Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE041819\
Data File : BE099338.D
Acq On : 18 Apr 2019 15:34
Operator : JU/SJ
Sample : PB118927BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB118927BS

Quant Time: Apr 19 07:02:24 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	7.82	152	3768	0.40	ng		0.00
7) Naphthalene-d8	10.61	136	14316	0.40	ng		0.01
13) Acenaphthene-d10	14.46	164	9926	0.40	ng		0.00
19) Phenanthrene-d10	17.19	188	29472	0.40	ng		0.00
27) Chrysene-d12	21.37	240	34795	0.40	ng		0.00
34) Perylene-d12	23.86	264	33606	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.39	112	3722	0.40	ng		0.00
5) Phenol-d6	6.98	99	5319	0.40	ng		0.00
8) Nitrobenzene-d5	8.96	82	4487	0.40	ng		0.00
11) 2-Methylnaphthalene-d10	12.21	152	10389	0.41	ng		0.01
14) 2,4,6-Tribromophenol	15.94	330	1339	0.41	ng		0.00
15) 2-Fluorobiphenyl	13.09	172	16210	0.42	ng		0.00
25) Fluoranthene-d10	19.22	212	137837	0.39	ng		0.00
29) Terphenyl-d14	19.82	244	27787	0.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.31	88	2241	0.425	ng		94
3) n-Nitrosodimethylamine	3.65	42	949	0.334	ng	#	1
6) bis(2-Chloroethyl)ether	7.24	93	4928	0.402	ng		99
9) Naphthalene	10.65	128	64542	0.413	ng		100
10) Hexachlorobutadiene	10.94	225	4152	0.419	ng		98
12) 2-Methylnaphthalene	12.28	142	10806	0.407	ng		95
16) Acenaphthylene	14.18	152	17589	0.392	ng		99
17) Acenaphthene	14.53	154	11526	0.417	ng		96
18) Fluorene	15.49	166	16201	0.408	ng		100
20) 4-Bromophenyl-phenylether	16.39	248	6565	0.402	ng	#	94
21) Hexachlorobenzene	16.49	284	6378	0.406	ng		97
22) Pentachlorophenol	16.84	266	3554	0.781	ng		99
23) Phenanthrene	17.23	178	31510	0.404	ng		99
24) Anthracene	17.32	178	27665	0.398	ng		98
26) Fluoranthene	19.25	202	41161	0.394	ng		100
28) Pyrene	19.61	202	41606	0.406	ng		99
30) Benzo(a)anthracene	21.34	228	41458	0.405	ng		99
31) Chrysene	21.40	228	43552	0.400	ng		100
32) Bis(2-ethylhexyl)phthalate	21.27	149	32920	0.354	ng		100
33) Indeno(1,2,3-cd)pyrene	26.50	276	45566	0.424	ng		100
35) Benzo(b)fluoranthene	23.14	252	40898	0.398	ng		99
36) Benzo(k)fluoranthene	23.14	252	40898	0.399	ng		98
37) Benzo(a)pyrene	23.75	252	36384	0.395	ng	#	96
38) Dibenzo(a,h)anthracene	26.53	278	37561	0.399	ng		98
39) Benzo(g,h,i)perylene	27.31	276	38080	0.399	ng		98

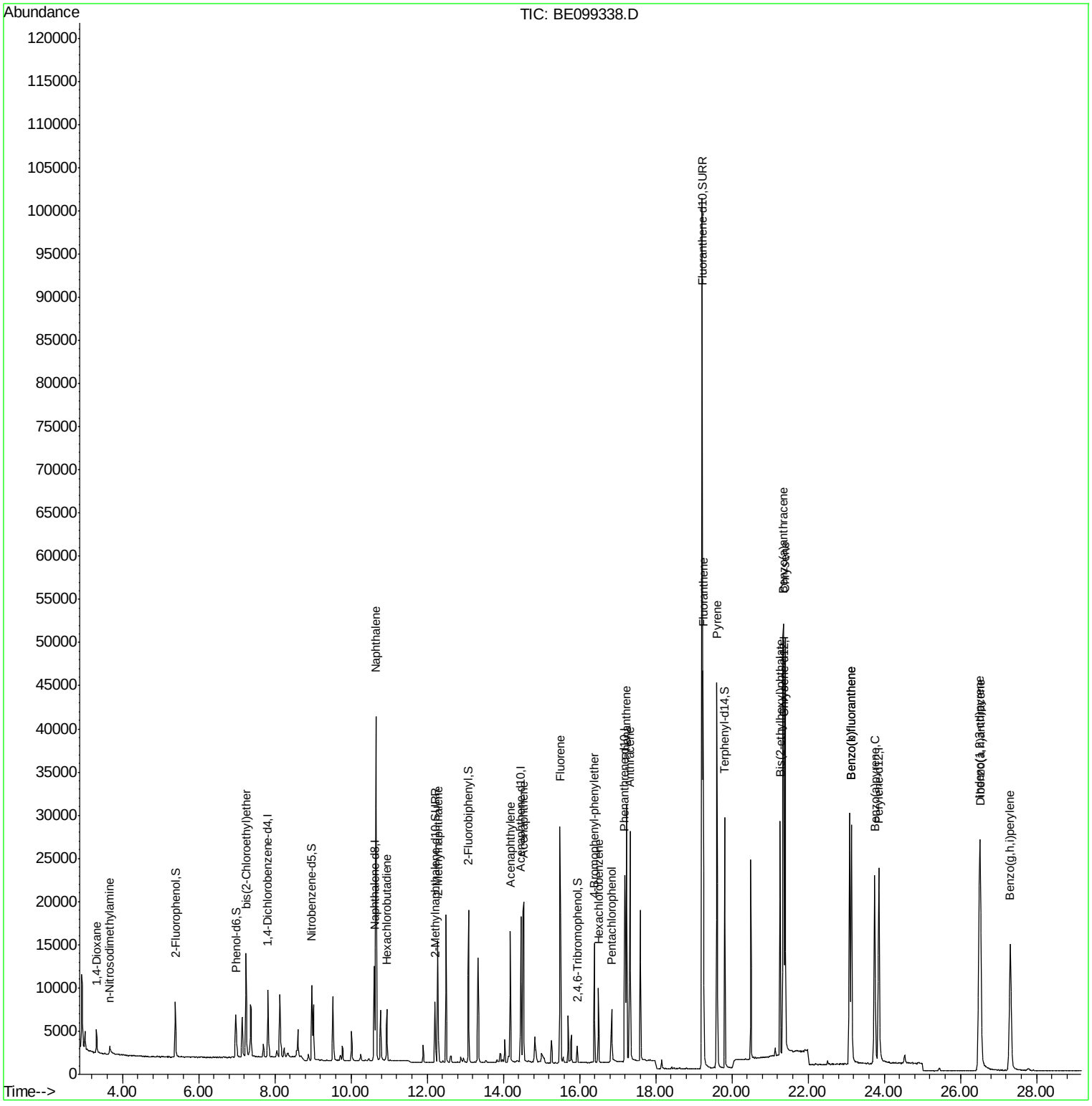
(#) = qualifier out of range (m) = manual integration (+) = signals summed

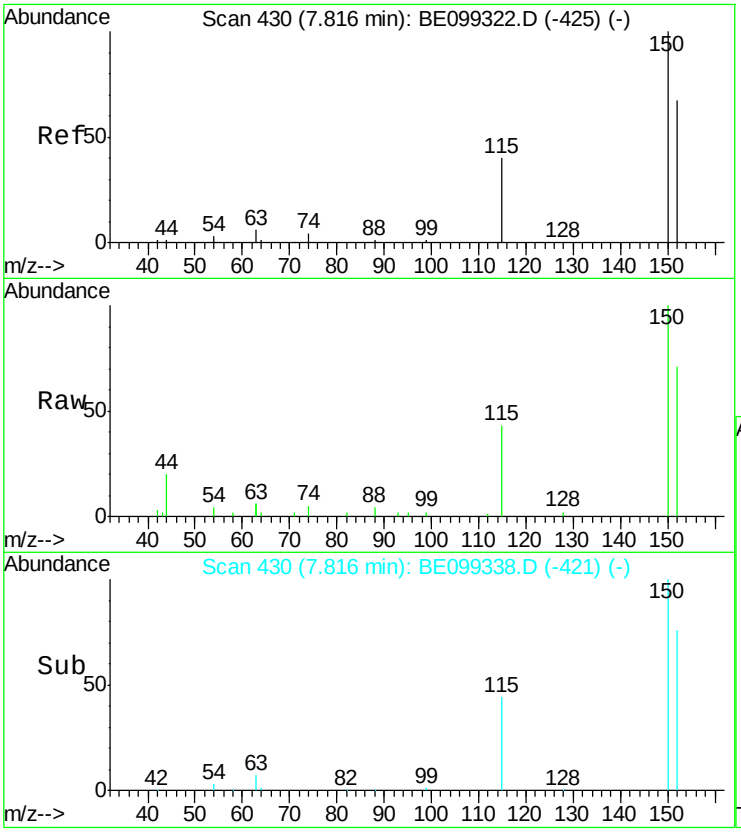
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE041819\
Data File : BE099338.D
Acq On : 18 Apr 2019 15:34
Operator : JU/SJ
Sample : PB118927BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB118927BS

Quant Time: Apr 19 07:02:24 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



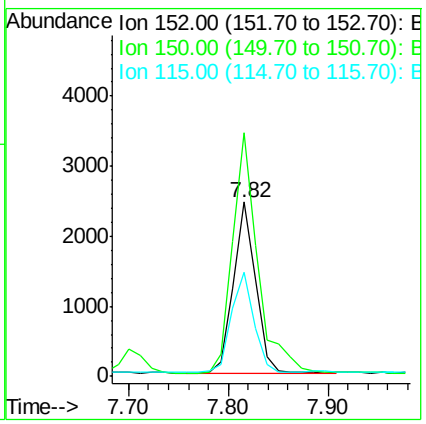


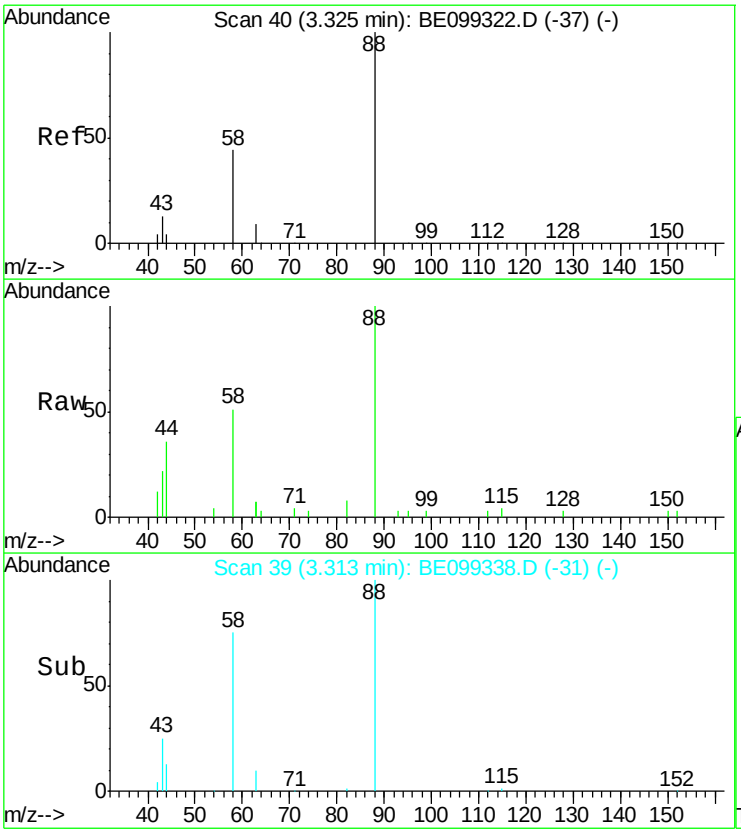
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. -0.00 min
Lab File: BE099338.D
Acq: 18 Apr 2019 15:34

Instrument :
BNA_E
ClientSampleId :
PB118927BS

Tgt Ion:152 Resp: 3768

Ion	Ratio	Lower	Upper
152	100		
150	139.9	119.5	179.3
115	59.6	47.5	71.3

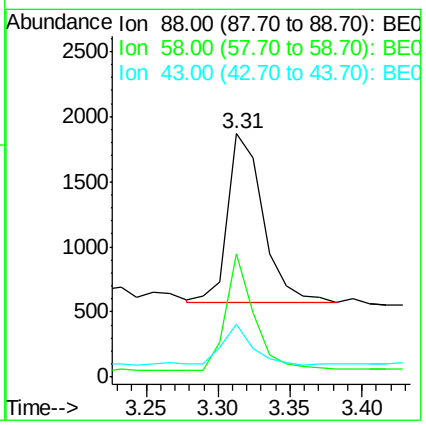


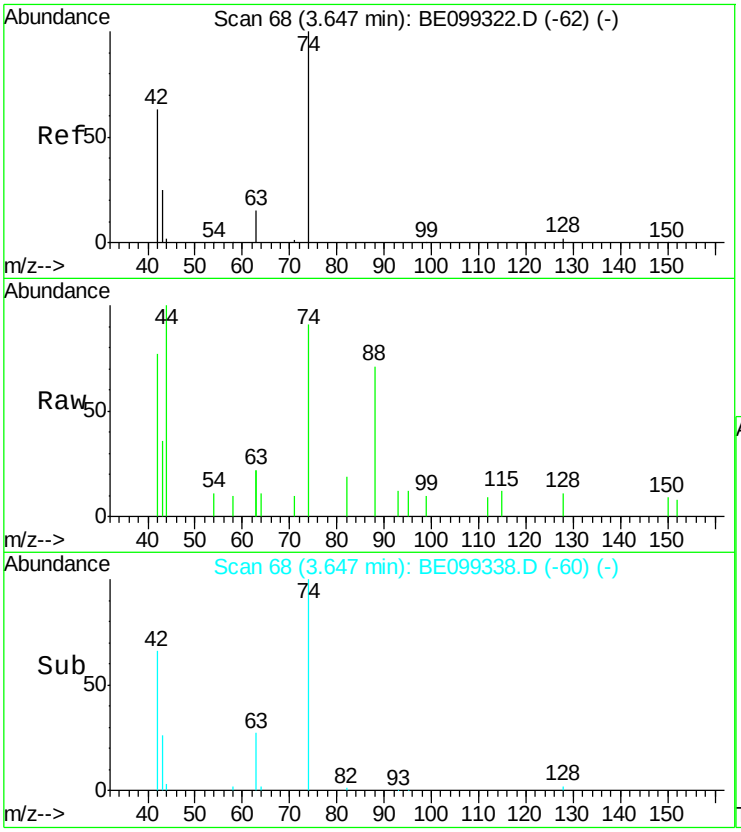


#2
1,4-Dioxane
Concen: 0.425 ng
RT: 3.31 min Scan# 39
Delta R.T. -0.01 min
Lab File: BE099338.D
Acq: 18 Apr 2019 15:34

