Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE040821\
Data File : BE101249.D
Acq On : 8 Apr 2021 16:47
Operator : CG/JU
Sample : M1977-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : EB-01-040721

Quant Time: Apr 08 17:49:52 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-SIM-BE040621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 07 10:22:45 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.827	152	3435	0.40	ng	# 0.00
7) Naphthalene-d8	10.614	136	15511	0.40	ng	0.00
13) Acenaphthene-d10	14.442	164	10906	0.40	ng	0.00
19) Phenanthrene-d10	17.196	188	31409	0.40	ng	#-0.01
29) Chrysene-d12	21.355	240	26868	0.40	ng	# 0.00
36) Perylene-d12	23.830	264	26354	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.420	112	1587	0.20	ng	0.00
5) Phenol-d6	6.987	99	1343	0.11	ng	0.00
8) Nitrobenzene-d5	8.977	82	5057	0.44	ng	0.00
11) 2-Methylnaphthalene-d10	12.195	152	9323	0.26	ng	0.00
14) 2,4,6-Tribromophenol	15.956	330	1261	0.43	ng	0.00
15) 2-Fluorobiphenyl	13.074	172	14941	0.38	ng	0.00
27) Fluoranthene-d10	19.215	212	160475	0.29	ng	0.00
31) Terphenyl-d14	19.813	244	39076	0.54	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.347	88	292	0.06	ng	# 14
9) Naphthalene	10.666	128	6451	0.04	ng	# 96
12) 2-Methylnaphthalene	12.267	142	1264	0.04	ng	96
16) Acenaphthylene	14.169	152	2113	0.05	ng	96
17) Acenaphthene	14.514	154	1321	0.04	ng	90
18) Fluorene	15.503	166	3759	0.09	ng	97
20) 4,6-Dinitro-2-methylph...	15.548	198	6	0.06	ng	# 1
25) Phenanthrene	17.241	178	18059	0.19	ng	100
26) Anthracene	17.332	178	15917	0.20	ng	99
28) Fluoranthene	19.244	202	39302	0.33	ng	99
30) Pyrene	19.606	202	38301	0.39	ng	99
32) Benzo(a)anthracene	21.343	228	22155	0.29	ng	98
33) Chrysene	21.391	228	21137	0.24	ng	98
34) Bis(2-ethylhexyl)phtha...	21.270	149	10735	0.20	ng	100
35) Indeno(1,2,3-cd)pyrene	26.441	276	14776	0.22	ng	100
37) Benzo(b)fluoranthene	23.071	252	19340	0.22	ng	98
38) Benzo(k)fluoranthene	23.071	252	19340	0.20	ng	97
39) Benzo(a)pyrene	23.716	252	15442	0.21	ng	96
40) Dibenzo(a,h)anthracene	26.462	278	11801	0.17	ng	97
41) Benzo(g,h,i)perylene	27.236	276	12184	0.16	ng	98

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

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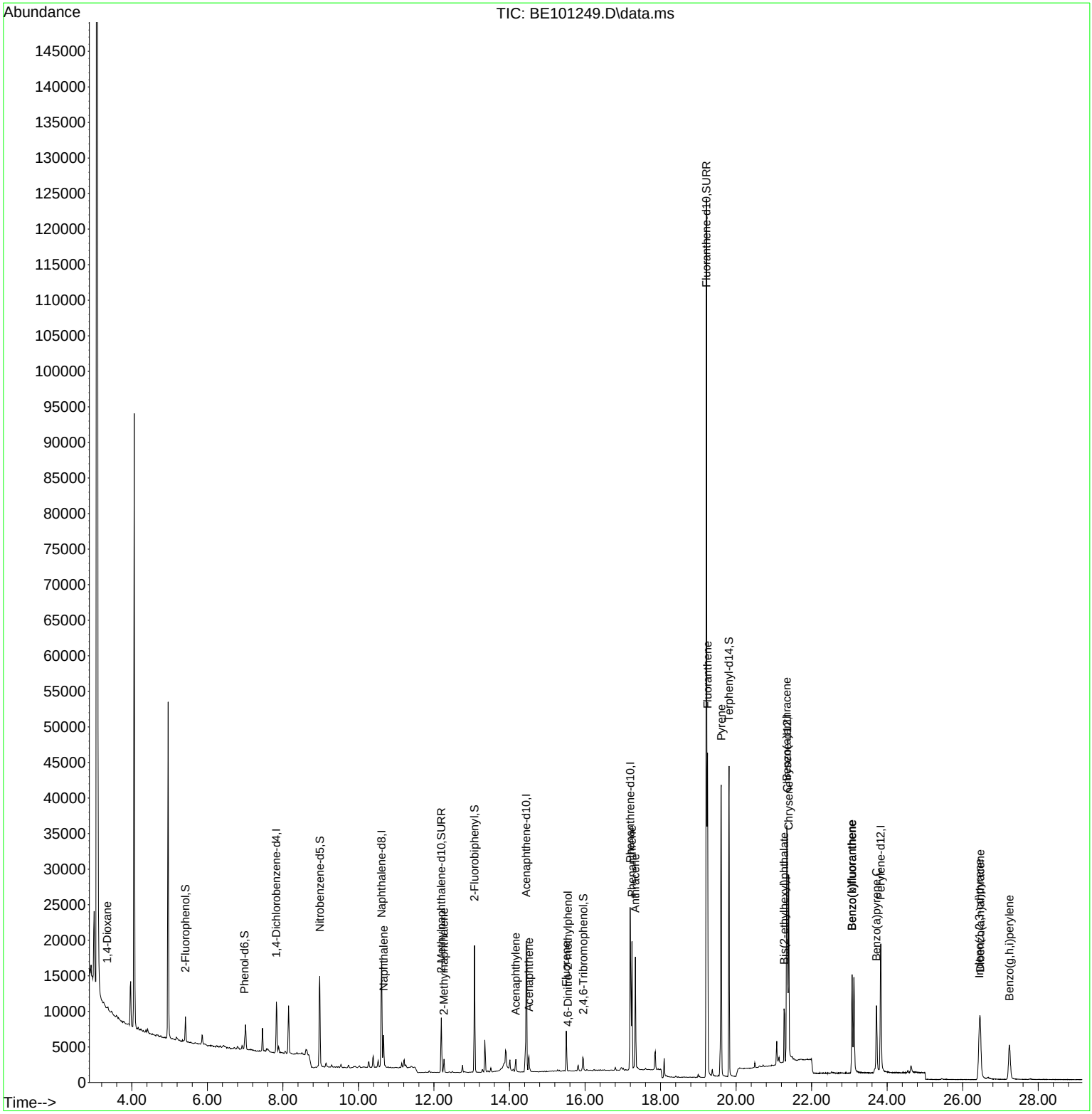
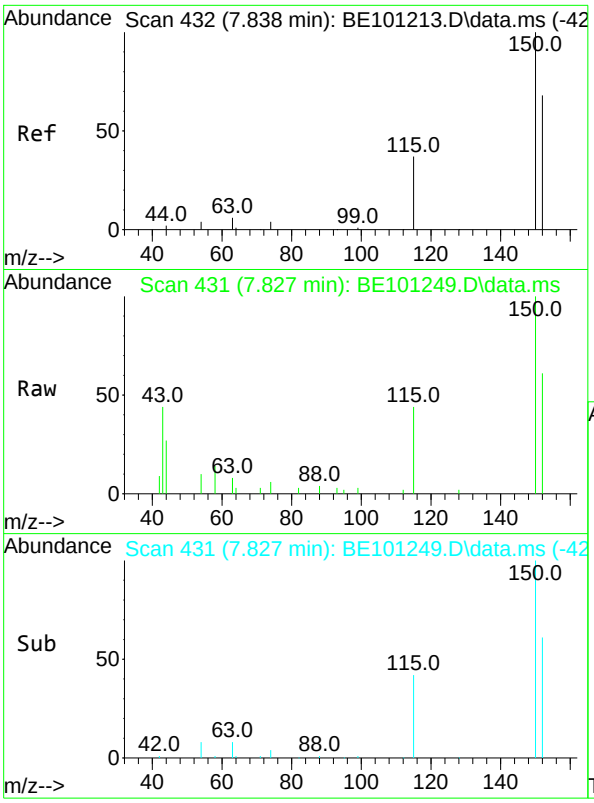


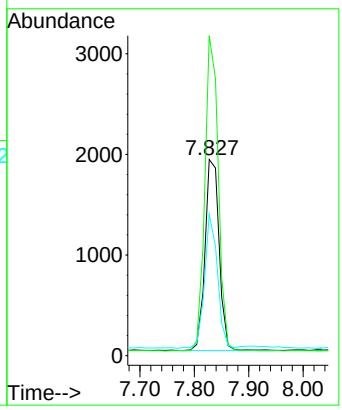
Instrument :
BNA_E
ClientSampleId :
EB-01-040721

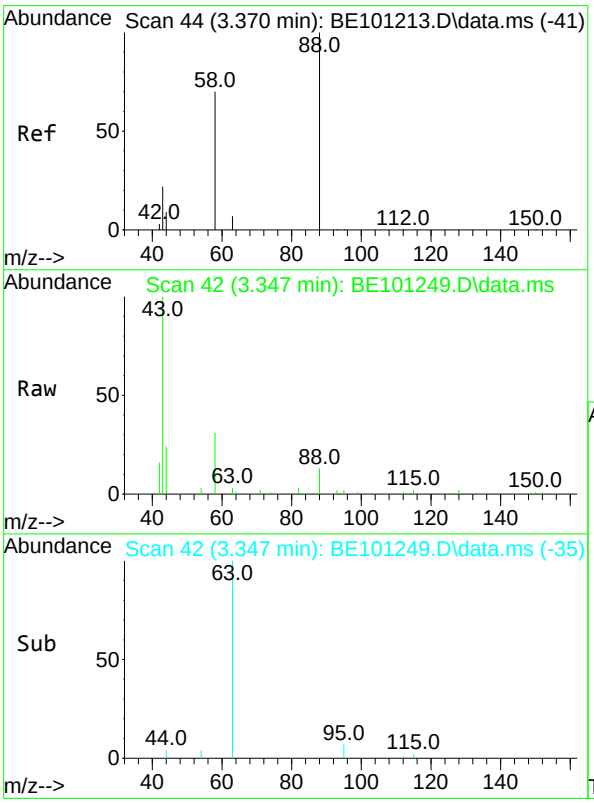


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.827 min Scan# 431
Delta R.T. -0.003 min
Lab File: BE101249.D
Acq: 8 Apr 2021 16:47

