Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE042919\
Data File : BE099412.D
Acq On : 29 Apr 2019 17:18
Operator : JU/SJ
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC3.2

Quant Time: Apr 29 18:05:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE042919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 29 16:46:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	2131	0.40	ng		0.00
7) Naphthalene-d8	10.60	136	8219	0.40	ng		0.00
13) Acenaphthene-d10	14.46	164	6513	0.40	ng		0.00
19) Phenanthrene-d10	17.19	188	19789	0.40	ng		0.00
27) Chrysene-d12	21.37	240	29402	0.40	ng		0.00
34) Perylene-d12	23.87	264	30634	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.39	112	19085	3.67	ng		0.00
5) Phenol-d6	6.96	99	26780	3.60	ng		0.00
8) Nitrobenzene-d5	8.96	82	26525	4.16	ng		0.00
11) 2-Methylnaphthalene-d10	12.20	152	49747	3.43	ng		0.00
14) 2,4,6-Tribromophenol	15.94	330	14535	6.72	ng		0.00
15) 2-Fluorobiphenyl	13.07	172	78753	3.08	ng		-0.01
25) Fluoranthene-d10	19.22	212	858584	3.61	ng		0.00
29) Terphenyl-d14	19.82	244	179238	3.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	8954	3.001	ng		96
3) n-Nitrosodimethylamine	3.62	42	6242	3.888	ng	#	95
6) bis(2-Chloroethyl)ether	7.23	93	22013	3.175	ng		97
9) Naphthalene	10.65	128	292311	3.260	ng		99
10) Hexachlorobutadiene	10.93	225	19656	3.453	ng		99
12) 2-Methylnaphthalene	12.27	142	52874	3.466	ng		96
16) Acenaphthylene	14.18	152	105089	3.570	ng		99
17) Acenaphthene	14.52	154	60226	3.320	ng		98
18) Fluorene	15.49	166	88570	3.398	ng		100
20) 4-Bromophenyl-phenylether	16.38	248	37901	3.457	ng		95
21) Hexachlorobenzene	16.49	284	36417	3.456	ng		99
22) Pentachlorophenol	16.84	266	18759	6.603	ng		99
23) Phenanthrene	17.23	178	162443	3.100	ng		99
24) Anthracene	17.32	178	164378	3.526	ng		100
26) Fluoranthene	19.25	202	247124	3.523	ng		100
28) Pyrene	19.61	202	255752	2.953	ng		100
30) Benzo(a)anthracene	21.35	228	304088	3.518	ng		100
31) Chrysene	21.40	228	293510	3.191	ng		100
32) Bis(2-ethylhexyl)phthalate	21.27	149	444170	5.647	ng		99
33) Indeno(1,2,3-cd)pyrene	26.52	276	343149	3.778	ng		99
35) Benzo(b)fluoranthene	23.10	252	291591	3.109	ng	#	98
36) Benzo(k)fluoranthene	23.15	252	279895	2.994	ng		98
37) Benzo(a)pyrene	23.75	252	274058	3.262	ng	#	96
38) Dibenzo(a,h)anthracene	26.54	278	282419	3.290	ng		97
39) Benzo(g,h,i)perylene	27.33	276	279455	3.209	ng		98

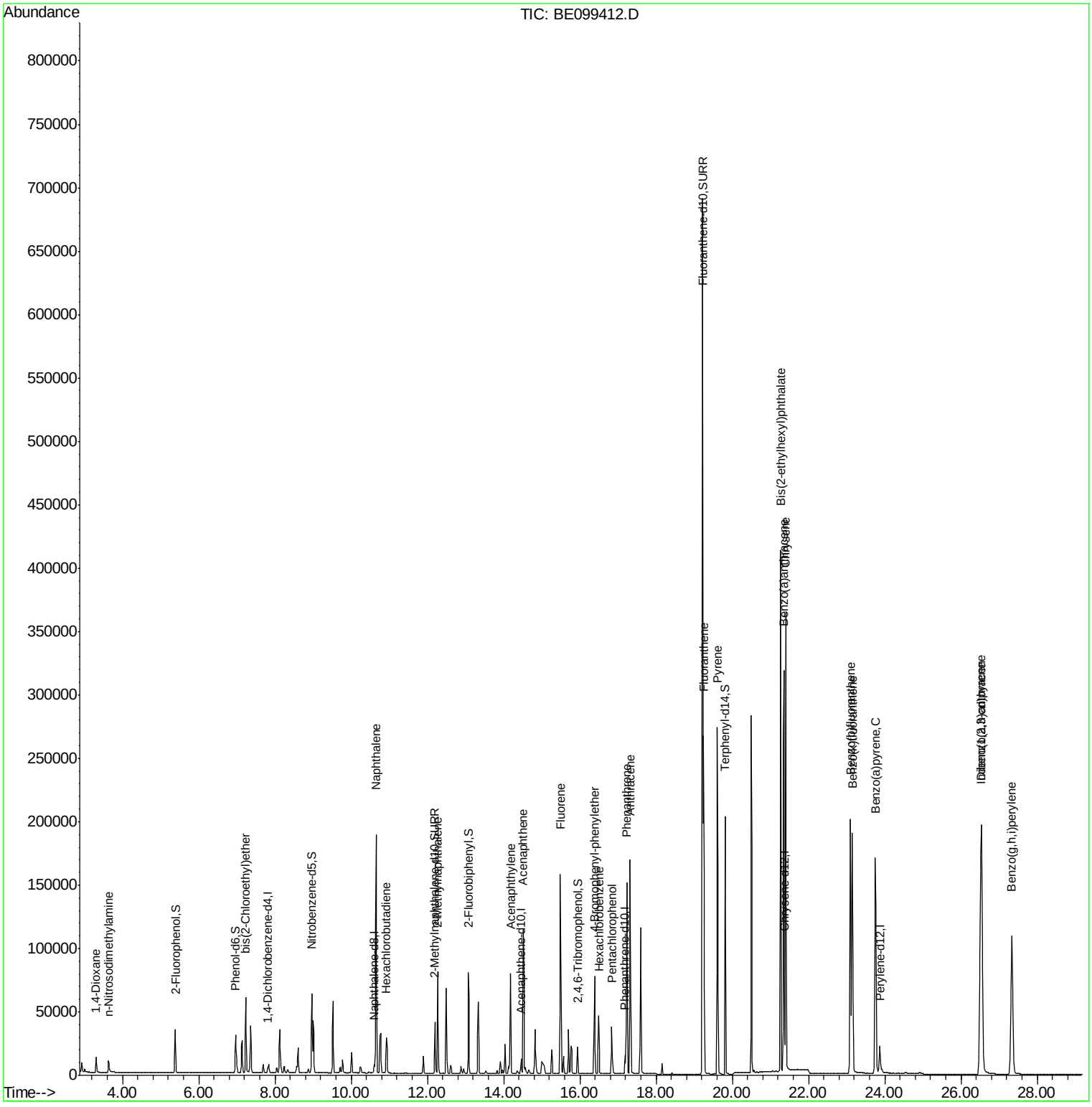
(#) = qualifier out of range (m) = manual integration (+) = signals summed

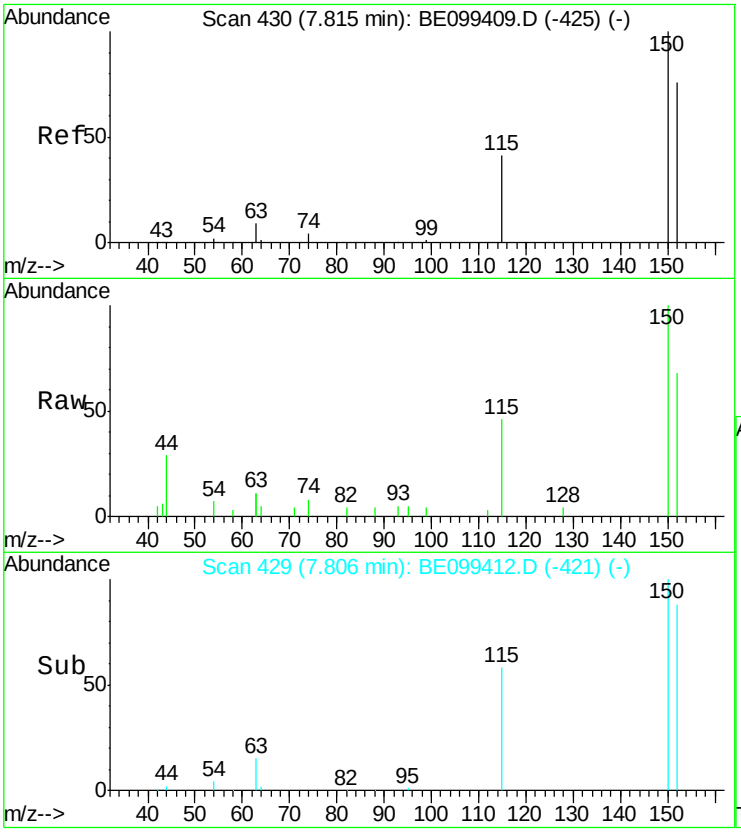
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE042919\
Data File : BE099412.D
Acq On : 29 Apr 2019 17:18
Operator : JU/SJ
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Quant Time: Apr 29 18:05:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE042919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 29 16:46:21 2019
Response via : Initial Calibration



