Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE041519\
Data File : BE099328.D
Acq On : 15 Apr 2019 16:29
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Apr 15 19:00:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE040219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 02 17:16:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	5259	0.40	ng		-0.03
7) Naphthalene-d8	10.61	136	20471	0.40	ng		-0.01
13) Acenaphthene-d10	14.46	164	14853	0.40	ng		-0.03
19) Phenanthrene-d10	17.19	188	42675	0.40	ng		-0.03
27) Chrysene-d12	21.37	240	53217	0.40	ng		-0.02
34) Perylene-d12	23.86	264	53596	0.40	ng		-0.03
System Monitoring Compounds							
4) 2-Fluorophenol	5.39	112	5687	0.41	ng		-0.03
5) Phenol-d6	6.97	99	8357	0.43	ng		-0.01
8) Nitrobenzene-d5	8.96	82	6691	0.48	ng		-0.03
11) 2-Methylnaphthalene-d10	12.21	152	15361	0.43	ng		-0.02
14) 2,4,6-Tribromophenol	15.94	330	2680	0.39	ng		-0.01
15) 2-Fluorobiphenyl	13.09	172	24536	0.42	ng		-0.02
25) Fluoranthene-d10	19.22	212	221112	0.39	ng		-0.02
29) Terphenyl-d14	19.82	244	44799	0.46	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.32	88	3055	0.426	ng		98
3) n-Nitrosodimethylamine	3.65	42	1714	0.405	ng	#	95
6) bis(2-Chloroethyl)ether	7.24	93	7314	0.425	ng		99
9) Naphthalene	10.65	128	96778	0.435	ng		99
10) Hexachlorobutadiene	10.94	225	6065	0.419	ng		98
12) 2-Methylnaphthalene	12.28	142	16136	0.426	ng		96
16) Acenaphthylene	14.18	152	27983	0.398	ng		99
17) Acenaphthene	14.53	154	17533	0.422	ng		99
18) Fluorene	15.49	166	24910	0.415	ng		98
20) 4-Bromophenyl-phenylether	16.38	248	9726	0.402	ng	#	82
21) Hexachlorobenzene	16.49	284	9579	0.415	ng		99
22) Pentachlorophenol	16.84	266	4545	0.475	ng		87
23) Phenanthrene	17.23	178	47932	0.434	ng		100
24) Anthracene	17.32	178	42577	0.409	ng		100
26) Fluoranthene	19.25	202	64667	0.397	ng		99
28) Pyrene	19.61	202	66659	0.474	ng		99
30) Benzo(a)anthracene	21.34	228	67976	0.406	ng		98
31) Chrysene	21.40	228	70273	0.428	ng		99
32) Bis(2-ethylhexyl)phthalate	21.27	149	77137	0.361	ng		100
33) Indeno(1,2,3-cd)pyrene	26.50	276	74890	0.399	ng		97
35) Benzo(b)fluoranthene	23.14	252	68062	0.426	ng		99
36) Benzo(k)fluoranthene	23.14	252	68475	0.440	ng		99
37) Benzo(a)pyrene	23.75	252	61757	0.411	ng	#	94
38) Dibenzo(a,h)anthracene	26.53	278	61802	0.413	ng	#	96
39) Benzo(g,h,i)perylene	27.32	276	61403	0.412	ng		99

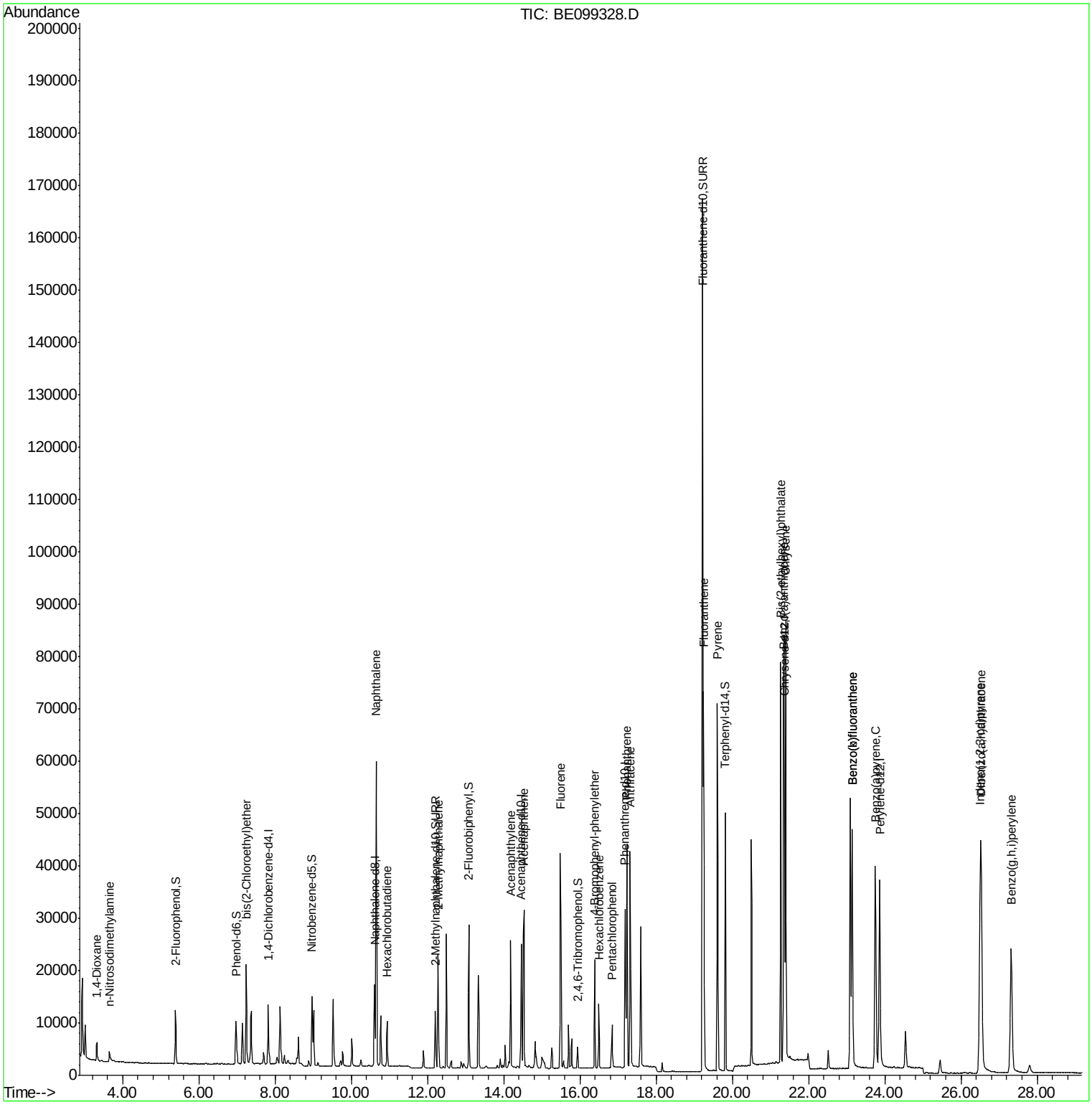
(#) = qualifier out of range (m) = manual integration (+) = signals summed

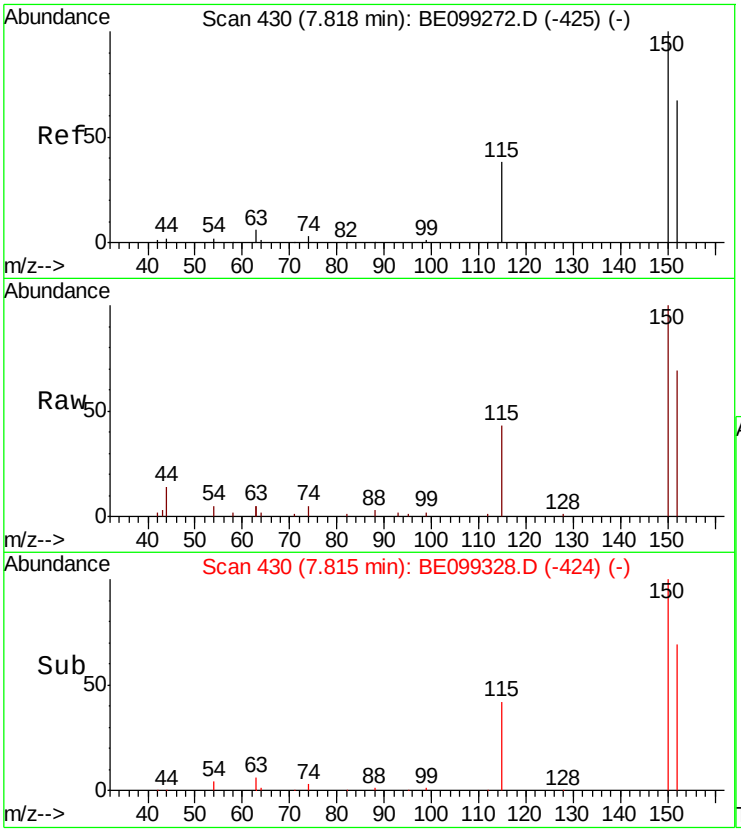
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE041519\
Data File : BE099328.D
Acq On : 15 Apr 2019 16:29
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Apr 15 19:00:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE040219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 02 17:16:42 2019
Response via : Initial Calibration



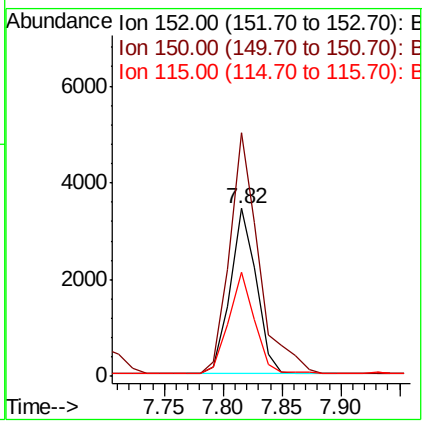


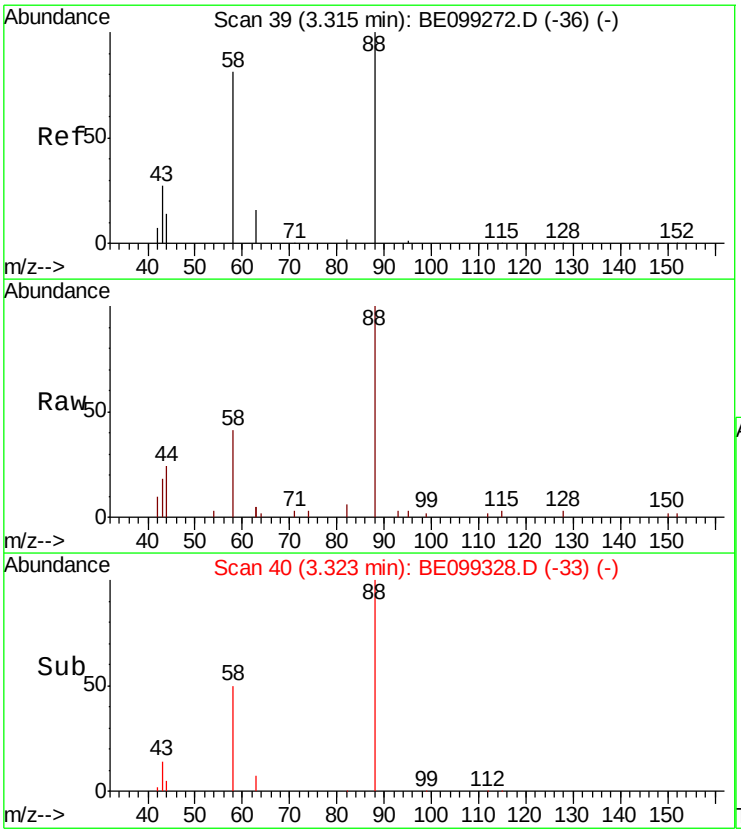
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. -0.03 min
Lab File: BE099328.D
Acq: 15 Apr 2019 16:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 5259

Ion	Ratio	Lower	Upper
152	100		
150	145.2	112.8	169.2
115	62.0	45.1	67.7

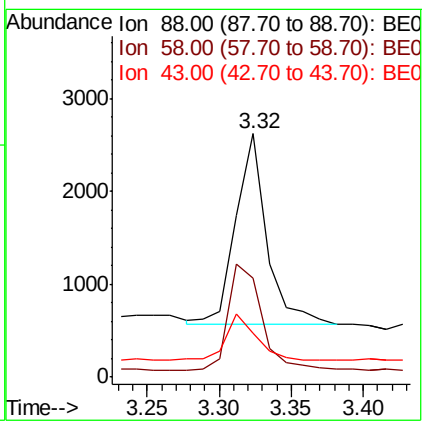


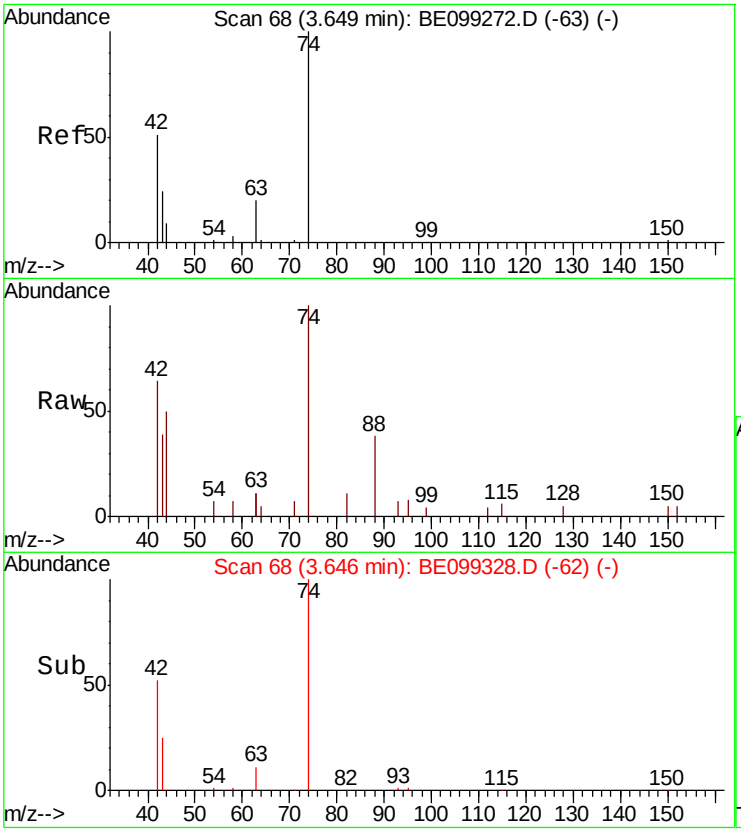


#2
1,4-Dioxane
Concen: 0.426 ng
RT: 3.32 min Scan# 40
Delta R.T. -0.01 min
Lab File: BE099328.D
Acq: 15 Apr 2019 16:29