Tgt Ion: 88 Resp: 2241

Ion	Ratio	Lower	Upper
88	100		
58	55.9	49.1	73.7
43	20.8	17.9	26.9



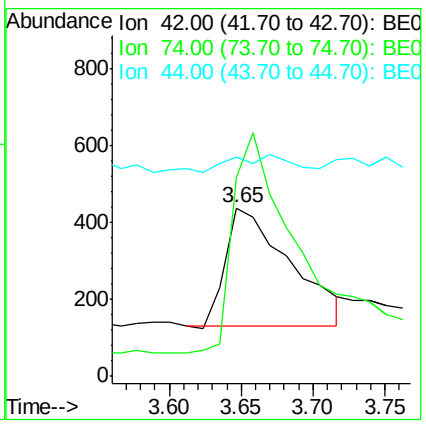


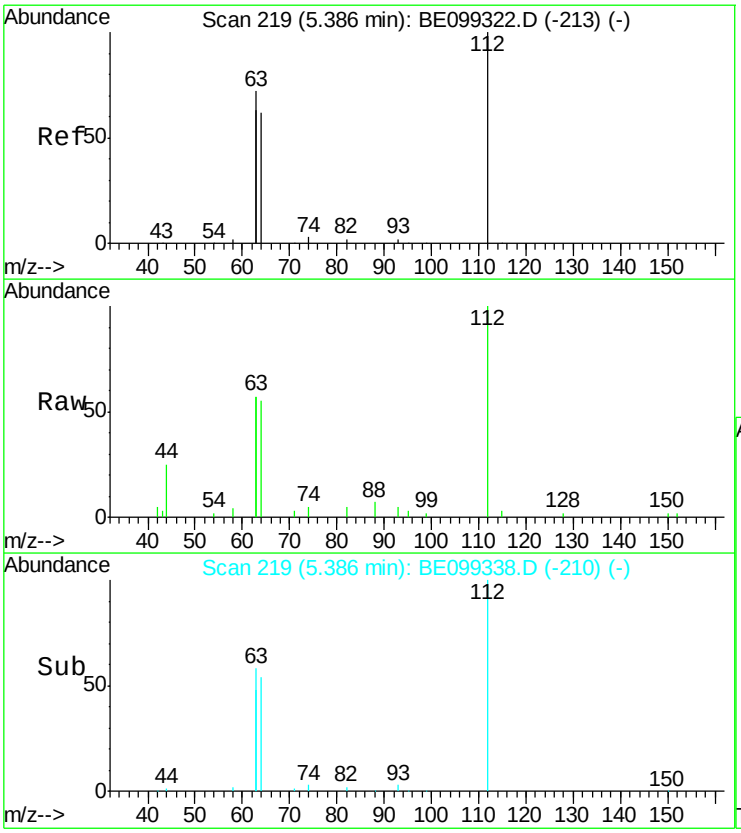
#3
n-Nitrosodimethylamine
Concen: 0.334 ng
RT: 3.65 min Scan# 68
Delta R.T. -0.01 min
Lab File: BE099338.D
Acq: 18 Apr 2019 15:34

Instrument :
BNA_E
ClientSampleId :
PB118927BS

Tgt Ion: 42 Resp: 949

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

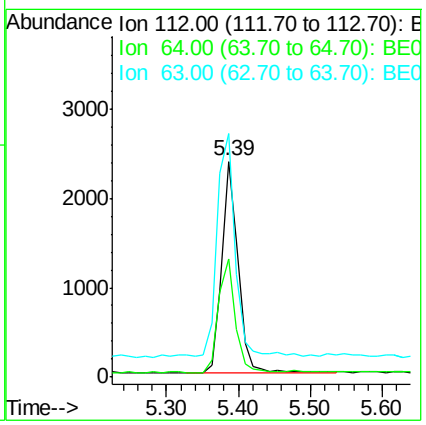


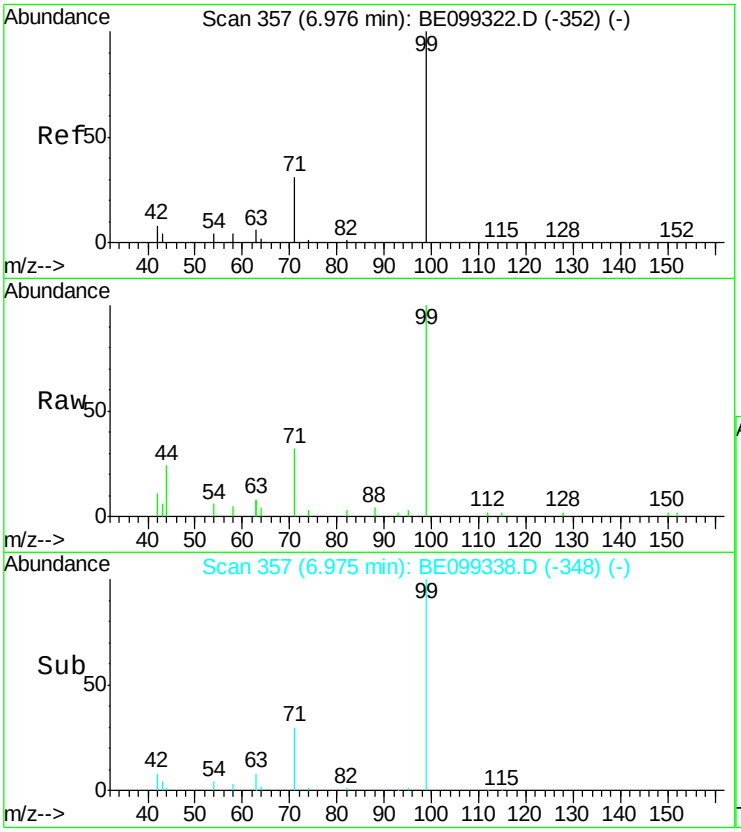


#4
2-Fluorophenol
Concen: 0.404 ng
RT: 5.39 min Scan# 219
Delta R.T. -0.00 min
Lab File: BE099338.D
Acq: 18 Apr 2019 15:34

Tgt Ion:112 Resp: 3722

Ion	Ratio	Lower	Upper
112	100		
64	57.4	44.9	67.3
63	116.4	97.4	146.0



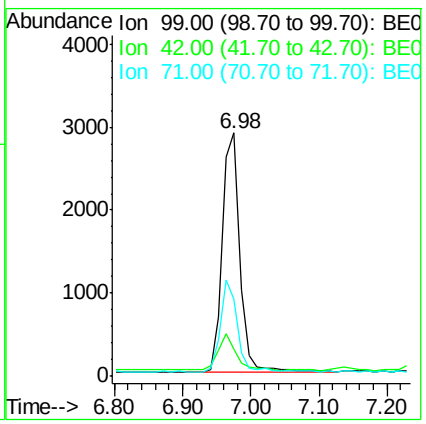


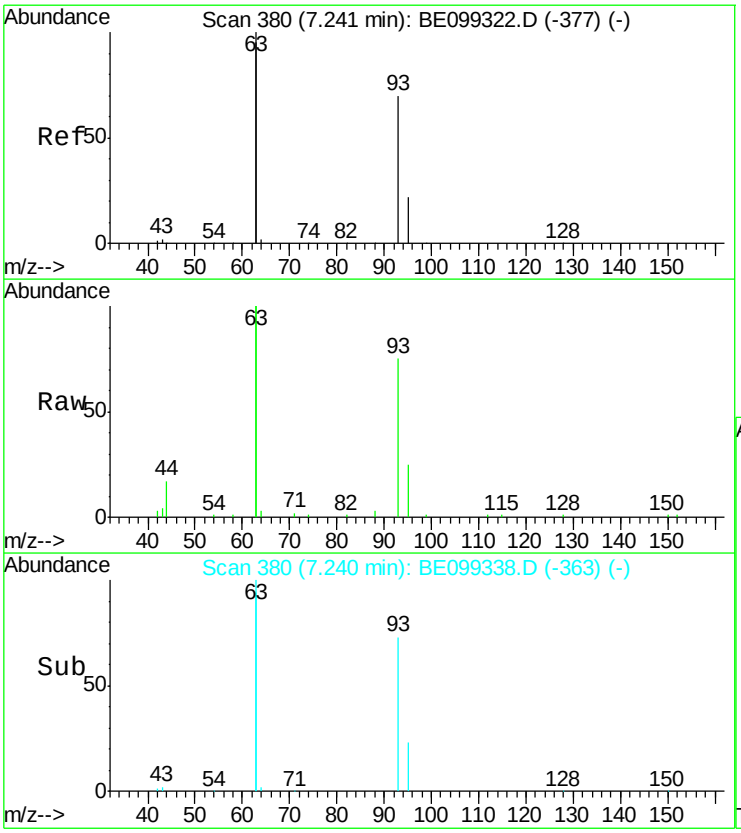
#5
Phenol-d6
Concen: 0.405 ng
RT: 6.98 min Scan# 357
Delta R.T. -0.00 min
Lab File: BE099338.D
Acq: 18 Apr 2019 15:34

Instrument :
BNA_E
ClientSampleId :
PB118927BS

Tgt Ion: 99 Resp: 5319

Ion	Ratio	Lower	Upper
99	100		
42	15.4	11.7	17.5
71	35.5	29.6	44.4

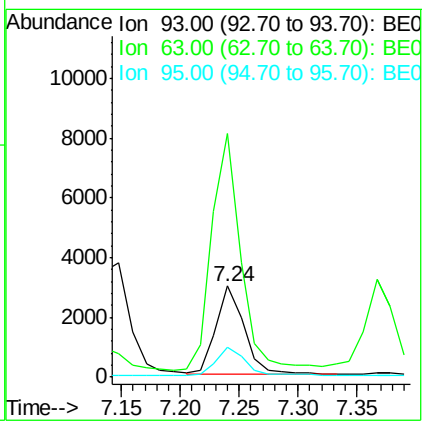


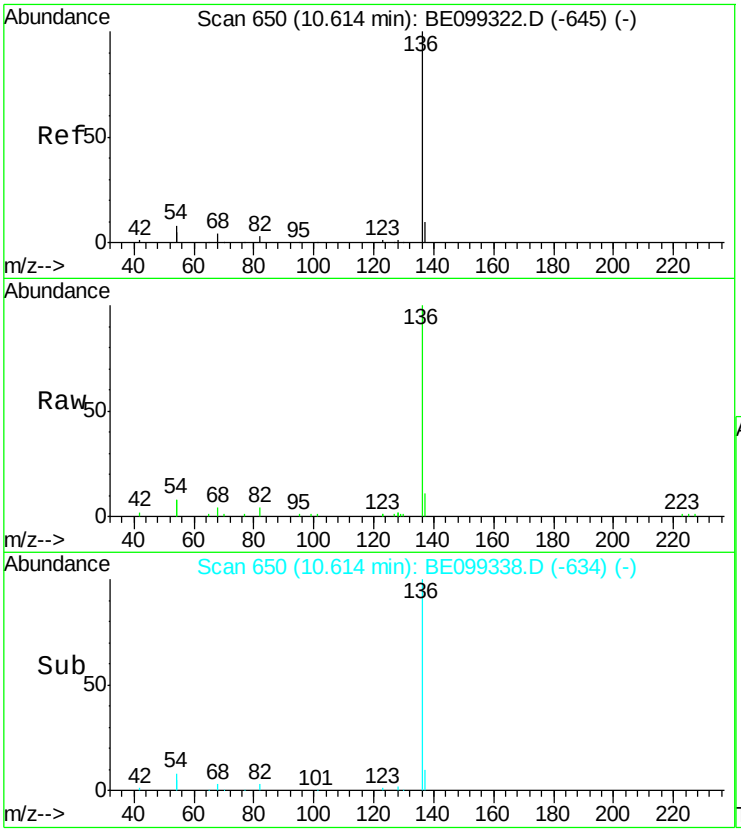


#6
bis(2-Chloroethyl)ether
Concen: 0.402 ng
RT: 7.24 min Scan# 380
Delta R.T. -0.00 min
Lab File: BE099338.D
Acq: 18 Apr 2019 15:34

Tgt Ion: 93 Resp: 4928

Ion	Ratio	Lower	Upper
93	100		
63	272.3	216.6	324.8
95	32.8	25.8	38.6



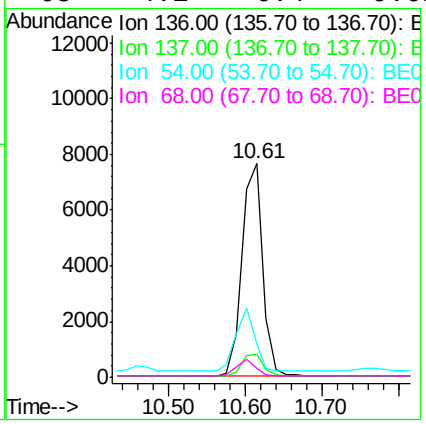


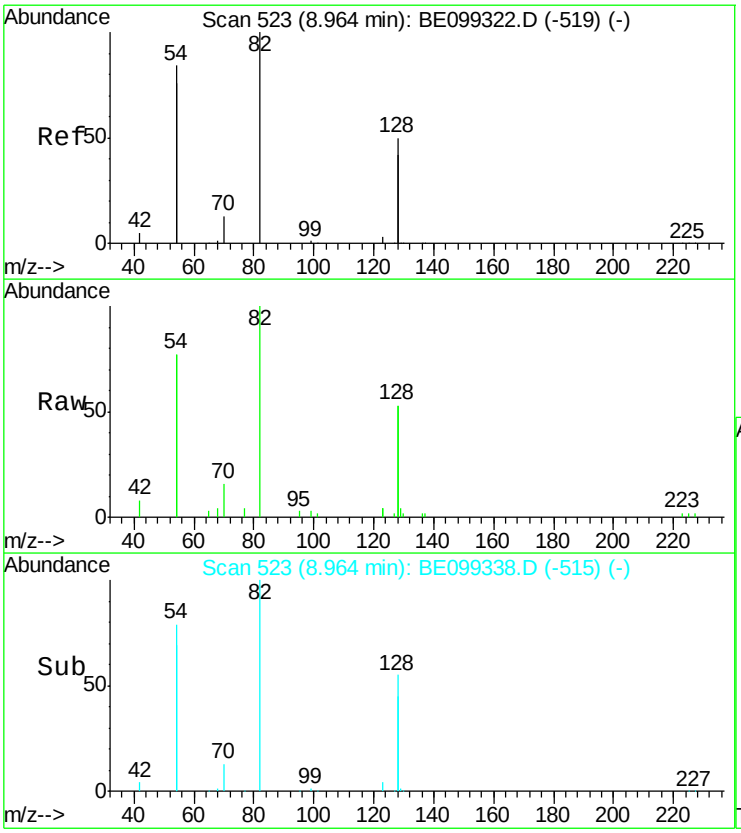
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.61 min Scan# 650
Delta R.T. 0.01 min
Lab File: BE099338.D
Acq: 18 Apr 2019 15:34

Instrument :
BNA_E
ClientSampleId :
PB118927BS

Tgt Ion:136 Resp: 14316

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	15.5	23.8	35.8#
68	4.1	6.4	9.6#

