Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE041321\
Data File : BE101293.D
Acq On : 13 Apr 2021 14:36
Operator : CG/JU
Sample : PB135708BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB135708BSD

Quant Time: Apr 14 00:40:11 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-SIM-BE041221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 12 18:02:55 2021
Response via : Initial Calibration

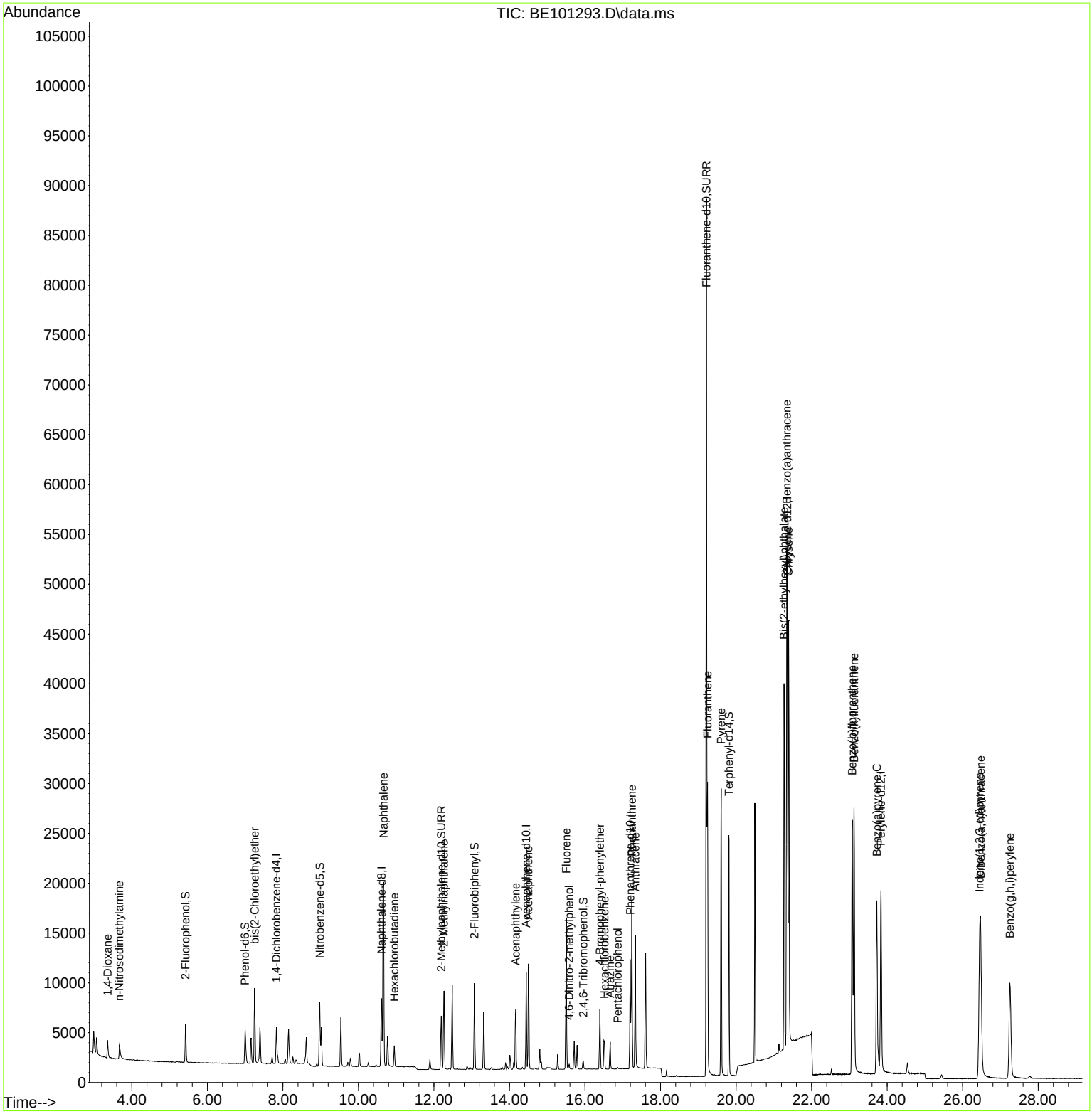
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.828	152	1673	0.40	ng		0.00
7) Naphthalene-d8	10.614	136	7637	0.40	ng	#	0.00
13) Acenaphthene-d10	14.442	164	5496	0.40	ng		0.00
19) Phenanthrene-d10	17.196	188	14733	0.40	ng	#	0.00
29) Chrysene-d12	21.354	240	30353	0.40	ng	#	0.00
36) Perylene-d12	23.837	264	27354	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.420	112	1948	0.39	ng		-0.01
5) Phenol-d6	6.998	99	3039	0.40	ng		0.00
8) Nitrobenzene-d5	8.977	82	2557	0.36	ng		0.00
11) 2-Methylnaphthalene-d10	12.195	152	7055	0.40	ng		0.00
14) 2,4,6-Tribromophenol	15.956	330	526	0.32	ng		0.00
15) 2-Fluorobiphenyl	13.073	172	7636	0.40	ng		0.00
27) Fluoranthene-d10	19.216	212	116984	0.45	ng		0.00
31) Terphenyl-d14	19.813	244	22080	0.30	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.359	88	1144	0.40	ng		97
3) n-Nitrosodimethylamine	3.670	42	1318	0.40	ng	#	4
6) bis(2-Chloroethyl)ether	7.252	93	2401	0.42	ng		96
9) Naphthalene	10.666	128	33734	0.41	ng		99
10) Hexachlorobutadiene	10.952	225	1438	0.41	ng		99
12) 2-Methylnaphthalene	12.267	142	5766	0.40	ng		97
16) Acenaphthylene	14.168	152	7957	0.35	ng		100
17) Acenaphthene	14.500	154	6081	0.39	ng		97
18) Fluorene	15.503	166	8190	0.39	ng		99
20) 4,6-Dinitro-2-methylph...	15.578	198	371	0.35	ng		88
21) 4-Bromophenyl-phenylether	16.395	248	2798	0.37	ng	#	79
22) Hexachlorobenzene	16.516	284	2749	0.38	ng		99
23) Atrazine	16.667	200	2264	0.34	ng	#	90
24) Pentachlorophenol	16.863	266	132	0.39	ng		89
25) Phenanthrene	17.241	178	17131	0.40	ng		100
26) Anthracene	17.332	178	14163	0.37	ng		99
28) Fluoranthene	19.244	202	25854	0.46	ng		99
30) Pyrene	19.606	202	26825	0.27	ng		99
32) Benzo(a)anthracene	21.342	228	36928	0.39	ng		99
33) Chrysene	21.390	228	39801	0.40	ng		99
34) Bis(2-ethylhexyl)phtha...	21.269	149	47589	0.38	ng		100
35) Indeno(1,2,3-cd)pyrene	26.449	276	26713	0.27	ng		99
37) Benzo(b)fluoranthene	23.074	252	37121	0.40	ng		100
38) Benzo(k)fluoranthene	23.124	252	39712	0.42	ng		99
39) Benzo(a)pyrene	23.727	252	30316	0.37	ng		99
40) Dibenzo(a,h)anthracene	26.477	278	22908	0.28	ng		98
41) Benzo(g,h,i)perylene	27.251	276	23698	0.28	ng		99

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

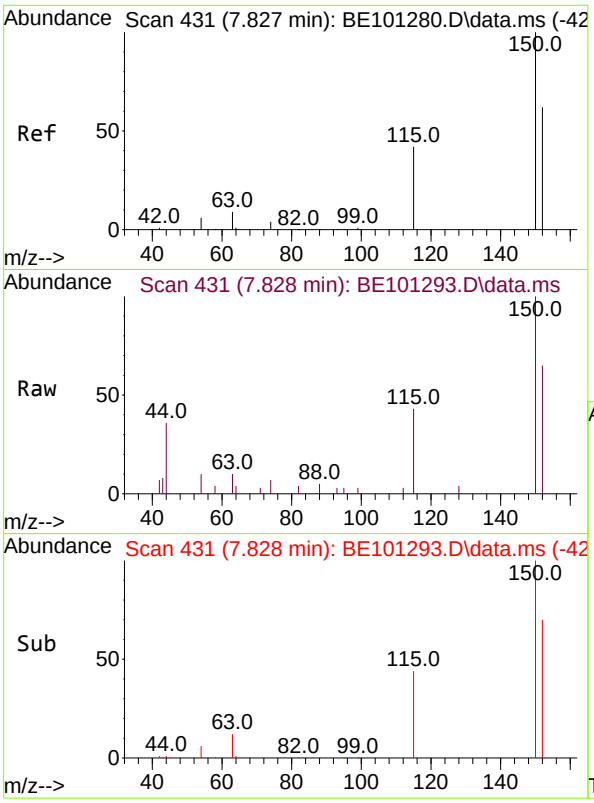
Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE041321\
Data File : BE101293.D
Acq On : 13 Apr 2021 14:36
Operator : CG/JU
Sample : PB135708BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB135708BSD

Quant Time: Apr 14 00:40:11 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-SIM-BE041221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 12 18:02:55 2021
Response via : Initial Calibration



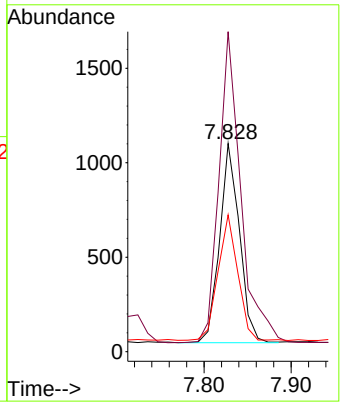
Instrument :
BNA_E
ClientSampleId :
PB135708BSD

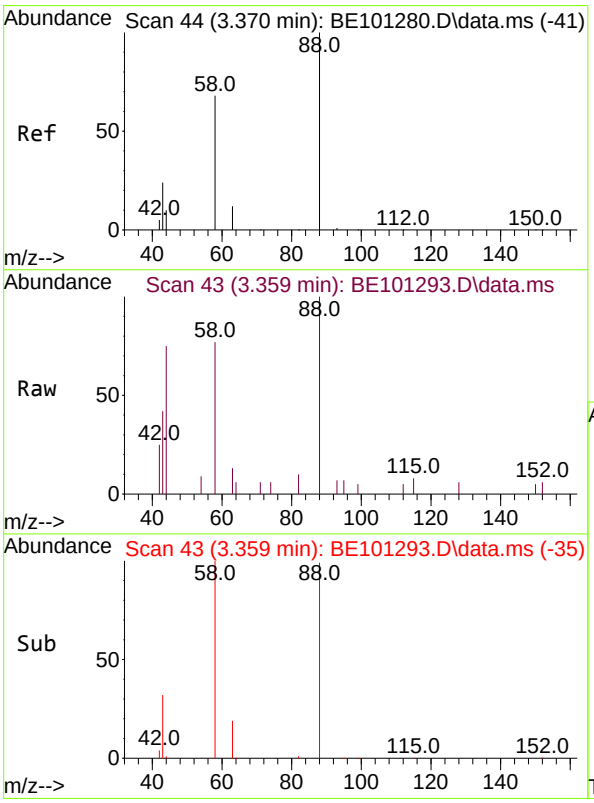


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.828 min Scan# 431
Delta R.T. 0.001 min
Lab File: BE101293.D
Acq: 13 Apr 2021 14:36

Tgt Ion:152 Resp: 1673

Ion	Ratio	Lower	Upper
152	100		
150	153.7	116.9	175.3
115	65.7	44.5	66.7

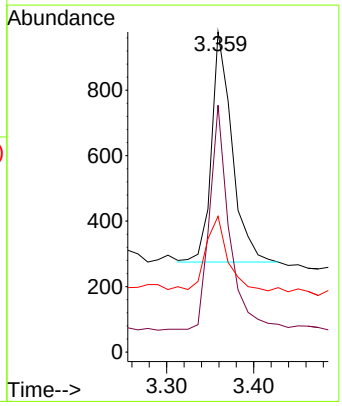




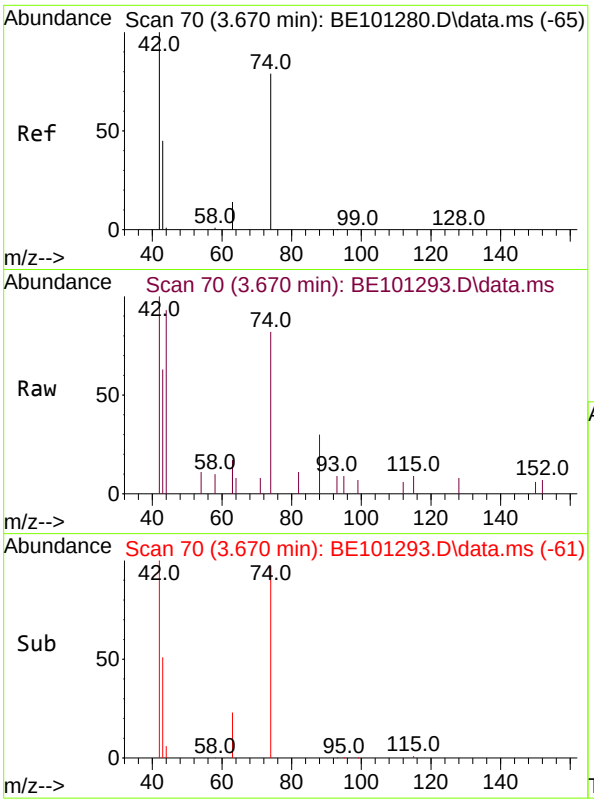
#2
1,4-Dioxane
Concen: 0.40 ng
RT: 3.359 min Scan# 43
Delta R.T. -0.011 min
Lab File: BE101293.D
Acq: 13 Apr 2021 14:36

