Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE052219\
Data File : BE099728.D
Acq On : 22 May 2019 19:57
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4EC

Quant Time: May 23 08:00:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE052019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 20 19:29:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	2299	0.40	ng		-0.01
7) Naphthalene-d8	10.61	136	8270	0.40	ng		0.00
13) Acenaphthene-d10	14.49	164	5861	0.40	ng		0.00
19) Phenanthrene-d10	17.23	188	16564	0.40	ng		0.00
27) Chrysene-d12	21.42	240	25785	0.40	ng		0.00
34) Perylene-d12	23.95	264	29645	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.37	112	2394	0.41	ng		0.00
5) Phenol-d6	6.97	99	3115	0.41	ng		0.00
8) Nitrobenzene-d5	8.96	82	2858	0.40	ng		-0.01
11) 2-Methylnaphthalene-d10	12.21	152	5369	0.38	ng		-0.01
14) 2,4,6-Tribromophenol	15.97	330	1491	0.46	ng		-0.01
15) 2-Fluorobiphenyl	13.10	172	8279	0.37	ng		0.00
25) Fluoranthene-d10	19.26	212	84785	0.37	ng		0.00
29) Terphenyl-d14	19.86	244	17524	0.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	1062	0.312	ng		89
3) n-Nitrosodimethylamine	3.62	42	538	0.286	ng	#	1
6) bis(2-Chloroethyl)ether	7.23	93	2469	0.361	ng		96
9) Naphthalene	10.67	128	33671	0.381	ng		100
10) Hexachlorobutadiene	10.94	225	2496	0.383	ng		99
12) 2-Methylnaphthalene	12.30	142	5496	0.381	ng		98
16) Acenaphthylene	14.20	152	10558	0.387	ng		99
17) Acenaphthene	14.54	154	5899	0.385	ng		99
18) Fluorene	15.53	166	8291	0.367	ng		98
20) 4-Bromophenyl-phenylether	16.42	248	3700	0.387	ng	#	95
21) Hexachlorobenzene	16.53	284	3802	0.389	ng		99
22) Pentachlorophenol	16.89	266	1544	0.676	ng		88
23) Phenanthrene	17.27	178	15653	0.387	ng		99
24) Anthracene	17.36	178	14295	0.389	ng		99
26) Fluoranthene	19.29	202	24376	0.381	ng		99
28) Pyrene	19.66	202	25666	0.396	ng		99
30) Benzo(a)anthracene	21.39	228	31788	0.434	ng		99
31) Chrysene	21.45	228	31471	0.402	ng		98
32) Bis(2-ethylhexyl)phthalate	21.31	149	45289	0.536	ng		99
33) Indeno(1,2,3-cd)pyrene	26.65	276	37913	0.401	ng		98
35) Benzo(b)fluoranthene	23.22	252	29941	0.369	ng		99
36) Benzo(k)fluoranthene	23.22	252	29941	0.354	ng		100
37) Benzo(a)pyrene	23.84	252	29941	0.383	ng	#	97
38) Dibenzo(a,h)anthracene	26.67	278	31281	0.381	ng	#	97
39) Benzo(g,h,i)perylene	27.48	276	30533	0.368	ng		99

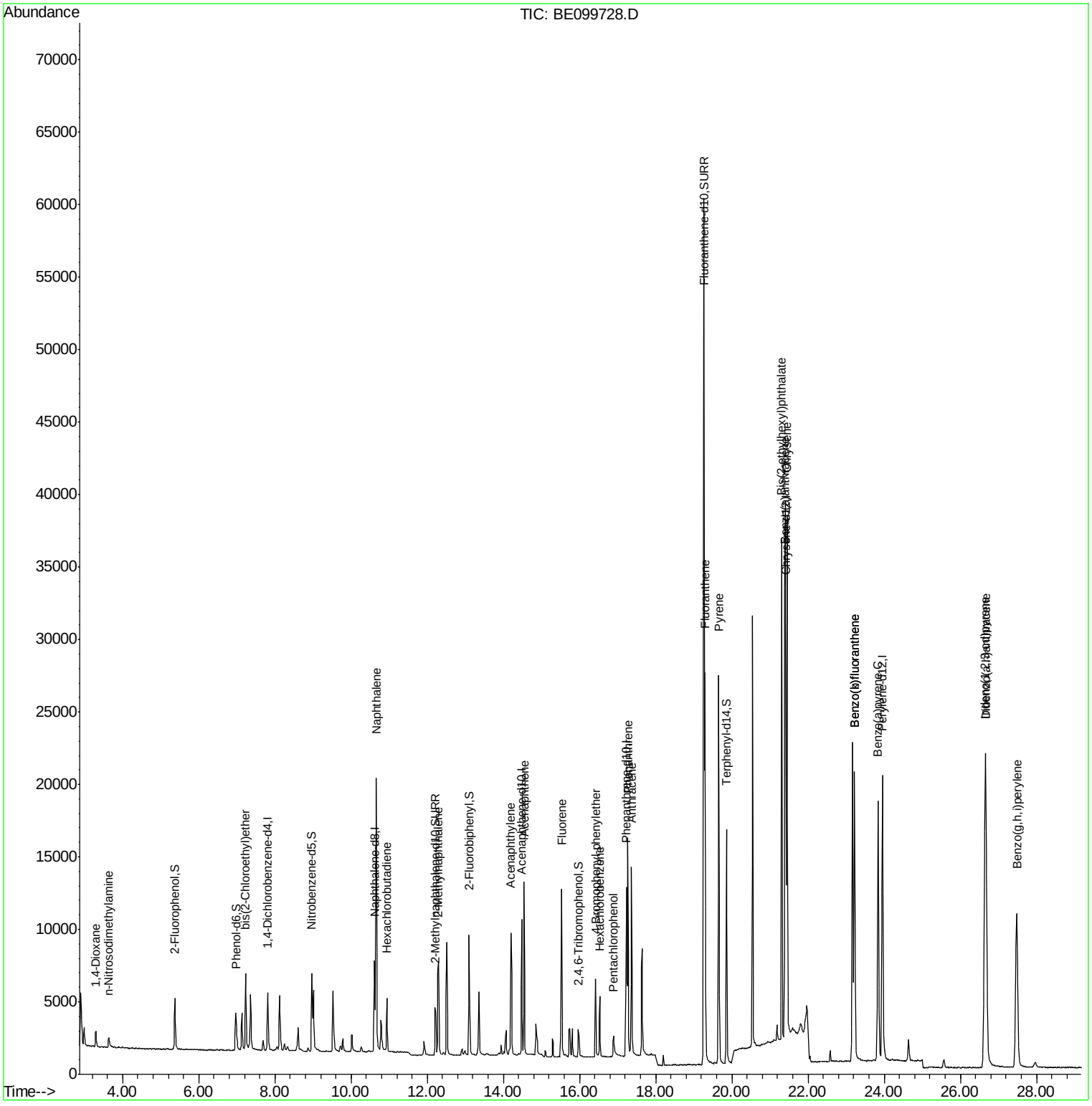
(#) = qualifier out of range (m) = manual integration (+) = signals summed

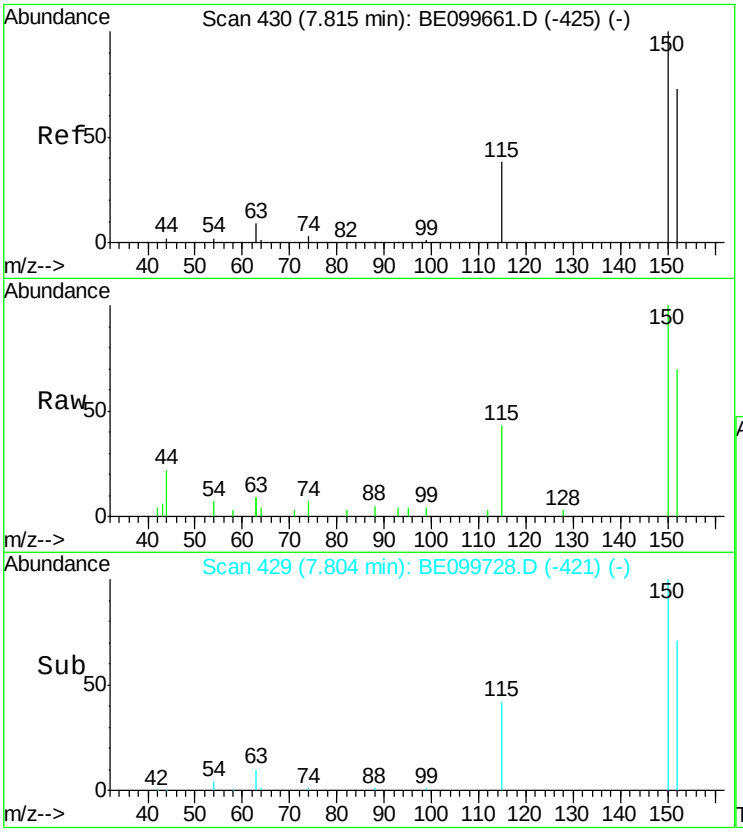
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE052219\
Data File : BE099728.D
Acq On : 22 May 2019 19:57
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Quant Time: May 23 08:00:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE052019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 20 19:29:40 2019
Response via : Initial Calibration



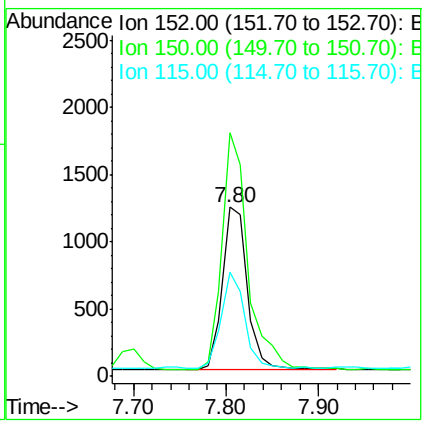


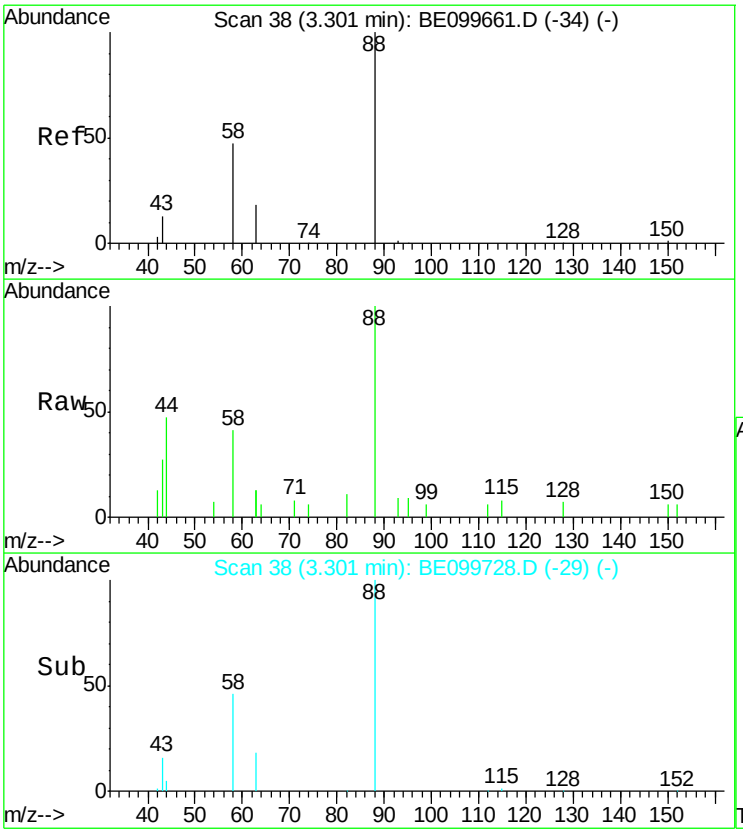
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. -0.01 min
Lab File: BE099728.D
Acq: 22 May 2019 19:57

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 2299

Ion	Ratio	Lower	Upper
152	100		
150	143.8	109.2	163.8
115	61.8	43.7	65.5

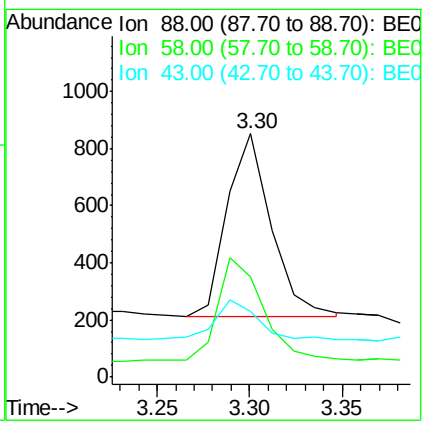


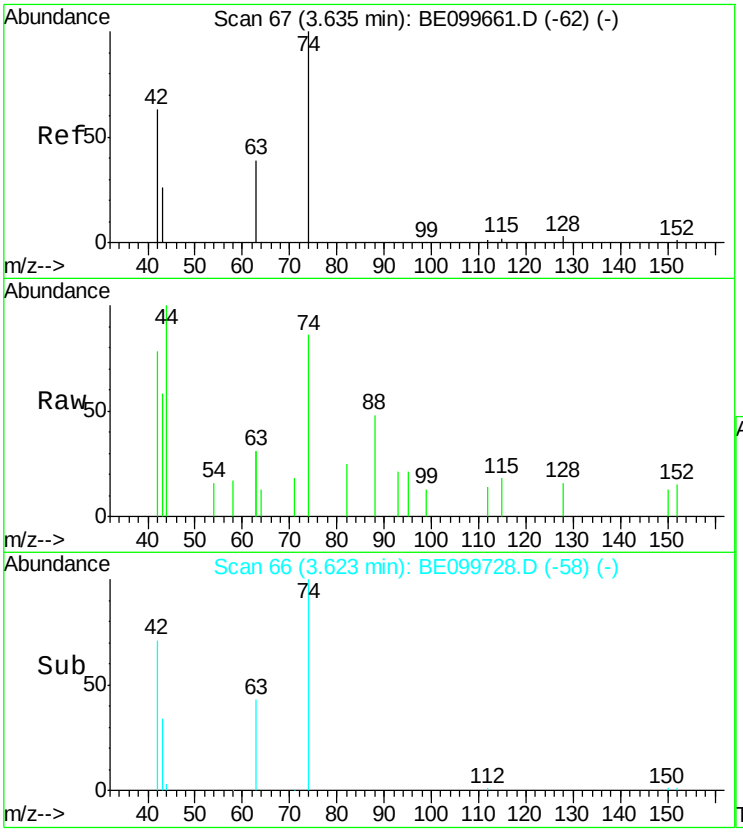


#2
1,4-Dioxane
Concen: 0.312 ng
RT: 3.30 min Scan# 38
Delta R.T. 0.00 min
Lab File: BE099728.D
Acq: 22 May 2019 19:57