Tgt Ion: 88 Resp: 3055

Ion	Ratio	Lower	Upper
88	100		
58	59.8	47.4	71.0
43	22.9	15.6	23.4



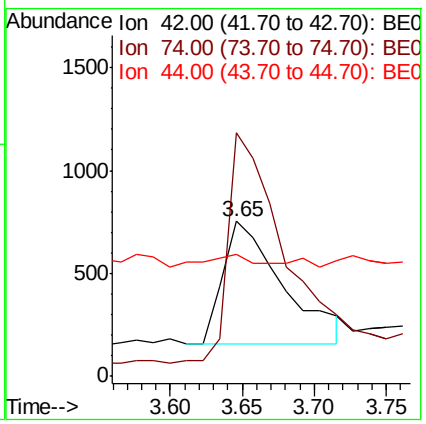


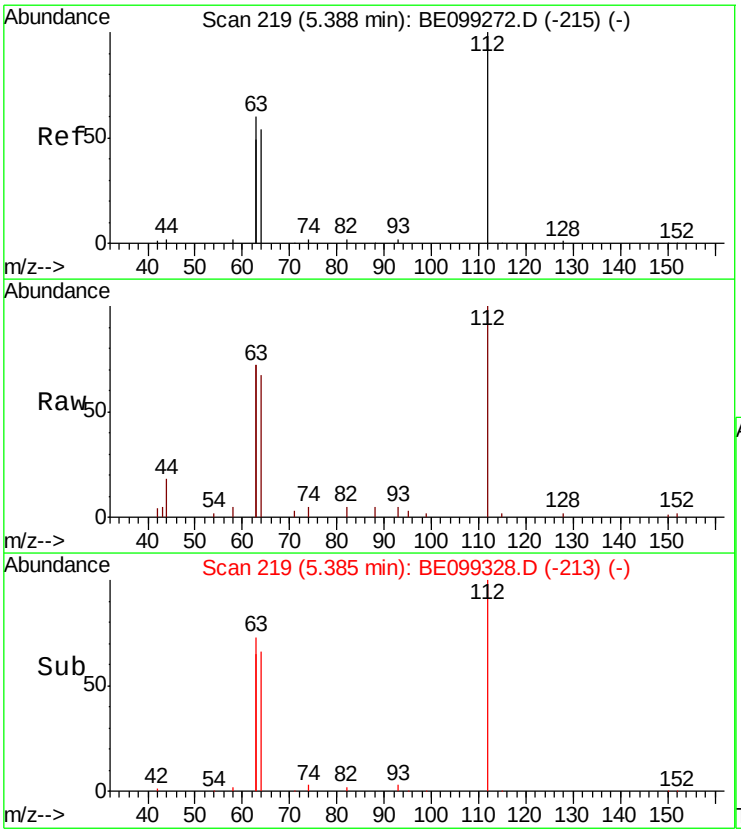
#3
n-Nitrosodimethylamine
Concen: 0.405 ng
RT: 3.65 min Scan# 68
Delta R.T. -0.03 min
Lab File: BE099328.D
Acq: 15 Apr 2019 16:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 1714

Ion	Ratio	Lower	Upper
42	100		
74	177.9	138.6	207.8
44	8.5	15.0	22.6#

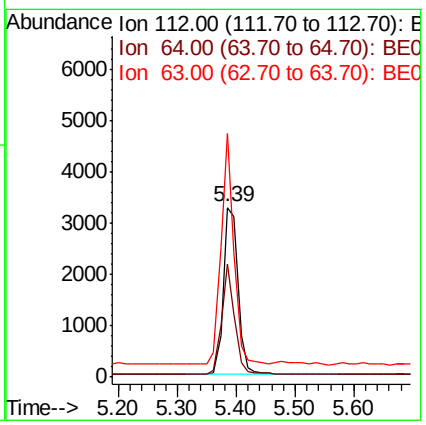


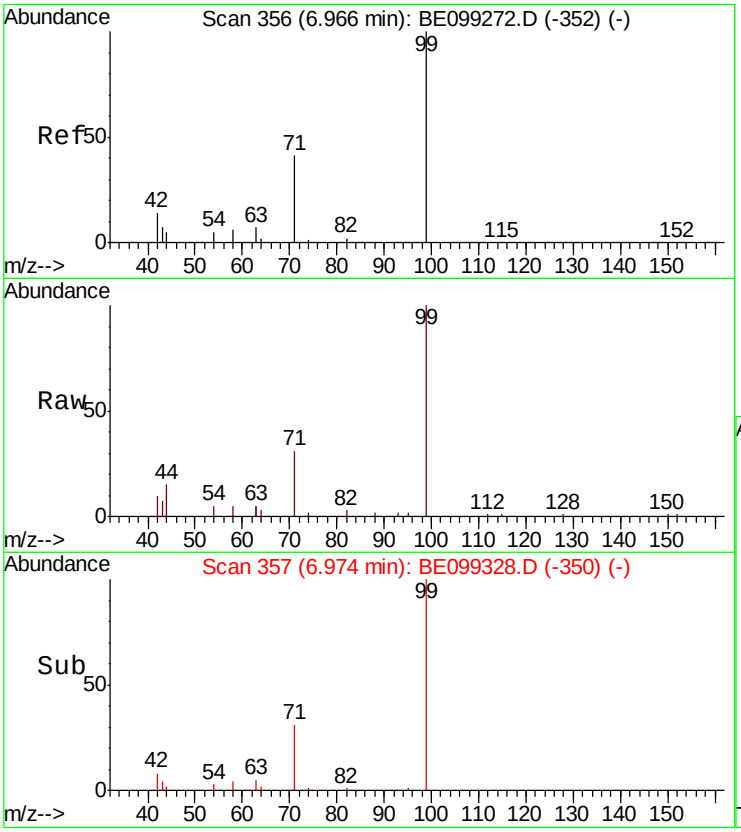


#4
2-Fluorophenol
Concen: 0.407 ng
RT: 5.39 min Scan# 219
Delta R.T. -0.03 min
Lab File: BE099328.D
Acq: 15 Apr 2019 16:29

Tgt Ion:112 Resp: 5687

Ion	Ratio	Lower	Upper
112	100		
64	58.6	46.2	69.2
63	118.5	89.9	134.9



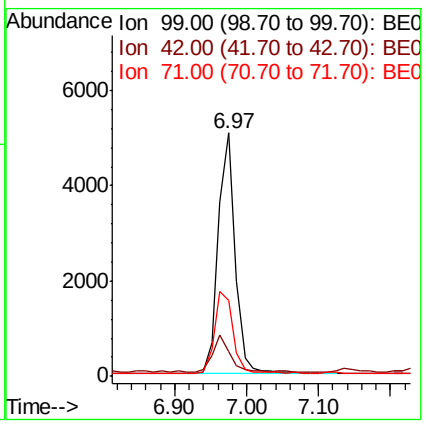


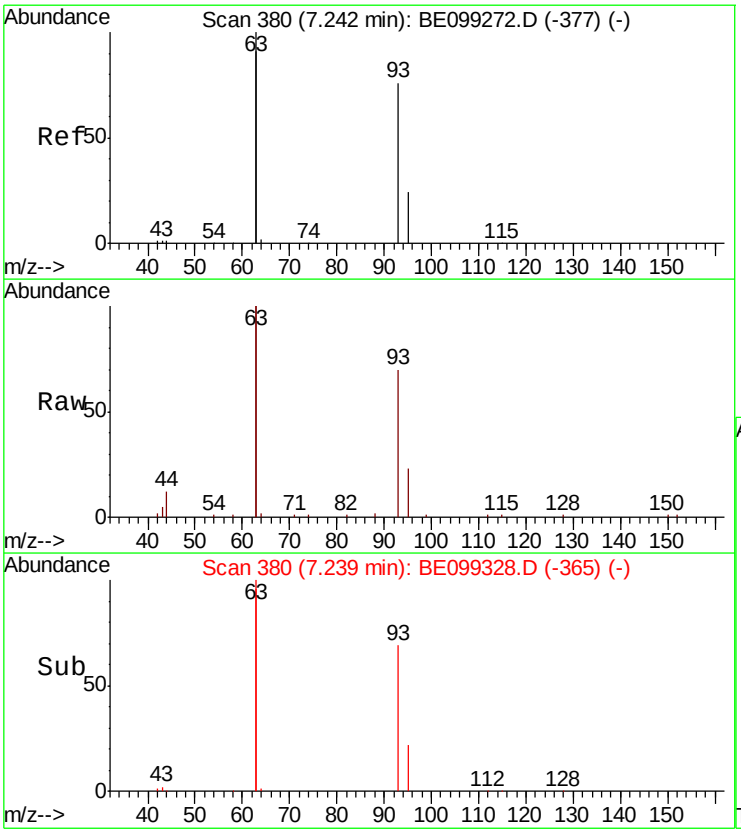
#5
Phenol-d6
Concen: 0.435 ng
RT: 6.97 min Scan# 357
Delta R.T. -0.01 min
Lab File: BE099328.D
Acq: 15 Apr 2019 16:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 8357

Ion	Ratio	Lower	Upper
99	100		
42	15.0	12.4	18.6
71	37.1	28.4	42.6

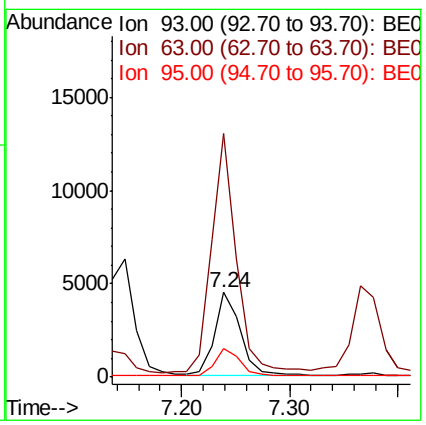


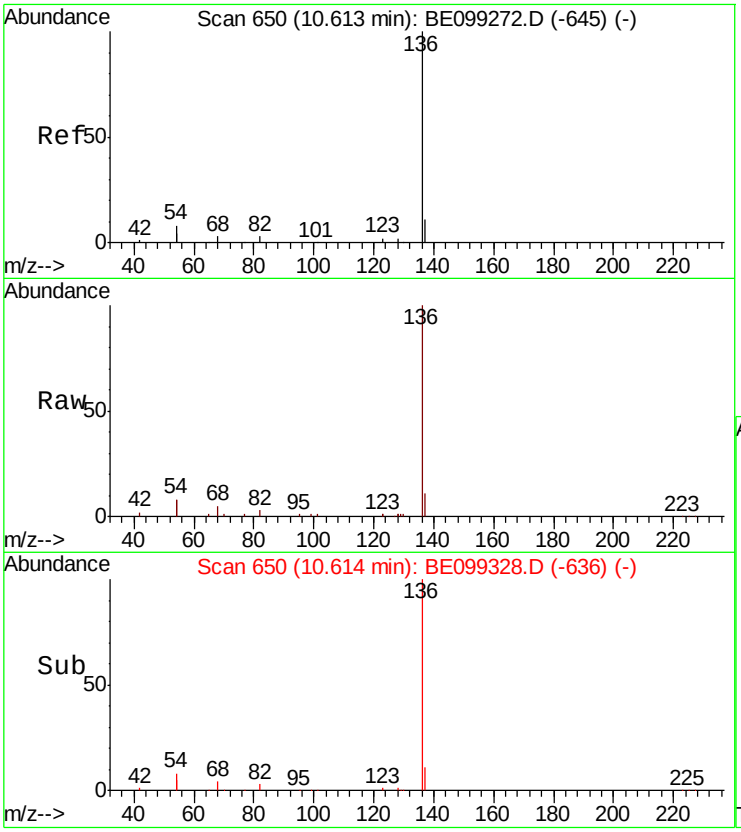


#6
bis(2-Chloroethyl)ether
Concen: 0.425 ng
RT: 7.24 min Scan# 380
Delta R.T. -0.03 min
Lab File: BE099328.D
Acq: 15 Apr 2019 16:29

Tgt Ion: 93 Resp: 7314

Ion	Ratio	Lower	Upper
93	100		
63	277.7	221.4	332.0
95	33.1	25.8	38.8



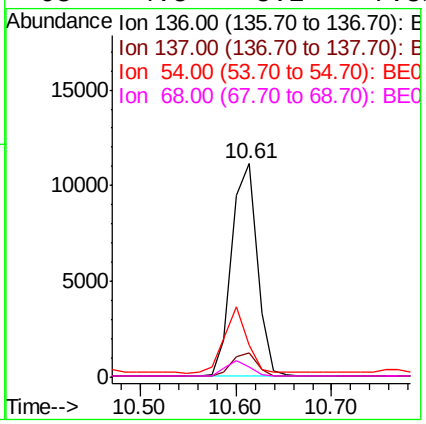


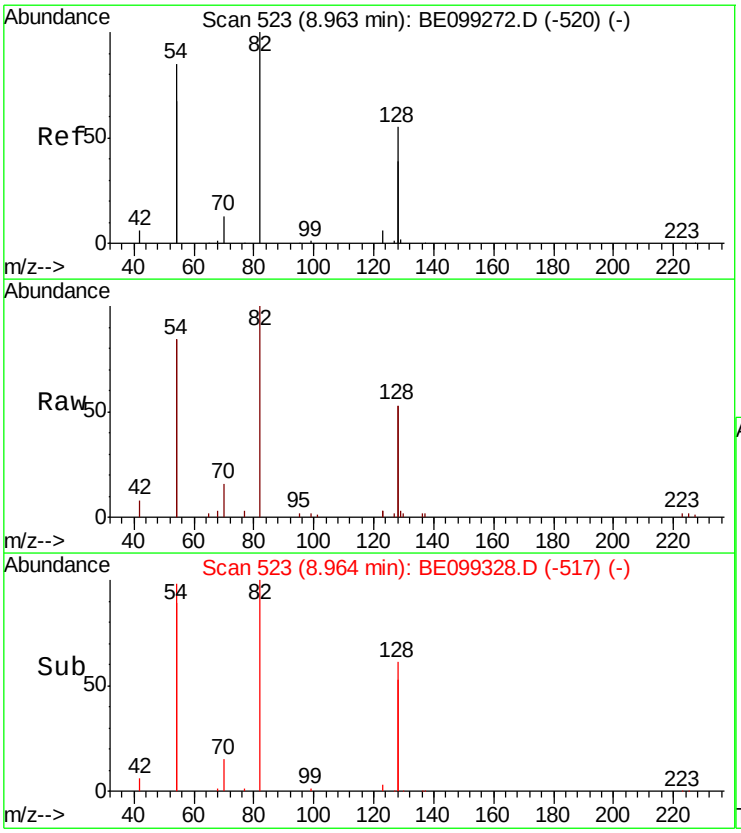
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.61 min Scan# 650
Delta R.T. -0.01 min
Lab File: BE099328.D
Acq: 15 Apr 2019 16:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 20471

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	15.2	18.7	28.1#
68	4.5	5.2	7.8#