Tgt Ion: 88 Resp: 1144

Ion	Ratio	Lower	Upper
88	100		
58	95.3	73.6	110.4
43	34.2	27.6	41.4



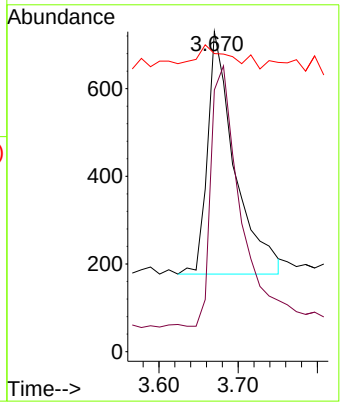
Instrument :
BNA_E
ClientSampleId :
PB135708BSD

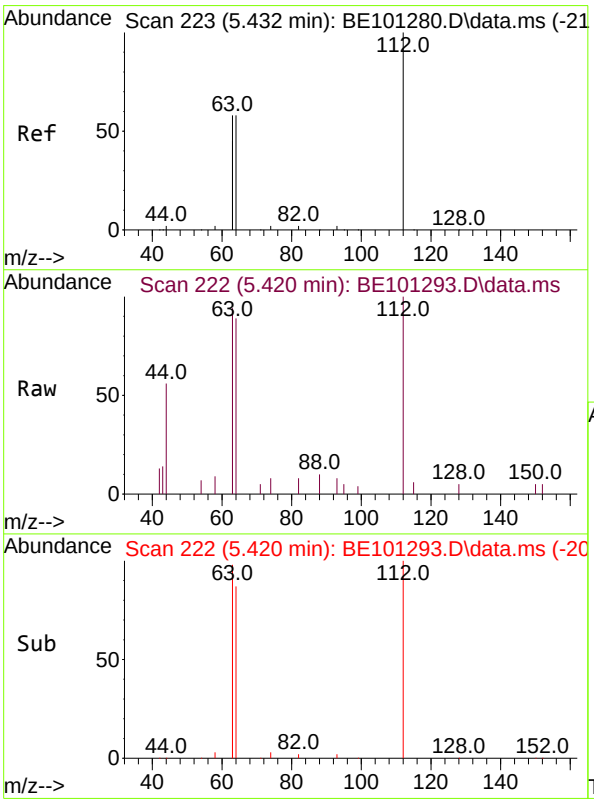


#3
n-Nitrosodimethylamine
Concen: 0.40 ng
RT: 3.670 min Scan# 70
Delta R.T. 0.000 min
Lab File: BE101293.D
Acq: 13 Apr 2021 14:36

Tgt Ion: 42 Resp: 1318

Ion	Ratio	Lower	Upper
42	100		
74	0.0	92.7	139.1#
44	12.3	10.7	16.1

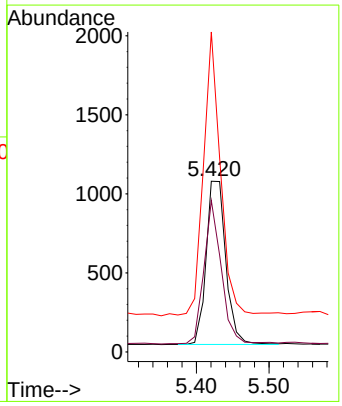


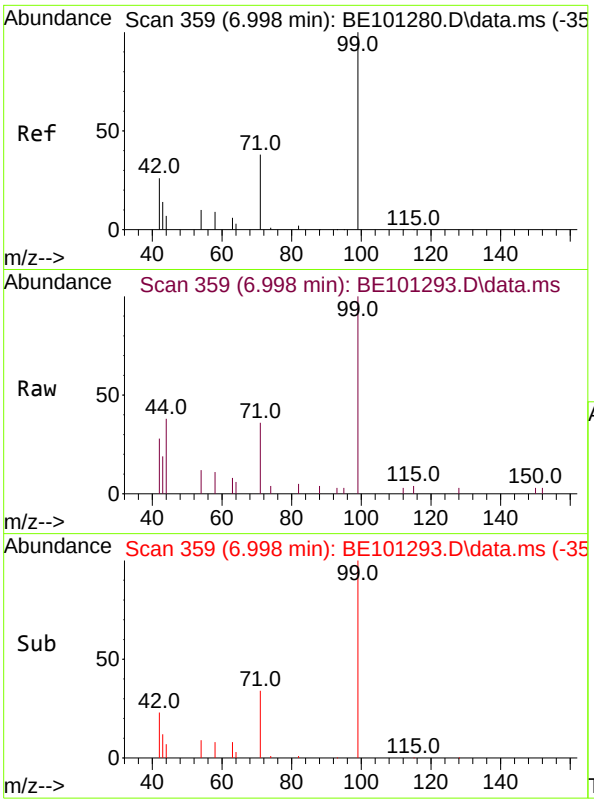


#4
2-Fluorophenol
Concen: 0.39 ng
RT: 5.420 min Scan# 222
Delta R.T. -0.011 min
Lab File: BE101293.D
Acq: 13 Apr 2021 14:36

Tgt Ion:112 Resp: 1948

Ion	Ratio	Lower	Upper
112	100		
64	77.9	62.3	93.5
63	150.9	117.3	175.9

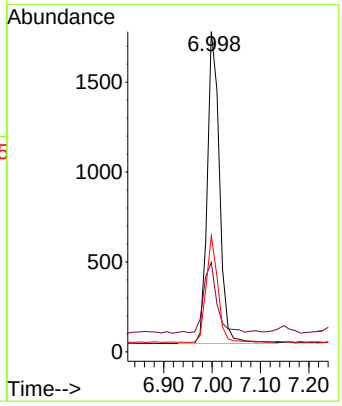




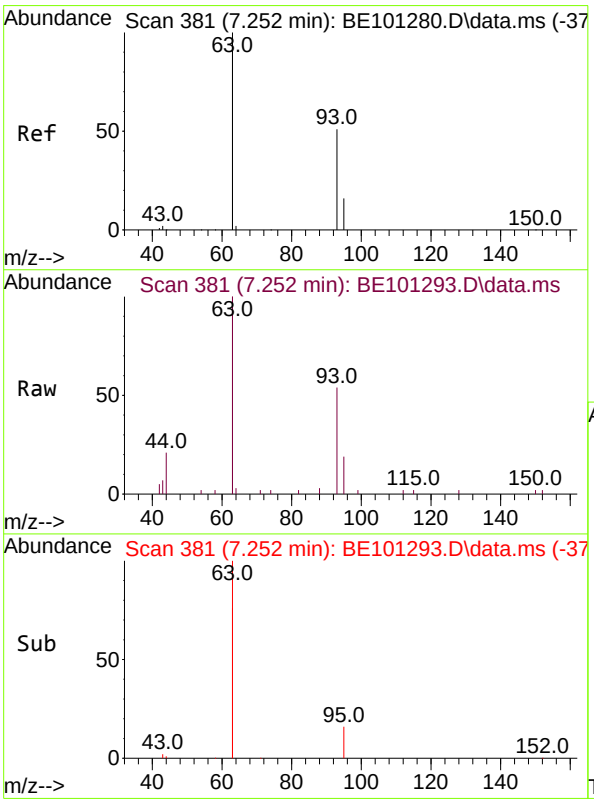
#5
Phenol-d6
Concen: 0.40 ng
RT: 6.998 min Scan# 359
Delta R.T. 0.000 min
Lab File: BE101293.D
Acq: 13 Apr 2021 14:36

Tgt Ion: 99 Resp: 3039

Ion	Ratio	Lower	Upper
99	100		
42	25.3	18.5	27.7
71	32.8	26.5	39.7



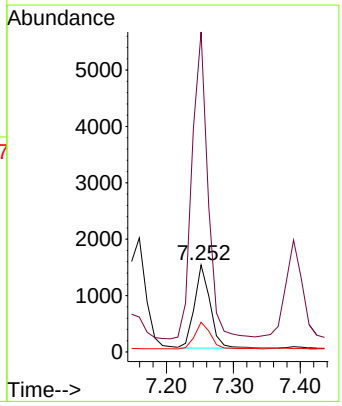
Instrument :
BNA_E
ClientSampleId :
PB135708BSD

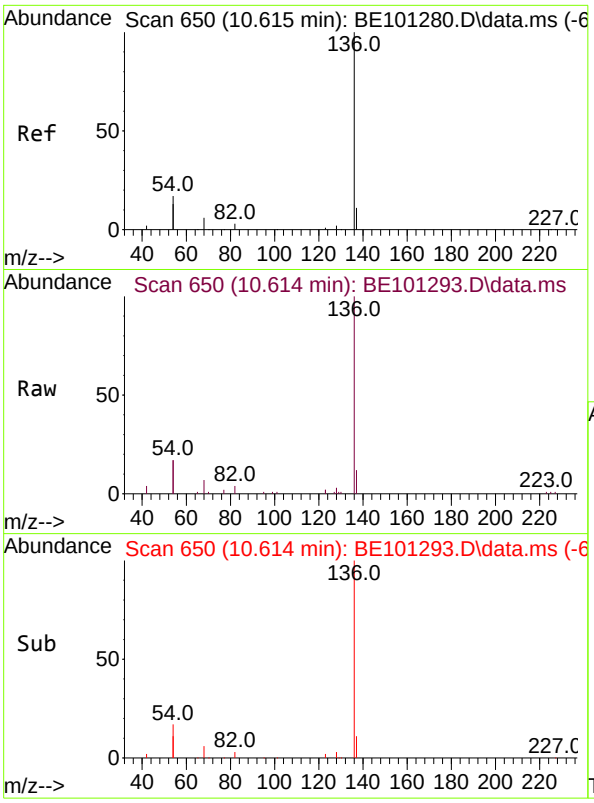


#6
bis(2-Chloroethyl)ether
Concen: 0.42 ng
RT: 7.252 min Scan# 381
Delta R.T. 0.000 min
Lab File: BE101293.D
Acq: 13 Apr 2021 14:36

Tgt Ion: 93 Resp: 2401

Ion	Ratio	Lower	Upper
93	100		
63	374.3	292.5	438.7
95	32.7	25.7	38.5

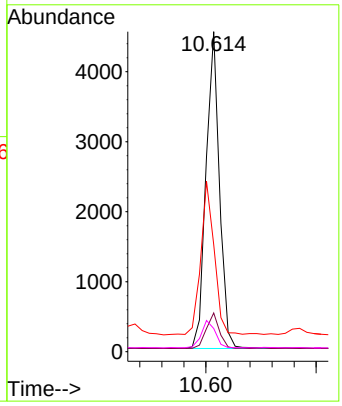




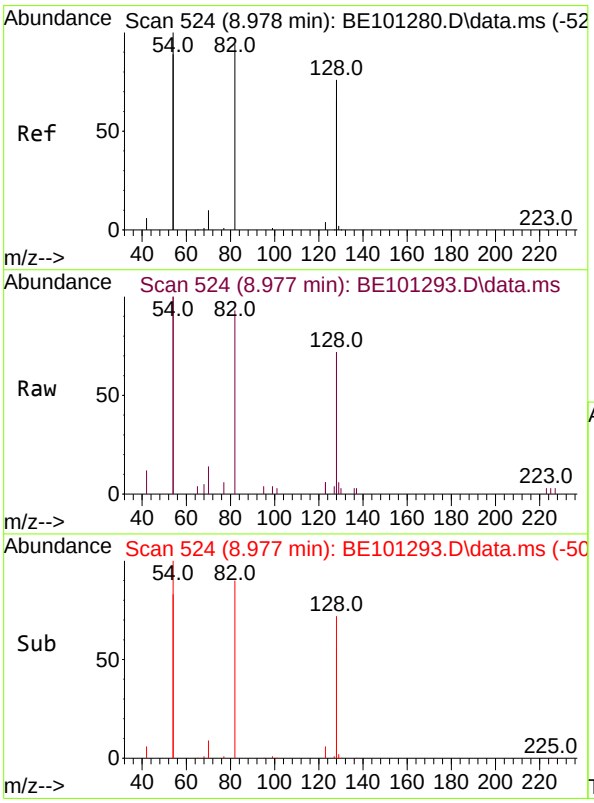
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.614 min Scan# 650
Delta R.T. -0.001 min
Lab File: BE101293.D
Acq: 13 Apr 2021 14:36

Tgt Ion:136 Resp: 7637

Ion	Ratio	Lower	Upper
136	100		
137	12.1	8.6	13.0
54	33.5	34.7	52.1#
68	7.3	7.0	10.4



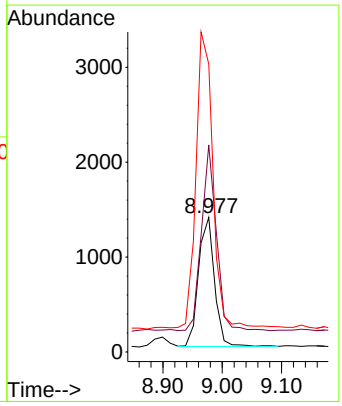
Instrument :
BNA_E
ClientSampleId :
PB135708BSD