Tgt Ion: 88 Resp: 1062

Ion	Ratio	Lower	Upper
88	100		
58	60.6	41.8	62.8
43	22.0	15.0	22.4



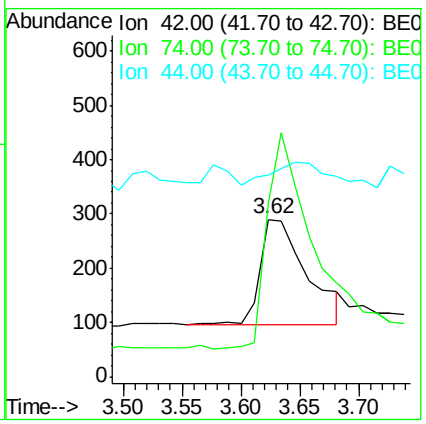


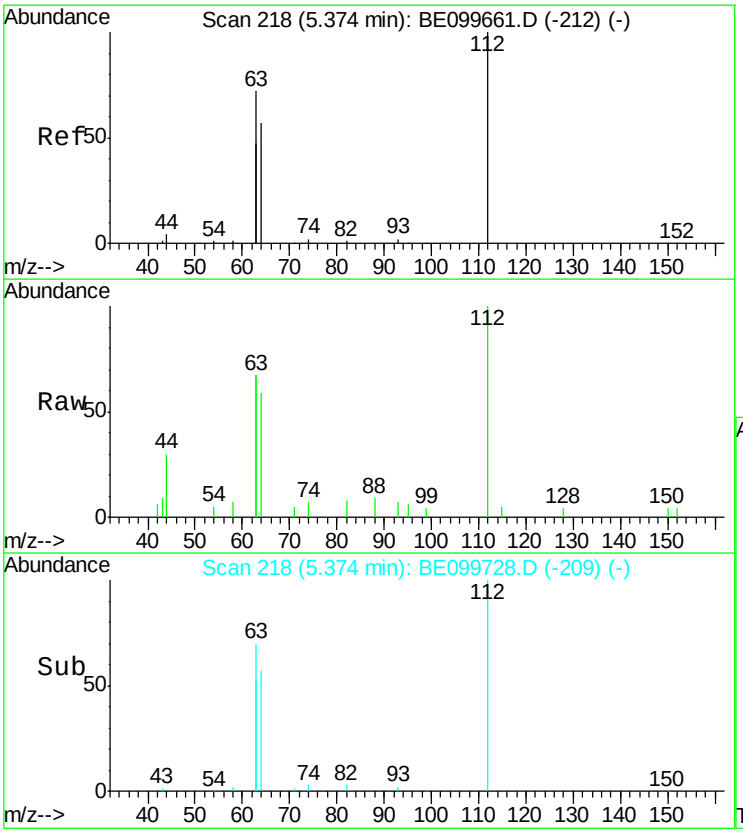
#3
n-Nitrosodimethylamine
Concen: 0.286 ng
RT: 3.62 min Scan# 66
Delta R.T. -0.01 min
Lab File: BE099728.D
Acq: 22 May 2019 19:57

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 538

Ion	Ratio	Lower	Upper
42	100		
74	0.0	129.2	193.8#
44	0.0	0.0	0.0

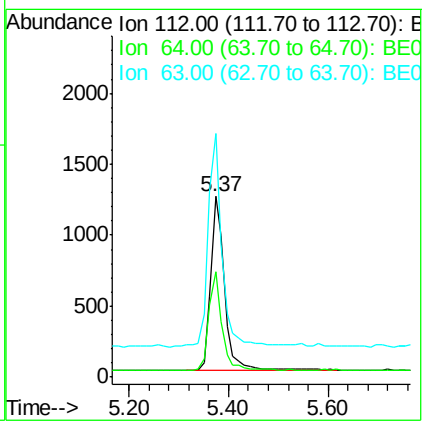


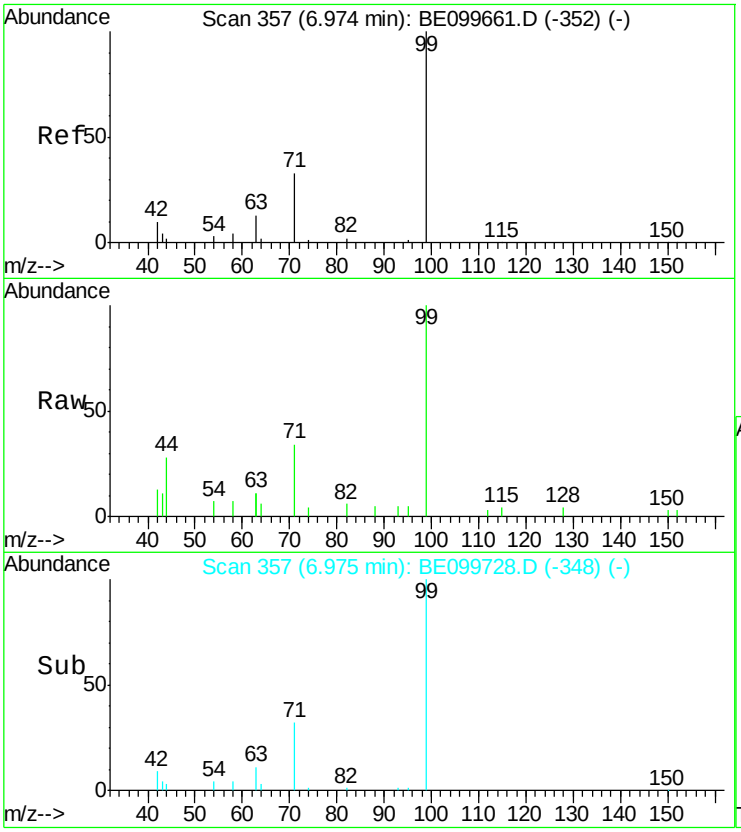


#4
2-Fluorophenol
Concen: 0.412 ng
RT: 5.37 min Scan# 218
Delta R.T. 0.00 min
Lab File: BE099728.D
Acq: 22 May 2019 19:57

Tgt Ion:112 Resp: 2394

Ion	Ratio	Lower	Upper
112	100		
64	52.5	43.4	65.2
63	116.6	96.9	145.3



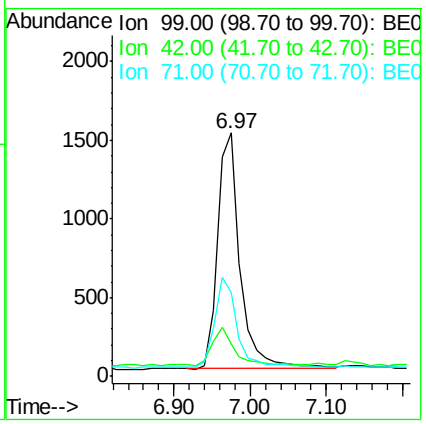


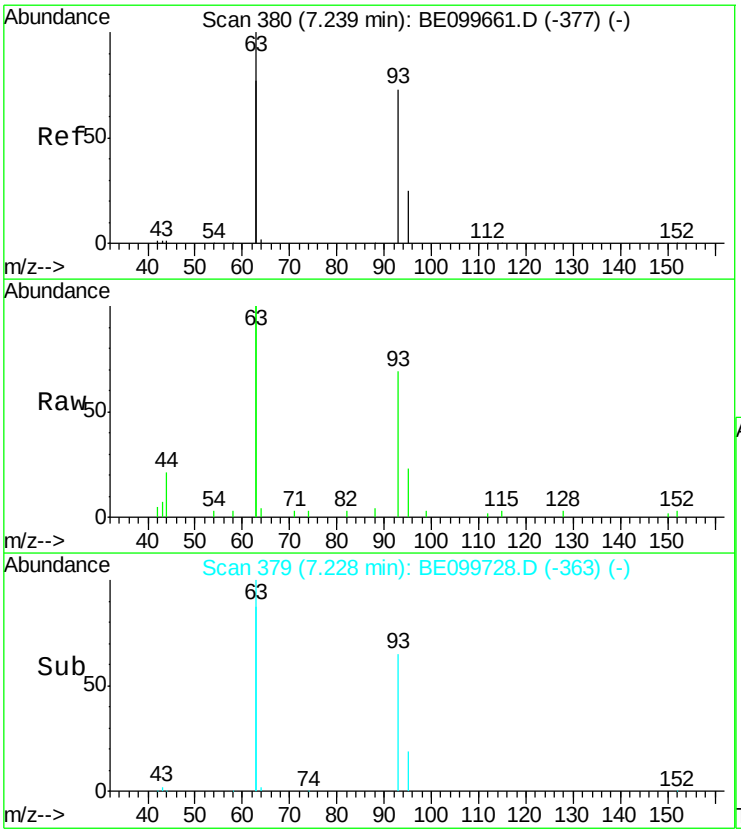
#5
Phenol-d6
Concen: 0.405 ng
RT: 6.97 min Scan# 357
Delta R.T. 0.00 min
Lab File: BE099728.D
Acq: 22 May 2019 19:57

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 3115

Ion	Ratio	Lower	Upper
99	100		
42	15.6	12.2	18.2
71	38.5	28.9	43.3

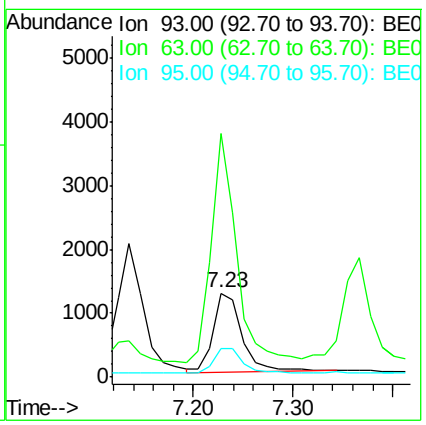


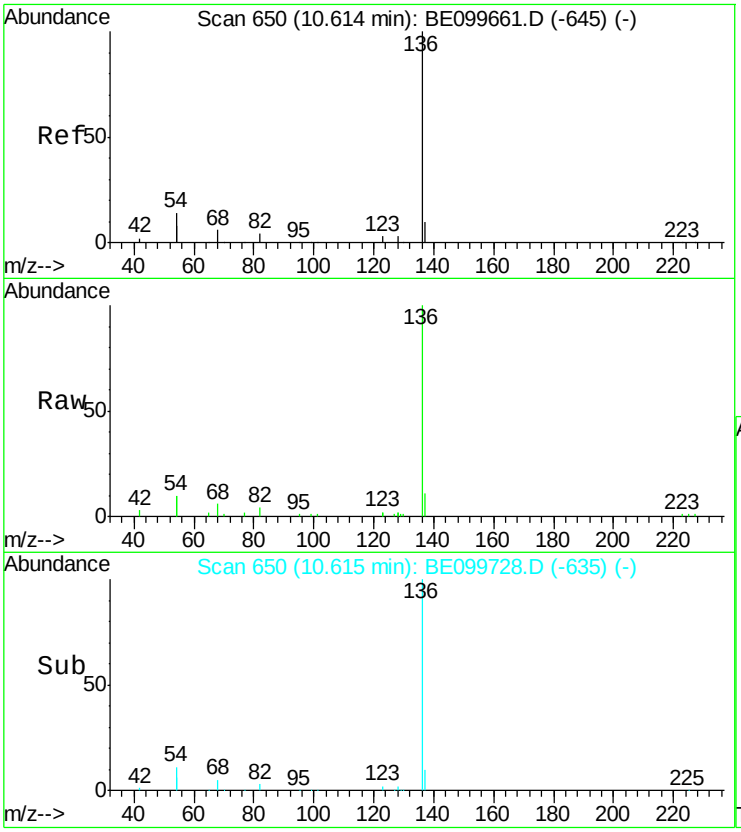


#6
bis(2-Chloroethyl)ether
Concen: 0.361 ng
RT: 7.23 min Scan# 379
Delta R.T. -0.01 min
Lab File: BE099728.D
Acq: 22 May 2019 19:57

Tgt Ion: 93 Resp: 2469

Ion	Ratio	Lower	Upper
93	100		
63	252.6	207.8	311.6
95	32.7	25.9	38.9



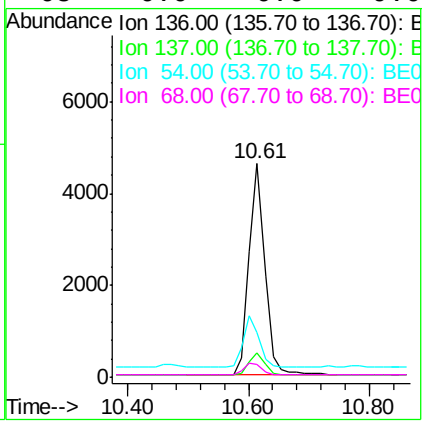


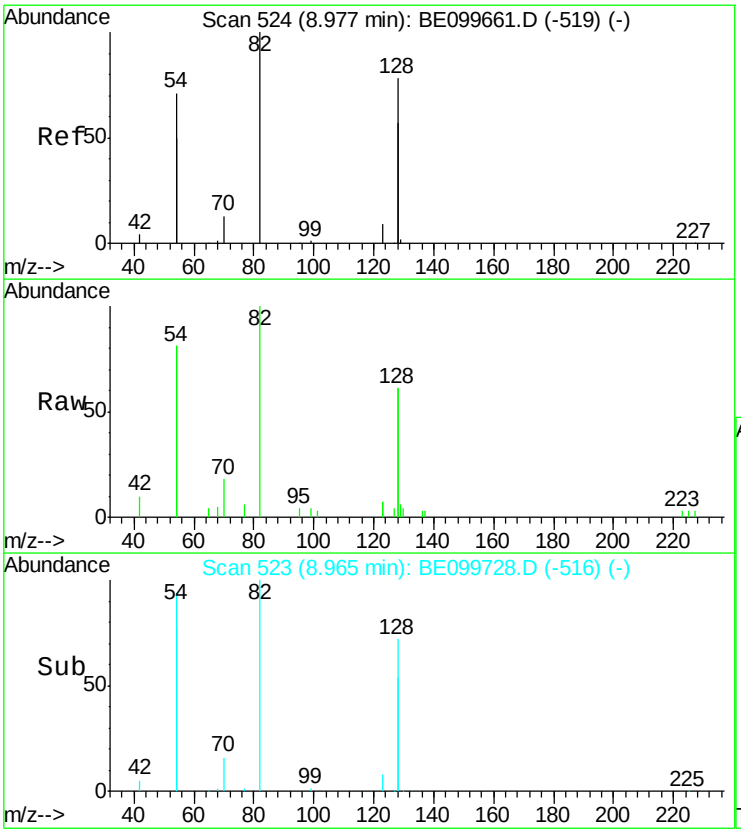
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.61 min Scan# 650
Delta R.T. 0.00 min
Lab File: BE099728.D
Acq: 22 May 2019 19:57

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 8270

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.6
54	20.8	22.3	33.5#
68	6.0	6.0	9.0