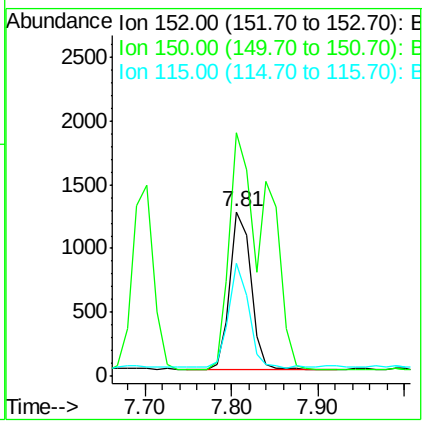


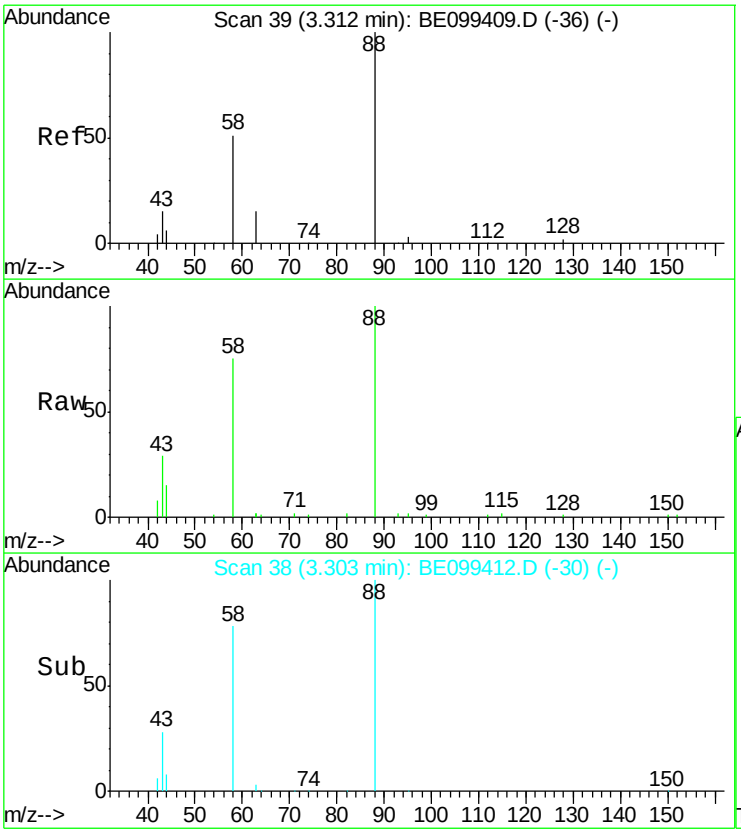
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.81 min Scan# 429
Delta R.T. -0.01 min
Lab File: BE099412.D
Acq: 29 Apr 2019 17:18

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 2131

Ion	Ratio	Lower	Upper
152	100		
150	147.9	104.8	157.2
115	68.4	46.6	69.8

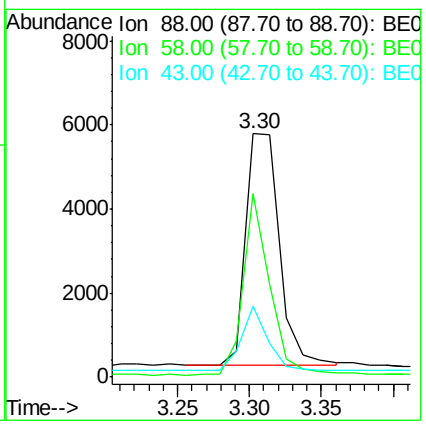


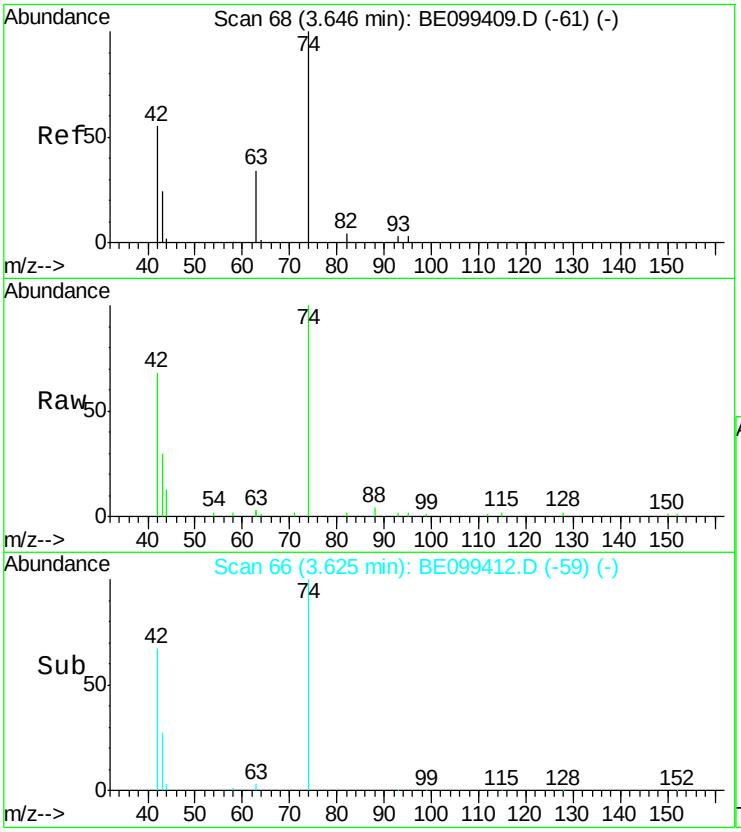


#2
1,4-Dioxane
Concen: 3.001 ng
RT: 3.30 min Scan# 38
Delta R.T. -0.01 min
Lab File: BE099412.D
Acq: 29 Apr 2019 17:18

Tgt Ion: 88 Resp: 8954

Ion	Ratio	Lower	Upper
88	100		
58	61.2	51.0	76.6
43	22.1	20.6	30.8



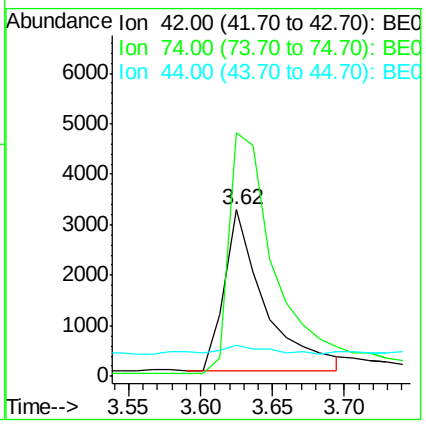


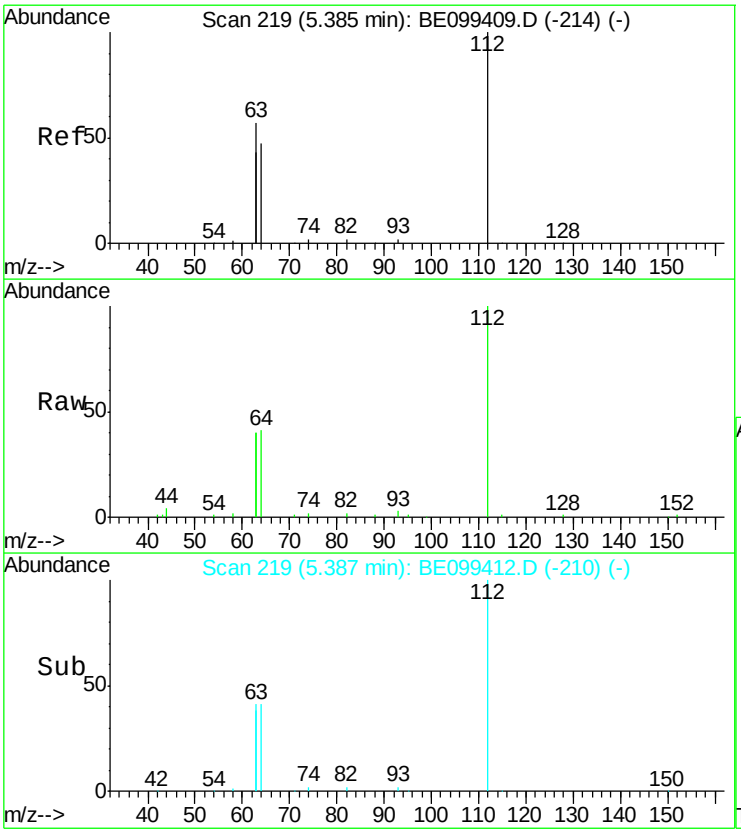
#3
n-Nitrosodimethylamine
Concen: 3.888 ng
RT: 3.62 min Scan# 66
Delta R.T. -0.02 min
Lab File: BE099412.D
Acq: 29 Apr 2019 17:18