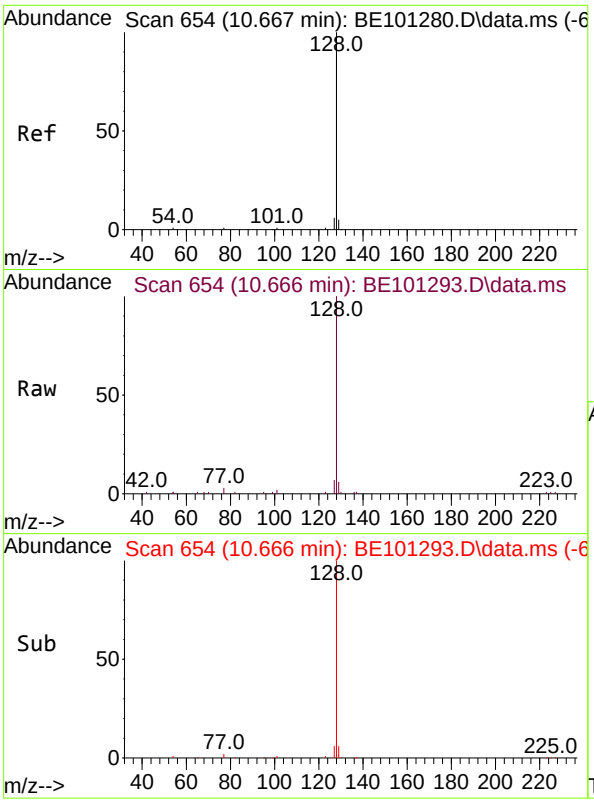


#8
Nitrobenzene-d5
Concen: 0.36 ng
RT: 8.977 min Scan# 524
Delta R.T. -0.001 min
Lab File: BE101293.D
Acq: 13 Apr 2021 14:36

Tgt Ion: 82 Resp: 2557

Ion	Ratio	Lower	Upper
82	100		
128	153.9	118.7	178.1
54	214.0	164.4	246.6

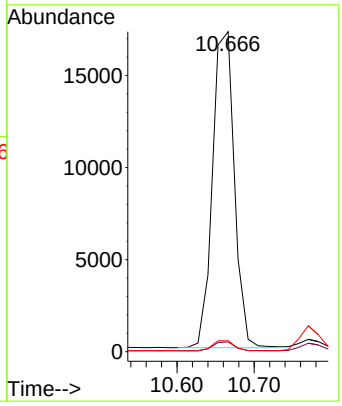




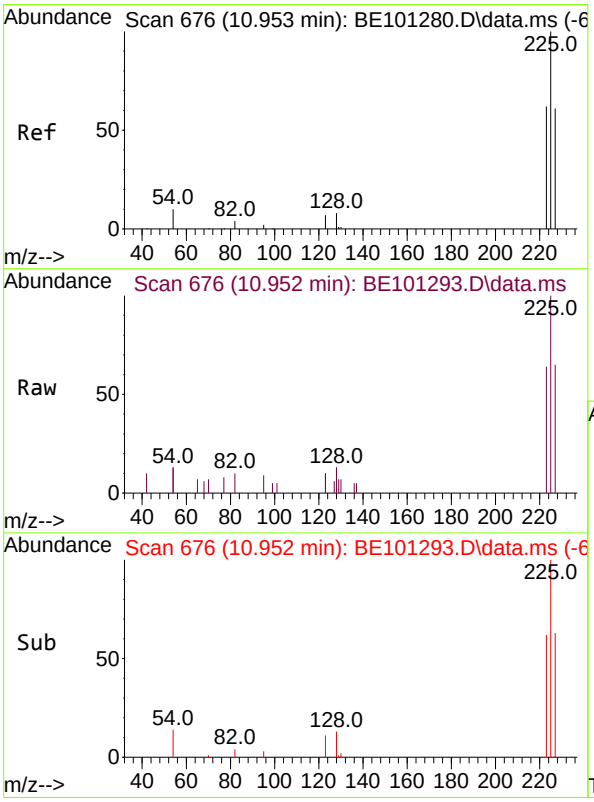
#9
Naphthalene
Concen: 0.41 ng
RT: 10.666 min Scan# 654
Delta R.T. -0.001 min
Lab File: BE101293.D
Acq: 13 Apr 2021 14:36

Tgt Ion:128 Resp: 33734

Ion	Ratio	Lower	Upper
128	100		
129	3.1	2.2	3.4
127	3.4	2.6	3.8



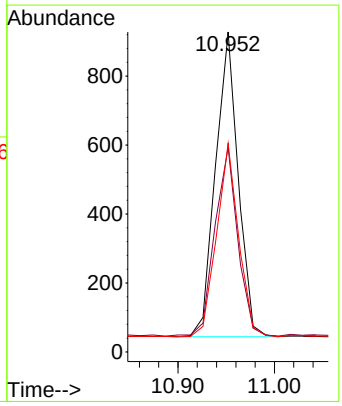
Instrument :
BNA_E
ClientSampleId :
PB135708BSD



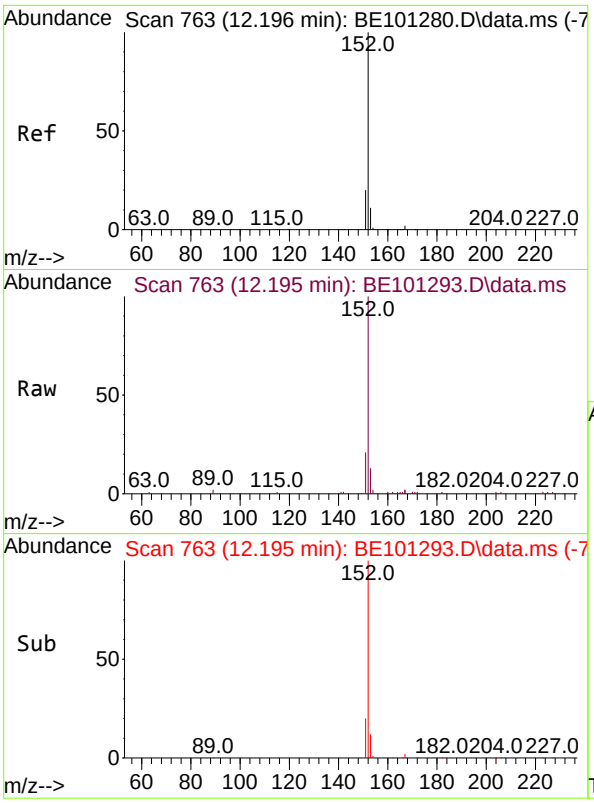
#10
Hexachlorobutadiene
Concen: 0.41 ng
RT: 10.952 min Scan# 676
Delta R.T. -0.001 min
Lab File: BE101293.D
Acq: 13 Apr 2021 14:36

Tgt Ion:225 Resp: 1438

Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.4	75.6
227	61.6	50.1	75.1



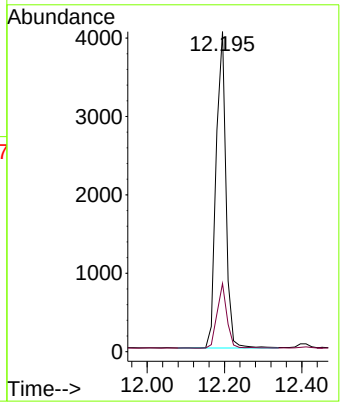
Instrument :
BNA_E
ClientSampleId :
PB135708BSD

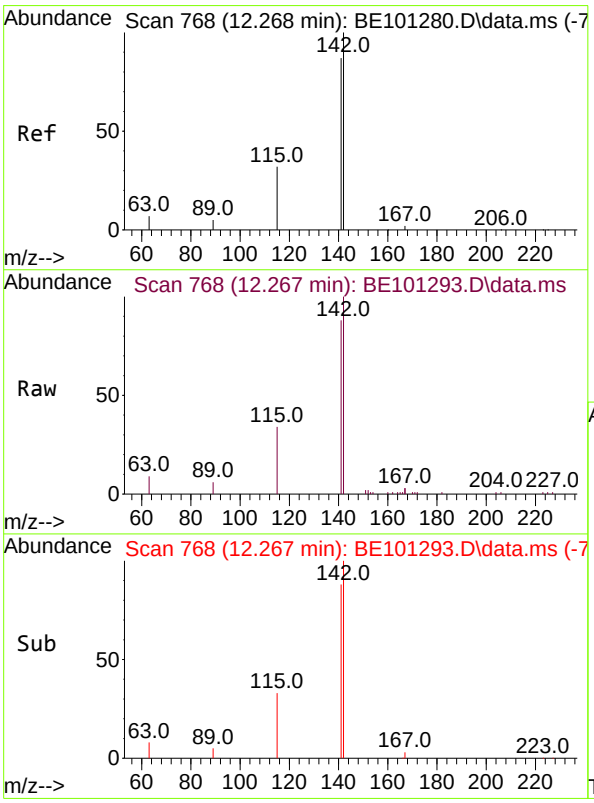


#11
2-Methylnaphthalene-d10
Concen: 0.40 ng
RT: 12.195 min Scan# 763
Delta R.T. -0.001 min
Lab File: BE101293.D
Acq: 13 Apr 2021 14:36

Tgt Ion:152 Resp: 7055

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.5	24.7

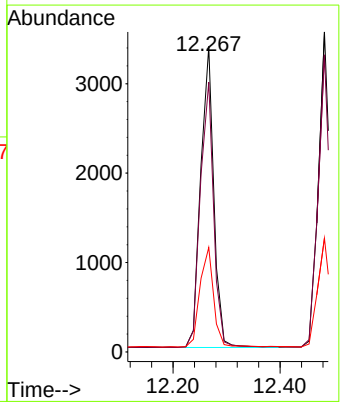




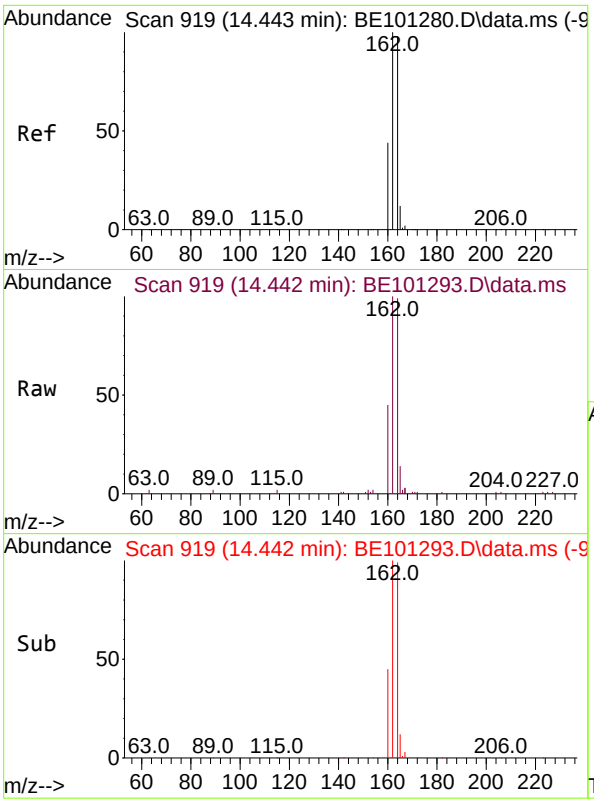
#12
2-Methylnaphthalene
Concen: 0.40 ng
RT: 12.267 min Scan# 768
Delta R.T. -0.001 min
Lab File: BE101293.D
Acq: 13 Apr 2021 14:36

Tgt Ion:142 Resp: 5766

Ion	Ratio	Lower	Upper
142	100		
141	88.3	73.0	109.6
115	34.2	27.8	41.8



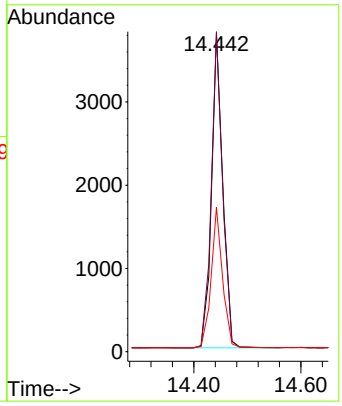
Instrument :
BNA_E
ClientSampleId :
PB135708BSD

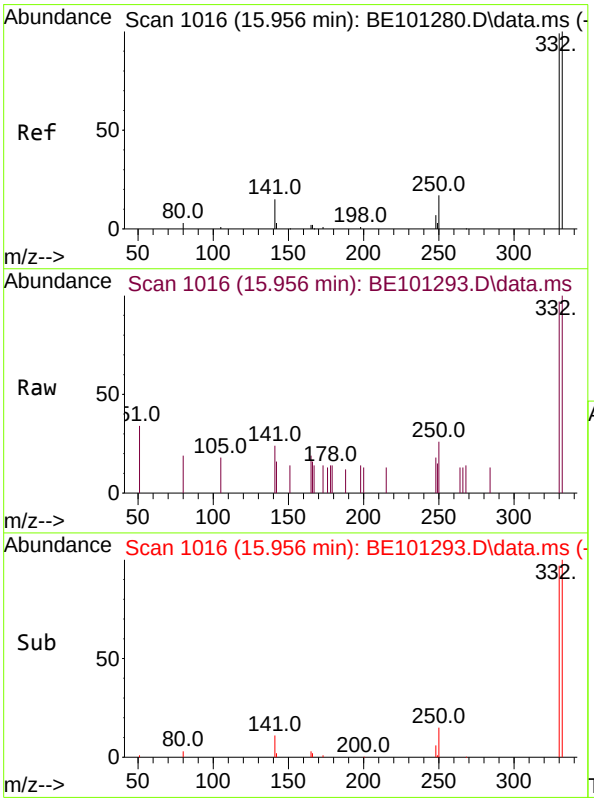


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.442 min Scan# 919
Delta R.T. -0.001 min
Lab File: BE101293.D
Acq: 13 Apr 2021 14:36