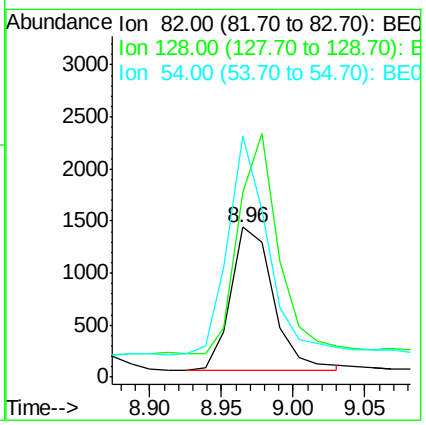


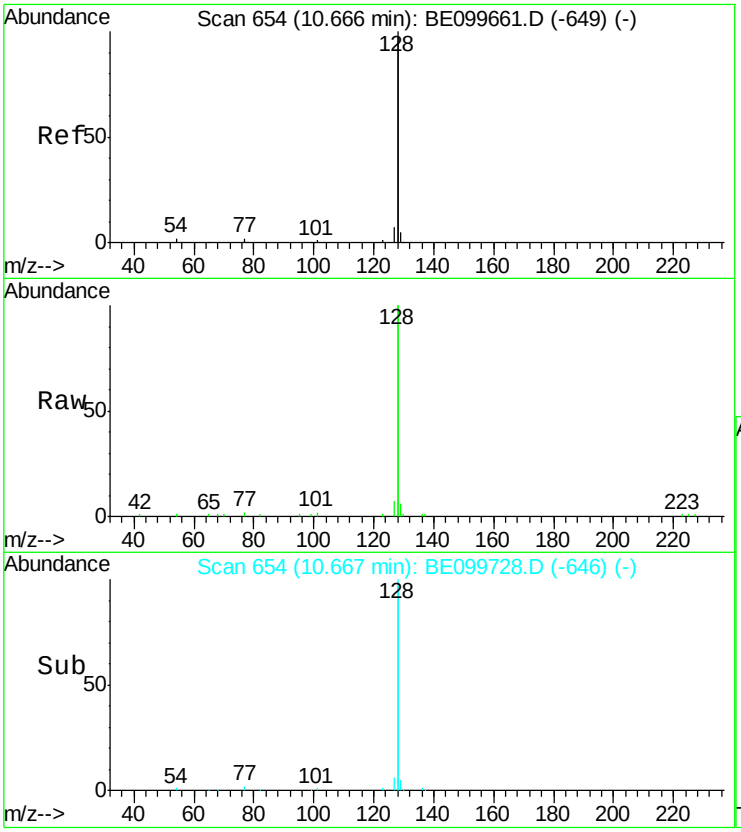


#8
Nitrobenzene-d5
Concen: 0.399 ng
RT: 8.96 min Scan# 523
Delta R.T. -0.01 min
Lab File: BE099728.D
Acq: 22 May 2019 19:57

Tgt Ion: 82 Resp: 2858

Ion	Ratio	Lower	Upper
82	100		
128	122.7	117.7	176.5
54	161.0	106.6	160.0#



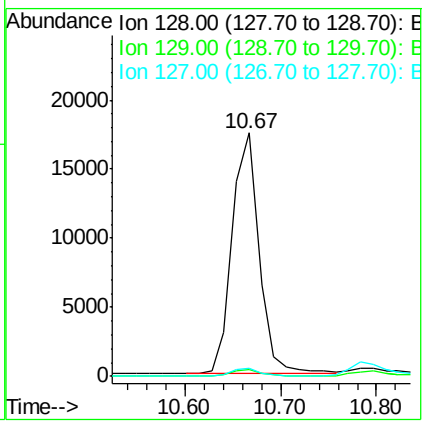


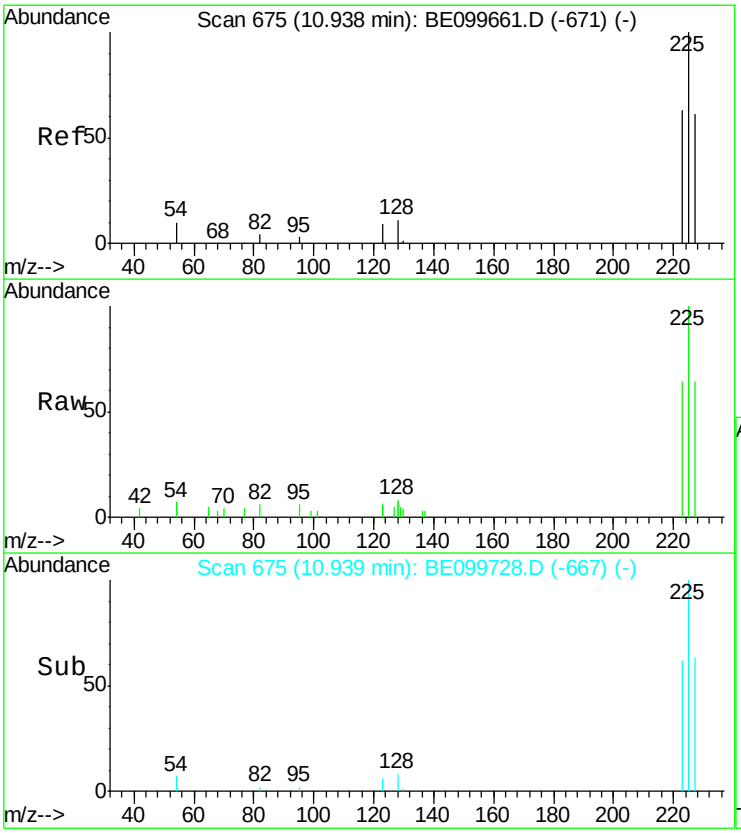
#9
Naphthalene
Concen: 0.381 ng
RT: 10.67 min Scan# 654
Delta R.T. 0.00 min
Lab File: BE099728.D
Acq: 22 May 2019 19:57

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 33671

Ion	Ratio	Lower	Upper
128	100		
129	3.0	2.4	3.6
127	3.5	2.9	4.3

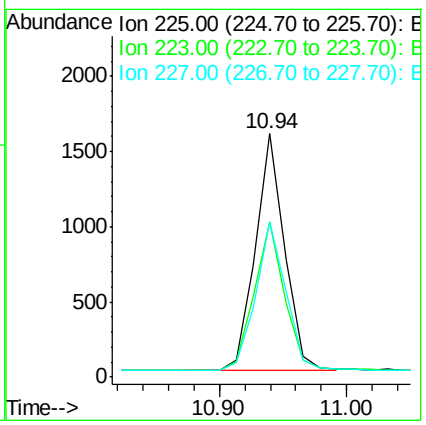


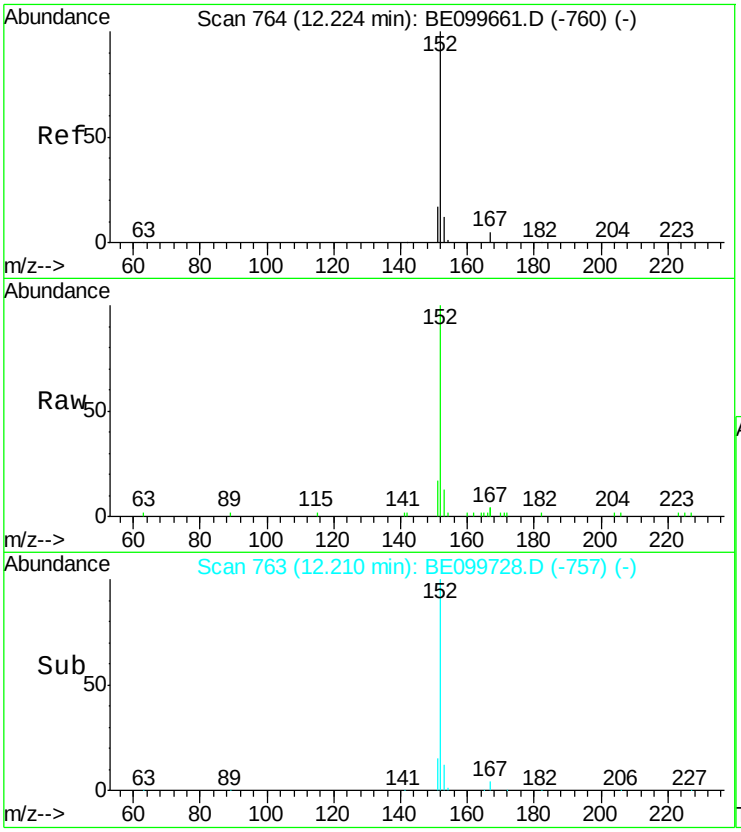


#10
Hexachlorobutadiene
Concen: 0.383 ng
RT: 10.94 min Scan# 675
Delta R.T. 0.00 min
Lab File: BE099728.D
Acq: 22 May 2019 19:57

Tgt Ion:225 Resp: 2496

Ion	Ratio	Lower	Upper
225	100		
223	64.3	51.8	77.6
227	64.3	52.6	79.0



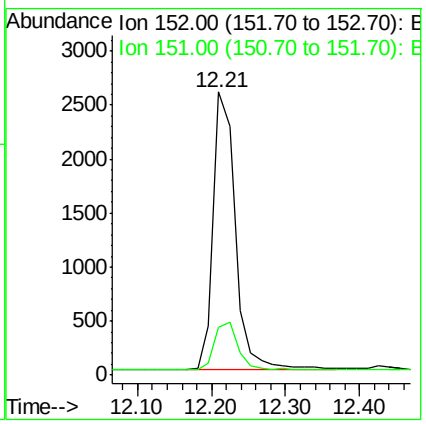


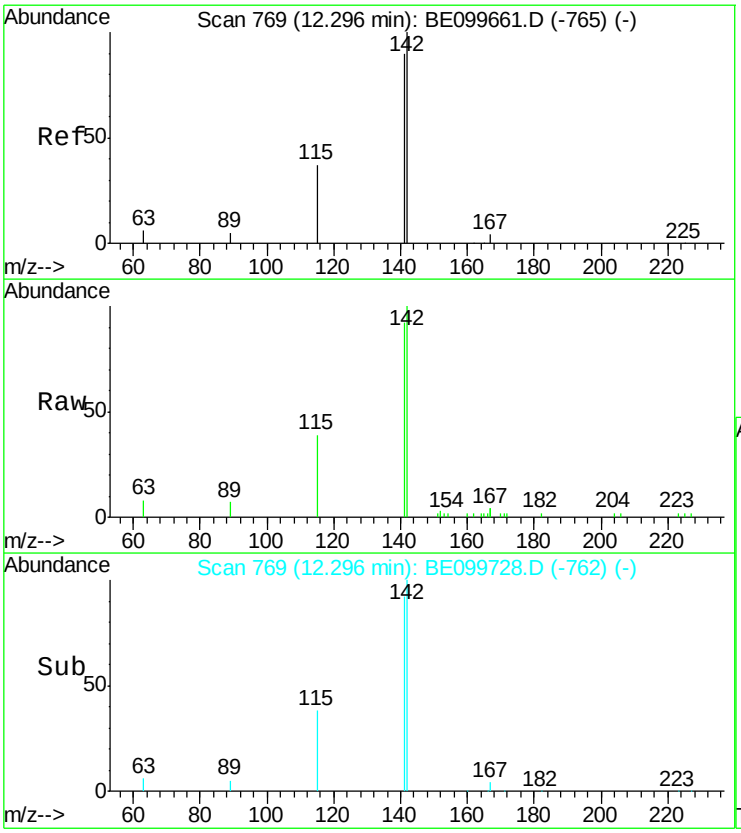
#11
2-Methylnaphthalene-d10
Concen: 0.376 ng
RT: 12.21 min Scan# 763
Delta R.T. -0.01 min
Lab File: BE099728.D
Acq: 22 May 2019 19:57

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 5369

Ion	Ratio	Lower	Upper
152	100		
151	18.7	15.0	22.4

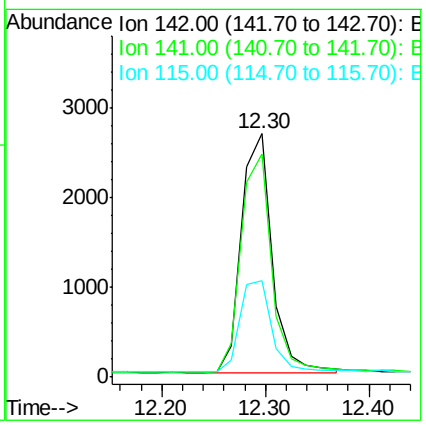


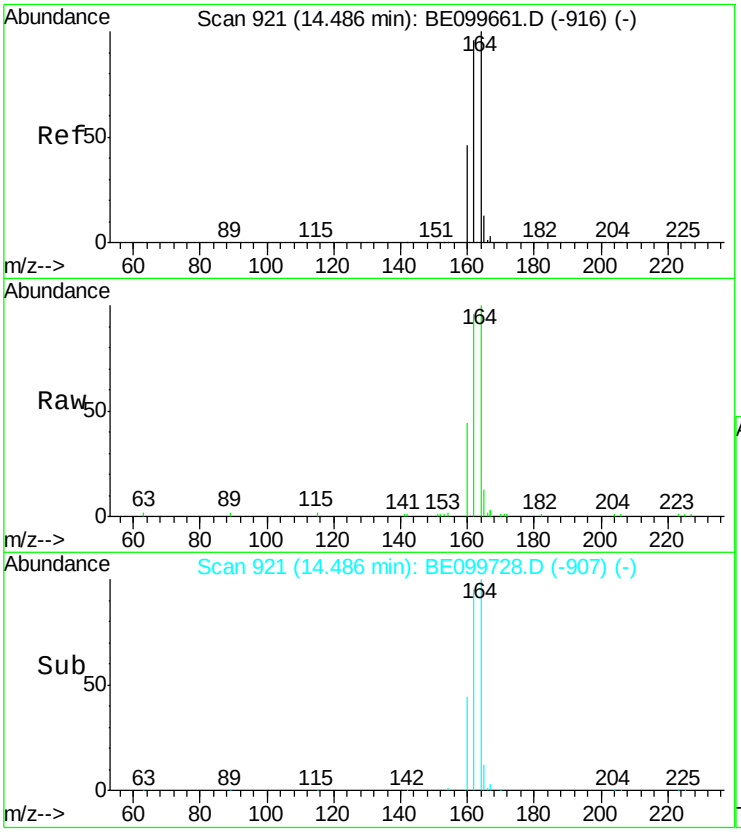


#12
2-Methylnaphthalene
Concen: 0.381 ng
RT: 12.30 min Scan# 769
Delta R.T. 0.00 min
Lab File: BE099728.D
Acq: 22 May 2019 19:57

