Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE032219\
Data File : BE099076.D
Acq On : 22 Mar 2019 11:26
Operator : JU/SJ
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Mar 22 13:36:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE032219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 22 13:31:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	3112	0.40	ng		0.00
7) Naphthalene-d8	10.64	136	11859	0.40	ng		0.00
13) Acenaphthene-d10	14.48	164	7846	0.40	ng		0.00
19) Phenanthrene-d10	17.21	188	23568	0.40	ng		0.00
27) Chrysene-d12	21.39	240	31222	0.40	ng		0.00
34) Perylene-d12	23.90	264	31823	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.41	112	1993	0.21	ng		0.00
5) Phenol-d6	6.99	99	2824	0.21	ng		0.00
8) Nitrobenzene-d5	8.99	82	977	0.08	ng		0.00
11) 2-Methylnaphthalene-d10	12.24	152	4470	0.20	ng		0.00
14) 2,4,6-Tribromophenol	15.96	330	421	0.11	ng		0.00
15) 2-Fluorobiphenyl	13.12	172	6658	0.20	ng		0.00
25) Fluoranthene-d10	19.24	212	67095	0.18	ng		0.00
29) Terphenyl-d14	19.85	244	13754	0.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.35	88	909	0.148	ng	#	83
3) n-Nitrosodimethylamine	3.68	42	400	0.051	ng	#	100
6) bis(2-Chloroethyl)ether	7.27	93	2058	0.203	ng		91
9) Naphthalene	10.68	128	29362	0.216	ng		99
10) Hexachlorobutadiene	10.96	225	1468	0.163	ng		96
12) 2-Methylnaphthalene	12.31	142	4971	0.226	ng		97
16) Acenaphthylene	14.21	152	8801	0.218	ng		100
17) Acenaphthene	14.54	154	5239	0.219	ng		100
18) Fluorene	15.51	166	7763	0.225	ng		100
20) 4-Bromophenyl-phenylether	16.41	248	2797	0.219	ng		99
21) Hexachlorobenzene	16.52	284	2585	0.170	ng		96
22) Pentachlorophenol	16.87	266	620	0.201	ng		92
23) Phenanthrene	17.25	178	15125	0.226	ng		99
24) Anthracene	17.35	178	13864	0.242	ng		99
26) Fluoranthene	19.27	202	21355	0.226	ng		99
28) Pyrene	19.63	202	22533	0.236	ng		99
30) Benzo(a)anthracene	21.38	228	23486	0.241	ng		98
31) Chrysene	21.43	228	23893	0.229	ng		99
32) Bis(2-ethylhexyl)phthalate	21.30	149	28767	0.139	ng	#	100
33) Indeno(1,2,3-cd)pyrene	26.56	276	25454	0.231	ng		99
35) Benzo(b)fluoranthene	23.13	252	23352	0.223	ng		96
36) Benzo(k)fluoranthene	23.18	252	22761	0.208	ng		97
37) Benzo(a)pyrene	23.79	252	21458	0.214	ng		97
38) Dibenzo(a,h)anthracene	26.59	278	20211	0.213	ng		96
39) Benzo(g,h,i)perylene	27.39	276	21520	0.217	ng		98

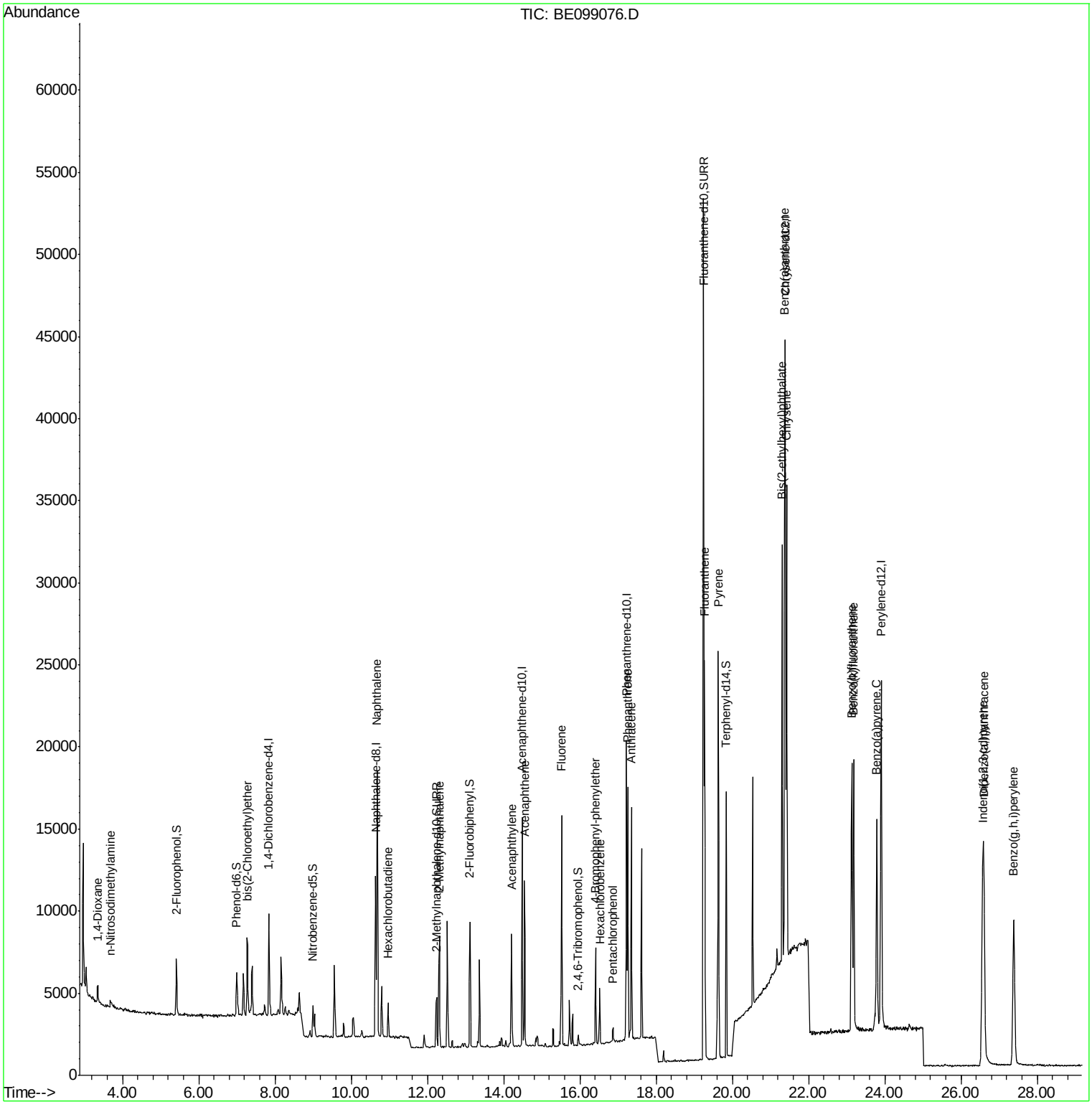
(#) = qualifier out of range (m) = manual integration (+) = signals summed

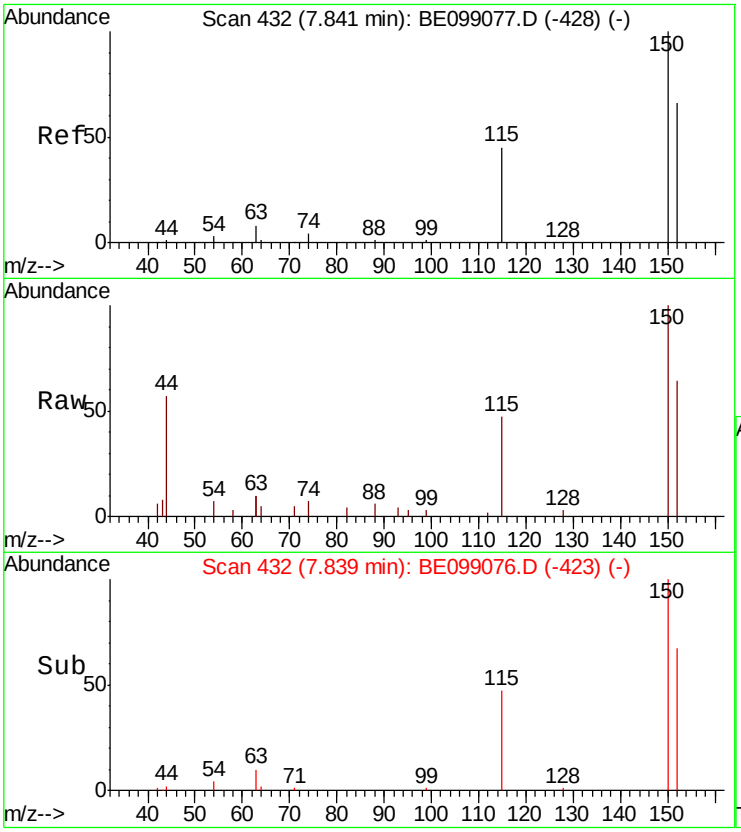
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE032219\
Data File : BE099076.D
Acq On : 22 Mar 2019 11:26
Operator : JU/SJ
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Mar 22 13:36:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE032219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 22 13:31:55 2019
Response via : Initial Calibration



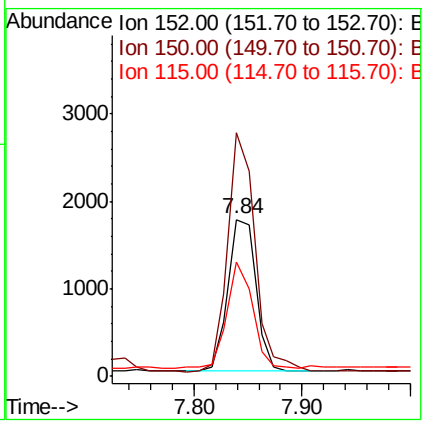


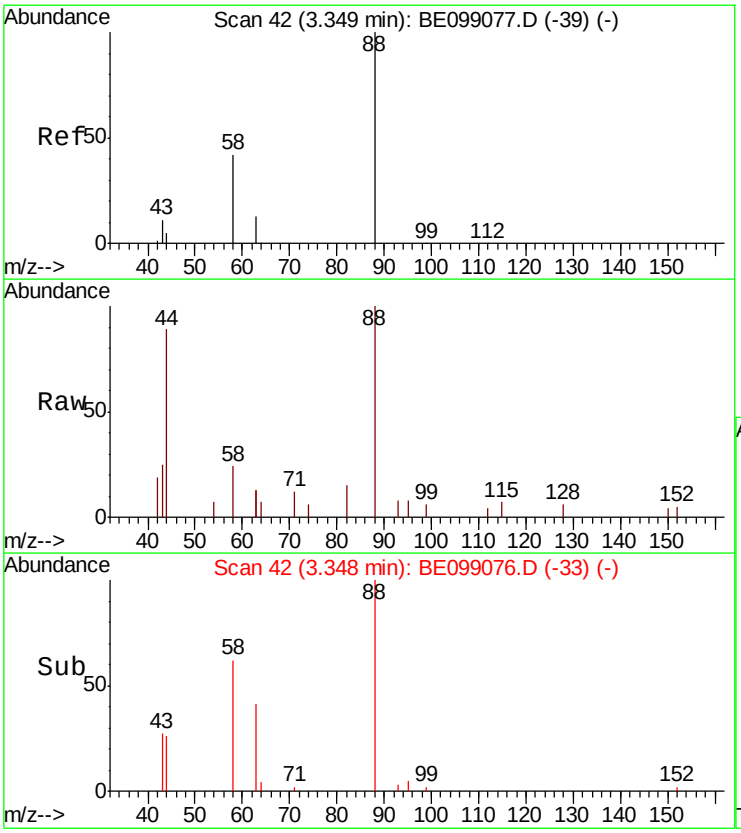
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.84 min Scan# 432
Delta R.T. -0.00 min
Lab File: BE099076.D
Acq: 22 Mar 2019 11:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 3112

Ion	Ratio	Lower	Upper
152	100		
150	155.1	119.7	179.5
115	72.5	56.5	84.7

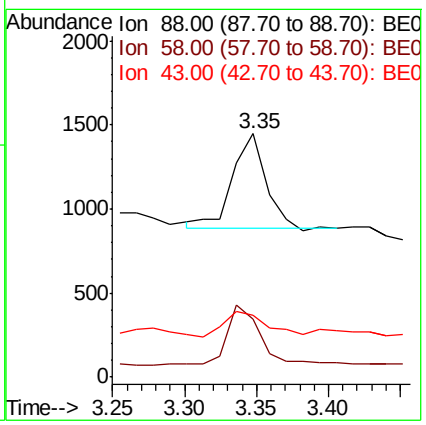


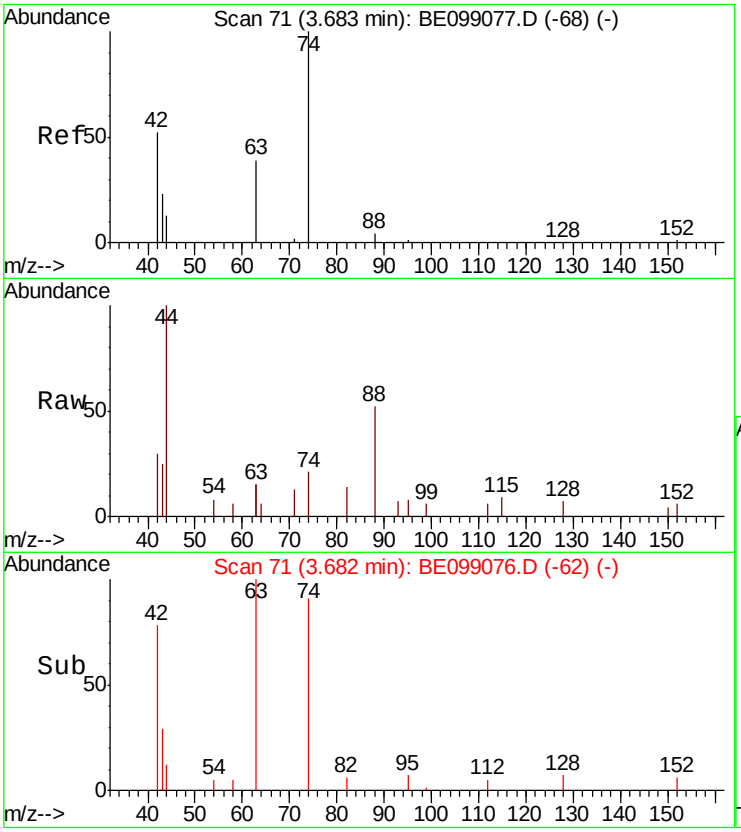


#2
1,4-Dioxane
Concen: 0.148 ng
RT: 3.35 min Scan# 42
Delta R.T. -0.00 min
Lab File: BE099076.D
Acq: 22 Mar 2019 11:26

