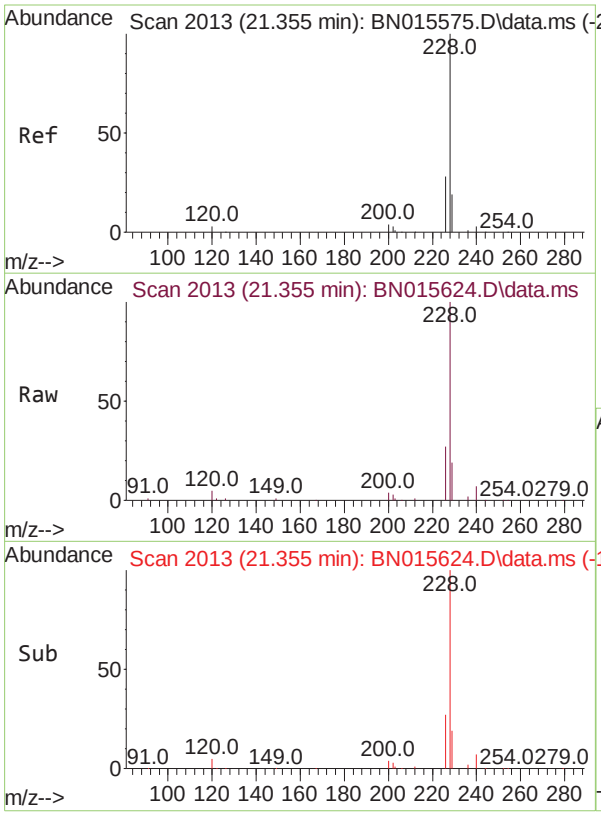


#30
Terphenyl-d14
Concen: 0.356 ng
RT: 19.812 min Scan# 1847
Delta R.T. 0.005 min
Lab File: BN015624.D
Acq: 20 Jul 2021 14:23

Tgt Ion:244 Resp: 56995

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.3	9.5
122	11.9	6.2	9.2#

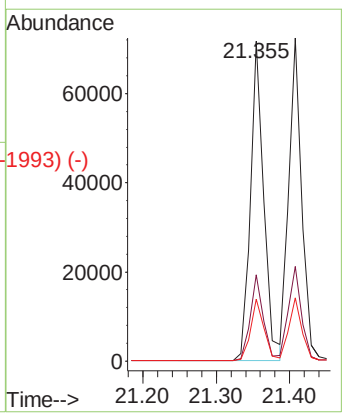




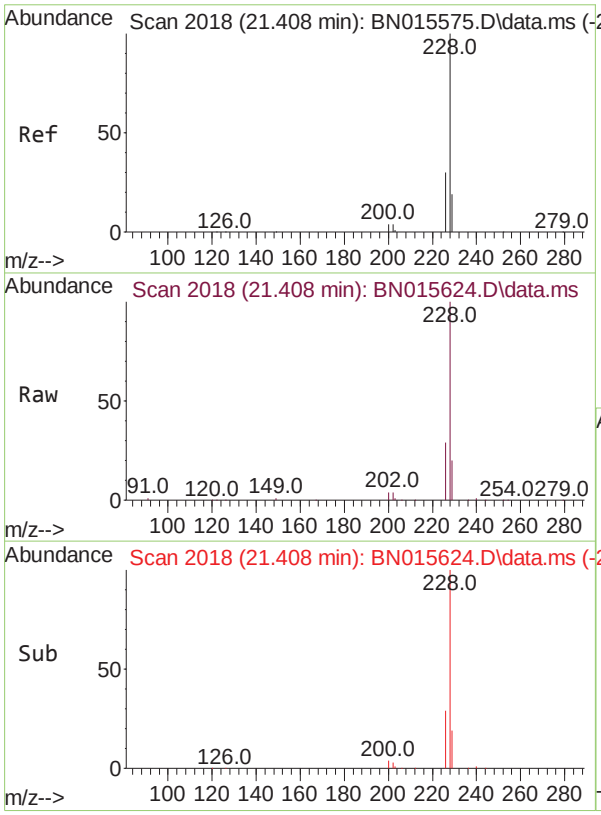
#32
Benzo(a)anthracene
Concen: 0.383 ng
RT: 21.355 min Scan# 2013
Delta R.T. 0.010 min
Lab File: BN015624.D
Acq: 20 Jul 2021 14:23