Tgt Ion:142 Resp: 5496

Ion	Ratio	Lower	Upper
142	100		
141	91.7	72.0	108.0
115	39.4	31.0	46.4



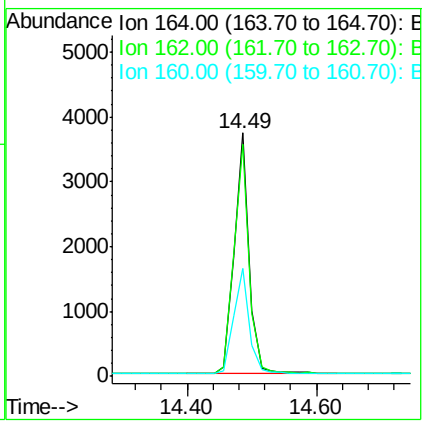


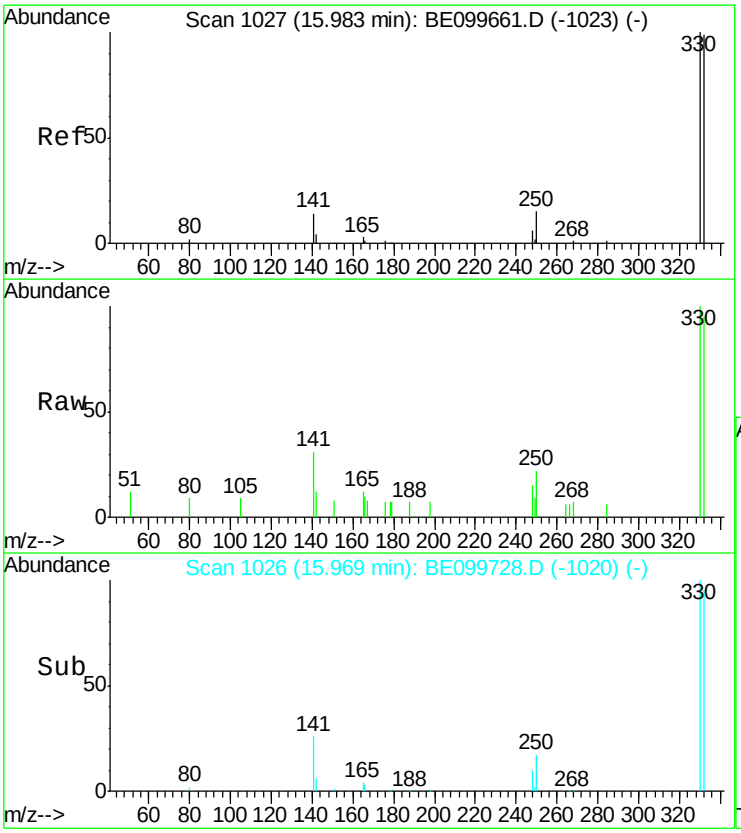
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. 0.00 min
Lab File: BE099728.D
Acq: 22 May 2019 19:57

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 5861

Ion	Ratio	Lower	Upper
164	100		
162	95.5	76.5	114.7
160	44.4	37.4	56.2

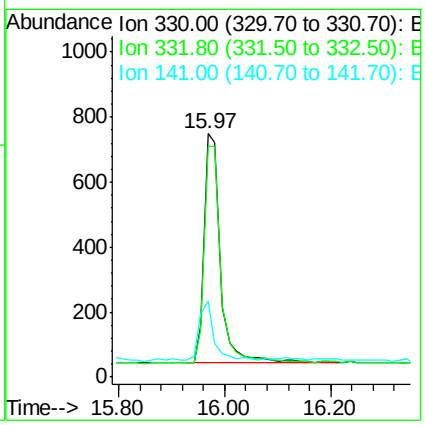


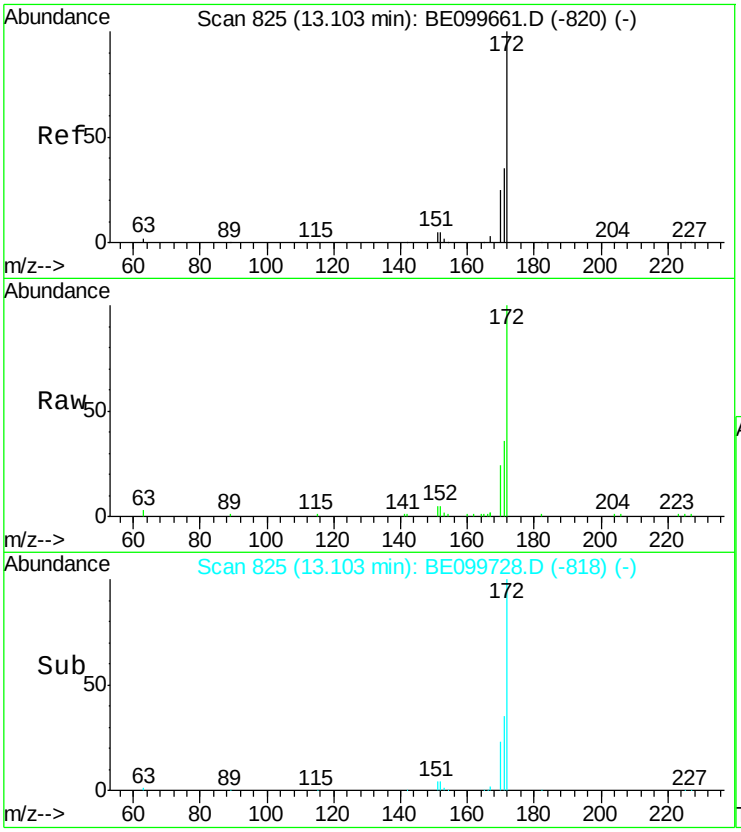


#14
2,4,6-Tribromophenol
Concen: 0.462 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BE099728.D
Acq: 22 May 2019 19:57

Tgt Ion:330 Resp: 1491

Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.3	115.9
141	24.1	18.9	28.3



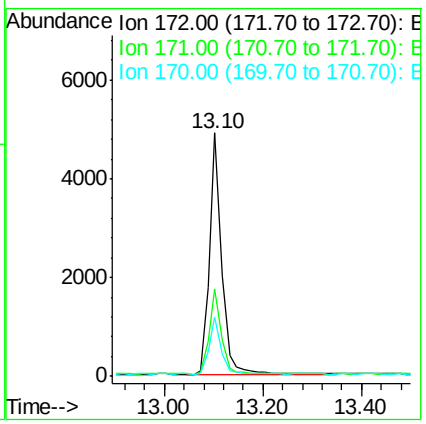


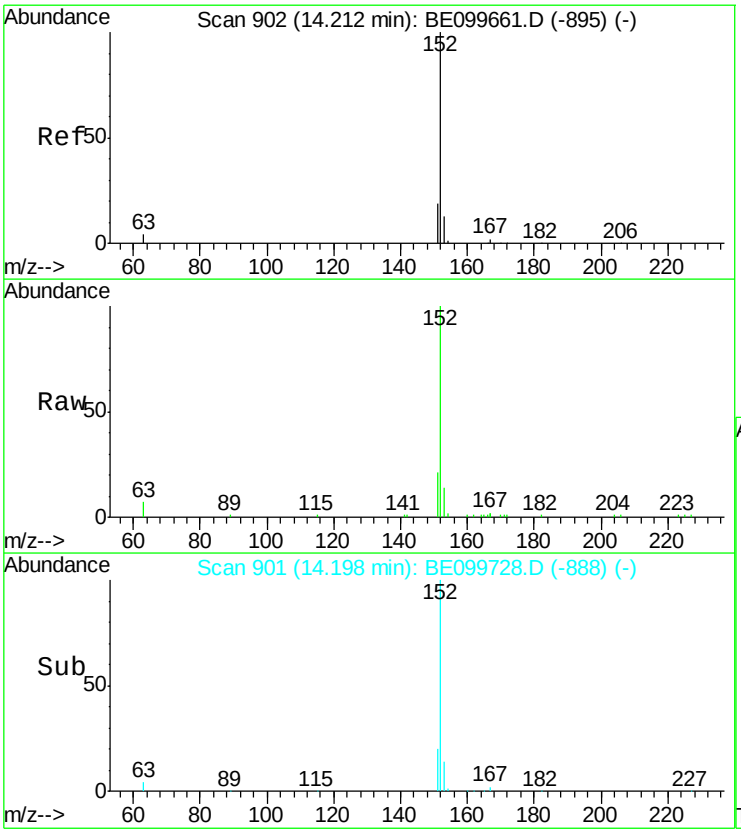
#15
2-Fluorobiphenyl
Concen: 0.372 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.00 min
Lab File: BE099728.D
Acq: 22 May 2019 19:57

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 8279

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.7	43.1
170	24.2	20.9	31.3

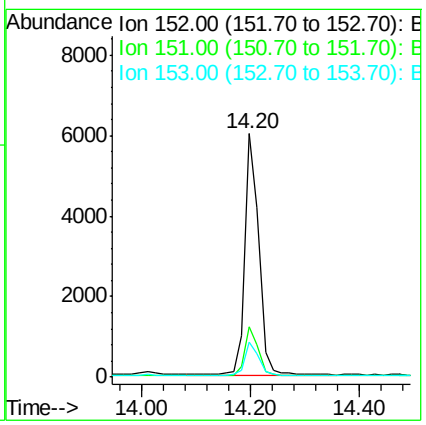


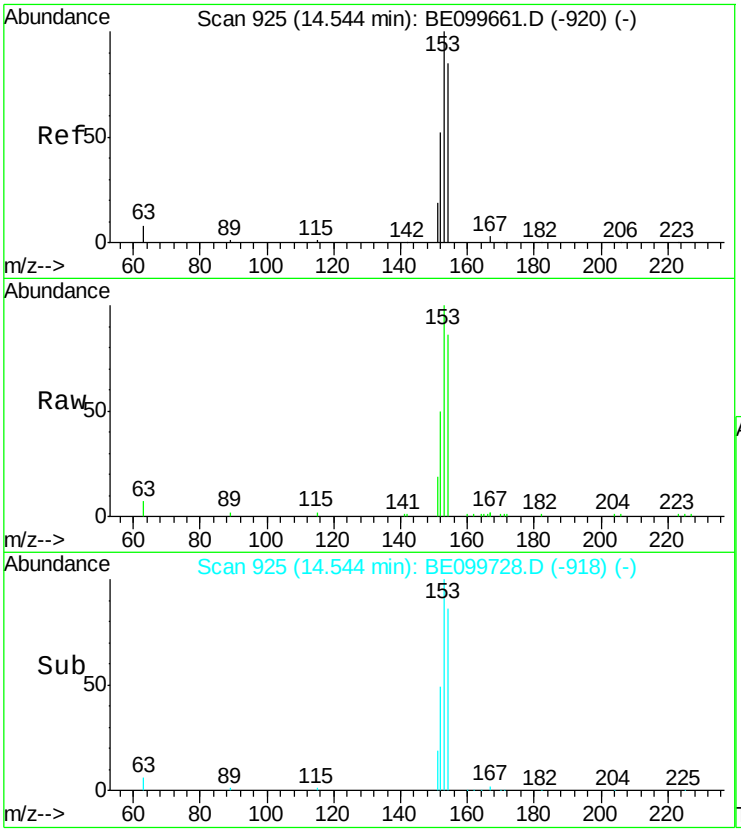


#16
Acenaphthylene
Concen: 0.387 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.01 min
Lab File: BE099728.D
Acq: 22 May 2019 19:57

Tgt Ion:152 Resp: 10558

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.9	23.9
153	13.0	10.6	16.0



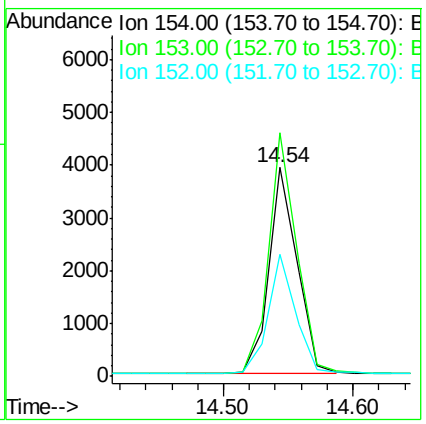


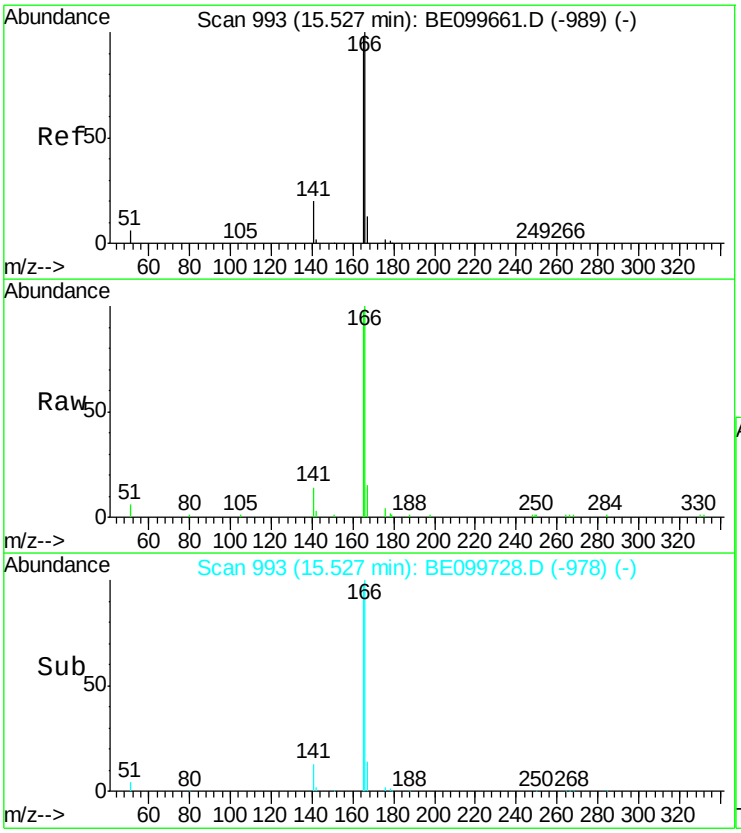
#17
Acenaphthene
Concen: 0.385 ng
RT: 14.54 min Scan# 925
Delta R.T. 0.00 min
Lab File: BE099728.D
Acq: 22 May 2019 19:57

