Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE042519\
Data File : BE099362.D
Acq On : 25 Apr 2019 15:38
Operator : JU/SJ
Sample : K2534-04MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Apr 26 00:42:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE041819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 19 06:51:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	3716	0.40	ng		0.00
7) Naphthalene-d8	10.60	136	14379	0.40	ng		0.00
13) Acenaphthene-d10	14.46	164	10465	0.40	ng		0.00
19) Phenanthrene-d10	17.19	188	30339	0.40	ng		0.00
27) Chrysene-d12	21.37	240	34155	0.40	ng		0.00
34) Perylene-d12	23.86	264	38765	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.40	112	3700	0.41	ng		0.01
5) Phenol-d6	6.97	99	5055	0.39	ng		0.00
8) Nitrobenzene-d5	8.97	82	4403	0.39	ng		0.00
11) 2-Methylnaphthalene-d10	12.20	152	11169	0.44	ng		0.00
14) 2,4,6-Tribromophenol	15.94	330	2110	0.61	ng		0.00
15) 2-Fluorobiphenyl	13.09	172	11905	0.29	ng		0.00
25) Fluoranthene-d10	19.22	212	120685	0.33	ng		0.00
29) Terphenyl-d14	19.82	244	20784	0.31	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.32	88	1281	0.246	ng	#	40
3) n-Nitrosodimethylamine	3.65	42	1019	0.364	ng	#	96
6) bis(2-Chloroethyl)ether	7.24	93	3932	0.325	ng		94
9) Naphthalene	10.65	128	54146	0.345	ng		100
10) Hexachlorobutadiene	10.93	225	3250	0.326	ng		97
12) 2-Methylnaphthalene	12.27	142	9488	0.355	ng		96
16) Acenaphthylene	14.18	152	17391	0.368	ng		99
17) Acenaphthene	14.51	154	9788	0.336	ng		96
18) Fluorene	15.49	166	14706	0.351	ng		99
20) 4-Bromophenyl-phenylether	16.38	248	5841	0.347	ng	#	94
21) Hexachlorobenzene	16.49	284	5481	0.339	ng		100
22) Pentachlorophenol	16.84	266	7114	1.311	ng		95
23) Phenanthrene	17.23	178	36231	0.451	ng		99
24) Anthracene	17.32	178	28388	0.397	ng		99
26) Fluoranthene	19.25	202	62702	0.583	ng		99
28) Pyrene	19.61	202	63205	0.628	ng		97
30) Benzo(a)anthracene	21.34	228	60415	0.602	ng		98
31) Chrysene	21.40	228	54087	0.506	ng		98
32) Bis(2-ethylhexyl)phthalate	21.27	149	174917	1.914	ng		100
33) Indeno(1,2,3-cd)pyrene	26.50	276	54041	0.512	ng		97
35) Benzo(b)fluoranthene	23.09	252	57199	0.482	ng	#	94
36) Benzo(k)fluoranthene	23.14	252	50024	0.423	ng	#	95
37) Benzo(a)pyrene	23.75	252	51481	0.484	ng		95
38) Dibenzo(a,h)anthracene	26.53	278	39215	0.361	ng		98
39) Benzo(g,h,i)perylene	27.32	276	45861	0.416	ng		98

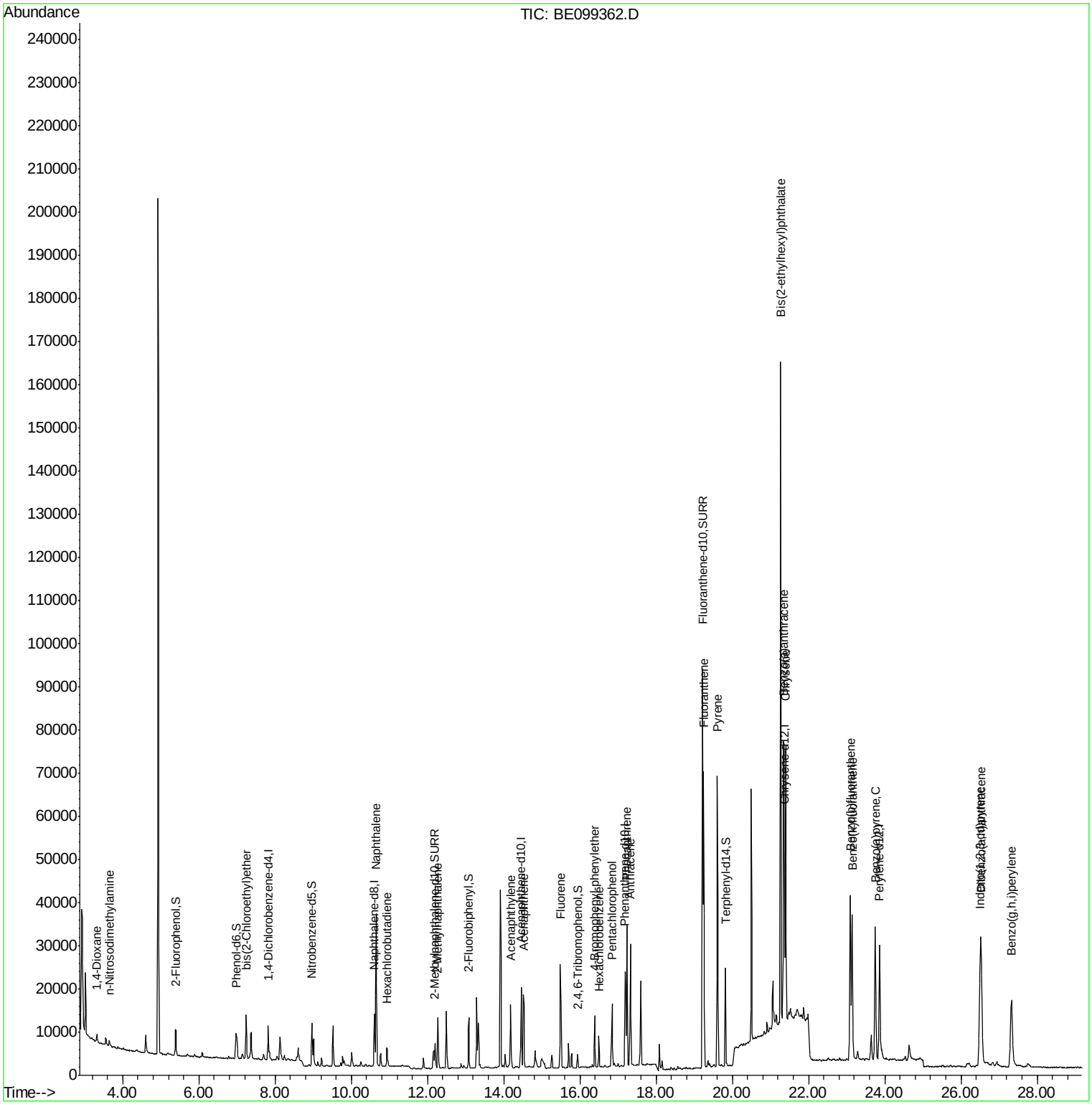
(#) = qualifier out of range (m) = manual integration (+) = signals summed

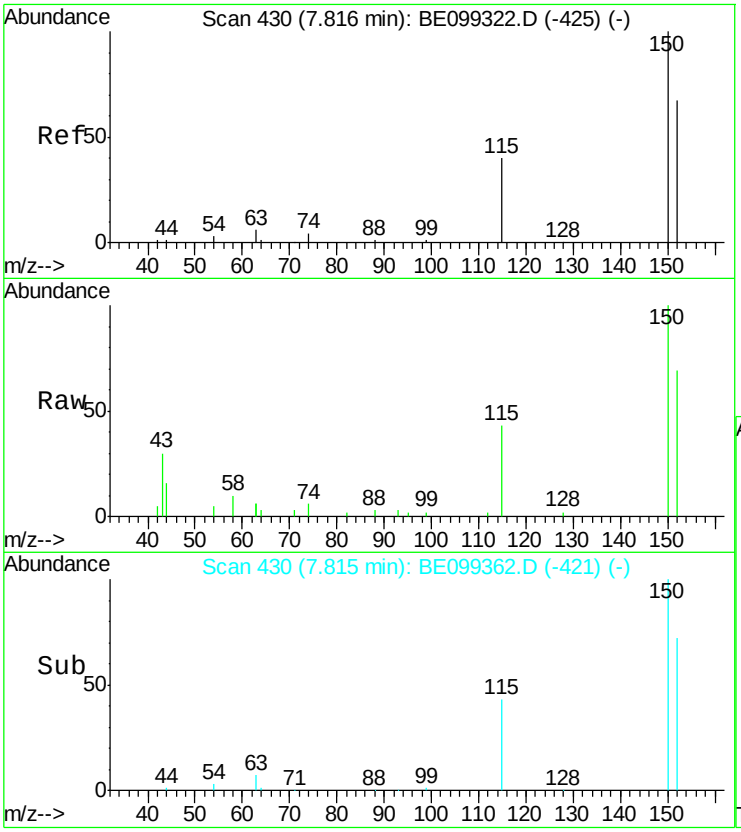
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE042519\
Data File : BE099362.D
Acq On : 25 Apr 2019 15:38
Operator : JU/SJ
Sample : K2534-04MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Apr 26 00:42:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE041819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 19 06:51:38 2019
Response via : Initial Calibration



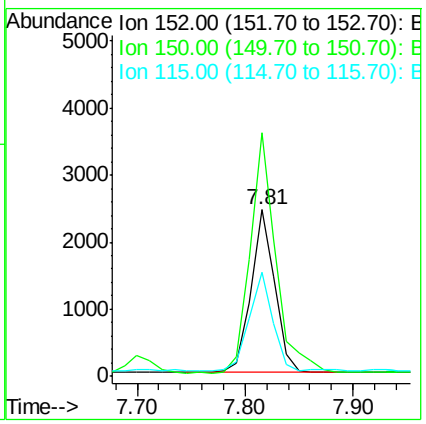


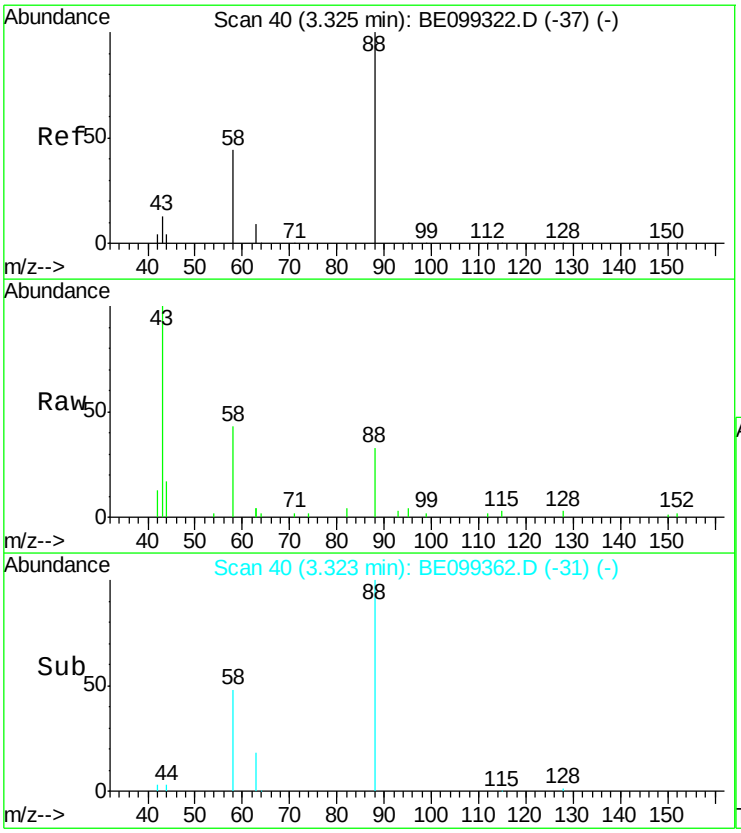
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.81 min Scan# 430
Delta R.T. -0.00 min
Lab File: BE099362.D
Acq: 25 Apr 2019 15:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 3716

Ion	Ratio	Lower	Upper
152	100		
150	146.0	119.5	179.3
115	62.4	47.5	71.3

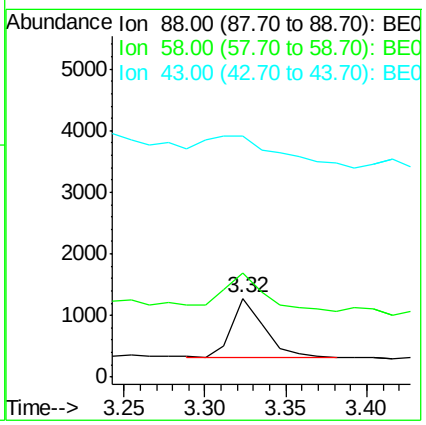


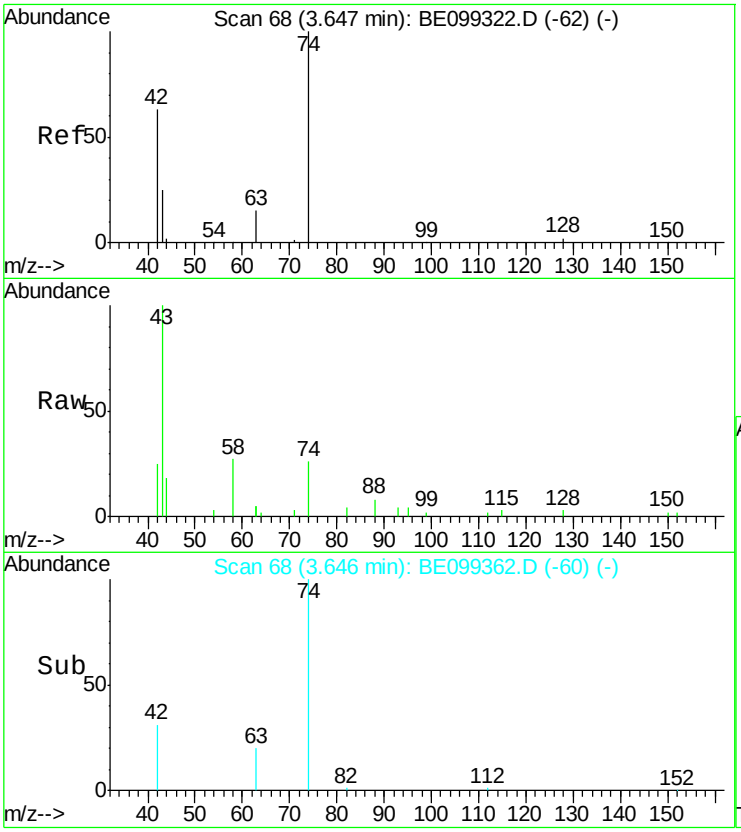


#2
1,4-Dioxane
Concen: 0.246 ng
RT: 3.32 min Scan# 40
Delta R.T. -0.00 min
Lab File: BE099362.D
Acq: 25 Apr 2019 15:38