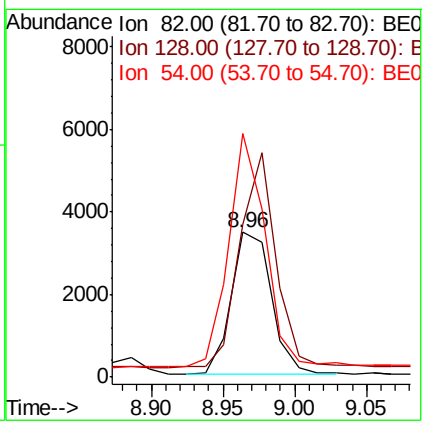


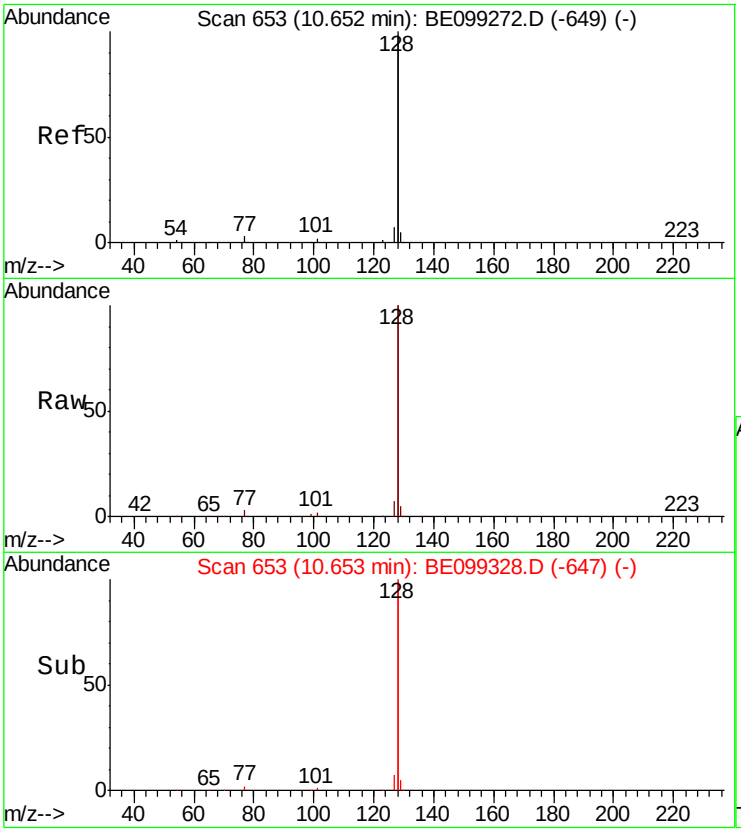


#8
Nitrobenzene-d5
Concen: 0.476 ng
RT: 8.96 min Scan# 523
Delta R.T. -0.03 min
Lab File: BE099328.D
Acq: 15 Apr 2019 16:29

Tgt Ion: 82 Resp: 6691

Ion	Ratio	Lower	Upper
82	100		
128	105.3	107.5	161.3#
54	168.5	106.3	159.5#



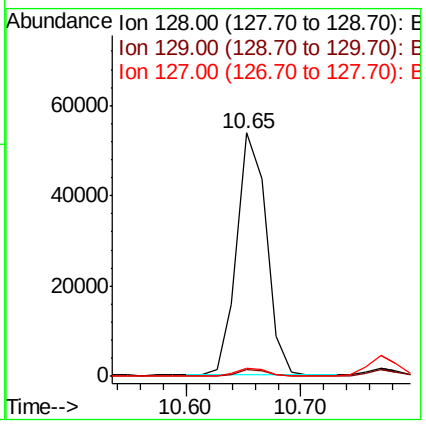


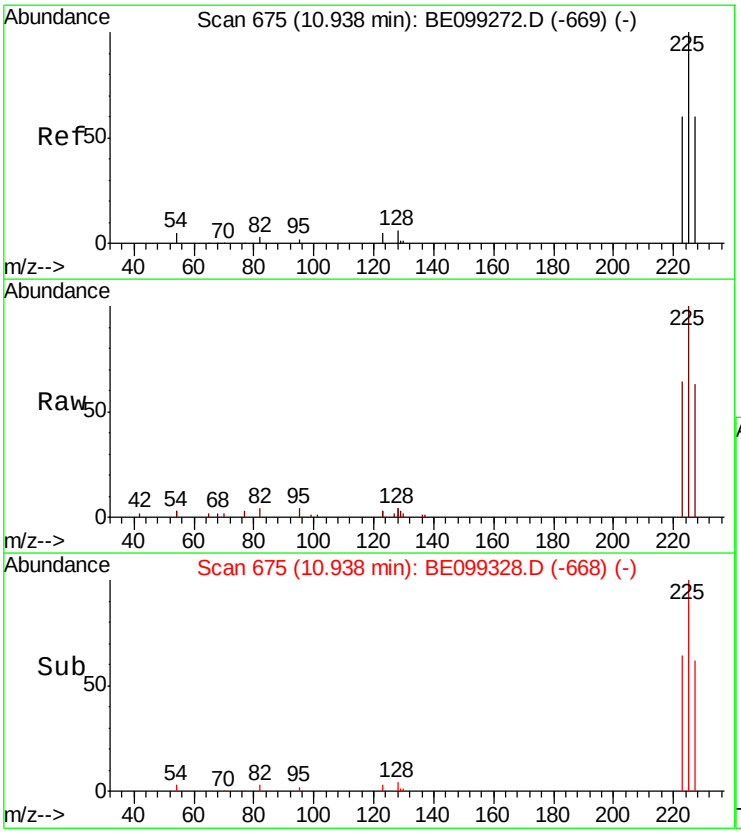
#9
Naphthalene
Concen: 0.435 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.03 min
Lab File: BE099328.D
Acq: 15 Apr 2019 16:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 96778

Ion	Ratio	Lower	Upper
128	100		
129	2.7	2.3	3.5
127	3.5	2.6	3.8

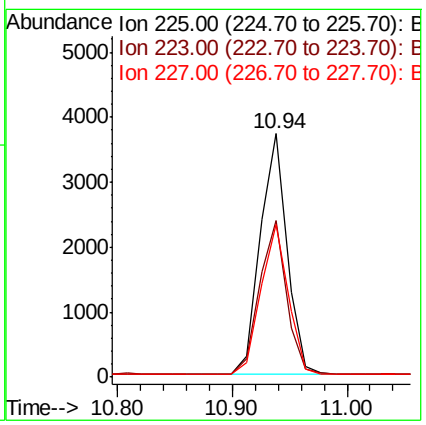


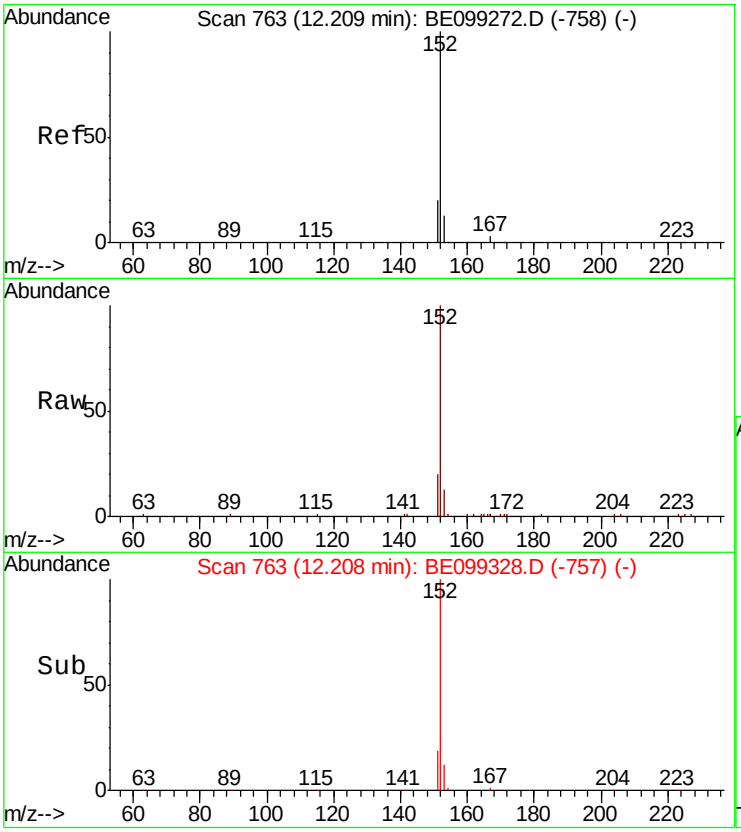


#10
Hexachlorobutadiene
Concen: 0.419 ng
RT: 10.94 min Scan# 675
Delta R.T. -0.01 min
Lab File: BE099328.D
Acq: 15 Apr 2019 16:29

Tgt Ion:225 Resp: 6065

Ion	Ratio	Lower	Upper
225	100		
223	63.7	51.3	76.9
227	63.4	48.6	73.0



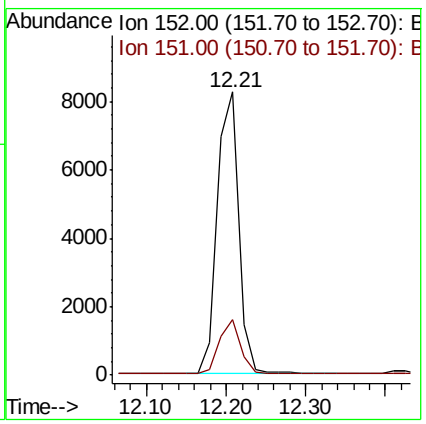


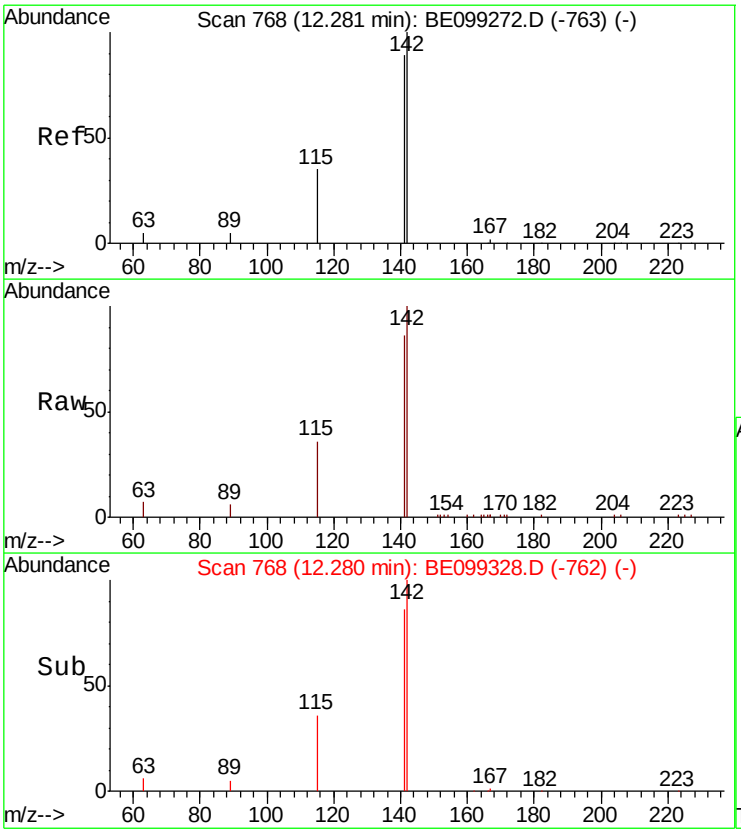
#11
2-Methylnaphthalene-d10
Concen: 0.430 ng
RT: 12.21 min Scan# 763
Delta R.T. -0.02 min
Lab File: BE099328.D
Acq: 15 Apr 2019 16:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 15361

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.0	22.6

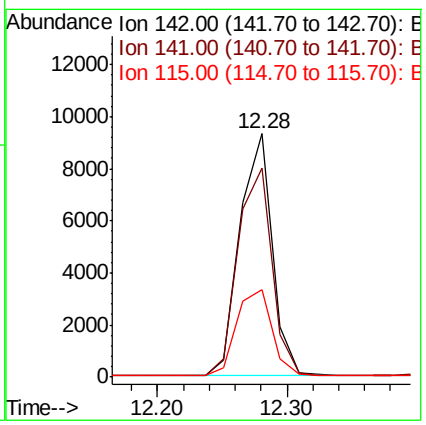


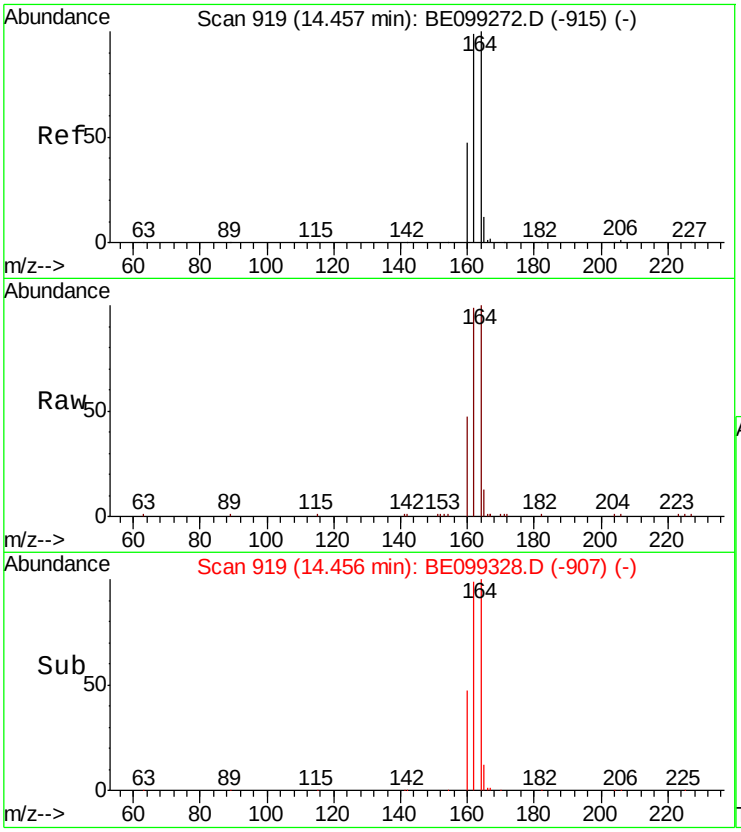


#12
2-Methylnaphthalene
Concen: 0.426 ng
RT: 12.28 min Scan# 768
Delta R.T. -0.02 min
Lab File: BE099328.D
Acq: 15 Apr 2019 16:29