Tgt Ion:164 Resp: 5496

Ion	Ratio	Lower	Upper
164	100		
162	100.5	85.3	127.9
160	45.4	39.1	58.7

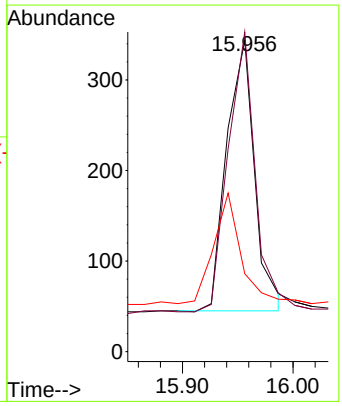




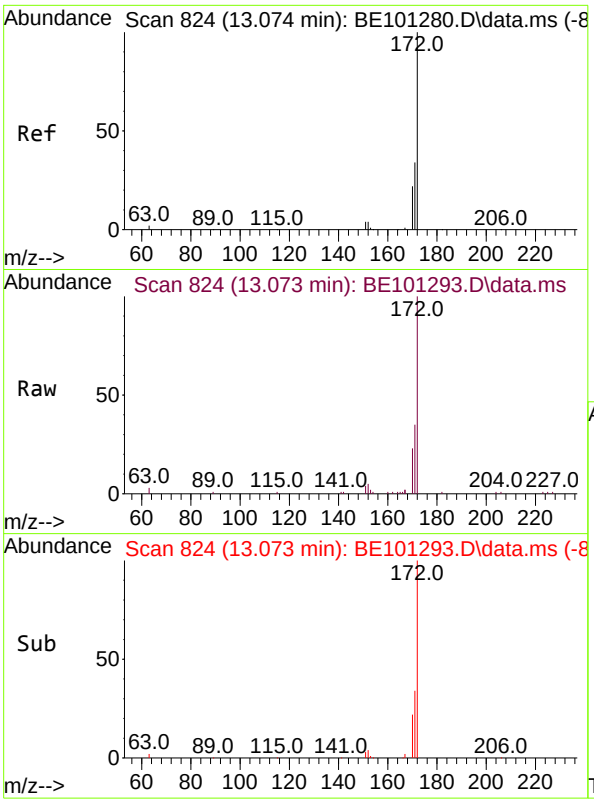
#14
2,4,6-Tribromophenol
Concen: 0.32 ng
RT: 15.956 min Scan# 1016
Delta R.T. 0.001 min
Lab File: BE101293.D
Acq: 13 Apr 2021 14:36

Tgt Ion:330 Resp: 526

Ion	Ratio	Lower	Upper
330	100		
332	100.2	77.8	116.6
141	39.5	30.4	45.6



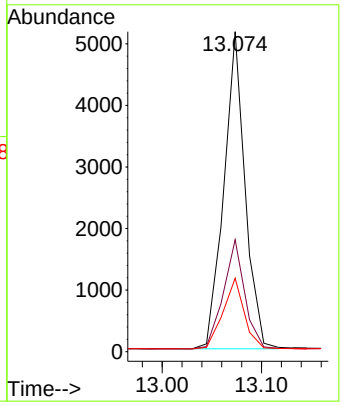
Instrument :
BNA_E
ClientSampleId :
PB135708BSD

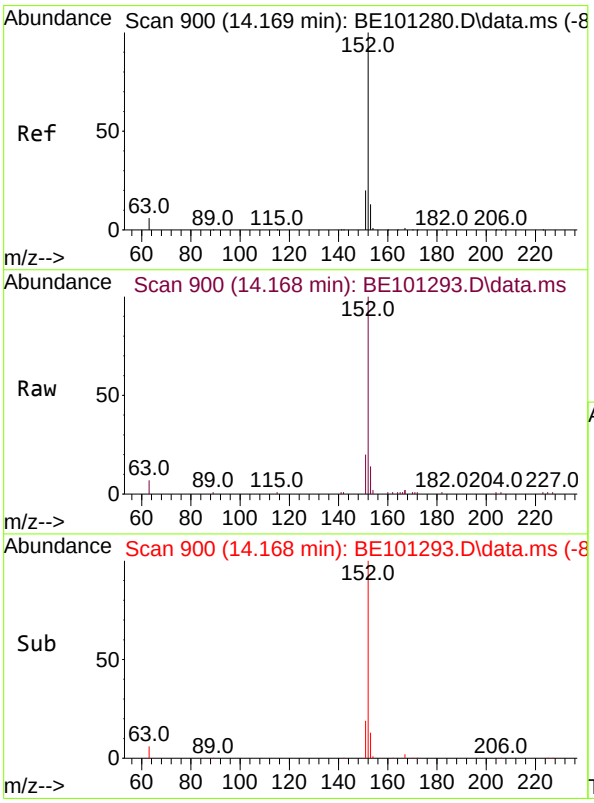


#15
2-Fluorobiphenyl
Concen: 0.40 ng
RT: 13.073 min Scan# 824
Delta R.T. -0.001 min
Lab File: BE101293.D
Acq: 13 Apr 2021 14:36

Tgt Ion:172 Resp: 7636

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.7	43.1
170	23.0	19.3	28.9

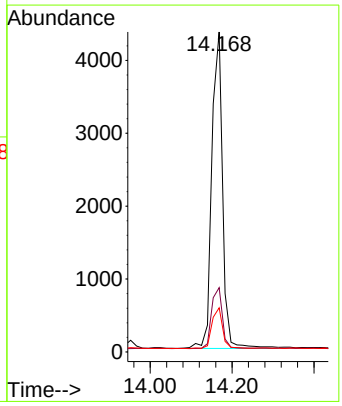


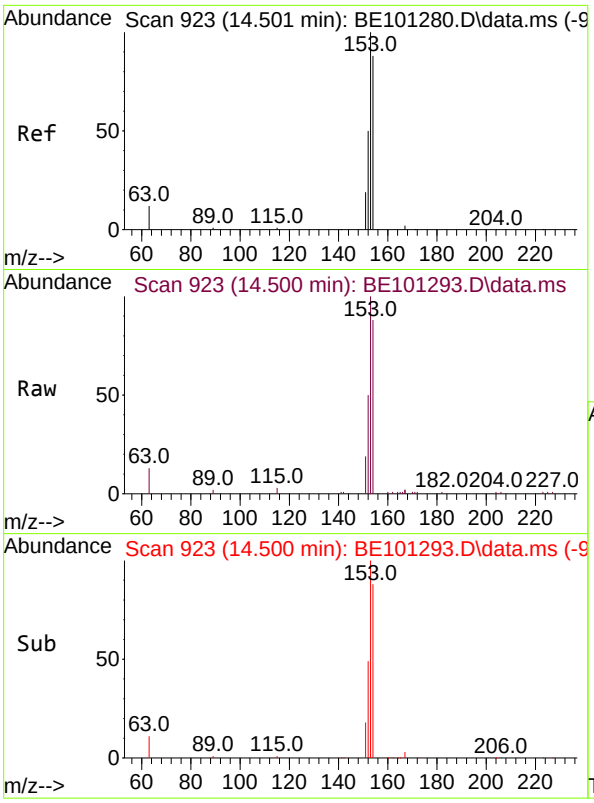


#16
Acenaphthylene
Concen: 0.35 ng
RT: 14.168 min Scan# 900
Delta R.T. -0.001 min
Lab File: BE101293.D
Acq: 13 Apr 2021 14:36

Tgt Ion:152 Resp: 7957

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.4	23.2
153	12.7	10.0	15.0

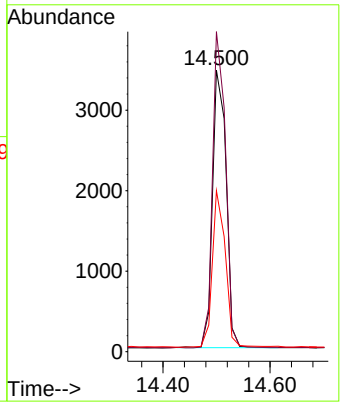




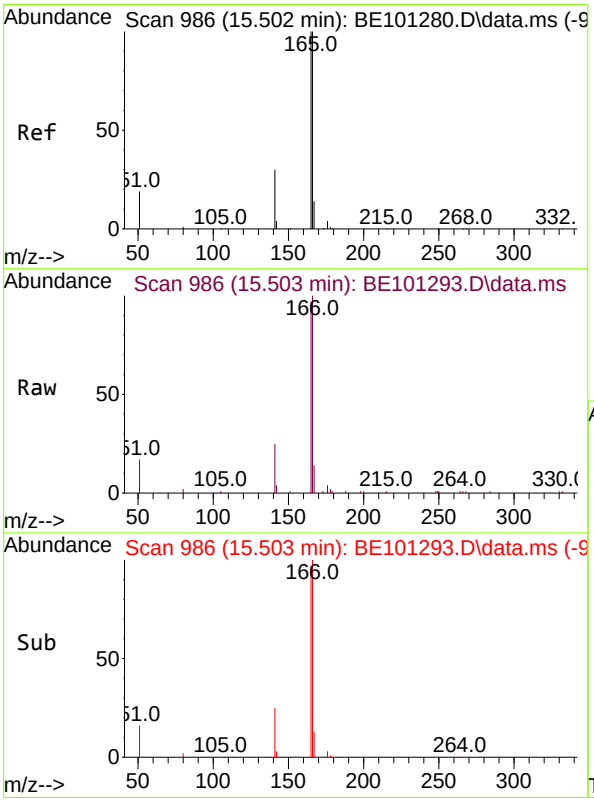
#17
Acenaphthene
Concen: 0.39 ng
RT: 14.500 min Scan# 923
Delta R.T. -0.001 min
Lab File: BE101293.D
Acq: 13 Apr 2021 14:36

Tgt Ion:154 Resp: 6081

Ion	Ratio	Lower	Upper
154	100		
153	109.7	84.9	127.3
152	54.1	42.7	64.1



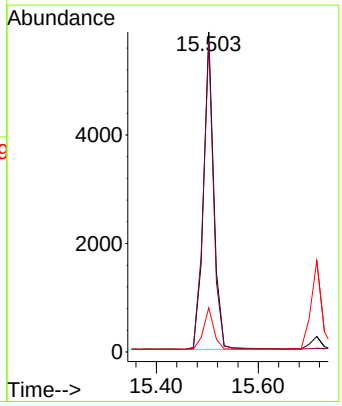
Instrument :
BNA_E
ClientSampleId :
PB135708BSD



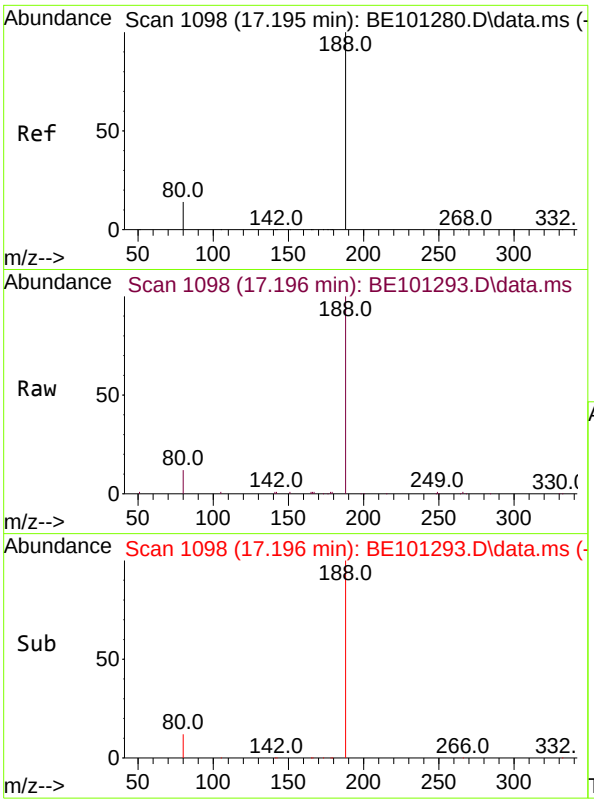
#18
Fluorene
Concen: 0.39 ng
RT: 15.503 min Scan# 986
Delta R.T. 0.001 min
Lab File: BE101293.D
Acq: 13 Apr 2021 14:36

Tgt Ion:166 Resp: 8190

Ion	Ratio	Lower	Upper
166	100		
165	97.2	79.0	118.4
167	13.3	11.0	16.4



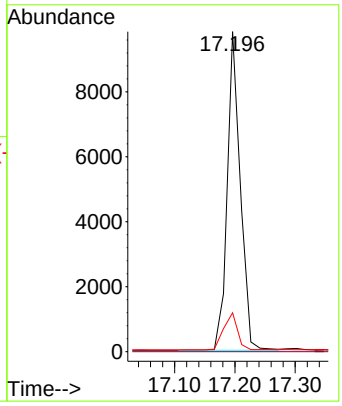
Instrument :
BNA_E
ClientSampleId :
PB135708BSD