Tgt Ion: 88 Resp: 1281

Ion	Ratio	Lower	Upper
88	100		
58	83.4	49.1	73.7#
43	93.0	17.9	26.9#



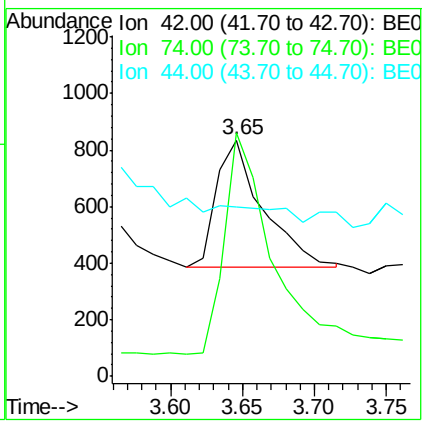


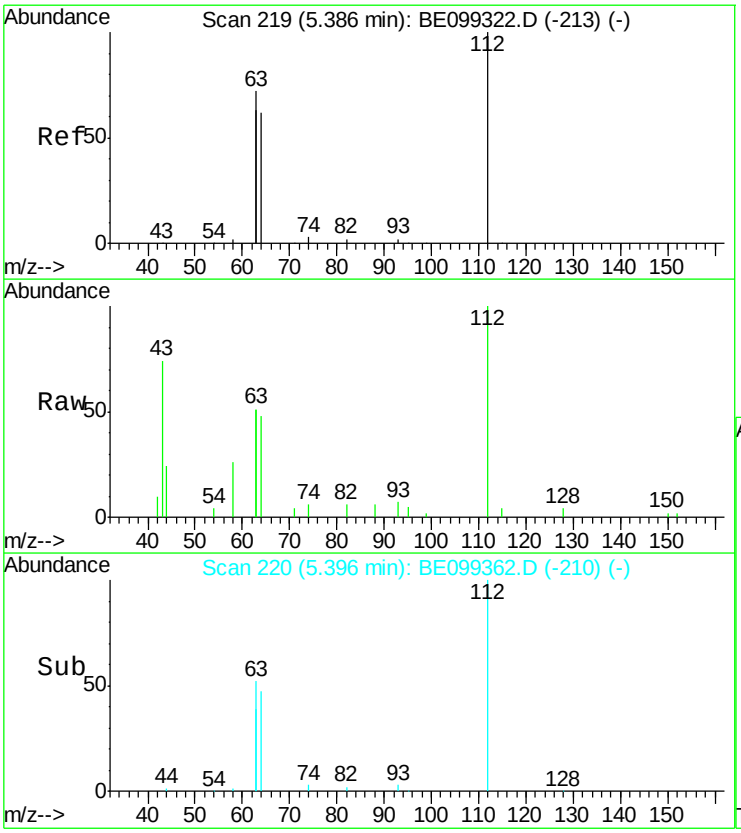
#3
n-Nitrosodimethylamine
Concen: 0.364 ng
RT: 3.65 min Scan# 68
Delta R.T. -0.01 min
Lab File: BE099362.D
Acq: 25 Apr 2019 15:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 1019

Ion	Ratio	Lower	Upper
42	100		
74	178.5	145.8	218.8
44	0.0	9.0	13.4#

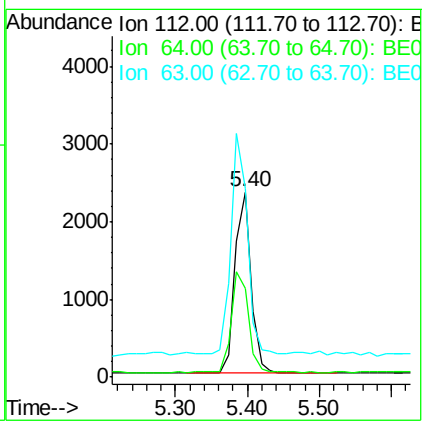


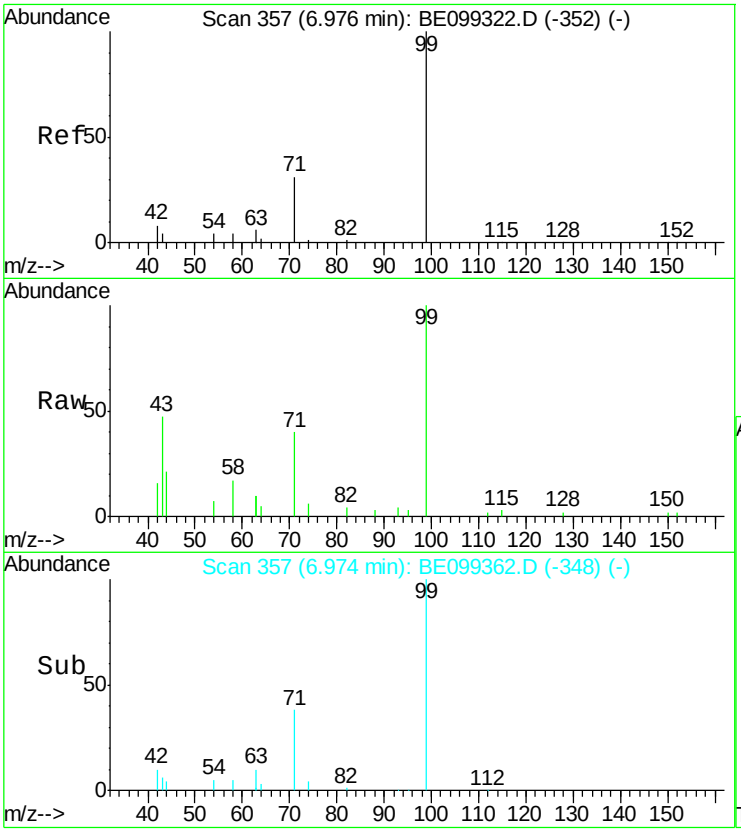


#4
2-Fluorophenol
Concen: 0.407 ng
RT: 5.40 min Scan# 220
Delta R.T. 0.01 min
Lab File: BE099362.D
Acq: 25 Apr 2019 15:38

Tgt Ion:112 Resp: 3700

Ion	Ratio	Lower	Upper
112	100		
64	57.9	44.9	67.3
63	120.1	97.4	146.0



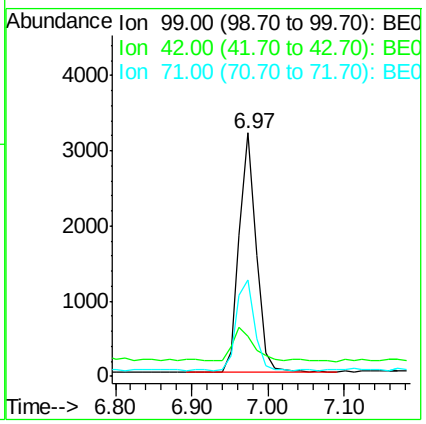


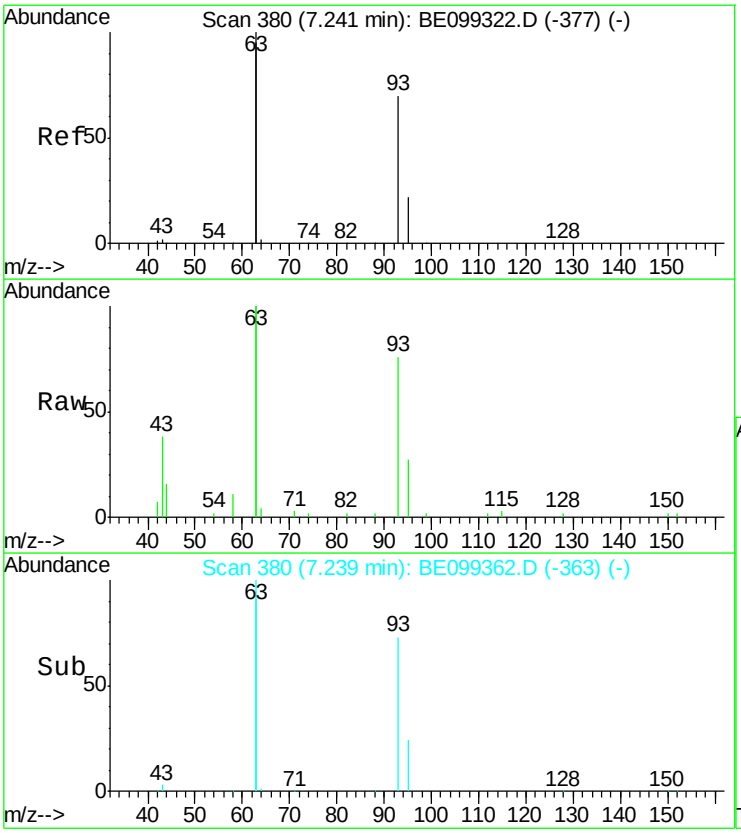
#5
Phenol-d6
Concen: 0.390 ng
RT: 6.97 min Scan# 357
Delta R.T. -0.00 min
Lab File: BE099362.D
Acq: 25 Apr 2019 15:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 5055

Ion	Ratio	Lower	Upper
99	100		
42	16.9	11.7	17.5
71	40.2	29.6	44.4

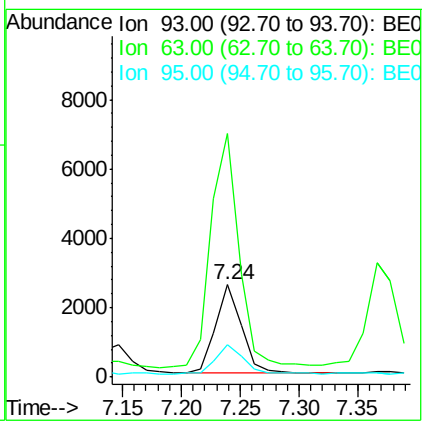


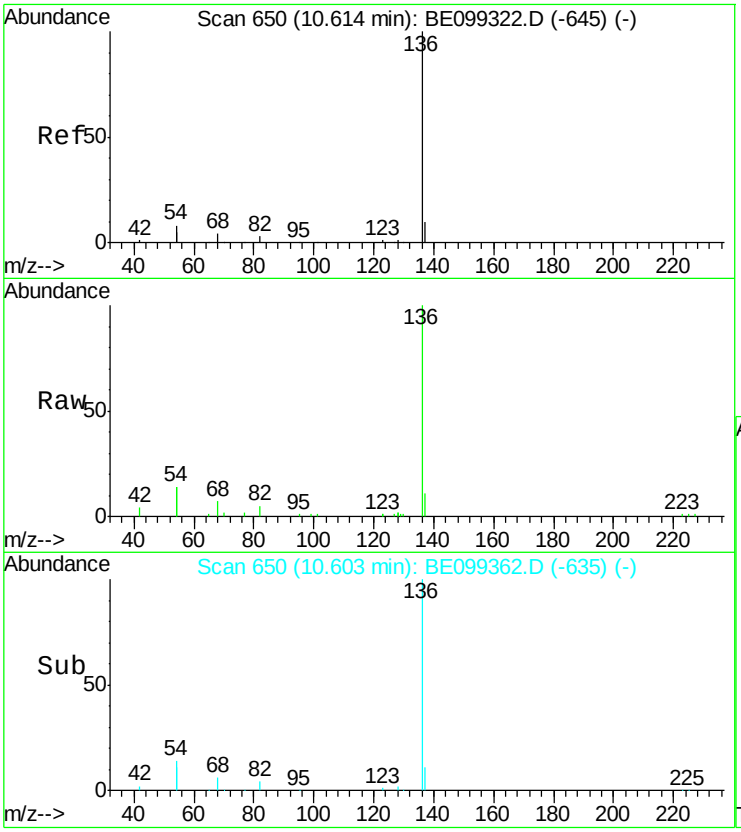


#6
bis(2-Chloroethyl)ether
Concen: 0.325 ng
RT: 7.24 min Scan# 380
Delta R.T. -0.00 min
Lab File: BE099362.D
Acq: 25 Apr 2019 15:38

Tgt Ion: 93 Resp: 3932

Ion	Ratio	Lower	Upper
93	100		
63	282.5	216.6	324.8
95	34.5	25.8	38.6



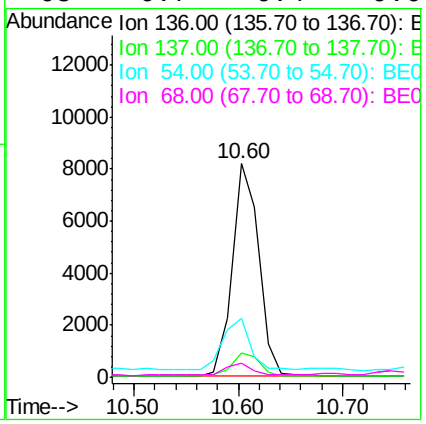


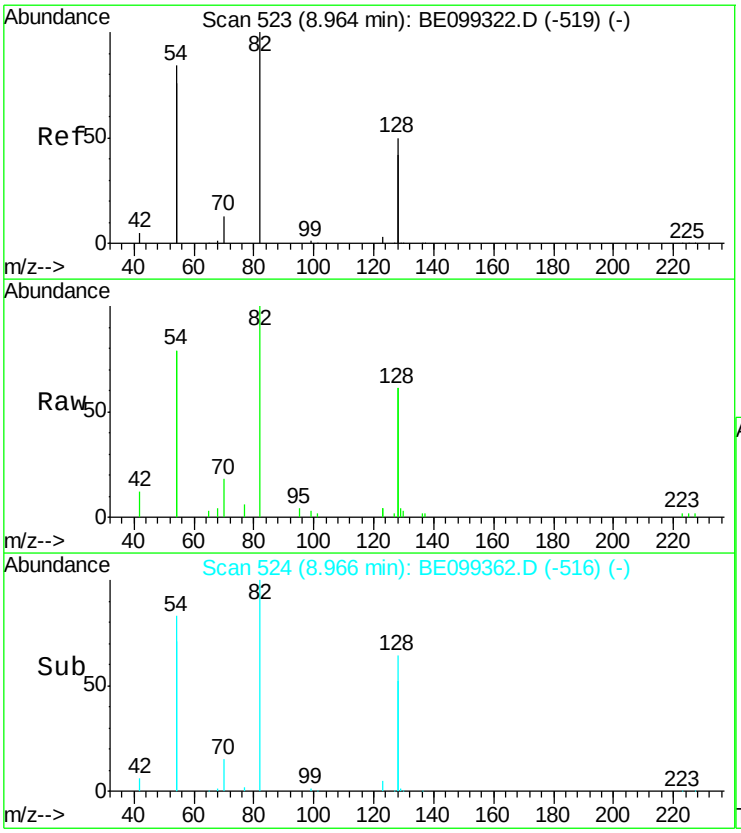
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.60 min Scan# 650
Delta R.T. 0.00 min
Lab File: BE099362.D
Acq: 25 Apr 2019 15:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 14379

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.7	13.1
54	27.8	23.8	35.8
68	6.7	6.4	9.6