Tgt Ion:142 Resp: 16136

Ion	Ratio	Lower	Upper
142	100		
141	85.6	71.3	106.9
115	36.1	30.4	45.6



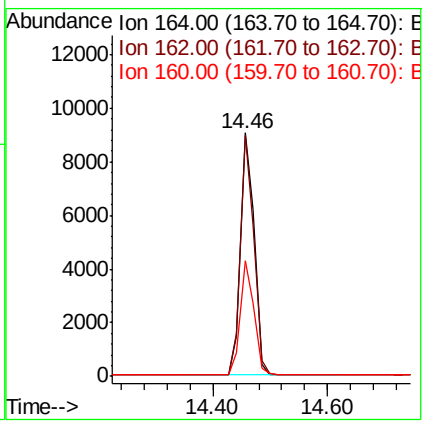


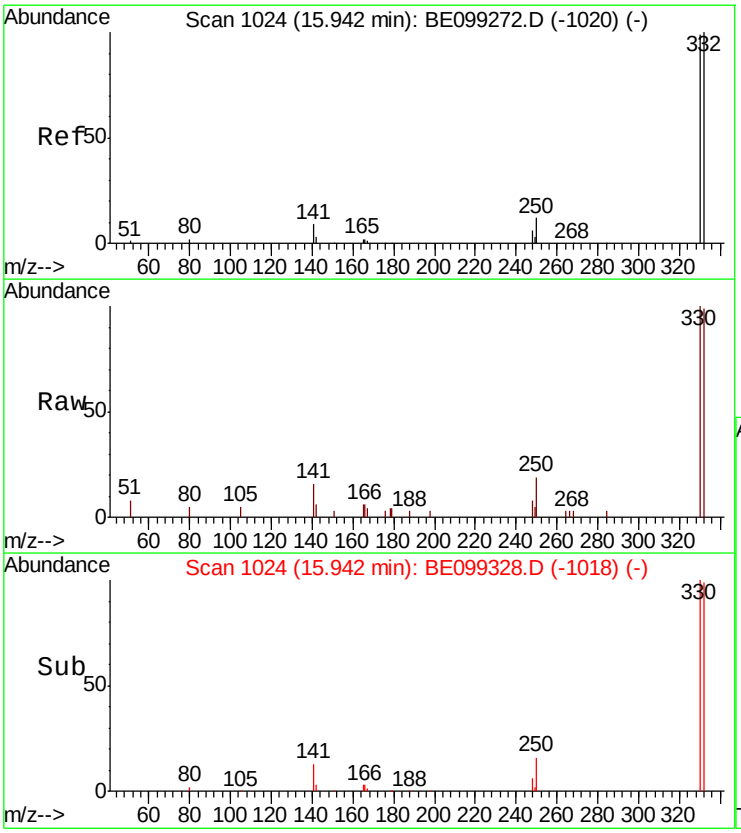
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.03 min
Lab File: BE099328.D
Acq: 15 Apr 2019 16:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 14853

Ion	Ratio	Lower	Upper
164	100		
162	99.2	79.2	118.8
160	47.3	36.7	55.1

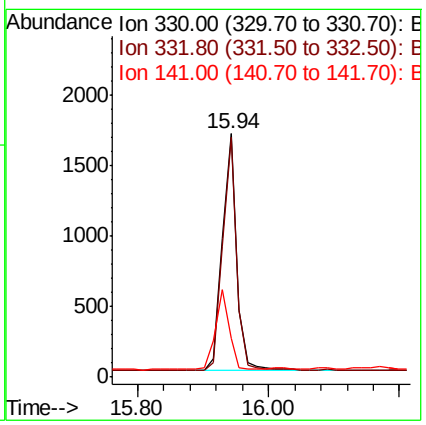


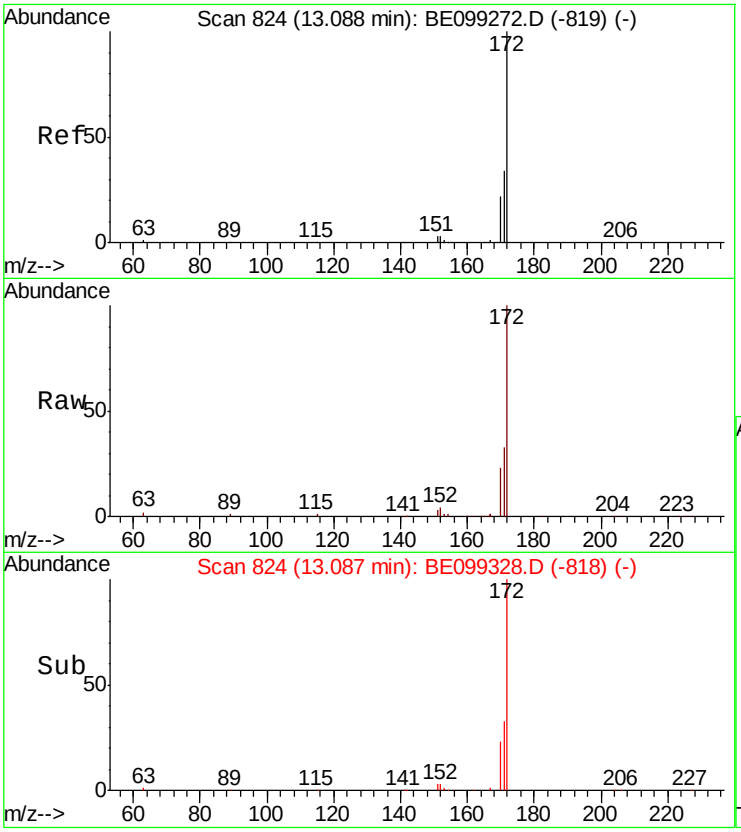


#14
2,4,6-Tribromophenol
Concen: 0.392 ng
RT: 15.94 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BE099328.D
Acq: 15 Apr 2019 16:29

Tgt Ion:330 Resp: 2680

Ion	Ratio	Lower	Upper
330	100		
332	94.5	71.3	106.9
141	31.5	21.7	32.5



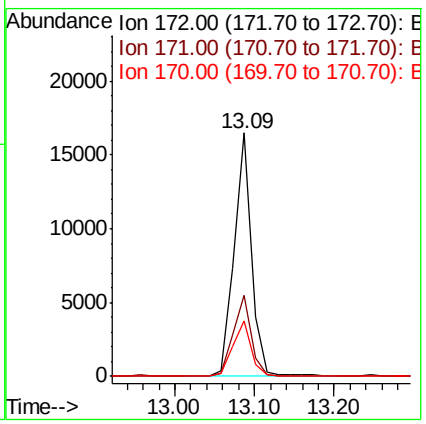


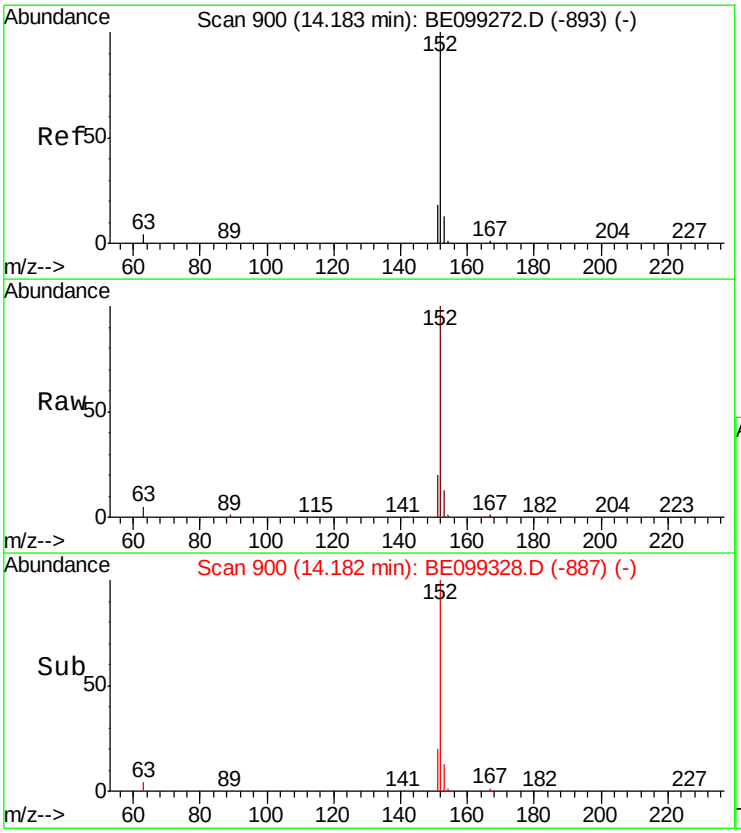
#15
2-Fluorobiphenyl
Concen: 0.420 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.02 min
Lab File: BE099328.D
Acq: 15 Apr 2019 16:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 24536

Ion	Ratio	Lower	Upper
172	100		
171	33.4	27.4	41.0
170	22.7	19.1	28.7

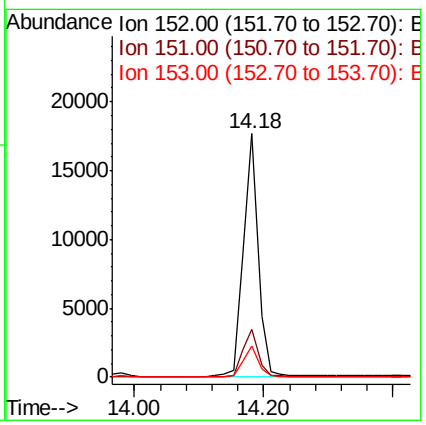


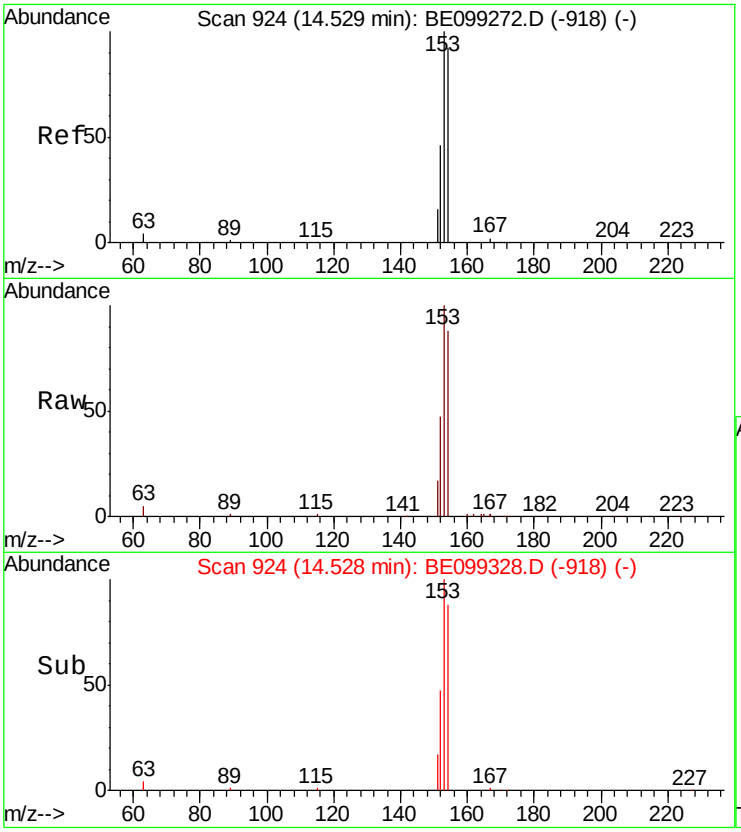


#16
Acenaphthylene
Concen: 0.398 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.02 min
Lab File: BE099328.D
Acq: 15 Apr 2019 16:29

Tgt Ion:152 Resp: 27983

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.7	23.5
153	12.5	10.6	15.8



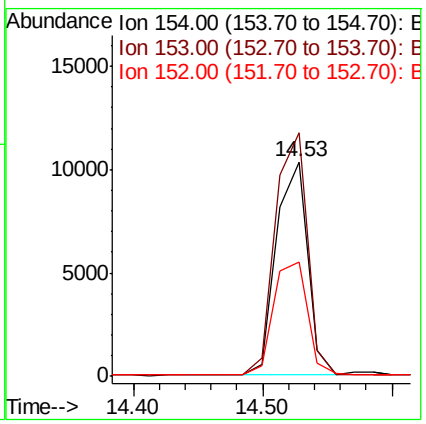


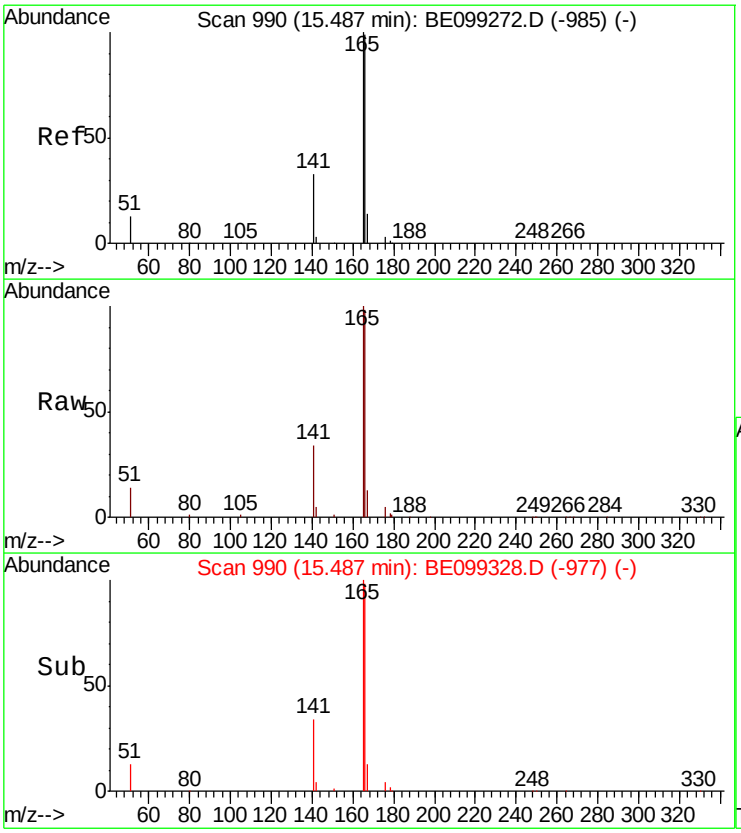
#17
Acenaphthene
Concen: 0.422 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.02 min
Lab File: BE099328.D
Acq: 15 Apr 2019 16:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 17533

Ion	Ratio	Lower	Upper
154	100		
153	115.7	93.4	140.0
152	57.1	46.6	69.8

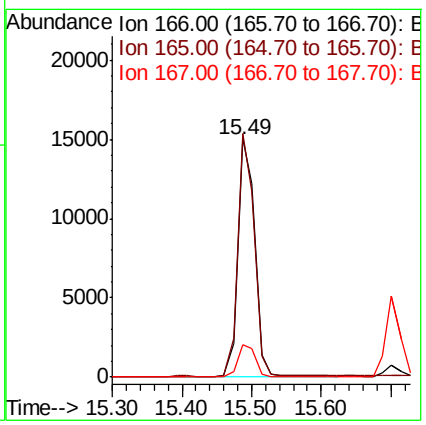


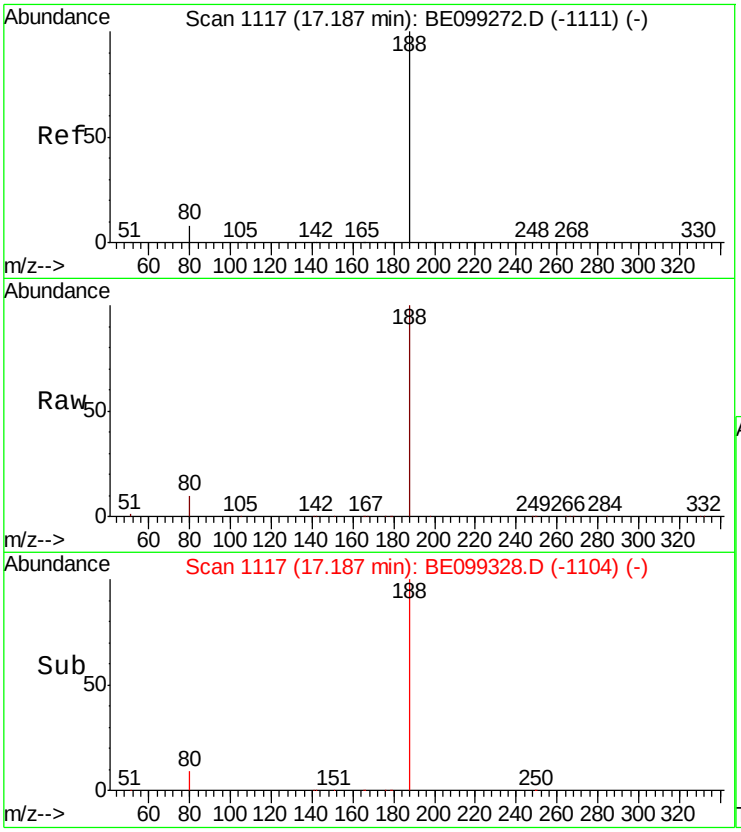


#18
Fluorene
Concen: 0.415 ng
RT: 15.49 min Scan# 990
Delta R.T. -0.03 min
Lab File: BE099328.D
Acq: 15 Apr 2019 16:29