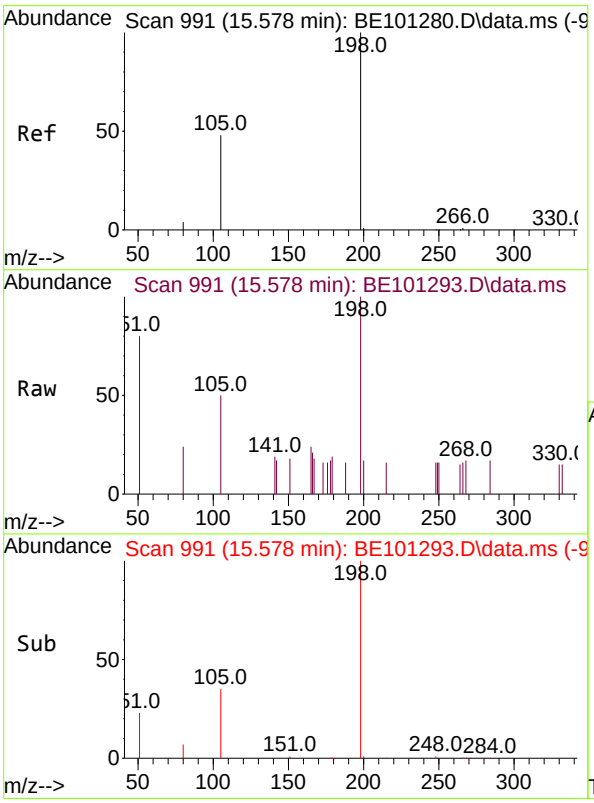


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.196 min Scan# 1098
Delta R.T. 0.001 min
Lab File: BE101293.D
Acq: 13 Apr 2021 14:36

Tgt Ion:188 Resp: 14733

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.1	4.6	6.8#

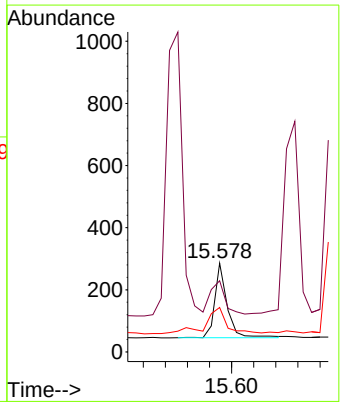




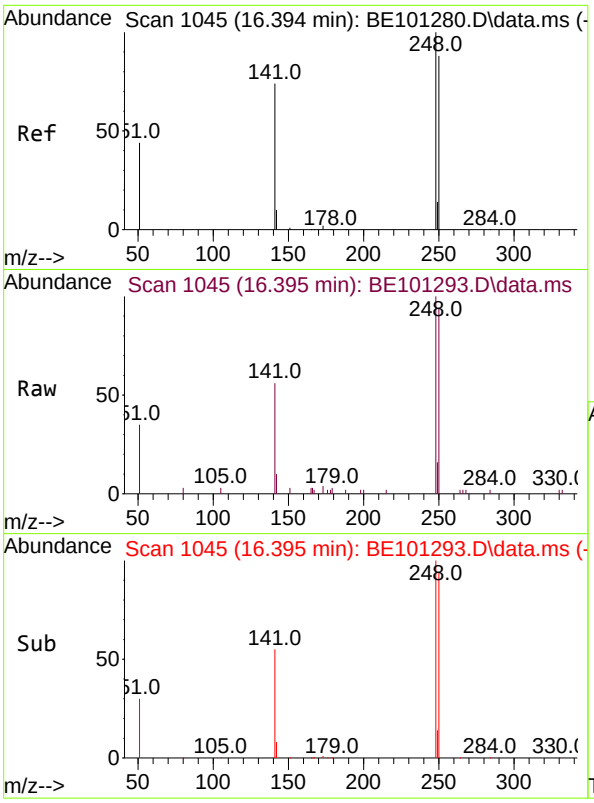
#20
4,6-Dinitro-2-methylphenol
Concen: 0.35 ng
RT: 15.578 min Scan# 991
Delta R.T. 0.000 min
Lab File: BE101293.D
Acq: 13 Apr 2021 14:36

Tgt Ion:198 Resp: 371

Ion	Ratio	Lower	Upper
198	100		
51	80.1	55.9	83.9
105	50.0	33.6	50.4



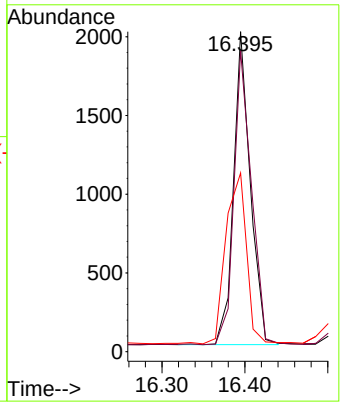
Instrument :
BNA_E
ClientSampleId :
PB135708BSD

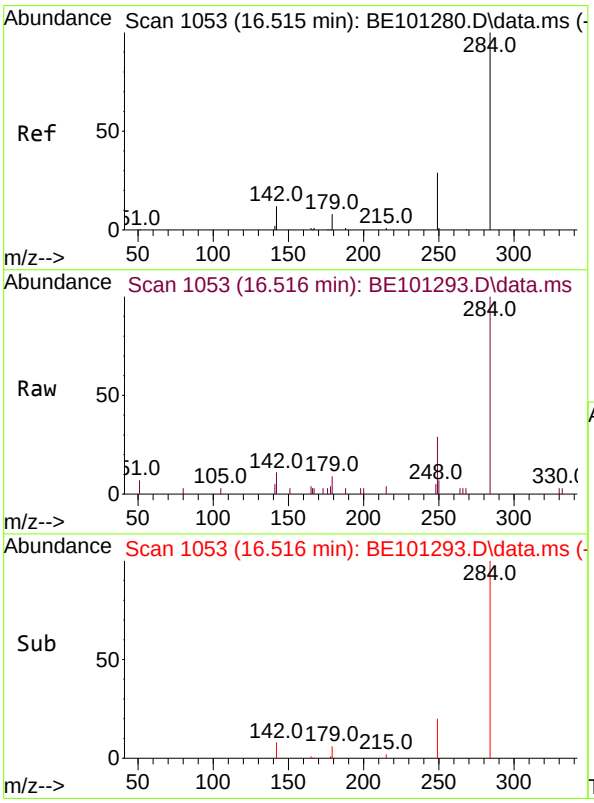


#21
4-Bromophenyl-phenylether
Concen: 0.37 ng
RT: 16.395 min Scan# 1045
Delta R.T. 0.001 min
Lab File: BE101293.D
Acq: 13 Apr 2021 14:36

Tgt Ion:248 Resp: 2798

Ion	Ratio	Lower	Upper
248	100		
250	94.0	84.5	126.7
141	55.9	19.8	29.8#

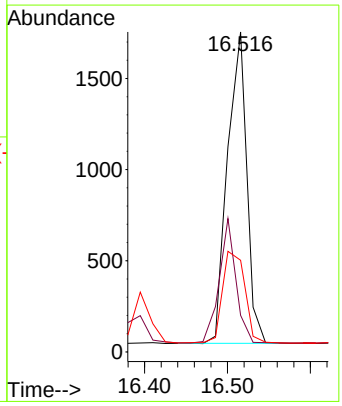




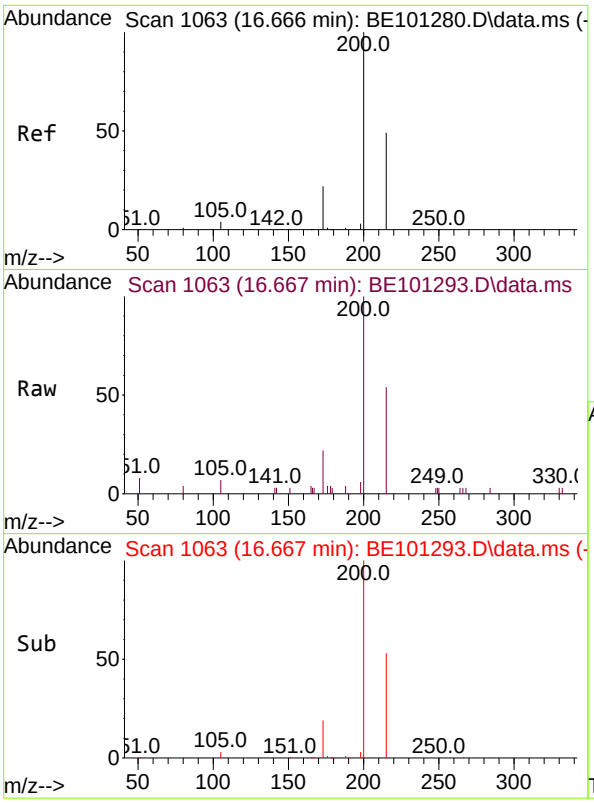
#22
Hexachlorobenzene
Concen: 0.38 ng
RT: 16.516 min Scan# 1053
Delta R.T. 0.001 min
Lab File: BE101293.D
Acq: 13 Apr 2021 14:36

Tgt Ion:284 Resp: 2749

Ion	Ratio	Lower	Upper
284	100		
142	34.6	27.4	41.0
249	34.1	26.5	39.7



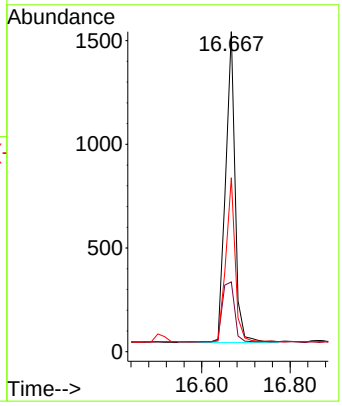
Instrument :
BNA_E
ClientSampleId :
PB135708BSD

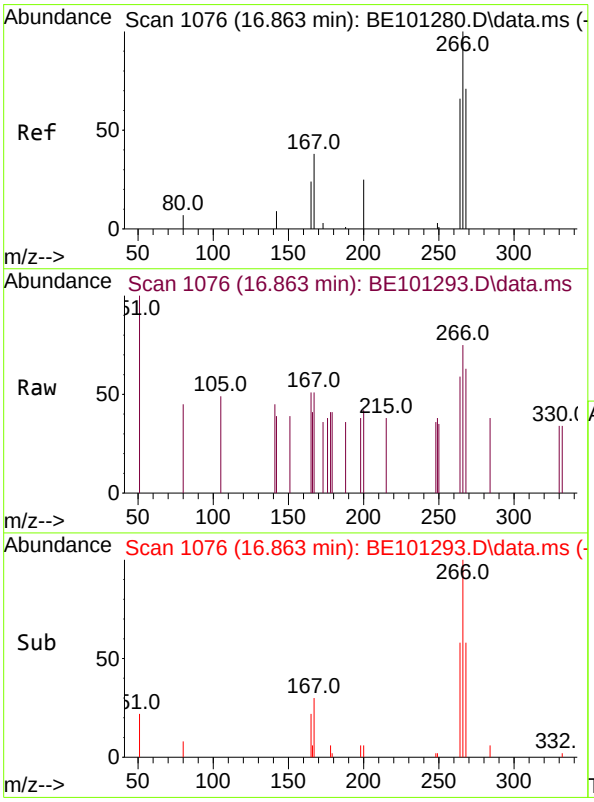


#23
Atrazine
Concen: 0.34 ng
RT: 16.667 min Scan# 1063
Delta R.T. 0.001 min
Lab File: BE101293.D
Acq: 13 Apr 2021 14:36

Tgt Ion:200 Resp: 2264

Ion	Ratio	Lower	Upper
200	100		
173	21.8	21.9	32.9#
215	54.4	38.6	57.8

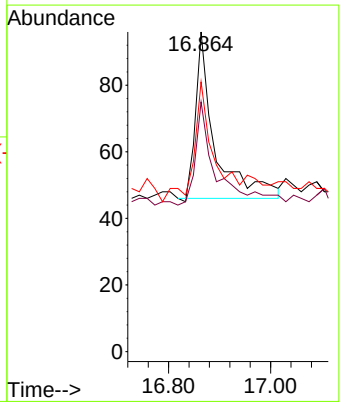




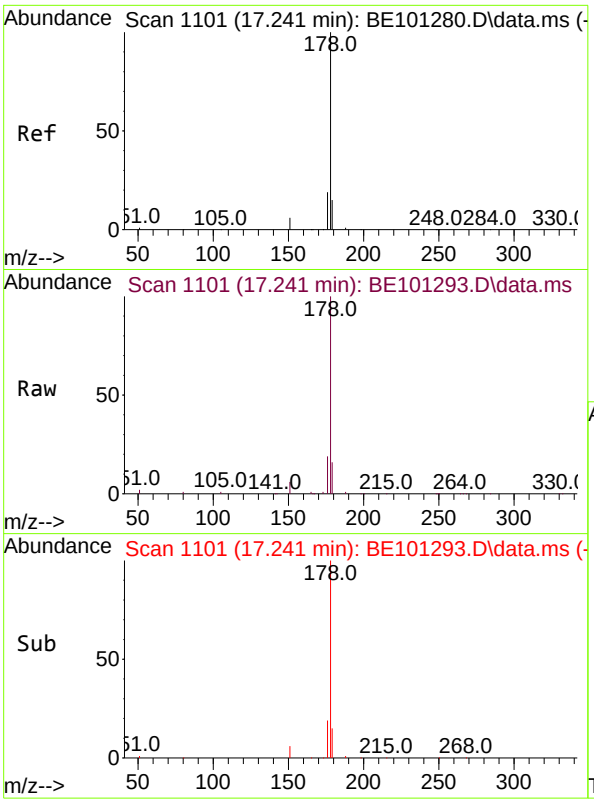
#24
Pentachlorophenol
Concen: 0.39 ng
RT: 16.863 min Scan# 1076
Delta R.T. 0.000 min
Lab File: BE101293.D
Acq: 13 Apr 2021 14:36