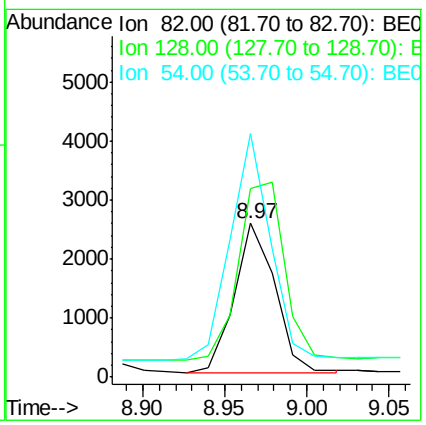


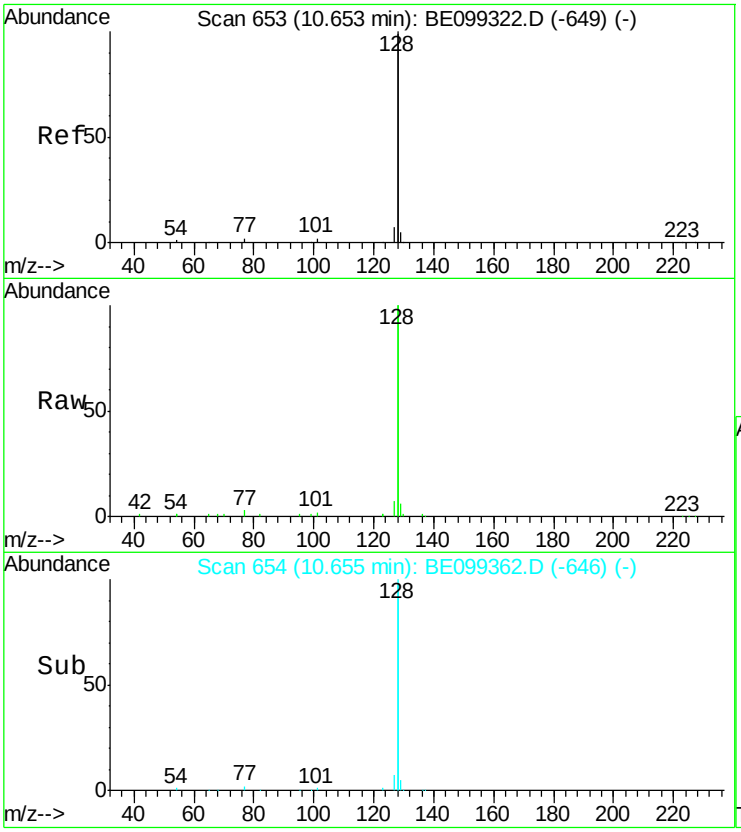


#8
Nitrobenzene-d5
Concen: 0.394 ng
RT: 8.97 min Scan# 524
Delta R.T. 0.00 min
Lab File: BE099362.D
Acq: 25 Apr 2019 15:38

Tgt Ion: 82 Resp: 4403

Ion	Ratio	Lower	Upper
82	100		
128	122.9	91.7	137.5
54	158.4	122.8	184.2



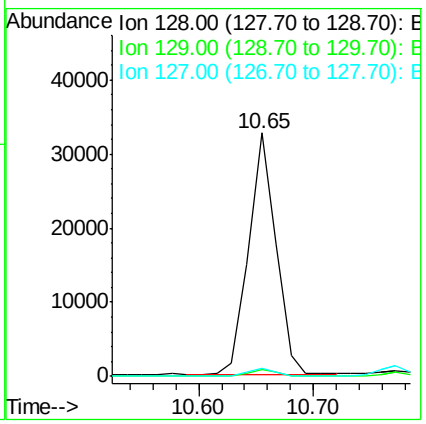


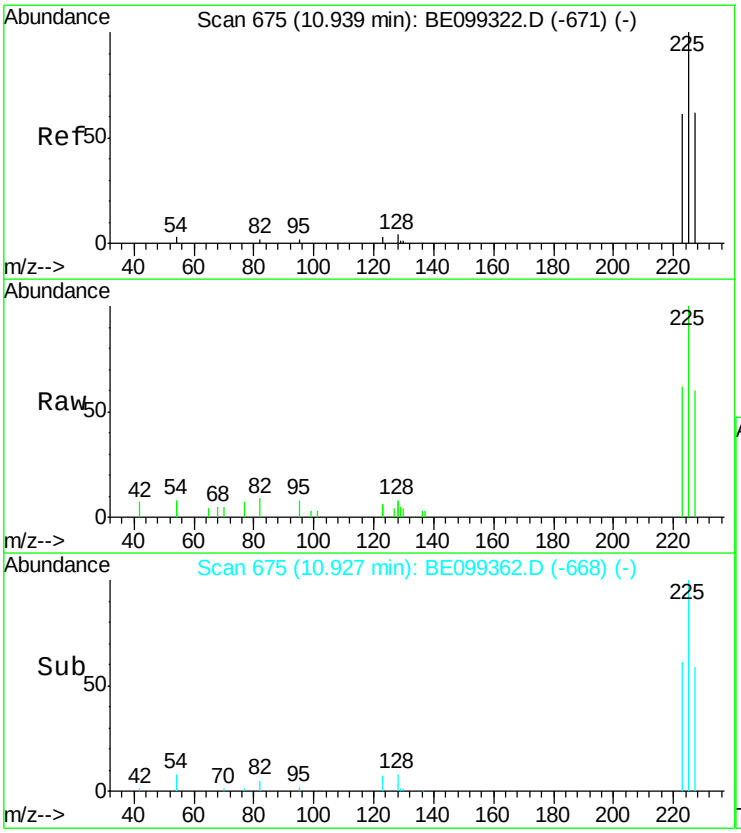
#9
Naphthalene
Concen: 0.345 ng
RT: 10.65 min Scan# 654
Delta R.T. 0.00 min
Lab File: BE099362.D
Acq: 25 Apr 2019 15:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 54146

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

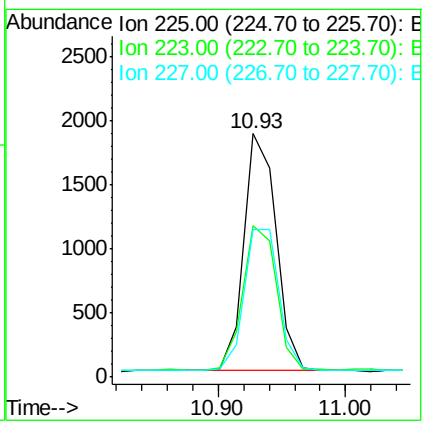


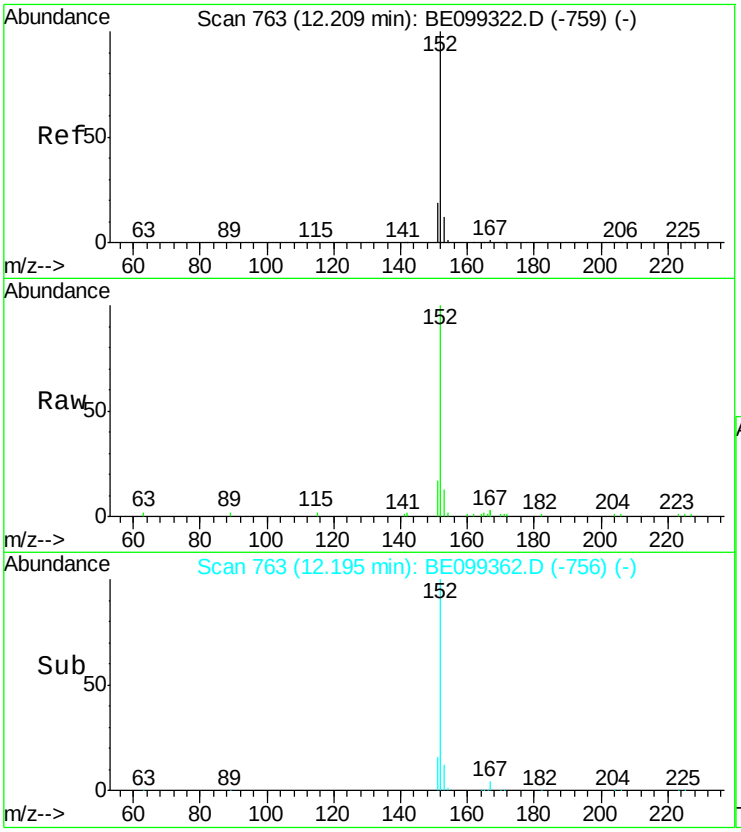


#10
Hexachlorobutadiene
Concen: 0.326 ng
RT: 10.93 min Scan# 675
Delta R.T. -0.01 min
Lab File: BE099362.D
Acq: 25 Apr 2019 15:38

Tgt Ion:225 Resp: 3250

Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.3	75.5
227	64.9	49.4	74.0



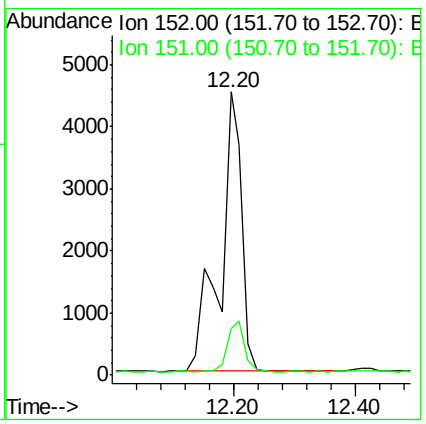


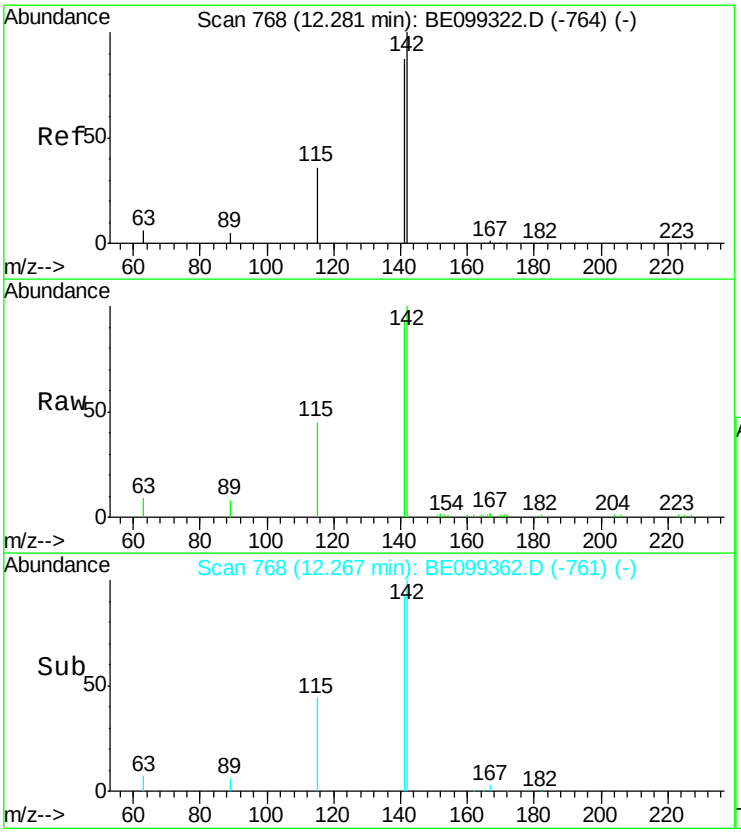
#11
2-Methylnaphthalene-d10
Concen: 0.440 ng
RT: 12.20 min Scan# 763
Delta R.T. 0.00 min
Lab File: BE099362.D
Acq: 25 Apr 2019 15:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 11169

Ion	Ratio	Lower	Upper
152	100		
151	14.8	14.9	22.3#

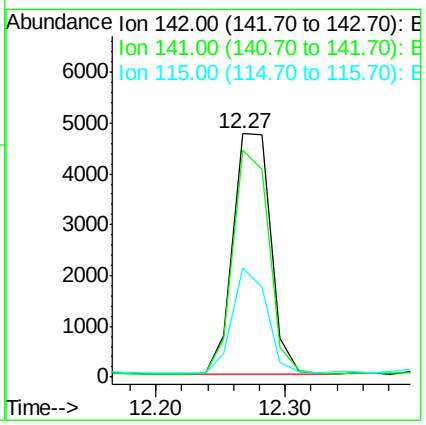


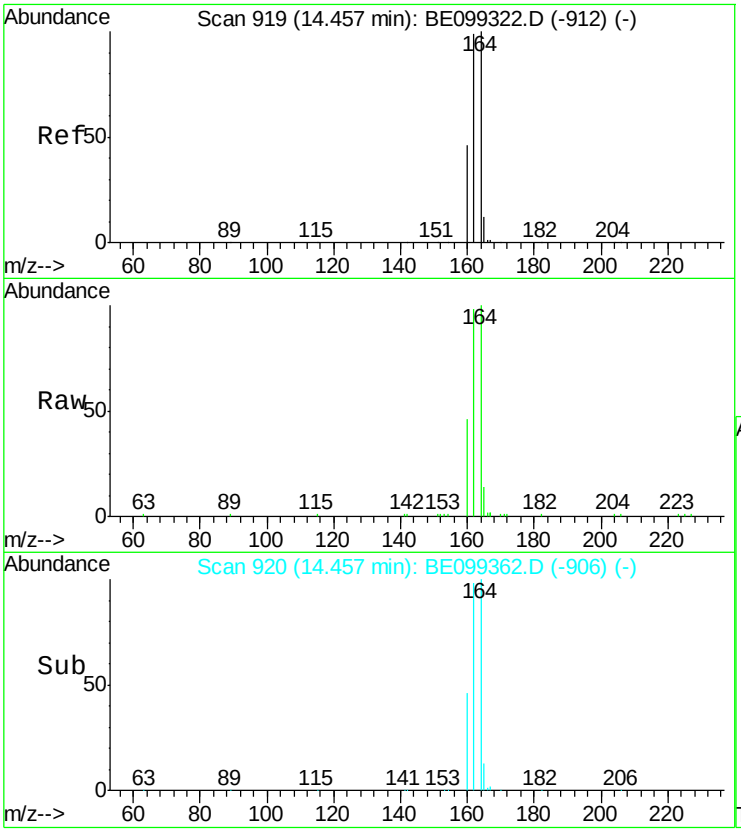


#12
2-Methylnaphthalene
Concen: 0.355 ng
RT: 12.27 min Scan# 768
Delta R.T. 0.00 min
Lab File: BE099362.D
Acq: 25 Apr 2019 15:38