Tgt Ion:166 Resp: 24910

Ion	Ratio	Lower	Upper
166	100		
165	100.3	78.9	118.3
167	13.7	10.9	16.3



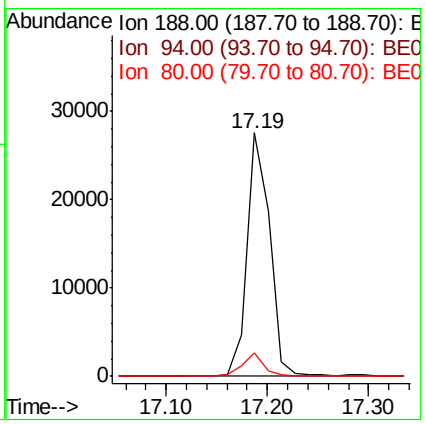


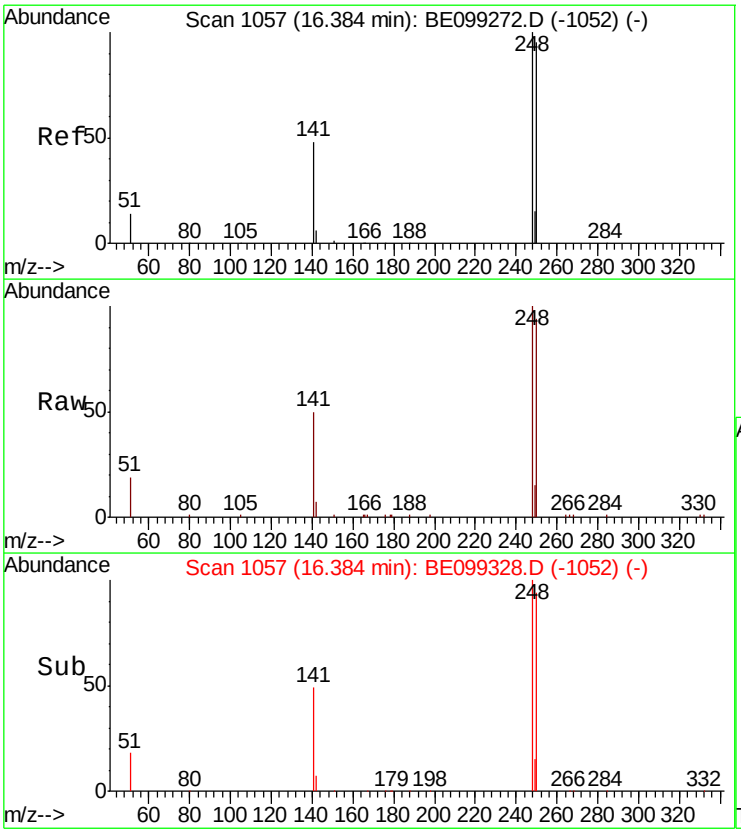
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.19 min Scan# 1117
Delta R.T. -0.03 min
Lab File: BE099328.D
Acq: 15 Apr 2019 16:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 42675

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.6	4.5	6.7#

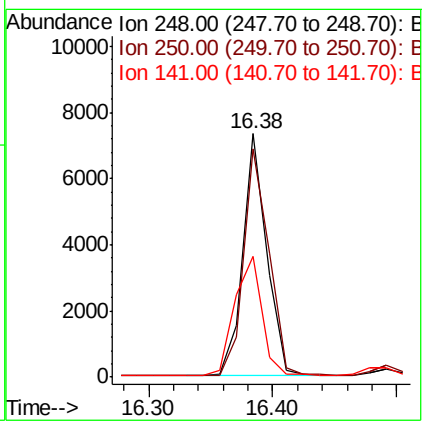


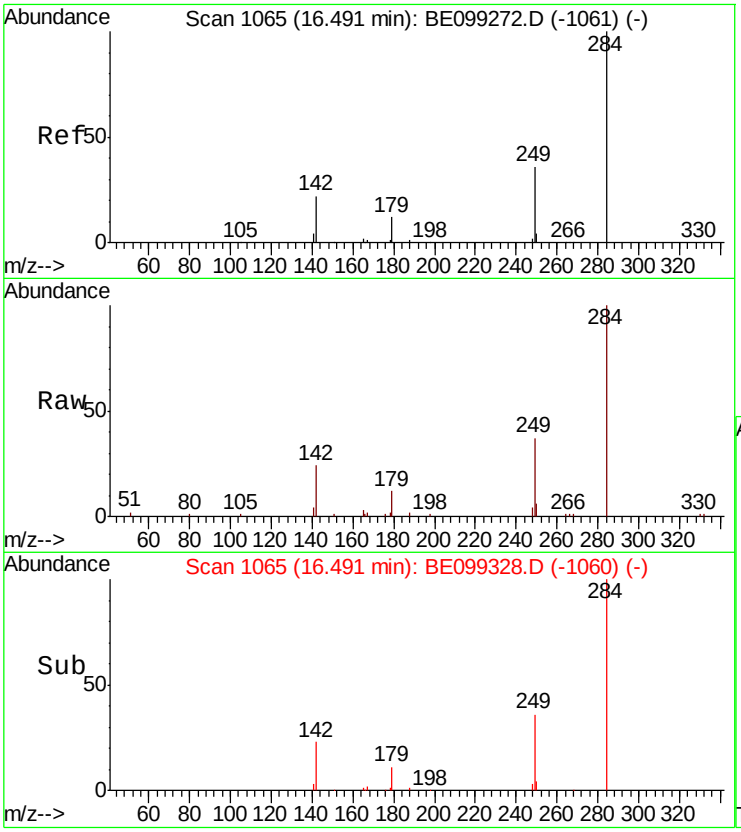


#20
4-Bromophenyl-phenylether
Concen: 0.402 ng
RT: 16.38 min Scan# 1057
Delta R.T. -0.03 min
Lab File: BE099328.D
Acq: 15 Apr 2019 16:29

Tgt Ion:248 Resp: 9726

Ion	Ratio	Lower	Upper
248	100		
250	93.7	84.2	126.2
141	49.5	21.8	32.6#



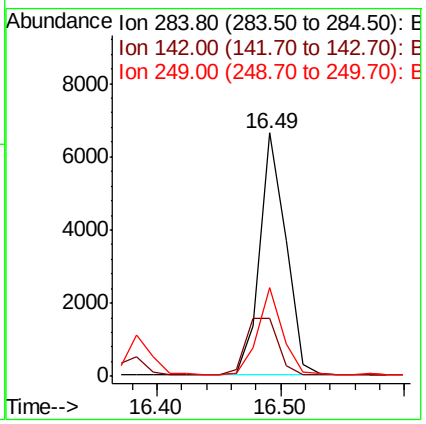


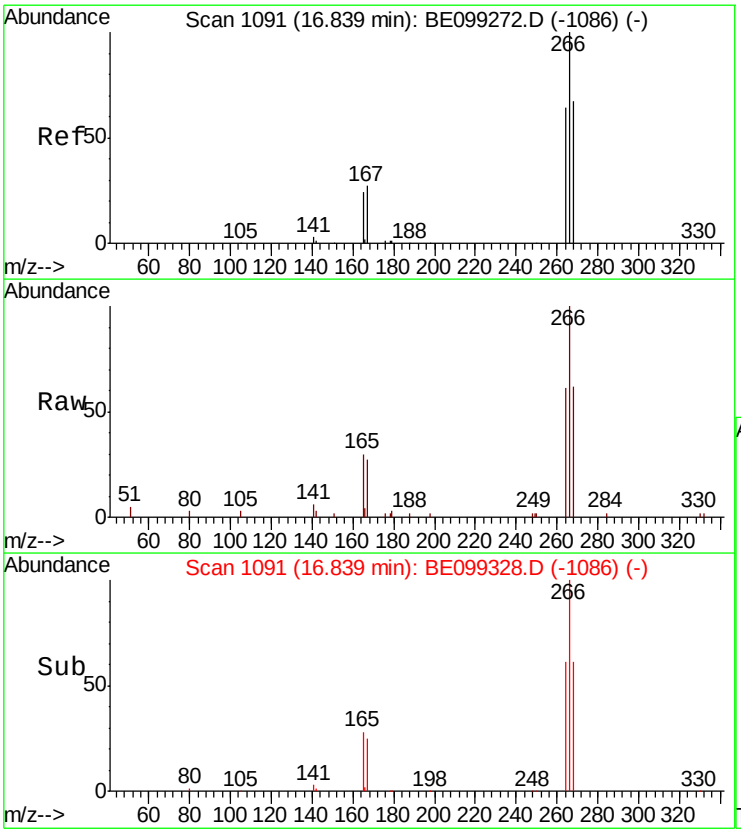
#21
Hexachlorobenzene
Concen: 0.415 ng
RT: 16.49 min Scan# 1065
Delta R.T. -0.03 min
Lab File: BE099328.D
Acq: 15 Apr 2019 16:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 9579

Ion	Ratio	Lower	Upper
284	100		
142	28.8	22.7	34.1
249	34.0	26.9	40.3

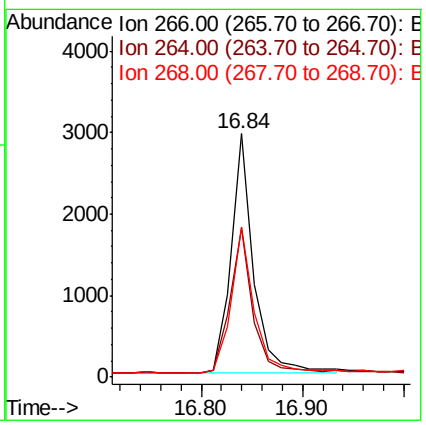


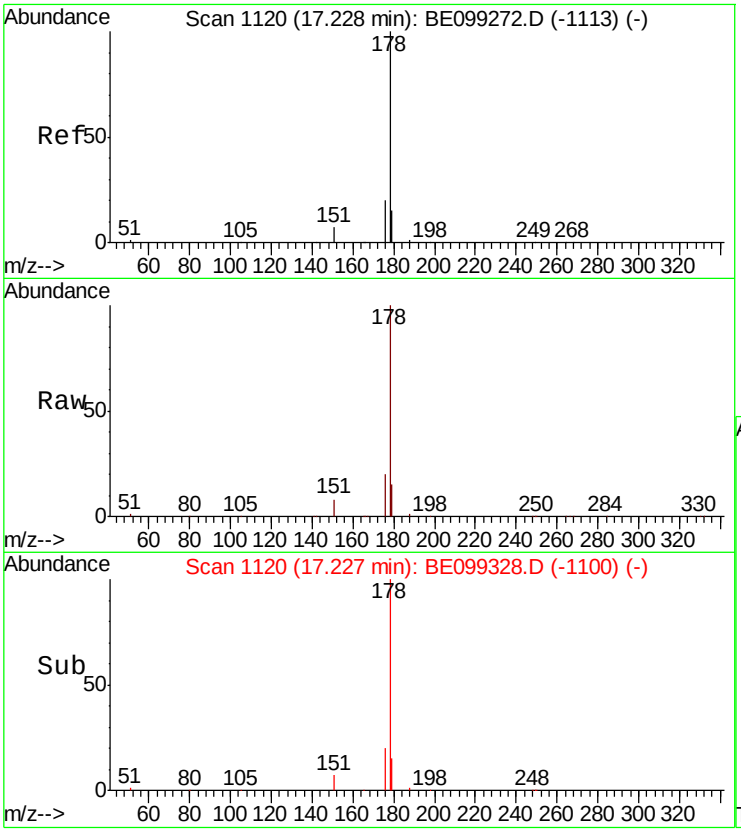


#22
Pentachlorophenol
Concen: 0.475 ng
RT: 16.84 min Scan# 1091
Delta R.T. -0.03 min
Lab File: BE099328.D
Acq: 15 Apr 2019 16:29

Tgt Ion:266 Resp: 4545

Ion	Ratio	Lower	Upper
266	100		
264	61.0	54.4	81.6
268	61.8	61.3	91.9



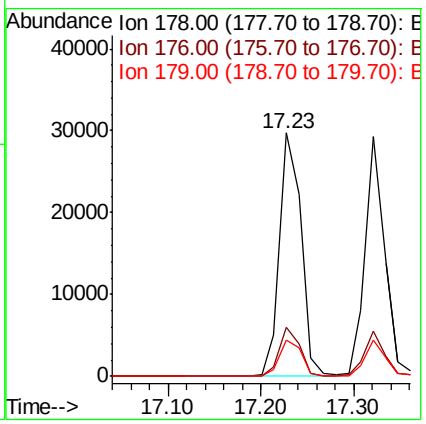


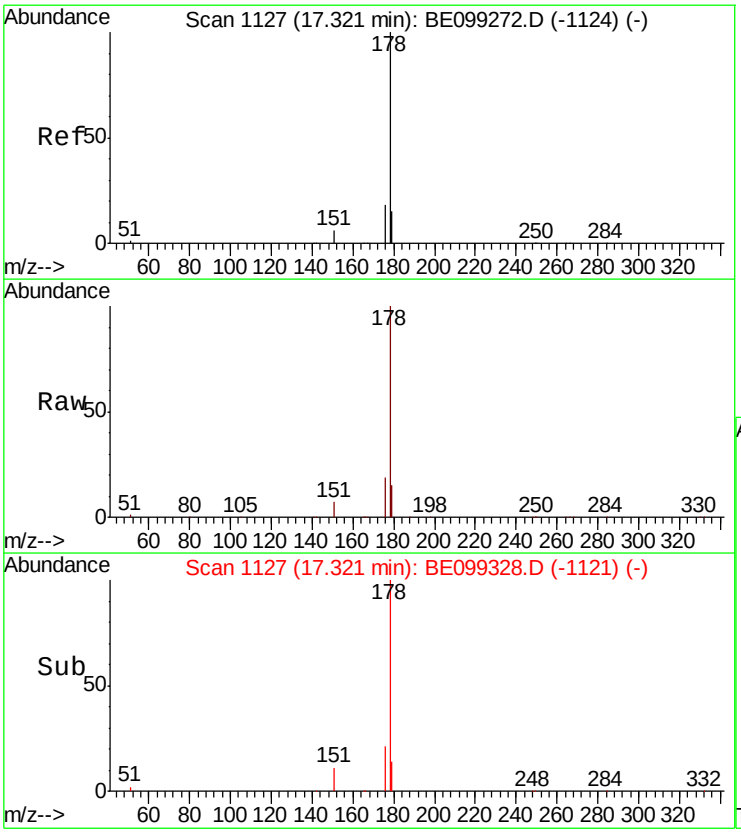
#23
Phenanthrene
Concen: 0.434 ng
RT: 17.23 min Scan# 1120
Delta R.T. -0.03 min
Lab File: BE099328.D
Acq: 15 Apr 2019 16:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 47932