Tgt Ion:228 Resp: 90411

Ion	Ratio	Lower	Upper
228	100		
226	27.0	23.0	34.6
229	19.4	15.7	23.5



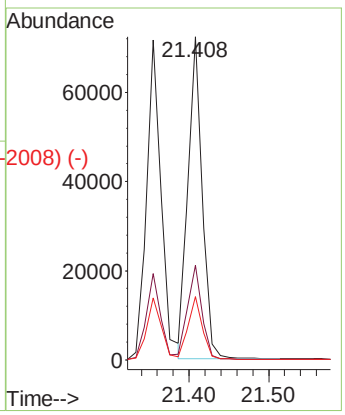
Instrument :
BNA_N
ClientSampleId :

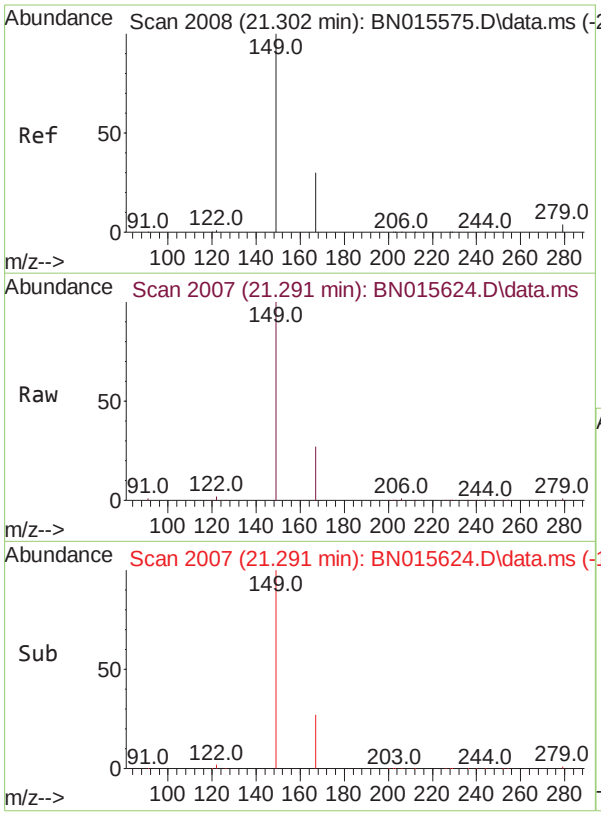


#33
Chrysene
Concen: 0.356 ng
RT: 21.408 min Scan# 2018
Delta R.T. 0.010 min
Lab File: BN015624.D
Acq: 20 Jul 2021 14:23

Tgt Ion:228 Resp: 89082

Ion	Ratio	Lower	Upper
228	100		
226	29.3	25.0	37.6
229	19.6	15.9	23.9

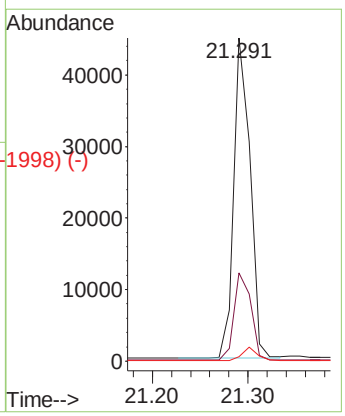




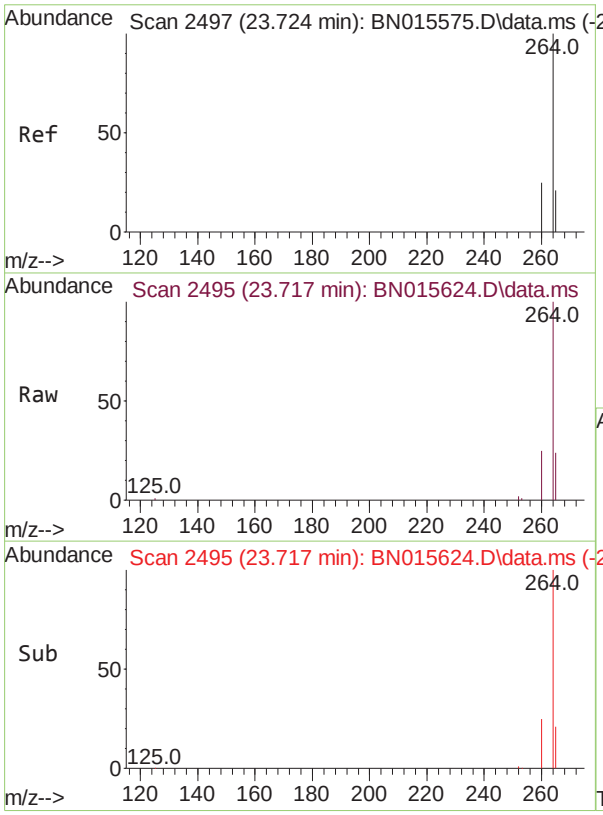
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.531 ng
RT: 21.291 min Scan# 2007
Delta R.T. -0.000 min
Lab File: BN015624.D
Acq: 20 Jul 2021 14:23