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion: 42 Resp: 6242

Ion	Ratio	Lower	Upper
42	100		
74	170.2	141.6	212.4
44	7.8	0.0	0.0#

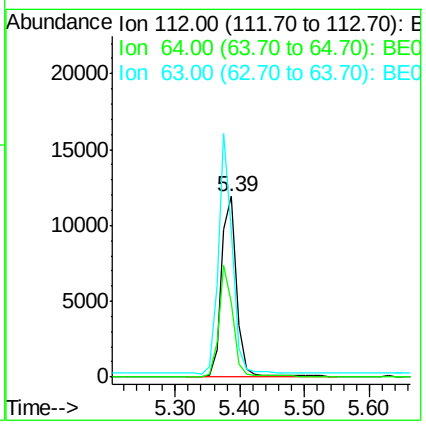


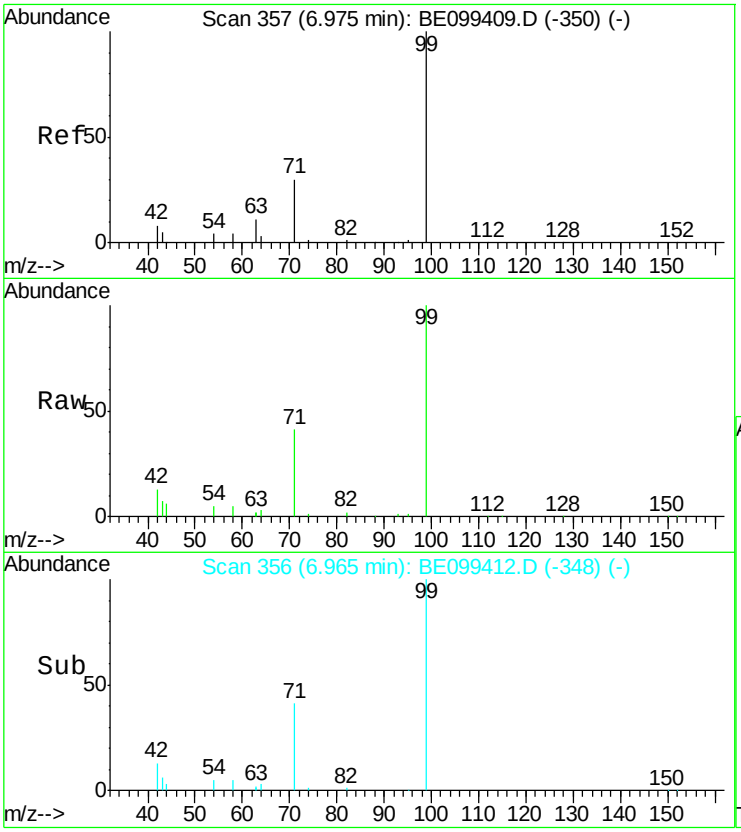


#4
2-Fluorophenol
Concen: 3.665 ng
RT: 5.39 min Scan# 219
Delta R.T. 0.00 min
Lab File: BE099412.D
Acq: 29 Apr 2019 17:18

Tgt Ion:112 Resp: 19085

Ion	Ratio	Lower	Upper
112	100		
64	57.3	47.4	71.0
63	122.2	104.3	156.5



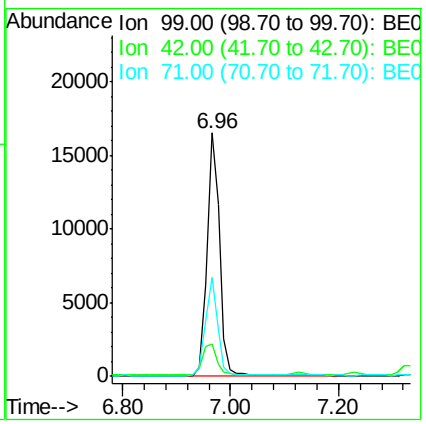


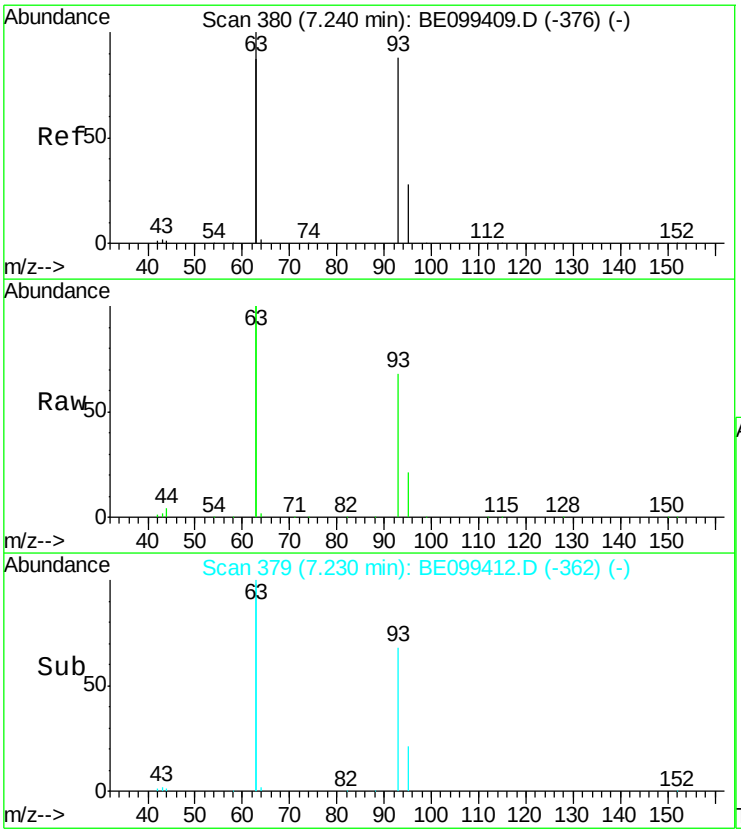
#5
Phenol-d6
Concen: 3.604 ng
RT: 6.96 min Scan# 356
Delta R.T. -0.01 min
Lab File: BE099412.D
Acq: 29 Apr 2019 17:18

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion: 99 Resp: 26780

Ion	Ratio	Lower	Upper
99	100		
42	15.0	14.9	22.3
71	38.5	33.0	49.6

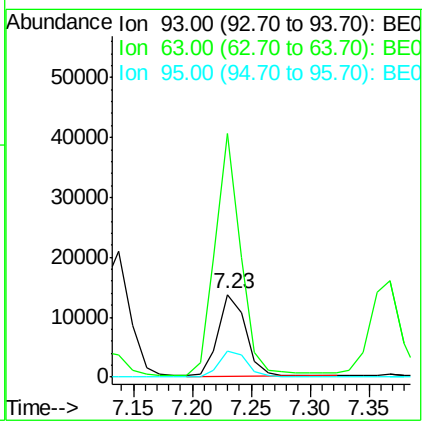


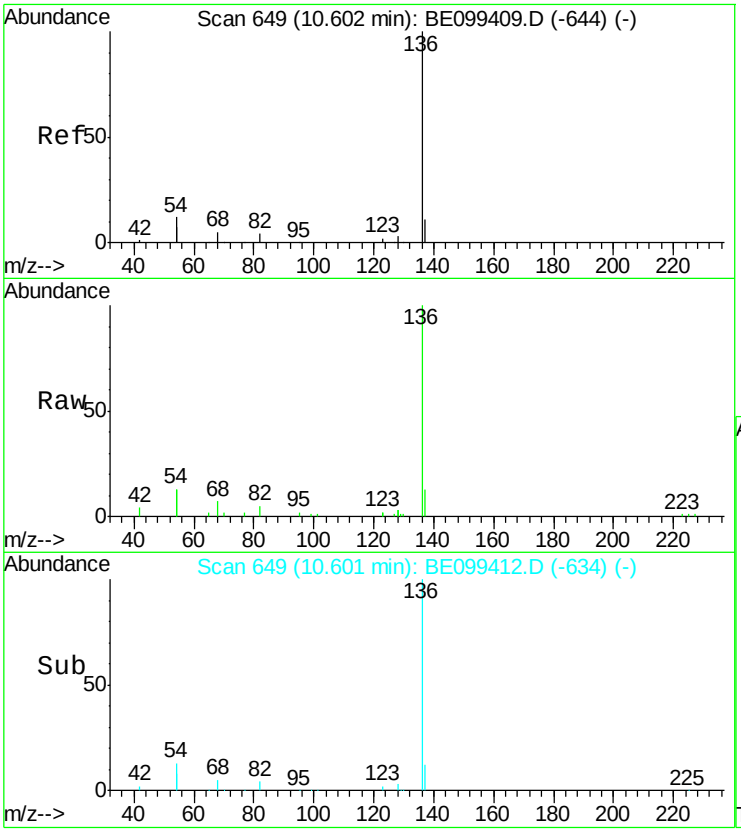


#6
bis(2-Chloroethyl)ether
Concen: 3.175 ng
RT: 7.23 min Scan# 379
Delta R.T. -0.01 min
Lab File: BE099412.D
Acq: 29 Apr 2019 17:18