Tgt Ion: 88 Resp: 909

Ion	Ratio	Lower	Upper
88	100		
58	64.5	45.5	68.3
43	35.1	14.9	22.3#



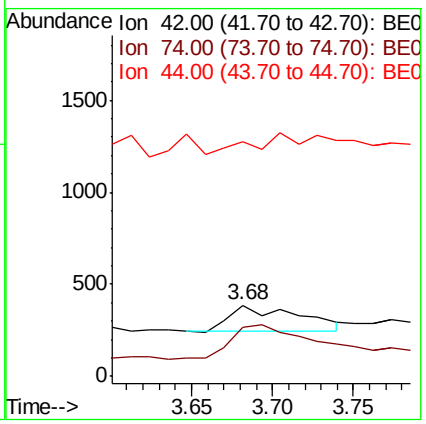


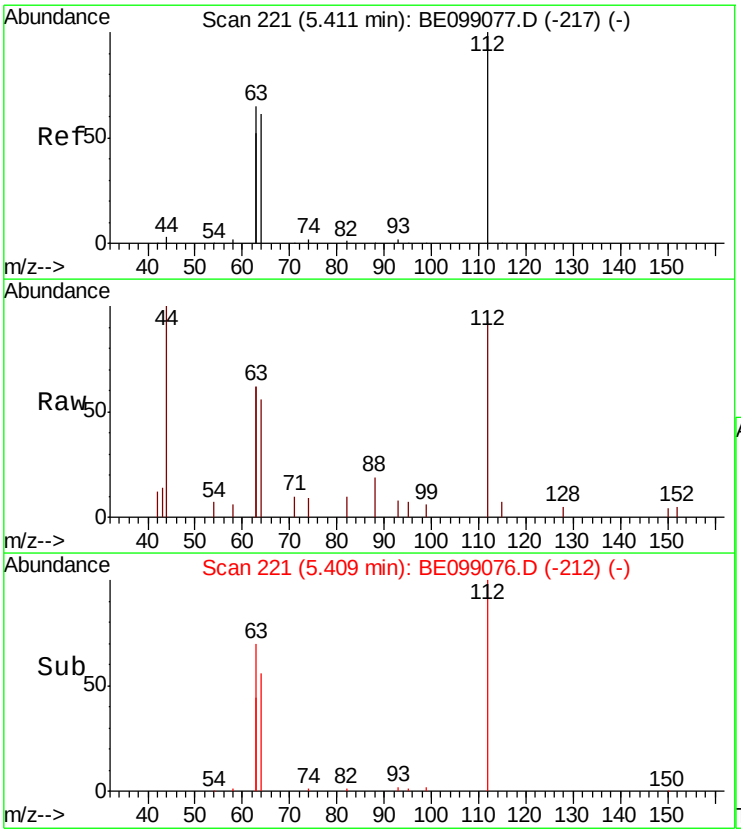
#3
n-Nitrosodimethylamine
Concen: 0.051 ng
RT: 3.68 min Scan# 71
Delta R.T. -0.00 min
Lab File: BE099076.D
Acq: 22 Mar 2019 11:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 400

Ion	Ratio	Lower	Upper
42	100		
74	152.8	0.0	0.0#
44	0.0	0.0	0.0

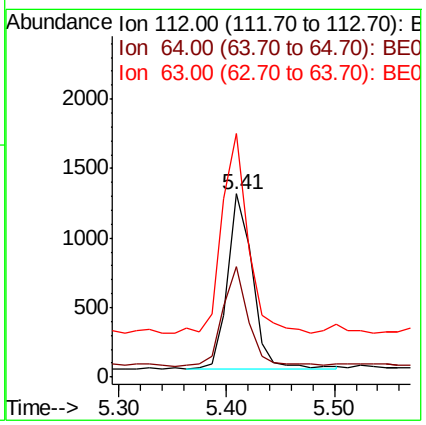


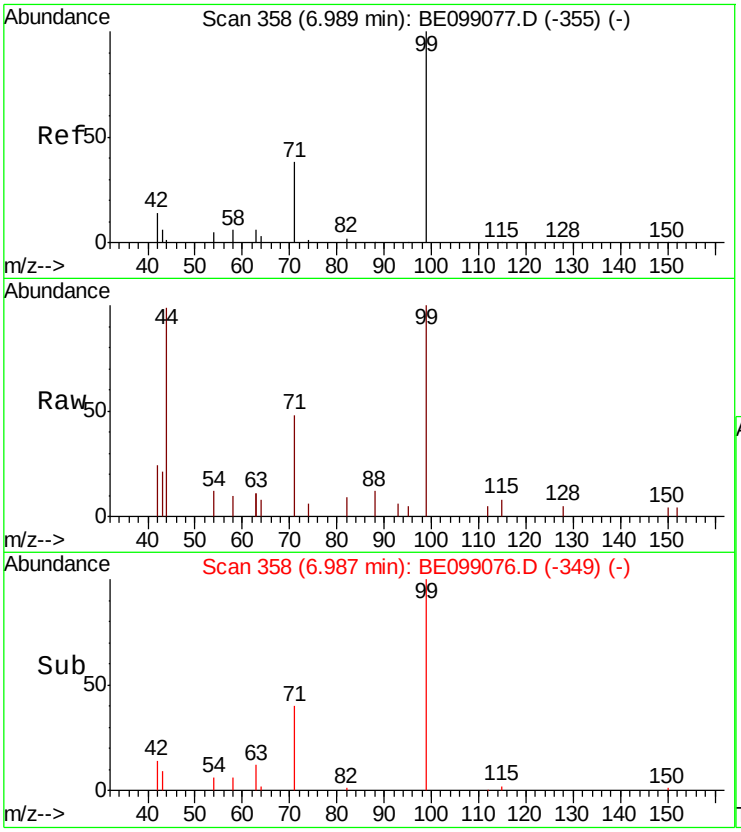


#4
2-Fluorophenol
Concen: 0.214 ng
RT: 5.41 min Scan# 221
Delta R.T. -0.00 min
Lab File: BE099076.D
Acq: 22 Mar 2019 11:26

Tgt Ion:112 Resp: 1993

Ion	Ratio	Lower	Upper
112	100		
64	59.0	44.8	67.2
63	121.9	88.2	132.2



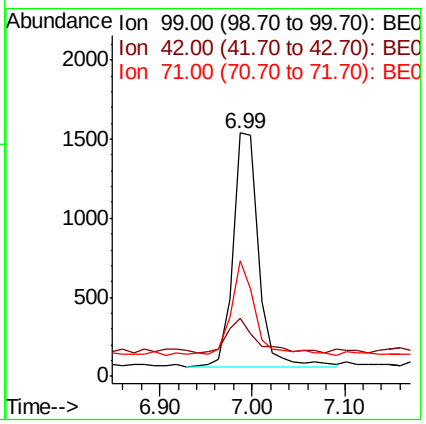


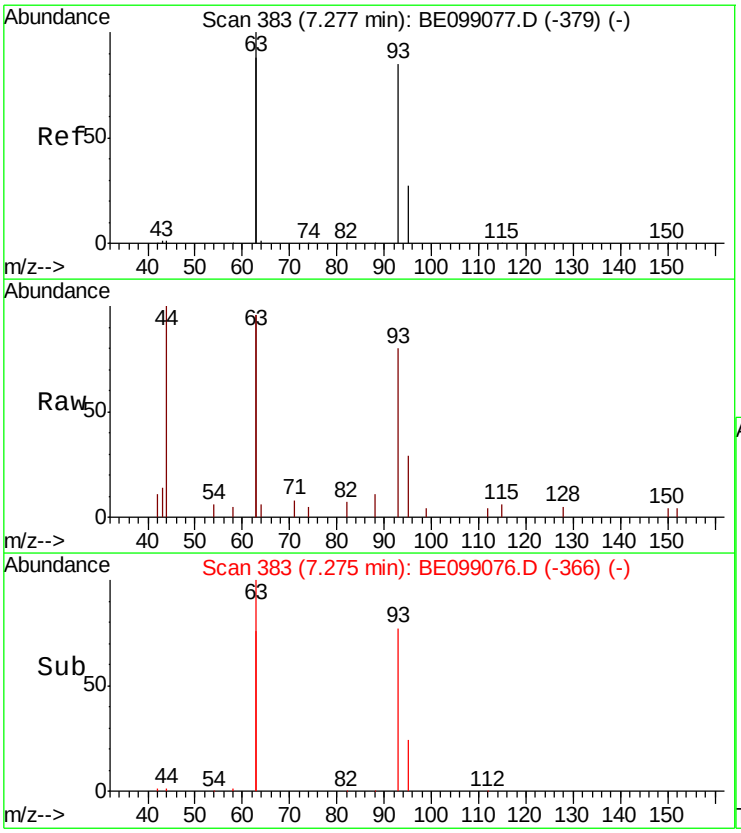
#5
Phenol-d6
Concen: 0.215 ng
RT: 6.99 min Scan# 358
Delta R.T. -0.00 min
Lab File: BE099076.D
Acq: 22 Mar 2019 11:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 2824

Ion	Ratio	Lower	Upper
99	100		
42	16.5	11.8	17.8
71	40.8	27.4	41.2

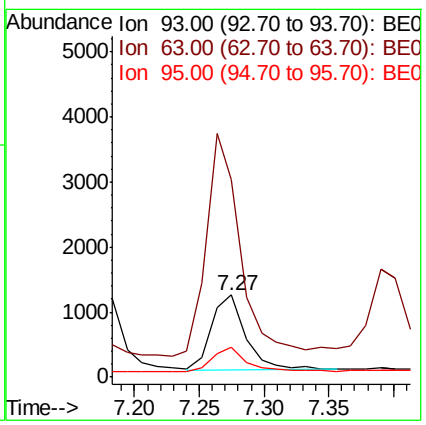


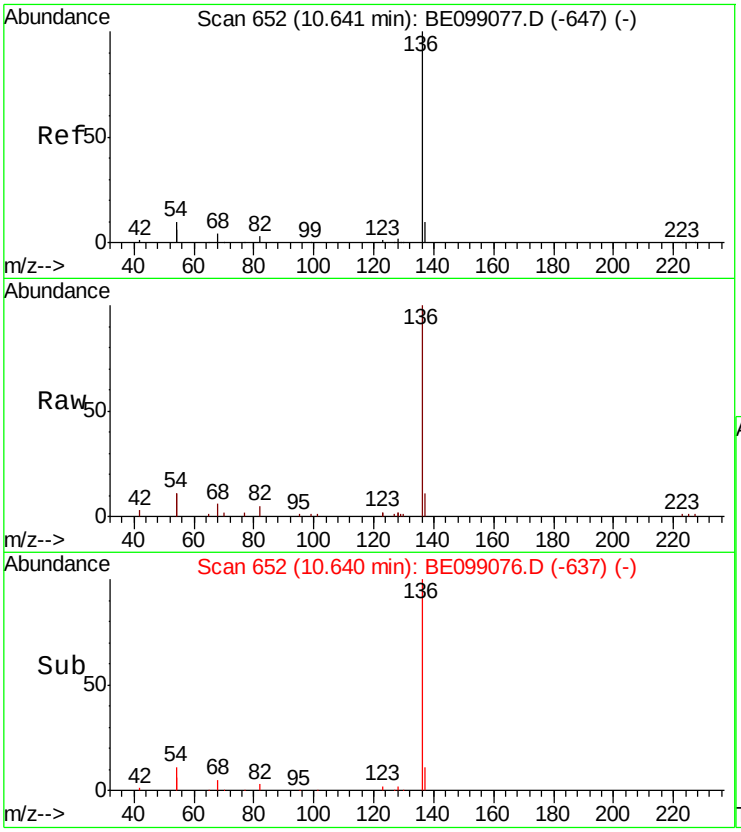


#6
bis(2-Chloroethyl)ether
Concen: 0.203 ng
RT: 7.27 min Scan# 383
Delta R.T. -0.00 min
Lab File: BE099076.D
Acq: 22 Mar 2019 11:26

Tgt Ion: 93 Resp: 2058

Ion	Ratio	Lower	Upper
93	100		
63	307.5	230.3	345.5
95	34.5	27.4	41.2



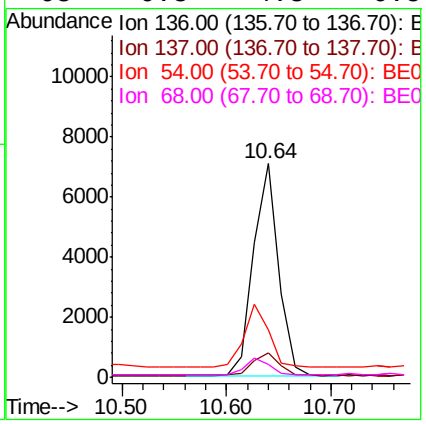


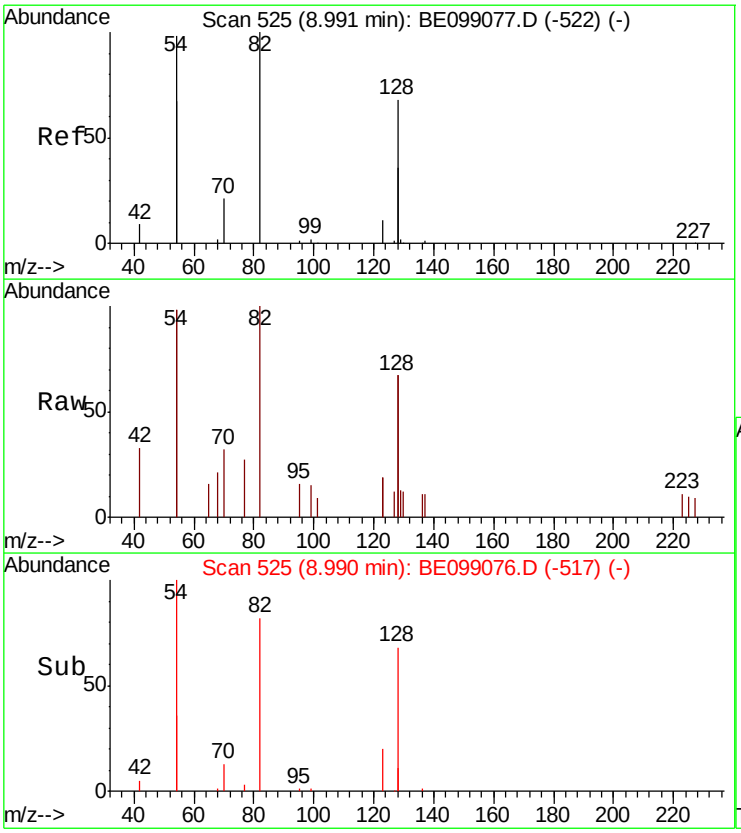
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.64 min Scan# 652
Delta R.T. -0.00 min
Lab File: BE099076.D
Acq: 22 Mar 2019 11:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 11859

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	22.1	15.7	23.5
68	6.3	4.3	6.5