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 5899

Ion	Ratio	Lower	Upper
154	100		
153	115.5	91.8	137.6
152	56.7	46.0	69.0

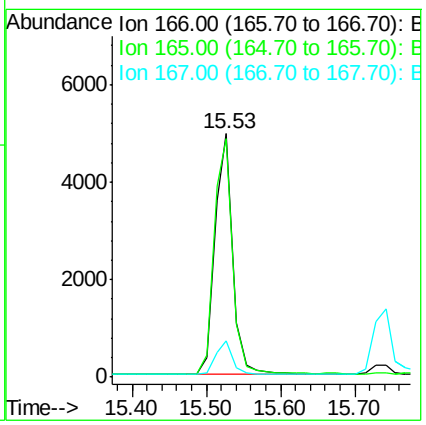


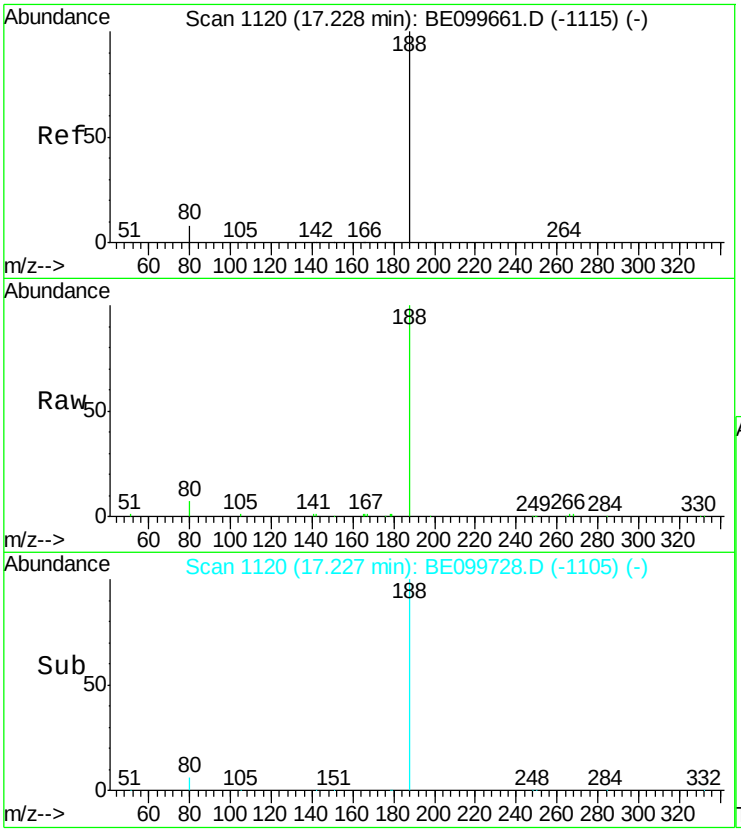


#18
Fluorene
Concen: 0.367 ng
RT: 15.53 min Scan# 993
Delta R.T. -0.00 min
Lab File: BE099728.D
Acq: 22 May 2019 19:57

Tgt Ion:166 Resp: 8291

Ion	Ratio	Lower	Upper
166	100		
165	102.1	80.3	120.5
167	13.6	10.6	16.0



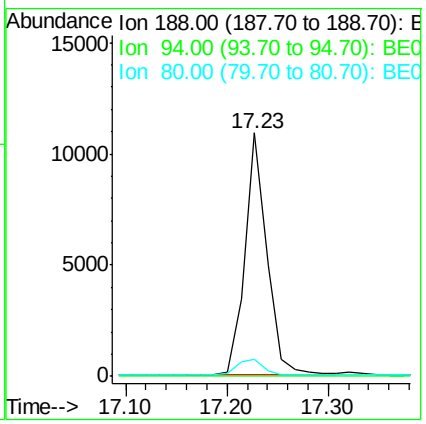


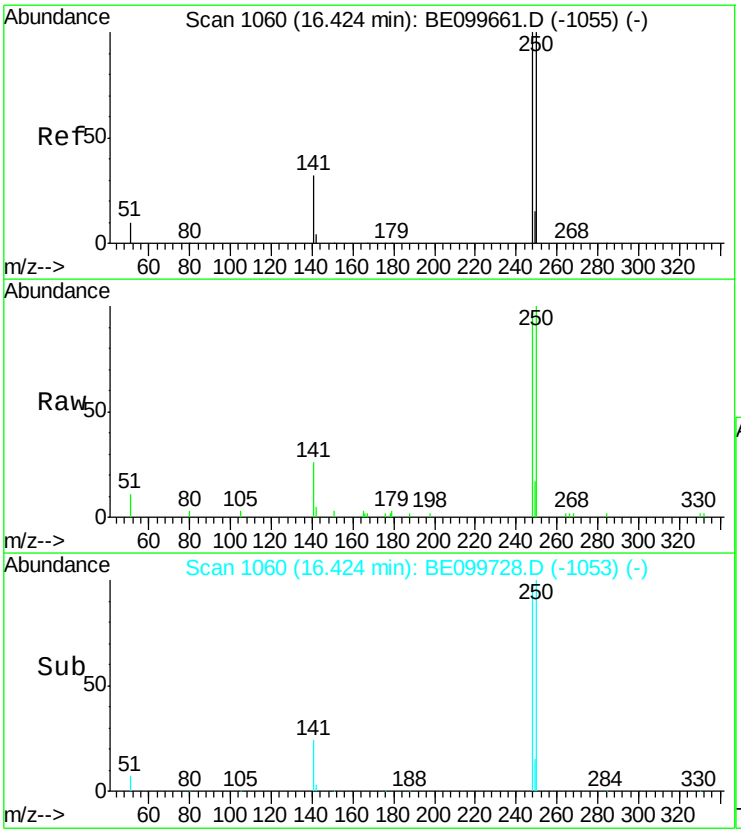
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BE099728.D
Acq: 22 May 2019 19:57

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 16564

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.0	6.7	10.1

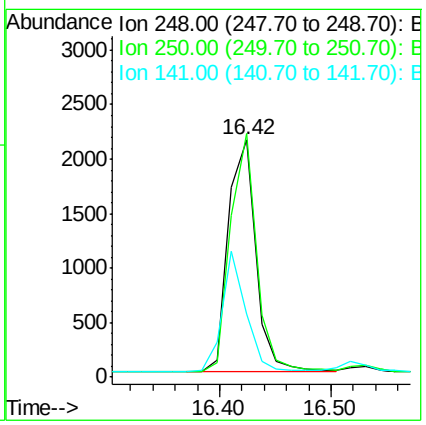


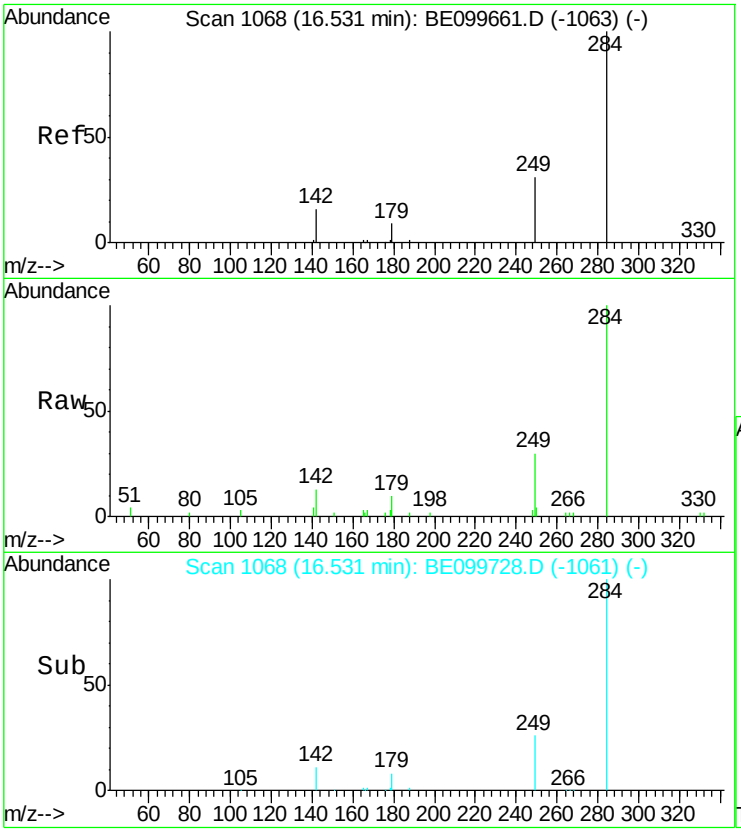


#20
4-Bromophenyl-phenylether
Concen: 0.387 ng
RT: 16.42 min Scan# 1060
Delta R.T. -0.00 min
Lab File: BE099728.D
Acq: 22 May 2019 19:57

Tgt Ion:248 Resp: 3700

Ion	Ratio	Lower	Upper
248	100		
250	102.6	79.8	119.8
141	26.4	27.0	40.6#



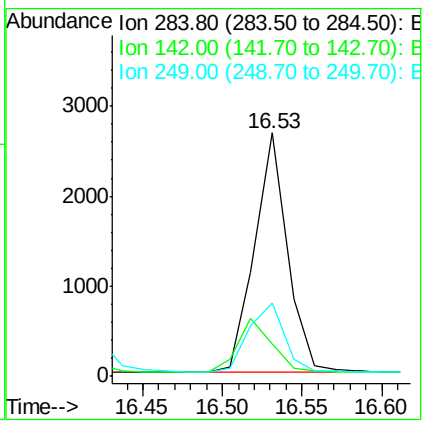


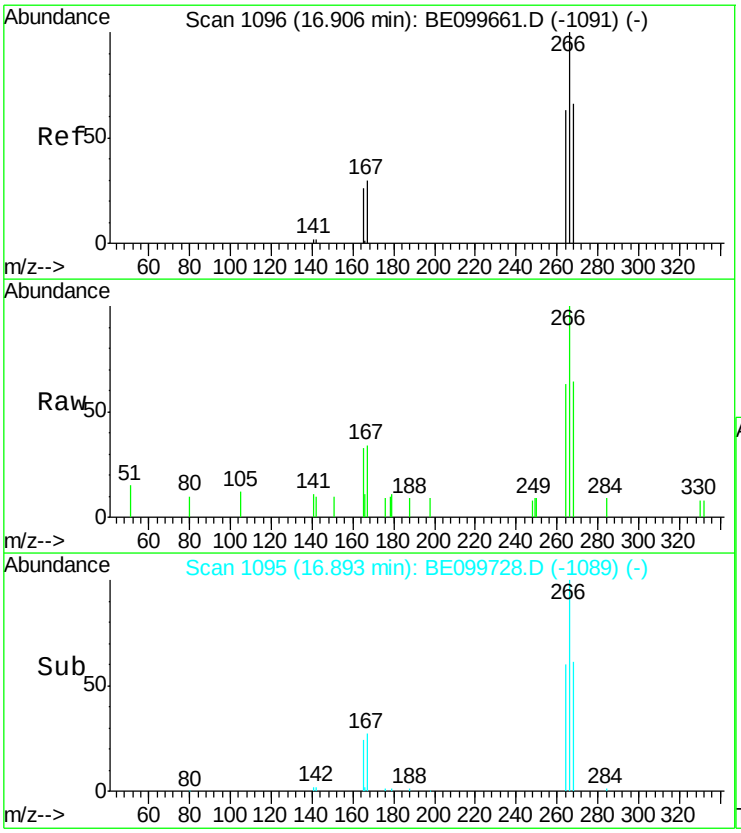
#21
Hexachlorobenzene
Concen: 0.389 ng
RT: 16.53 min Scan# 1068
Delta R.T. -0.00 min
Lab File: BE099728.D
Acq: 22 May 2019 19:57

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 3802

Ion	Ratio	Lower	Upper
284	100		
142	22.7	17.8	26.6
249	30.8	24.8	37.2

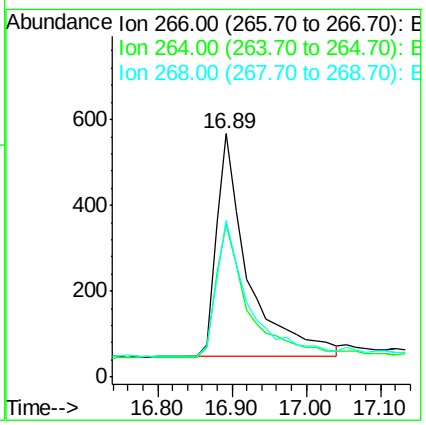


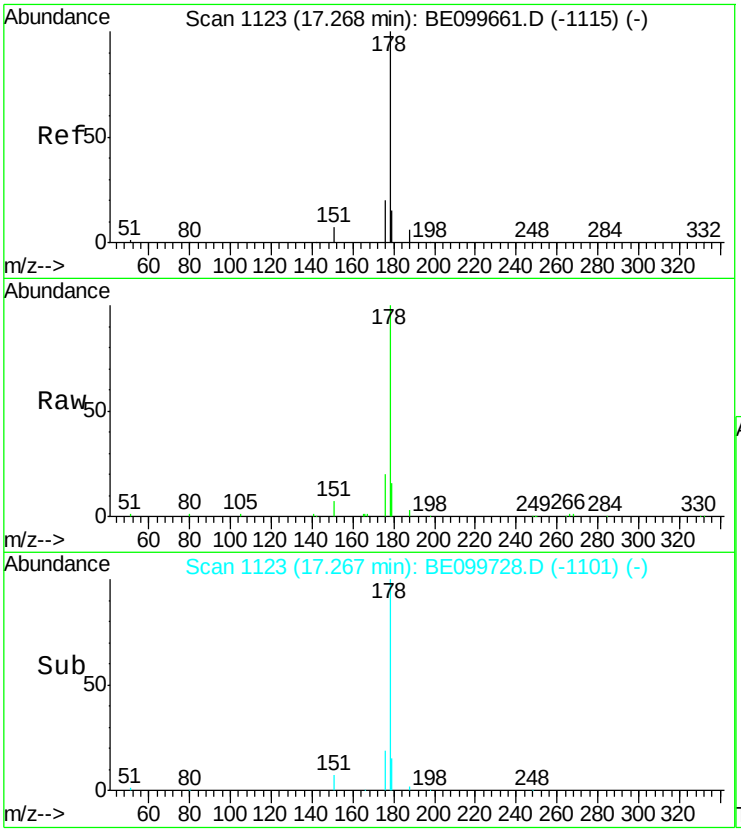


#22
Pentachlorophenol
Concen: 0.676 ng
RT: 16.89 min Scan# 1095
Delta R.T. -0.01 min
Lab File: BE099728.D
Acq: 22 May 2019 19:57

Tgt Ion:266 Resp: 1544

Ion	Ratio	Lower	Upper
266	100		
264	63.0	57.2	85.8
268	64.4	60.5	90.7



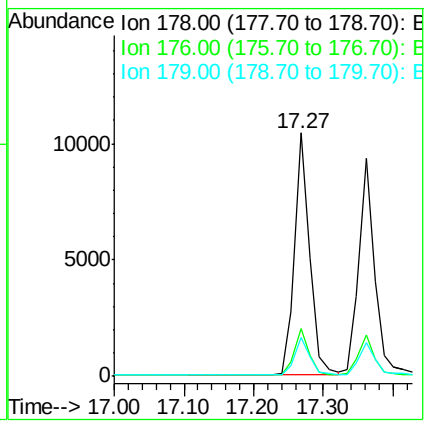


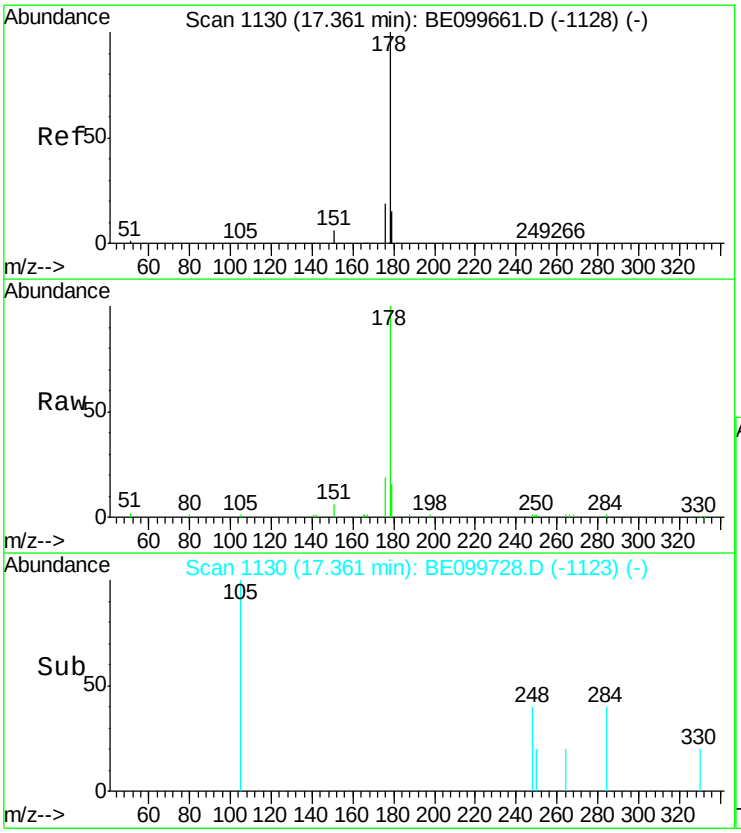
#23
Phenanthrene
Concen: 0.387 ng
RT: 17.27 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BE099728.D
Acq: 22 May 2019 19:57