Tgt Ion: 93 Resp: 22013

Ion	Ratio	Lower	Upper
93	100		
63	274.7	215.6	323.4
95	32.1	26.2	39.2



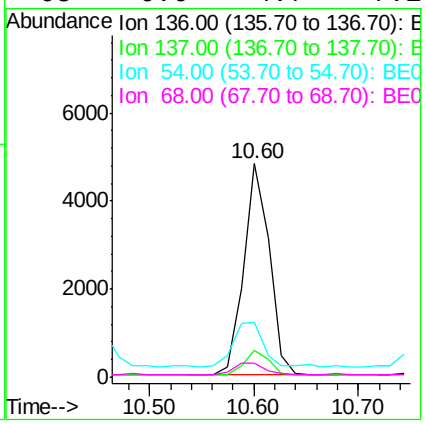


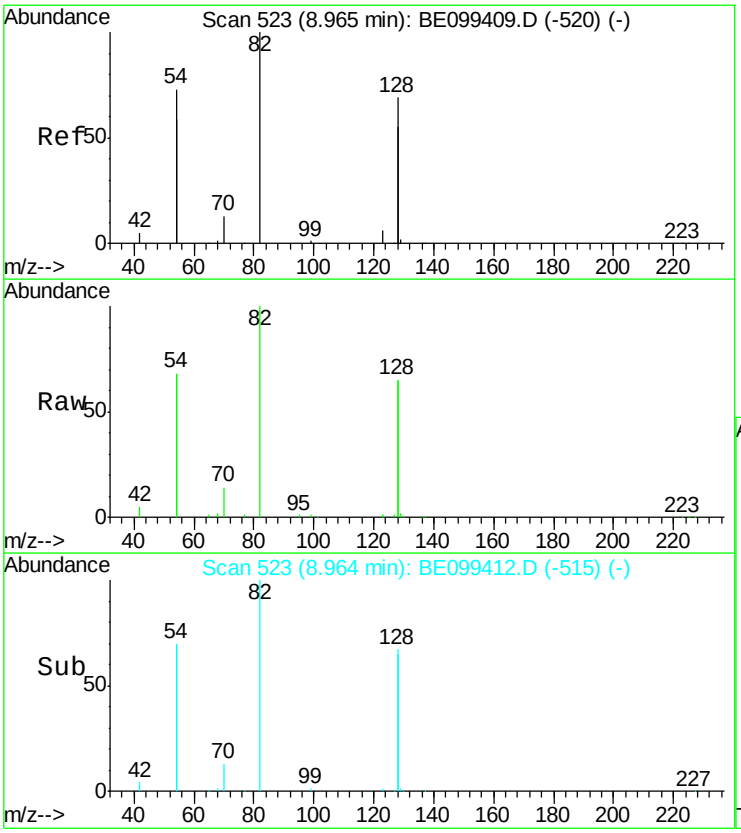
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.60 min Scan# 649
Delta R.T. -0.00 min
Lab File: BE099412.D
Acq: 29 Apr 2019 17:18

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:136 Resp: 8219

Ion	Ratio	Lower	Upper
136	100		
137	12.7	9.8	14.8
54	25.9	18.5	27.7
68	6.6	4.7	7.1

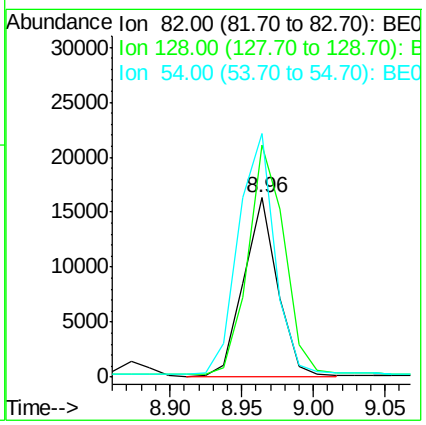


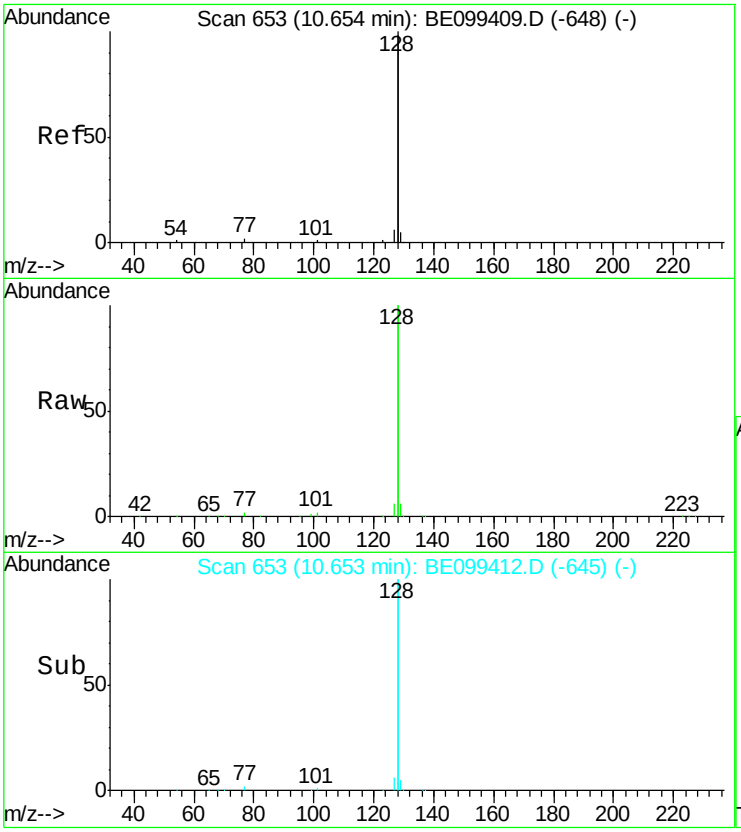


#8
Nitrobenzene-d5
Concen: 4.157 ng
RT: 8.96 min Scan# 523
Delta R.T. -0.00 min
Lab File: BE099412.D
Acq: 29 Apr 2019 17:18

Tgt Ion: 82 Resp: 26525

Ion	Ratio	Lower	Upper
82	100		
128	129.5	107.0	160.4
54	135.8	113.1	169.7



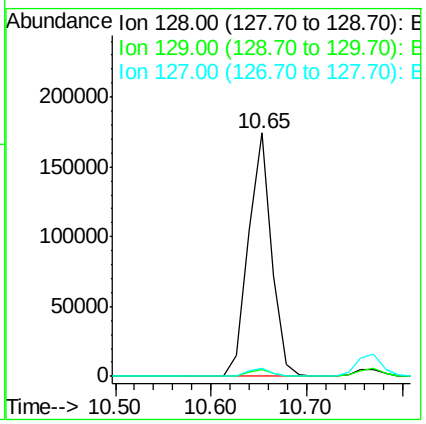


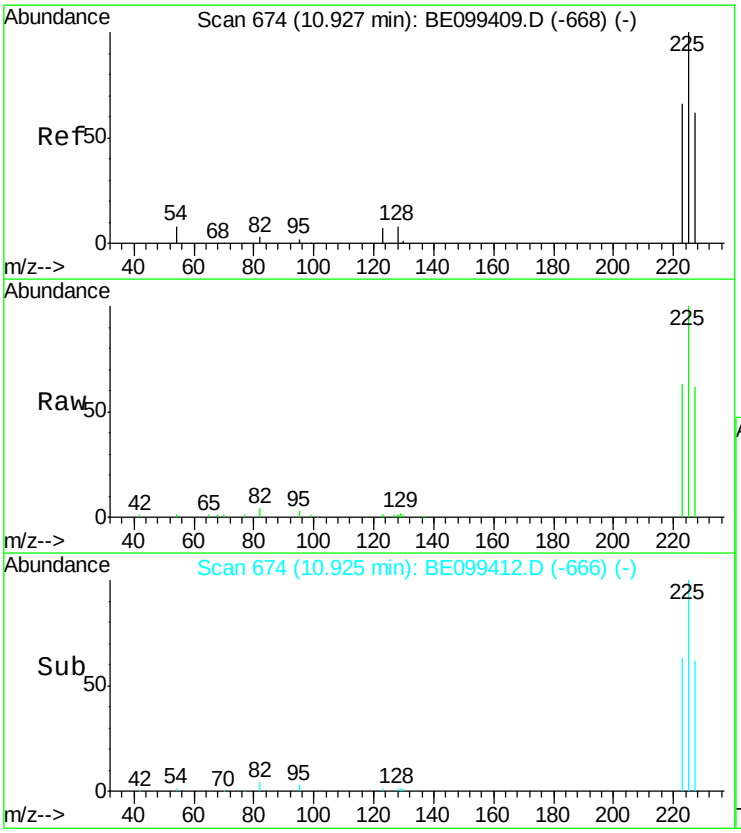
#9
Naphthalene
Concen: 3.260 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.00 min
Lab File: BE099412.D
Acq: 29 Apr 2019 17:18