Tgt Ion:152 Resp: 3435

Ion	Ratio	Lower	Upper
152	100		
150	163.1	116.9	175.3
115	72.1	44.5	66.7#

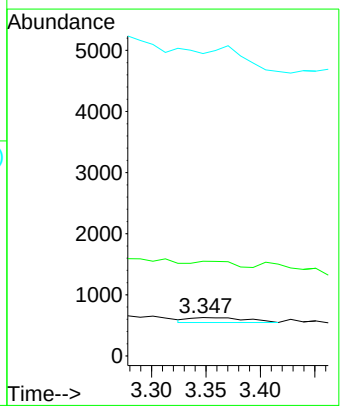




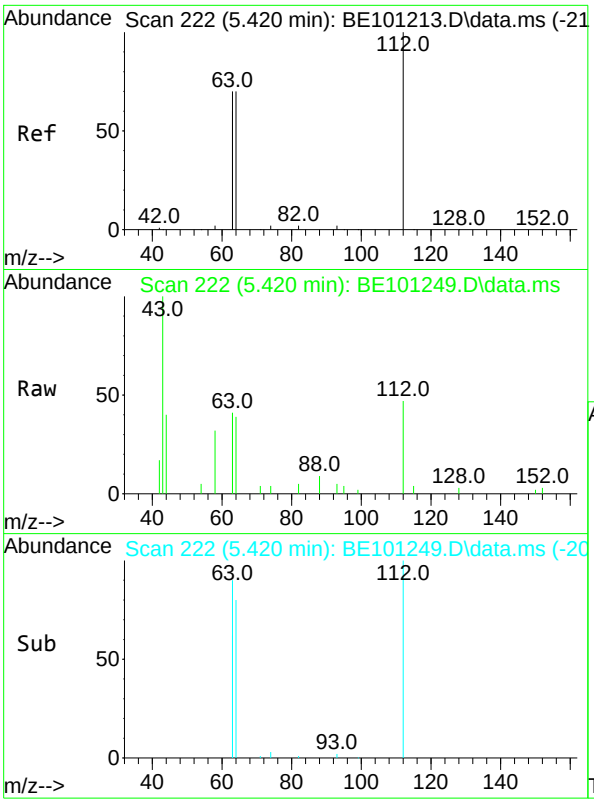
#2
1,4-Dioxane
Concen: 0.06 ng
RT: 3.347 min Scan# 42
Delta R.T. -0.014 min
Lab File: BE101249.D
Acq: 8 Apr 2021 16:47

Tgt Ion: 88 Resp: 292

Ion	Ratio	Lower	Upper
88	100		
58	0.0	73.6	110.4#
43	0.0	27.6	41.4#



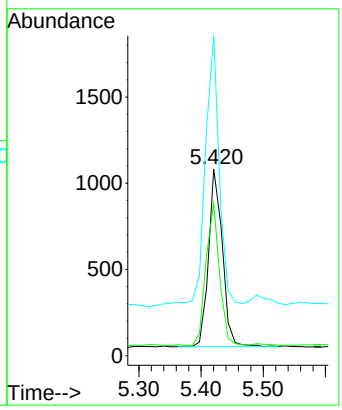
Instrument :
BNA_E
ClientSampleId :
EB-01-040721

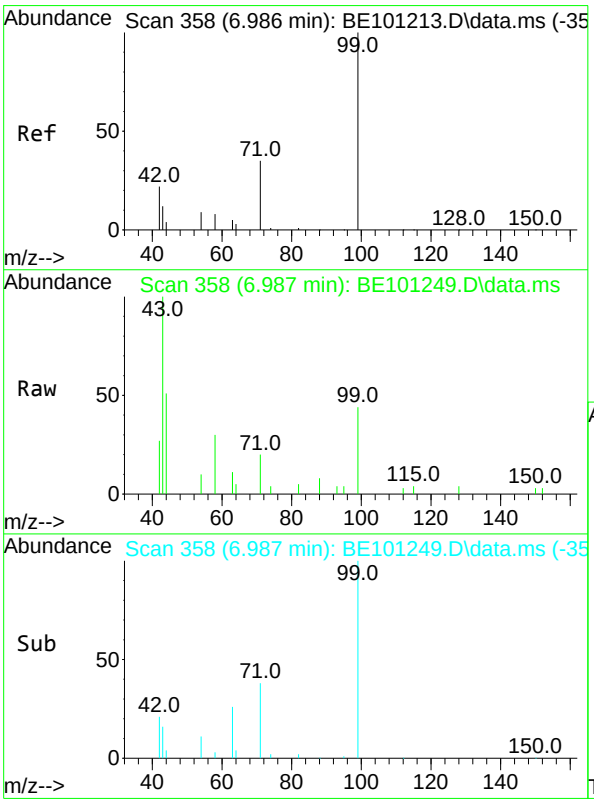


#4
2-Fluorophenol
Concen: 0.20 ng
RT: 5.420 min Scan# 222
Delta R.T. -0.002 min
Lab File: BE101249.D
Acq: 8 Apr 2021 16:47

Tgt Ion:112 Resp: 1587

Ion	Ratio	Lower	Upper
112	100		
64	79.1	62.3	93.5
63	157.2	117.3	175.9

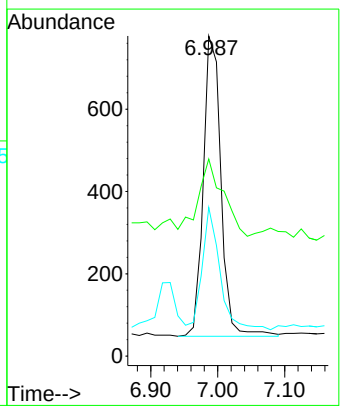


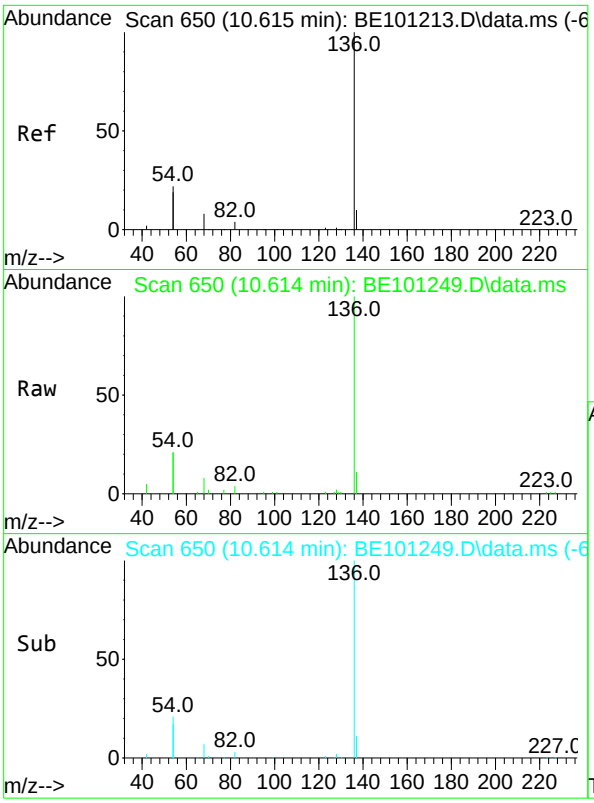


#5
Phenol-d6
Concen: 0.11 ng
RT: 6.987 min Scan# 358
Delta R.T. -0.002 min
Lab File: BE101249.D
Acq: 8 Apr 2021 16:47

Tgt Ion: 99 Resp: 1343

Ion	Ratio	Lower	Upper
99	100		
42	36.3	18.5	27.7#
71	40.6	26.5	39.7#

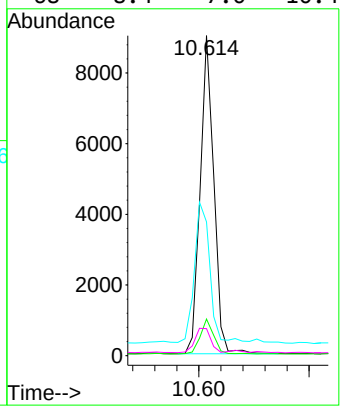




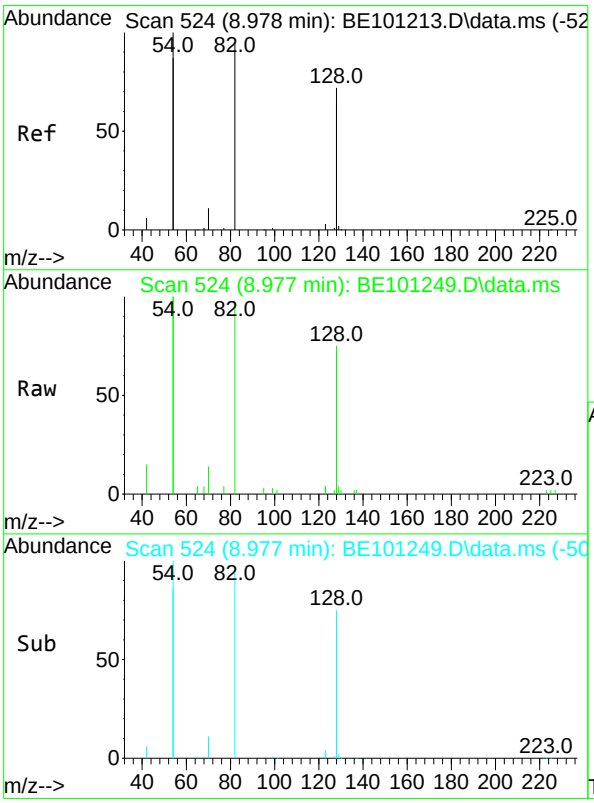
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.614 min Scan# 650
Delta R.T. -0.001 min
Lab File: BE101249.D
Acq: 8 Apr 2021 16:47

Tgt Ion:136 Resp: 15511

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.6	13.0
54	41.8	34.7	52.1
68	8.4	7.0	10.4



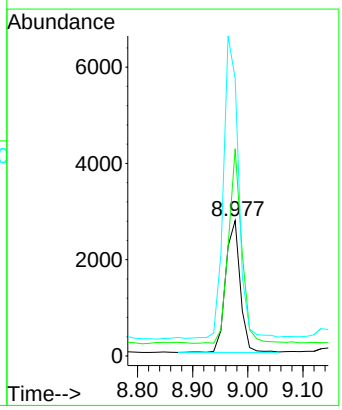
Instrument :
BNA_E
ClientSampleId :
EB-01-040721

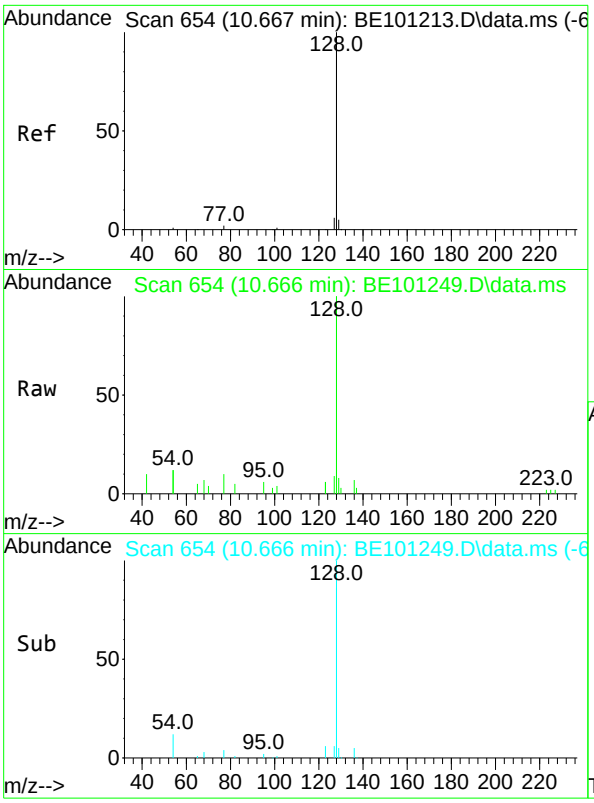


#8
Nitrobenzene-d5
Concen: 0.44 ng
RT: 8.977 min Scan# 524
Delta R.T. -0.001 min
Lab File: BE101249.D
Acq: 8 Apr 2021 16:47