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 15653

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.6	23.4
179	15.7	12.2	18.4

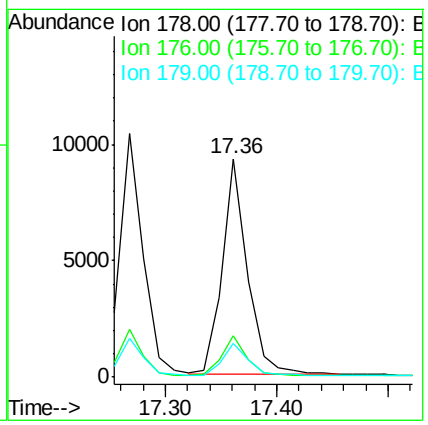


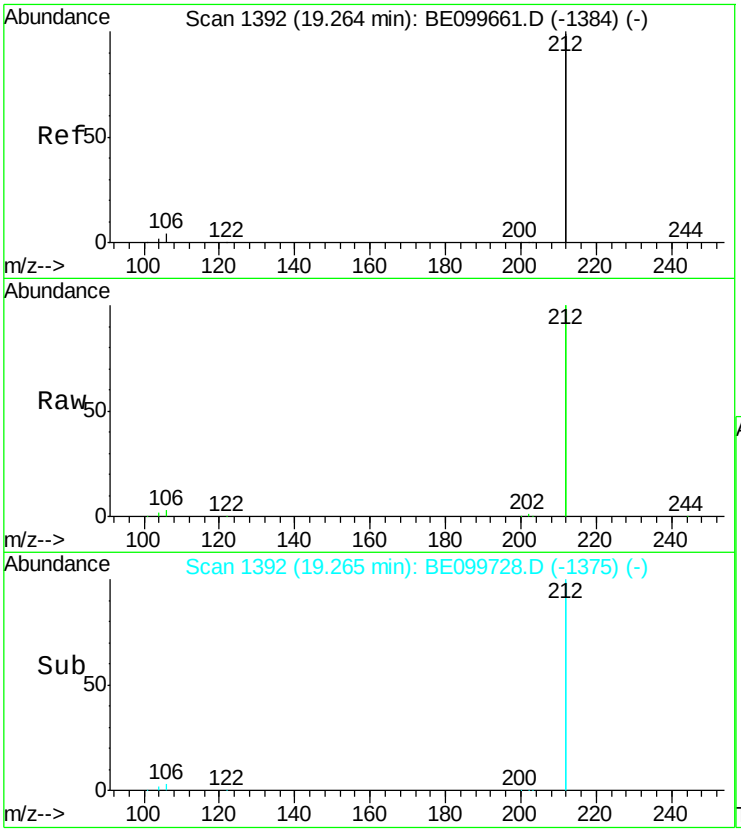


#24
Anthracene
Concen: 0.389 ng
RT: 17.36 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BE099728.D
Acq: 22 May 2019 19:57

Tgt Ion:178 Resp: 14295

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.7	22.1
179	15.5	12.0	18.0



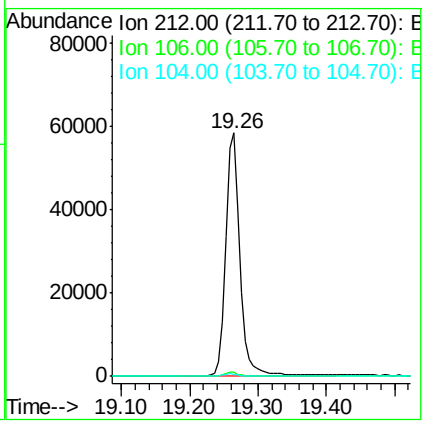


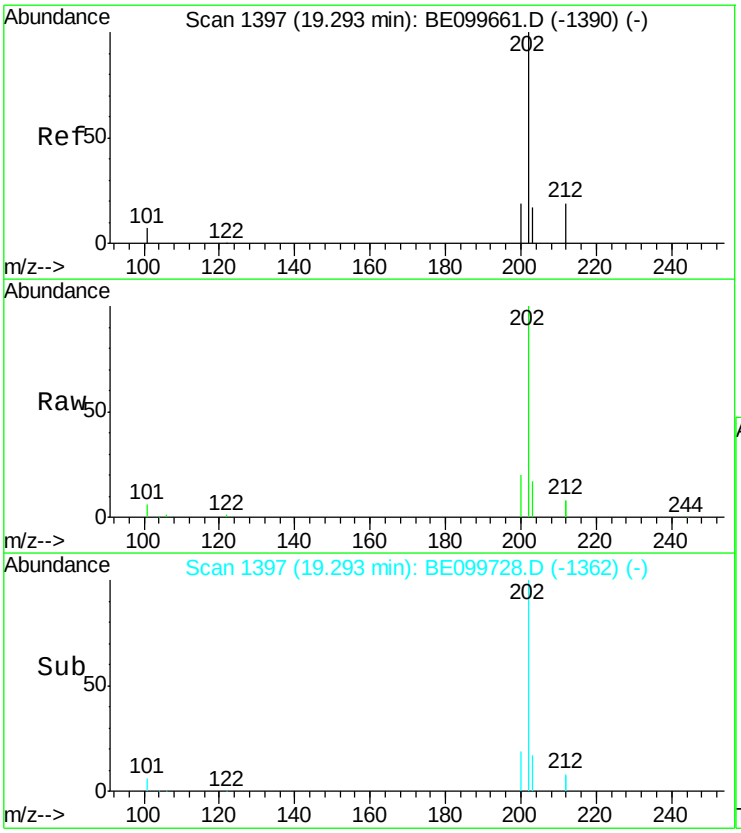
#25
Fluoranthene-d10
Concen: 0.375 ng
RT: 19.26 min Scan# 1392
Delta R.T. 0.00 min
Lab File: BE099728.D
Acq: 22 May 2019 19:57

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 84785

Ion	Ratio	Lower	Upper
212	100		
106	1.7	1.4	2.2
104	1.0	0.8	1.2

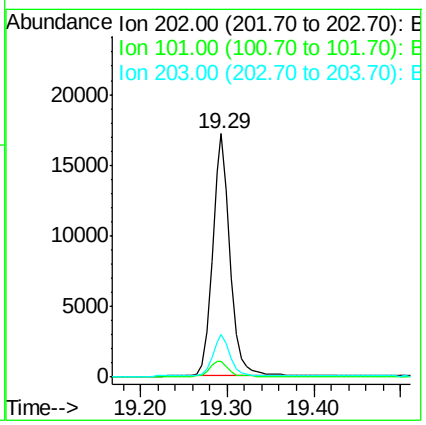


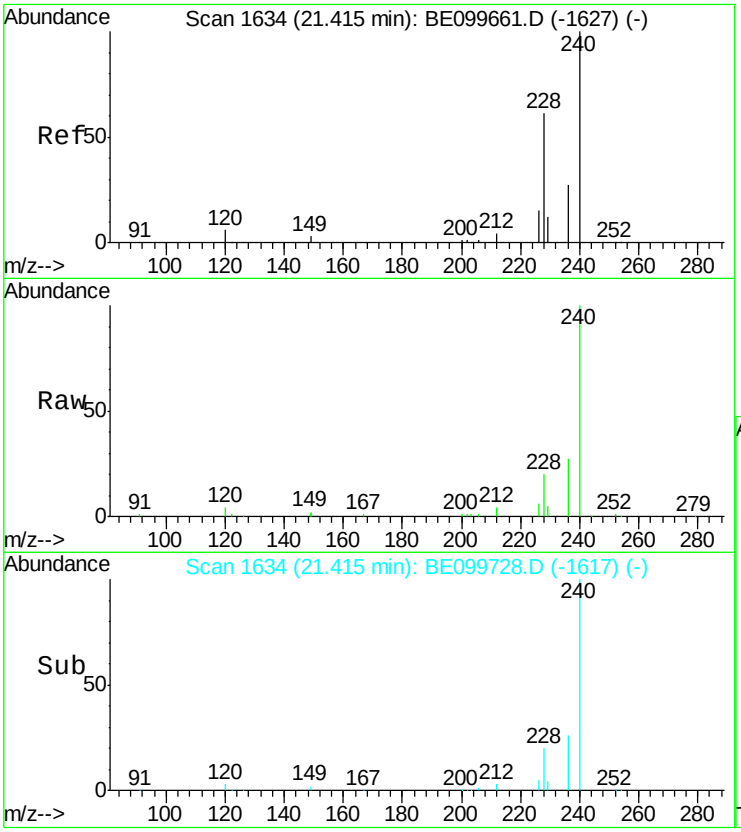


#26
Fluoranthene
Concen: 0.381 ng
RT: 19.29 min Scan# 1397
Delta R.T. 0.00 min
Lab File: BE099728.D
Acq: 22 May 2019 19:57

Tgt Ion:202 Resp: 24376

Ion	Ratio	Lower	Upper
202	100		
101	6.6	5.2	7.8
203	16.8	13.8	20.6



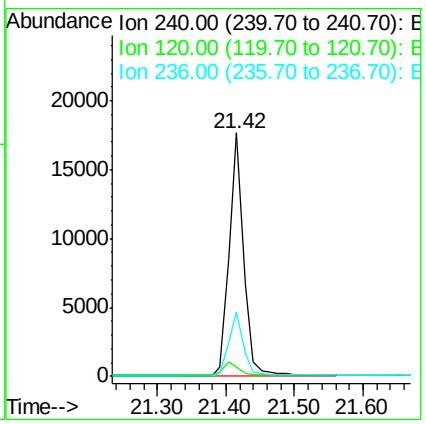


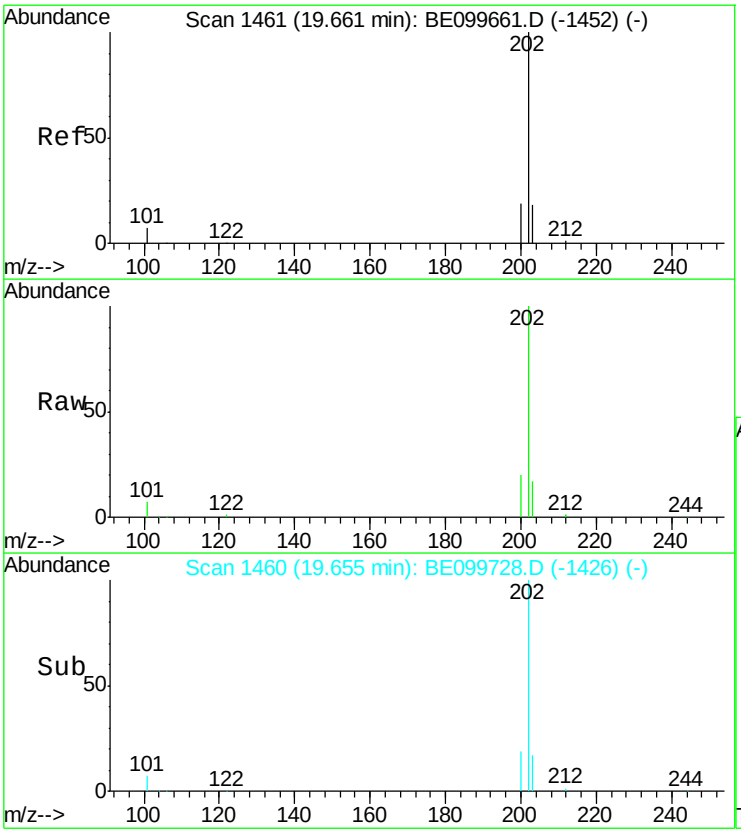
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.42 min Scan# 1634
Delta R.T. 0.00 min
Lab File: BE099728.D
Acq: 22 May 2019 19:57

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 25785

Ion	Ratio	Lower	Upper
240	100		
120	3.8	5.4	8.0#
236	26.7	21.7	32.5

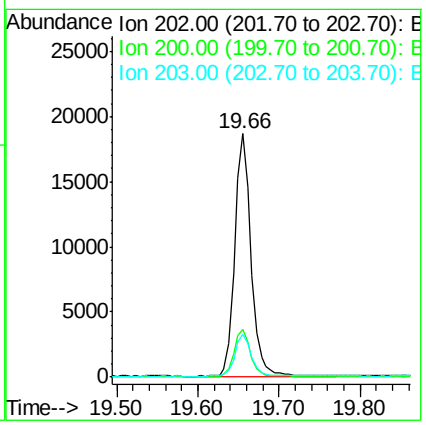


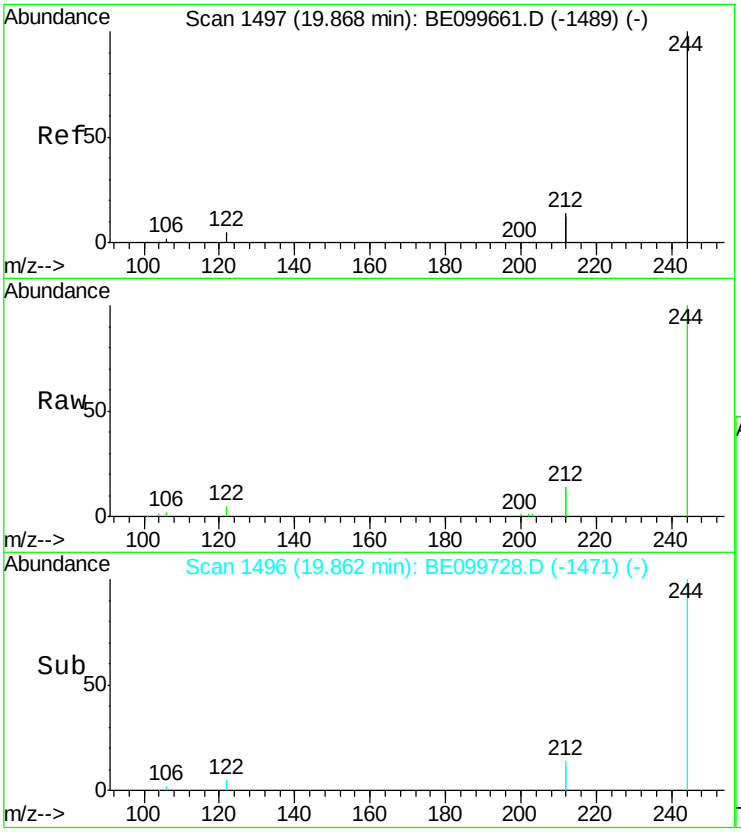


#28
Pyrene
Concen: 0.396 ng
RT: 19.66 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BE099728.D
Acq: 22 May 2019 19:57