Tgt Ion:266 Resp: 132

Ion	Ratio	Lower	Upper
266	100		
264	67.4	49.1	73.7
268	74.2	50.6	76.0



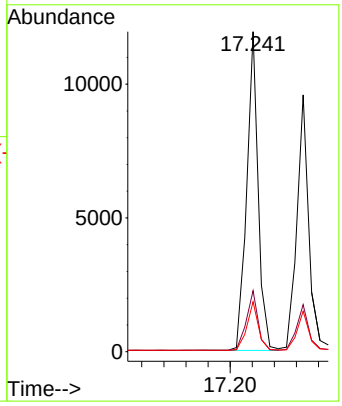
Instrument :
BNA_E
ClientSampleId :
PB135708BSD

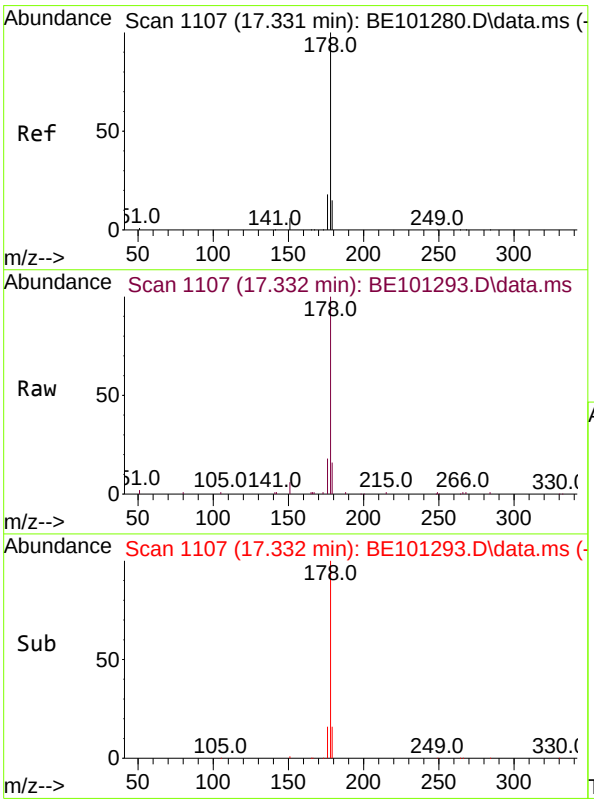


#25
Phenanthrene
Concen: 0.40 ng
RT: 17.241 min Scan# 1101
Delta R.T. 0.001 min
Lab File: BE101293.D
Acq: 13 Apr 2021 14:36

Tgt Ion:178 Resp: 17131

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.6
179	15.2	12.2	18.4

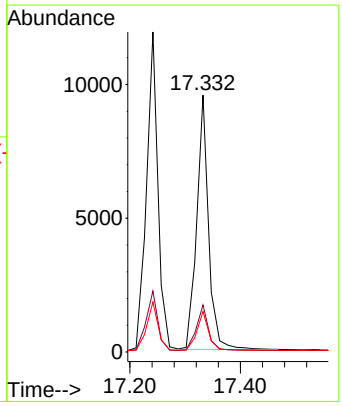




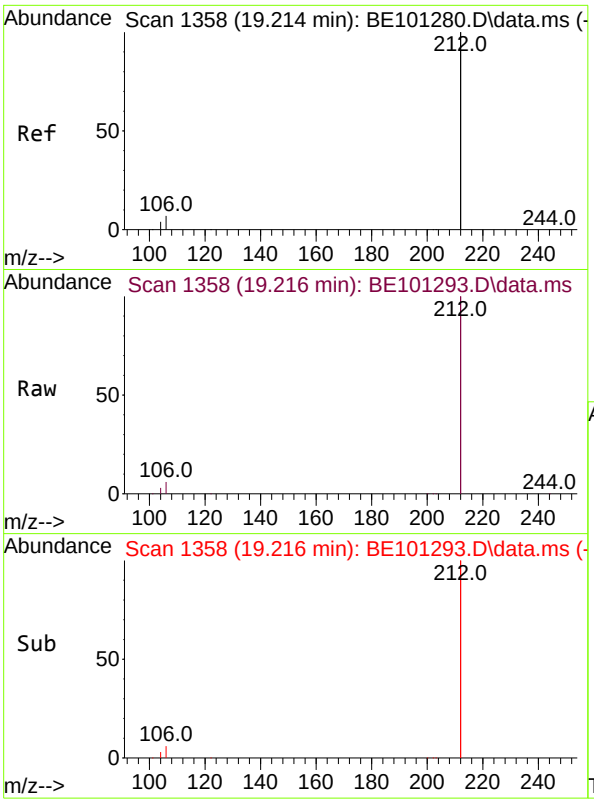
#26
Anthracene
Concen: 0.37 ng
RT: 17.332 min Scan# 1107
Delta R.T. 0.001 min
Lab File: BE101293.D
Acq: 13 Apr 2021 14:36

Tgt Ion:178 Resp: 14163

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.4	21.6
179	15.2	11.8	17.8



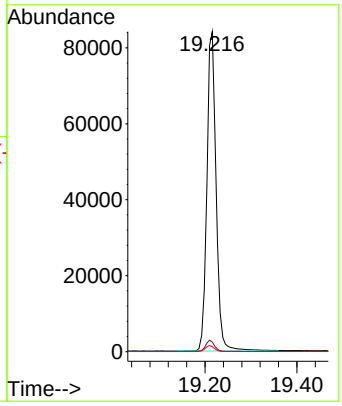
Instrument :
BNA_E
ClientSampleId :
PB135708BSD

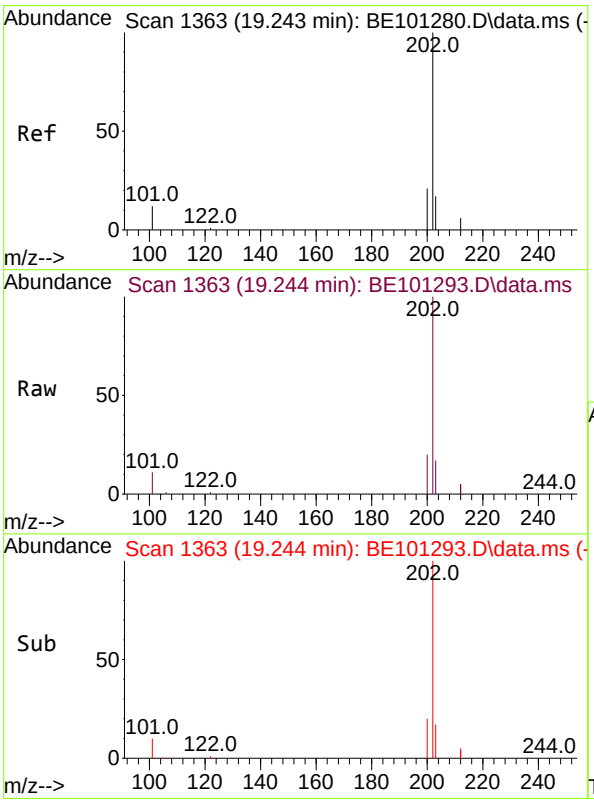


#27
Fluoranthene-d10
Concen: 0.45 ng
RT: 19.216 min Scan# 1358
Delta R.T. 0.001 min
Lab File: BE101293.D
Acq: 13 Apr 2021 14:36

Tgt Ion:212 Resp: 116984

Ion	Ratio	Lower	Upper
212	100		
106	3.4	2.6	4.0
104	1.8	1.4	2.2

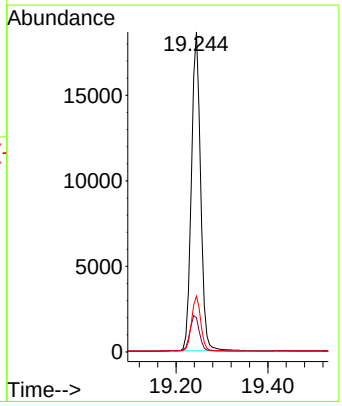




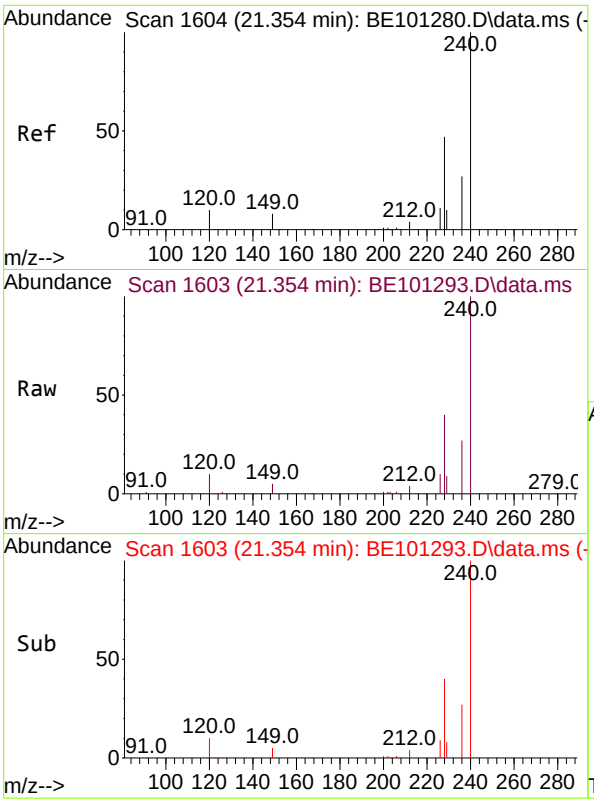
#28
Fluoranthene
Concen: 0.46 ng
RT: 19.244 min Scan# 1363
Delta R.T. 0.001 min
Lab File: BE101293.D
Acq: 13 Apr 2021 14:36

Tgt Ion:202 Resp: 25854

Ion	Ratio	Lower	Upper
202	100		
101	11.8	9.1	13.7
203	17.2	13.6	20.4



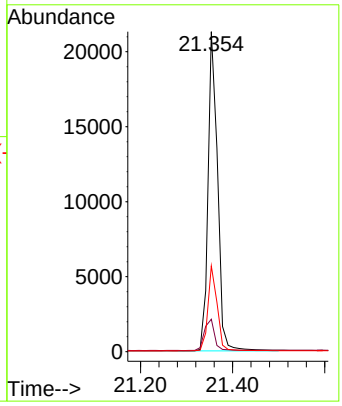
Instrument :
BNA_E
ClientSampleId :
PB135708BSD

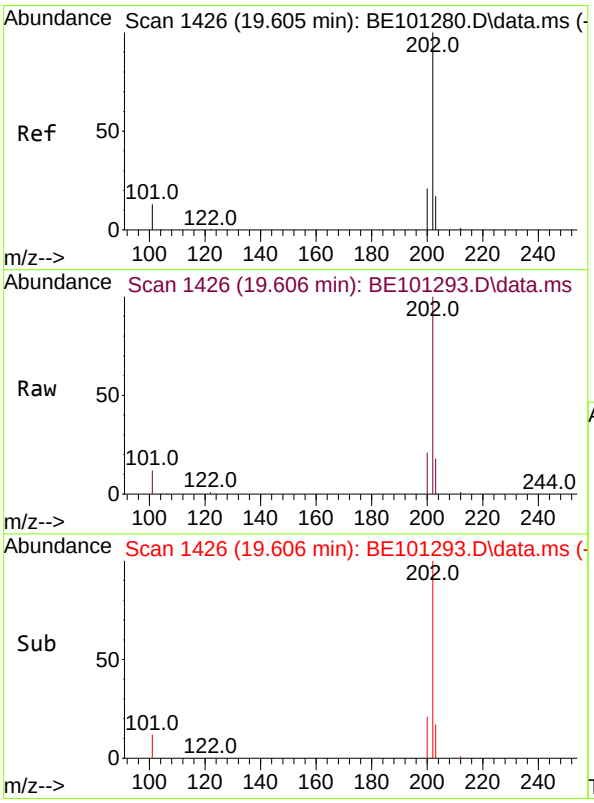


#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.354 min Scan# 1603
Delta R.T. -0.001 min
Lab File: BE101293.D
Acq: 13 Apr 2021 14:36