Tgt Ion:149 Resp: 53689

Ion	Ratio	Lower	Upper
149	100		
167	28.4	28.9	43.3#
279	3.7	4.9	7.3#



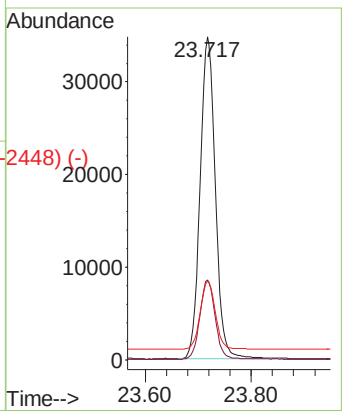
Instrument :
BNA_N
ClientSampleId :

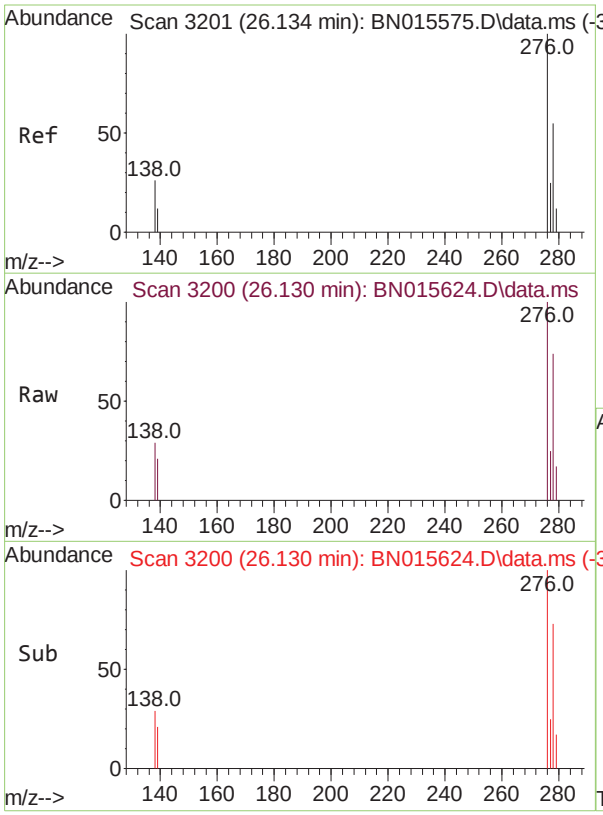


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.717 min Scan# 2495
Delta R.T. 0.010 min
Lab File: BN015624.D
Acq: 20 Jul 2021 14:23