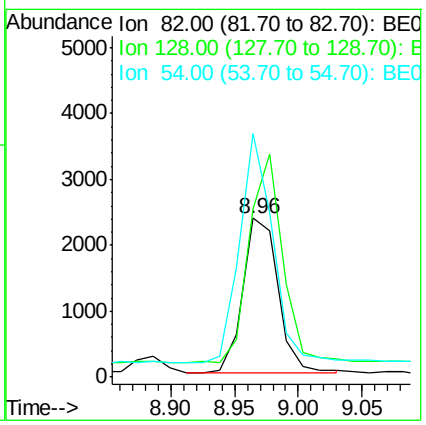


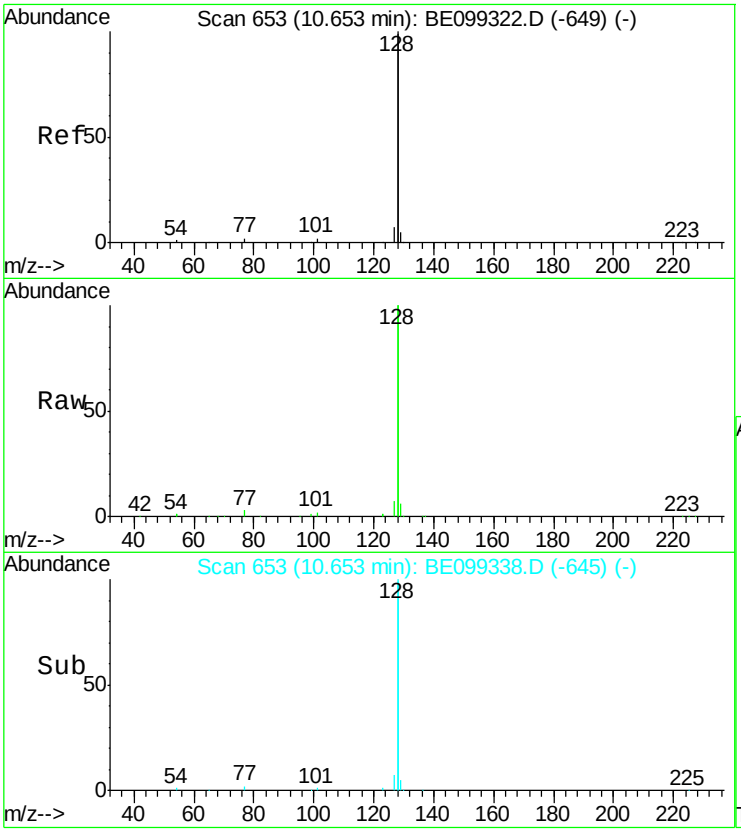


#8
Nitrobenzene-d5
Concen: 0.404 ng
RT: 8.96 min Scan# 523
Delta R.T. -0.00 min
Lab File: BE099338.D
Acq: 18 Apr 2019 15:34

Tgt Ion: 82 Resp: 4487

Ion	Ratio	Lower	Upper
82	100		
128	105.7	91.7	137.5
54	153.1	122.8	184.2



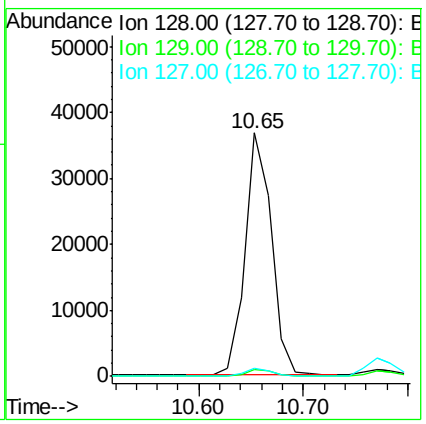


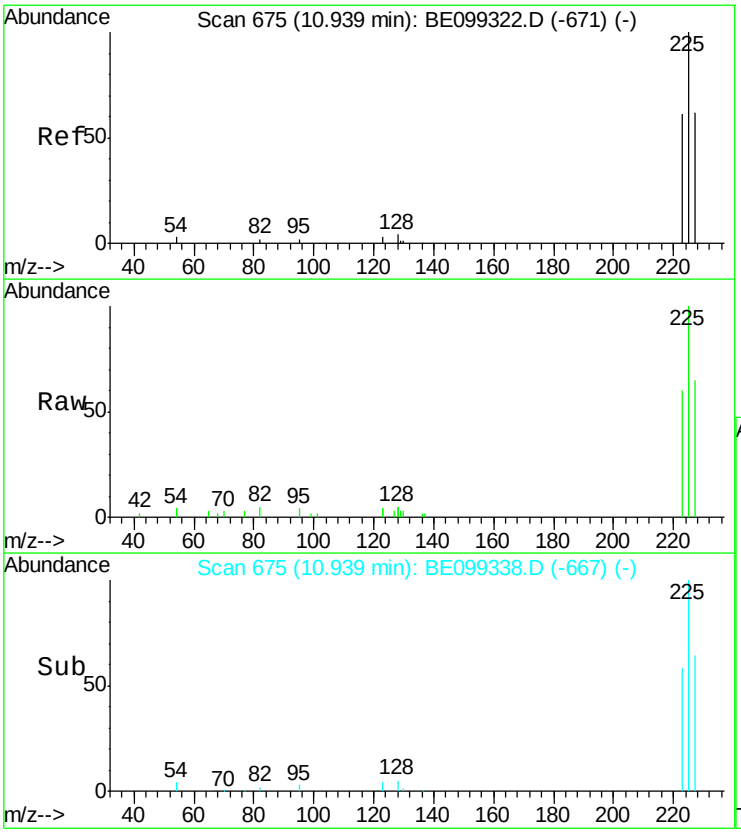
#9
Naphthalene
Concen: 0.413 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.00 min
Lab File: BE099338.D
Acq: 18 Apr 2019 15:34

Instrument :
BNA_E
ClientSampleId :
PB118927BS

Tgt Ion:128 Resp: 64542

Ion	Ratio	Lower	Upper
128	100		
129	2.8	2.3	3.5
127	3.4	2.8	4.2

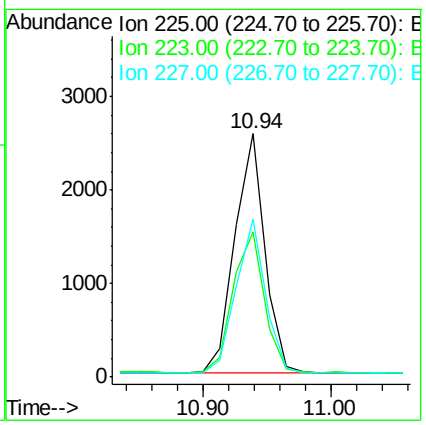


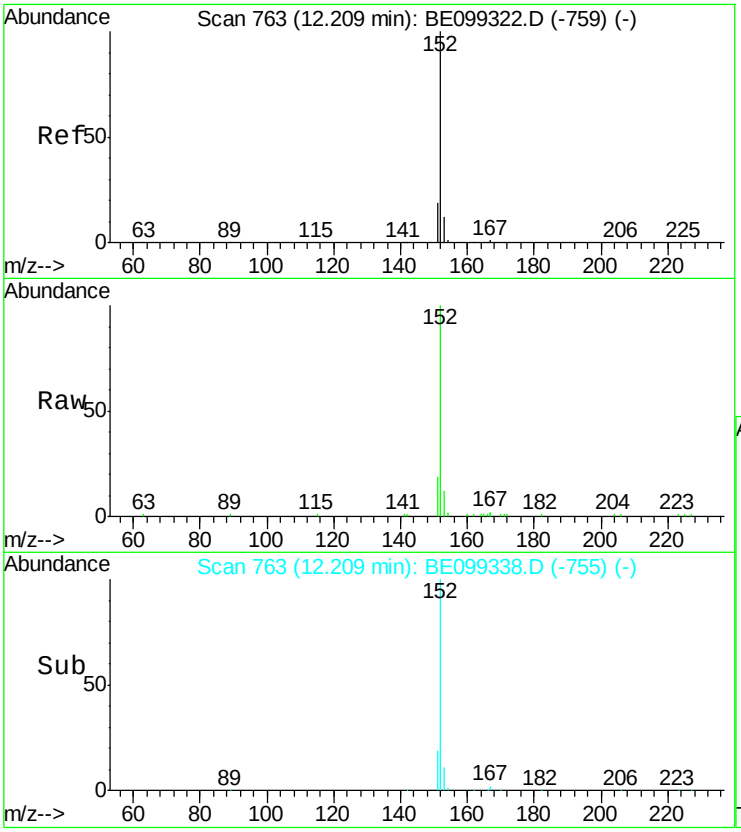


#10
Hexachlorobutadiene
Concen: 0.419 ng
RT: 10.94 min Scan# 675
Delta R.T. -0.00 min
Lab File: BE099338.D
Acq: 18 Apr 2019 15:34

Tgt Ion:225 Resp: 4152

Ion	Ratio	Lower	Upper
225	100		
223	61.3	50.3	75.5
227	63.1	49.4	74.0



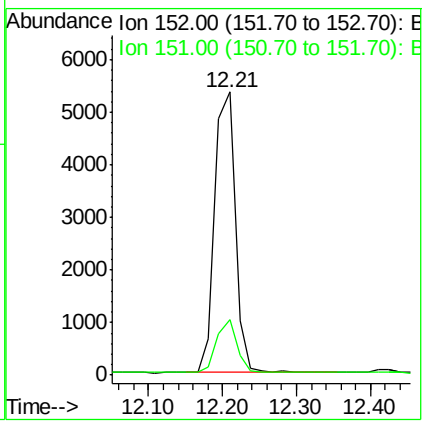


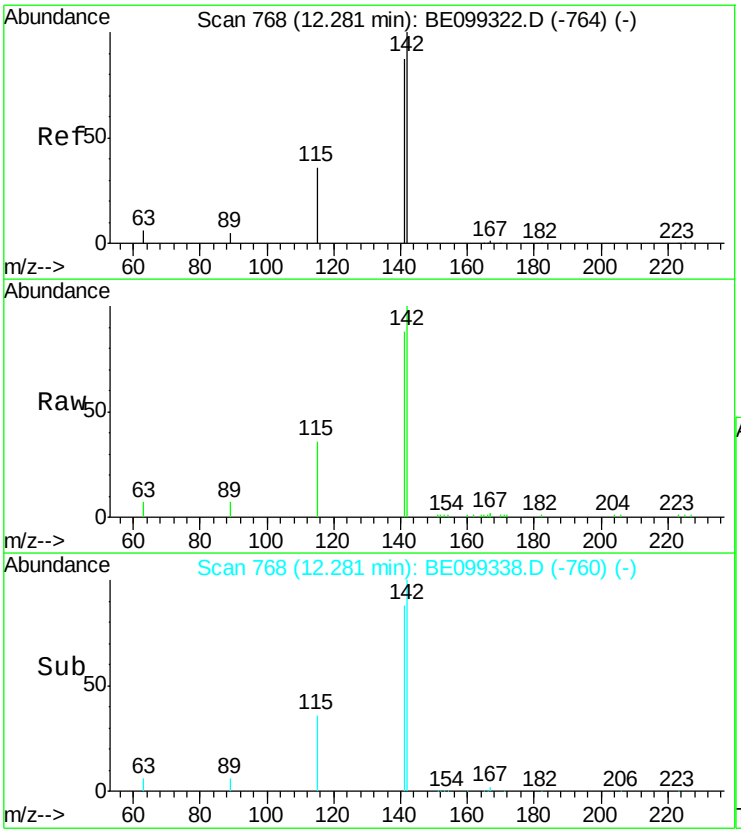
#11
2-Methylnaphthalene-d10
Concen: 0.411 ng
RT: 12.21 min Scan# 763
Delta R.T. 0.01 min
Lab File: BE099338.D
Acq: 18 Apr 2019 15:34

Instrument :
BNA_E
ClientSampleId :
PB118927BS

Tgt Ion:152 Resp: 10389

Ion	Ratio	Lower	Upper
152	100		
151	18.9	14.9	22.3

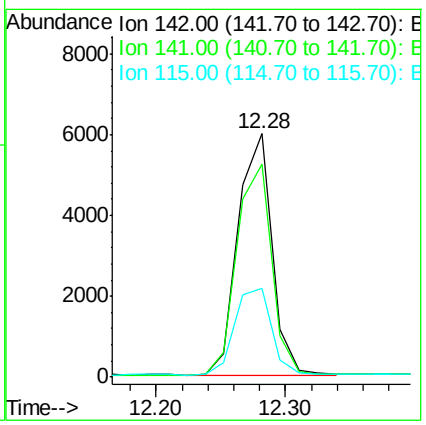


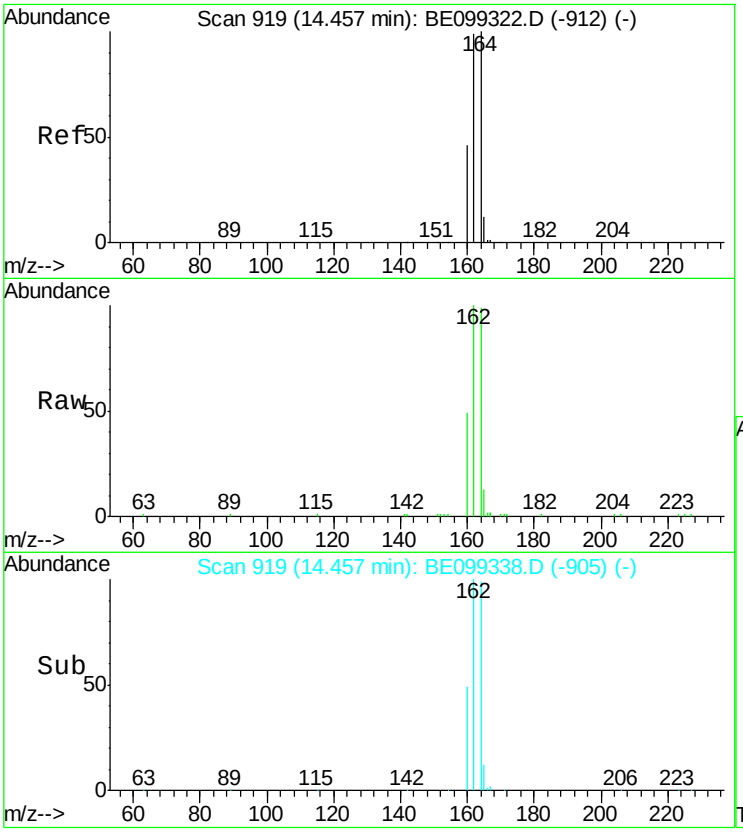


#12
2-Methylnaphthalene
Concen: 0.407 ng
RT: 12.28 min Scan# 768
Delta R.T. 0.01 min
Lab File: BE099338.D
Acq: 18 Apr 2019 15:34