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.3	12.3	18.5

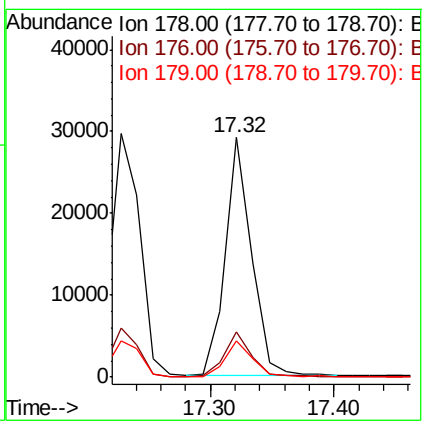


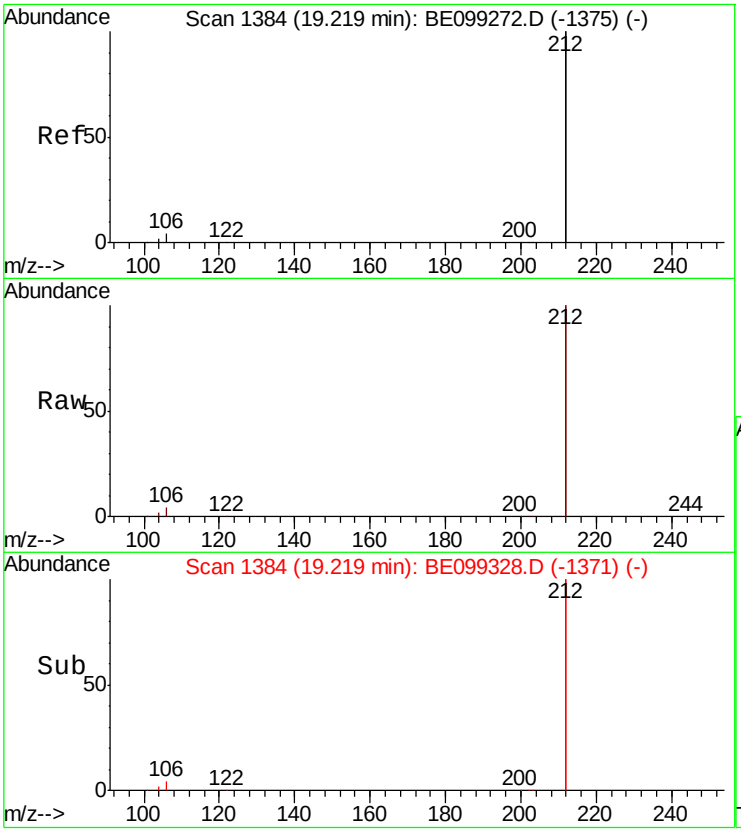


#24
Anthracene
Concen: 0.409 ng
RT: 17.32 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BE099328.D
Acq: 15 Apr 2019 16:29

Tgt Ion:178 Resp: 42577

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.1	22.7
179	15.1	12.4	18.6



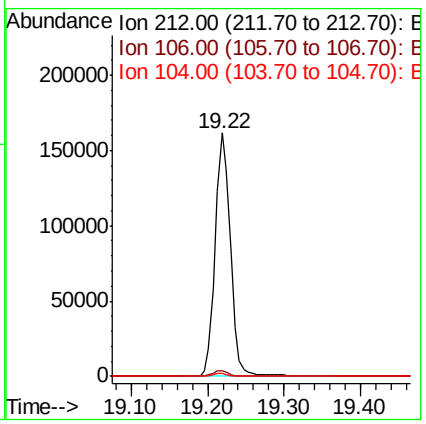


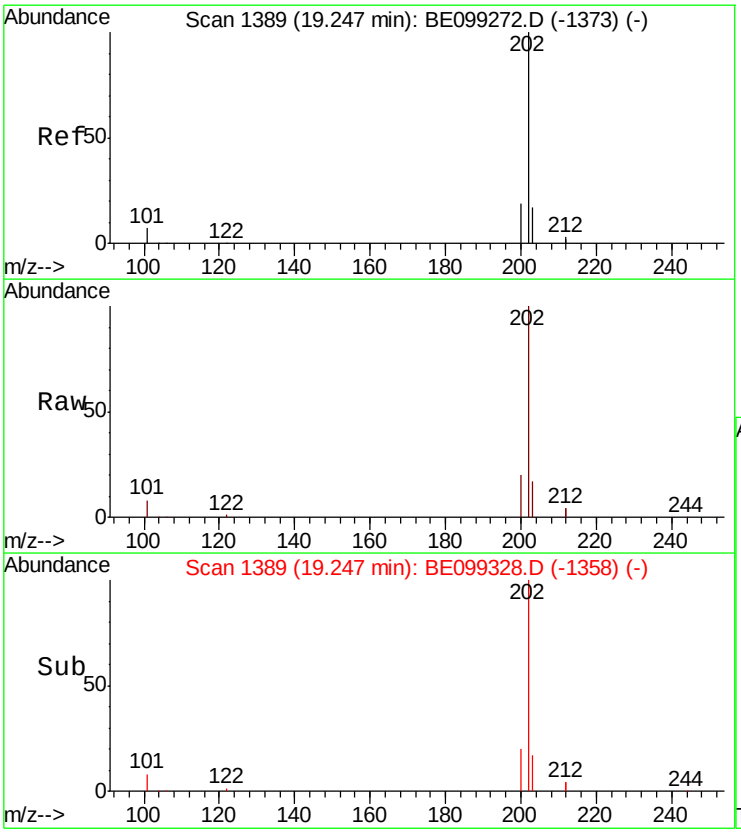
#25
Fluoranthene-d10
Concen: 0.393 ng
RT: 19.22 min Scan# 1384
Delta R.T. -0.02 min
Lab File: BE099328.D
Acq: 15 Apr 2019 16:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 221112

Ion	Ratio	Lower	Upper
212	100		
106	2.1	1.8	2.8
104	1.2	1.1	1.7

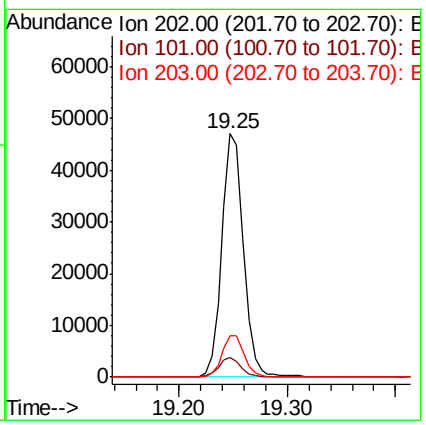


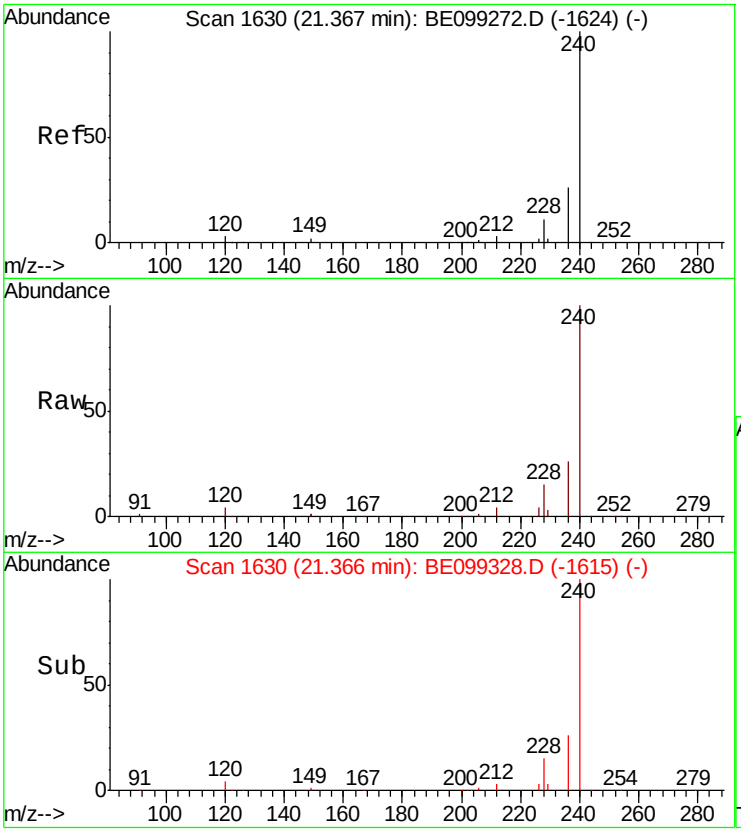


#26
Fluoranthene
Concen: 0.397 ng
RT: 19.25 min Scan# 1389
Delta R.T. -0.02 min
Lab File: BE099328.D
Acq: 15 Apr 2019 16:29

Tgt Ion:202 Resp: 64667

Ion	Ratio	Lower	Upper
202	100		
101	8.1	7.0	10.4
203	17.1	13.8	20.6



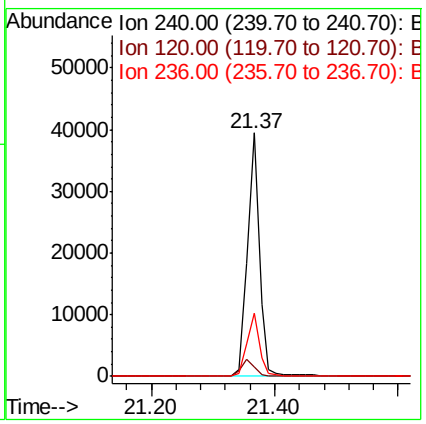


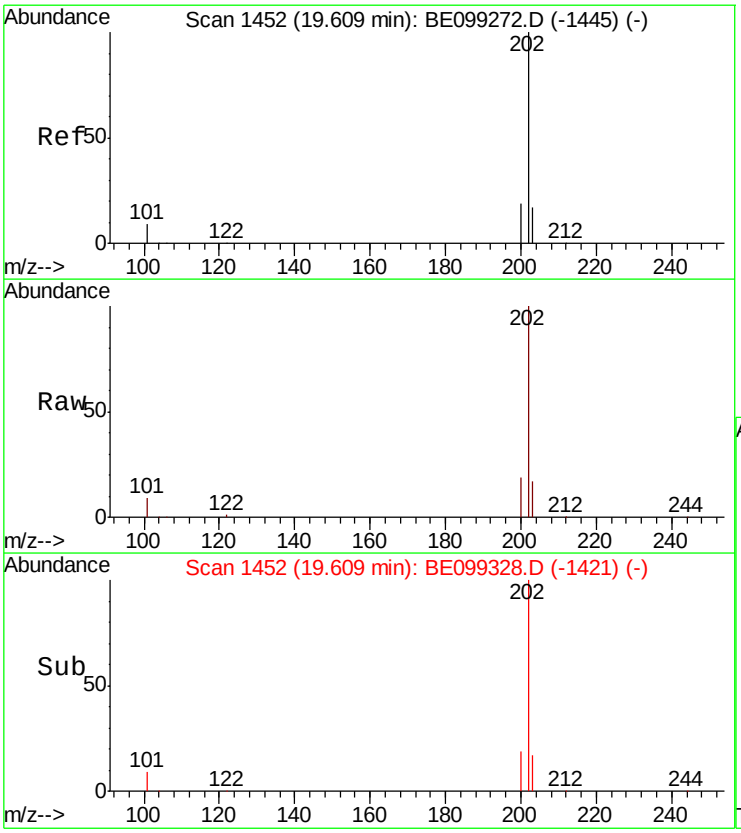
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.02 min
Lab File: BE099328.D
Acq: 15 Apr 2019 16:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 53217

Ion	Ratio	Lower	Upper
240	100		
120	3.8	2.6	3.8
236	25.9	20.9	31.3

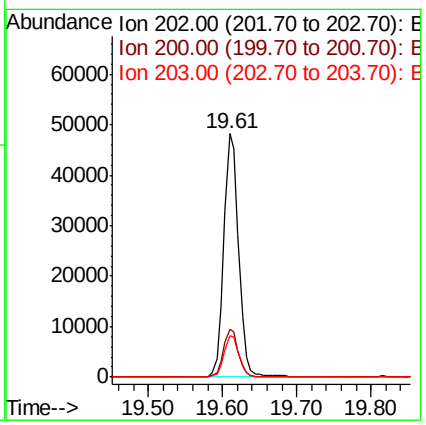


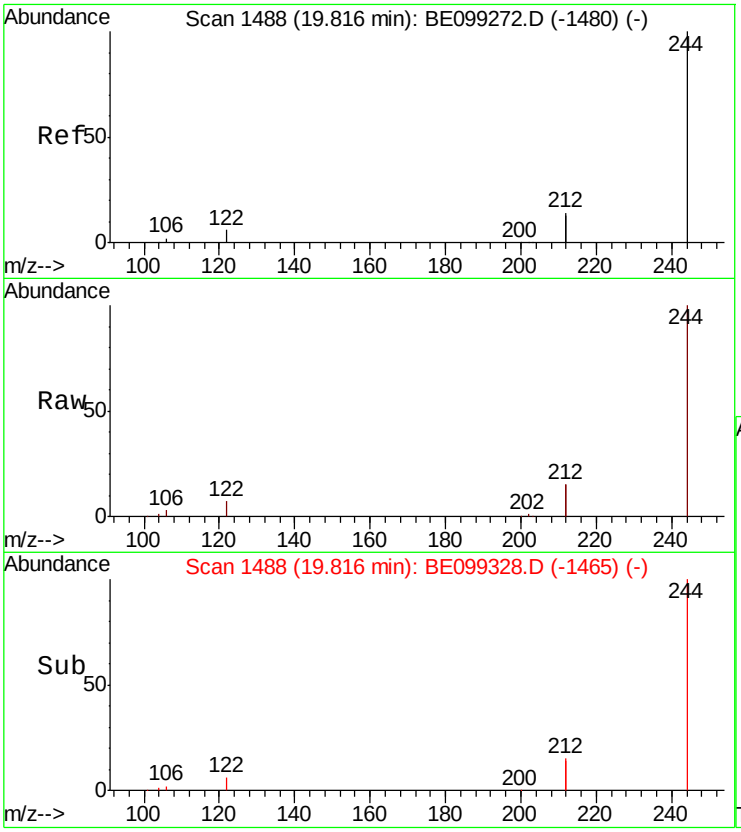


#28
Pyrene
Concen: 0.474 ng
RT: 19.61 min Scan# 1452
Delta R.T. -0.02 min
Lab File: BE099328.D
Acq: 15 Apr 2019 16:29