Tgt Ion:264 Resp: 69533

Ion	Ratio	Lower	Upper
264	100		
260	24.6	20.6	31.0
265	24.4	21.4	32.2

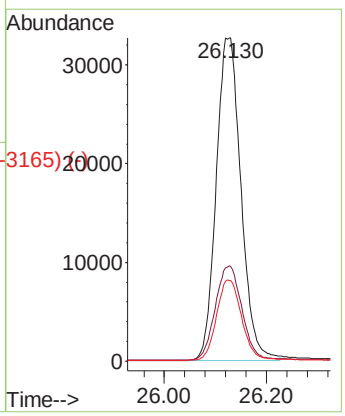




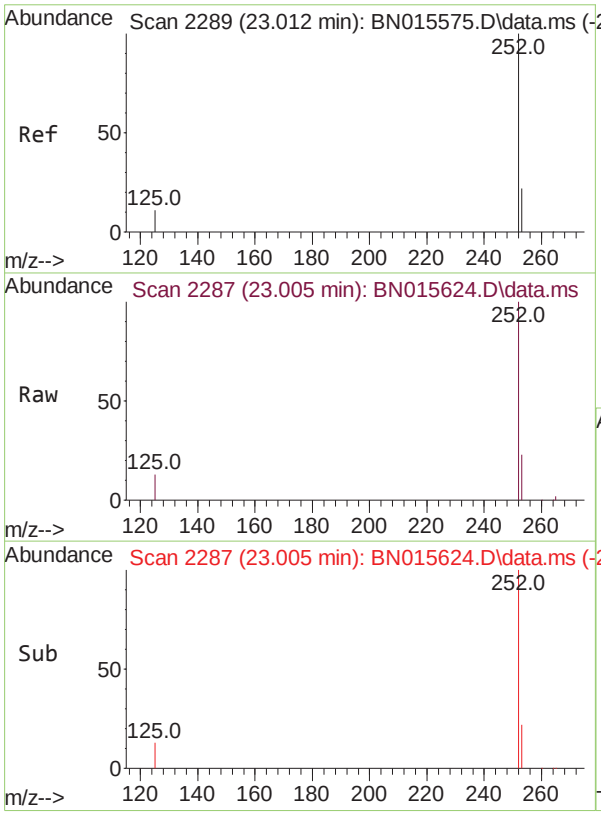
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.442 ng
RT: 26.130 min Scan# 3200
Delta R.T. 0.020 min
Lab File: BN015624.D
Acq: 20 Jul 2021 14:23

Tgt Ion:276 Resp: 109635

Ion	Ratio	Lower	Upper
276	100		
138	31.4	10.0	15.0#
277	25.1	20.4	30.6



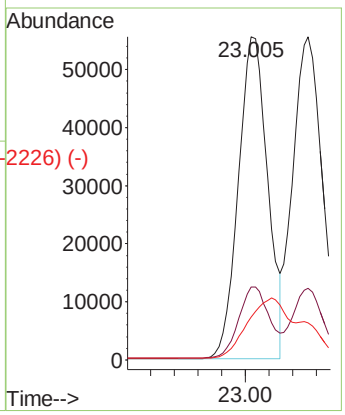
Instrument :
BNA_N
ClientSampleId :

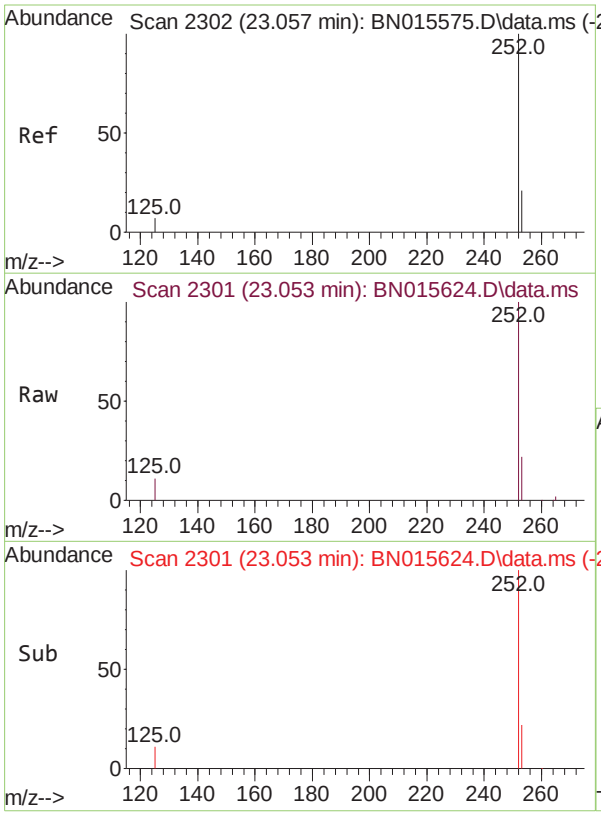


Benzo(b)fluoranthene
Concen: 0.349 ng
RT: 23.005 min Scan# 2287
Delta R.T. 0.010 min
Lab File: BN015624.D
Acq: 20 Jul 2021 14:23