Tgt Ion:142 Resp: 9488

Ion	Ratio	Lower	Upper
142	100		
141	93.2	72.0	108.0
115	45.0	33.4	50.0



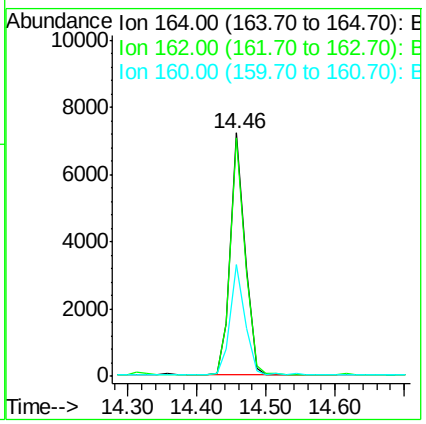


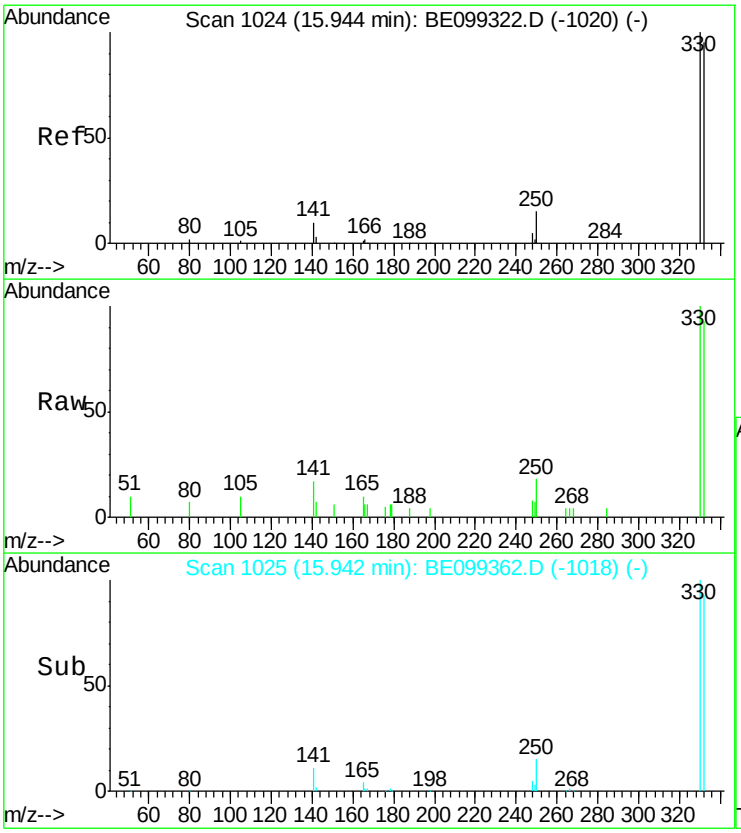
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 920
Delta R.T. 0.00 min
Lab File: BE099362.D
Acq: 25 Apr 2019 15:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 10465

Ion	Ratio	Lower	Upper
164	100		
162	97.8	77.8	116.6
160	46.1	37.1	55.7

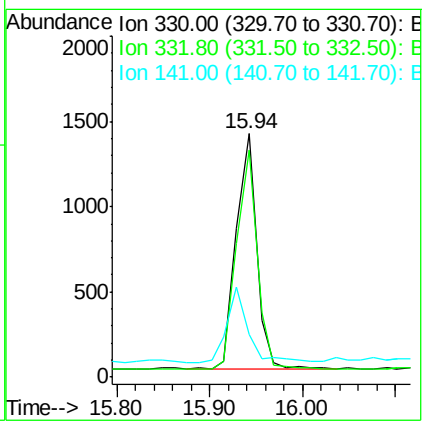


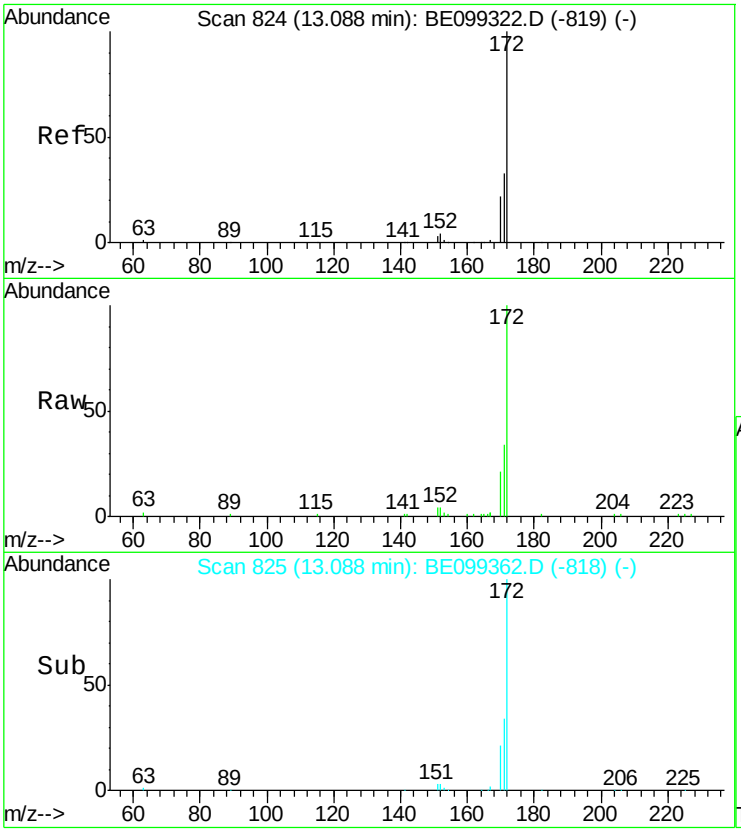


#14
2,4,6-Tribromophenol
Concen: 0.607 ng
RT: 15.94 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BE099362.D
Acq: 25 Apr 2019 15:38

Tgt Ion:330 Resp: 2110

Ion	Ratio	Lower	Upper
330	100		
332	93.9	82.5	123.7
141	33.7	24.9	37.3



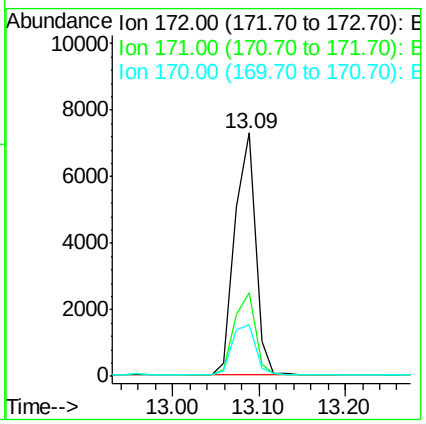


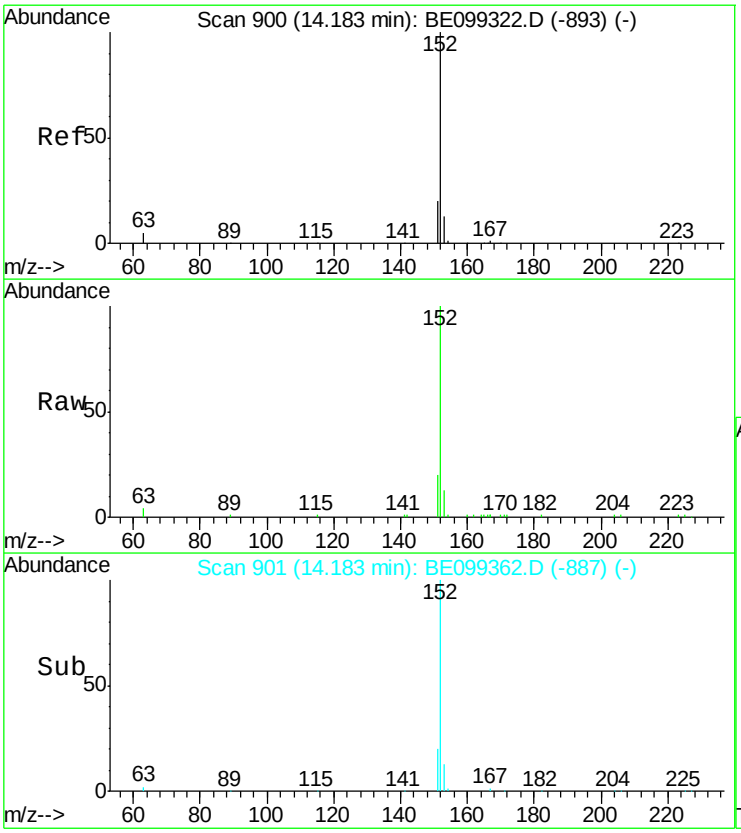
#15
2-Fluorobiphenyl
Concen: 0.289 ng
RT: 13.09 min Scan# 825
Delta R.T. 0.00 min
Lab File: BE099362.D
Acq: 25 Apr 2019 15:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 11905

Ion	Ratio	Lower	Upper
172	100		
171	34.4	26.2	39.2
170	21.2	18.1	27.1

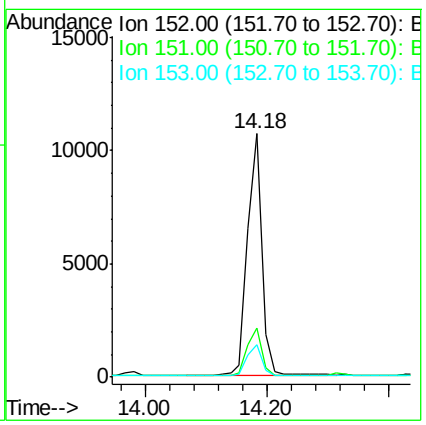


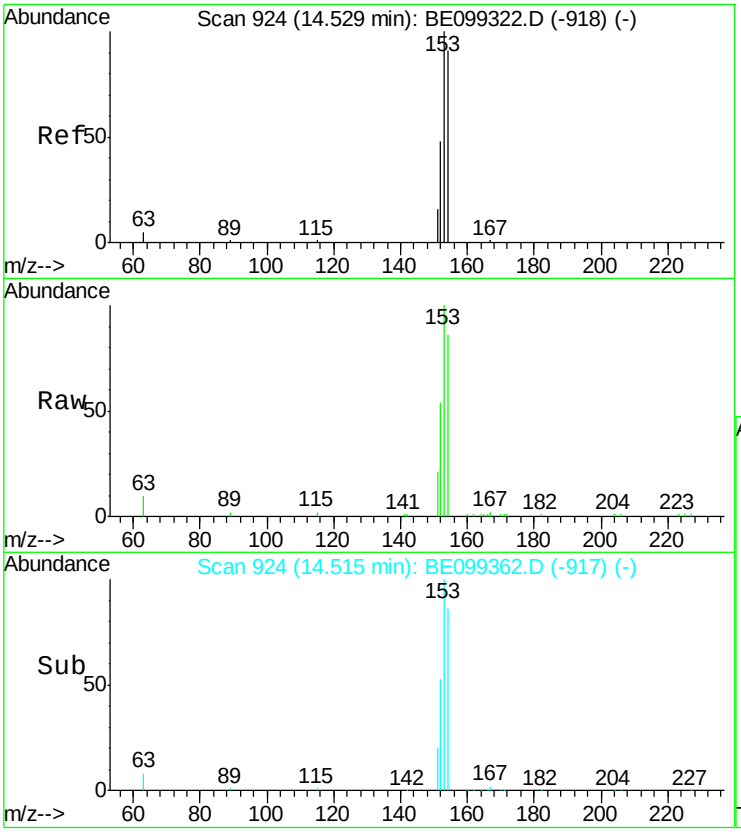


#16
Acenaphthylene
Concen: 0.368 ng
RT: 14.18 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE099362.D
Acq: 25 Apr 2019 15:38

Tgt Ion:152 Resp: 17391

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.5	23.3
153	13.5	10.2	15.4



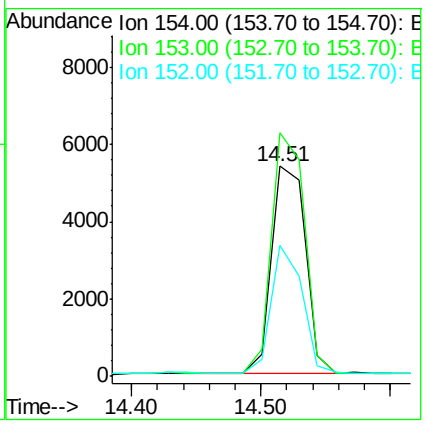


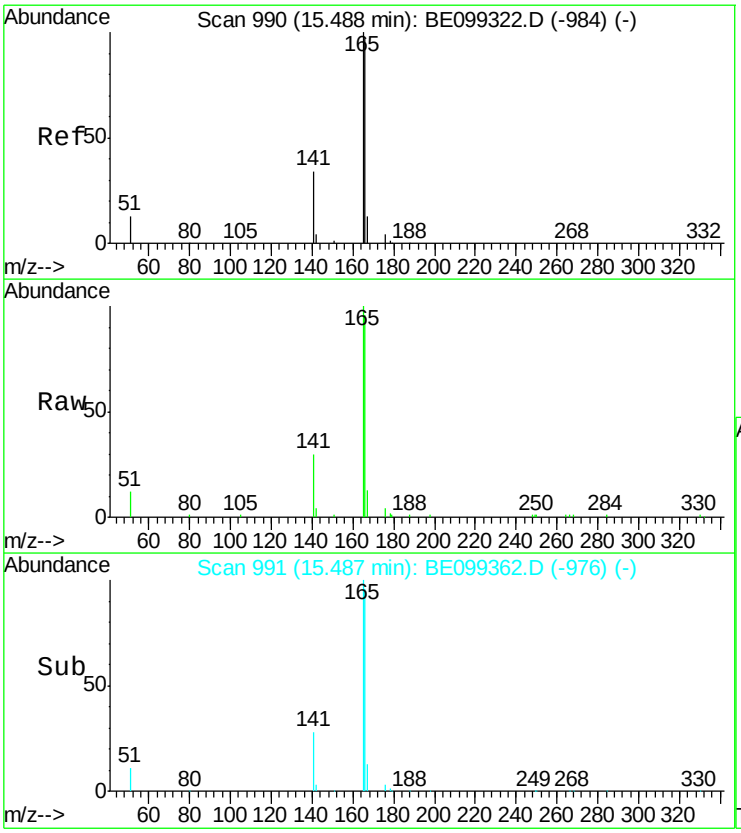
#17
Acenaphthene
Concen: 0.336 ng
RT: 14.51 min Scan# 924
Delta R.T. 0.00 min
Lab File: BE099362.D
Acq: 25 Apr 2019 15:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 9788

Ion	Ratio	Lower	Upper
154	100		
153	113.7	94.7	142.1
152	56.2	46.4	69.6

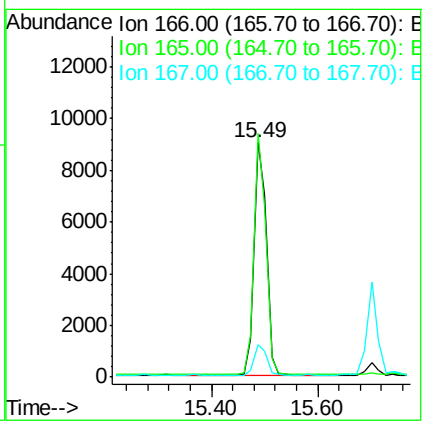


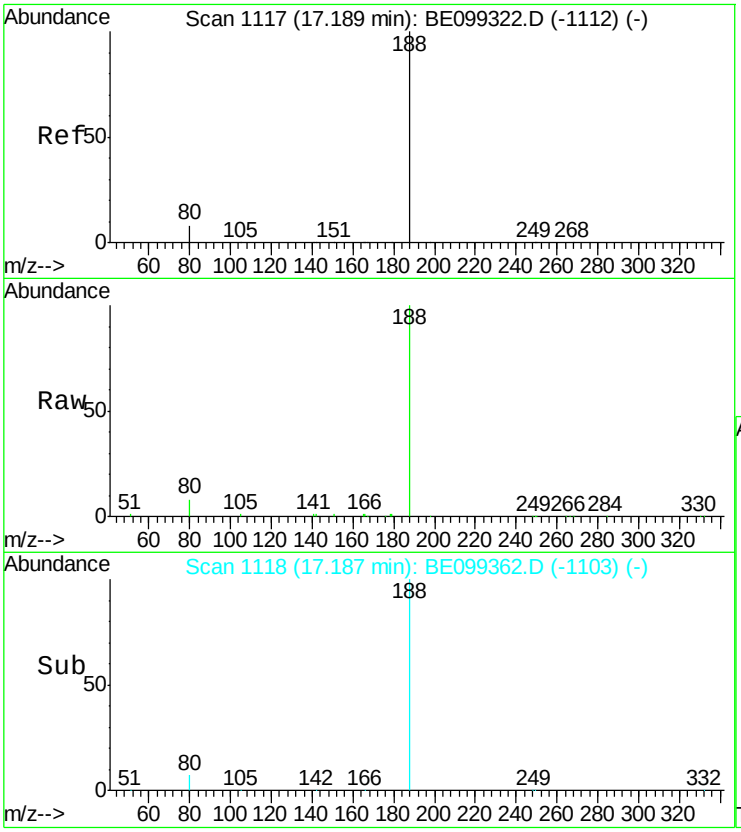


#18
Fluorene
Concen: 0.351 ng
RT: 15.49 min Scan# 991
Delta R.T. -0.00 min
Lab File: BE099362.D
Acq: 25 Apr 2019 15:38