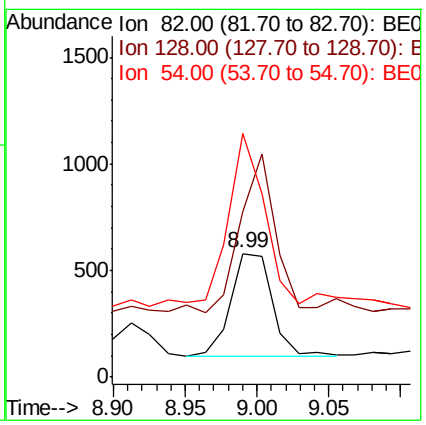


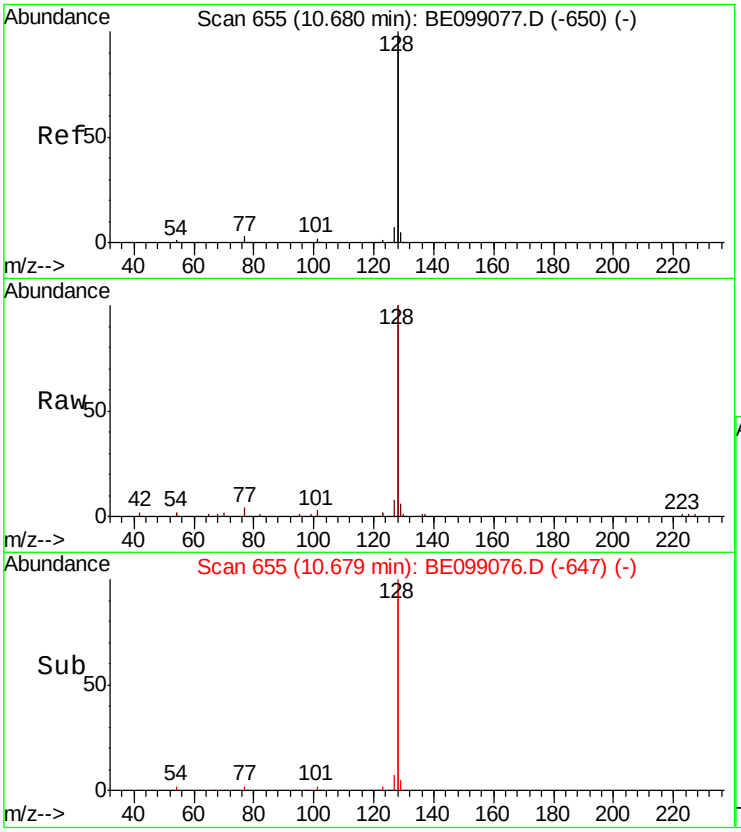


#8
Nitrobenzene-d5
Concen: 0.079 ng
RT: 8.99 min Scan# 525
Delta R.T. -0.00 min
Lab File: BE099076.D
Acq: 22 Mar 2019 11:26

Tgt Ion: 82 Resp: 977

Ion	Ratio	Lower	Upper
82	100		
128	134.1	98.8	148.2
54	196.9	143.7	215.5



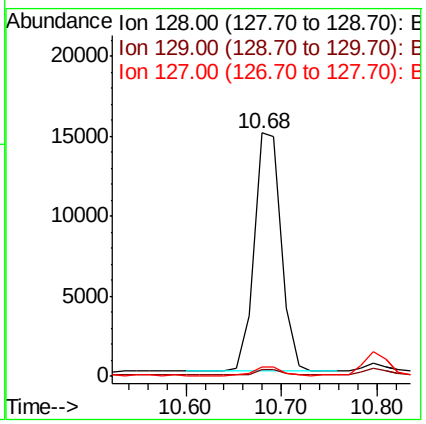


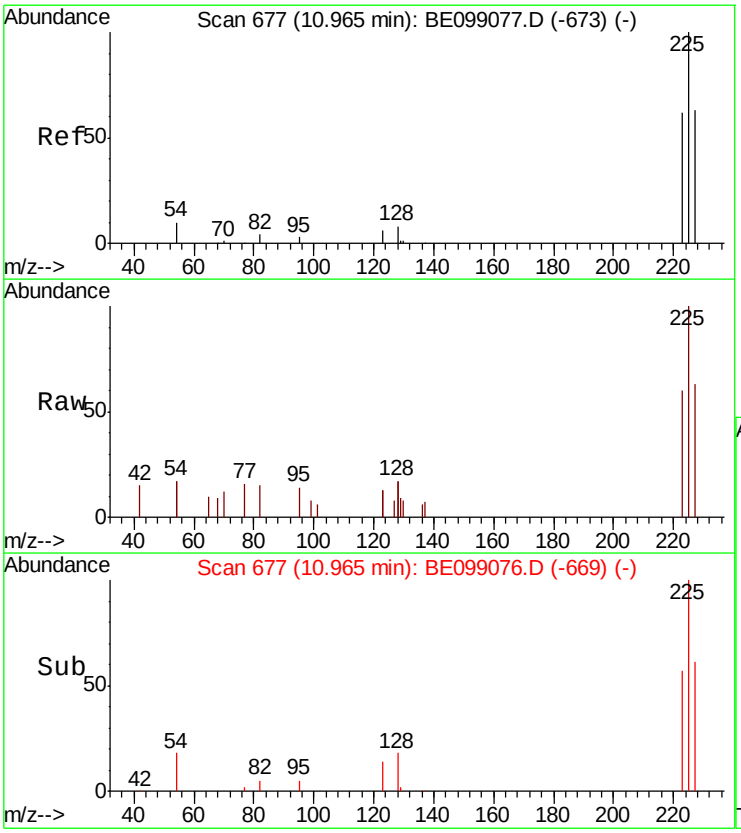
#9
Naphthalene
Concen: 0.216 ng
RT: 10.68 min Scan# 655
Delta R.T. -0.00 min
Lab File: BE099076.D
Acq: 22 Mar 2019 11:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 29362

Ion	Ratio	Lower	Upper
128	100		
129	3.0	2.3	3.5
127	3.9	2.8	4.2

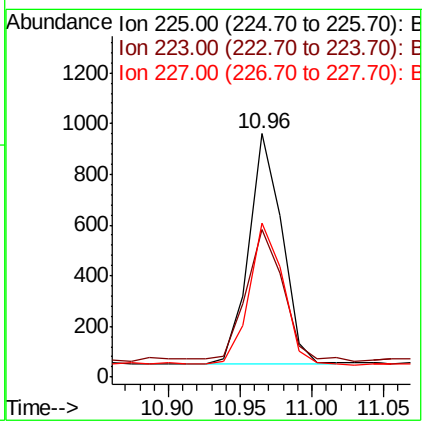


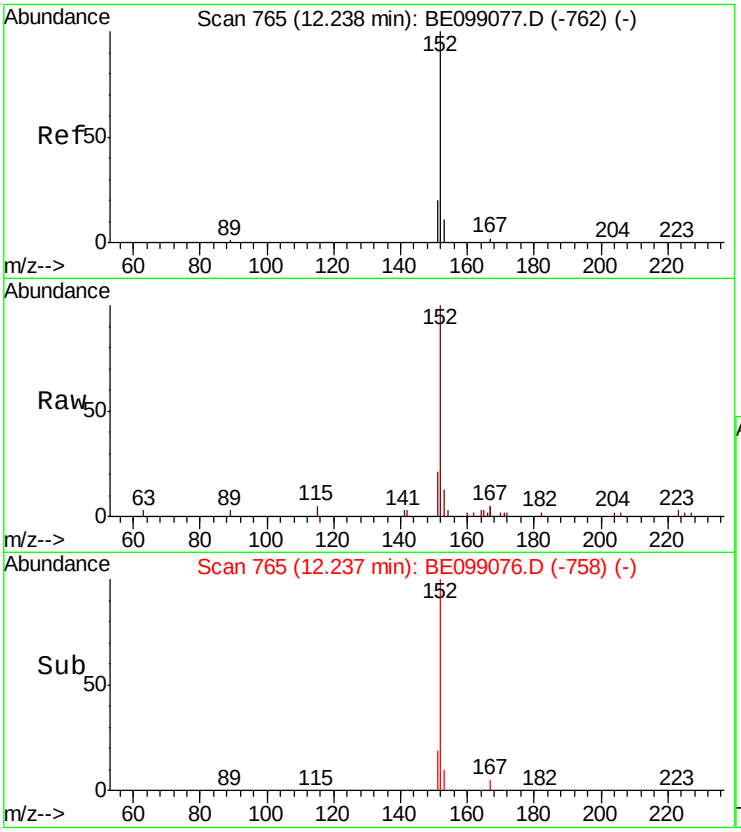


#10
Hexachlorobutadiene
Concen: 0.163 ng
RT: 10.96 min Scan# 677
Delta R.T. -0.00 min
Lab File: BE099076.D
Acq: 22 Mar 2019 11:26

Tgt Ion:225 Resp: 1468

Ion	Ratio	Lower	Upper
225	100		
223	60.4	51.1	76.7
227	61.9	51.4	77.2



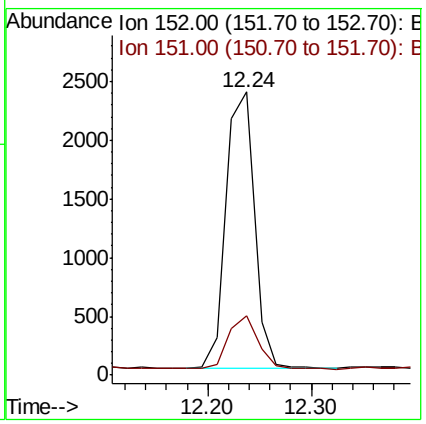


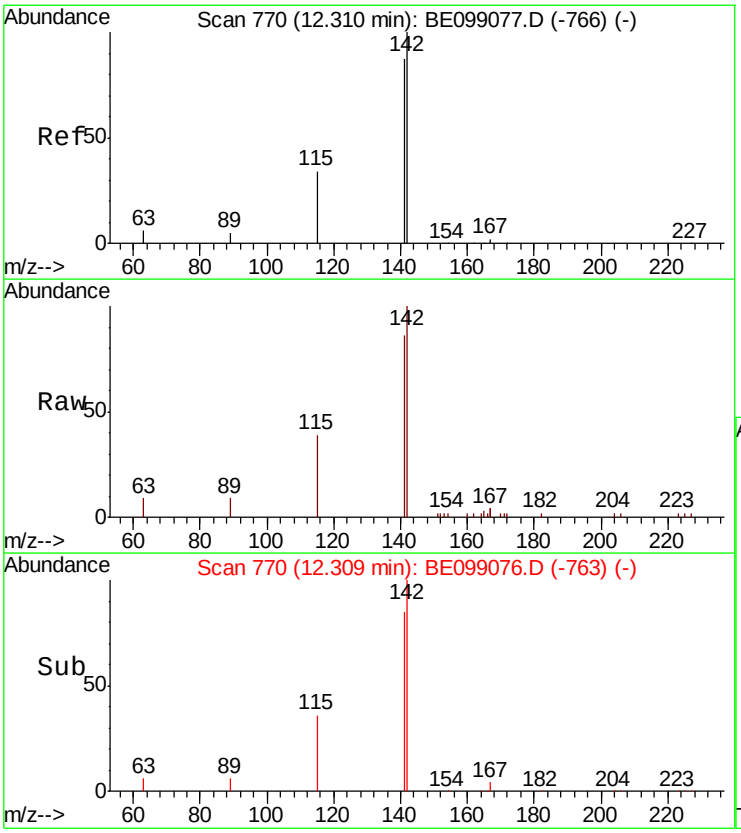
#11
2-Methylnaphthalene-d10
Concen: 0.204 ng
RT: 12.24 min Scan# 765
Delta R.T. -0.00 min
Lab File: BE099076.D
Acq: 22 Mar 2019 11:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 4470

Ion	Ratio	Lower	Upper
152	100		
151	20.6	15.7	23.5

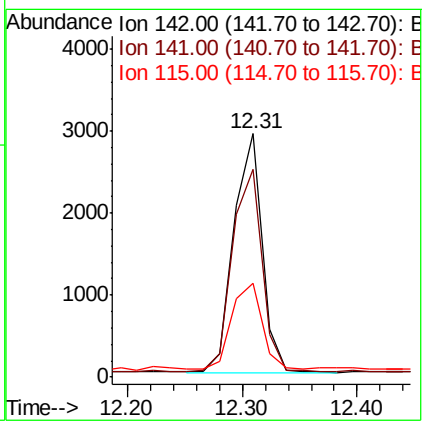


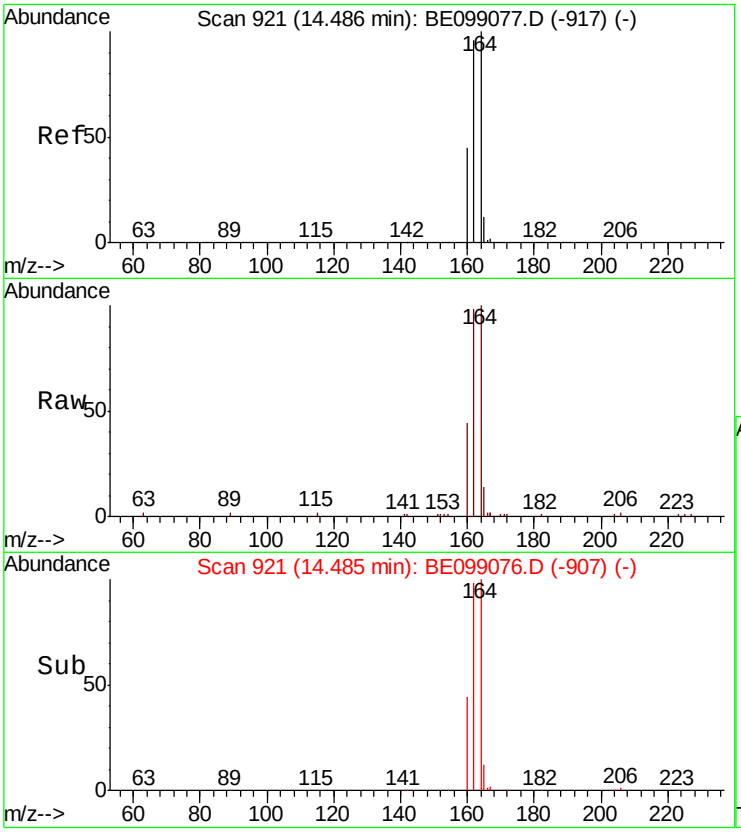


#12
2-Methylnaphthalene
Concen: 0.226 ng
RT: 12.31 min Scan# 770
Delta R.T. -0.00 min
Lab File: BE099076.D
Acq: 22 Mar 2019 11:26