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:128 Resp: 292311

Ion	Ratio	Lower	Upper
128	100		
129	2.8	2.4	3.6
127	3.2	2.8	4.2

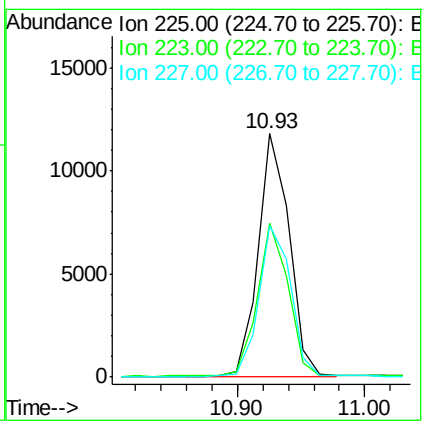


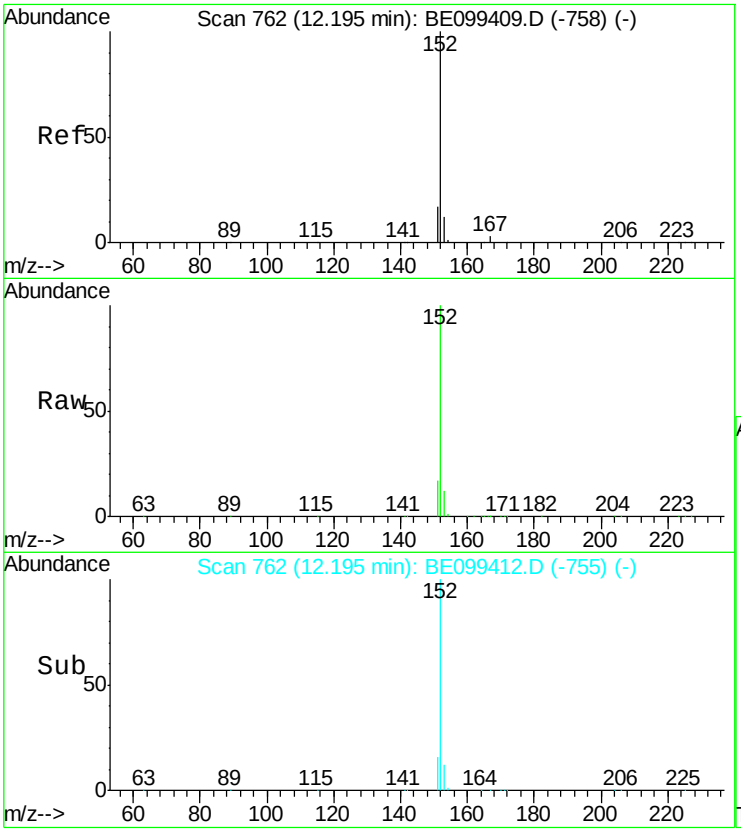


#10
Hexachlorobutadiene
Concen: 3.453 ng
RT: 10.93 min Scan# 674
Delta R.T. -0.00 min
Lab File: BE099412.D
Acq: 29 Apr 2019 17:18

Tgt Ion:225 Resp: 19656

Ion	Ratio	Lower	Upper
225	100		
223	62.4	51.0	76.6
227	63.9	50.9	76.3



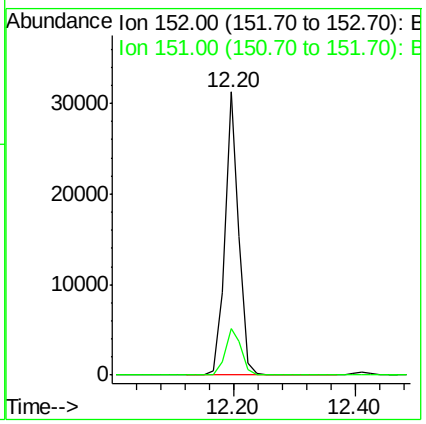


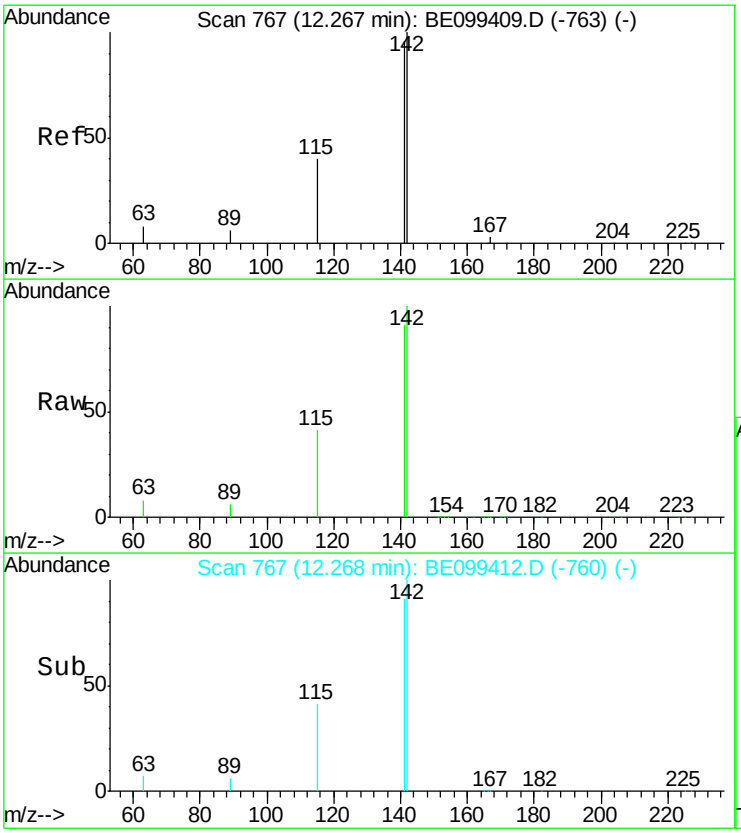
#11
2-Methylnaphthalene-d10
Concen: 3.430 ng
RT: 12.20 min Scan# 762
Delta R.T. 0.00 min
Lab File: BE099412.D
Acq: 29 Apr 2019 17:18

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 49747

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.5	23.3

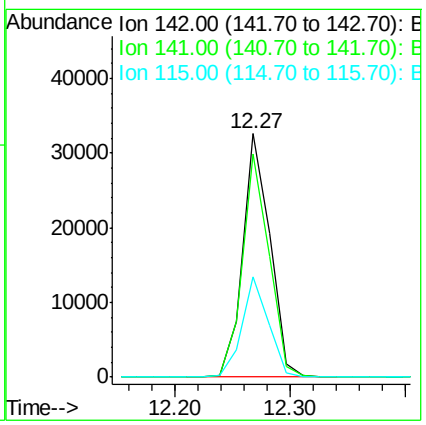


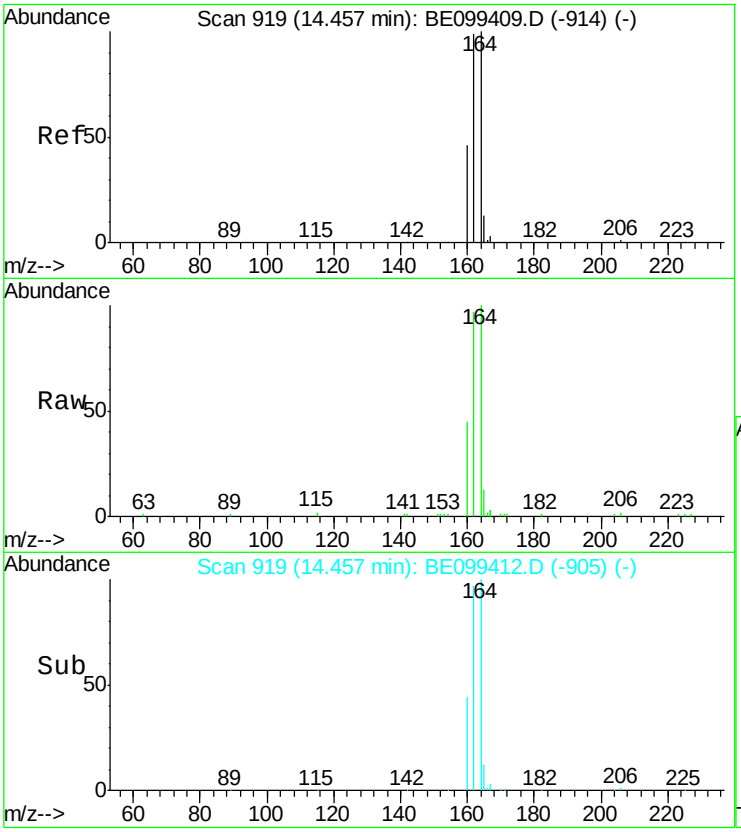


#12
2-Methylnaphthalene
Concen: 3.466 ng
RT: 12.27 min Scan# 767
Delta R.T. 0.00 min
Lab File: BE099412.D
Acq: 29 Apr 2019 17:18