Tgt Ion:166 Resp: 14706

Ion	Ratio	Lower	Upper
166	100		
165	98.5	79.7	119.5
167	13.7	11.0	16.4



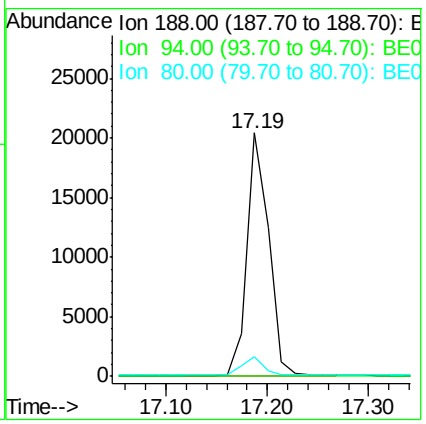


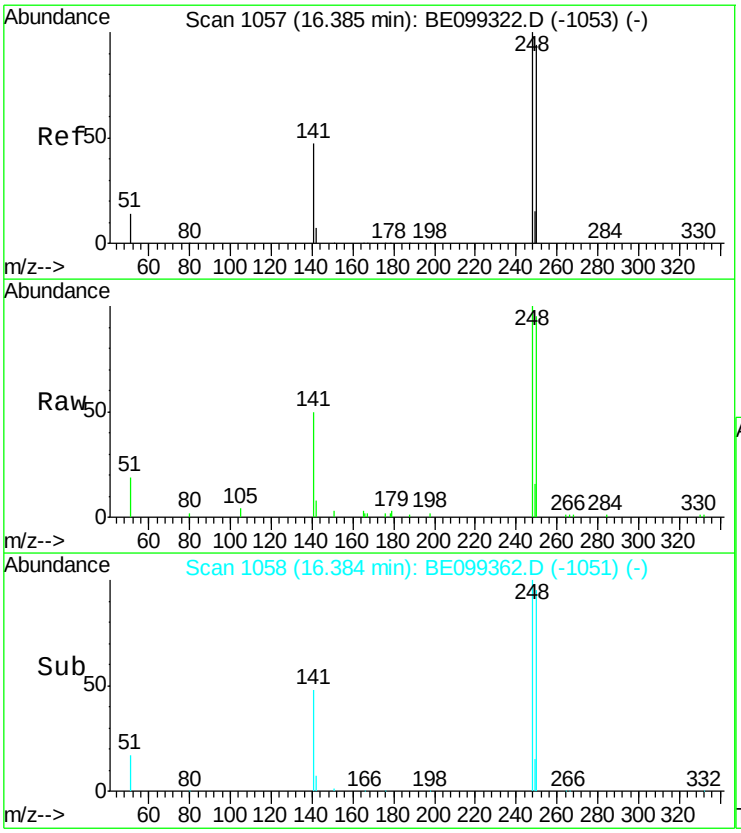
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.19 min Scan# 1118
Delta R.T. -0.00 min
Lab File: BE099362.D
Acq: 25 Apr 2019 15:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 30339

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.0	6.2	9.4

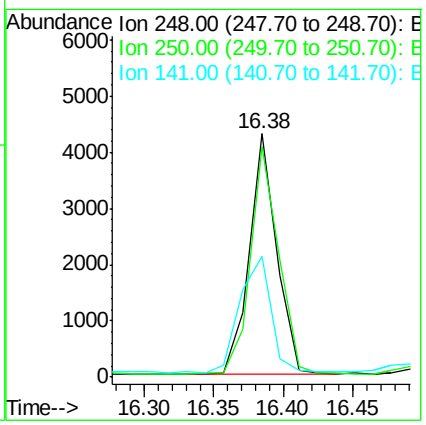


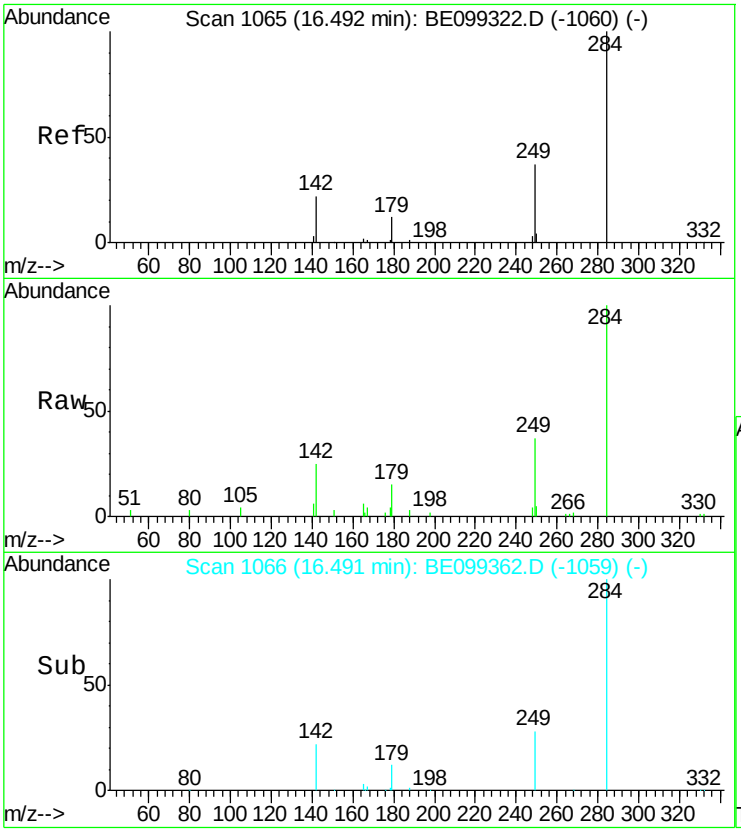


#20
4-Bromophenyl-phenylether
Concen: 0.347 ng
RT: 16.38 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BE099362.D
Acq: 25 Apr 2019 15:38

Tgt Ion:248 Resp: 5841

Ion	Ratio	Lower	Upper
248	100		
250	94.9	77.0	115.6
141	49.7	31.1	46.7#



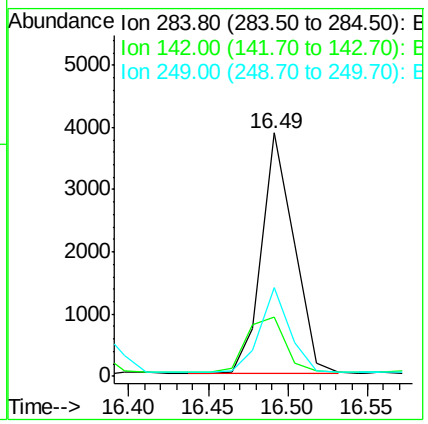


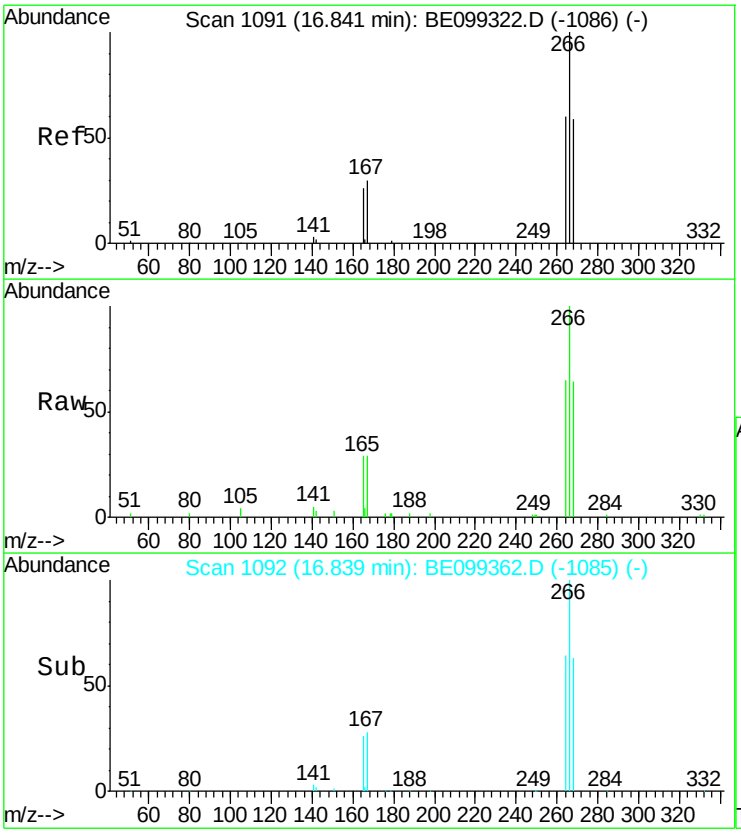
#21
Hexachlorobenzene
Concen: 0.339 ng
RT: 16.49 min Scan# 1066
Delta R.T. -0.00 min
Lab File: BE099362.D
Acq: 25 Apr 2019 15:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 5481

Ion	Ratio	Lower	Upper
284	100		
142	27.6	21.8	32.6
249	32.9	26.2	39.4

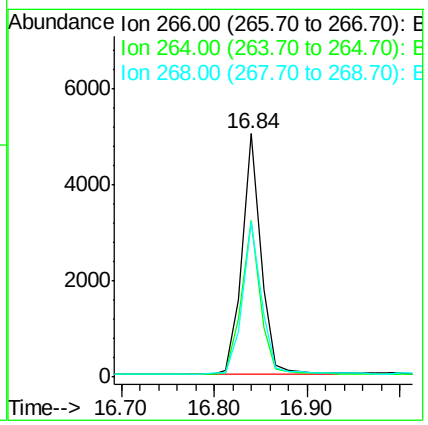


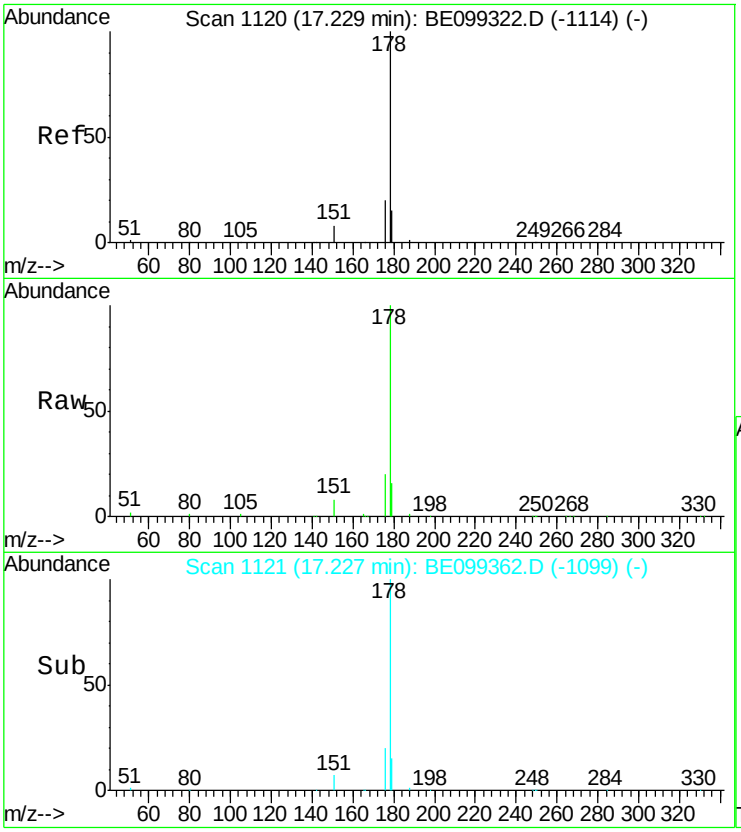


#22
Pentachlorophenol
Concen: 1.311 ng
RT: 16.84 min Scan# 1092
Delta R.T. -0.00 min
Lab File: BE099362.D
Acq: 25 Apr 2019 15:38

Tgt Ion:266 Resp: 7114

Ion	Ratio	Lower	Upper
266	100		
264	64.5	54.5	81.7
268	63.7	54.3	81.5



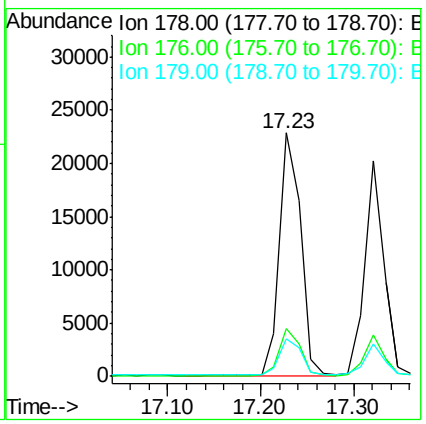


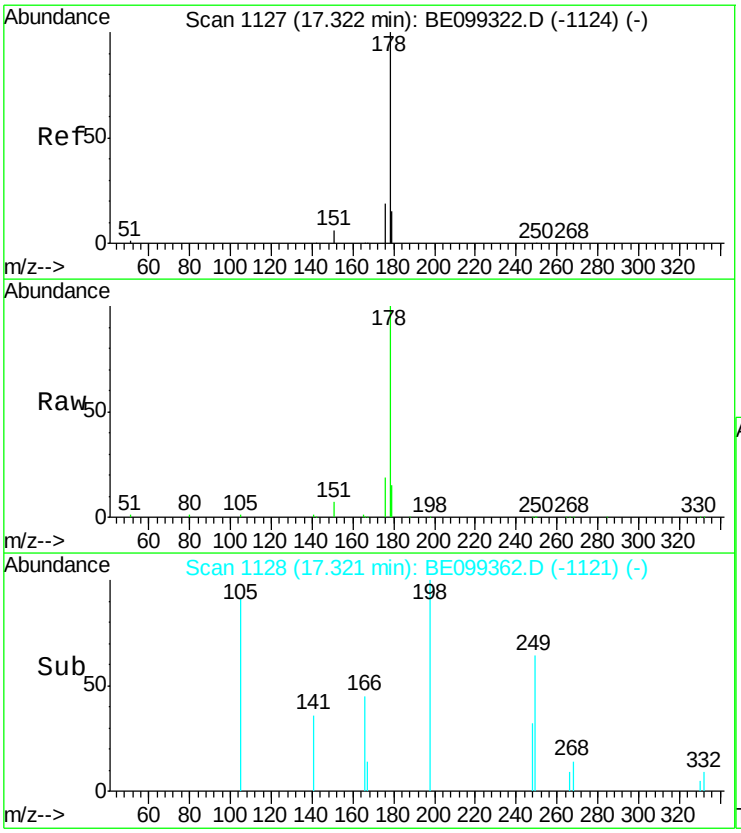
#23
Phenanthrene
Concen: 0.451 ng
RT: 17.23 min Scan# 1121
Delta R.T. -0.00 min
Lab File: BE099362.D
Acq: 25 Apr 2019 15:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 36231