Tgt Ion:142 Resp: 10806

Ion	Ratio	Lower	Upper
142	100		
141	87.5	72.0	108.0
115	36.3	33.4	50.0



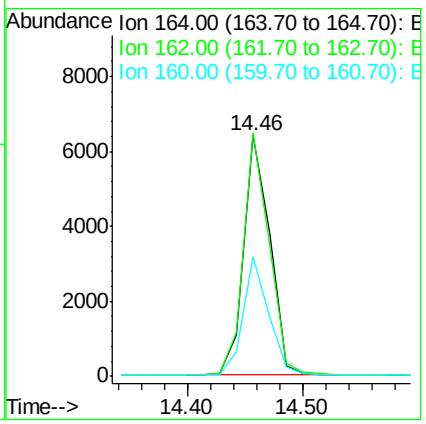


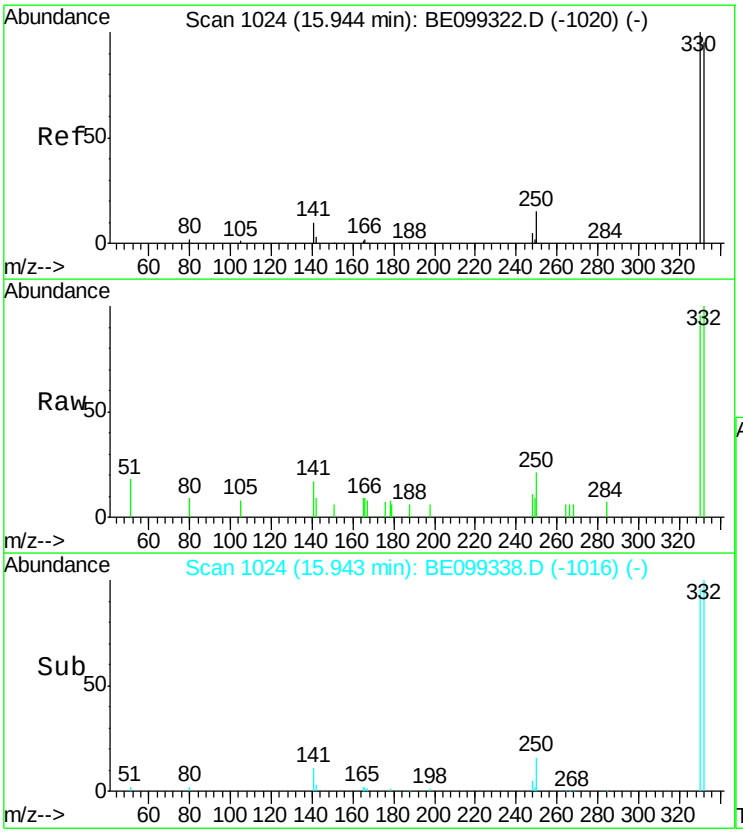
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. 0.00 min
Lab File: BE099338.D
Acq: 18 Apr 2019 15:34

Instrument :
BNA_E
ClientSampleId :
PB118927BS

Tgt Ion:164 Resp: 9926

Ion	Ratio	Lower	Upper
164	100		
162	101.0	77.8	116.6
160	49.3	37.1	55.7

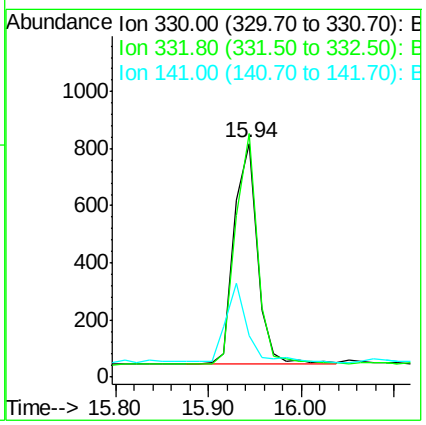


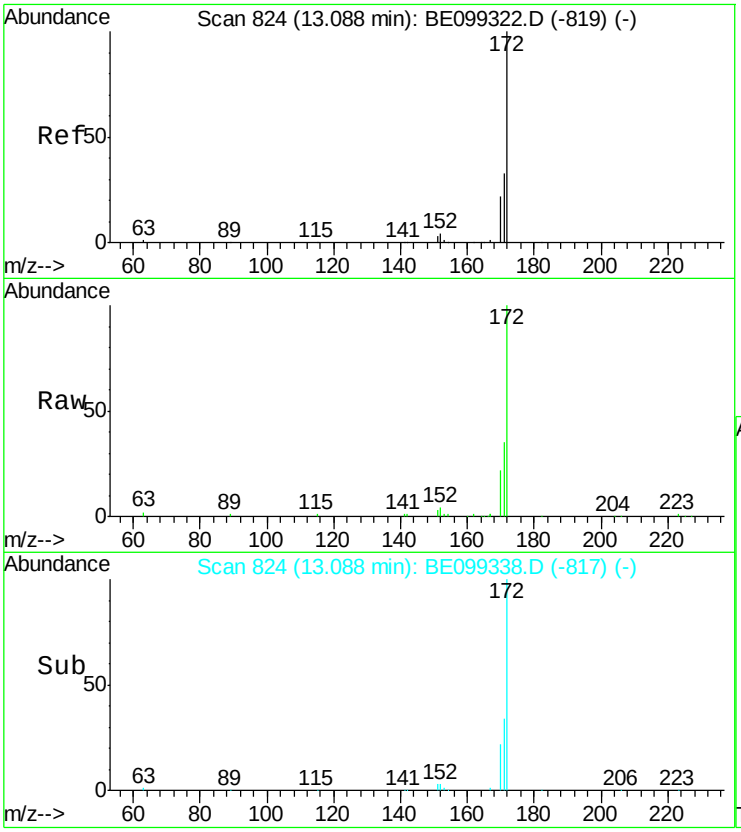


#14
2,4,6-Tribromophenol
Concen: 0.406 ng
RT: 15.94 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BE099338.D
Acq: 18 Apr 2019 15:34

Tgt Ion:330 Resp: 1339

Ion	Ratio	Lower	Upper
330	100		
332	97.6	82.5	123.7
141	34.4	24.9	37.3



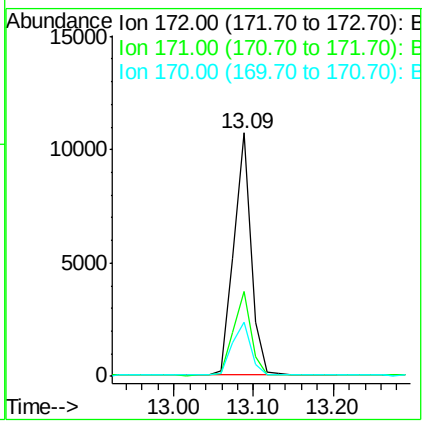


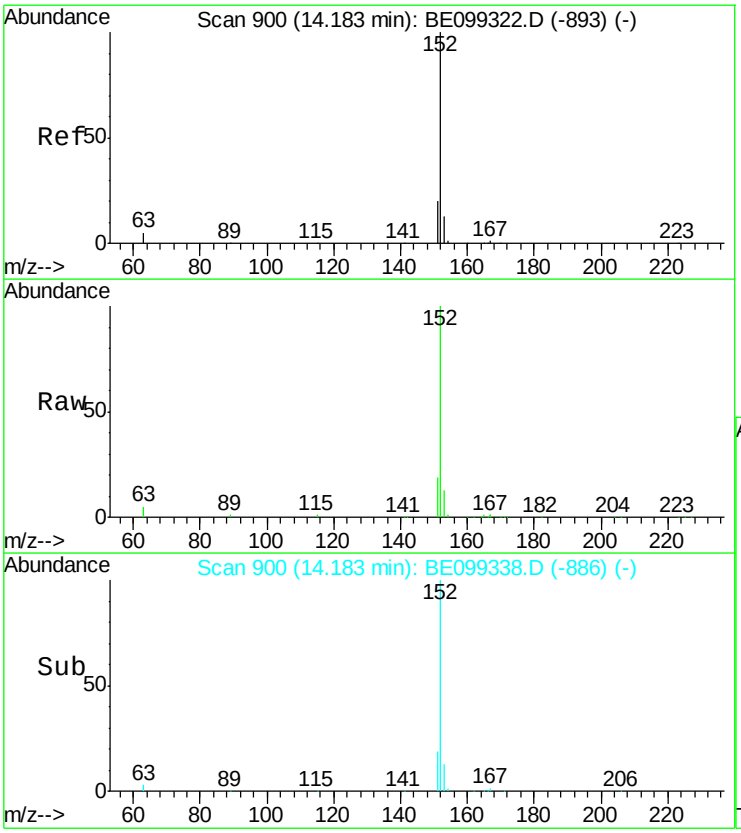
#15
2-Fluorobiphenyl
Concen: 0.415 ng
RT: 13.09 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE099338.D
Acq: 18 Apr 2019 15:34

Instrument :
BNA_E
ClientSampleId :
PB118927BS

Tgt Ion:172 Resp: 16210

Ion	Ratio	Lower	Upper
172	100		
171	34.7	26.2	39.2
170	22.1	18.1	27.1

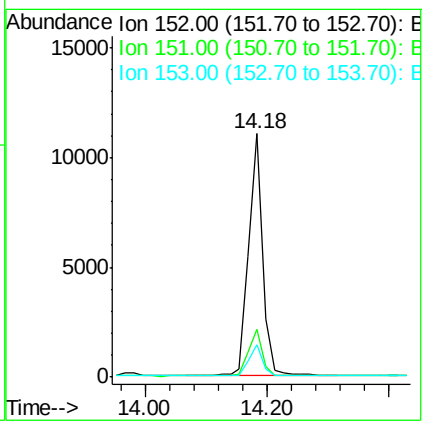


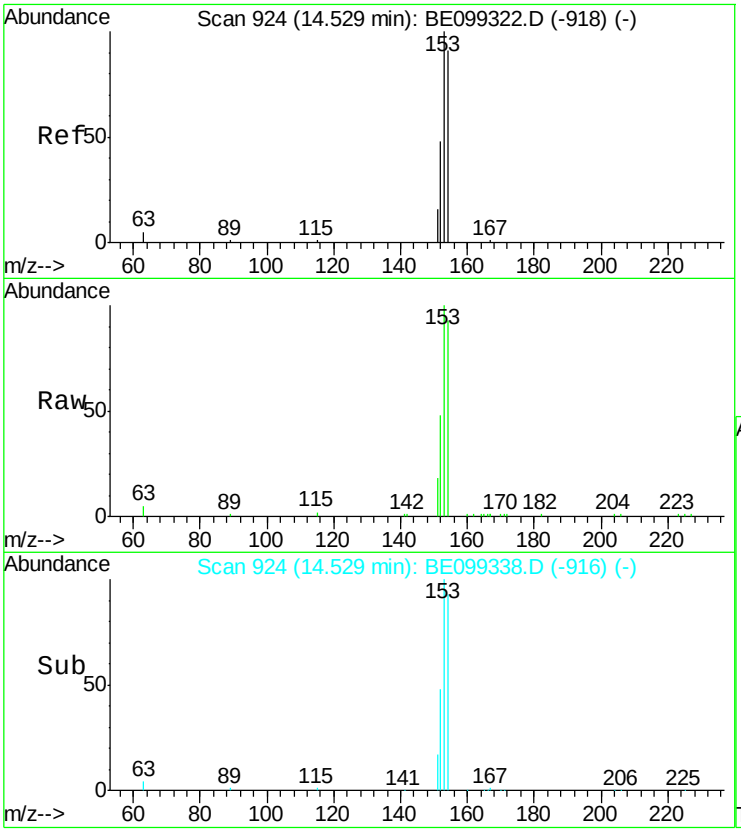


#16
Acenaphthylene
Concen: 0.392 ng
RT: 14.18 min Scan# 900
Delta R.T. 0.00 min
Lab File: BE099338.D
Acq: 18 Apr 2019 15:34

Tgt Ion:152 Resp: 17589

Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.5	23.3
153	12.7	10.2	15.4



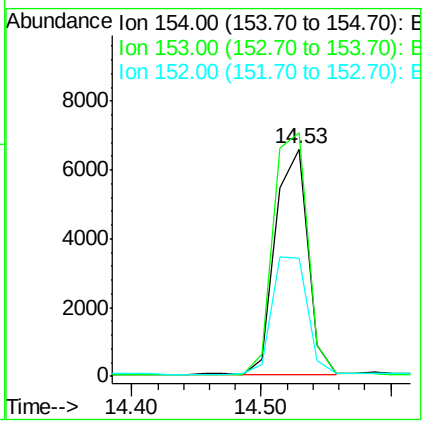


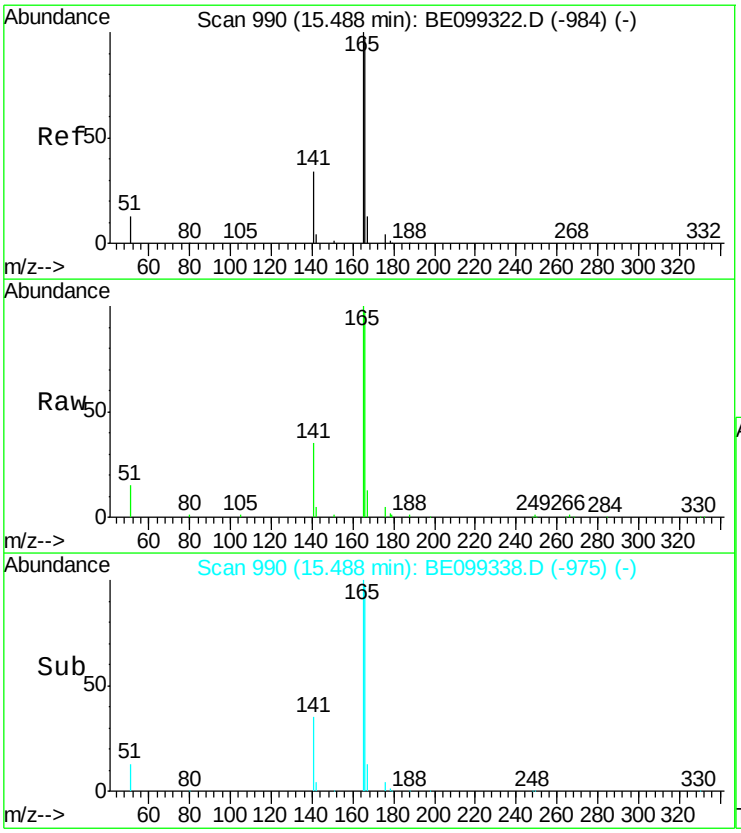
#17
Acenaphthene
Concen: 0.417 ng
RT: 14.53 min Scan# 924
Delta R.T. 0.01 min
Lab File: BE099338.D
Acq: 18 Apr 2019 15:34

Instrument :
BNA_E
ClientSampleId :
PB118927BS

Tgt Ion:154 Resp: 11526

Ion	Ratio	Lower	Upper
154	100		
153	113.2	94.7	142.1
152	56.2	46.4	69.6

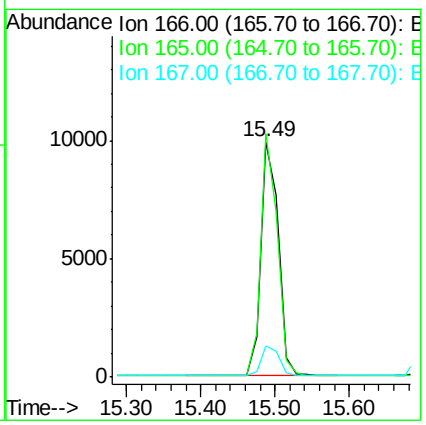


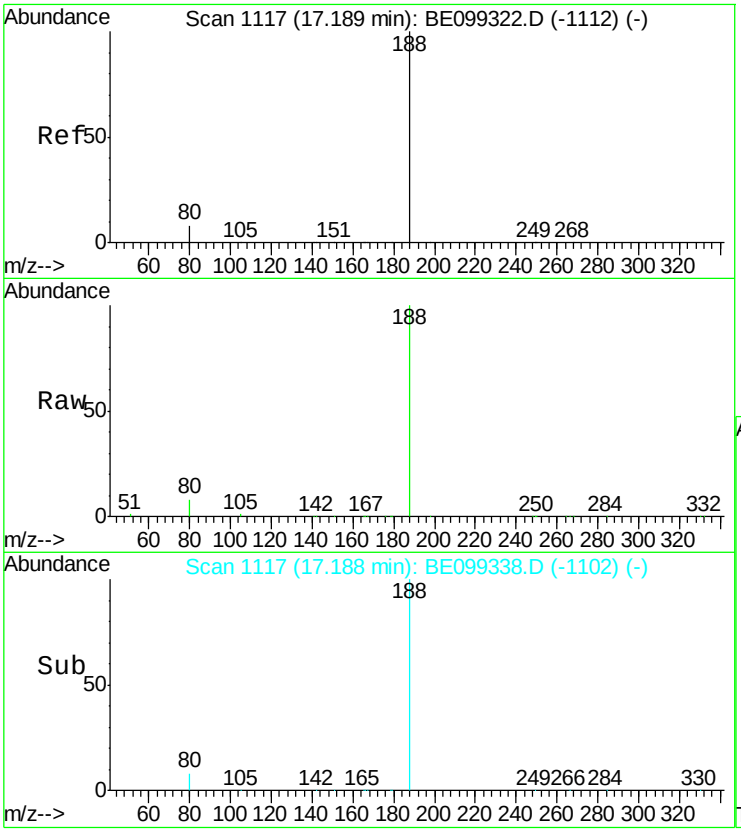


#18
Fluorene
Concen: 0.408 ng
RT: 15.49 min Scan# 990
Delta R.T. -0.00 min
Lab File: BE099338.D
Acq: 18 Apr 2019 15:34