Tgt Ion:252 Resp: 95251

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.5	27.7
125	13.3	5.8	8.6#

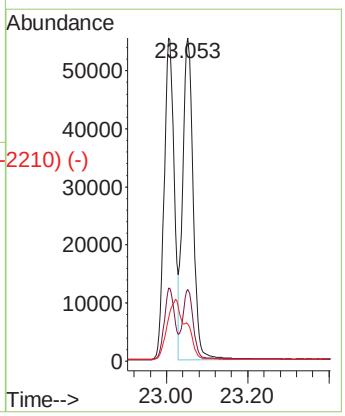




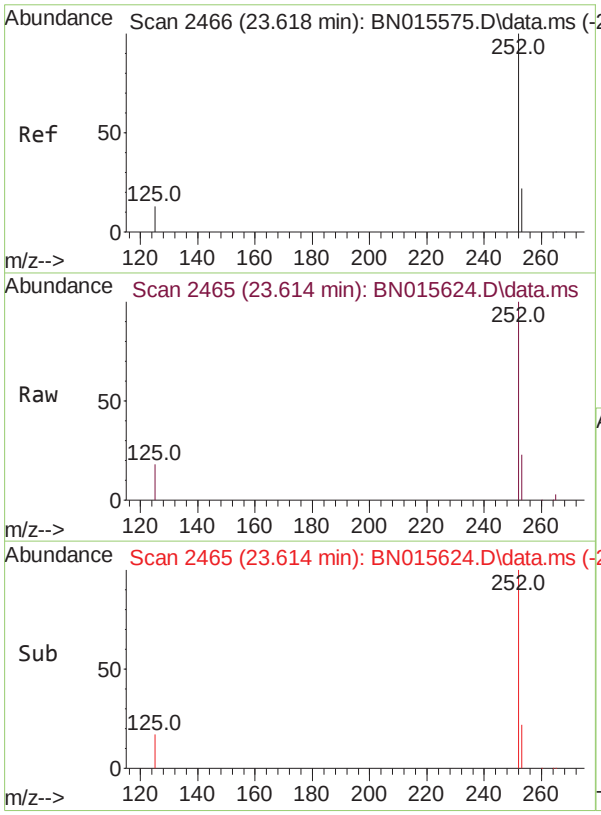
Benzo(k)fluoranthene
Concen: 0.358 ng
RT: 23.053 min Scan# 2301
Delta R.T. 0.010 min
Lab File: BN015624.D
Acq: 20 Jul 2021 14:23

Tgt Ion:252 Resp: 98576

Ion	Ratio	Lower	Upper
252	100		
253	22.2	19.1	28.7
125	11.4	5.4	8.0#



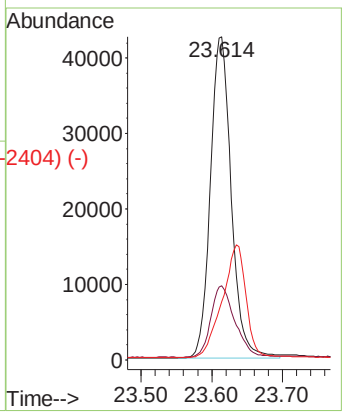
Instrument :
BNA_N
ClientSampleId :