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.3	22.9
179	16.0	12.4	18.6

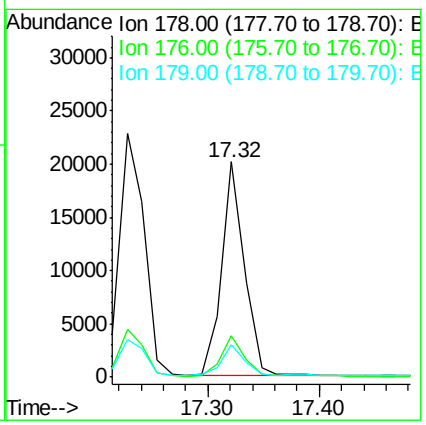


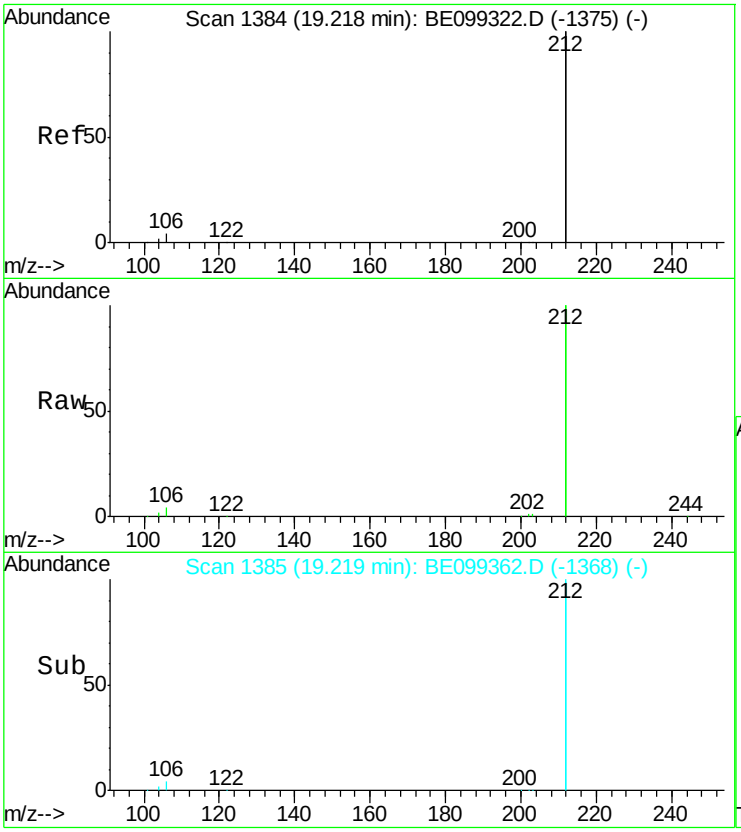


#24
Anthracene
Concen: 0.397 ng
RT: 17.32 min Scan# 1128
Delta R.T. -0.00 min
Lab File: BE099362.D
Acq: 25 Apr 2019 15:38

Tgt Ion:178 Resp: 28388

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.1	22.7
179	14.3	11.9	17.9



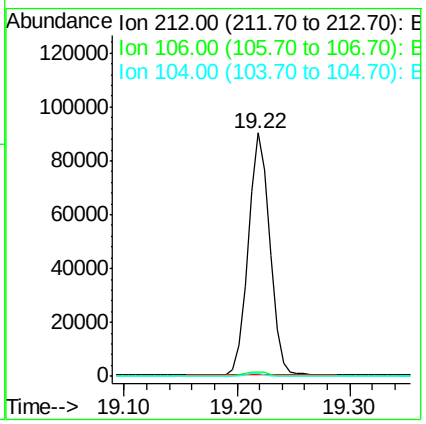


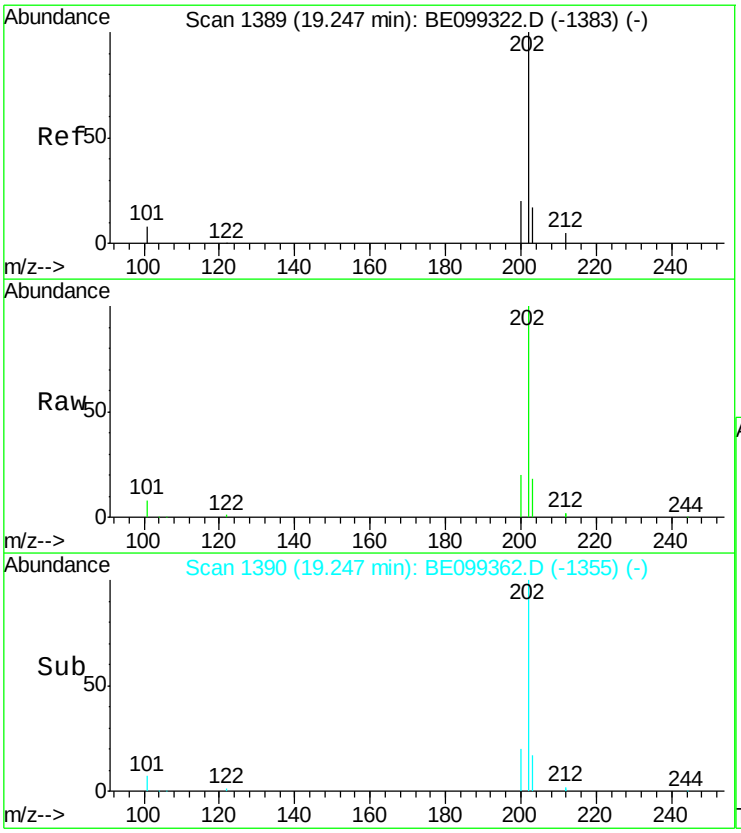
#25
Fluoranthene-d10
Concen: 0.331 ng
RT: 19.22 min Scan# 1385
Delta R.T. 0.00 min
Lab File: BE099362.D
Acq: 25 Apr 2019 15:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 120685

Ion	Ratio	Lower	Upper
212	100		
106	2.0	1.8	2.6
104	1.2	1.0	1.4

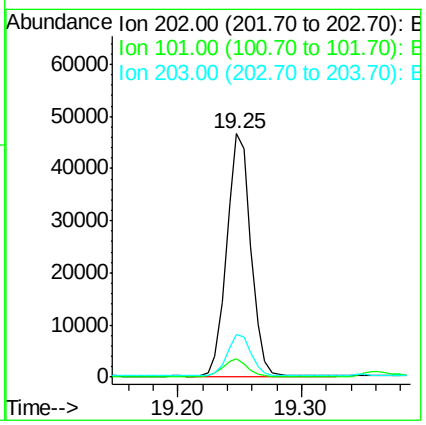


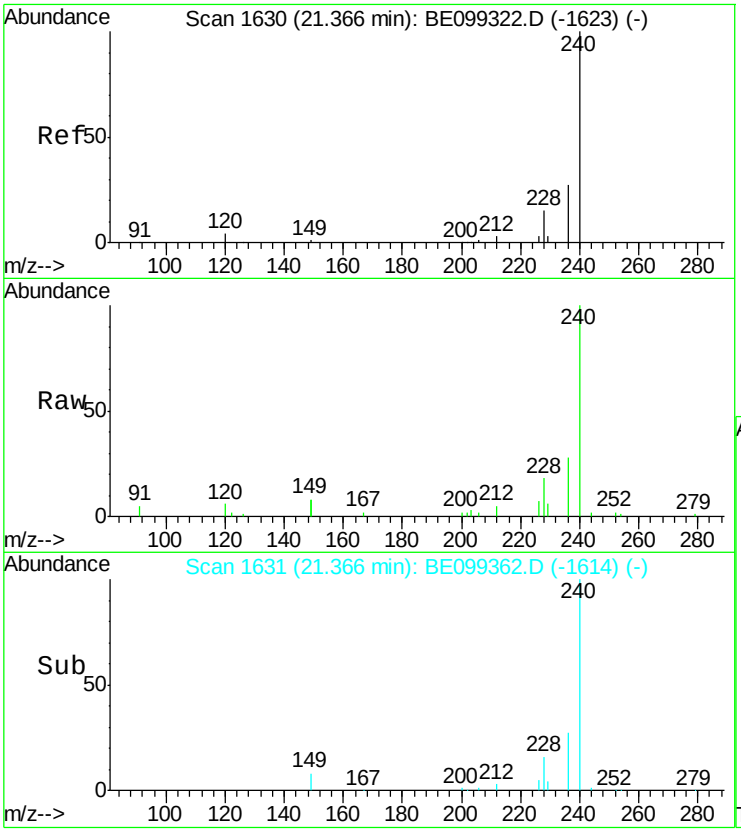


#26
Fluoranthene
Concen: 0.583 ng
RT: 19.25 min Scan# 1390
Delta R.T. 0.00 min
Lab File: BE099362.D
Acq: 25 Apr 2019 15:38

Tgt Ion:202 Resp: 62702

Ion	Ratio	Lower	Upper
202	100		
101	7.5	6.4	9.6
203	17.3	13.5	20.3



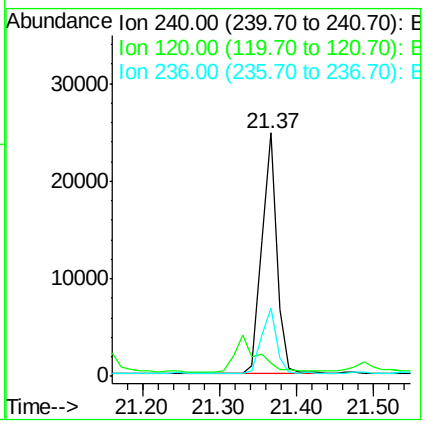


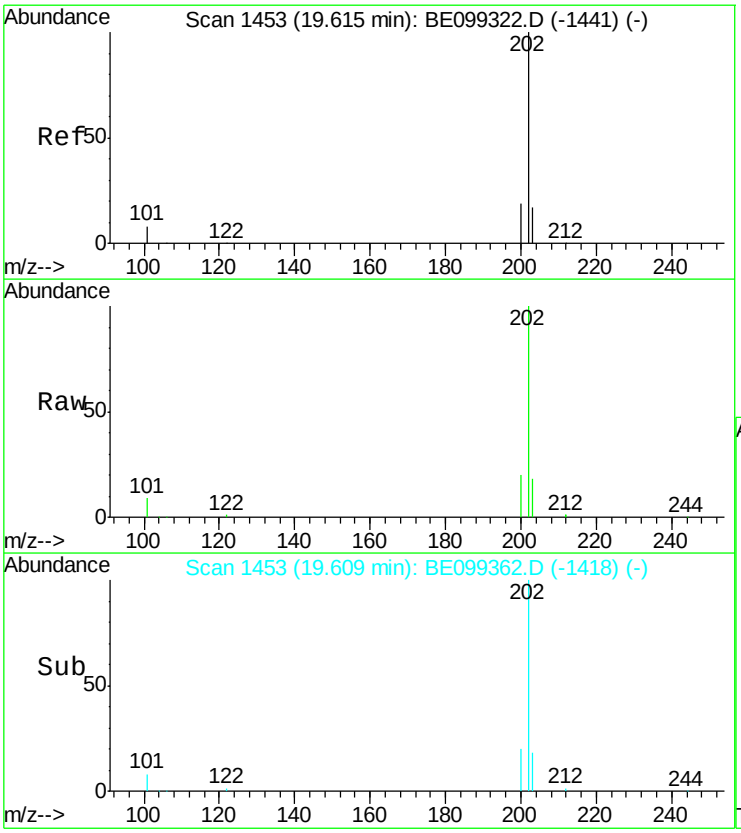
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1631
Delta R.T. 0.00 min
Lab File: BE099362.D
Acq: 25 Apr 2019 15:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 34155

Ion	Ratio	Lower	Upper
240	100		
120	5.7	2.2	3.2#
236	28.2	20.2	30.4

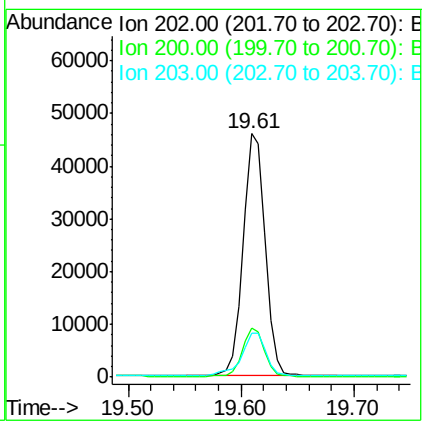


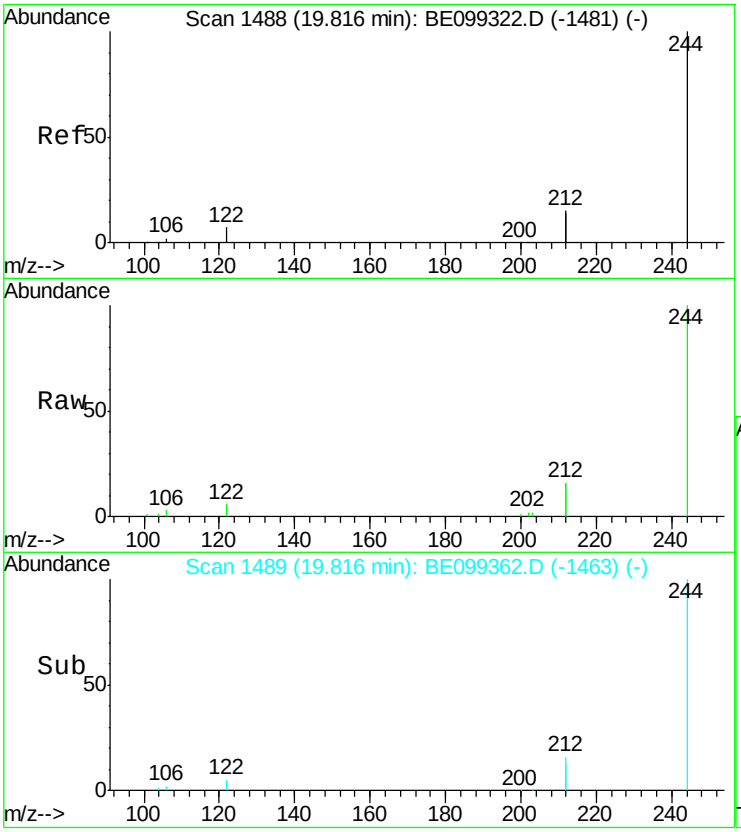


#28
Pyrene
Concen: 0.628 ng
RT: 19.61 min Scan# 1453
Delta R.T. 0.00 min
Lab File: BE099362.D
Acq: 25 Apr 2019 15:38