Tgt Ion:142 Resp: 4971

Ion	Ratio	Lower	Upper
142	100		
141	85.6	69.7	104.5
115	38.7	28.2	42.4



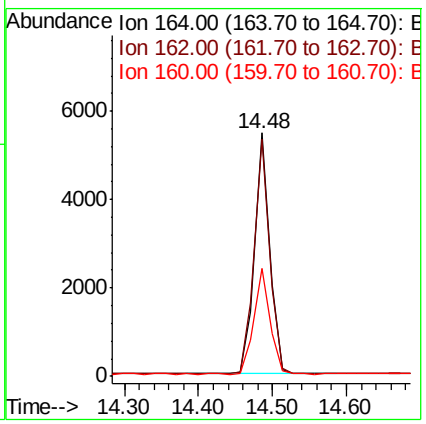


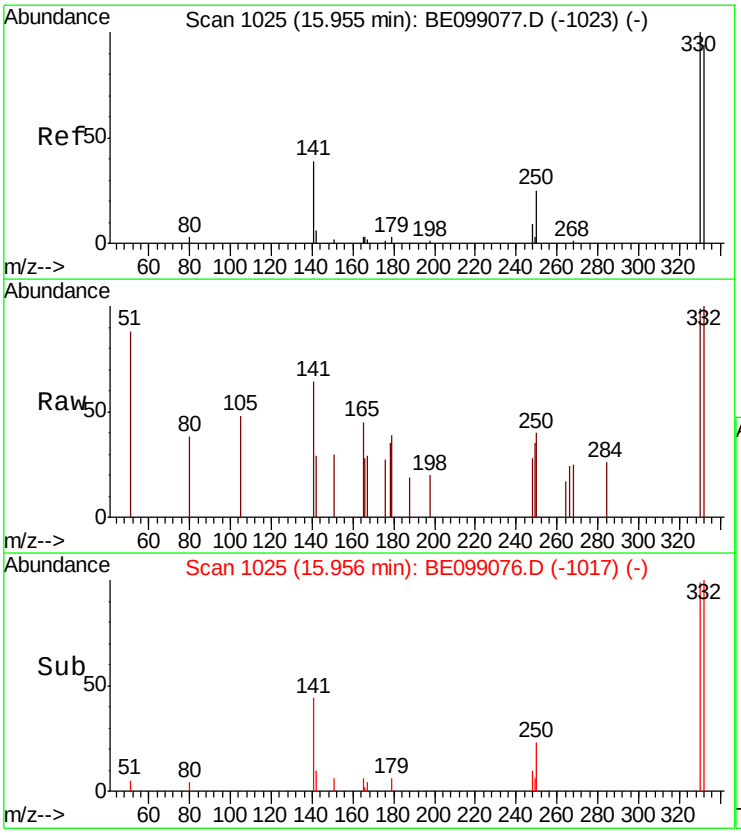
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.48 min Scan# 921
Delta R.T. -0.00 min
Lab File: BE099076.D
Acq: 22 Mar 2019 11:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 7846

Ion	Ratio	Lower	Upper
164	100		
162	97.7	76.8	115.2
160	44.3	36.1	54.1

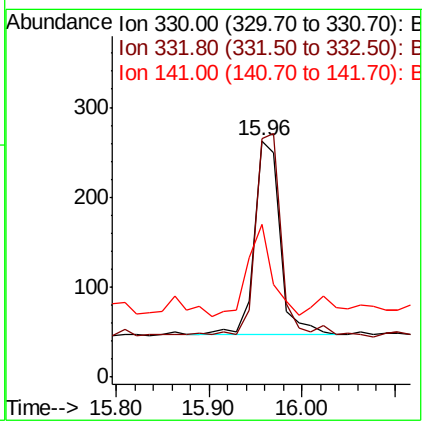


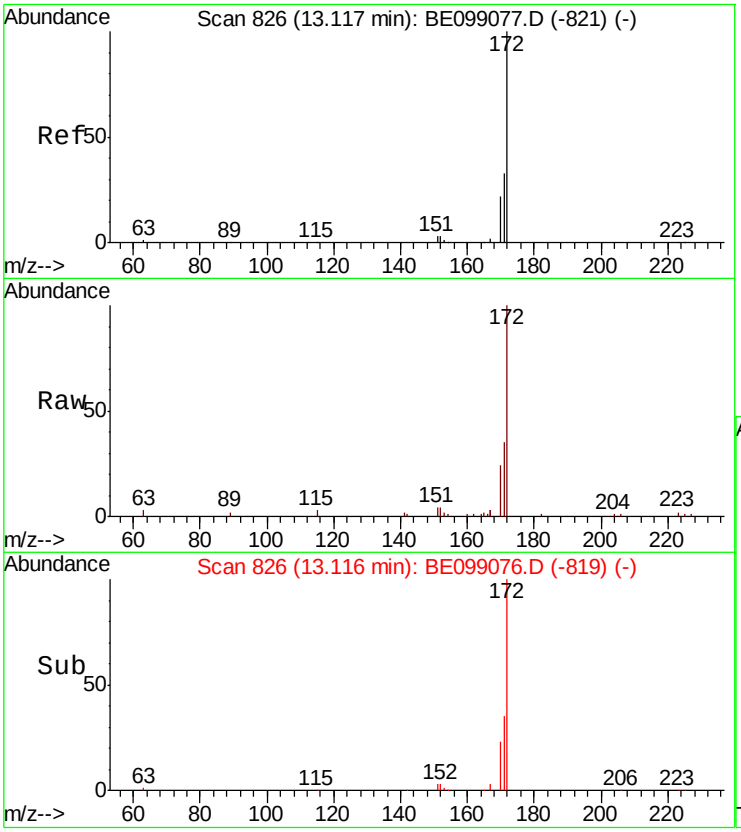


#14
2,4,6-Tribromophenol
Concen: 0.106 ng
RT: 15.96 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BE099076.D
Acq: 22 Mar 2019 11:26

Tgt Ion:330 Resp: 421

Ion	Ratio	Lower	Upper
330	100		
332	107.8	83.0	124.4
141	44.2	30.7	46.1



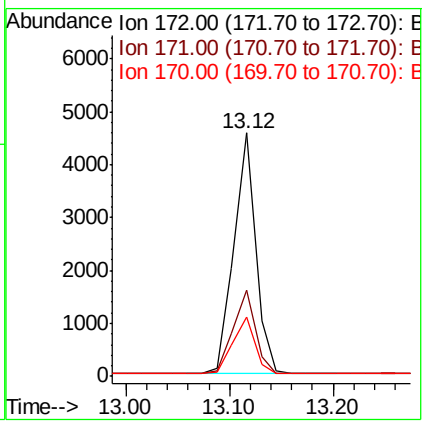


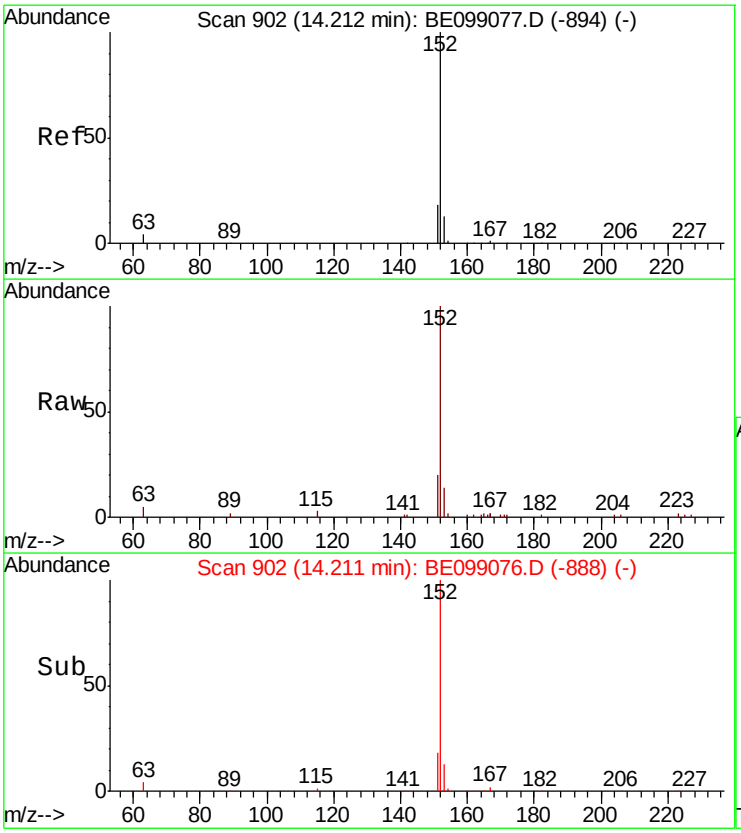
#15
2-Fluorobiphenyl
Concen: 0.205 ng
RT: 13.12 min Scan# 826
Delta R.T. -0.00 min
Lab File: BE099076.D
Acq: 22 Mar 2019 11:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 6658

Ion	Ratio	Lower	Upper
172	100		
171	35.4	26.7	40.1
170	24.1	18.1	27.1

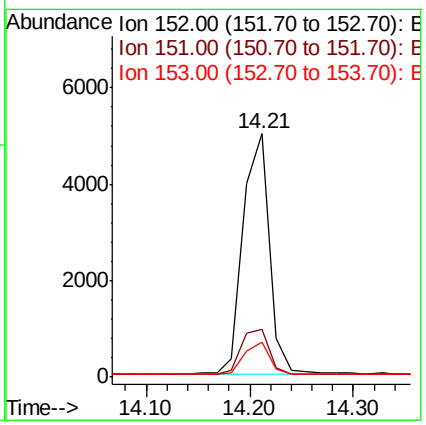


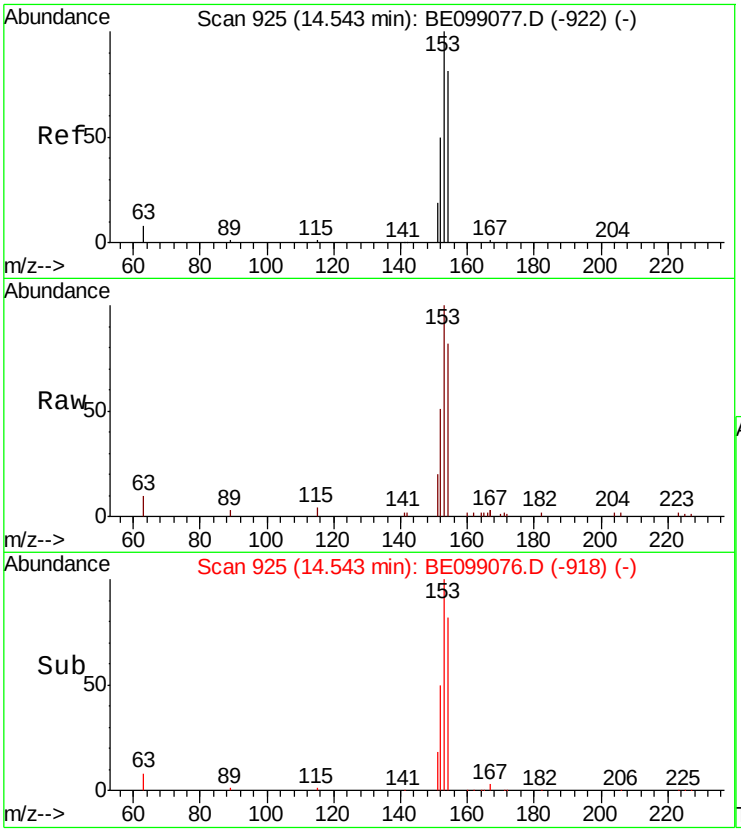


#16
Acenaphthylene
Concen: 0.218 ng
RT: 14.21 min Scan# 902
Delta R.T. -0.00 min
Lab File: BE099076.D
Acq: 22 Mar 2019 11:26

Tgt Ion:152 Resp: 8801

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.7	23.5
153	12.8	10.2	15.4



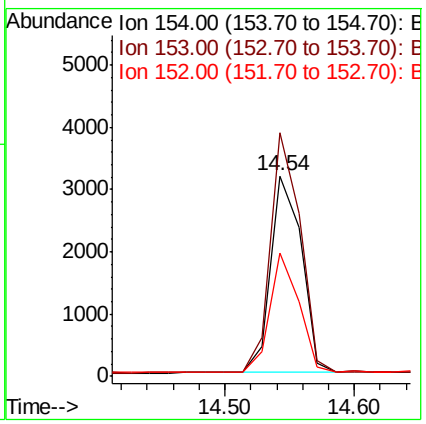


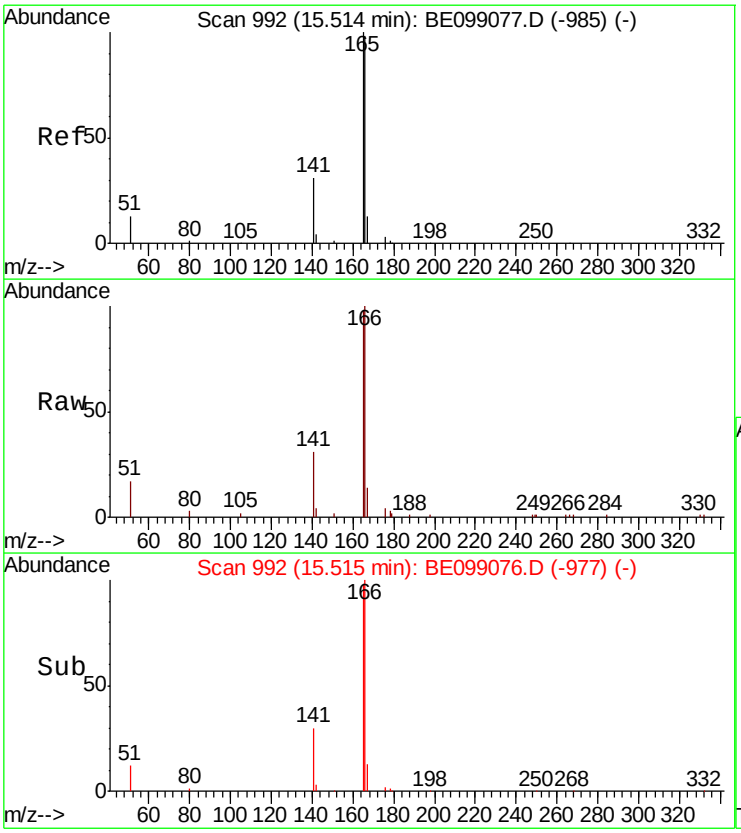
#17
Acenaphthene
Concen: 0.219 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE099076.D
Acq: 22 Mar 2019 11:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 5239

Ion	Ratio	Lower	Upper
154	100		
153	118.5	94.9	142.3
152	57.2	45.8	68.8

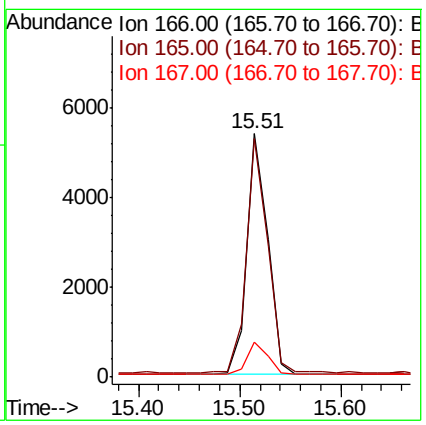


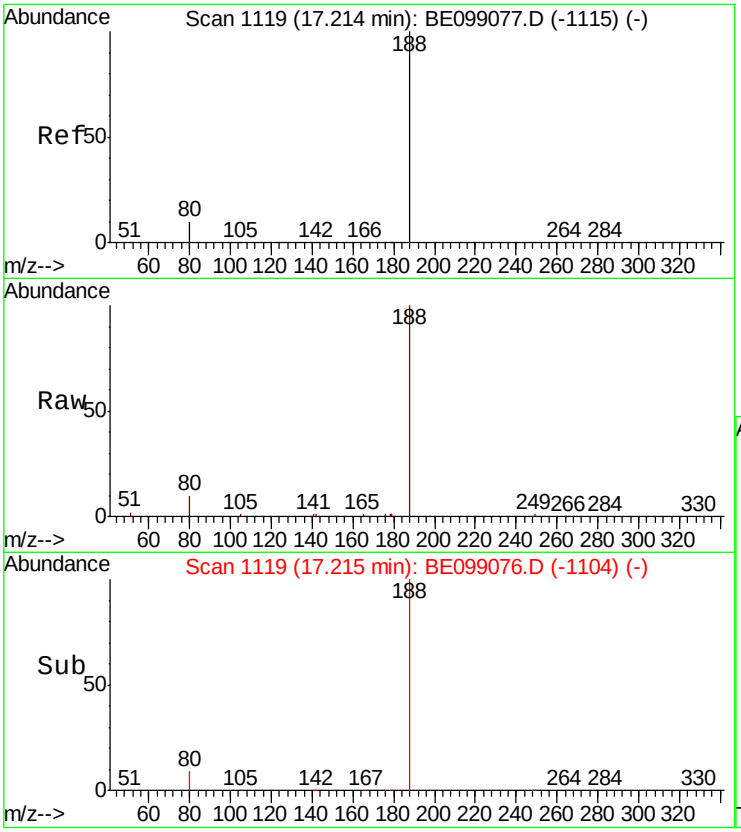


#18
Fluorene
Concen: 0.225 ng
RT: 15.51 min Scan# 992
Delta R.T. 0.00 min
Lab File: BE099076.D
Acq: 22 Mar 2019 11:26