Tgt Ion:166 Resp: 16201

Ion	Ratio	Lower	Upper
166	100		
165	99.5	79.7	119.5
167	13.5	11.0	16.4



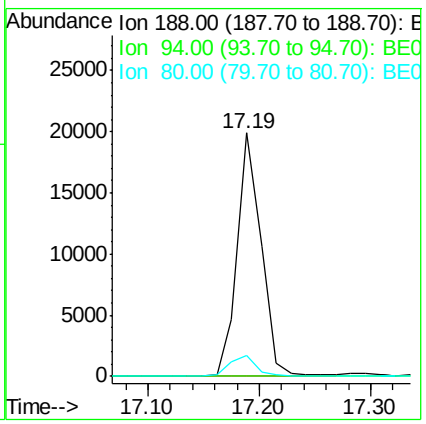


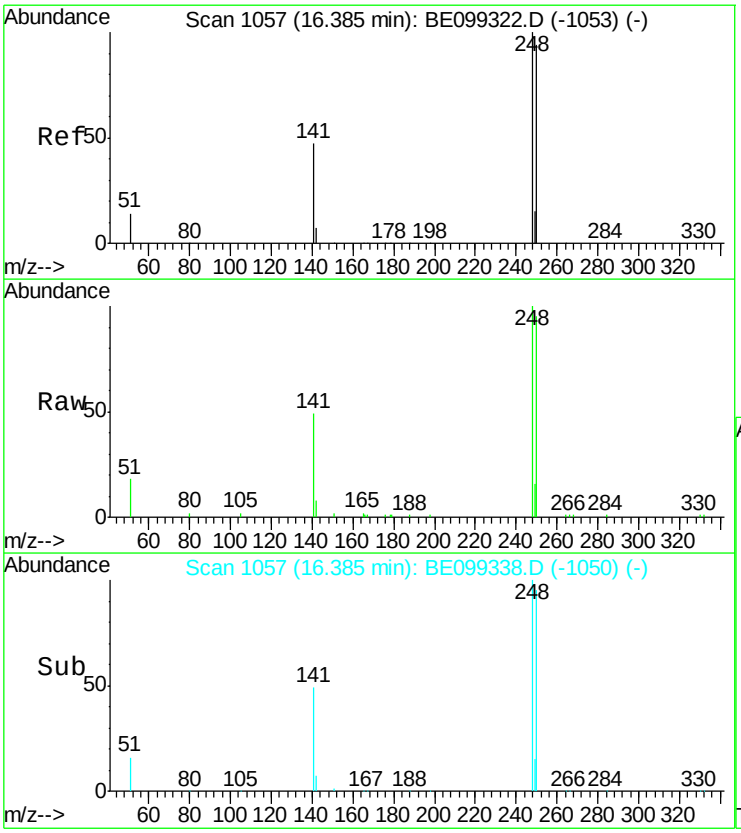
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.19 min Scan# 1117
Delta R.T. -0.00 min
Lab File: BE099338.D
Acq: 18 Apr 2019 15:34

Instrument :
BNA_E
ClientSampleId :
PB118927BS

Tgt Ion:188 Resp: 29472

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.5	6.2	9.4

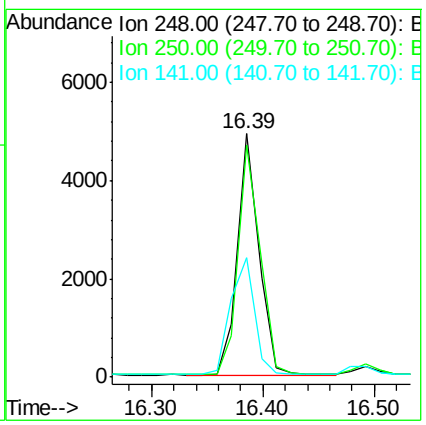


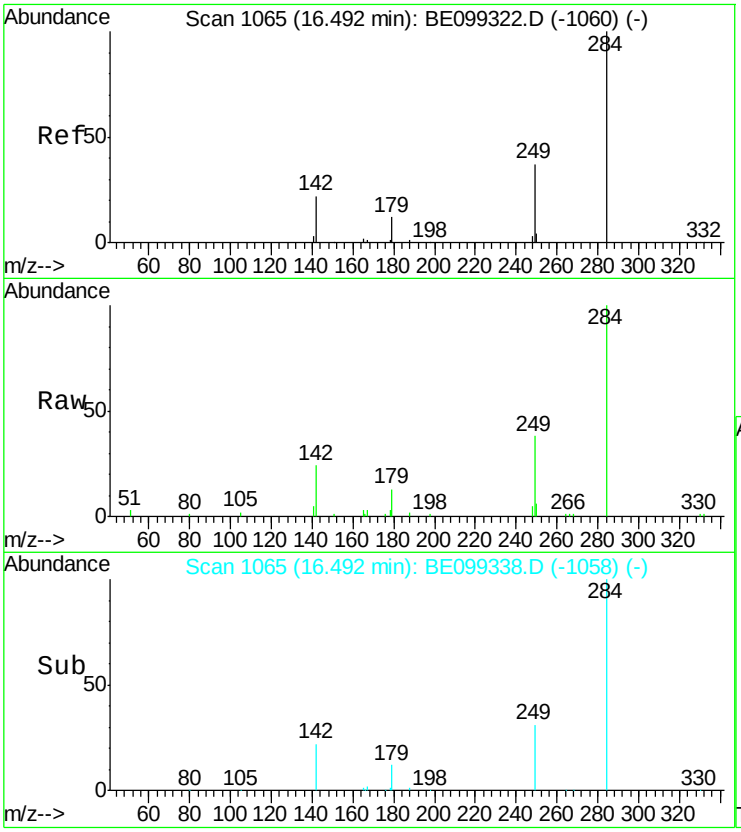


#20
4-Bromophenyl-phenylether
Concen: 0.402 ng
RT: 16.39 min Scan# 1057
Delta R.T. -0.00 min
Lab File: BE099338.D
Acq: 18 Apr 2019 15:34

Tgt Ion:248 Resp: 6565

Ion	Ratio	Lower	Upper
248	100		
250	95.4	77.0	115.6
141	49.3	31.1	46.7#



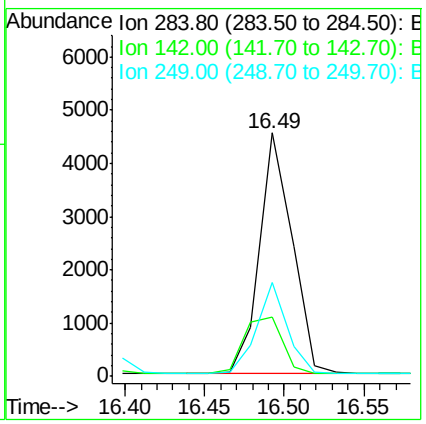


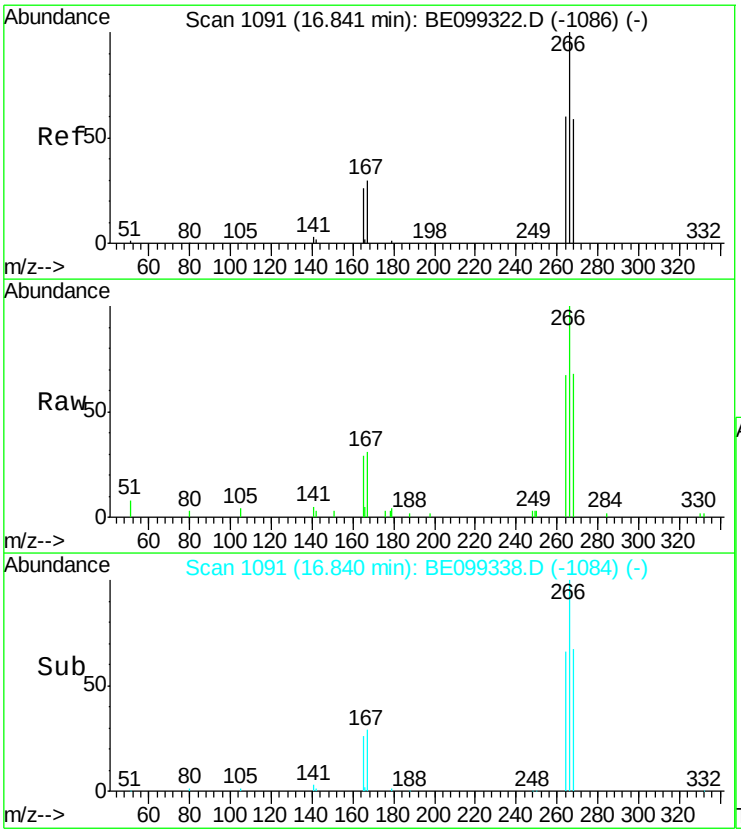
#21
Hexachlorobenzene
Concen: 0.406 ng
RT: 16.49 min Scan# 1065
Delta R.T. -0.00 min
Lab File: BE099338.D
Acq: 18 Apr 2019 15:34

Instrument :
BNA_E
ClientSampleId :
PB118927BS

Tgt Ion:284 Resp: 6378

Ion	Ratio	Lower	Upper
284	100		
142	28.4	21.8	32.6
249	34.7	26.2	39.4

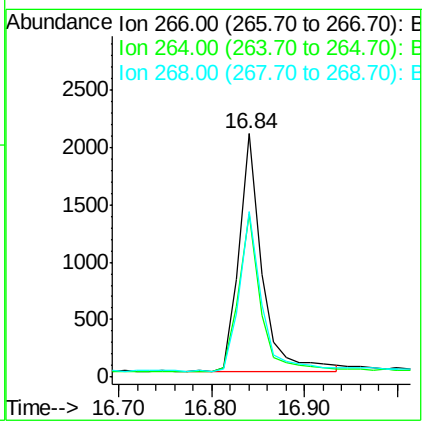


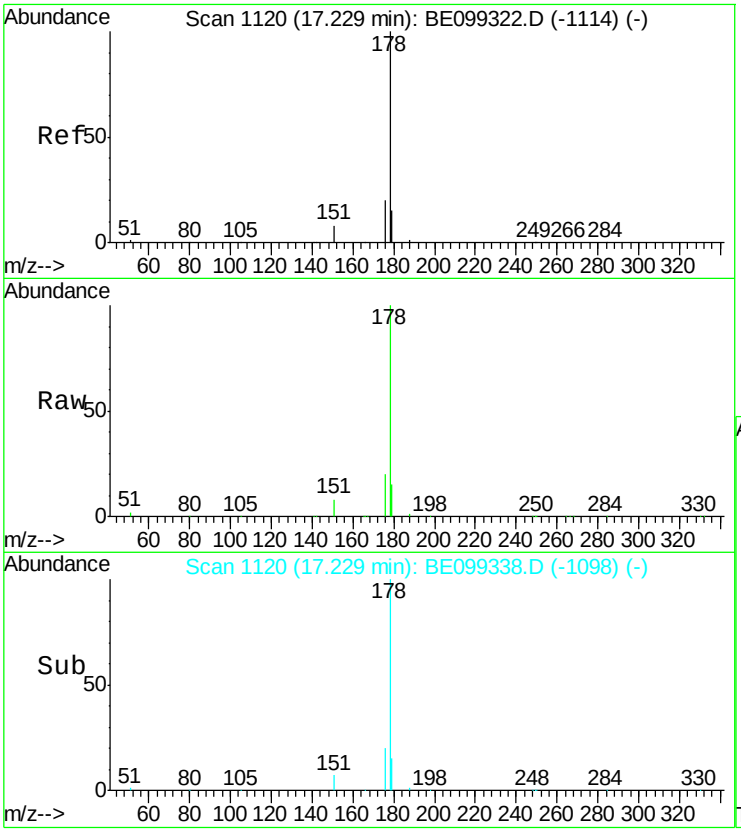


#22
Pentachlorophenol
Concen: 0.781 ng
RT: 16.84 min Scan# 1091
Delta R.T. 0.00 min
Lab File: BE099338.D
Acq: 18 Apr 2019 15:34

Tgt Ion:266 Resp: 3554

Ion	Ratio	Lower	Upper
266	100		
264	66.7	54.5	81.7
268	68.0	54.3	81.5



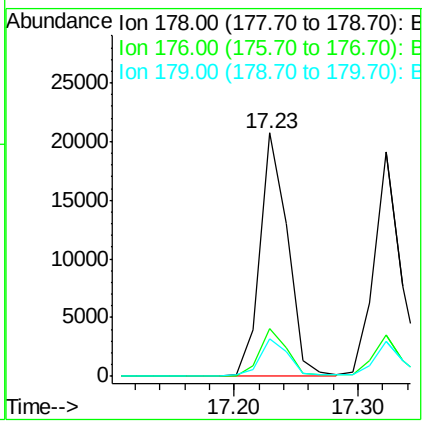


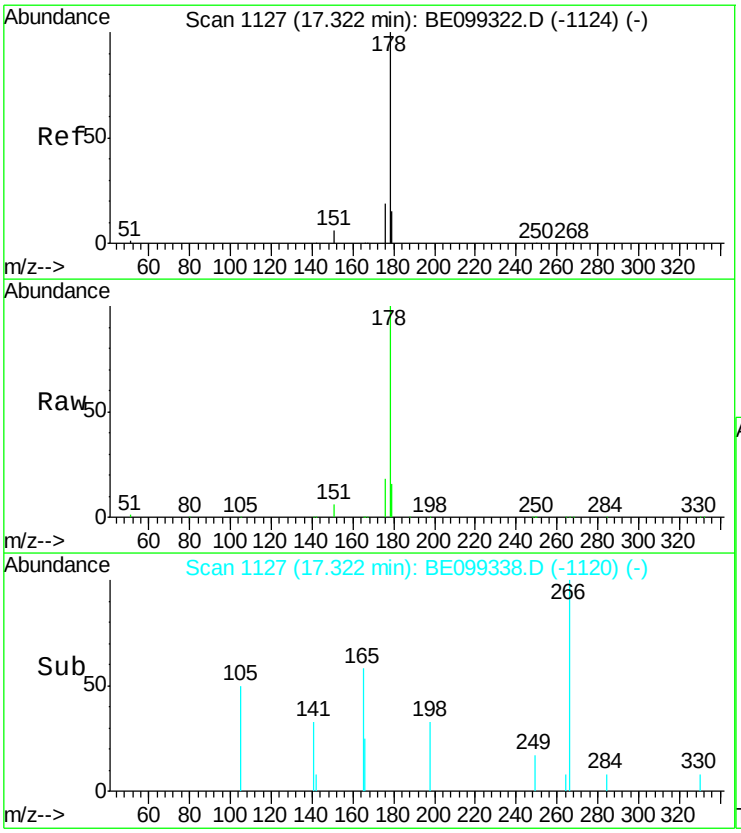
#23
Phenanthrene
Concen: 0.404 ng
RT: 17.23 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BE099338.D
Acq: 18 Apr 2019 15:34