Tgt Ion: 82 Resp: 5057

Ion	Ratio	Lower	Upper
82	100		
128	153.1	118.7	178.1
54	204.9	164.4	246.6

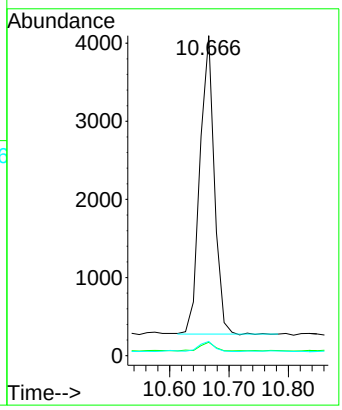




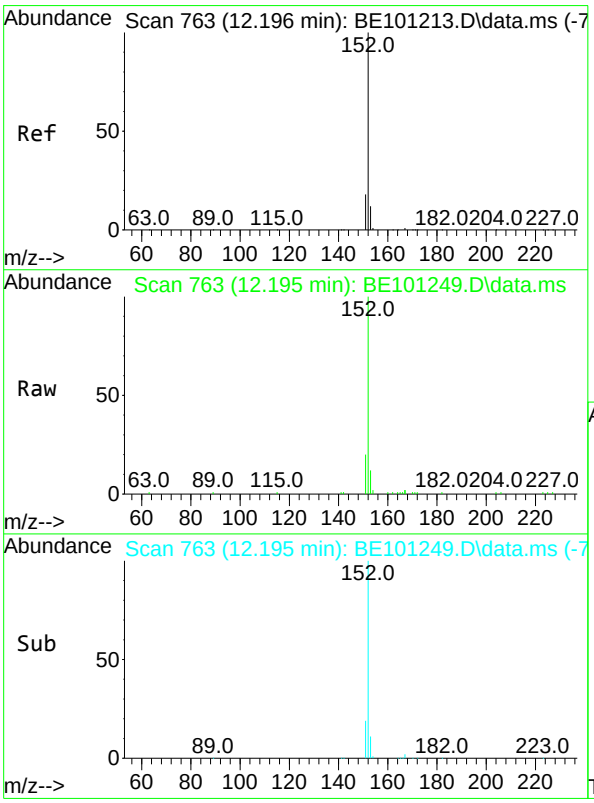
#9
Naphthalene
Concen: 0.04 ng
RT: 10.666 min Scan# 654
Delta R.T. -0.001 min
Lab File: BE101249.D
Acq: 8 Apr 2021 16:47

Tgt Ion:128 Resp: 6451

Ion	Ratio	Lower	Upper
128	100		
129	4.2	2.2	3.4#
127	4.4	2.6	3.8#



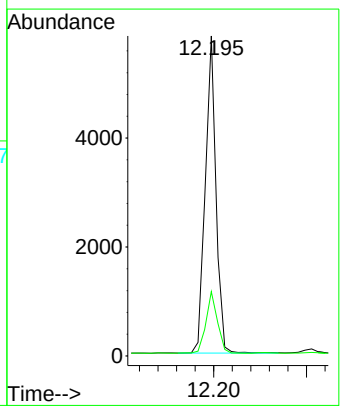
Instrument :
BNA_E
ClientSampleId :
EB-01-040721

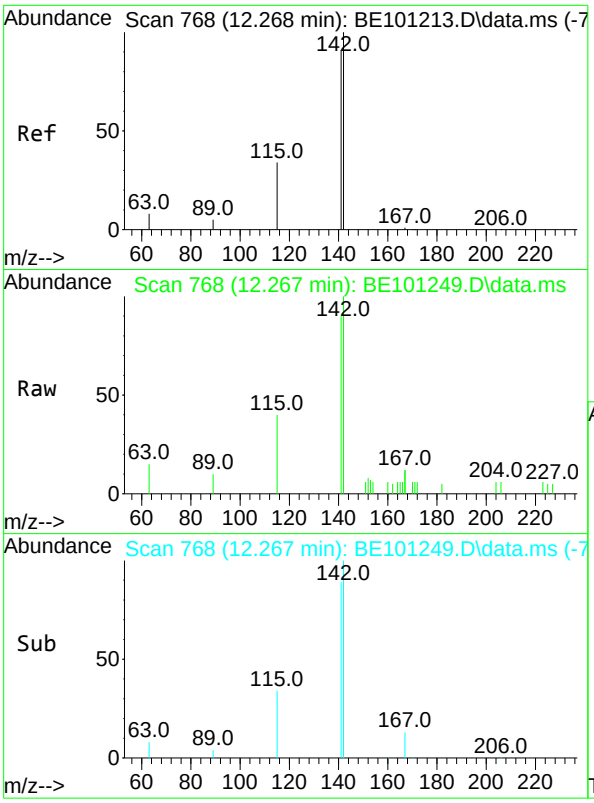


#11
2-Methylnaphthalene-d10
Concen: 0.26 ng
RT: 12.195 min Scan# 763
Delta R.T. -0.001 min
Lab File: BE101249.D
Acq: 8 Apr 2021 16:47

Tgt Ion:152 Resp: 9323

Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.5	24.7

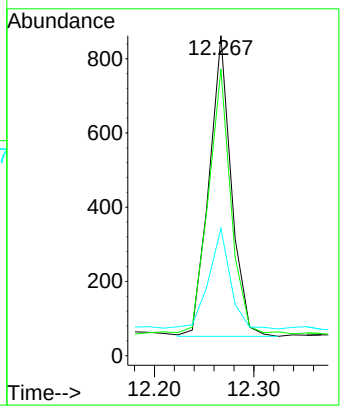




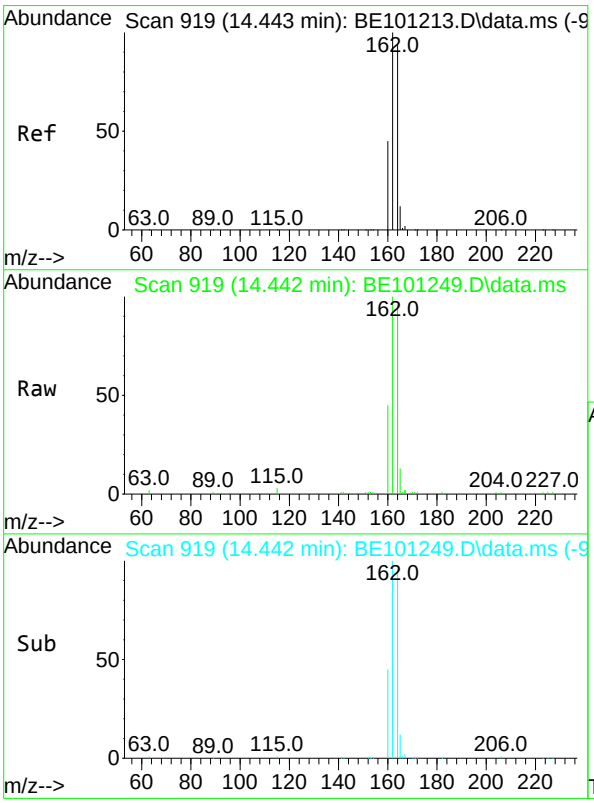
#12
2-Methylnaphthalene
Concen: 0.04 ng
RT: 12.267 min Scan# 768
Delta R.T. -0.001 min
Lab File: BE101249.D
Acq: 8 Apr 2021 16:47

Tgt Ion:142 Resp: 1264

Ion	Ratio	Lower	Upper
142	100		
141	89.6	73.0	109.6
115	39.8	27.8	41.8



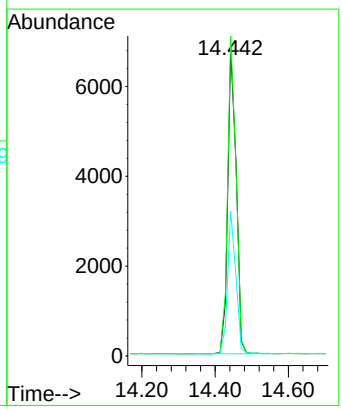
Instrument :
BNA_E
ClientSampleId :
EB-01-040721



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.442 min Scan# 919
Delta R.T. -0.001 min
Lab File: BE101249.D
Acq: 8 Apr 2021 16:47

Tgt Ion:164 Resp: 10906

Ion	Ratio	Lower	Upper
164	100		
162	104.2	85.3	127.9
160	47.2	39.1	58.7



Instrument :
BNA_E
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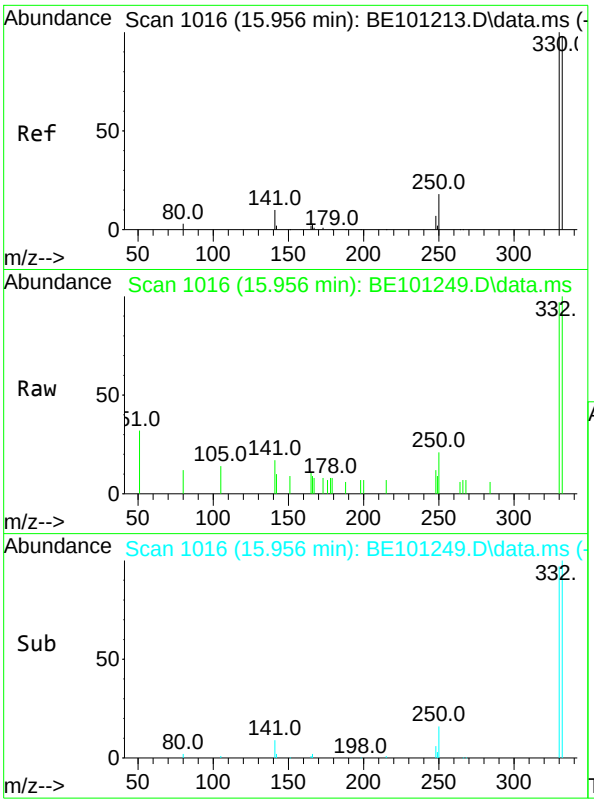
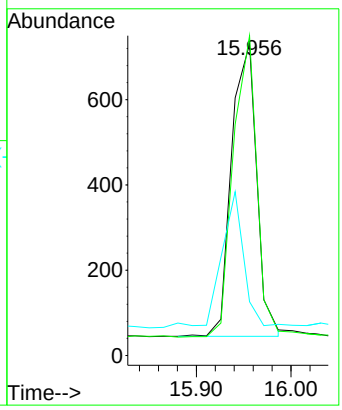
EB-01-040721