Tgt Ion:166 Resp: 7763

Ion	Ratio	Lower	Upper
166	100		
165	99.6	79.4	119.2
167	13.3	10.8	16.2



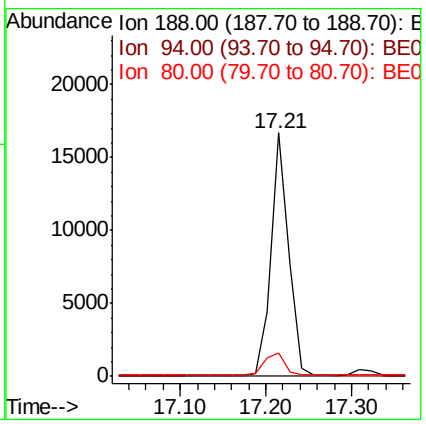


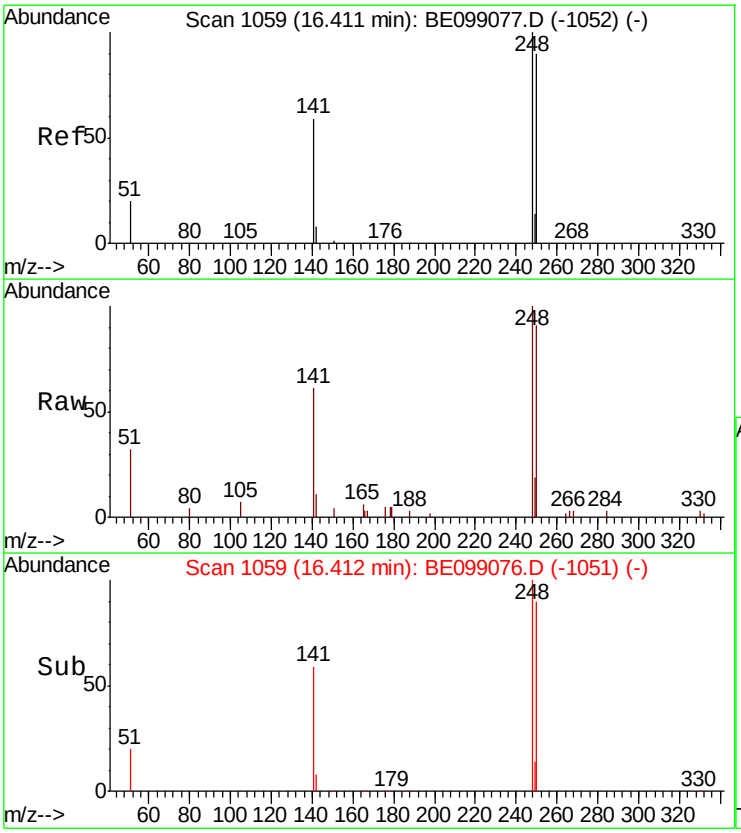
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BE099076.D
Acq: 22 Mar 2019 11:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 23568

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.5	8.1	12.1

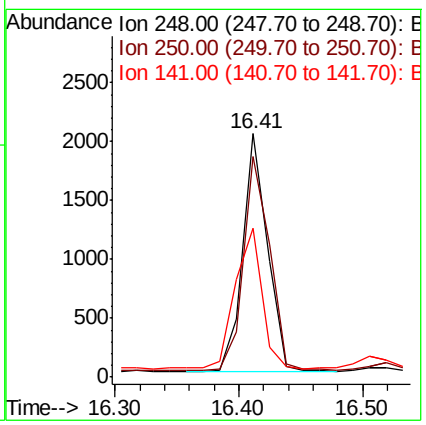


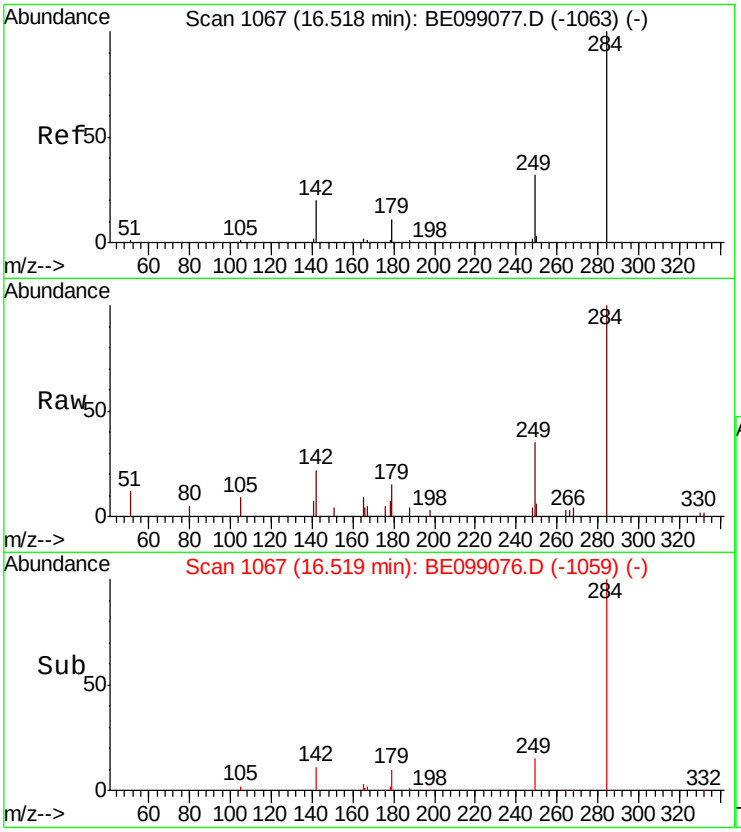


#20
4-Bromophenyl-phenylether
Concen: 0.219 ng
RT: 16.41 min Scan# 1059
Delta R.T. 0.00 min
Lab File: BE099076.D
Acq: 22 Mar 2019 11:26

Tgt Ion:248 Resp: 2797

Ion	Ratio	Lower	Upper
248	100		
250	90.6	72.0	108.0
141	61.1	47.8	71.8



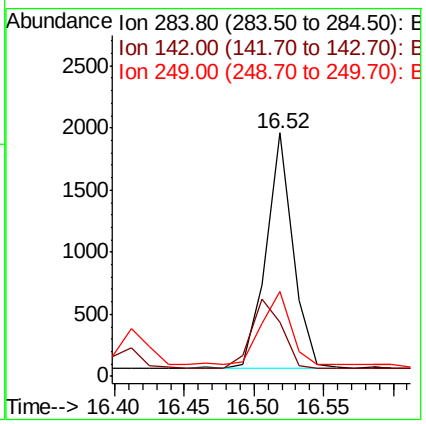


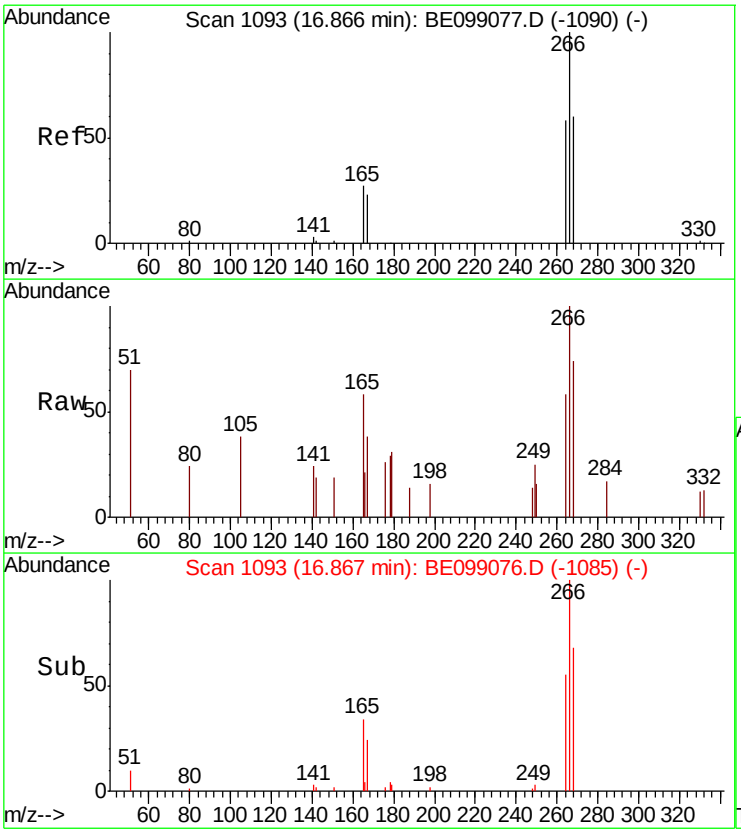
#21
Hexachlorobenzene
Concen: 0.170 ng
RT: 16.52 min Scan# 1067
Delta R.T. 0.00 min
Lab File: BE099076.D
Acq: 22 Mar 2019 11:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 2585

Ion	Ratio	Lower	Upper
284	100		
142	33.0	28.5	42.7
249	33.2	28.2	42.4

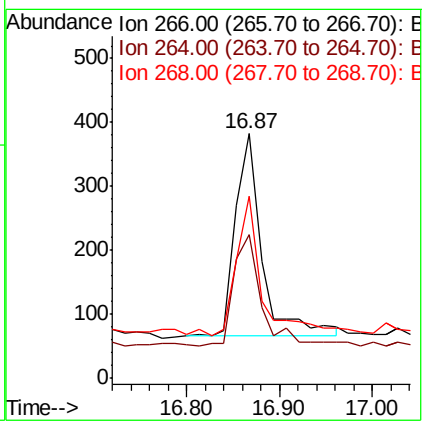


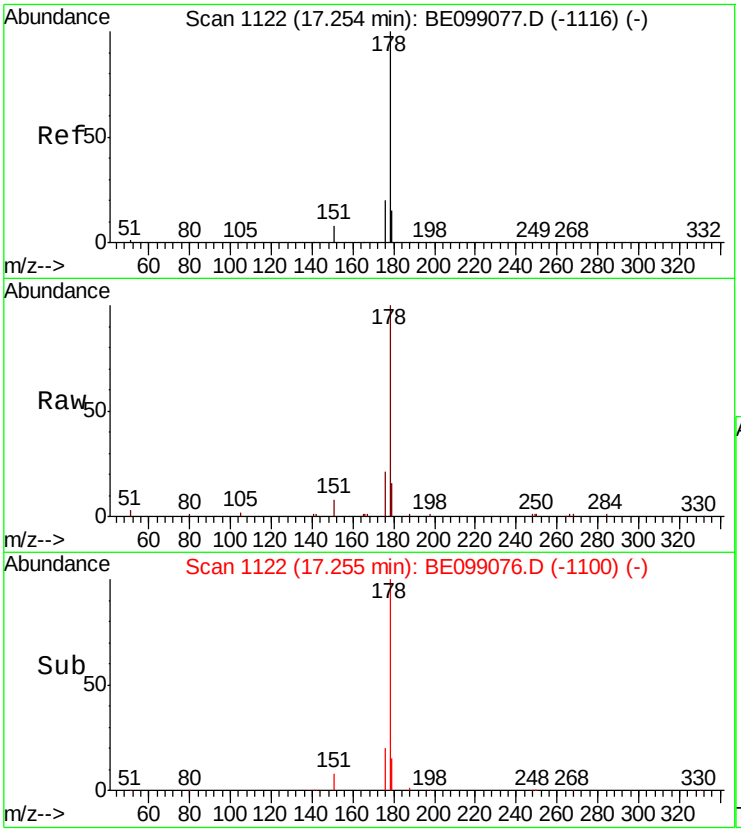


#22
Pentachlorophenol
Concen: 0.201 ng
RT: 16.87 min Scan# 1093
Delta R.T. 0.00 min
Lab File: BE099076.D
Acq: 22 Mar 2019 11:26

Tgt Ion:266 Resp: 620

Ion	Ratio	Lower	Upper
266	100		
264	58.4	47.4	71.0
268	74.3	50.7	76.1



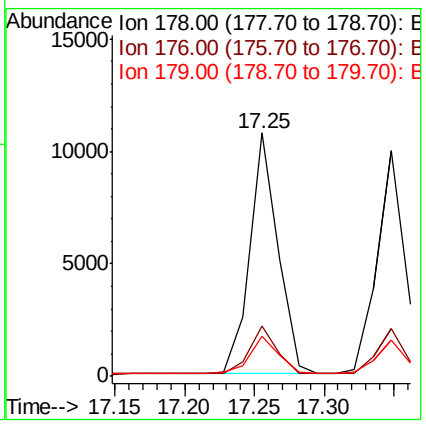


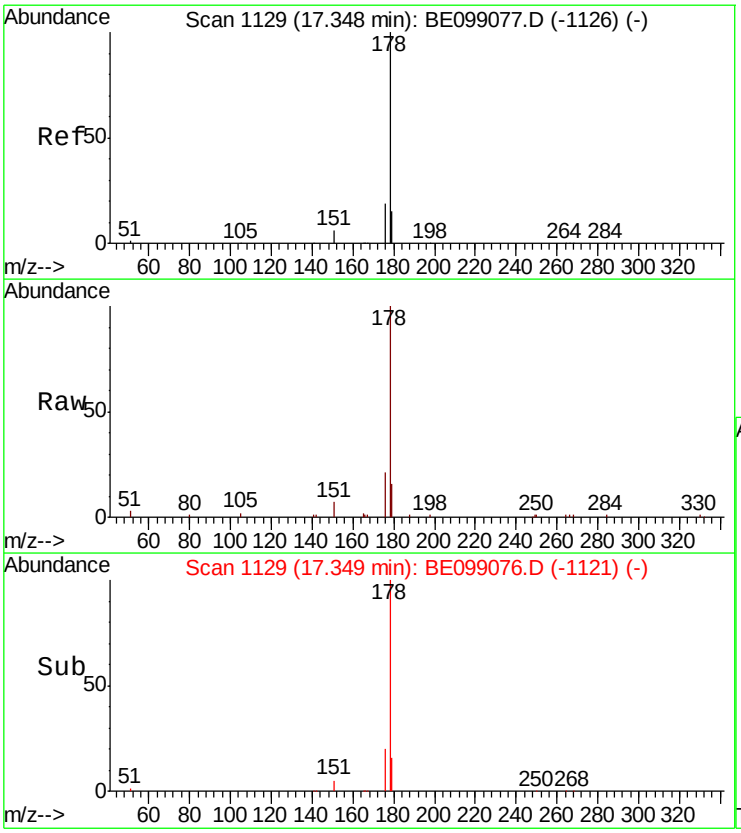
#23
Phenanthrene
Concen: 0.226 ng
RT: 17.25 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BE099076.D
Acq: 22 Mar 2019 11:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 15125

Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.0	24.0
179	16.1	12.1	18.1

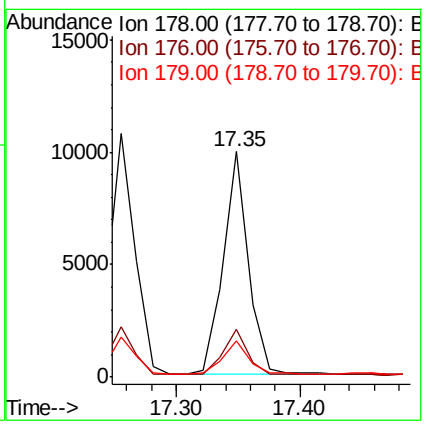


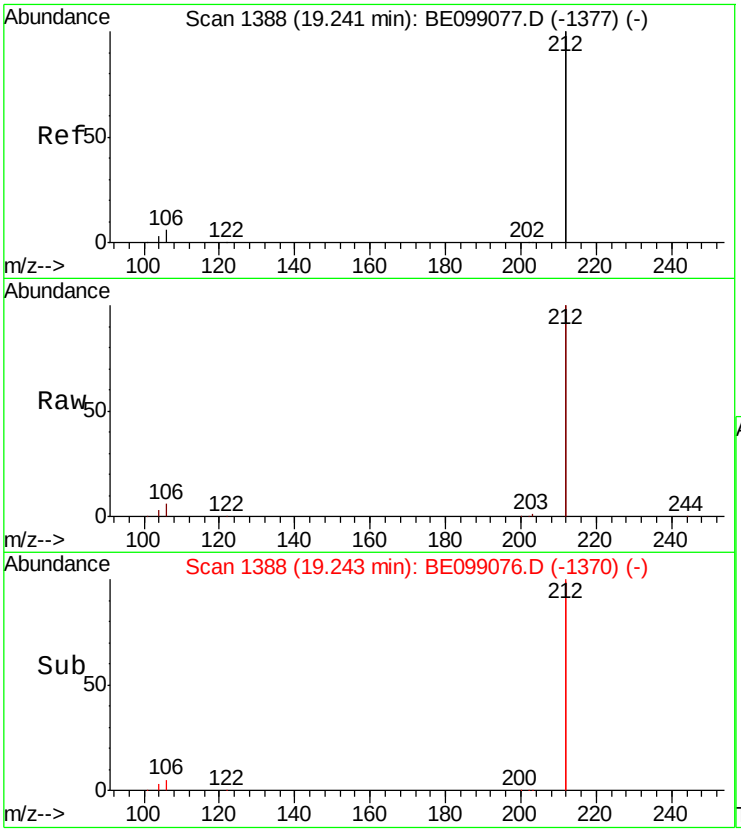


#24
Anthracene
Concen: 0.242 ng
RT: 17.35 min Scan# 1129
Delta R.T. 0.00 min
Lab File: BE099076.D
Acq: 22 Mar 2019 11:26

Tgt Ion:178 Resp: 13864

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.0	22.6
179	15.5	12.4	18.6



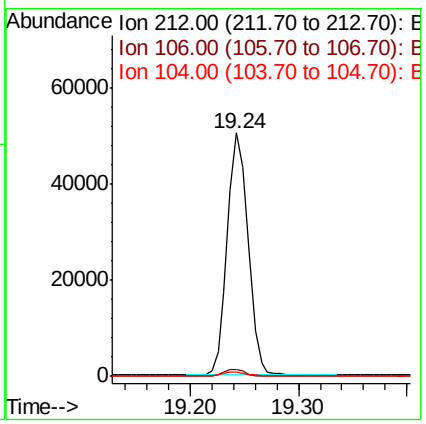


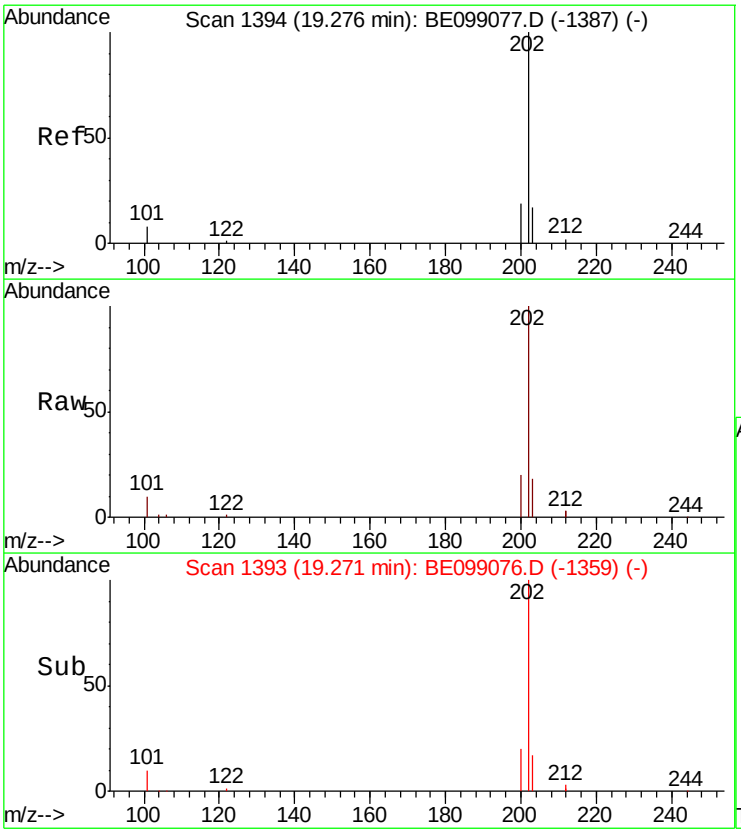
#25
Fluoranthene-d10
Concen: 0.178 ng
RT: 19.24 min Scan# 1388
Delta R.T. 0.00 min
Lab File: BE099076.D
Acq: 22 Mar 2019 11:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 67095

Ion	Ratio	Lower	Upper
212	100		
106	2.8	2.2	3.4
104	1.7	1.3	1.9

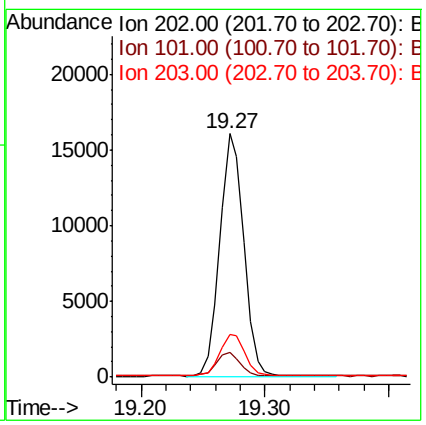


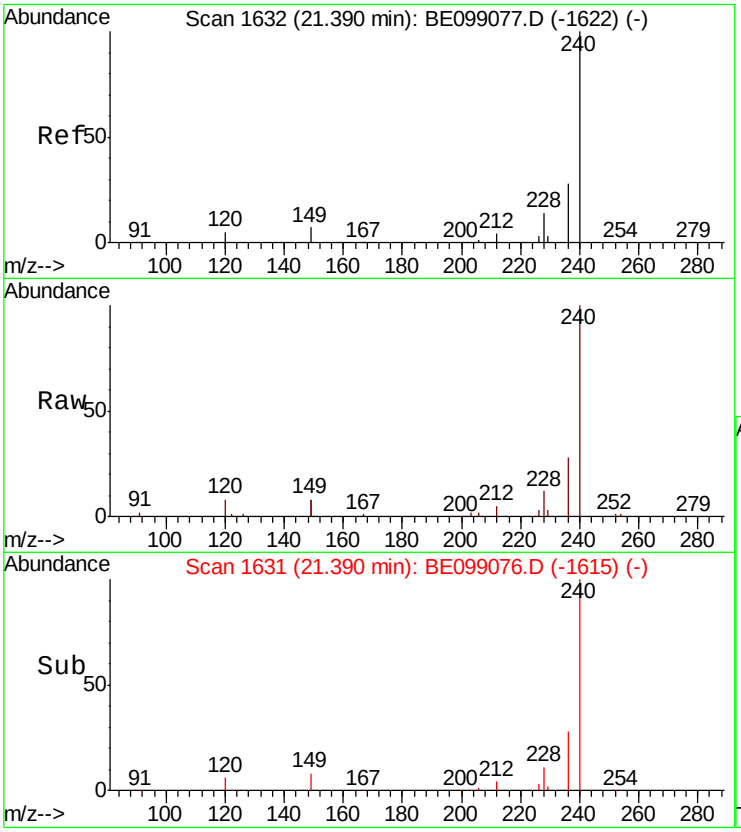


#26
Fluoranthene
Concen: 0.226 ng
RT: 19.27 min Scan# 1393
Delta R.T. -0.00 min
Lab File: BE099076.D
Acq: 22 Mar 2019 11:26

Tgt Ion:202 Resp: 21355

Ion	Ratio	Lower	Upper
202	100		
101	9.6	7.5	11.3
203	17.4	13.7	20.5



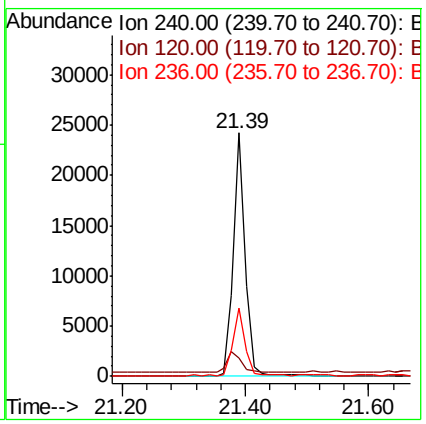


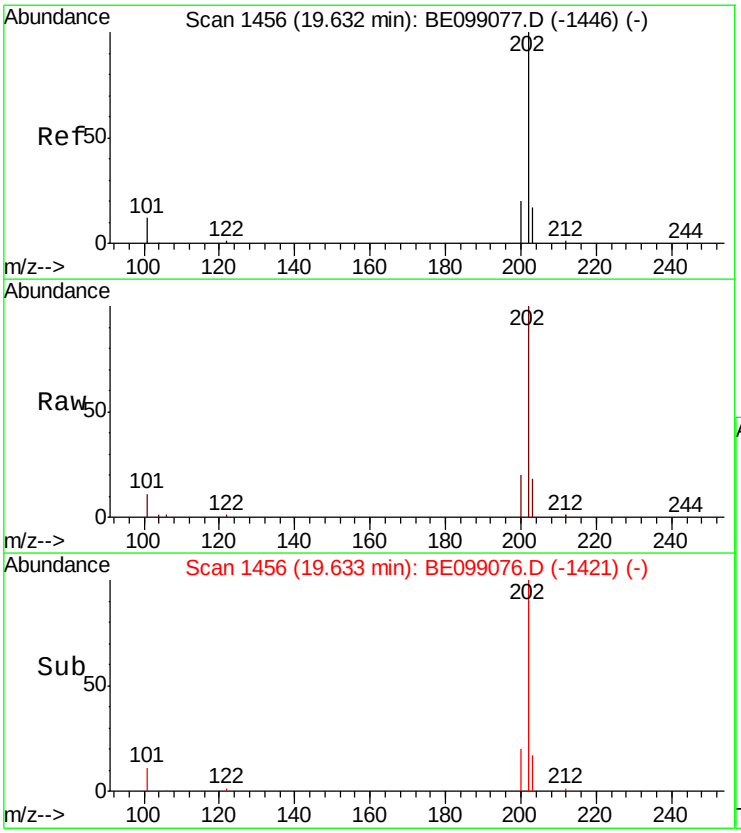
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.39 min Scan# 1631
Delta R.T. -0.00 min
Lab File: BE099076.D
Acq: 22 Mar 2019 11:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 31222

Ion	Ratio	Lower	Upper
240	100		
120	7.7	5.0	7.6#
236	28.1	22.2	33.4

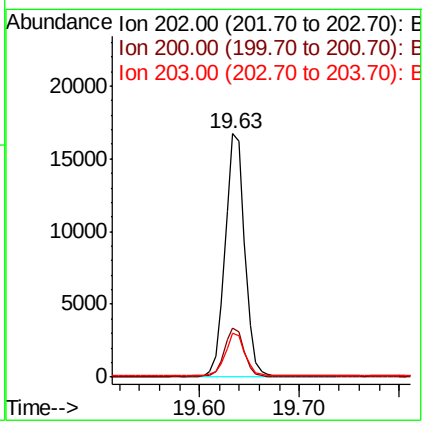


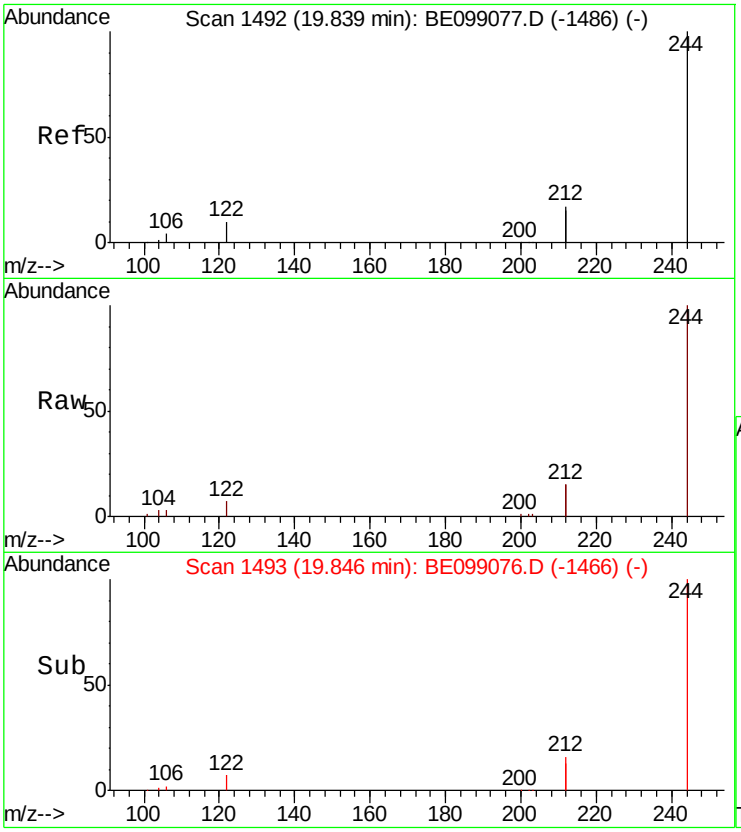


#28
Pyrene
Concen: 0.236 ng
RT: 19.63 min Scan# 1456
Delta R.T. 0.00 min
Lab File: BE099076.D
Acq: 22 Mar 2019 11:26