Instrument :
BNA_E
ClientSampleId :
PB118927BS

Tgt Ion:178 Resp: 31510

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.3	22.9
179	15.4	12.4	18.6

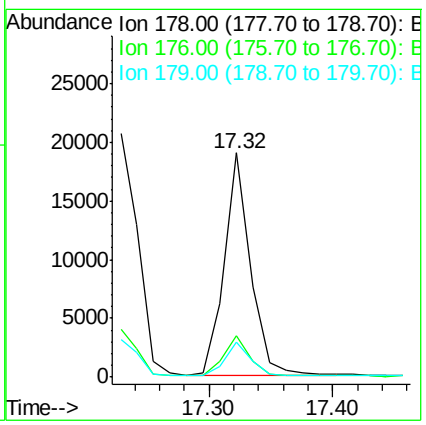


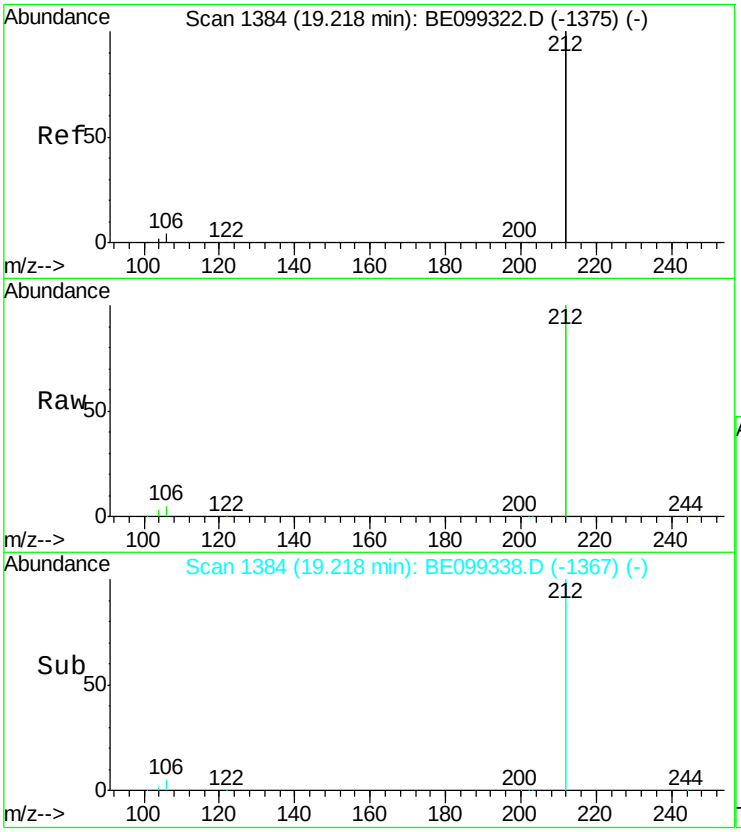


#24
Anthracene
Concen: 0.398 ng
RT: 17.32 min Scan# 1127
Delta R.T. -0.00 min
Lab File: BE099338.D
Acq: 18 Apr 2019 15:34

Tgt Ion:178 Resp: 27665

Ion	Ratio	Lower	Upper
178	100		
176	17.7	15.1	22.7
179	15.3	11.9	17.9



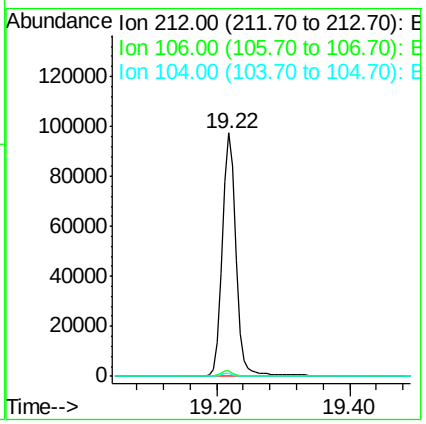


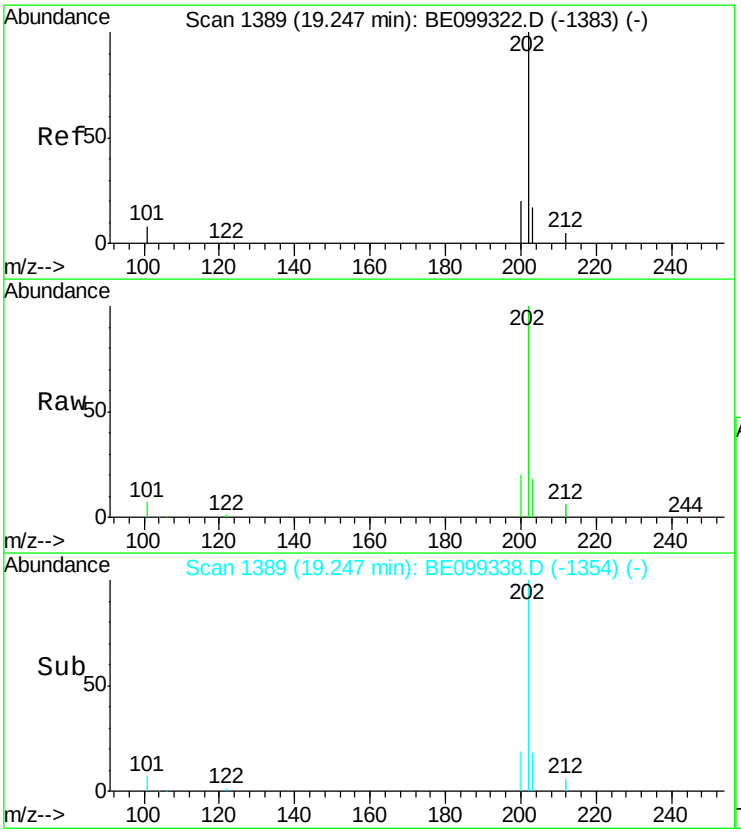
#25
Fluoranthene-d10
Concen: 0.389 ng
RT: 19.22 min Scan# 1384
Delta R.T. 0.00 min
Lab File: BE099338.D
Acq: 18 Apr 2019 15:34

Instrument :
BNA_E
ClientSampleId :
PB118927BS

Tgt Ion:212 Resp: 137837

Ion	Ratio	Lower	Upper
212	100		
106	2.2	1.8	2.6
104	1.3	1.0	1.4

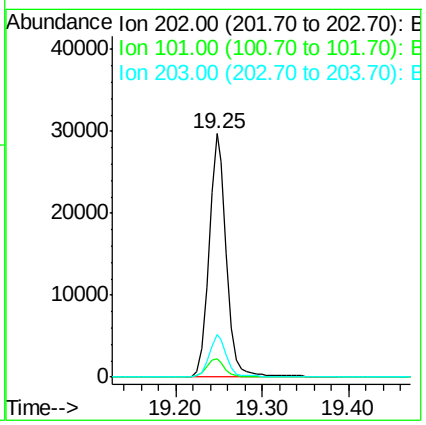


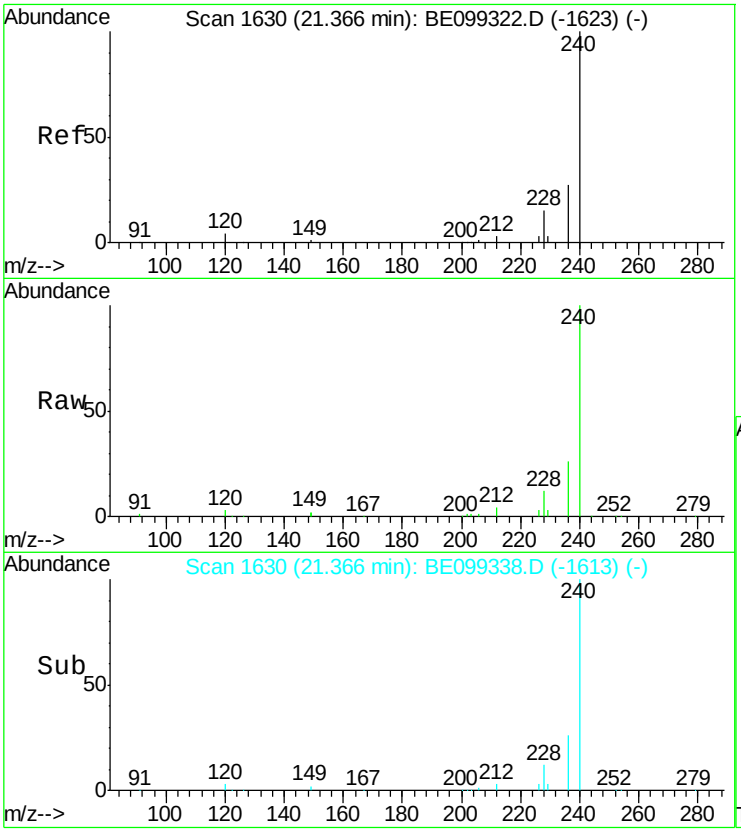


#26
Fluoranthene
Concen: 0.394 ng
RT: 19.25 min Scan# 1389
Delta R.T. 0.00 min
Lab File: BE099338.D
Acq: 18 Apr 2019 15:34

Tgt Ion:202 Resp: 41161

Ion	Ratio	Lower	Upper
202	100		
101	7.8	6.4	9.6
203	17.0	13.5	20.3



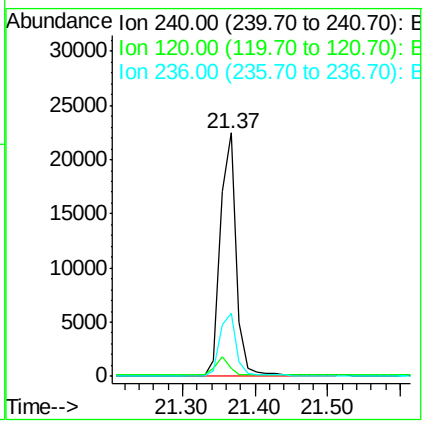


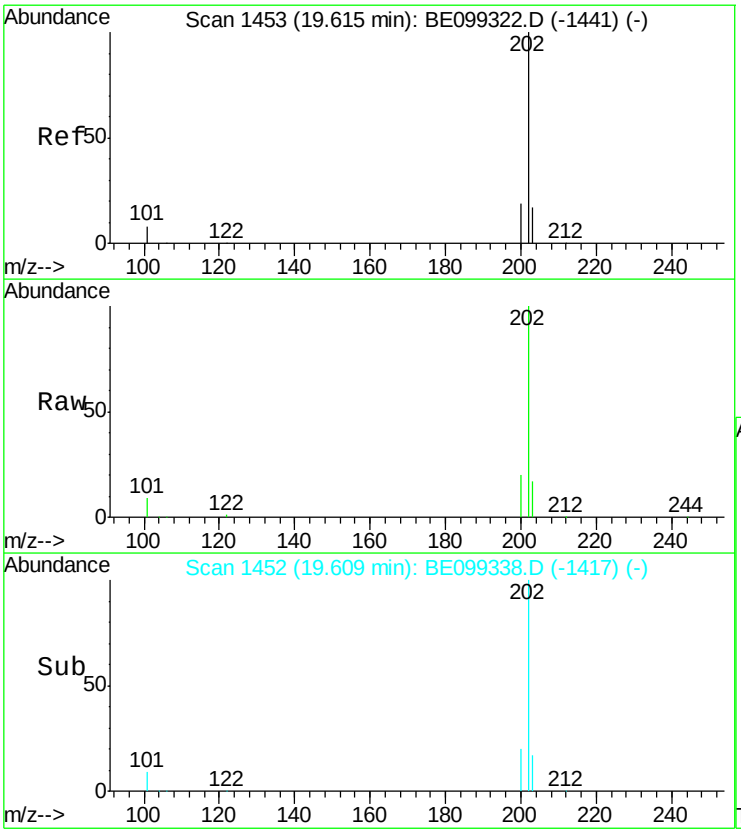
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. 0.00 min
Lab File: BE099338.D
Acq: 18 Apr 2019 15:34

Instrument :
BNA_E
ClientSampleId :
PB118927BS

Tgt Ion:240 Resp: 34795

Ion	Ratio	Lower	Upper
240	100		
120	3.2	2.2	3.2
236	26.2	20.2	30.4

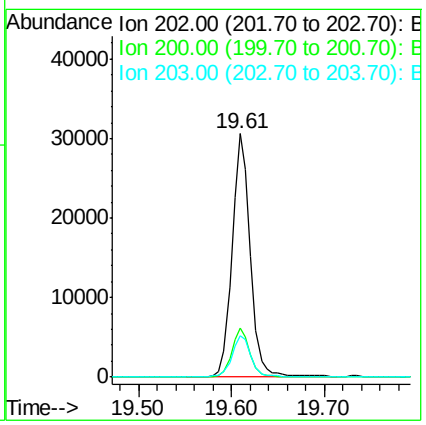


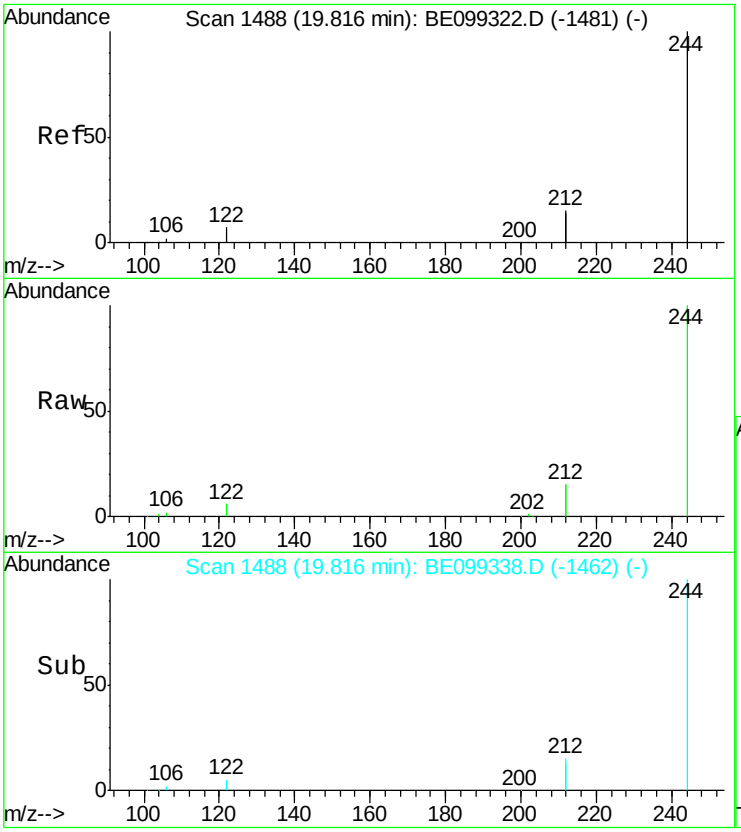


#28
Pyrene
Concen: 0.406 ng
RT: 19.61 min Scan# 1452
Delta R.T. 0.00 min
Lab File: BE099338.D
Acq: 18 Apr 2019 15:34