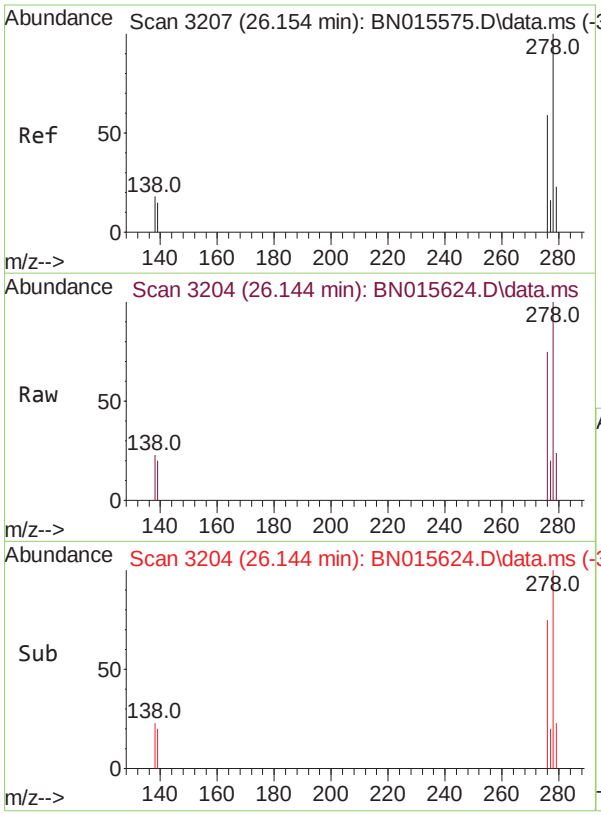


#39
Benzo(a)pyrene
Concen: 0.372 ng
RT: 23.614 min Scan# 2465
Delta R.T. 0.010 min
Lab File: BN015624.D
Acq: 20 Jul 2021 14:23

Tgt Ion:252 Resp: 87269

Ion	Ratio	Lower	Upper
252	100		
253	23.0	19.4	29.2
125	17.9	7.4	11.2#

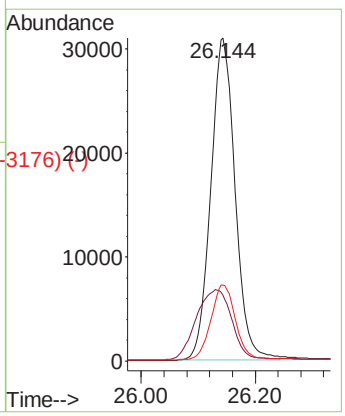


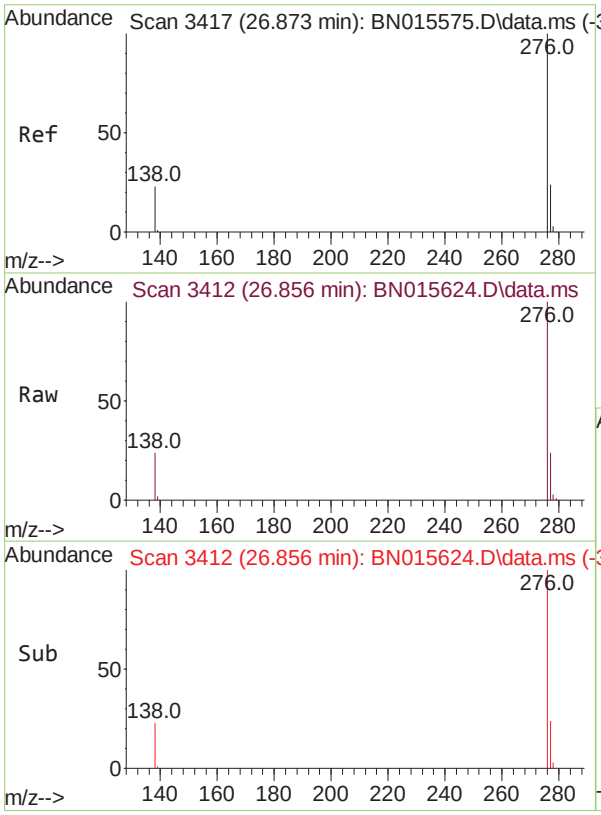


#40
Dibenzo(a,h)anthracene
Concen: 0.467 ng
RT: 26.144 min Scan# 3204
Delta R.T. 0.017 min
Lab File: BN015624.D
Acq: 20 Jul 2021 14:23

Tgt Ion:278 Resp: 91161

Ion	Ratio	Lower	Upper
278	100		
139	20.4	9.0	13.4#
279	23.6	21.0	31.4

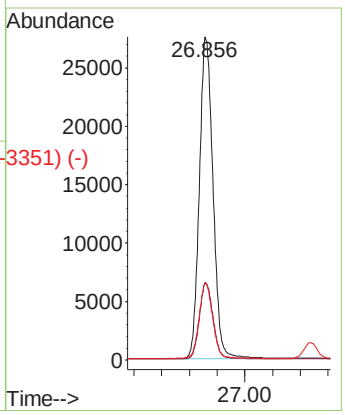




#40
Benzo(g,h,i)perylene
Concen: 0.444 ng
RT: 26.856 min Scan# 3412
Delta R.T. 0.010 min
Lab File: BN015624.D
Acq: 20 Jul 2021 14:23

Tgt Ion:276 Resp: 93578

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.7	29.5
138	23.5	9.8	14.6#



Instrument :
BNA_N
ClientSampleId :