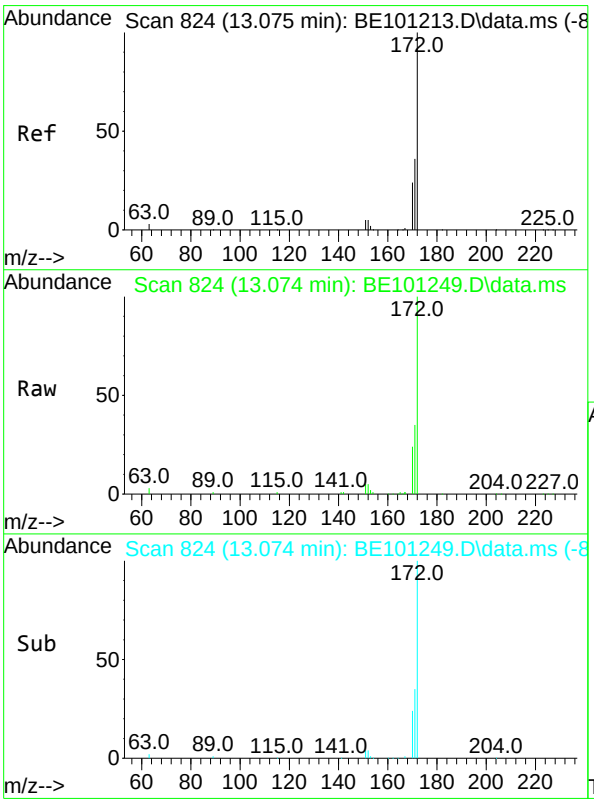


#14
2,4,6-Tribromophenol
Concen: 0.43 ng
RT: 15.956 min Scan# 1016
Delta R.T. 0.001 min
Lab File: BE101249.D
Acq: 8 Apr 2021 16:47

Tgt Ion:330 Resp: 1261

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.8	116.6
141	38.2	30.4	45.6

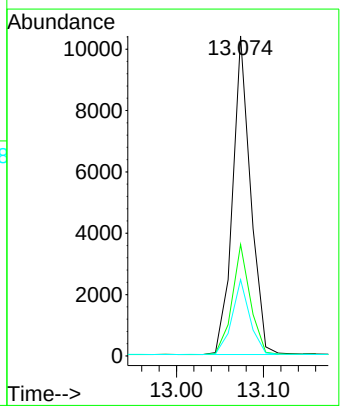




#15
2-Fluorobiphenyl
Concen: 0.38 ng
RT: 13.074 min Scan# 824
Delta R.T. -0.001 min
Lab File: BE101249.D
Acq: 8 Apr 2021 16:47

Tgt Ion:172 Resp: 14941

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.7	43.1
170	23.9	19.3	28.9



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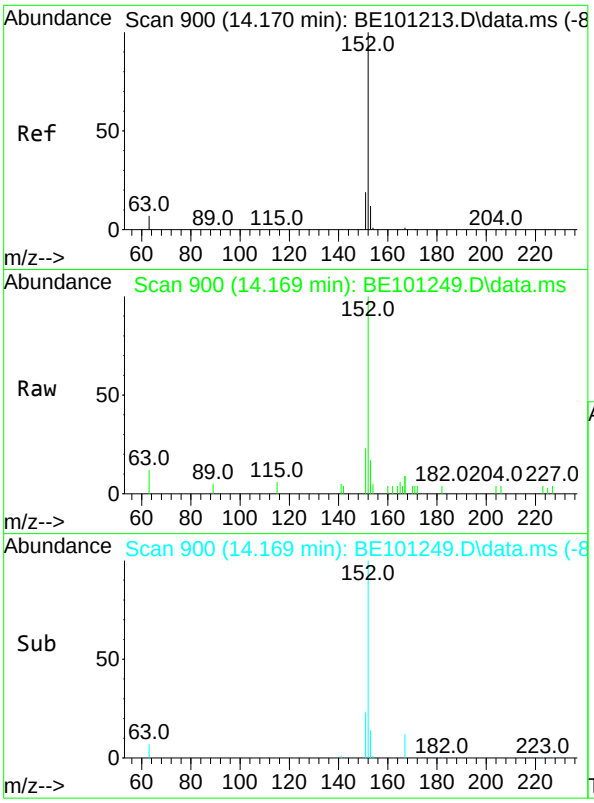
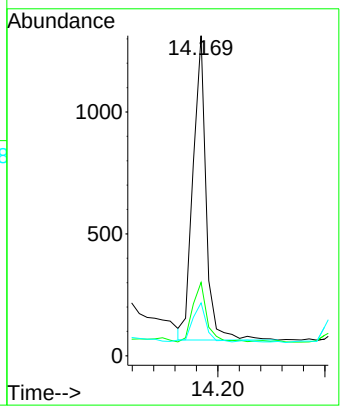
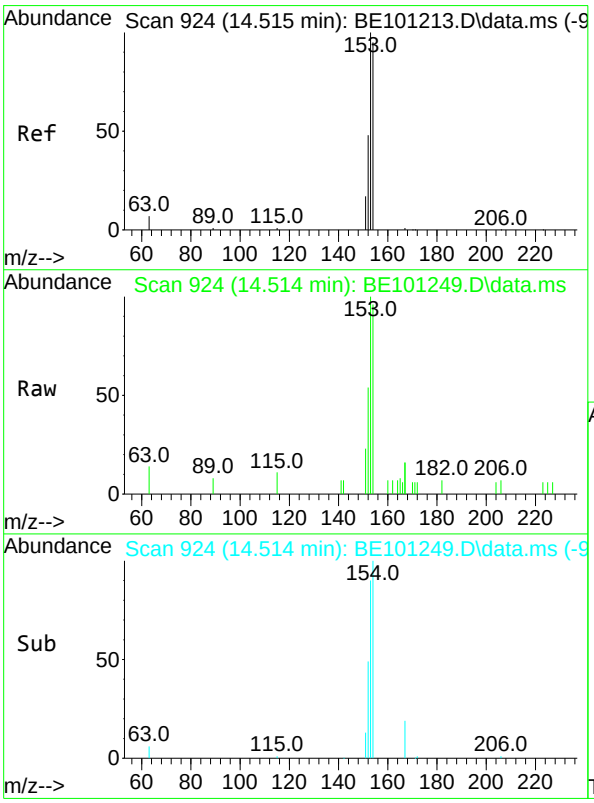


#16
Acenaphthylene
Concen: 0.05 ng
RT: 14.169 min Scan# 900
Delta R.T. -0.001 min
Lab File: BE101249.D
Acq: 8 Apr 2021 16:47

Tgt Ion:152 Resp: 2113

Ion	Ratio	Lower	Upper
152	100		
151	21.3	15.4	23.2
153	13.4	10.0	15.0

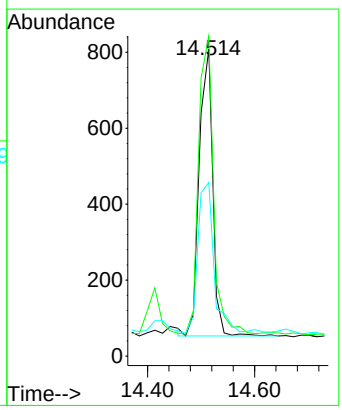




#17
Acenaphthene
Concen: 0.04 ng
RT: 14.514 min Scan# 924
Delta R.T. -0.001 min
Lab File: BE101249.D
Acq: 8 Apr 2021 16:47

Tgt Ion:154 Resp: 1321

Ion	Ratio	Lower	Upper
154	100		
153	114.3	84.9	127.3
152	62.6	42.7	64.1



Instrument :
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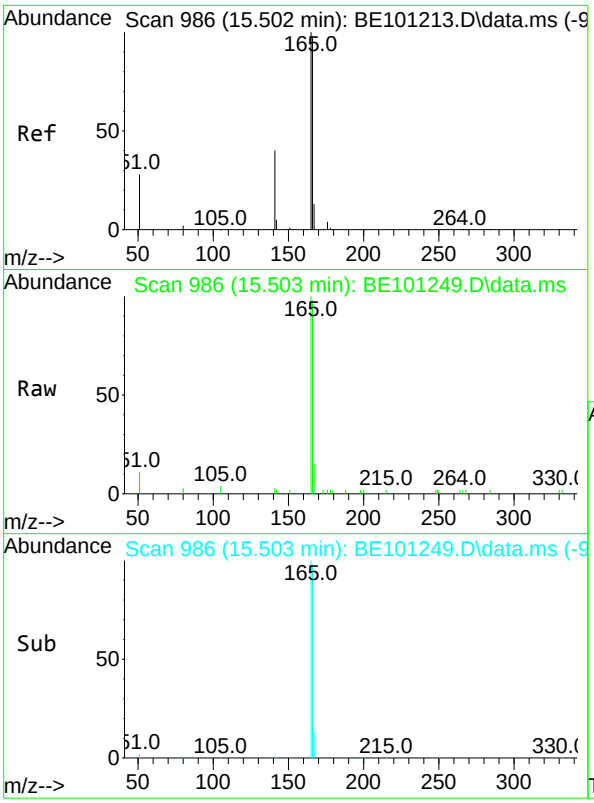
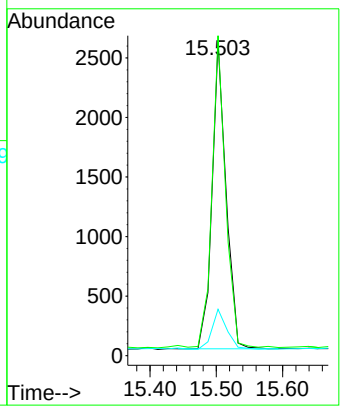
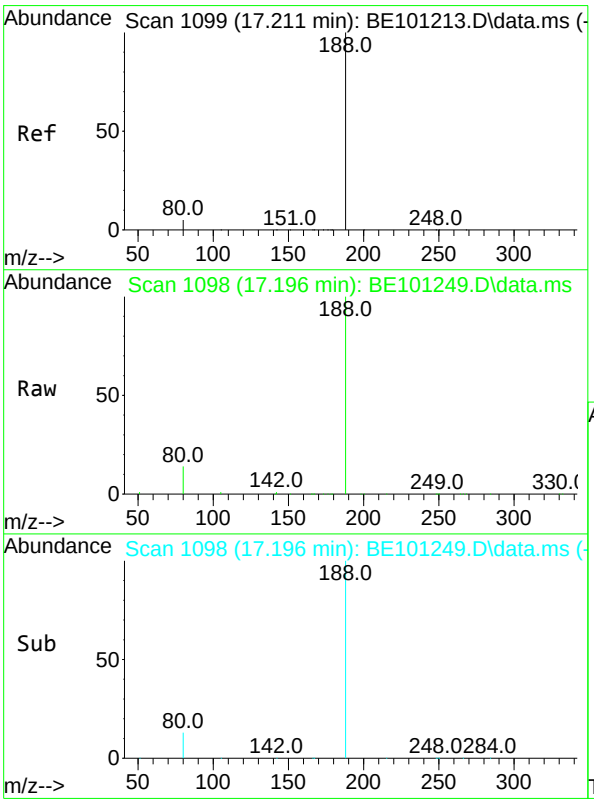