Tgt Ion:202 Resp: 41606

Ion	Ratio	Lower	Upper
202	100		
200	19.7	15.7	23.5
203	17.6	13.7	20.5



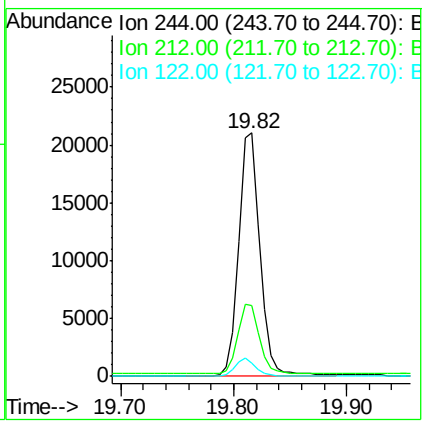


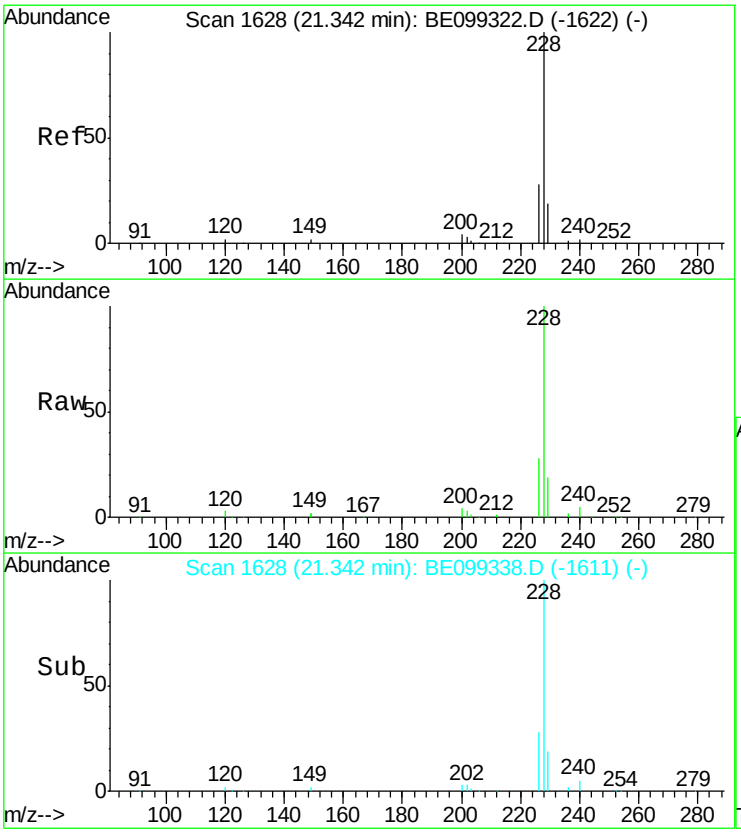
#29
Terphenyl-d14
Concen: 0.406 ng
RT: 19.82 min Scan# 1488
Delta R.T. 0.00 min
Lab File: BE099338.D
Acq: 18 Apr 2019 15:34

Instrument :
BNA_E
ClientSampleId :
PB118927BS

Tgt Ion:244 Resp: 27787

Ion	Ratio	Lower	Upper
244	100		
212	29.1	22.6	33.8
122	5.6	4.6	7.0

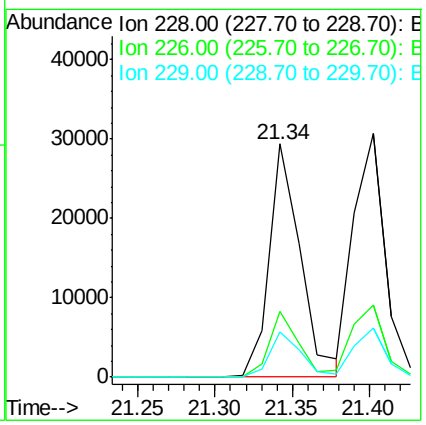


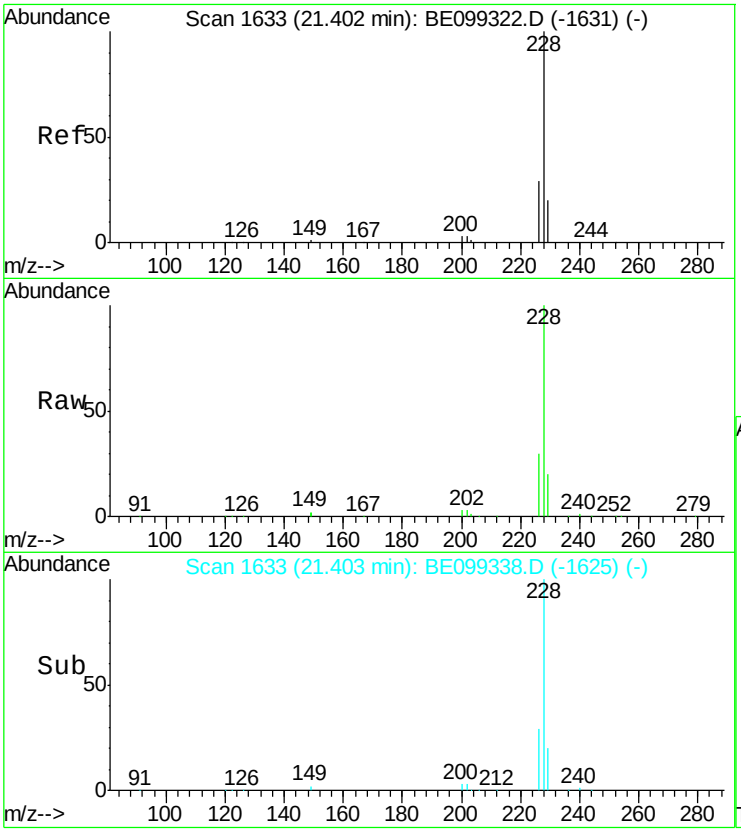


#30
Benzo(a)anthracene
Concen: 0.405 ng
RT: 21.34 min Scan# 1628
Delta R.T. 0.00 min
Lab File: BE099338.D
Acq: 18 Apr 2019 15:34

Tgt Ion:228 Resp: 41458

Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.0	33.0
229	19.3	15.8	23.8



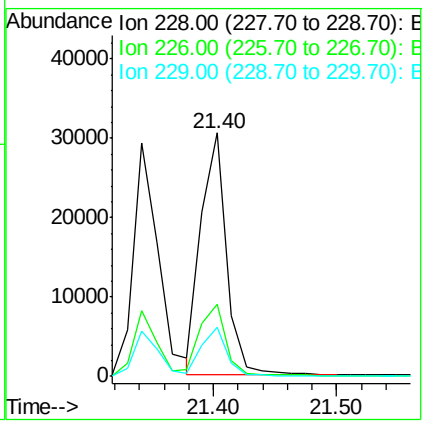


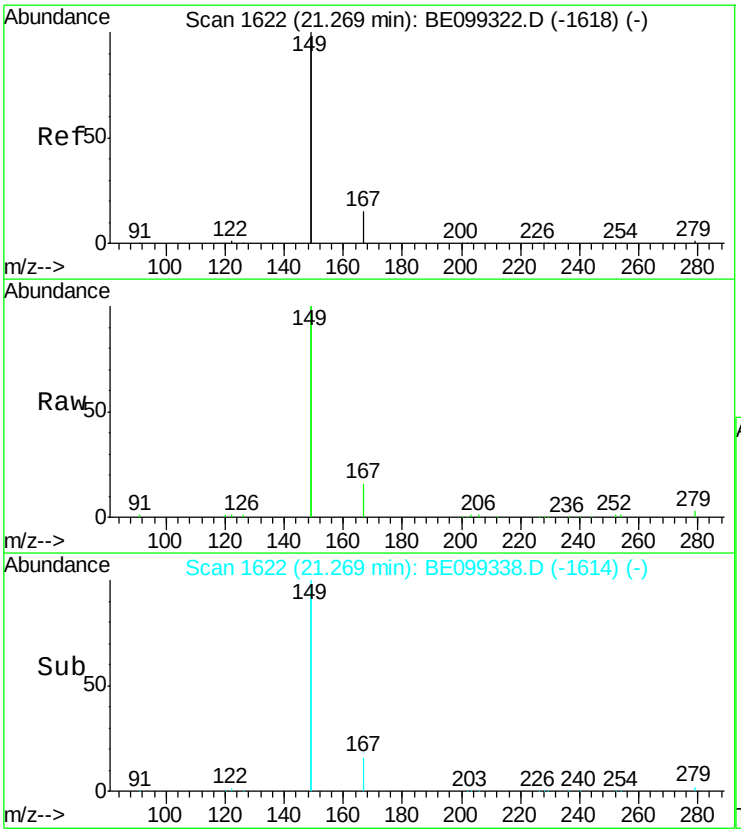
#31
Chrysene
Concen: 0.400 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BE099338.D
Acq: 18 Apr 2019 15:34

Instrument :
BNA_E
ClientSampleId :
PB118927BS

Tgt Ion:228 Resp: 43552

Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.4	35.2
229	20.2	16.2	24.2

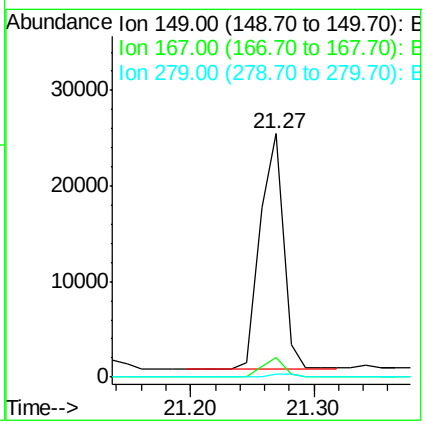


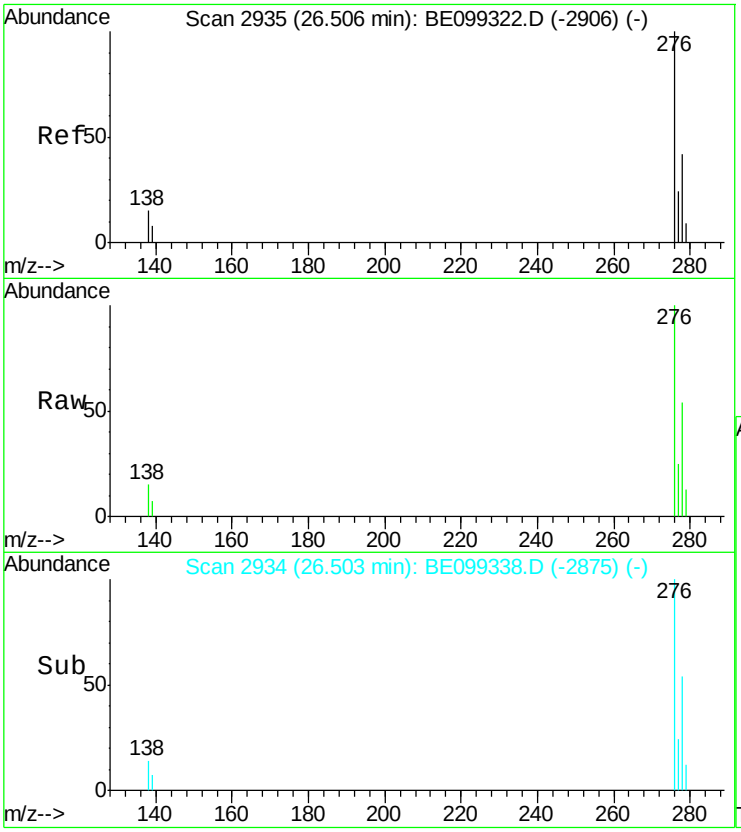


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.354 ng
RT: 21.27 min Scan# 1622
Delta R.T. 0.00 min
Lab File: BE099338.D
Acq: 18 Apr 2019 15:34

Tgt Ion:149 Resp: 32920

Ion	Ratio	Lower	Upper
149	100		
167	7.6	6.0	9.0
279	1.3	1.1	1.7



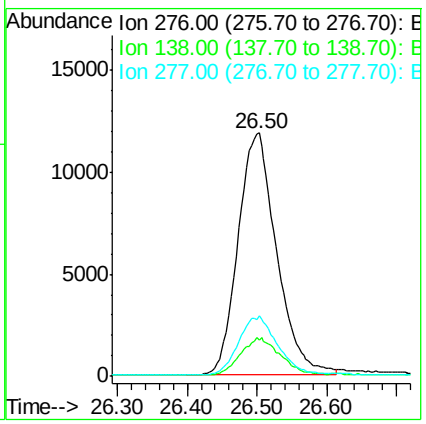


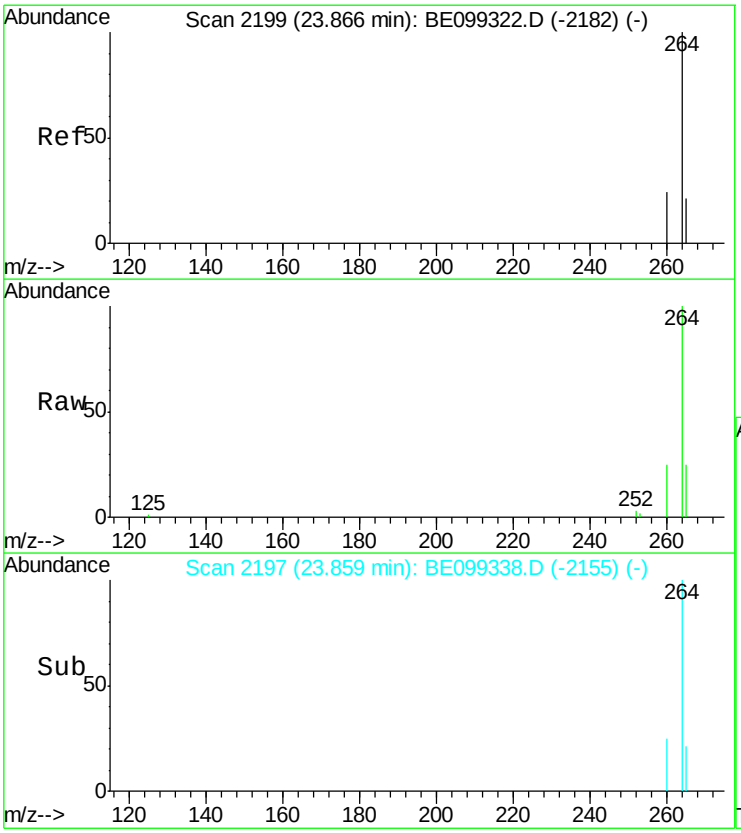
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.424 ng
RT: 26.50 min Scan# 2934
Delta R.T. 0.01 min
Lab File: BE099338.D
Acq: 18 Apr 2019 15:34