Tgt Ion:240 Resp: 30353

Ion	Ratio	Lower	Upper
240	100		
120	10.2	10.2	15.4#
236	26.8	21.7	32.5

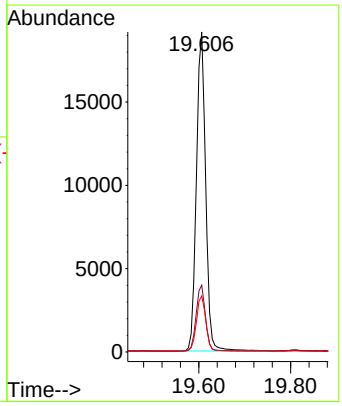




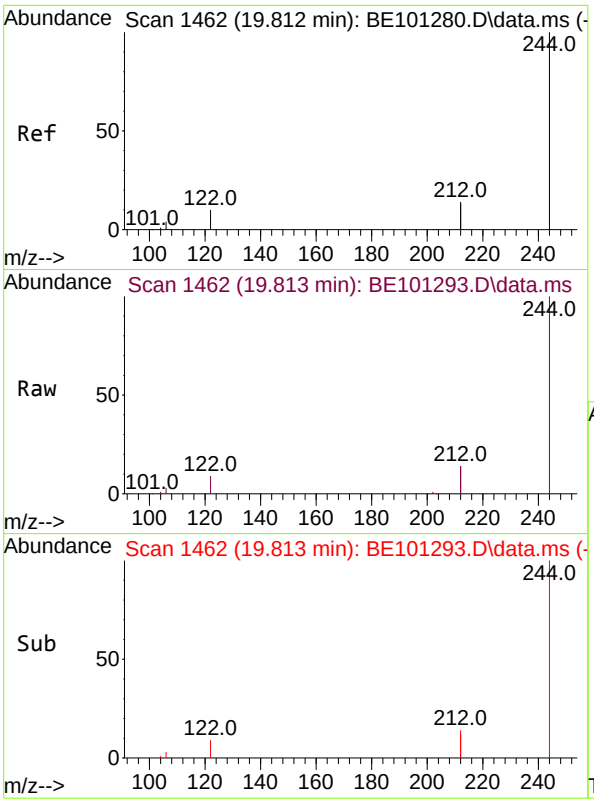
#30
Pyrene
Concen: 0.27 ng
RT: 19.606 min Scan# 1426
Delta R.T. 0.001 min
Lab File: BE101293.D
Acq: 13 Apr 2021 14:36

Tgt Ion:202 Resp: 26825

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.6	24.8
203	17.6	13.8	20.8



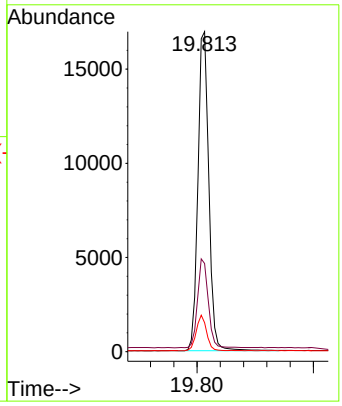
Instrument :
BNA_E
ClientSampleId :
PB135708BSD

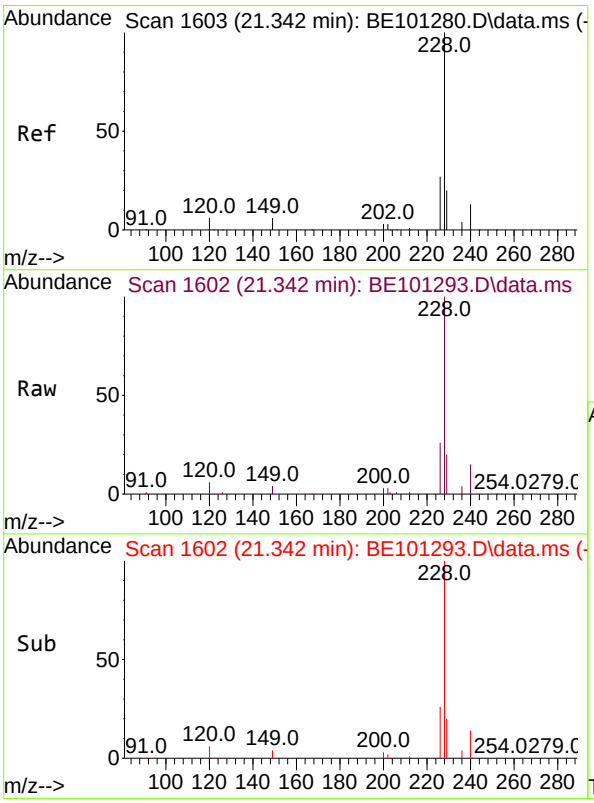


#31
Terphenyl-d14
Concen: 0.30 ng
RT: 19.813 min Scan# 1462
Delta R.T. 0.001 min
Lab File: BE101293.D
Acq: 13 Apr 2021 14:36

Tgt Ion:244 Resp: 22080

Ion	Ratio	Lower	Upper
244	100		
212	27.5	21.9	32.9
122	9.1	7.3	10.9

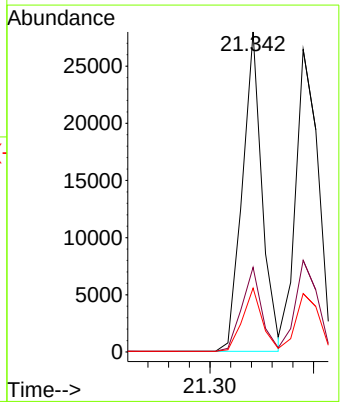




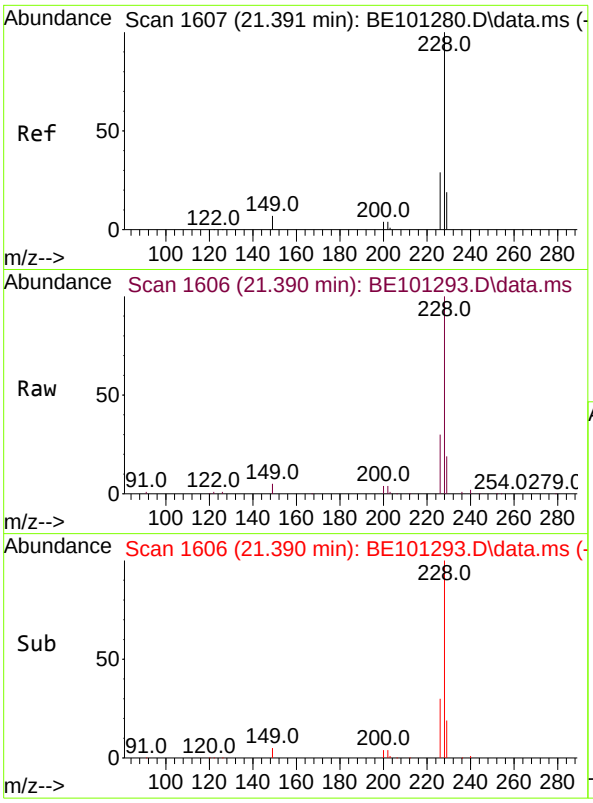
#32
Benzo(a)anthracene
Concen: 0.39 ng
RT: 21.342 min Scan# 1602
Delta R.T. -0.001 min
Lab File: BE101293.D
Acq: 13 Apr 2021 14:36

Tgt Ion:228 Resp: 36928

Ion	Ratio	Lower	Upper
228	100		
226	26.4	21.4	32.2
229	20.0	15.7	23.5



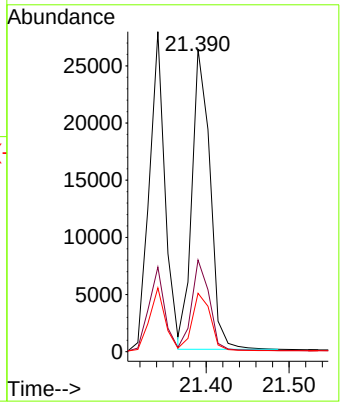
Instrument :
BNA_E
ClientSampleId :
PB135708BSD

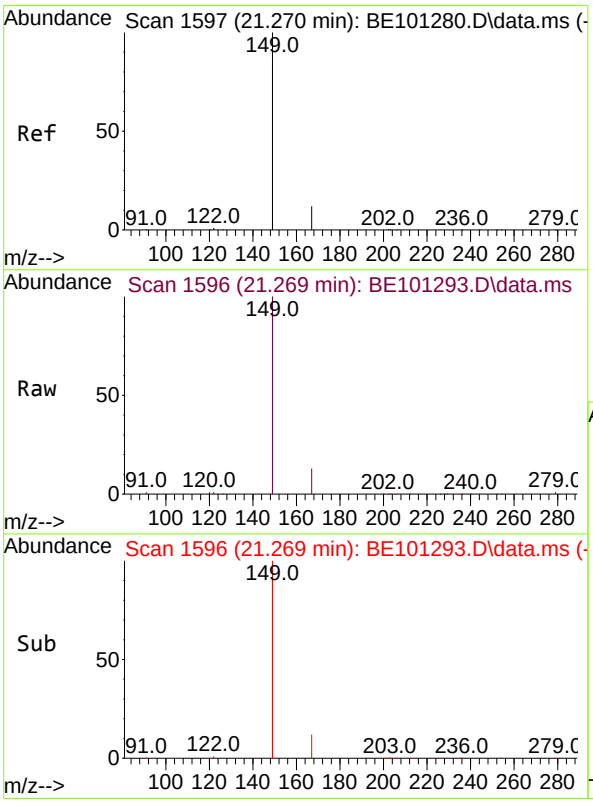


#33
Chrysene
Concen: 0.40 ng
RT: 21.390 min Scan# 1606
Delta R.T. -0.001 min
Lab File: BE101293.D
Acq: 13 Apr 2021 14:36

Tgt Ion:228 Resp: 39801

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.8	37.2
229	19.3	15.2	22.8

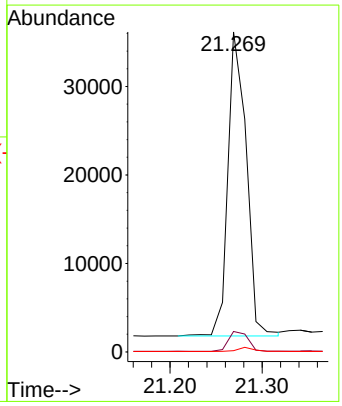




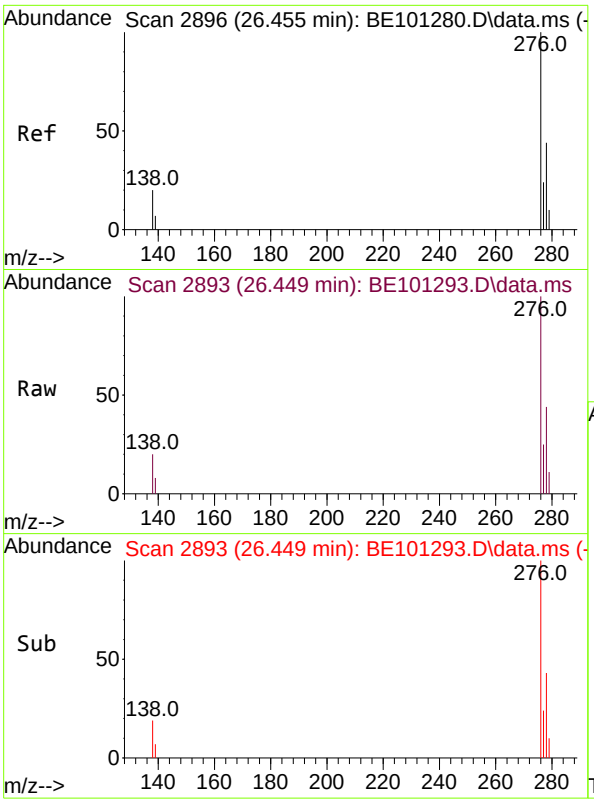
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.38 ng
RT: 21.269 min Scan# 1596
Delta R.T. -0.001 min
Lab File: BE101293.D
Acq: 13 Apr 2021 14:36

Tgt Ion:149 Resp: 47589

Ion	Ratio	Lower	Upper
149	100		
167	6.9	5.5	8.3
279	1.1	1.0	1.4



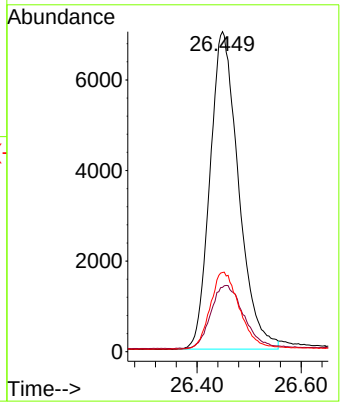
Instrument :
BNA_E
ClientSampleId :
PB135708BSD

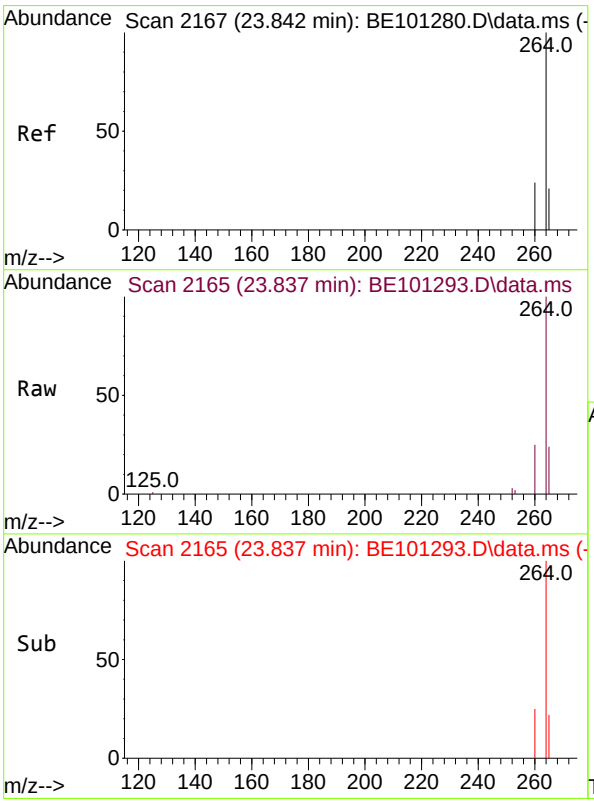


#35
Indeno(1,2,3-cd)pyrene
Concen: 0.27 ng
RT: 26.449 min Scan# 2893
Delta R.T. -0.007 min
Lab File: BE101293.D
Acq: 13 Apr 2021 14:36