#18
Fluorene
Concen: 0.09 ng
RT: 15.503 min Scan# 986
Delta R.T. 0.001 min
Lab File: BE101249.D
Acq: 8 Apr 2021 16:47

Tgt Ion:166 Resp: 3759

Ion	Ratio	Lower	Upper
166	100		
165	101.6	79.0	118.4
167	13.6	11.0	16.4

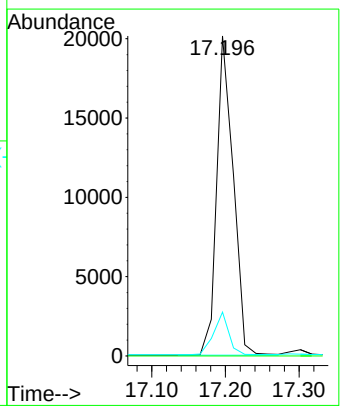




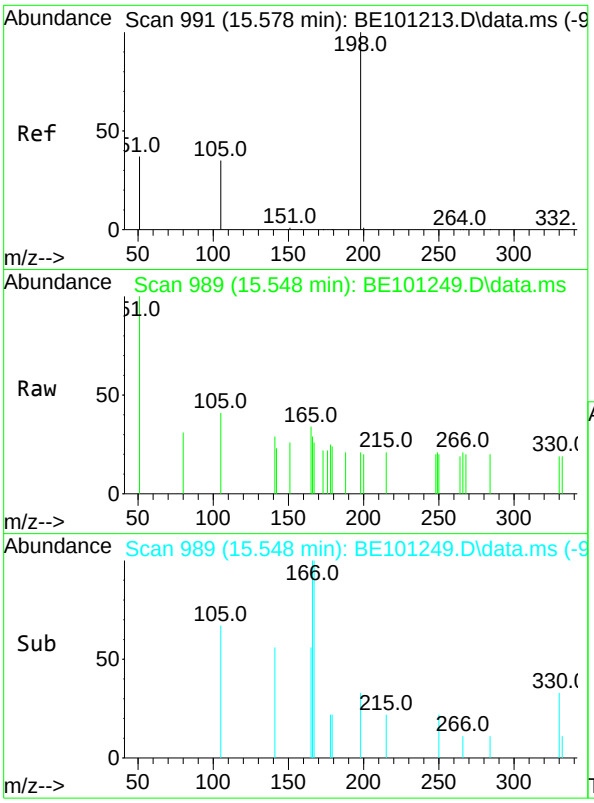
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.196 min Scan# 1098
Delta R.T. -0.014 min
Lab File: BE101249.D
Acq: 8 Apr 2021 16:47

Tgt Ion:188 Resp: 31409

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.7	4.6	6.8#



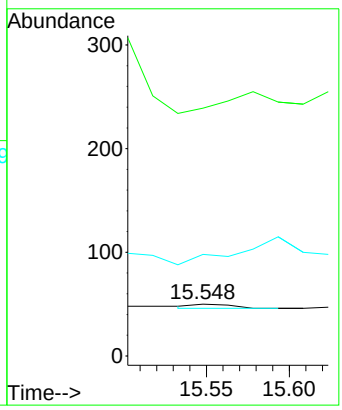
Instrument :
BNA_E
ClientSampleId :
EB-01-040721

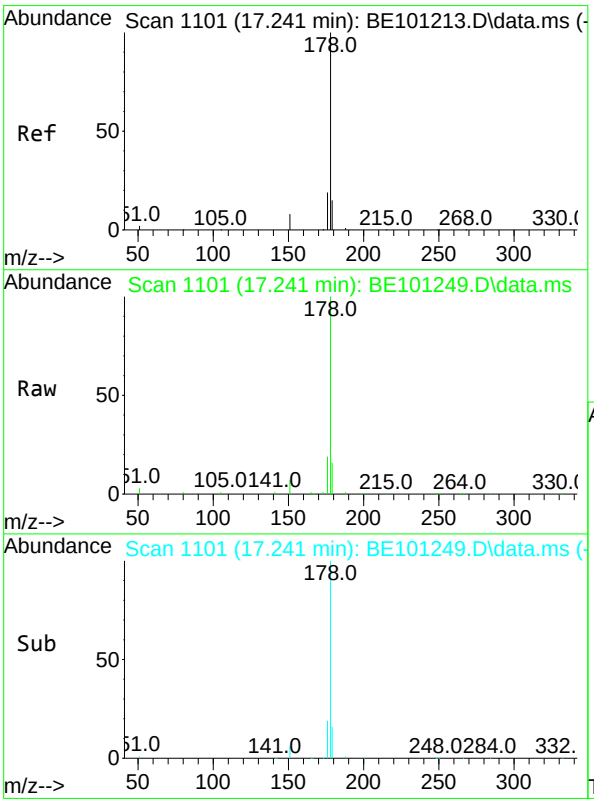


#20
4,6-Dinitro-2-methylphenol
Concen: 0.06 ng
RT: 15.548 min Scan# 989
Delta R.T. -0.029 min
Lab File: BE101249.D
Acq: 8 Apr 2021 16:47

Tgt Ion:198 Resp: 6

Ion	Ratio	Lower	Upper
198	100		
51	478.0	55.9	83.9#
105	196.0	33.6	50.4#

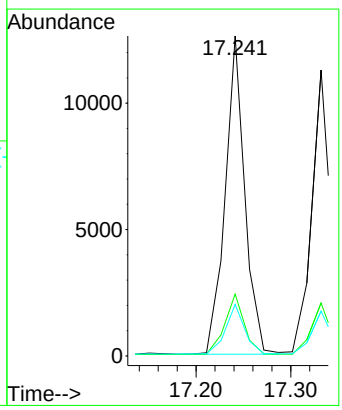




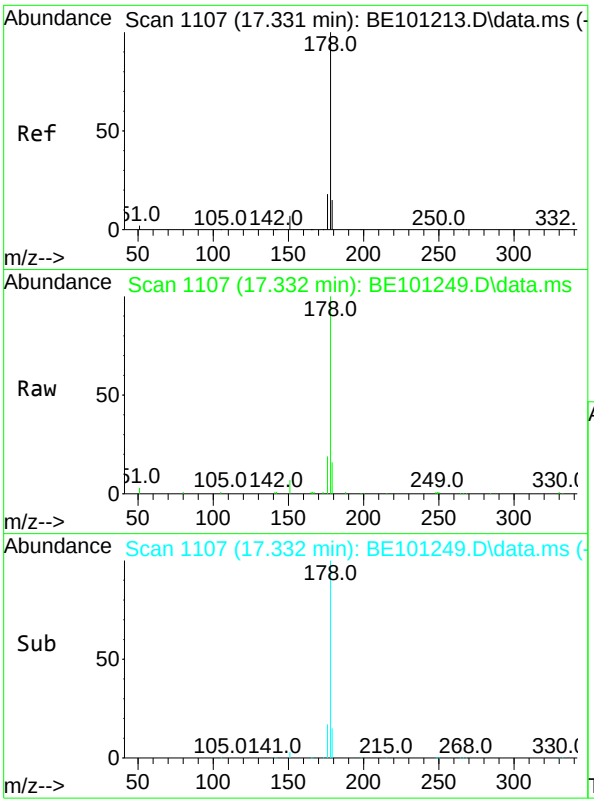
#25
Phenanthrene
Concen: 0.19 ng
RT: 17.241 min Scan# 1101
Delta R.T. 0.001 min
Lab File: BE101249.D
Acq: 8 Apr 2021 16:47

Tgt Ion:178 Resp: 18059

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.0	22.6
179	15.3	12.2	18.4



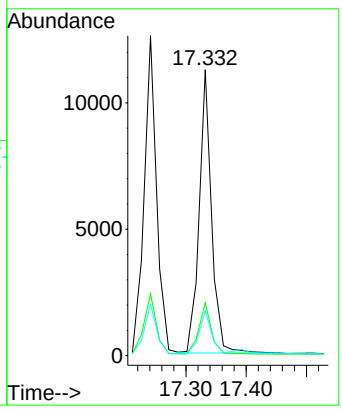
Instrument :
BNA_E
ClientSampleId :
EB-01-040721

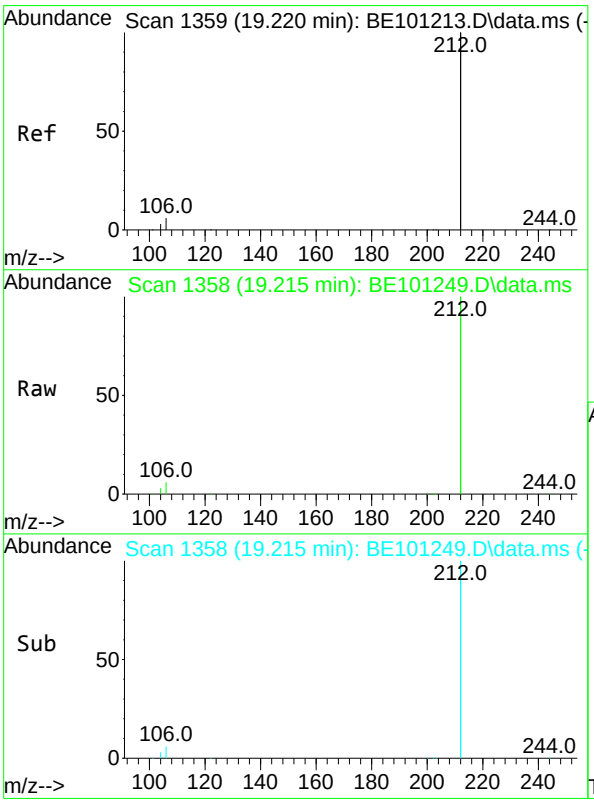


#26
Anthracene
Concen: 0.20 ng
RT: 17.332 min Scan# 1107
Delta R.T. 0.001 min
Lab File: BE101249.D
Acq: 8 Apr 2021 16:47

Tgt Ion:178 Resp: 15917

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.4	21.6
179	15.6	11.8	17.8

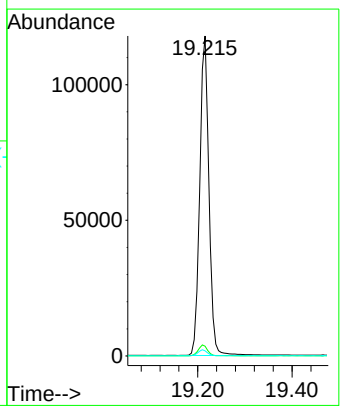


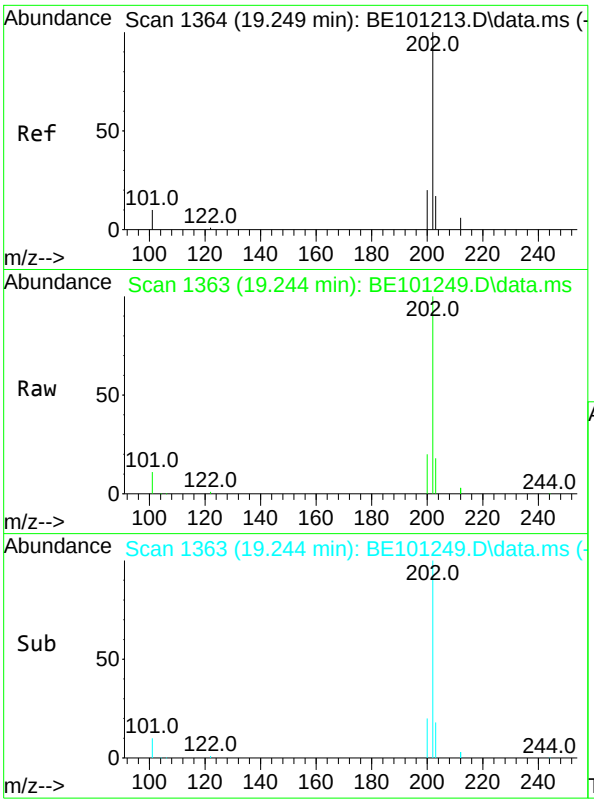


#27
Fluoranthene-d10
Concen: 0.29 ng
RT: 19.215 min Scan# 1358
Delta R.T. 0.001 min
Lab File: BE101249.D
Acq: 8 Apr 2021 16:47