Instrument :
BNA_E
ClientSampleId :
PB118927BS

Tgt Ion:276 Resp: 45566

Ion	Ratio	Lower	Upper
276	100		
138	15.8	12.7	19.1
277	24.5	19.6	29.4

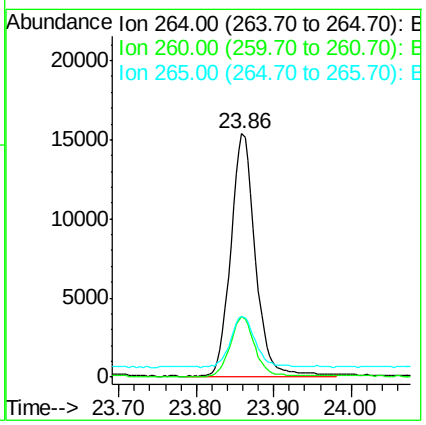


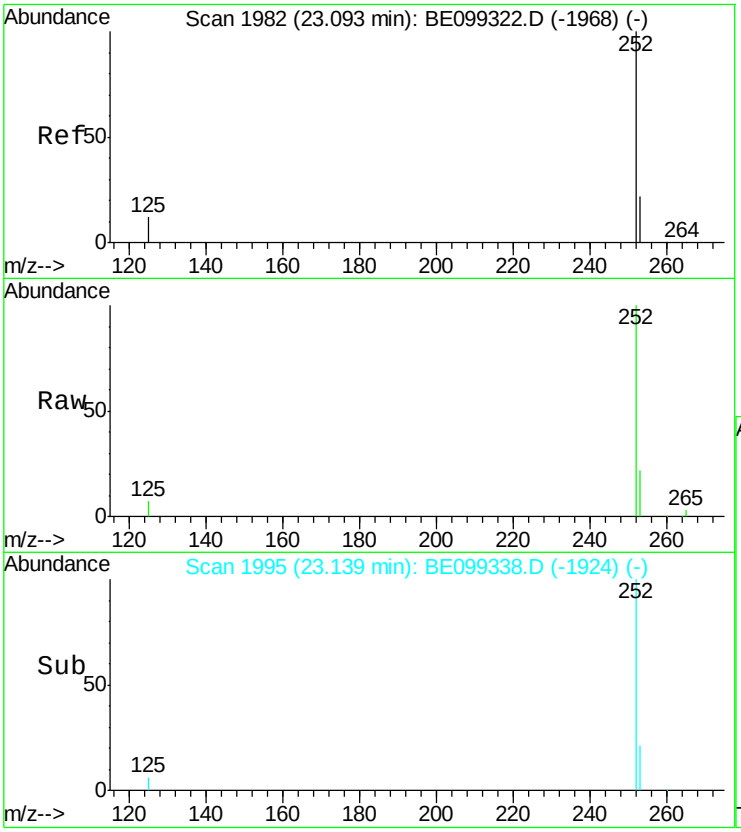


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.86 min Scan# 2197
Delta R.T. 0.00 min
Lab File: BE099338.D
Acq: 18 Apr 2019 15:34

Tgt Ion:264 Resp: 33606

Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.1	30.1
265	25.1	19.9	29.9



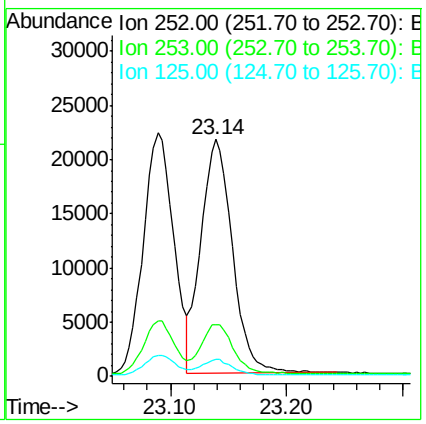


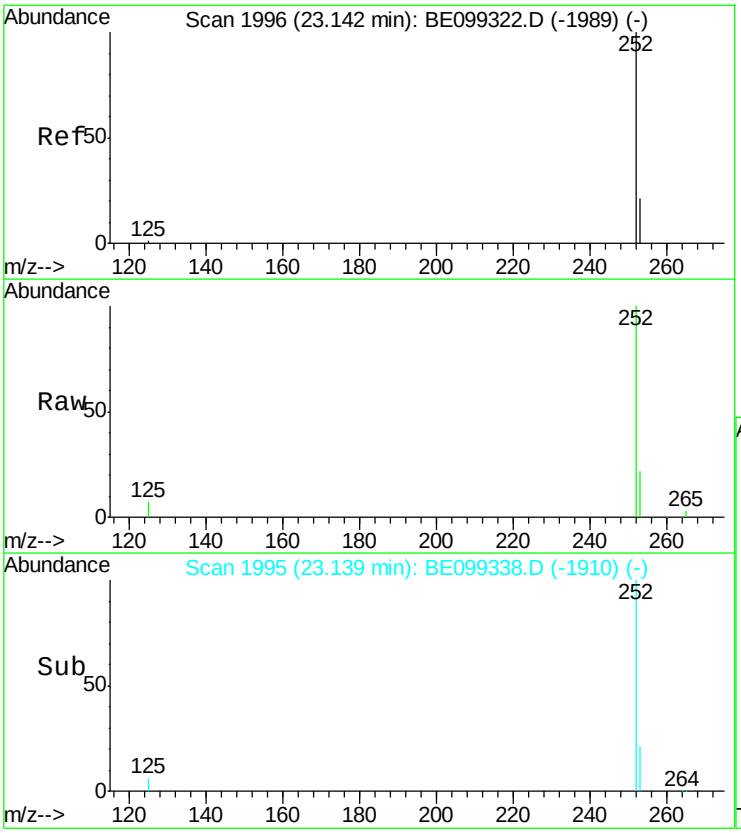
#35
Benzo(b)fluoranthene
Concen: 0.398 ng
RT: 23.14 min Scan# 1995
Delta R.T. 0.05 min
Lab File: BE099338.D
Acq: 18 Apr 2019 15:34

Instrument :
BNA_E
ClientSampleId :
PB118927BS

Tgt Ion:252 Resp: 40898

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.3	25.9
125	7.0	5.8	8.6

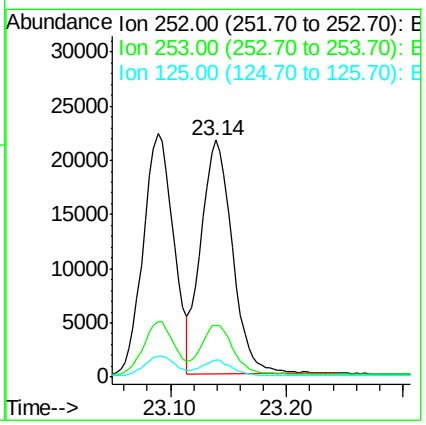


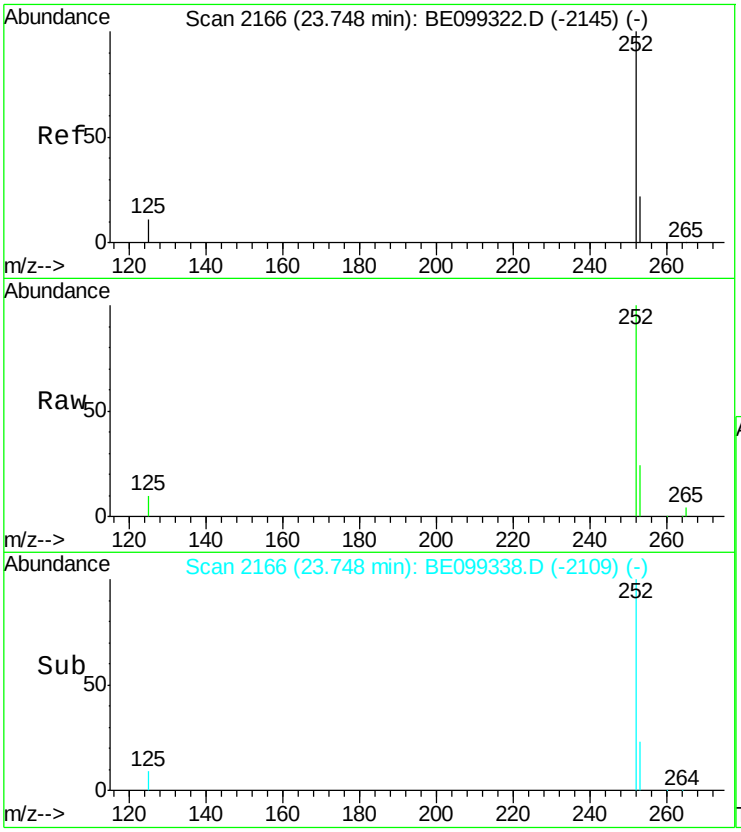


#36
Benzo(k)fluoranthene
Concen: 0.399 ng
RT: 23.14 min Scan# 1995
Delta R.T. 0.00 min
Lab File: BE099338.D
Acq: 18 Apr 2019 15:34

Tgt Ion:252 Resp: 40898

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.4	27.6
125	7.0	5.4	8.0



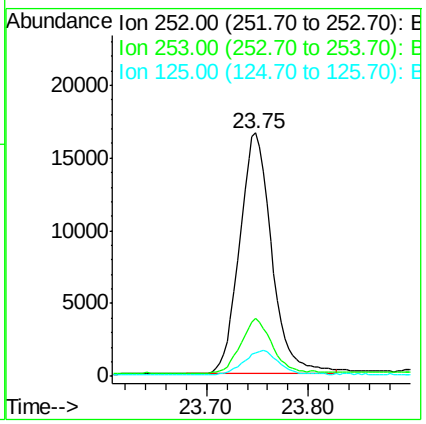


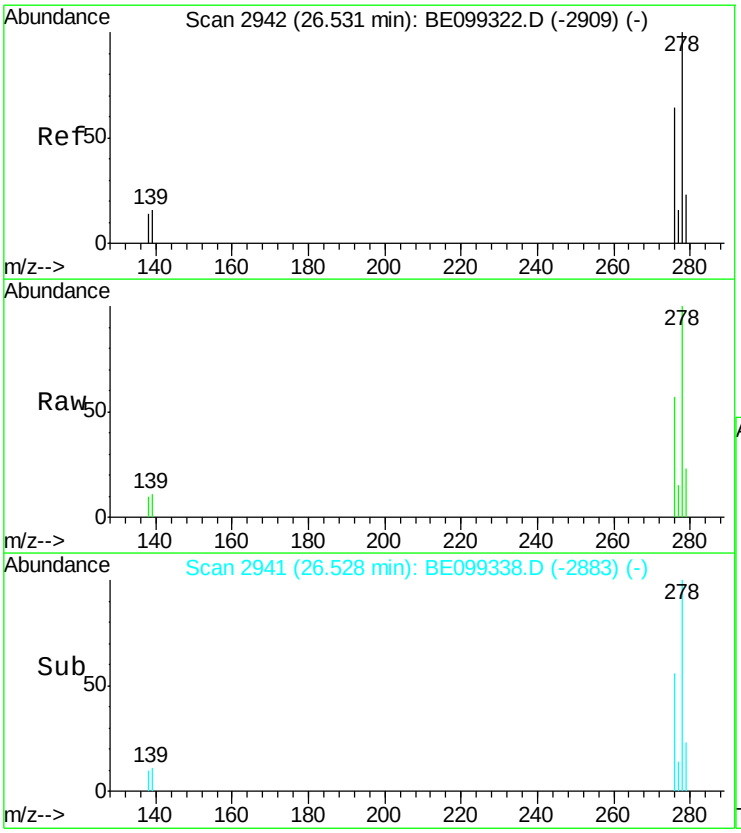
#37
Benzo(a)pyrene
Concen: 0.395 ng
RT: 23.75 min Scan# 2166
Delta R.T. 0.00 min
Lab File: BE099338.D
Acq: 18 Apr 2019 15:34

Instrument :
BNA_E
ClientSampleId :
PB118927BS

Tgt Ion:252 Resp: 36384

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.6	26.4
125	9.7	6.5	9.7#

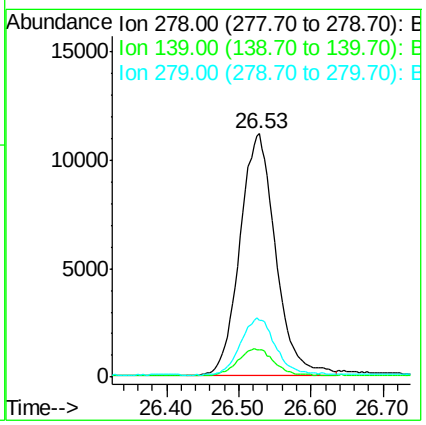


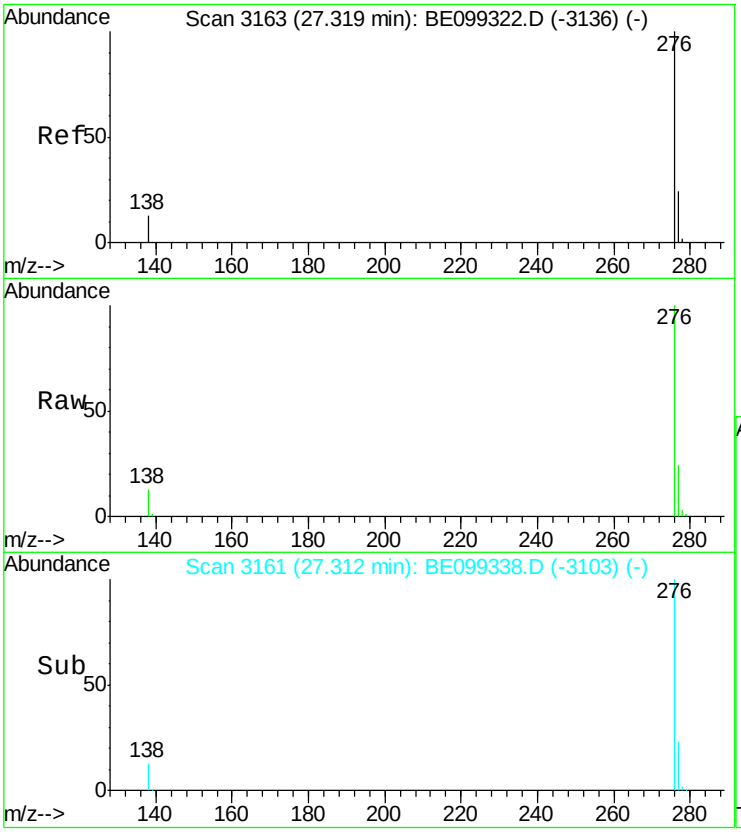


#38
Dibenzo(a,h)anthracene
Concen: 0.399 ng
RT: 26.53 min Scan# 2941
Delta R.T. 0.01 min
Lab File: BE099338.D
Acq: 18 Apr 2019 15:34

Tgt Ion:278 Resp: 37561

Ion	Ratio	Lower	Upper
278	100		
139	11.2	8.5	12.7
279	23.5	19.8	29.8





#39
Benzo(g,h,i)perylene
Concen: 0.399 ng
RT: 27.31 min Scan# 3161
Delta R.T. 0.01 min
Lab File: BE099338.D
Acq: 18 Apr 2019 15:34

Instrument :
BNA_E
ClientSampleId :
PB118927BS

Tgt Ion:276 Resp: 38080

Ion	Ratio	Lower	Upper
276	100		
277	23.8	20.0	30.0
138	13.3	11.1	16.7