Tgt Ion:202 Resp: 63205

Ion	Ratio	Lower	Upper
202	100		
200	19.8	15.7	23.5
203	19.5	13.7	20.5



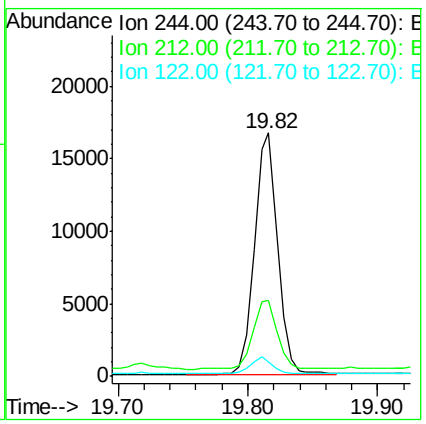


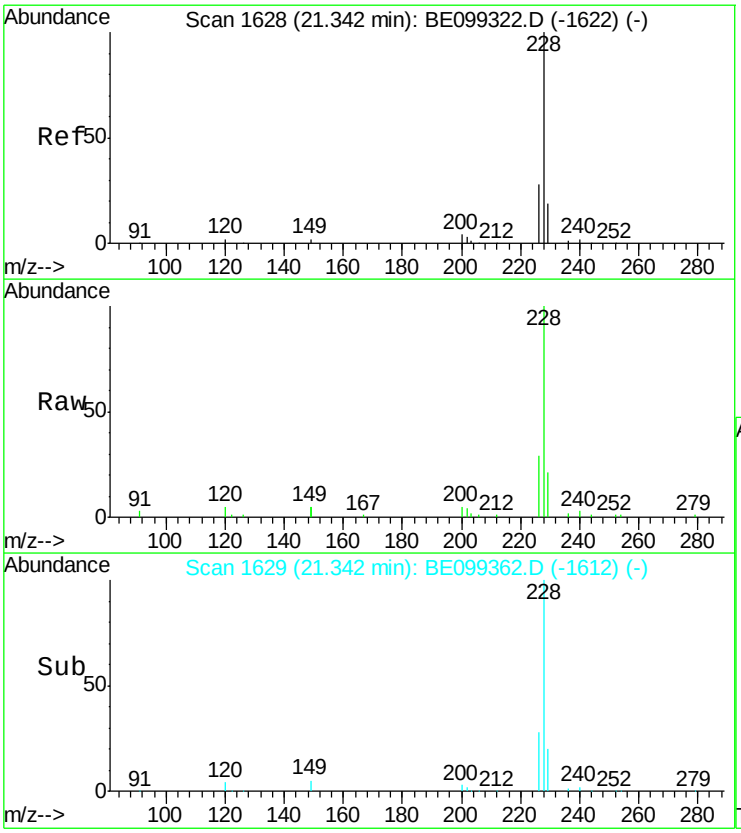
#29
Terphenyl-d14
Concen: 0.309 ng
RT: 19.82 min Scan# 1489
Delta R.T. 0.00 min
Lab File: BE099362.D
Acq: 25 Apr 2019 15:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 20784

Ion	Ratio	Lower	Upper
244	100		
212	31.4	22.6	33.8
122	6.2	4.6	7.0

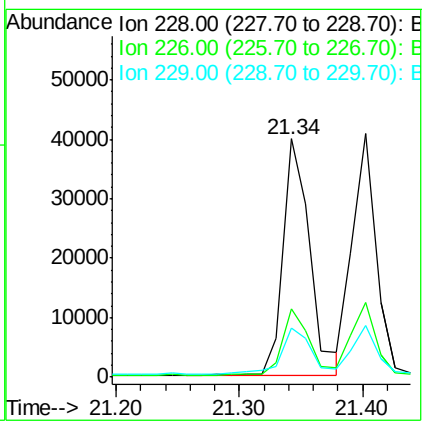


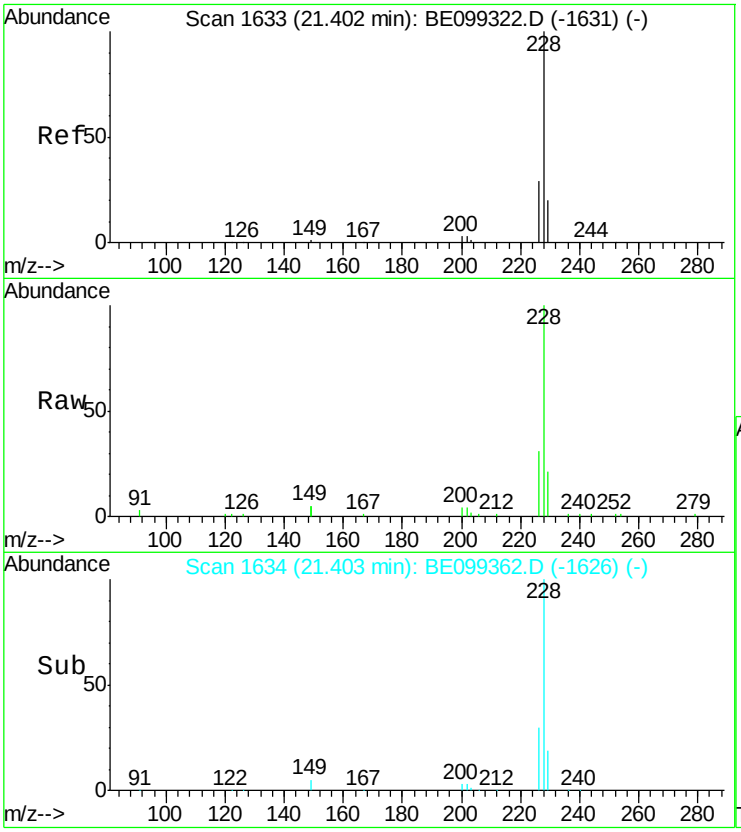


#30
Benzo(a)anthracene
Concen: 0.602 ng
RT: 21.34 min Scan# 1629
Delta R.T. 0.00 min
Lab File: BE099362.D
Acq: 25 Apr 2019 15:38

Tgt Ion:228 Resp: 60415

Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.0	33.0
229	20.7	15.8	23.8



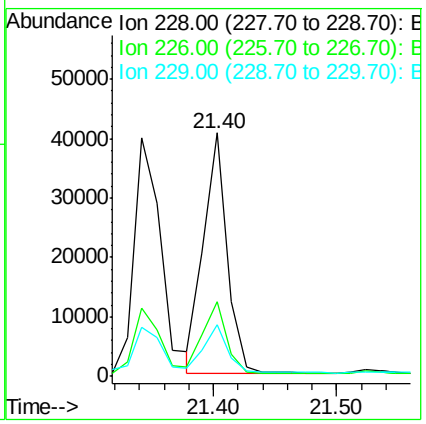


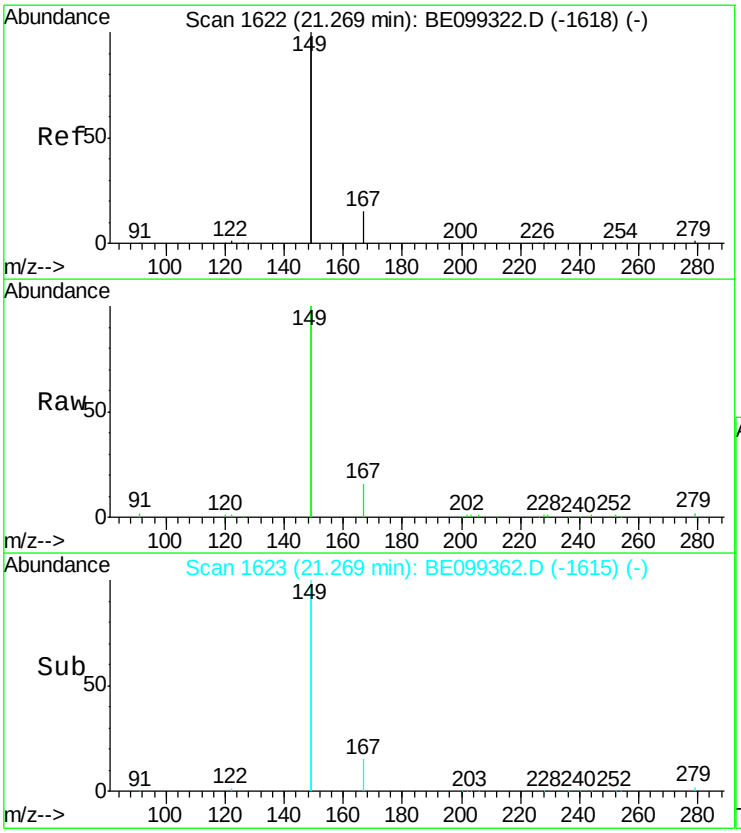
#31
Chrysene
Concen: 0.506 ng
RT: 21.40 min Scan# 1634
Delta R.T. 0.00 min
Lab File: BE099362.D
Acq: 25 Apr 2019 15:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 54087

Ion	Ratio	Lower	Upper
228	100		
226	30.9	23.4	35.2
229	21.0	16.2	24.2

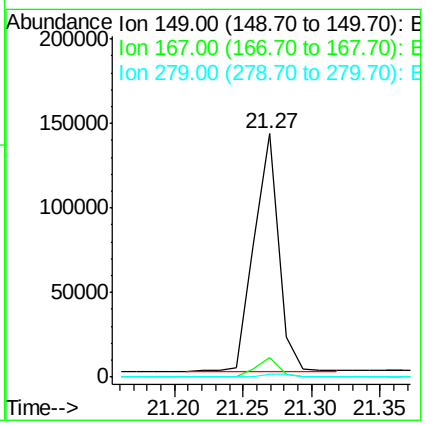


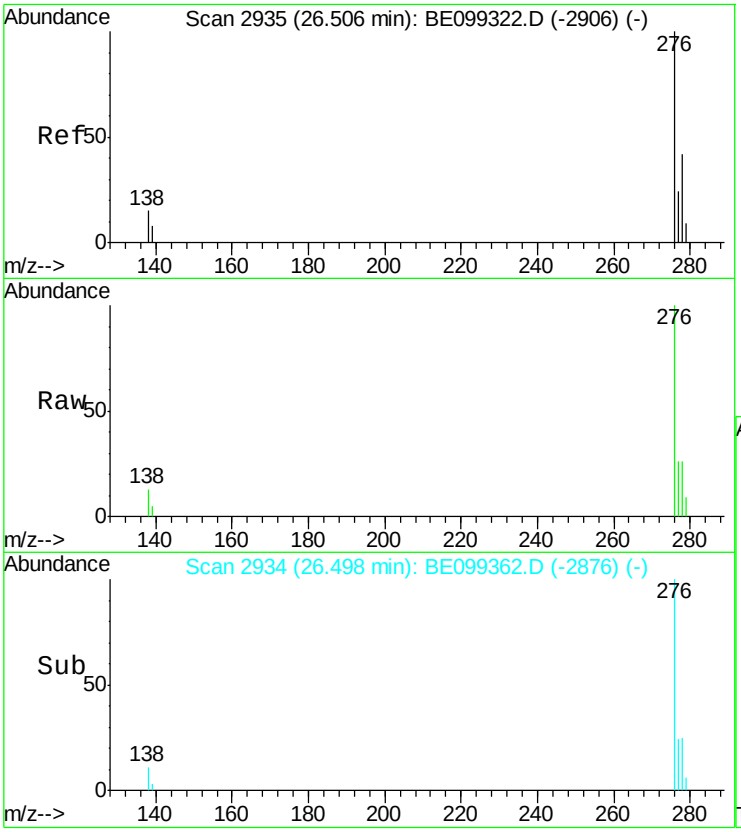


#32
Bis(2-ethylhexyl)phthalate
Concen: 1.914 ng
RT: 21.27 min Scan# 1623
Delta R.T. 0.00 min
Lab File: BE099362.D
Acq: 25 Apr 2019 15:38

Tgt Ion:149 Resp: 174917

Ion	Ratio	Lower	Upper
149	100		
167	7.3	6.0	9.0
279	1.3	1.1	1.7



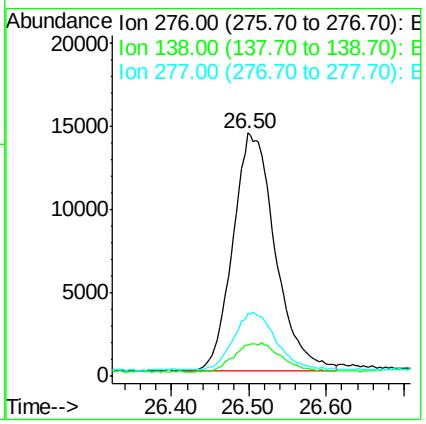


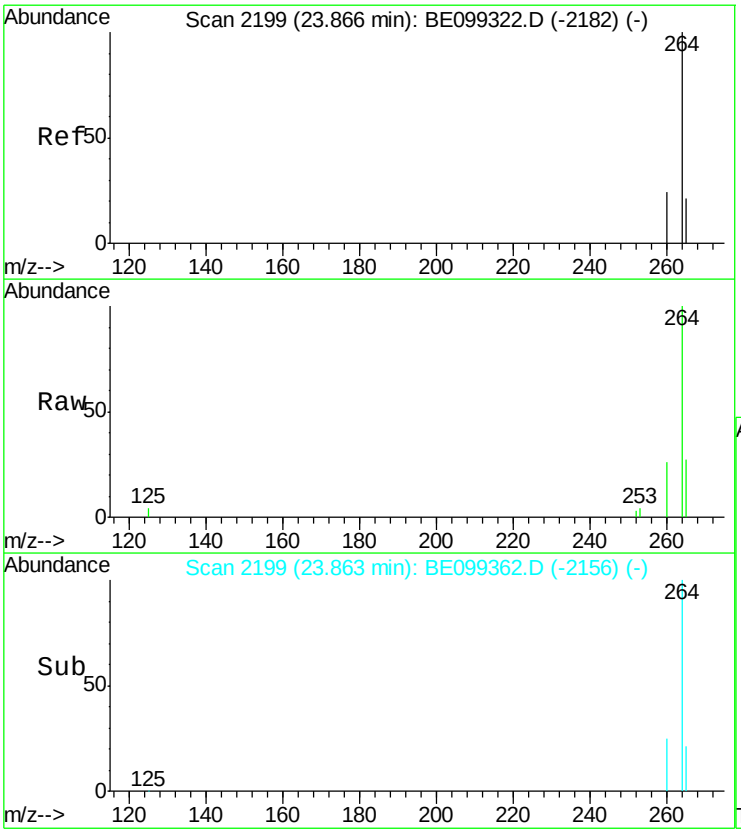
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.512 ng
RT: 26.50 min Scan# 2934
Delta R.T. 0.01 min
Lab File: BE099362.D
Acq: 25 Apr 2019 15:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 54041