Tgt Ion:212 Resp: 160475

Ion	Ratio	Lower	Upper
212	100		
106	3.4	2.6	4.0
104	1.9	1.4	2.2

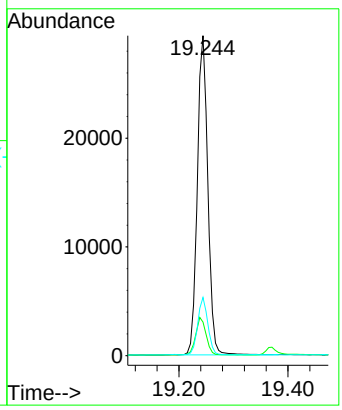




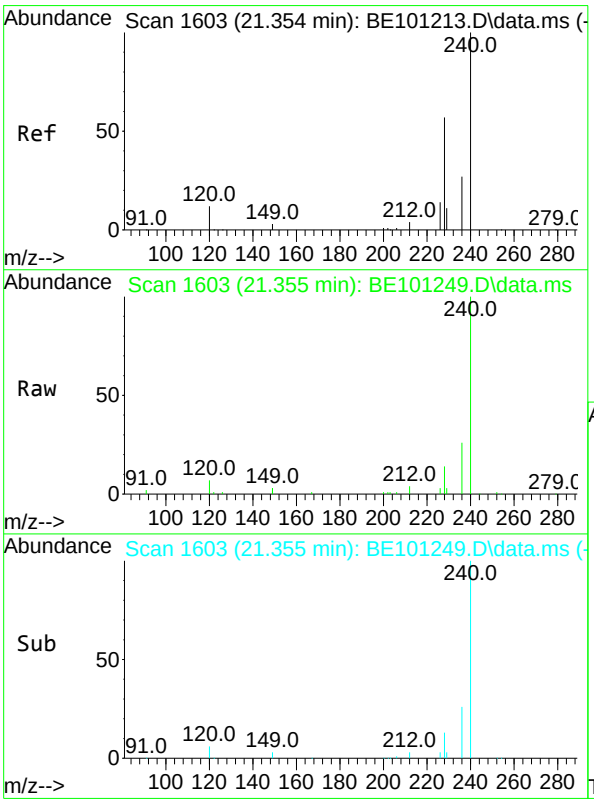
#28
Fluoranthene
Concen: 0.33 ng
RT: 19.244 min Scan# 1363
Delta R.T. 0.001 min
Lab File: BE101249.D
Acq: 8 Apr 2021 16:47

Tgt Ion:202 Resp: 39302

Ion	Ratio	Lower	Upper
202	100		
101	11.7	9.1	13.7
203	17.3	13.6	20.4



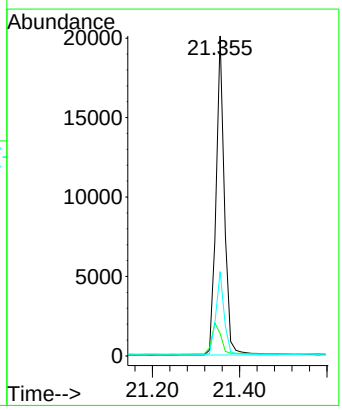
Instrument :
BNA_E
ClientSampleId :
EB-01-040721



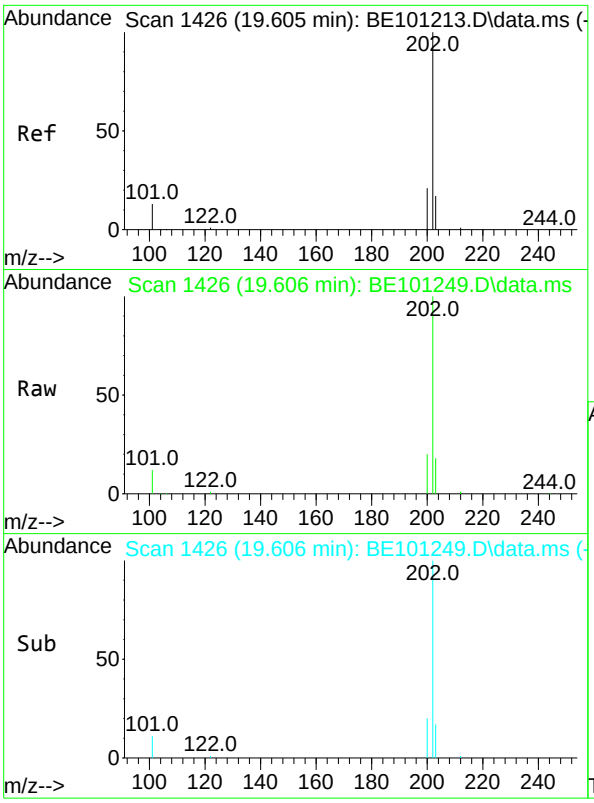
#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.355 min Scan# 1603
Delta R.T. 0.001 min
Lab File: BE101249.D
Acq: 8 Apr 2021 16:47

Tgt Ion:240 Resp: 26868

Ion	Ratio	Lower	Upper
240	100		
120	7.1	10.2	15.4#
236	26.4	21.7	32.5



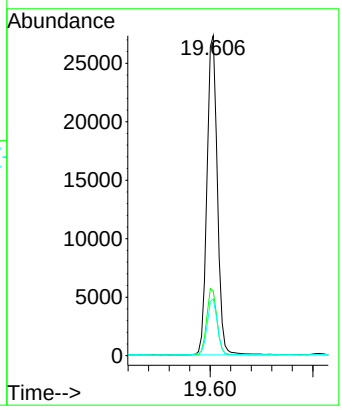
Instrument :
BNA_E
ClientSampleId :
EB-01-040721

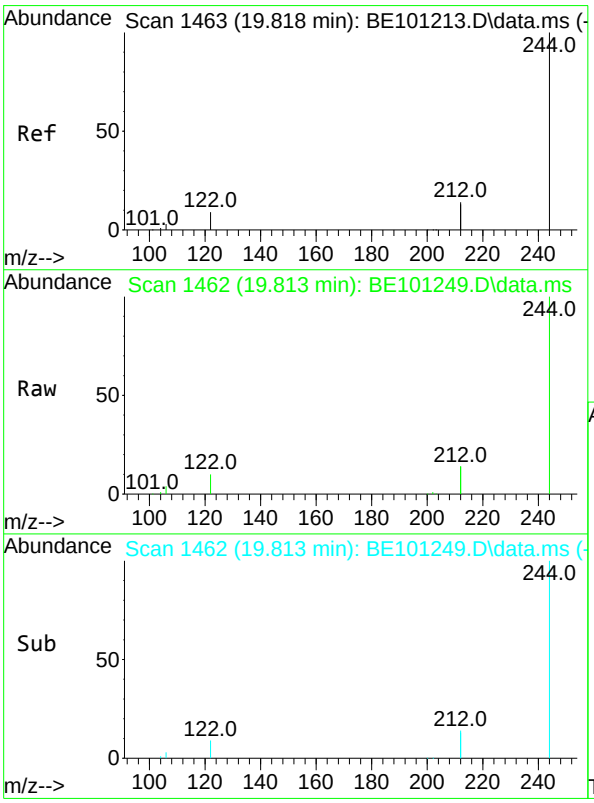


#30
Pyrene
Concen: 0.39 ng
RT: 19.606 min Scan# 1426
Delta R.T. 0.001 min
Lab File: BE101249.D
Acq: 8 Apr 2021 16:47

Tgt Ion:202 Resp: 38301

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.6	24.8
203	17.8	13.8	20.8

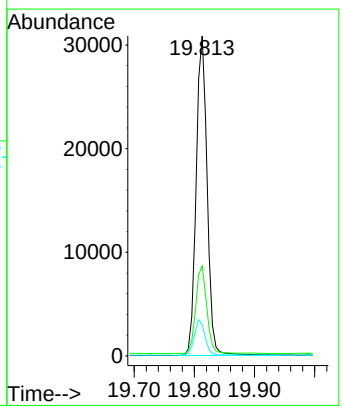




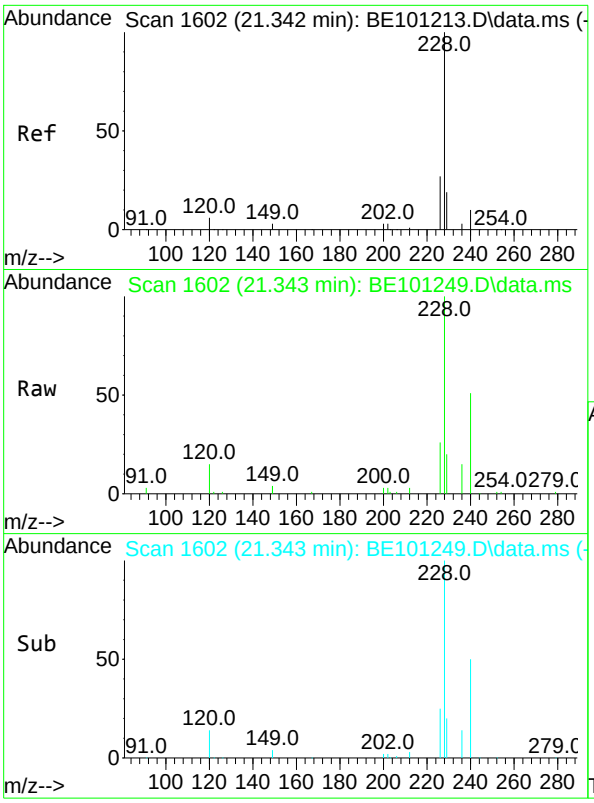
#31
Terphenyl-d14
Concen: 0.54 ng
RT: 19.813 min Scan# 1462
Delta R.T. 0.001 min
Lab File: BE101249.D
Acq: 8 Apr 2021 16:47