Tgt Ion:142 Resp: 52874

Ion	Ratio	Lower	Upper
142	100		
141	91.4	77.0	115.4
115	41.2	33.4	50.0



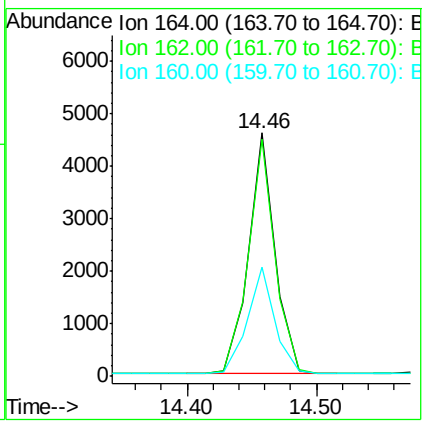


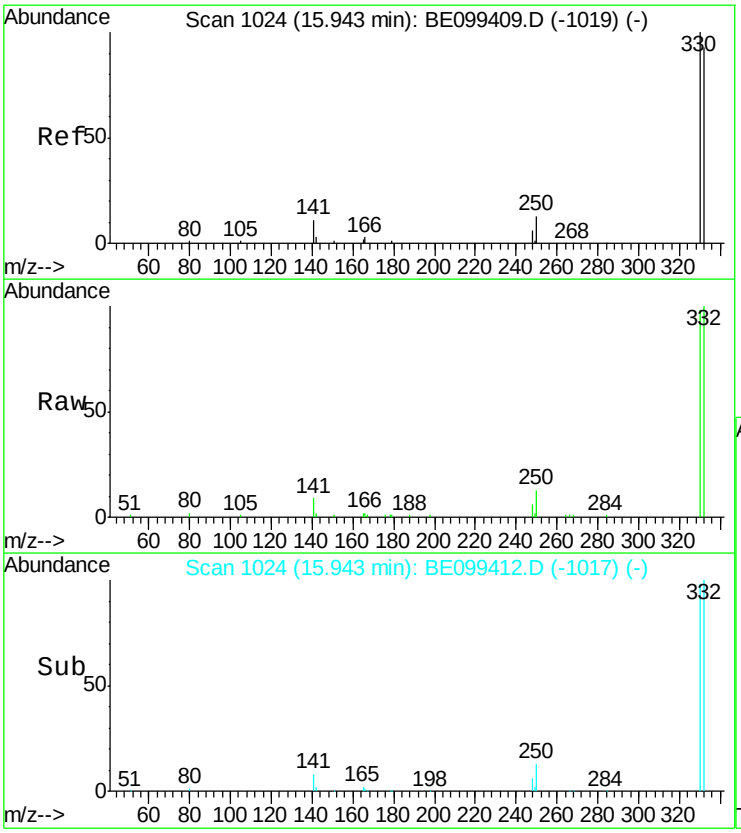
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. 0.00 min
Lab File: BE099412.D
Acq: 29 Apr 2019 17:18

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:164 Resp: 6513

Ion	Ratio	Lower	Upper
164	100		
162	97.5	79.0	118.4
160	44.9	37.0	55.4

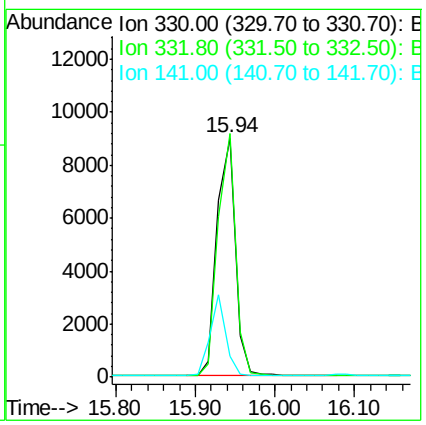


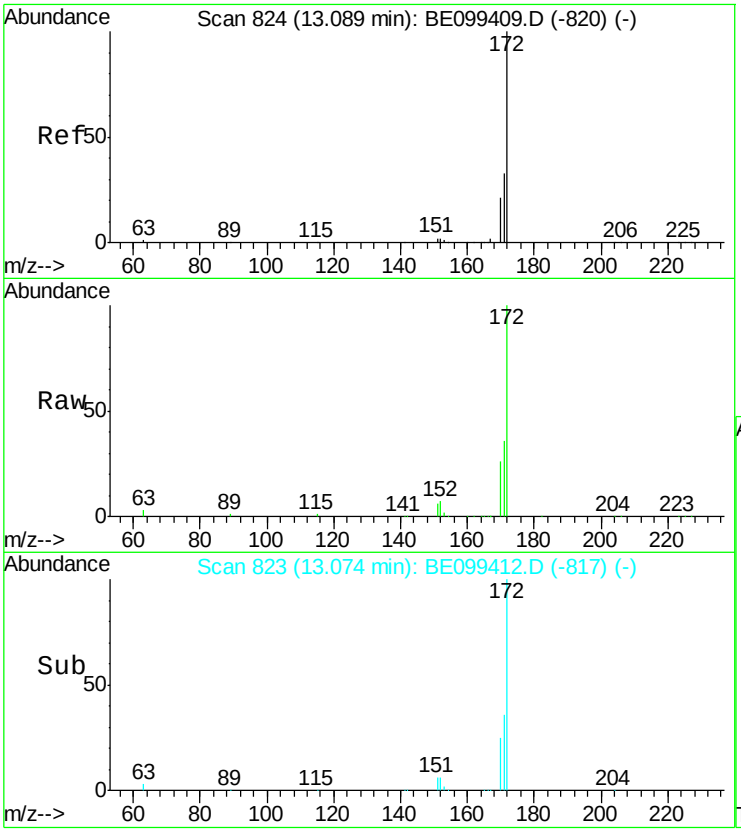


#14
2,4,6-Tribromophenol
Concen: 6.719 ng
RT: 15.94 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BE099412.D
Acq: 29 Apr 2019 17:18

Tgt Ion:330 Resp: 14535

Ion	Ratio	Lower	Upper
330	100		
332	97.2	71.5	107.3
141	29.0	24.0	36.0



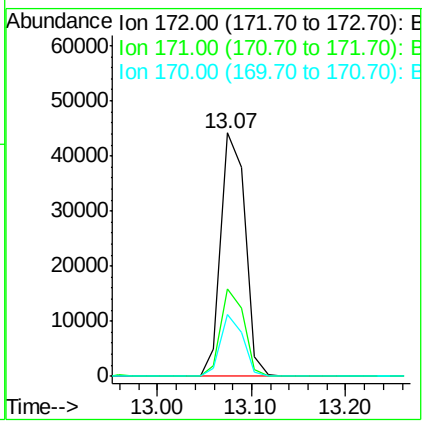


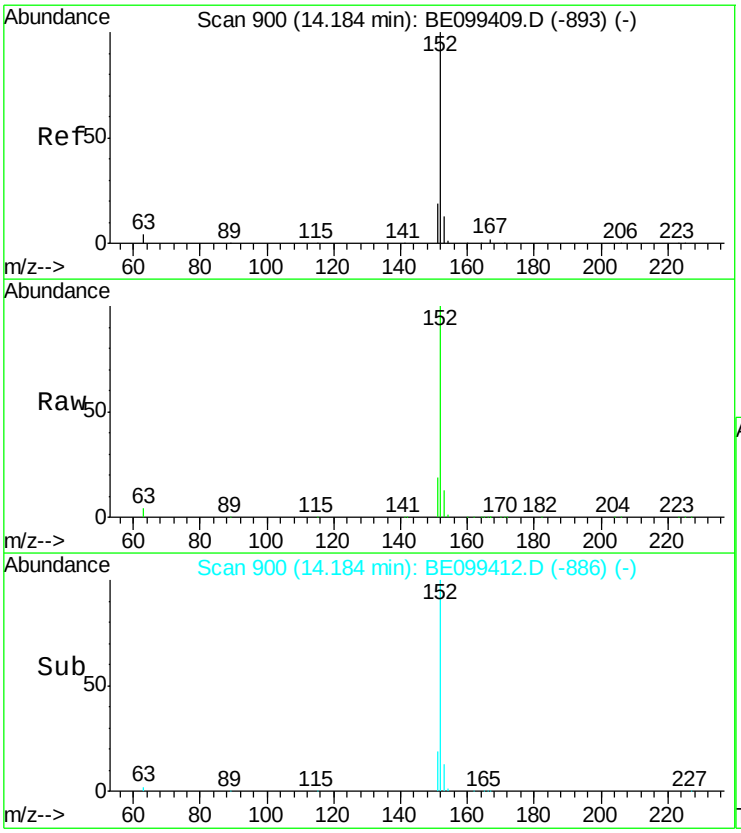
#15
2-Fluorobiphenyl
Concen: 3.076 ng
RT: 13.07 min Scan# 823
Delta R.T. -0.01 min
Lab File: BE099412.D
Acq: 29 Apr 2019 17:18