Tgt Ion:202 Resp: 22533

Ion	Ratio	Lower	Upper
202	100		
200	19.8	16.1	24.1
203	17.3	14.0	21.0



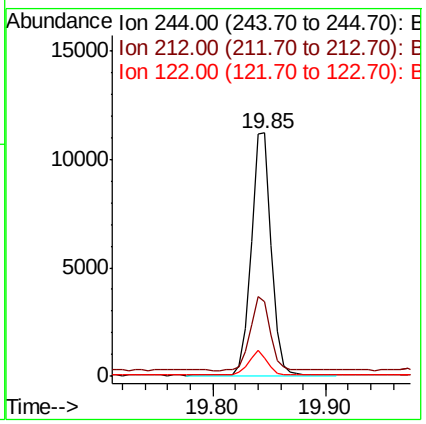


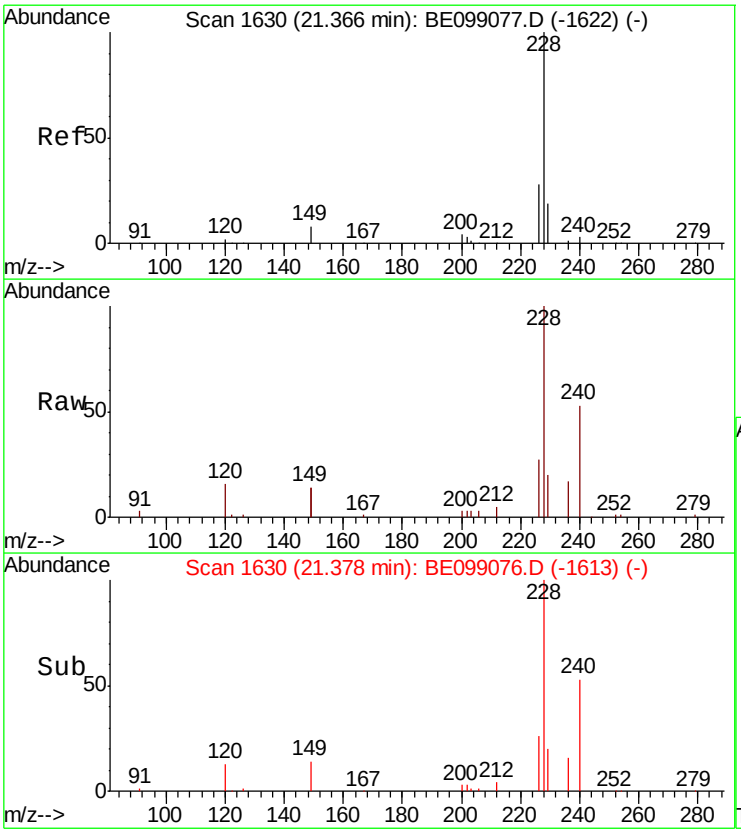
#29
Terphenyl-d14
Concen: 0.181 ng
RT: 19.85 min Scan# 1493
Delta R.T. 0.01 min
Lab File: BE099076.D
Acq: 22 Mar 2019 11:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 13754

Ion	Ratio	Lower	Upper
244	100		
212	30.9	26.9	40.3
122	7.4	7.8	11.8#

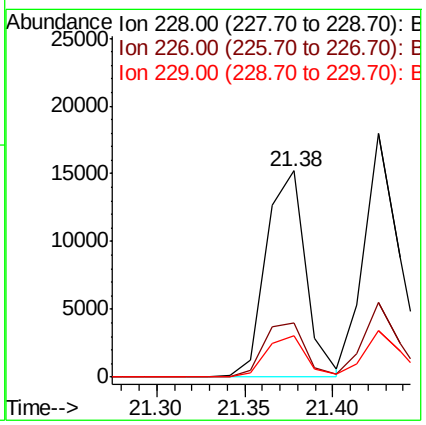


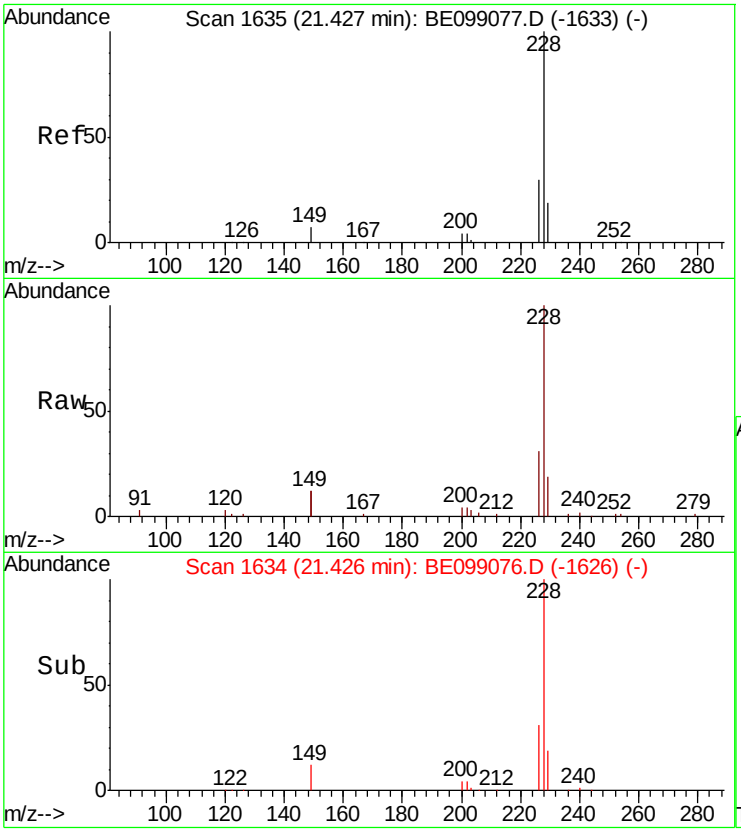


#30
Benzo(a)anthracene
Concen: 0.241 ng
RT: 21.38 min Scan# 1630
Delta R.T. 0.01 min
Lab File: BE099076.D
Acq: 22 Mar 2019 11:26

Tgt Ion:228 Resp: 23486

Ion	Ratio	Lower	Upper
228	100		
226	26.6	22.4	33.6
229	20.1	15.6	23.4



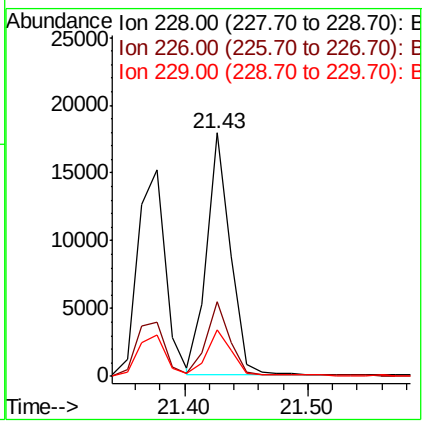


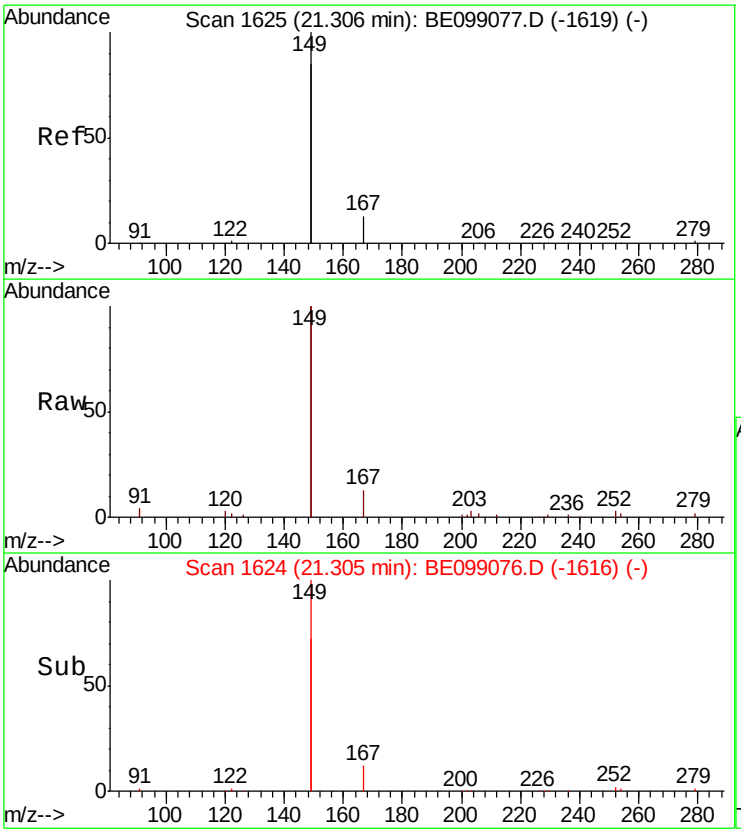
#31
Chrysene
Concen: 0.229 ng
RT: 21.43 min Scan# 1634
Delta R.T. -0.00 min
Lab File: BE099076.D
Acq: 22 Mar 2019 11:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 23893

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.3	36.5
229	19.1	15.5	23.3

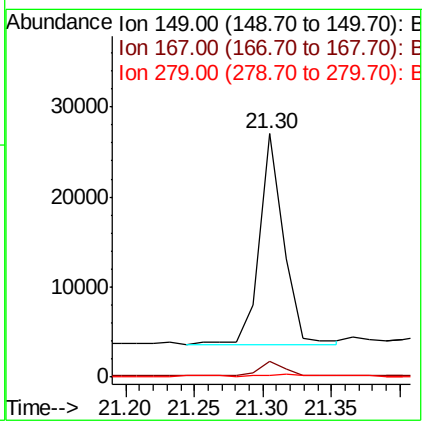


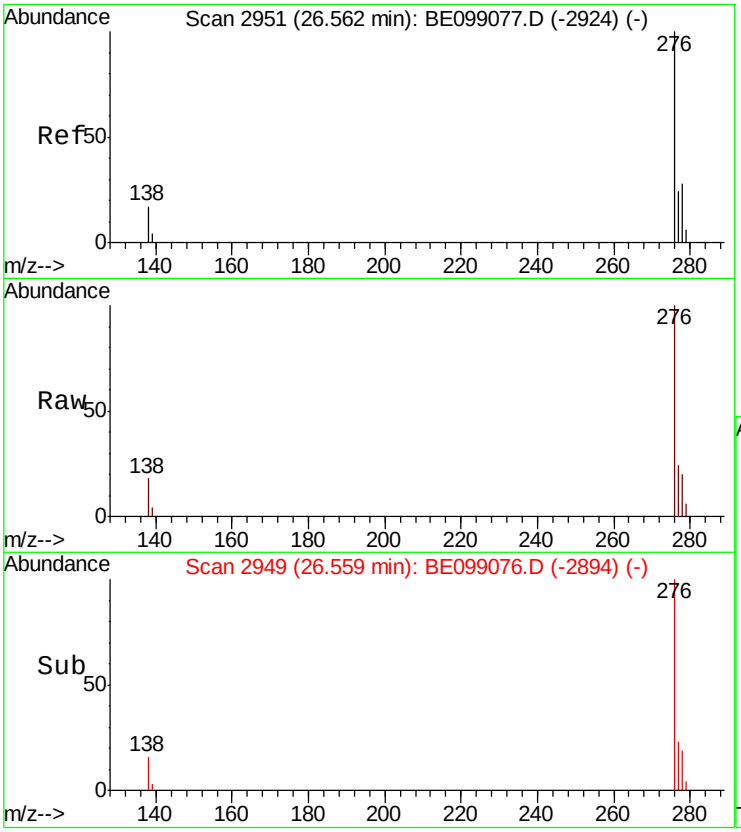


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.139 ng
RT: 21.30 min Scan# 1624
Delta R.T. -0.00 min
Lab File: BE099076.D
Acq: 22 Mar 2019 11:26

Tgt Ion:149 Resp: 28767

Ion	Ratio	Lower	Upper
149	100		
167	7.2	5.7	8.5
279	1.4	0.8	1.2#



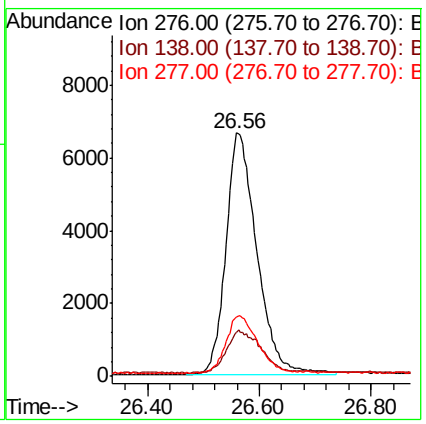


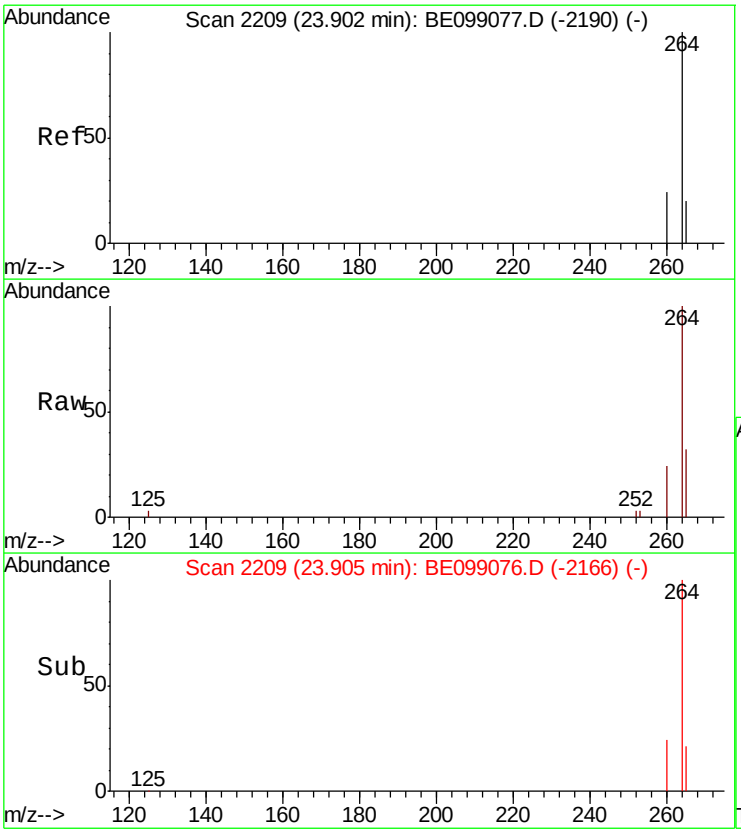
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.231 ng
RT: 26.56 min Scan# 2949
Delta R.T. -0.00 min
Lab File: BE099076.D
Acq: 22 Mar 2019 11:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 25454