Tgt Ion:244 Resp: 39076

Ion	Ratio	Lower	Upper
244	100		
212	28.1	21.9	32.9
122	9.7	7.3	10.9



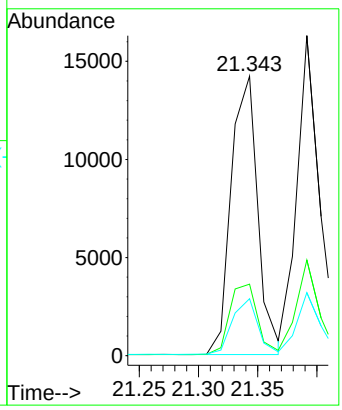
Instrument :
BNA_E
ClientSampleId :
EB-01-040721

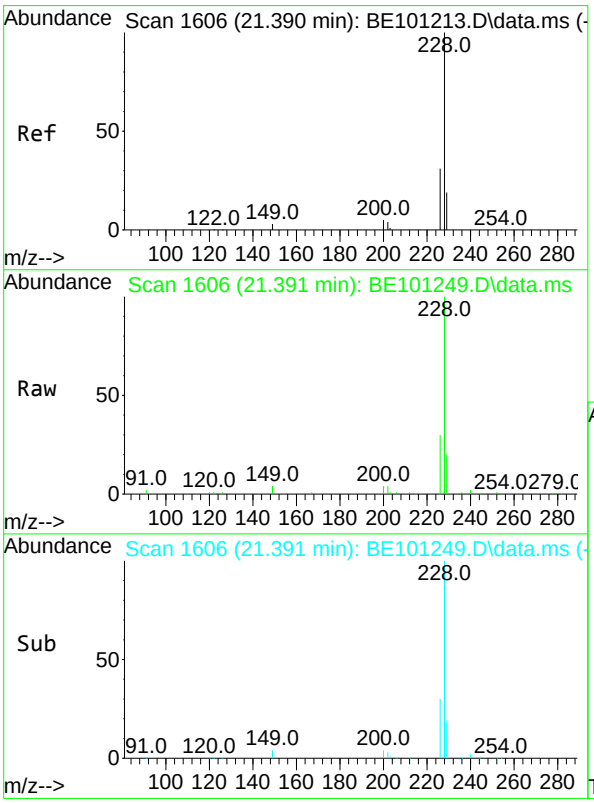


#32
Benzo(a)anthracene
Concen: 0.29 ng
RT: 21.343 min Scan# 1602
Delta R.T. 0.001 min
Lab File: BE101249.D
Acq: 8 Apr 2021 16:47

Tgt Ion:228 Resp: 22155

Ion	Ratio	Lower	Upper
228	100		
226	25.6	21.4	32.2
229	20.4	15.7	23.5

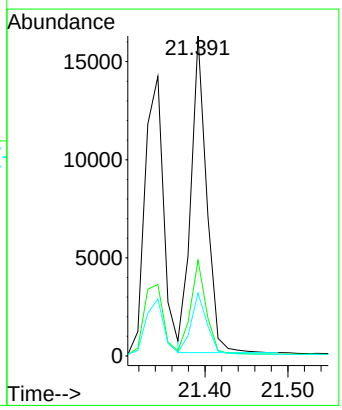




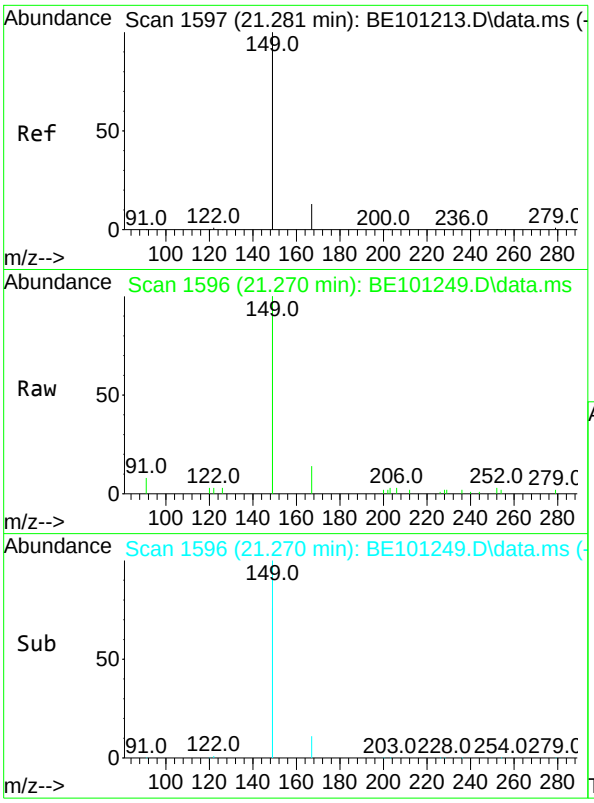
#33
Chrysene
Concen: 0.24 ng
RT: 21.391 min Scan# 1606
Delta R.T. 0.001 min
Lab File: BE101249.D
Acq: 8 Apr 2021 16:47

Tgt Ion:228 Resp: 21137

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.8	37.2
229	19.7	15.2	22.8



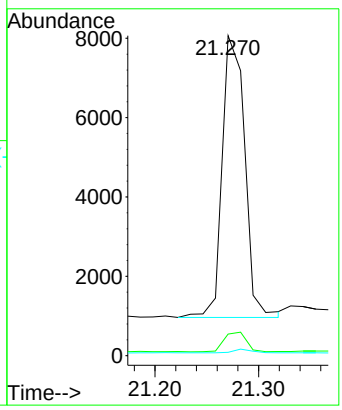
Instrument :
BNA_E
ClientSampleId :
EB-01-040721

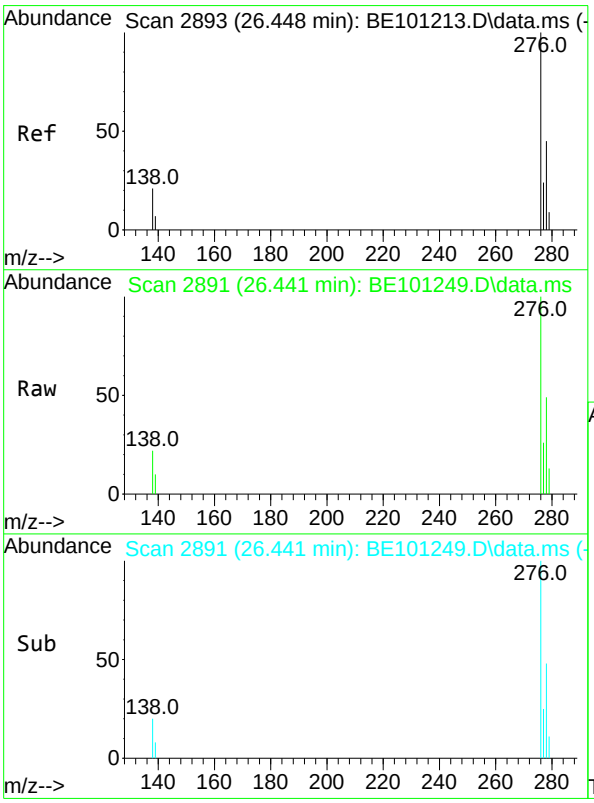


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.20 ng
RT: 21.270 min Scan# 1596
Delta R.T. -0.011 min
Lab File: BE101249.D
Acq: 8 Apr 2021 16:47

Tgt Ion:149 Resp: 10735

Ion	Ratio	Lower	Upper
149	100		
167	7.0	5.5	8.3
279	1.1	1.0	1.4

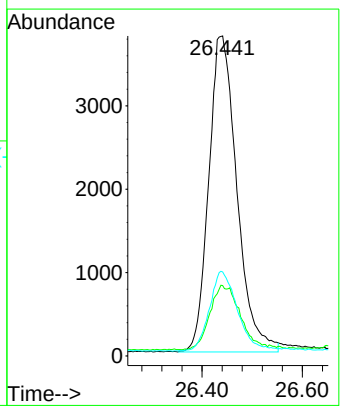




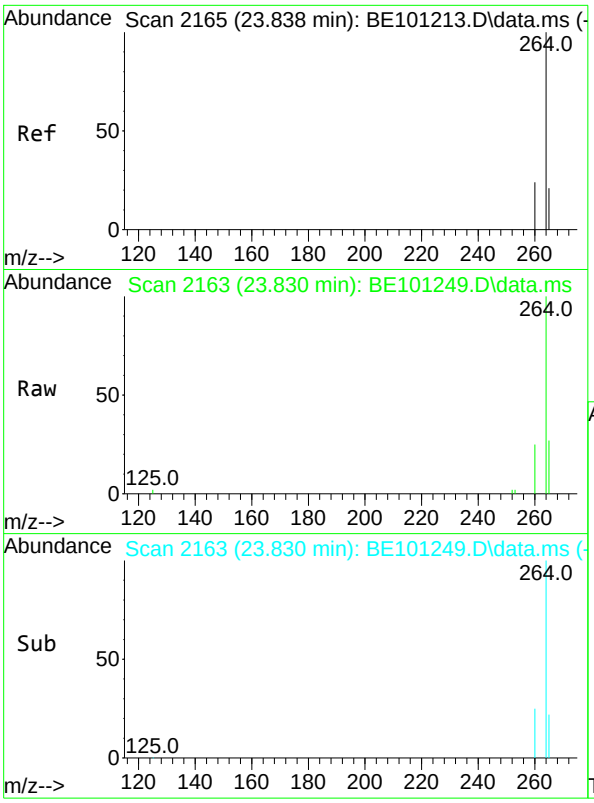
#35
Indeno(1,2,3-cd)pyrene
Concen: 0.22 ng
RT: 26.441 min Scan# 2891
Delta R.T. -0.003 min
Lab File: BE101249.D
Acq: 8 Apr 2021 16:47

Tgt Ion:276 Resp: 14776

Ion	Ratio	Lower	Upper
276	100		
138	21.9	17.4	26.0
277	24.9	19.8	29.8



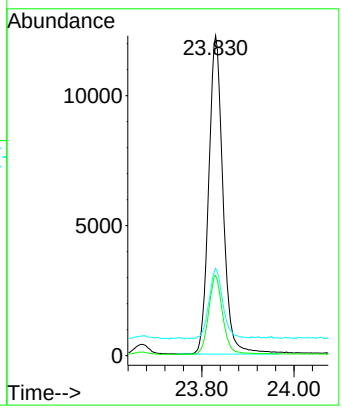
Instrument :
BNA_E
ClientSampleId :
EB-01-040721