Tgt Ion:202 Resp: 25666

Ion	Ratio	Lower	Upper
202	100		
200	19.6	15.4	23.2
203	17.4	13.8	20.8



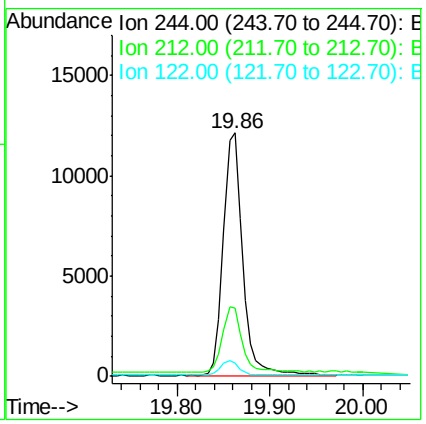


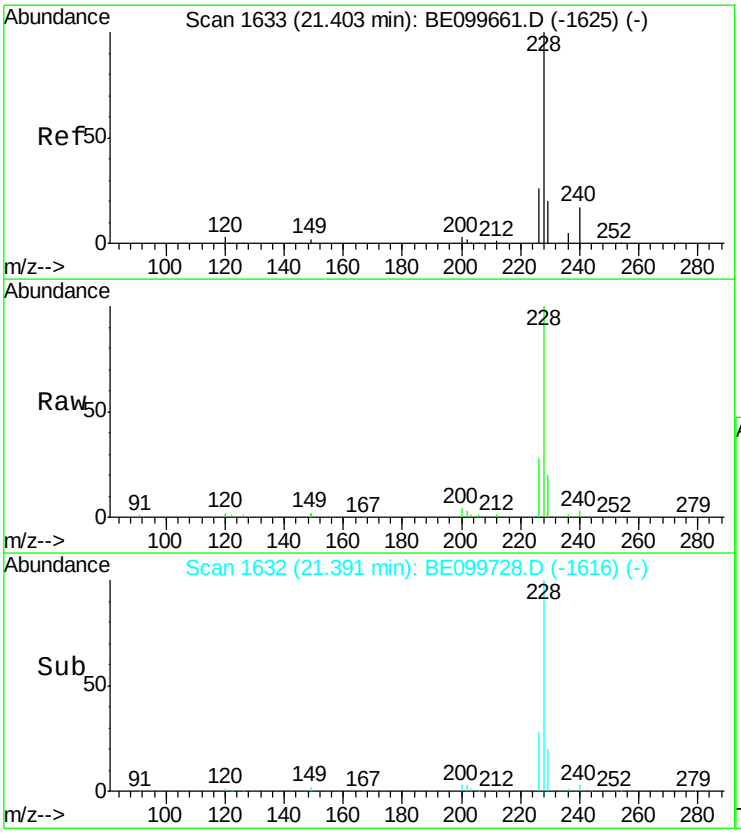
#29
Terphenyl-d14
Concen: 0.381 ng
RT: 19.86 min Scan# 1496
Delta R.T. -0.01 min
Lab File: BE099728.D
Acq: 22 May 2019 19:57

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 17524

Ion	Ratio	Lower	Upper
244	100		
212	28.0	22.5	33.7
122	5.3	4.3	6.5

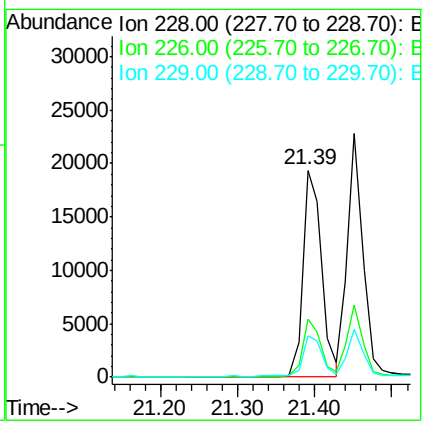


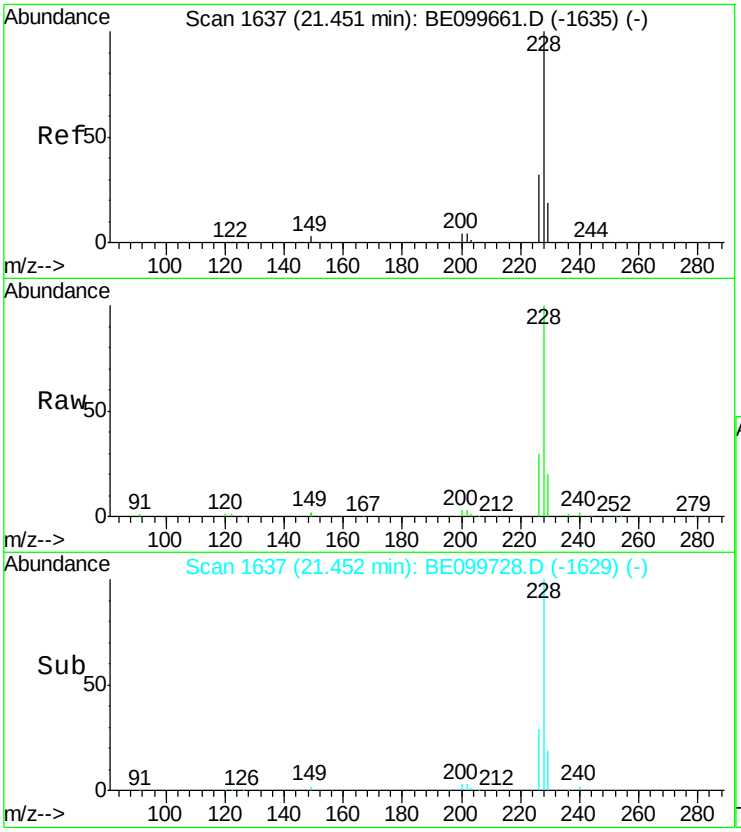


#30
Benzo(a)anthracene
Concen: 0.434 ng
RT: 21.39 min Scan# 1632
Delta R.T. -0.01 min
Lab File: BE099728.D
Acq: 22 May 2019 19:57

Tgt Ion:228 Resp: 31788

Ion	Ratio	Lower	Upper
228	100		
226	27.9	21.3	31.9
229	20.0	16.1	24.1



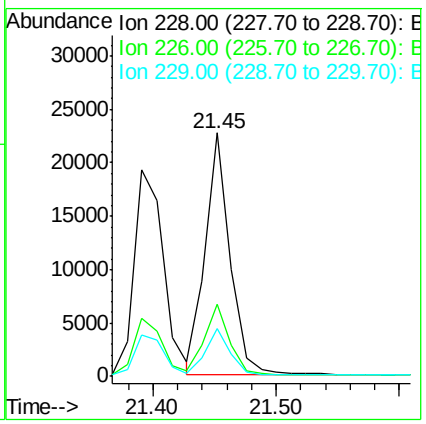


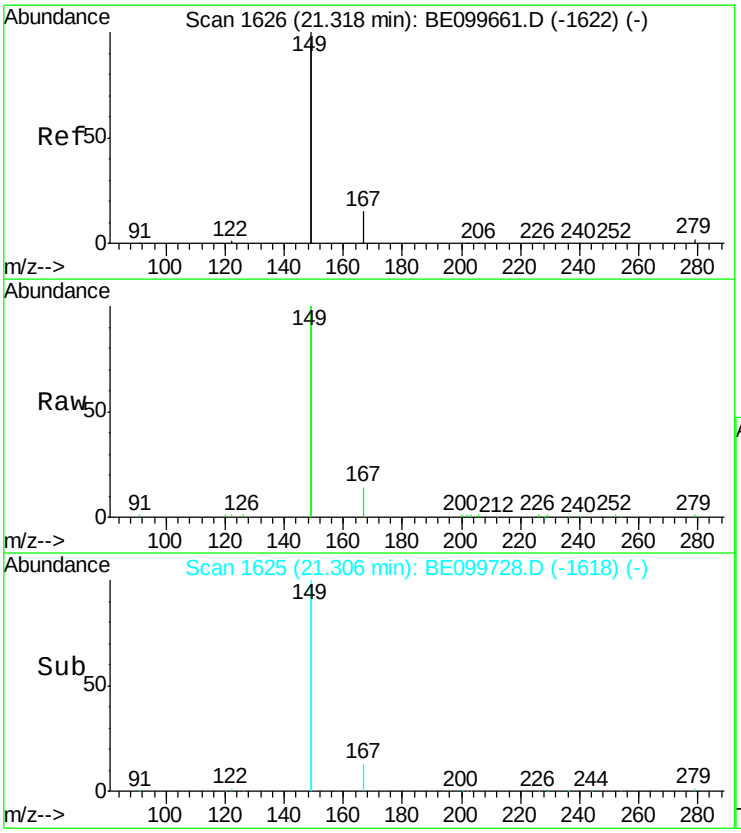
#31
Chrysene
Concen: 0.402 ng
RT: 21.45 min Scan# 1637
Delta R.T. 0.00 min
Lab File: BE099728.D
Acq: 22 May 2019 19:57

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 31471

Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.7	37.1
229	19.9	15.8	23.6

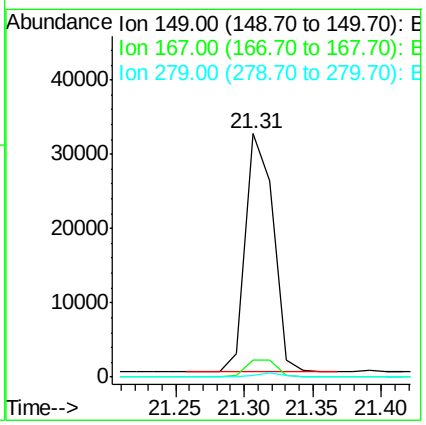


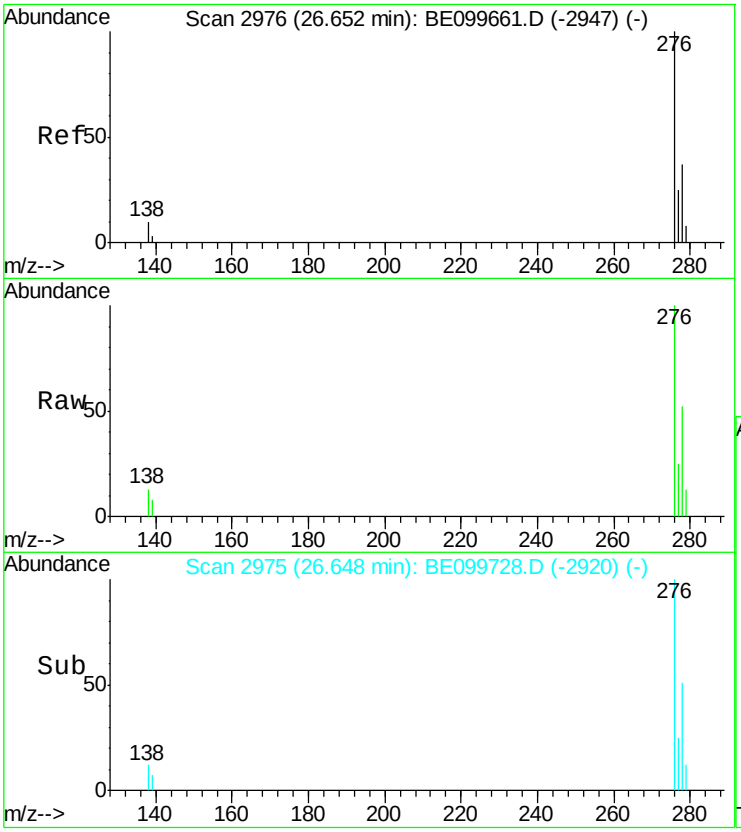


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.536 ng
RT: 21.31 min Scan# 1625
Delta R.T. -0.01 min
Lab File: BE099728.D
Acq: 22 May 2019 19:57

Tgt Ion:149 Resp: 45289

Ion	Ratio	Lower	Upper
149	100		
167	7.6	6.2	9.4
279	1.6	1.2	1.8



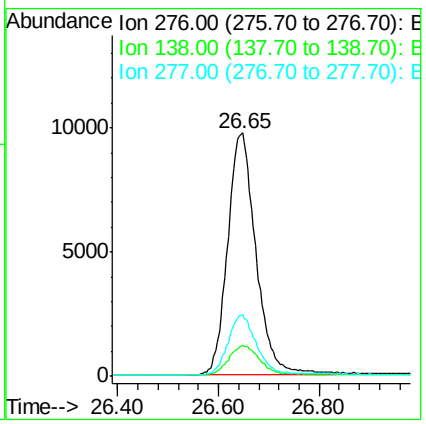


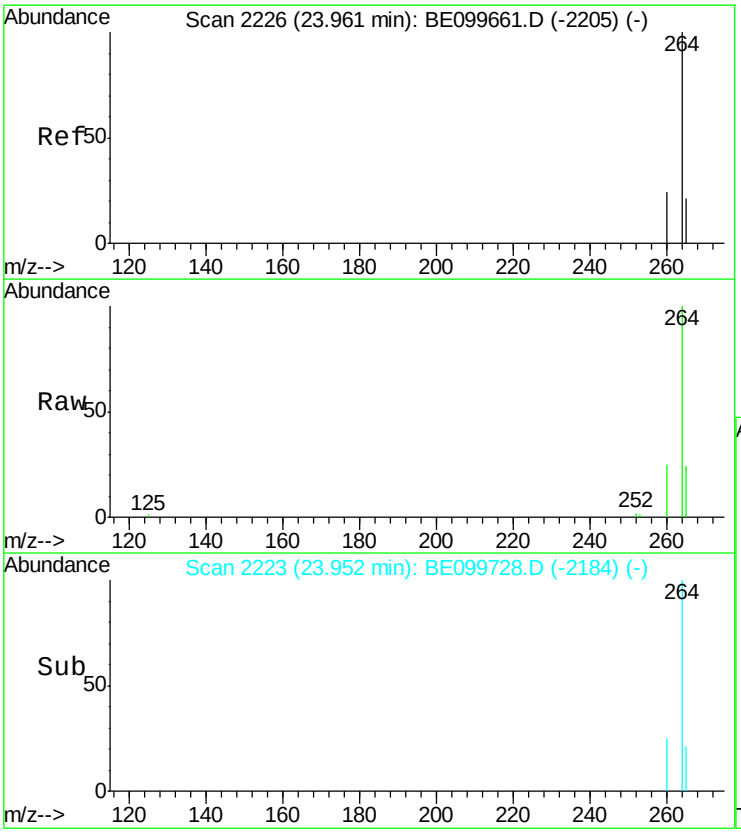
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.401 ng
RT: 26.65 min Scan# 2975
Delta R.T. -0.00 min
Lab File: BE099728.D
Acq: 22 May 2019 19:57