Tgt Ion:202 Resp: 66659

Ion	Ratio	Lower	Upper
202	100		
200	19.7	15.8	23.8
203	17.3	14.1	21.1



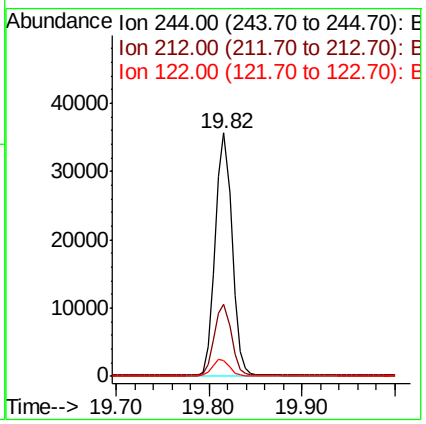


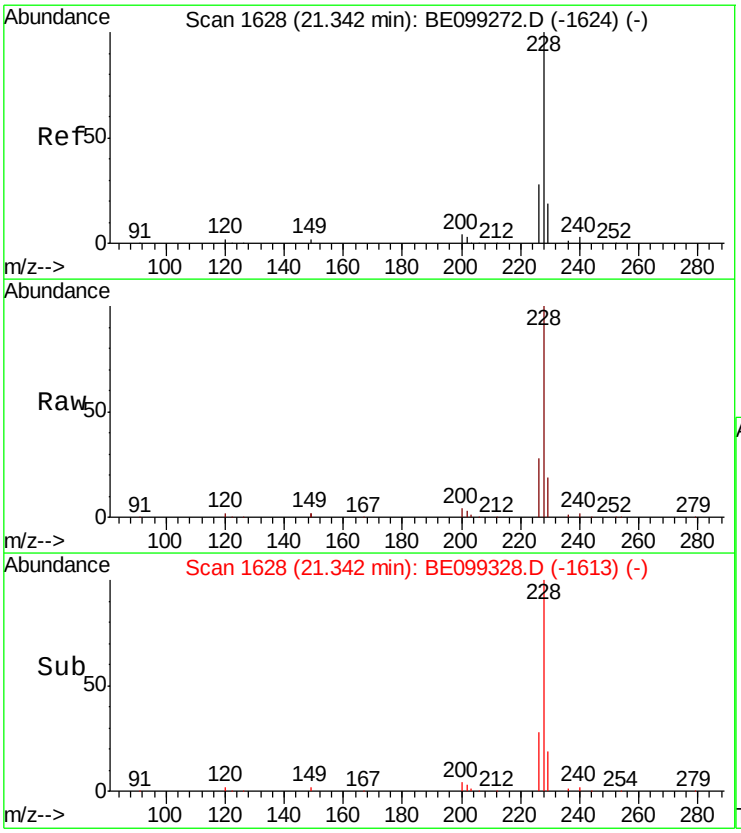
#29
Terphenyl-d14
Concen: 0.461 ng
RT: 19.82 min Scan# 1488
Delta R.T. -0.02 min
Lab File: BE099328.D
Acq: 15 Apr 2019 16:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 44799

Ion	Ratio	Lower	Upper
244	100		
212	29.5	22.7	34.1
122	6.6	5.8	8.6

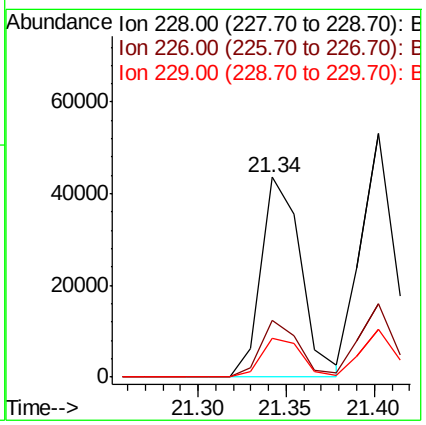


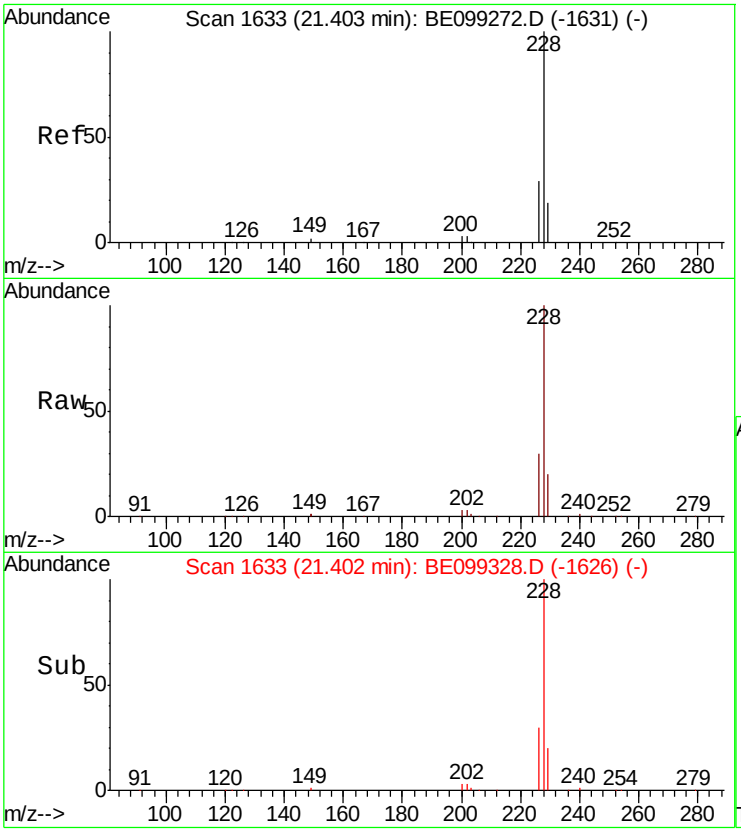


#30
Benzo(a)anthracene
Concen: 0.406 ng
RT: 21.34 min Scan# 1628
Delta R.T. -0.02 min
Lab File: BE099328.D
Acq: 15 Apr 2019 16:29

Tgt Ion:228 Resp: 67976

Ion	Ratio	Lower	Upper
228	100		
226	28.2	21.7	32.5
229	19.3	15.9	23.9



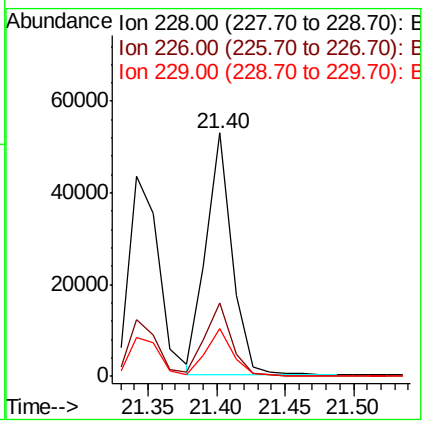


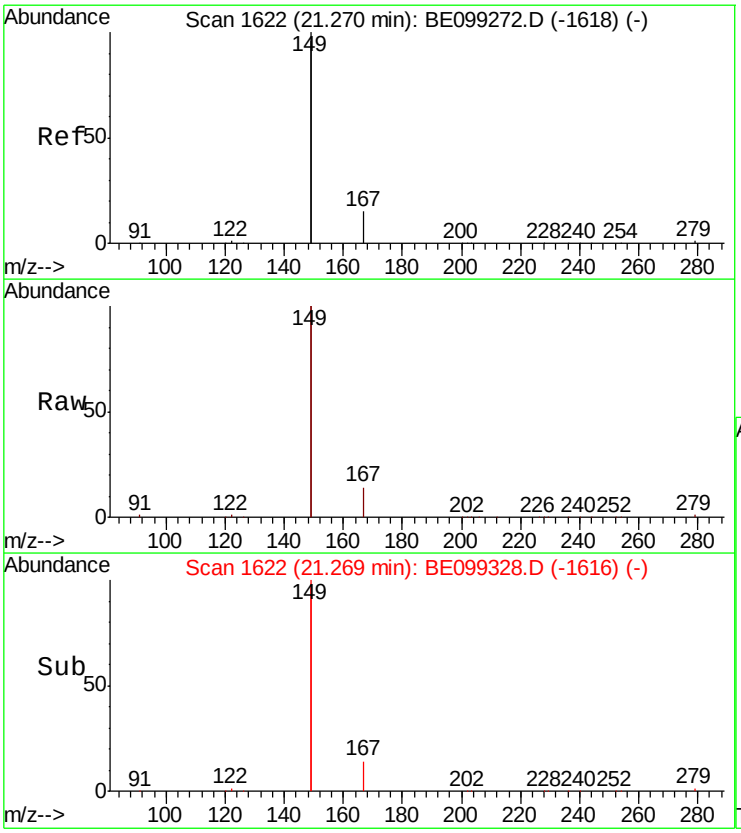
#31
Chrysene
Concen: 0.428 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.01 min
Lab File: BE099328.D
Acq: 15 Apr 2019 16:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 70273

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.8	37.2
229	19.8	15.4	23.0

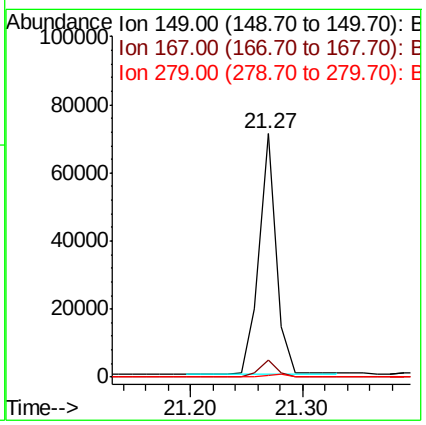


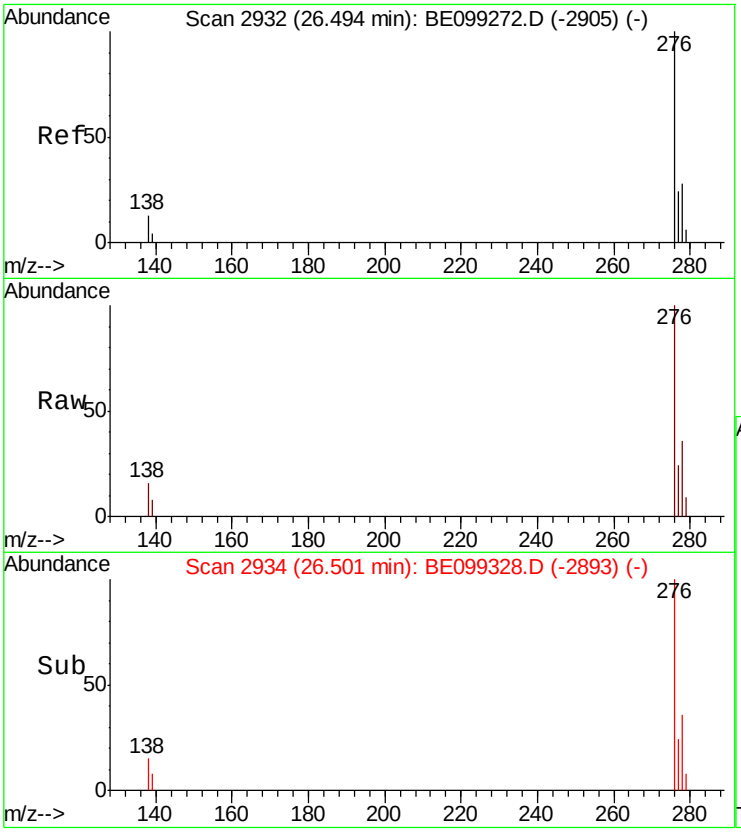


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.361 ng
RT: 21.27 min Scan# 1622
Delta R.T. -0.02 min
Lab File: BE099328.D
Acq: 15 Apr 2019 16:29

Tgt Ion:149 Resp: 77137

Ion	Ratio	Lower	Upper
149	100		
167	7.2	5.9	8.9
279	1.2	1.0	1.6



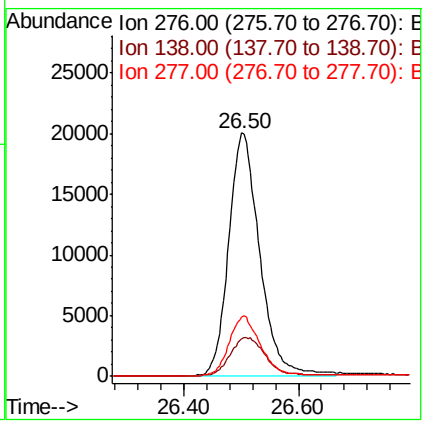


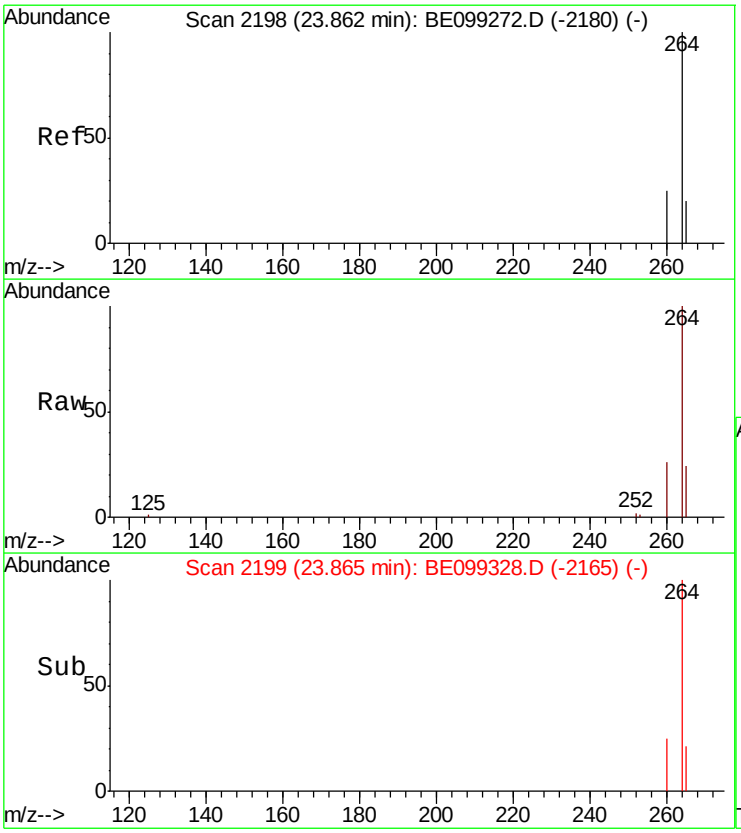
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.399 ng
RT: 26.50 min Scan# 2934
Delta R.T. -0.06 min
Lab File: BE099328.D
Acq: 15 Apr 2019 16:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 74890