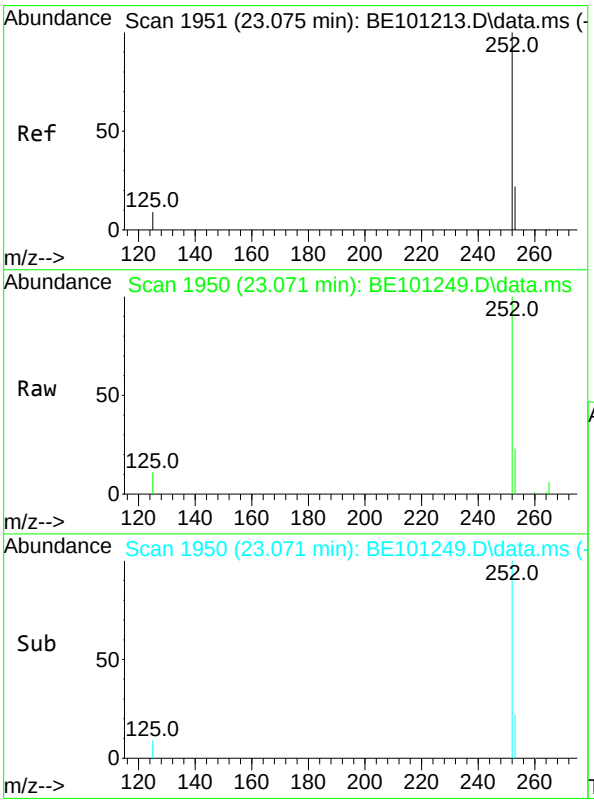


#36
Perylene-d12
Concen: 0.40 ng
RT: 23.830 min Scan# 2163
Delta R.T. -0.005 min
Lab File: BE101249.D
Acq: 8 Apr 2021 16:47

Tgt Ion:264 Resp: 26354

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.3	28.9
265	27.2	22.4	33.6

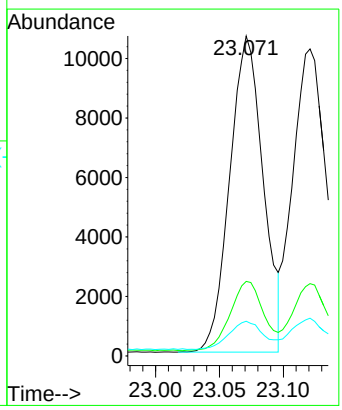




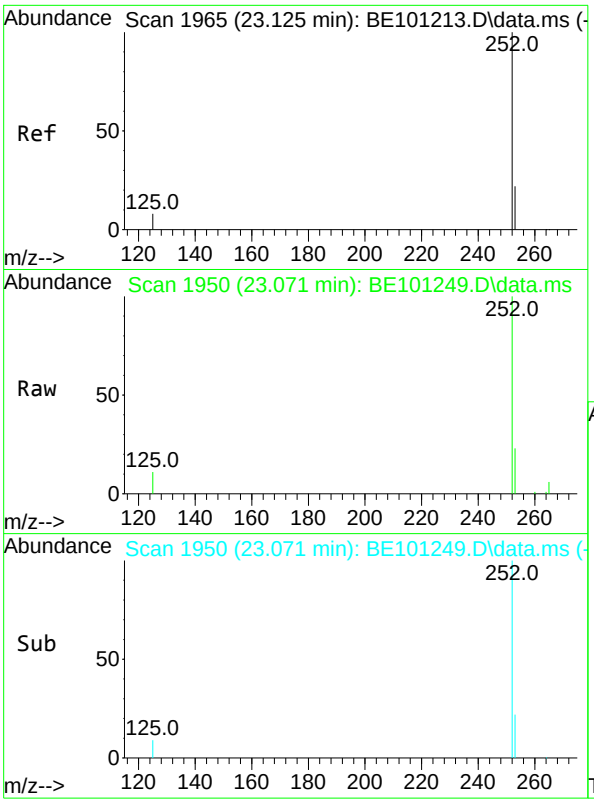
#37
Benzo(b)fluoranthene
Concen: 0.22 ng
RT: 23.071 min Scan# 1950
Delta R.T. -0.005 min
Lab File: BE101249.D
Acq: 8 Apr 2021 16:47

Tgt Ion:252 Resp: 19340

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.1	27.1
125	10.8	7.6	11.4



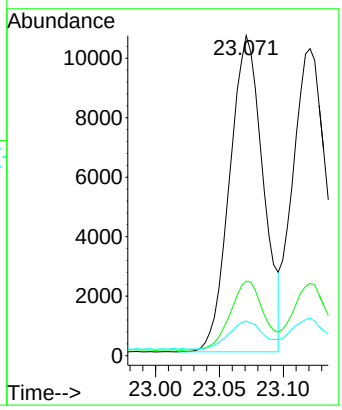
Instrument :
BNA_E
ClientSampleId :
EB-01-040721

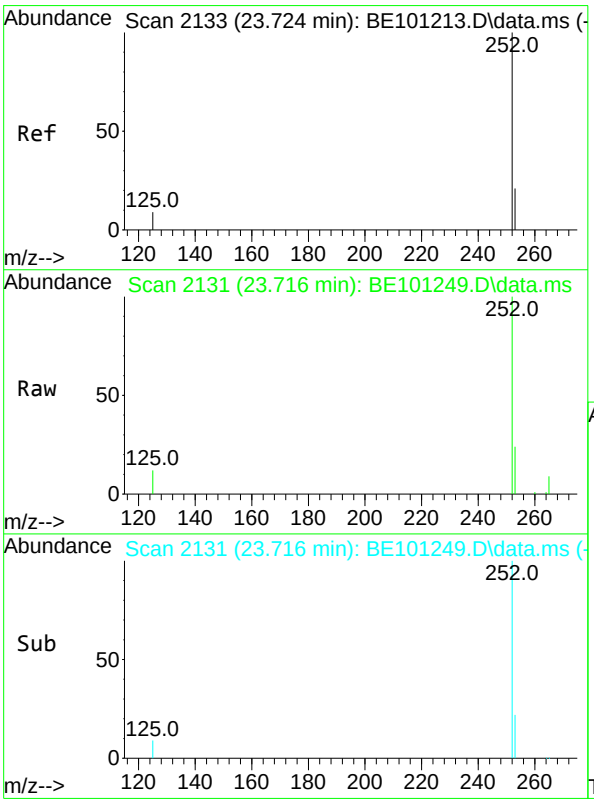


#38
Benzo(k)fluoranthene
Concen: 0.20 ng
RT: 23.071 min Scan# 1950
Delta R.T. -0.054 min
Lab File: BE101249.D
Acq: 8 Apr 2021 16:47

Tgt Ion:252 Resp: 19340

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.8	26.6
125	10.8	7.6	11.4

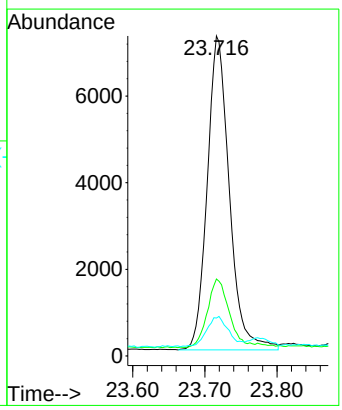




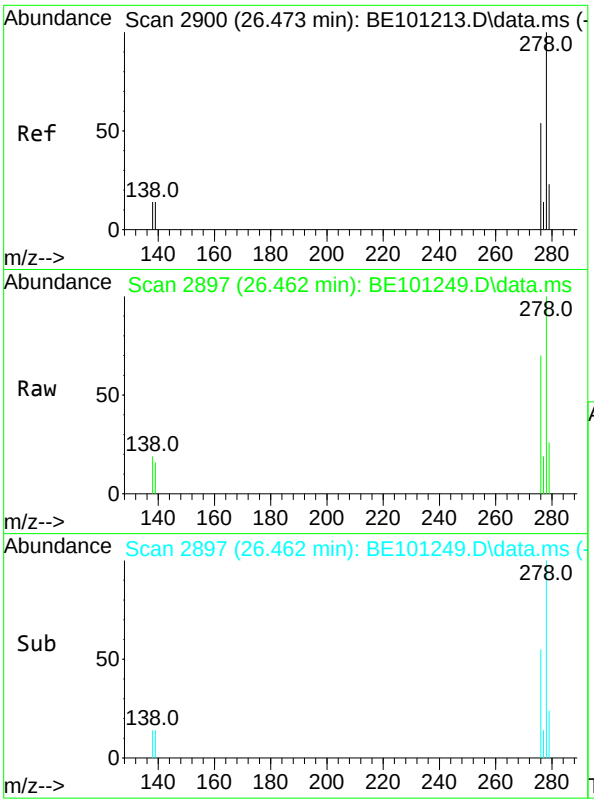
#39
Benzo(a)pyrene
Concen: 0.21 ng
RT: 23.716 min Scan# 2131
Delta R.T. -0.008 min
Lab File: BE101249.D
Acq: 8 Apr 2021 16:47

Tgt Ion:252 Resp: 15442

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.0	27.0
125	11.8	8.0	12.0



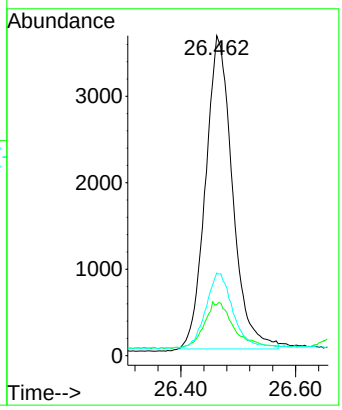
Instrument :
BNA_E
ClientSampleId :
EB-01-040721

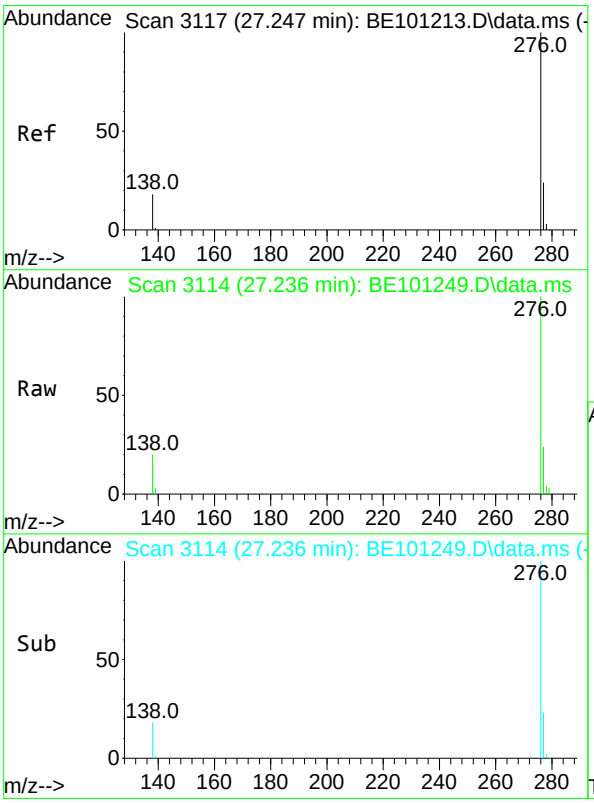


#40
Dibenzo(a,h)anthracene
Concen: 0.17 ng
RT: 26.462 min Scan# 2897
Delta R.T. -0.011 min
Lab File: BE101249.D
Acq: 8 Apr 2021 16:47

Tgt Ion:278 Resp: 11801

Ion	Ratio	Lower	Upper
278	100		
139	16.0	12.2	18.2
279	25.9	19.3	28.9





#41
Benzo(g,h,i)perylene
Concen: 0.16 ng
RT: 27.236 min Scan# 3114
Delta R.T. -0.007 min
Lab File: BE101249.D
Acq: 8 Apr 2021 16:47

Tgt Ion:276 Resp: 12184

Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.4	29.0
138	20.3	15.2	22.8