Ion	Ratio	Lower	Upper
276	100		
138	19.6	15.8	23.8
277	24.8	19.4	29.2

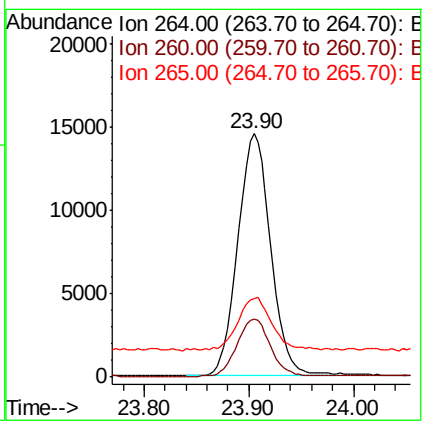


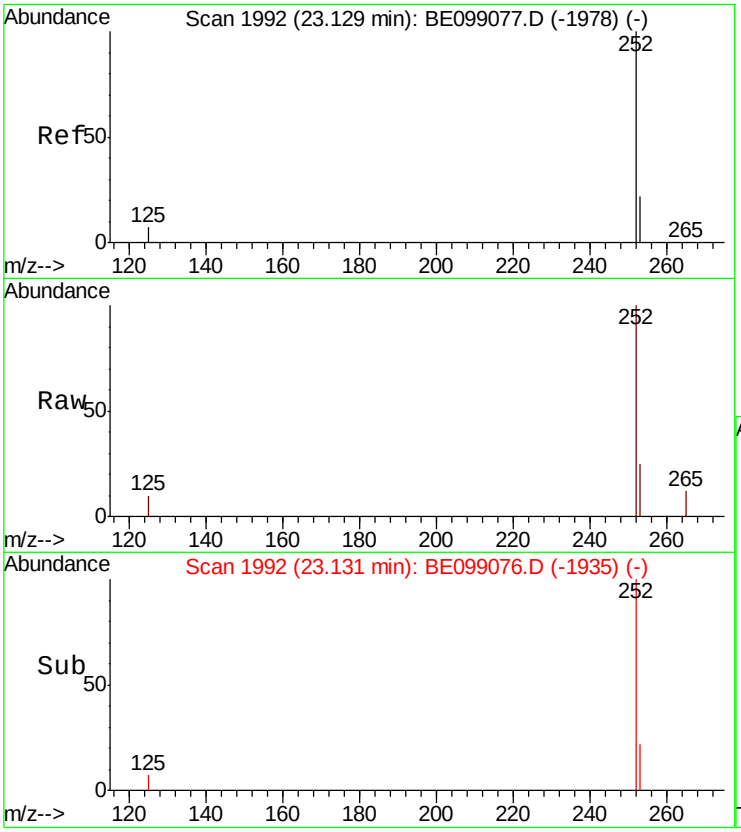


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.90 min Scan# 2209
Delta R.T. 0.00 min
Lab File: BE099076.D
Acq: 22 Mar 2019 11:26

Tgt Ion:264 Resp: 31823

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.0	28.6
265	32.1	24.1	36.1



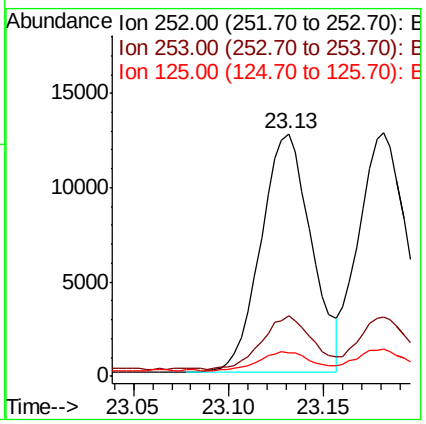


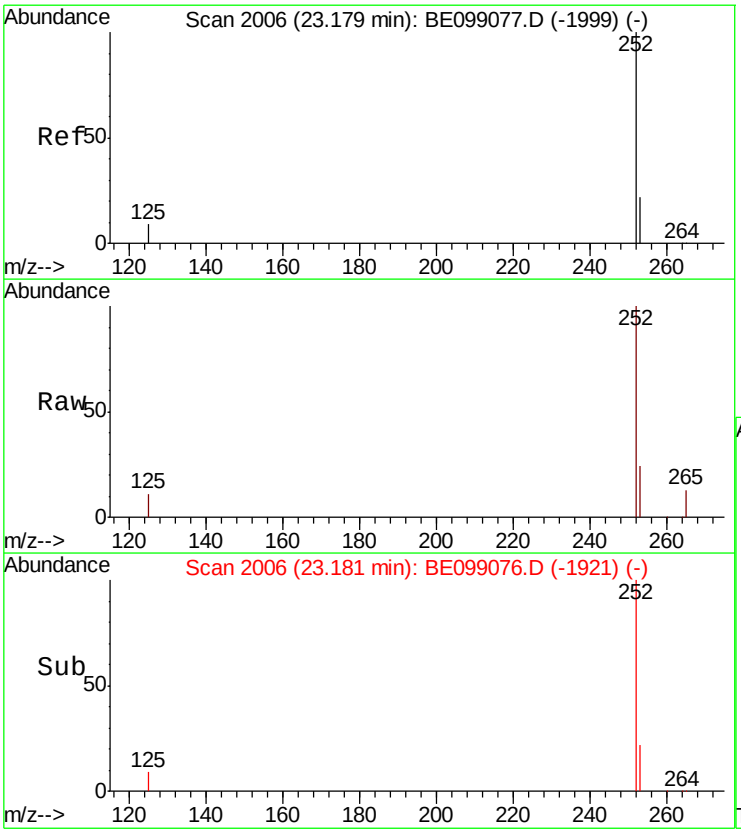
#35
Benzo(b)fluoranthene
Concen: 0.223 ng
RT: 23.13 min Scan# 1992
Delta R.T. 0.00 min
Lab File: BE099076.D
Acq: 22 Mar 2019 11:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 23352

Ion	Ratio	Lower	Upper
252	100		
253	24.9	18.4	27.6
125	9.9	7.0	10.4

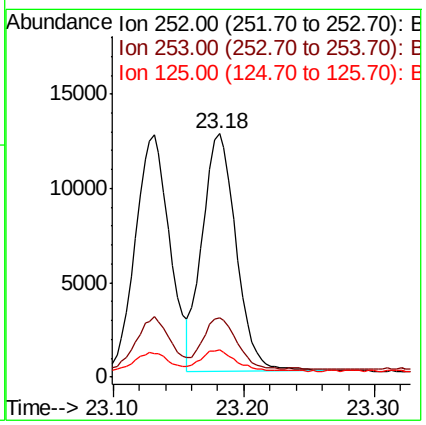


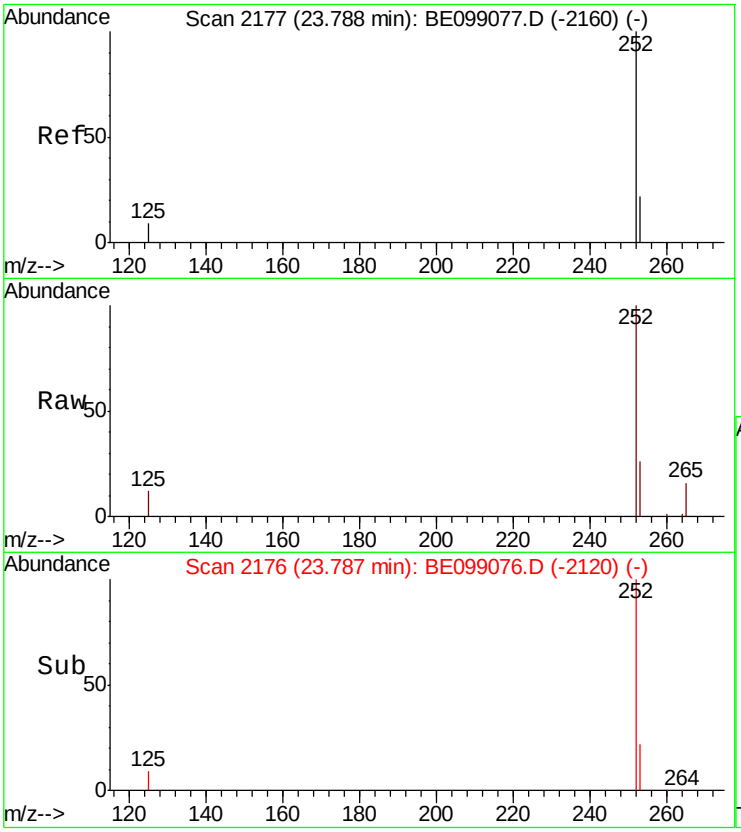


#36
Benzo(k)fluoranthene
Concen: 0.208 ng
RT: 23.18 min Scan# 2006
Delta R.T. 0.00 min
Lab File: BE099076.D
Acq: 22 Mar 2019 11:26

Tgt Ion:252 Resp: 22761

Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.6	28.0
125	11.3	7.8	11.6



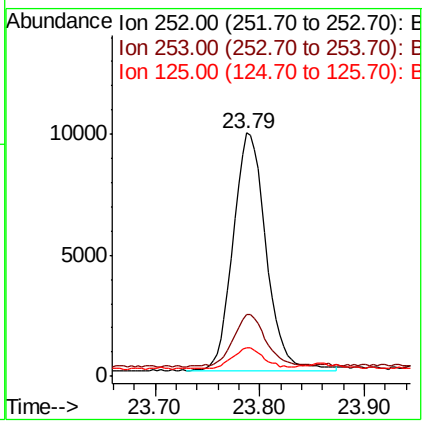


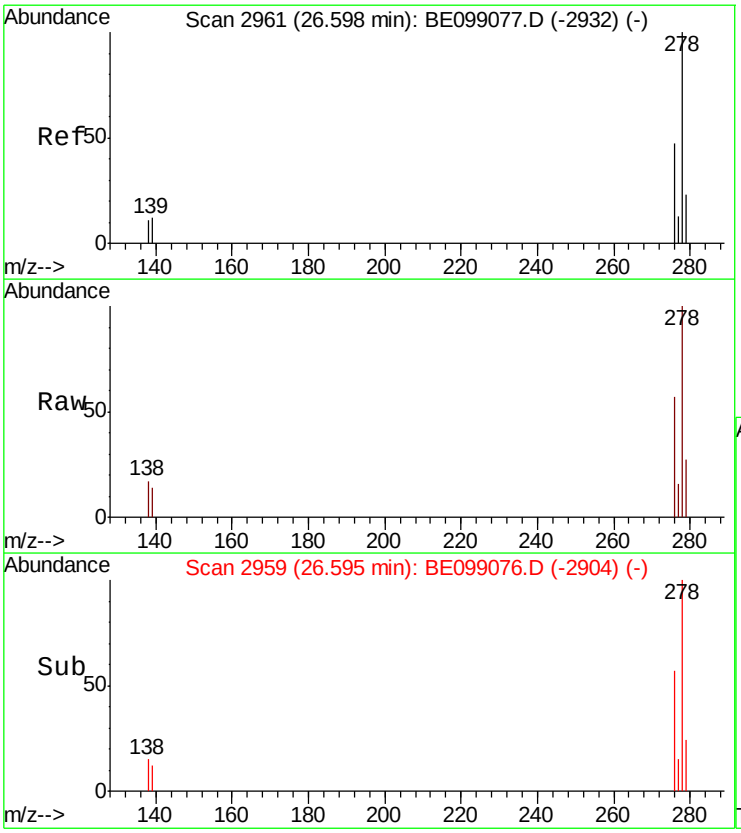
#37
Benzo(a)pyrene
Concen: 0.214 ng
RT: 23.79 min Scan# 2176
Delta R.T. -0.00 min
Lab File: BE099076.D
Acq: 22 Mar 2019 11:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 21458

Ion	Ratio	Lower	Upper
252	100		
253	25.6	19.3	28.9
125	11.9	8.3	12.5

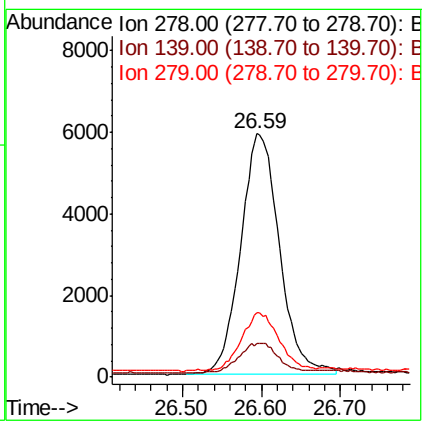


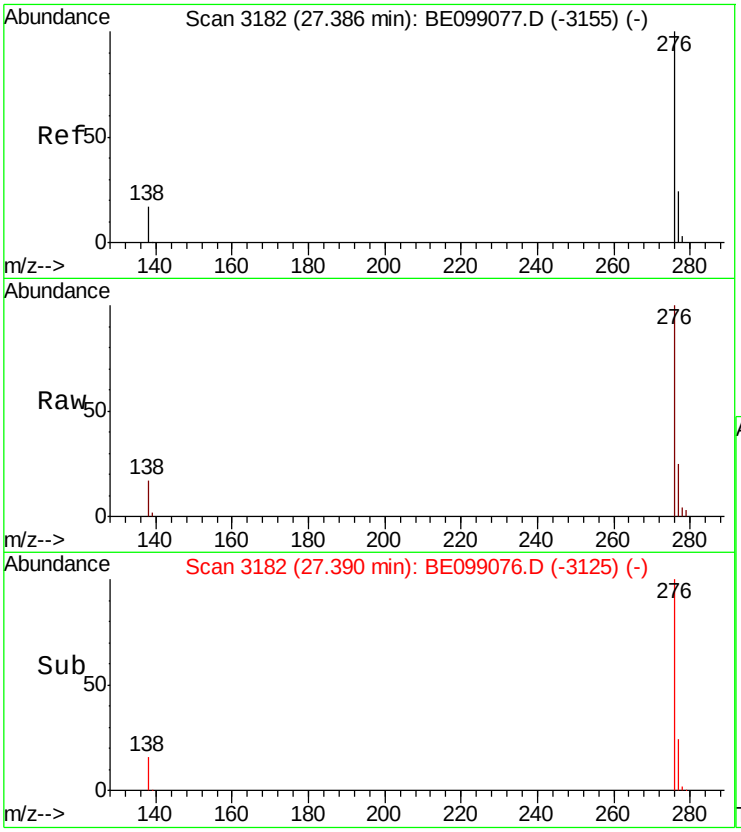


#38
Dibenzo(a,h)anthracene
Concen: 0.213 ng
RT: 26.59 min Scan# 2959
Delta R.T. -0.00 min
Lab File: BE099076.D
Acq: 22 Mar 2019 11:26

Tgt Ion:278 Resp: 20211

Ion	Ratio	Lower	Upper
278	100		
139	14.1	10.6	16.0
279	26.5	19.4	29.2





#39
Benzo(g,h,i)perylene
Concen: 0.217 ng
RT: 27.39 min Scan# 3182
Delta R.T. 0.00 min
Lab File: BE099076.D
Acq: 22 Mar 2019 11:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 21520

Ion	Ratio	Lower	Upper
276	100		
277	25.2	19.4	29.2
138	17.1	14.6	21.8