Tgt Ion:276 Resp: 26713

Ion	Ratio	Lower	Upper
276	100		
138	22.7	17.4	26.0
277	25.0	19.8	29.8

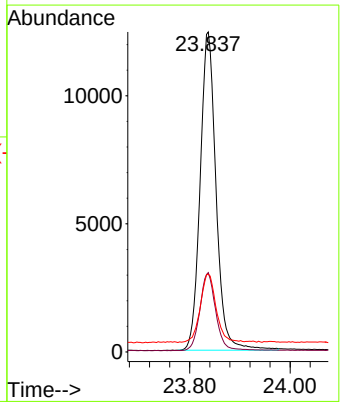




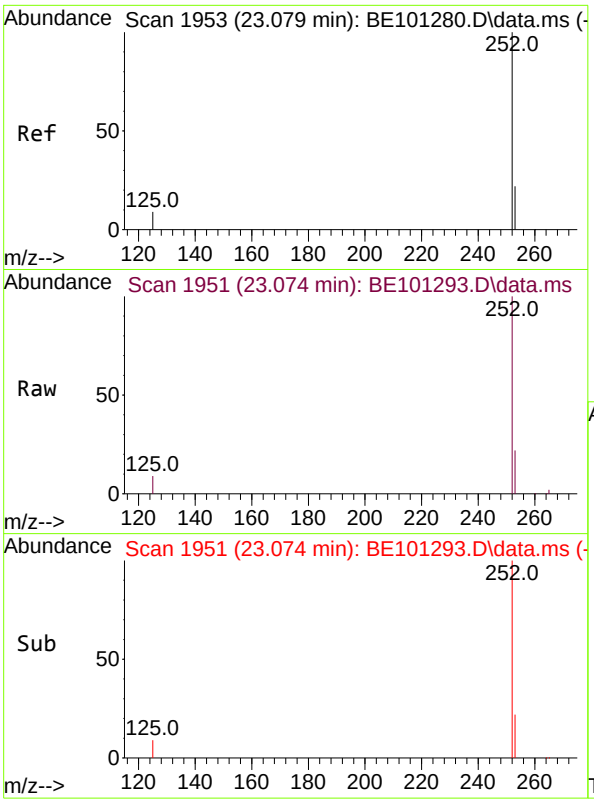
#36
Perylene-d12
Concen: 0.40 ng
RT: 23.837 min Scan# 2165
Delta R.T. -0.005 min
Lab File: BE101293.D
Acq: 13 Apr 2021 14:36

Tgt Ion:264 Resp: 27354

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.3	28.9
265	24.3	22.4	33.6



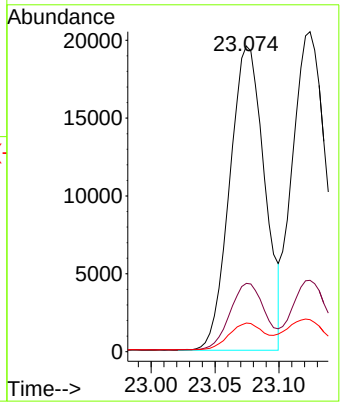
Instrument :
BNA_E
ClientSampleId :
PB135708BSD

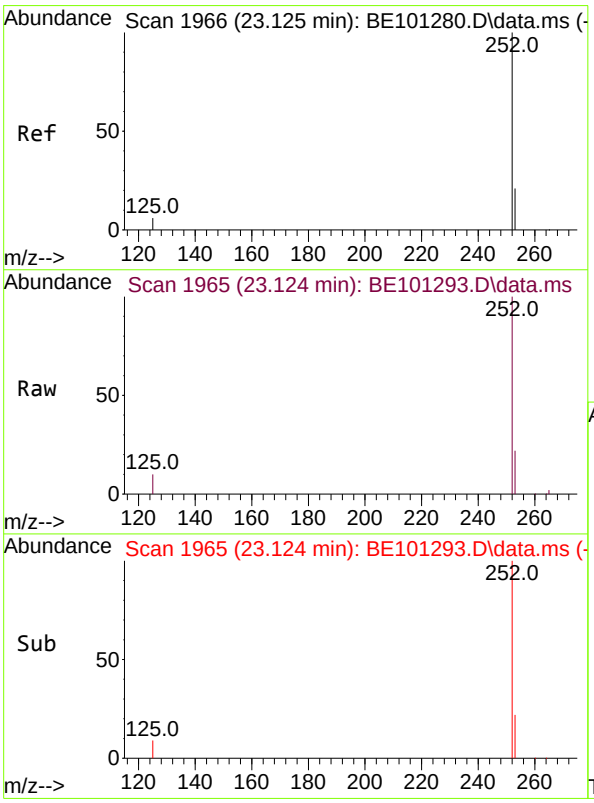


#37
Benzo(b)fluoranthene
Concen: 0.40 ng
RT: 23.074 min Scan# 1951
Delta R.T. -0.005 min
Lab File: BE101293.D
Acq: 13 Apr 2021 14:36

Tgt Ion:252 Resp: 37121

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.1	27.1
125	9.4	7.6	11.4

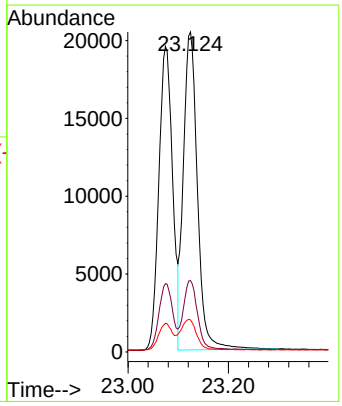




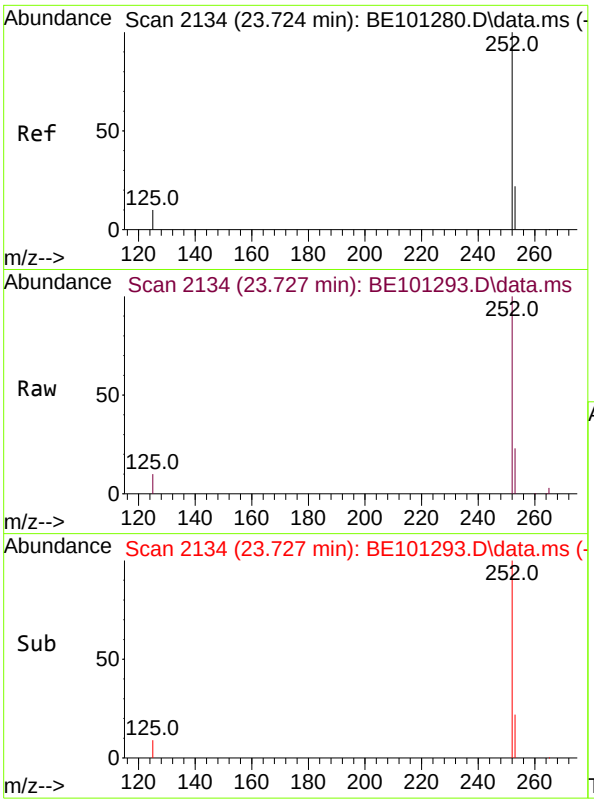
#38
Benzo(k)fluoranthene
Concen: 0.42 ng
RT: 23.124 min Scan# 1965
Delta R.T. -0.001 min
Lab File: BE101293.D
Acq: 13 Apr 2021 14:36

Tgt Ion:252 Resp: 39712

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	10.0	7.6	11.4



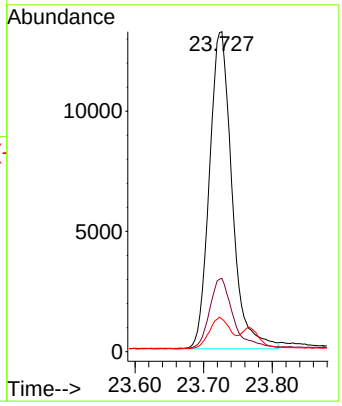
Instrument :
BNA_E
ClientSampleId :
PB135708BSD

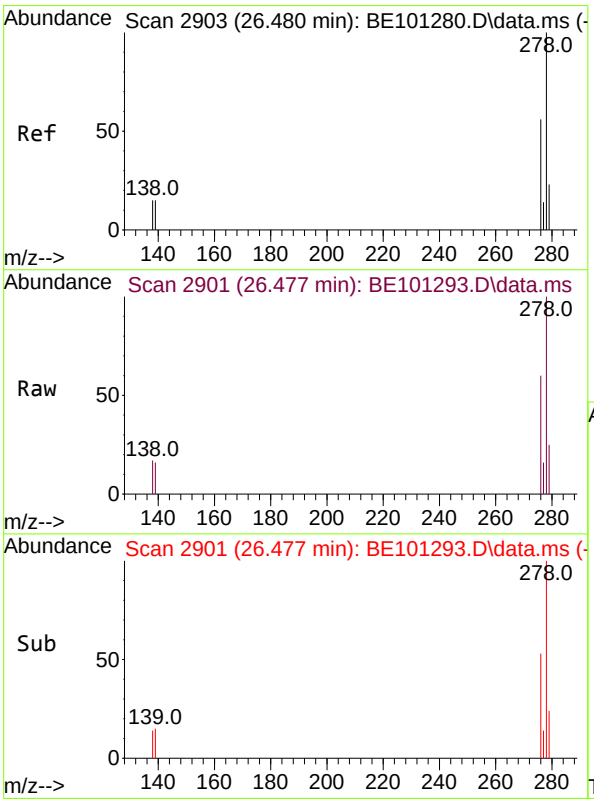


#39
Benzo(a)pyrene
Concen: 0.37 ng
RT: 23.727 min Scan# 2134
Delta R.T. 0.003 min
Lab File: BE101293.D
Acq: 13 Apr 2021 14:36

Tgt Ion:252 Resp: 30316

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.0	27.0
125	10.3	8.0	12.0

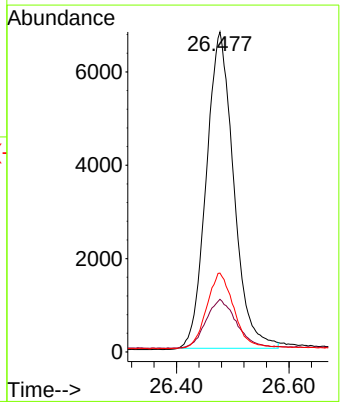


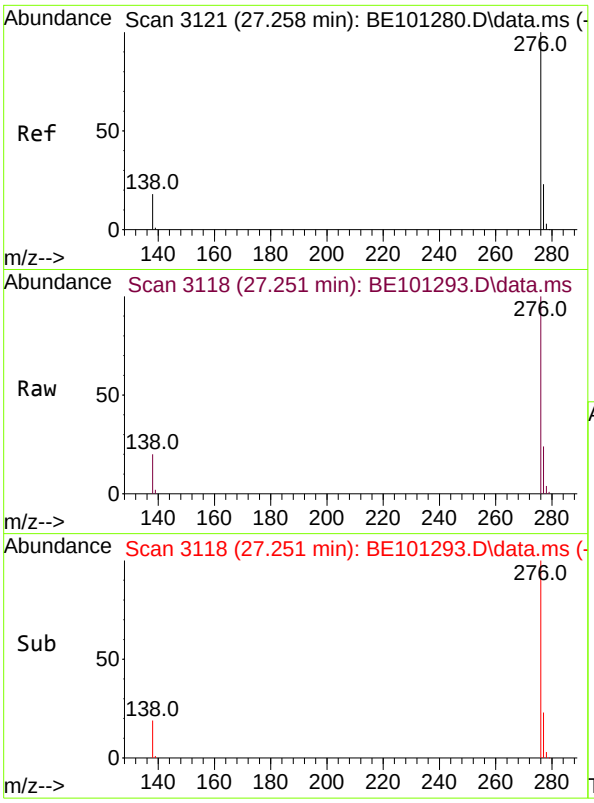


#40
Dibenzo(a,h)anthracene
Concen: 0.28 ng
RT: 26.477 min Scan# 2901
Delta R.T. -0.003 min
Lab File: BE101293.D
Acq: 13 Apr 2021 14:36

Tgt Ion:278 Resp: 22908

Ion	Ratio	Lower	Upper
278	100		
139	16.4	12.2	18.2
279	24.6	19.3	28.9

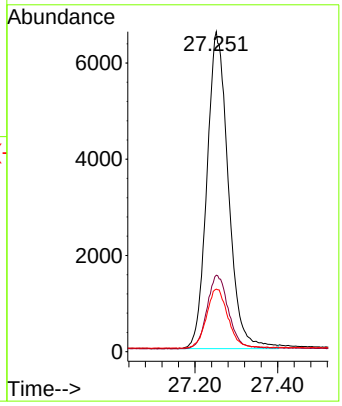




#41
Benzo(g,h,i)perylene
Concen: 0.28 ng
RT: 27.251 min Scan# 3118
Delta R.T. -0.007 min
Lab File: BE101293.D
Acq: 13 Apr 2021 14:36

Tgt Ion:276 Resp: 23698

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.4	29.0
138	19.5	15.2	22.8



Instrument :
BNA_E
ClientSampleId :
PB135708BSD