Ion	Ratio	Lower	Upper
276	100		
138	17.6	12.9	19.3
277	24.5	18.3	27.5

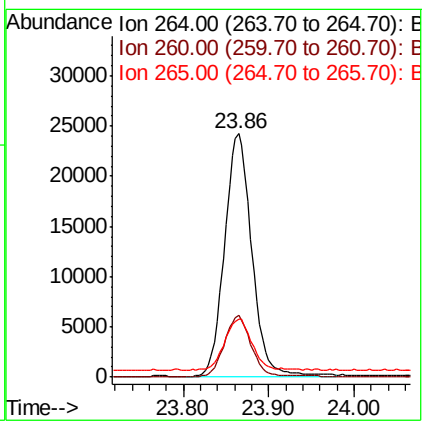


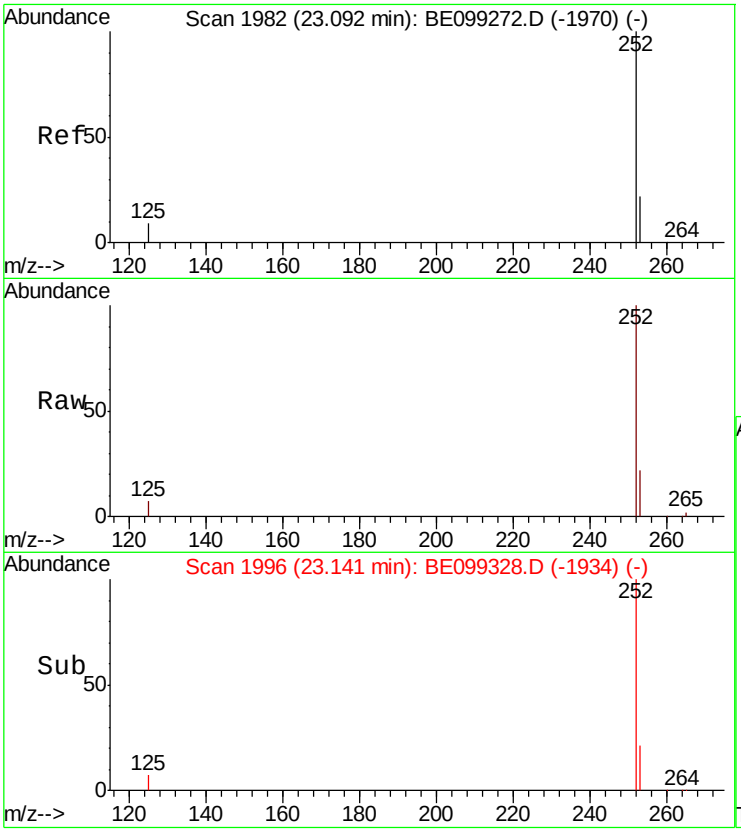


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.86 min Scan# 2199
Delta R.T. -0.03 min
Lab File: BE099328.D
Acq: 15 Apr 2019 16:29

Tgt Ion:264 Resp: 53596

Ion	Ratio	Lower	Upper
264	100		
260	25.6	18.2	27.2
265	24.1	21.8	32.8



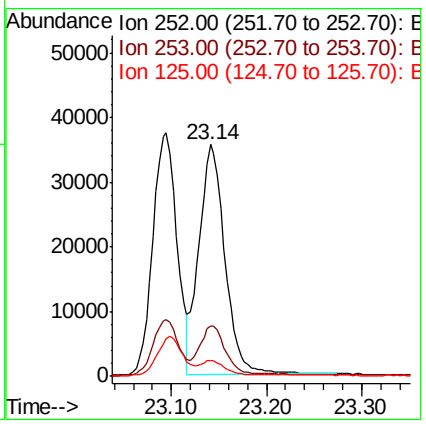


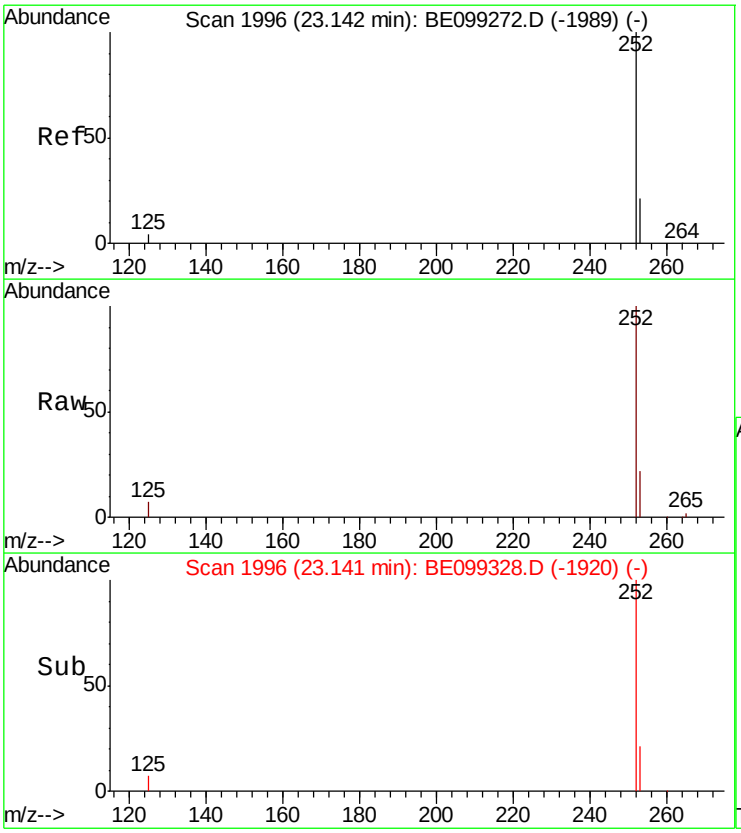
#35
Benzo(b)fluoranthene
Concen: 0.426 ng
RT: 23.14 min Scan# 1996
Delta R.T. 0.02 min
Lab File: BE099328.D
Acq: 15 Apr 2019 16:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 68062

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.8
125	6.9	6.1	9.1

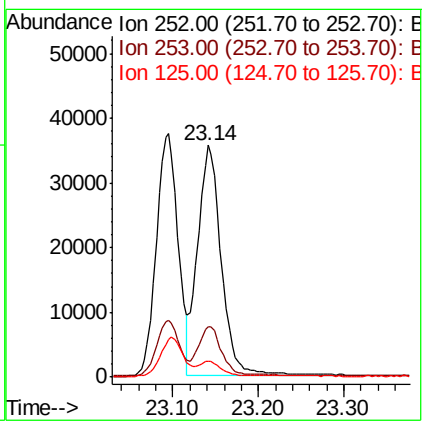


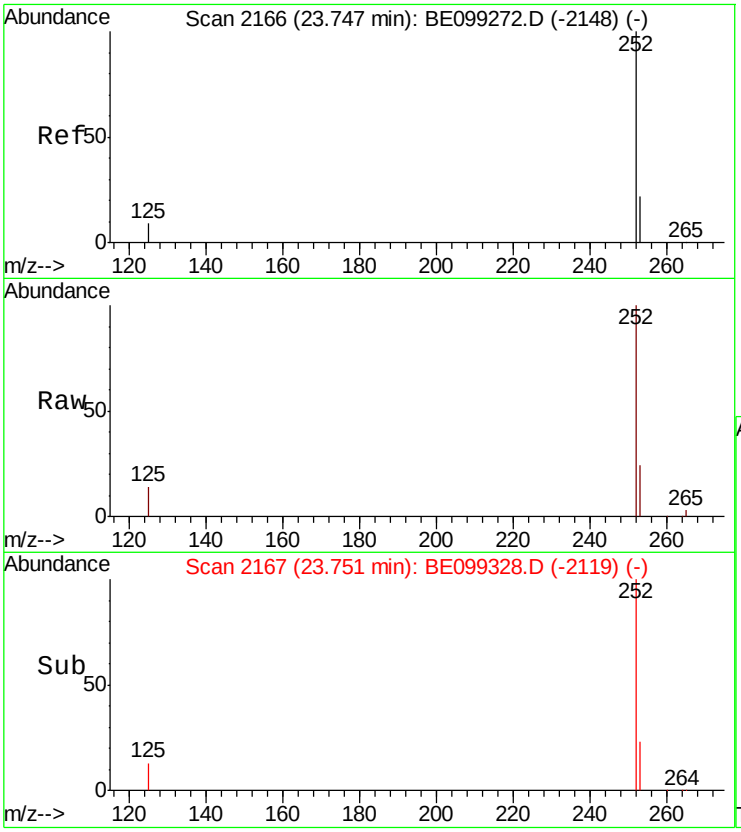


#36
Benzo(k)fluoranthene
Concen: 0.440 ng
RT: 23.14 min Scan# 1996
Delta R.T. -0.03 min
Lab File: BE099328.D
Acq: 15 Apr 2019 16:29

Tgt Ion:252 Resp: 68475

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.6
125	6.9	5.9	8.9



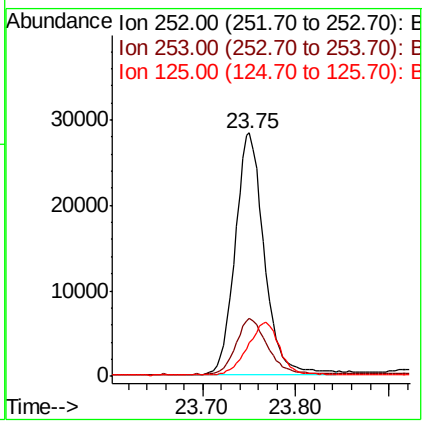


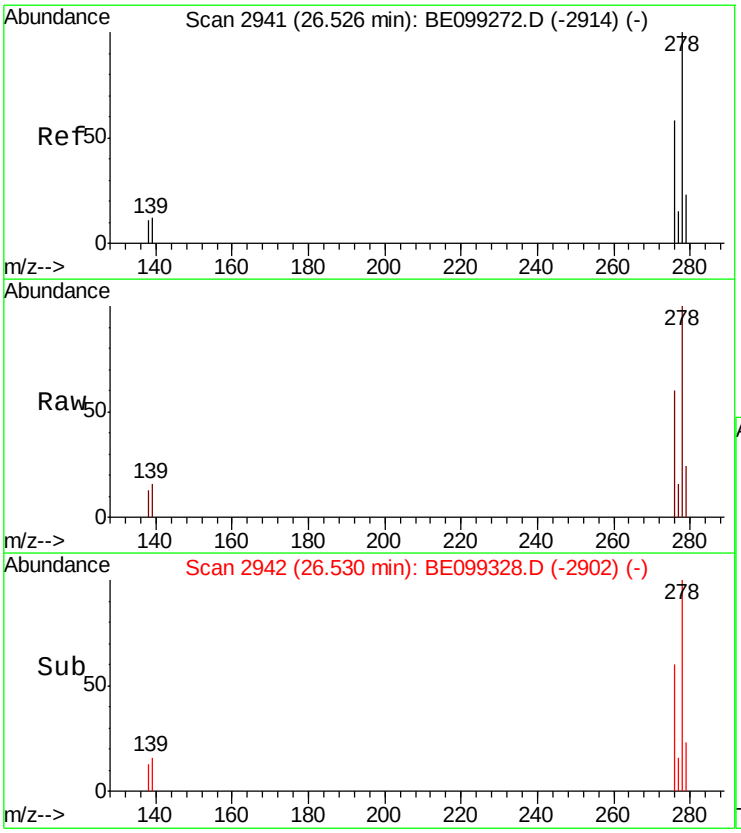
#37
Benzo(a)pyrene
Concen: 0.411 ng
RT: 23.75 min Scan# 2167
Delta R.T. -0.03 min
Lab File: BE099328.D
Acq: 15 Apr 2019 16:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 61757

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.1	27.1
125	13.6	6.8	10.2#

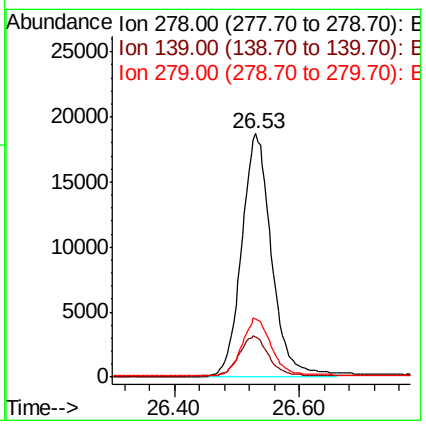


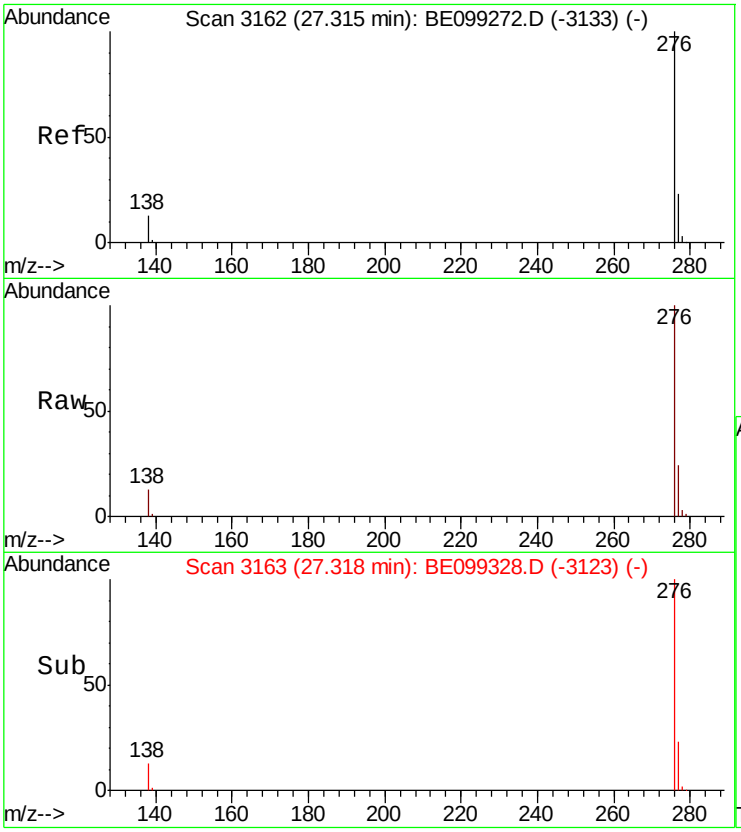


#38
Dibenzo(a,h)anthracene
Concen: 0.413 ng
RT: 26.53 min Scan# 2942
Delta R.T. -0.06 min
Lab File: BE099328.D
Acq: 15 Apr 2019 16:29

Tgt Ion:278 Resp: 61802

Ion	Ratio	Lower	Upper
278	100		
139	16.3	9.5	14.3#
279	23.8	19.1	28.7





#39
Benzo(g,h,i)perylene
Concen: 0.412 ng
RT: 27.32 min Scan# 3163
Delta R.T. -0.06 min
Lab File: BE099328.D
Acq: 15 Apr 2019 16:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 61403

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.0	28.4
138	13.4	11.1	16.7