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:172 Resp: 78753

Ion	Ratio	Lower	Upper
172	100		
171	36.2	26.6	39.8
170	25.5	17.0	25.6

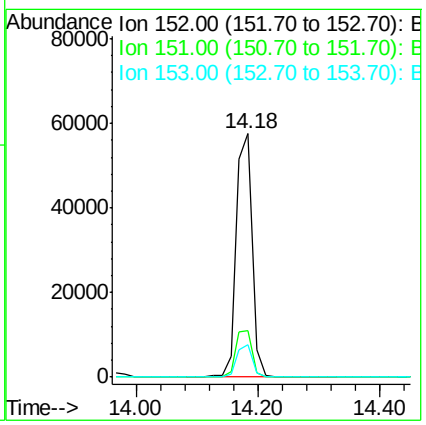


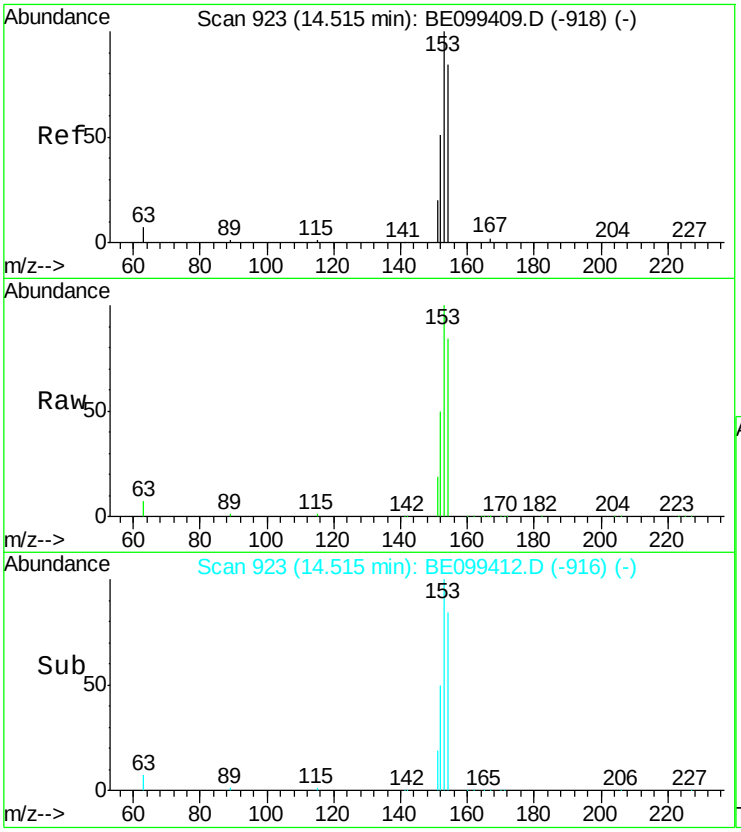


#16
Acenaphthylene
Concen: 3.570 ng
RT: 14.18 min Scan# 900
Delta R.T. 0.00 min
Lab File: BE099412.D
Acq: 29 Apr 2019 17:18

Tgt Ion:152 Resp: 105089

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.4	23.2
153	13.0	9.8	14.6



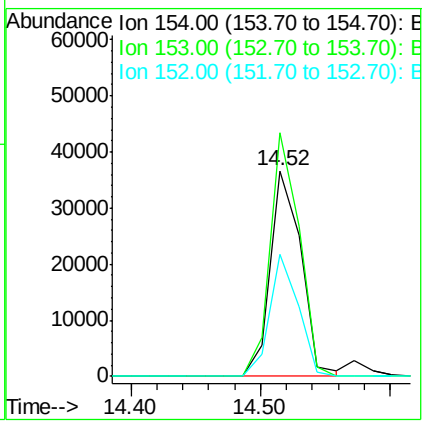


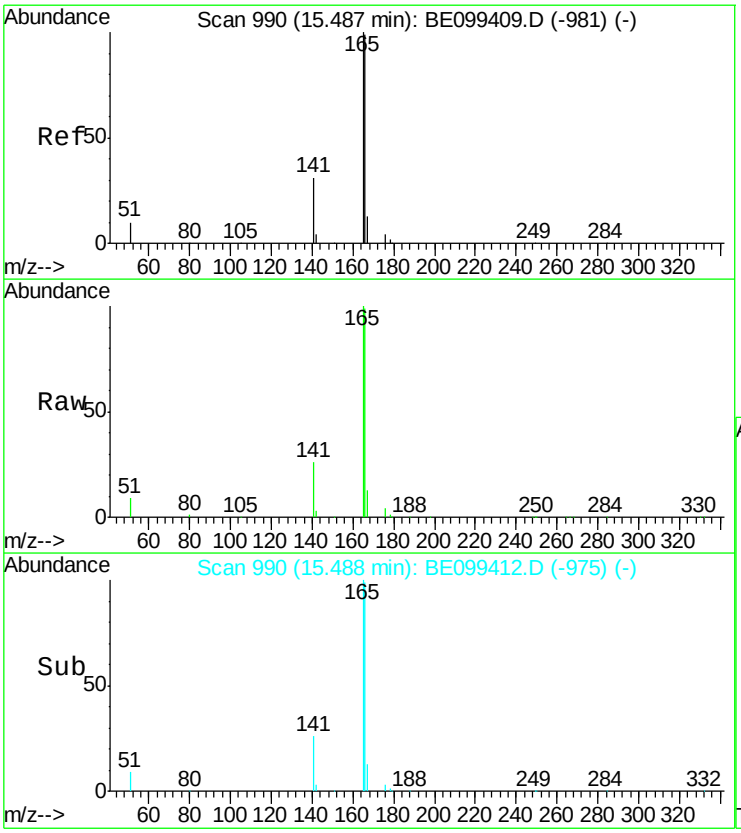
#17
Acenaphthene
Concen: 3.320 ng
RT: 14.52 min Scan# 923
Delta R.T. 0.00 min
Lab File: BE099412.D
Acq: 29 Apr 2019 17:18

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:154 Resp: 60226

Ion	Ratio	Lower	Upper
154	100		
153	113.3	92.6	138.8
152	55.9	45.8	68.8

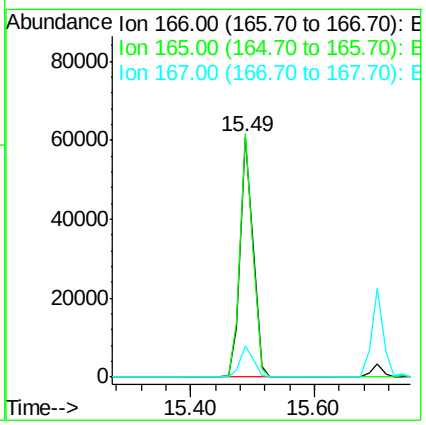


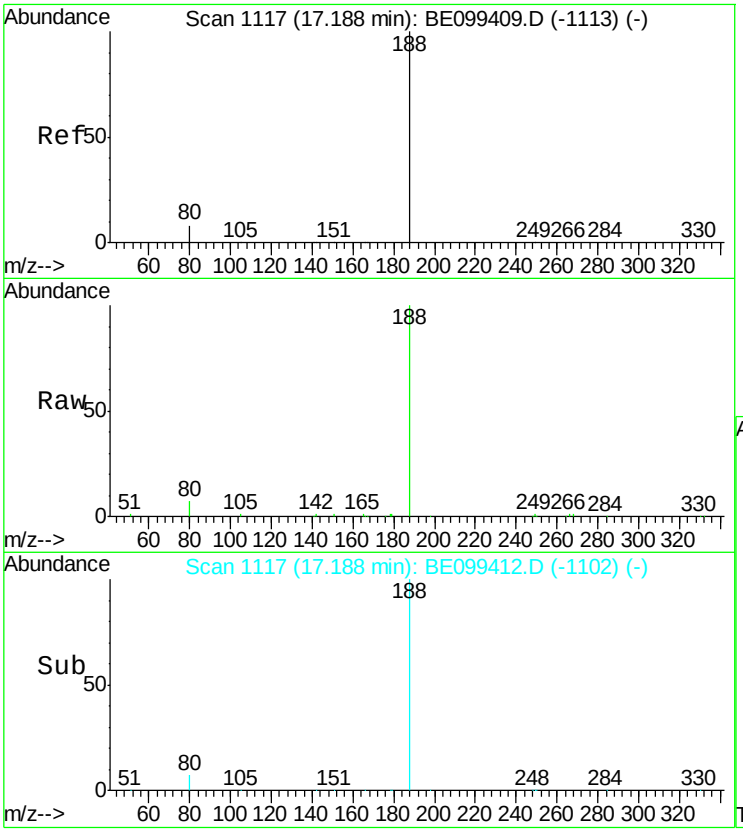


#18
Fluorene
Concen: 3.398 ng
RT: 15.49 min Scan# 990
Delta R.T. 0.00 min
Lab File: BE099412.D
Acq: 29 Apr 2019 17:18