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 37913

Ion	Ratio	Lower	Upper
276	100		
138	12.9	9.6	14.4
277	24.5	19.2	28.8

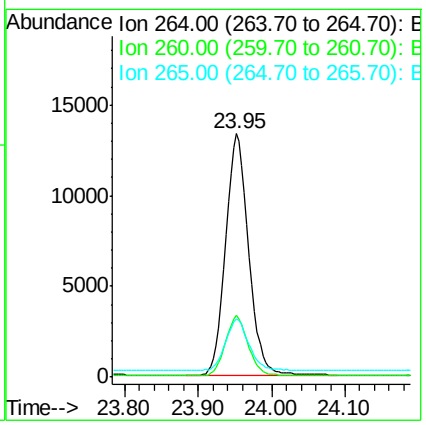


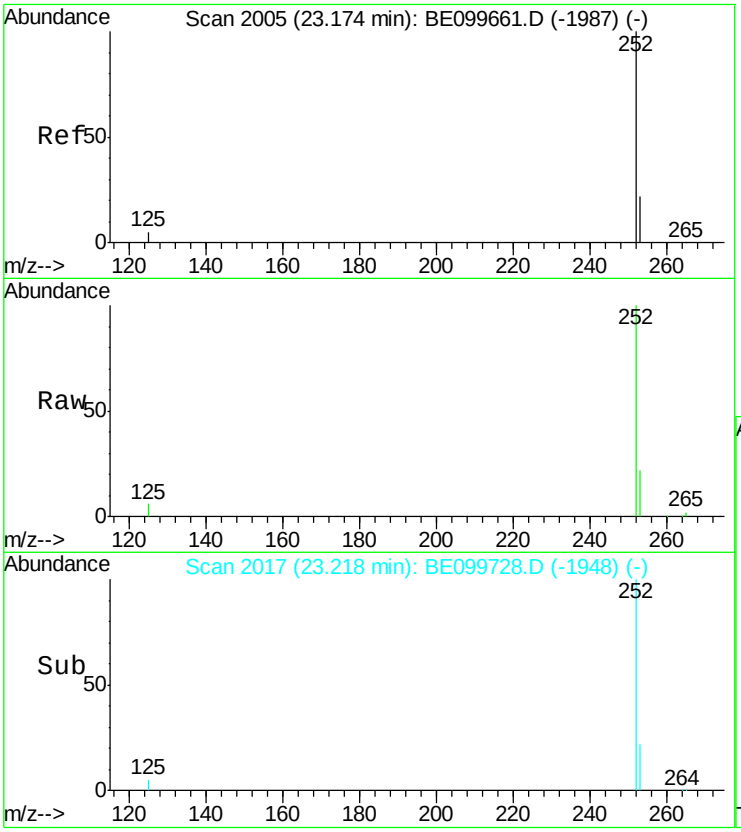


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.95 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BE099728.D
Acq: 22 May 2019 19:57

Tgt Ion:264 Resp: 29645

Ion	Ratio	Lower	Upper
264	100		
260	25.5	19.6	29.4
265	23.8	19.1	28.7



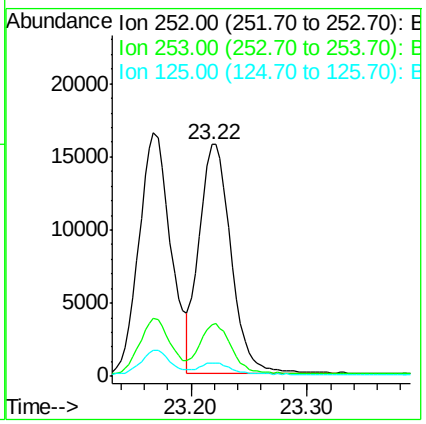


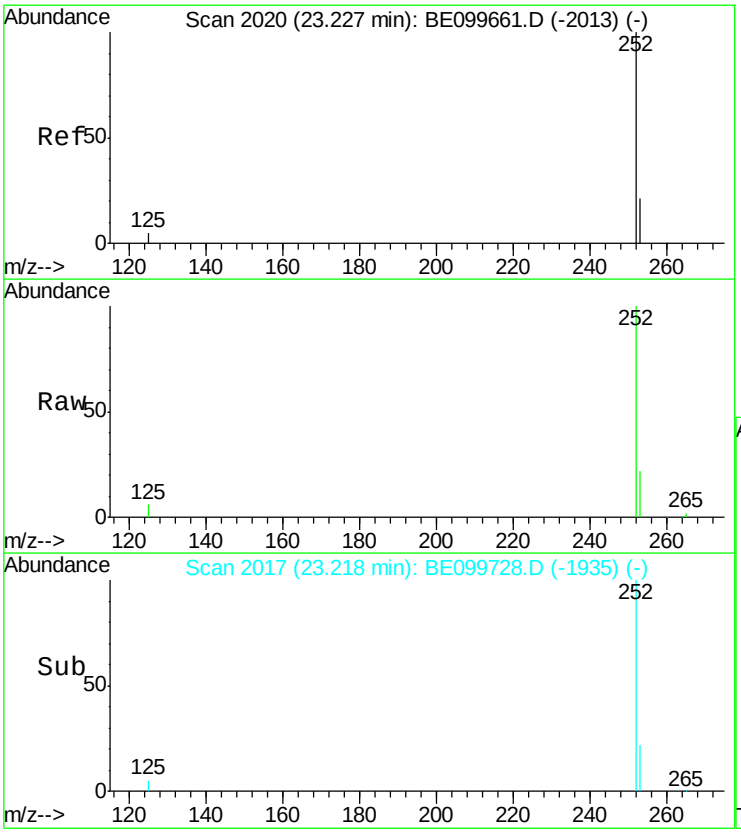
#35
Benzo(b)fluoranthene
Concen: 0.369 ng
RT: 23.22 min Scan# 2017
Delta R.T. 0.04 min
Lab File: BE099728.D
Acq: 22 May 2019 19:57

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 29941

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.4
125	5.8	4.5	6.7

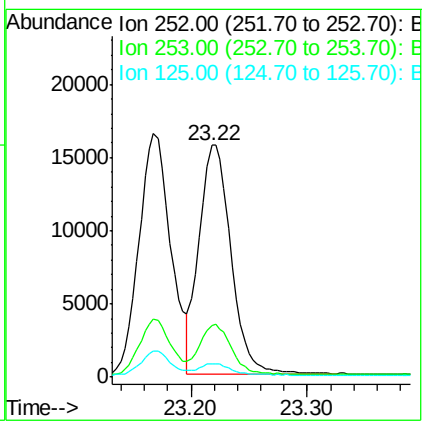


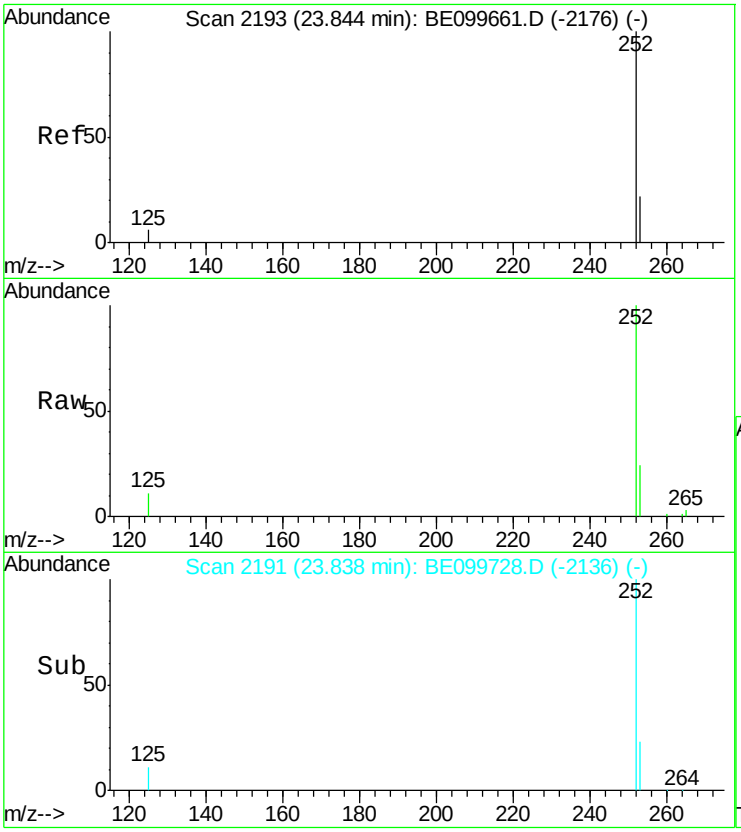


#36
Benzo(k)fluoranthene
Concen: 0.354 ng
RT: 23.22 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BE099728.D
Acq: 22 May 2019 19:57

Tgt Ion:252 Resp: 29941

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.8
125	5.8	4.6	6.8



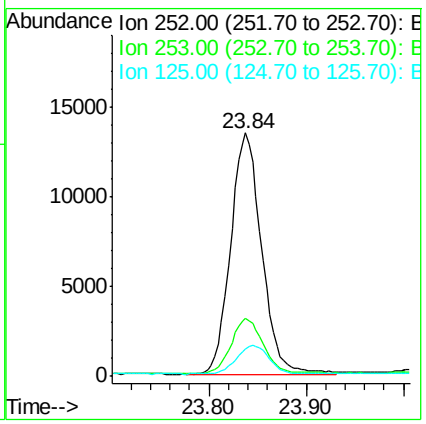


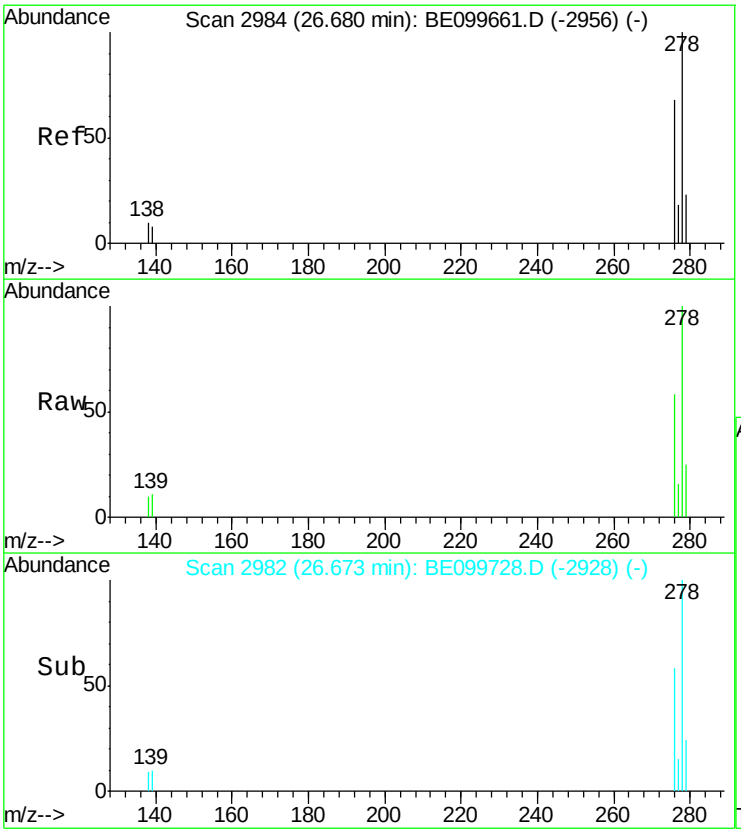
#37
Benzo(a)pyrene
Concen: 0.383 ng
RT: 23.84 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BE099728.D
Acq: 22 May 2019 19:57

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 29941

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.9	28.3
125	11.4	5.4	8.0#

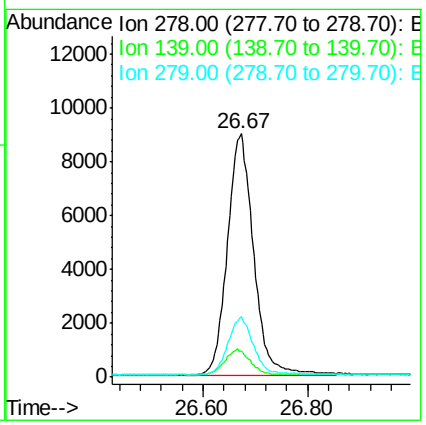


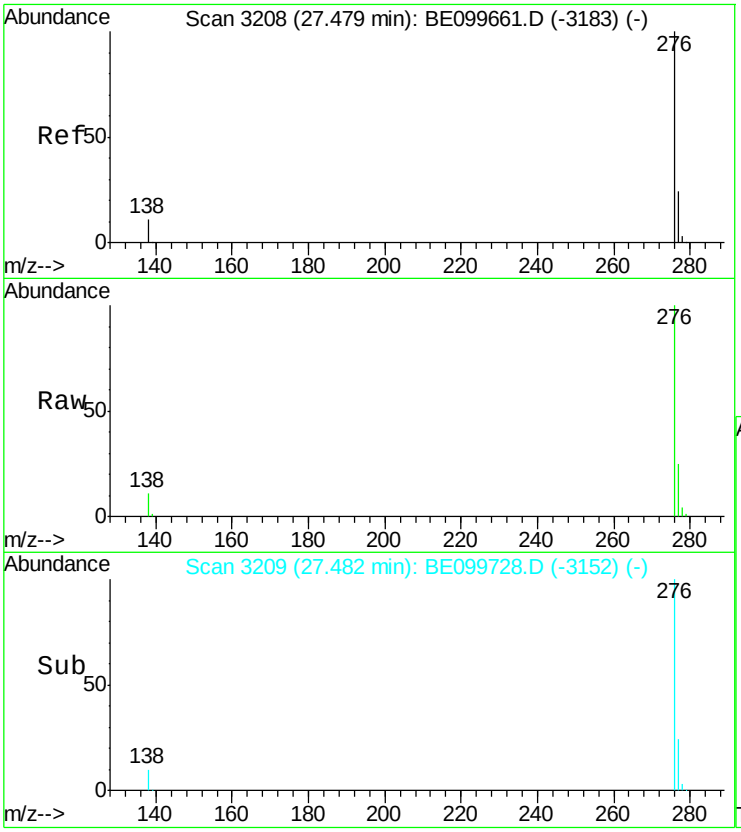


#38
Dibenzo(a,h)anthracene
Concen: 0.381 ng
RT: 26.67 min Scan# 2982
Delta R.T. -0.01 min
Lab File: BE099728.D
Acq: 22 May 2019 19:57

Tgt Ion:278 Resp: 31281

Ion	Ratio	Lower	Upper
278	100		
139	10.8	6.9	10.3#
279	25.0	19.2	28.8





#39
Benzo(g,h,i)perylene
Concen: 0.368 ng
RT: 27.48 min Scan# 3209
Delta R.T. 0.00 min
Lab File: BE099728.D
Acq: 22 May 2019 19:57

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 30533

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.8	29.6
138	10.7	9.2	13.8