Ion	Ratio	Lower	Upper
276	100		
138	13.2	12.7	19.1
277	24.2	19.6	29.4

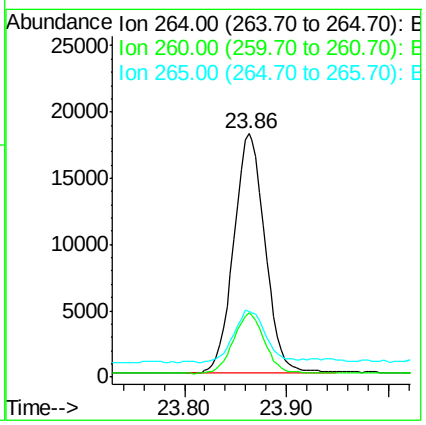


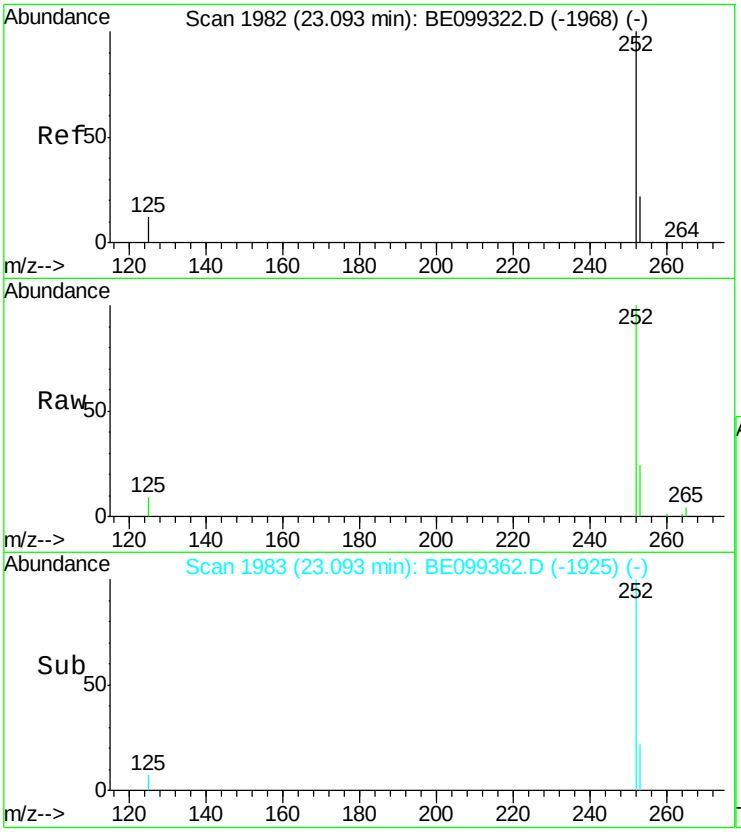


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.86 min Scan# 2199
Delta R.T. 0.00 min
Lab File: BE099362.D
Acq: 25 Apr 2019 15:38

Tgt Ion:264 Resp: 38765

Ion	Ratio	Lower	Upper
264	100		
260	26.4	20.1	30.1
265	27.2	19.9	29.9



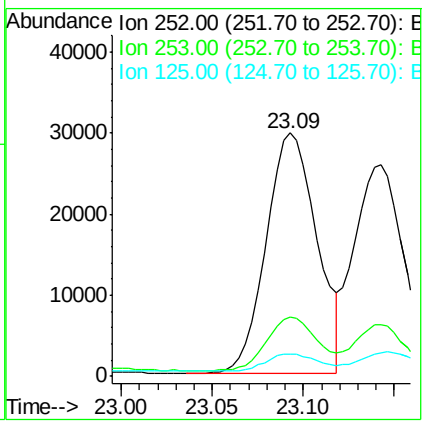


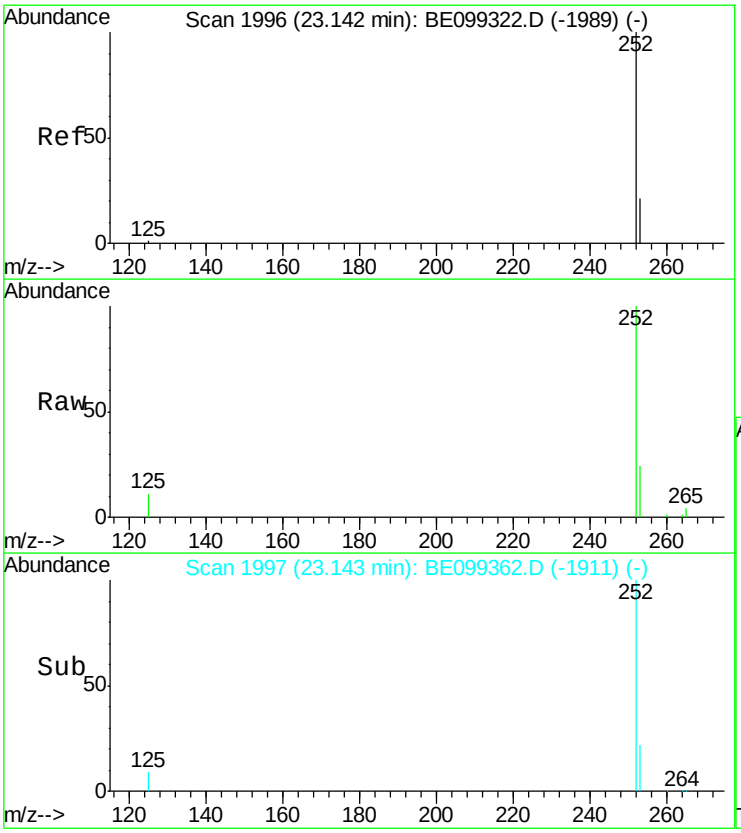
#35
Benzo(b)fluoranthene
Concen: 0.482 ng
RT: 23.09 min Scan# 1983
Delta R.T. 0.01 min
Lab File: BE099362.D
Acq: 25 Apr 2019 15:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 57199

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.3	25.9
125	9.0	5.8	8.6#

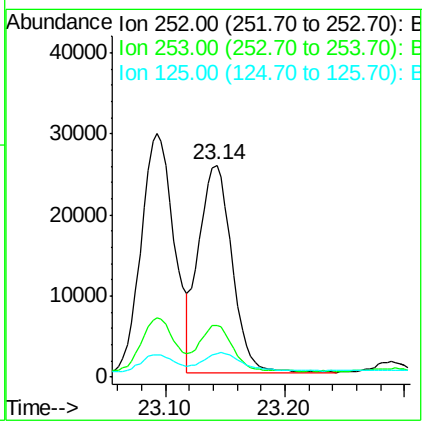


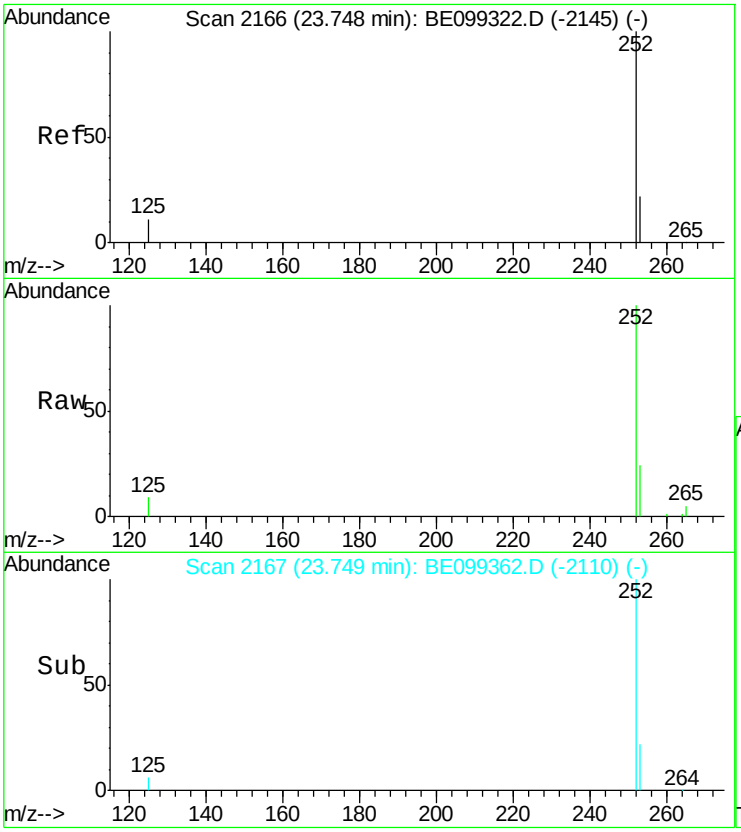


#36
Benzo(k)fluoranthene
Concen: 0.423 ng
RT: 23.14 min Scan# 1997
Delta R.T. 0.01 min
Lab File: BE099362.D
Acq: 25 Apr 2019 15:38

Tgt Ion:252 Resp: 50024

Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.4	27.6
125	11.1	5.4	8.0#



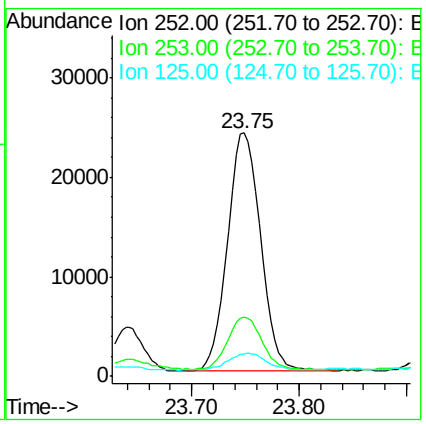


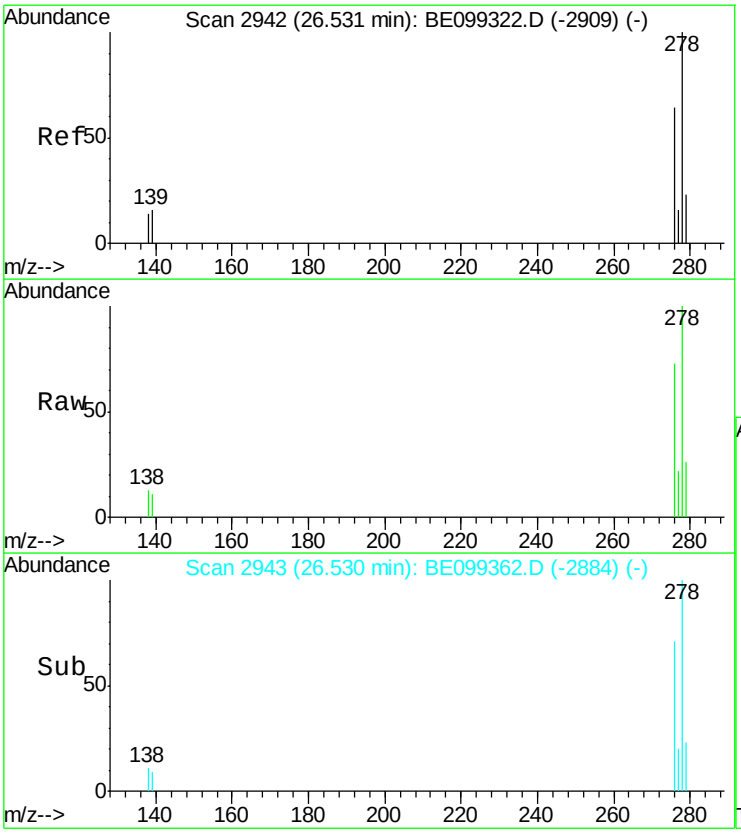
#37
Benzo(a)pyrene
Concen: 0.484 ng
RT: 23.75 min Scan# 2167
Delta R.T. 0.00 min
Lab File: BE099362.D
Acq: 25 Apr 2019 15:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 51481

Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.6	26.4
125	9.0	6.5	9.7

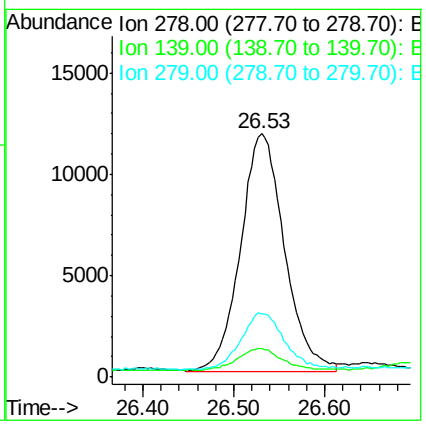


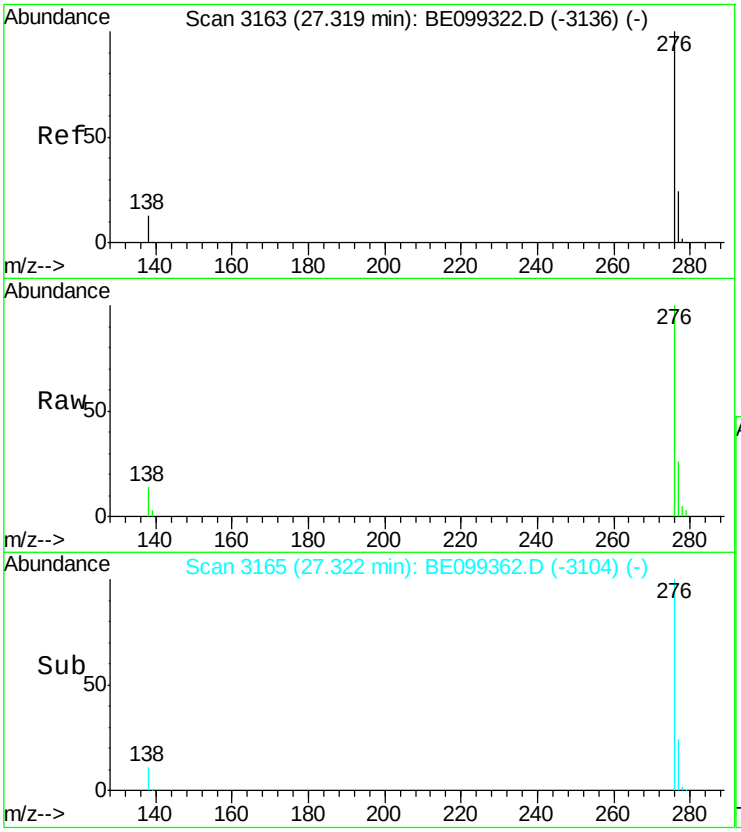


#38
Dibenzo(a,h)anthracene
Concen: 0.361 ng
RT: 26.53 min Scan# 2943
Delta R.T. 0.01 min
Lab File: BE099362.D
Acq: 25 Apr 2019 15:38

Tgt Ion:278 Resp: 39215

Ion	Ratio	Lower	Upper
278	100		
139	11.5	8.5	12.7
279	26.0	19.8	29.8





#39
Benzo(g,h,i)perylene
Concen: 0.416 ng
RT: 27.32 min Scan# 3165
Delta R.T. 0.02 min
Lab File: BE099362.D
Acq: 25 Apr 2019 15:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 45861

Ion	Ratio	Lower	Upper
276	100		
277	26.0	20.0	30.0
138	13.6	11.1	16.7