Tgt Ion:166 Resp: 88570

Ion	Ratio	Lower	Upper
166	100		
165	100.1	80.3	120.5
167	13.2	10.7	16.1



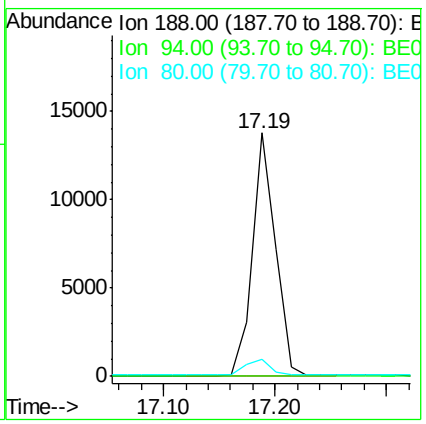


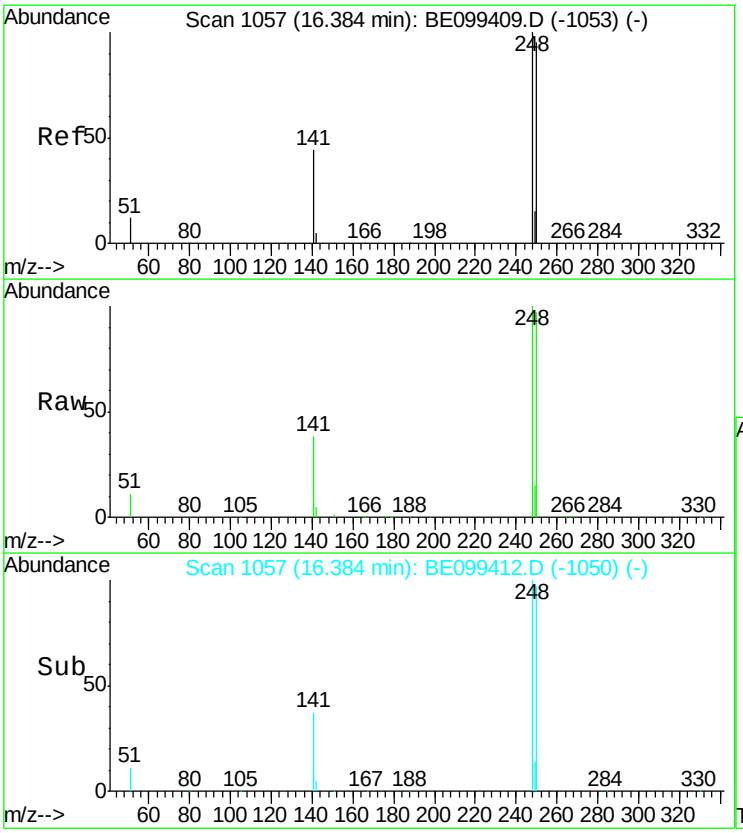
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.19 min Scan# 1117
Delta R.T. 0.00 min
Lab File: BE099412.D
Acq: 29 Apr 2019 17:18

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:188 Resp: 19789

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.1	6.7	10.1

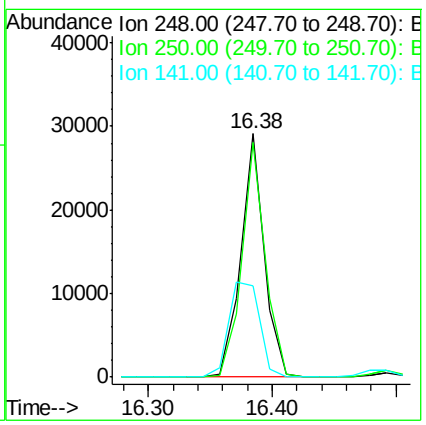


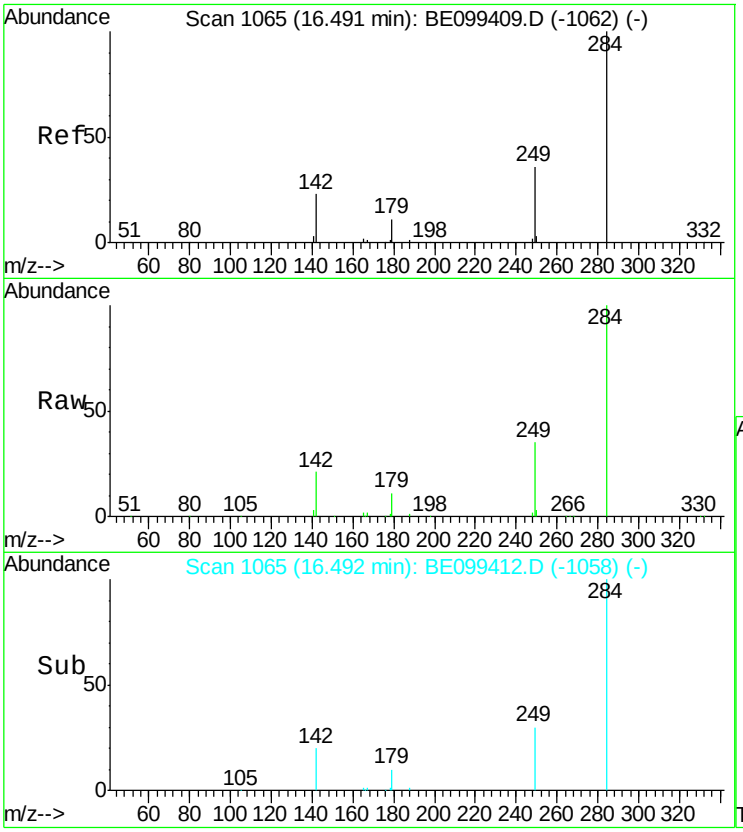


#20
4-Bromophenyl-phenylether
Concen: 3.457 ng
RT: 16.38 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BE099412.D
Acq: 29 Apr 2019 17:18

Tgt Ion:248 Resp: 37901

Ion	Ratio	Lower	Upper
248	100		
250	96.5	75.8	113.8
141	37.6	35.7	53.5



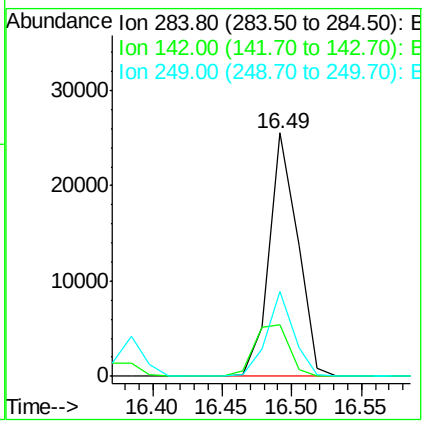


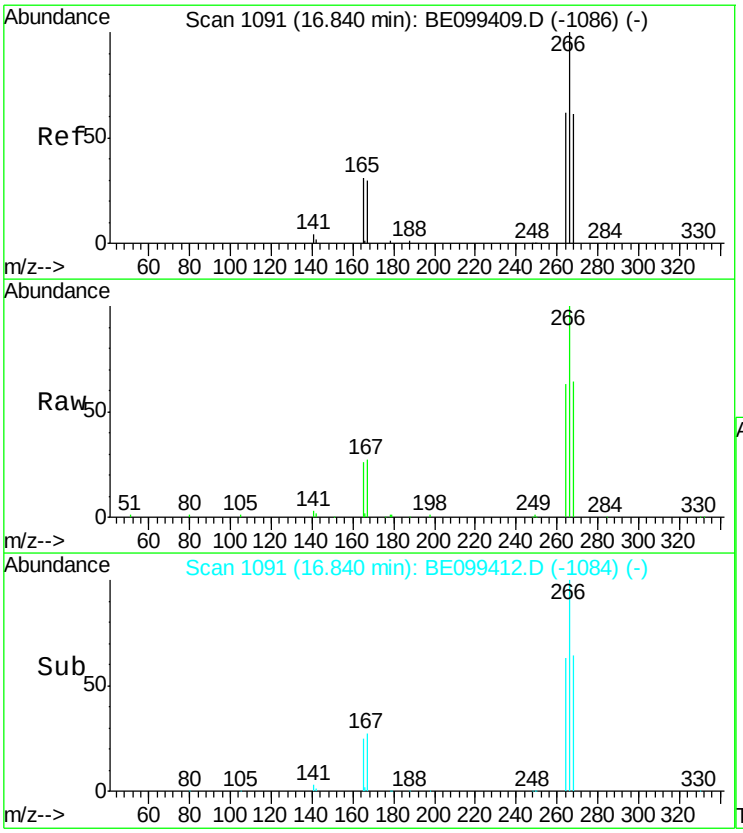
#21
Hexachlorobenzene
Concen: 3.456 ng
RT: 16.49 min Scan# 1065
Delta R.T. 0.00 min
Lab File: BE099412.D
Acq: 29 Apr 2019 17:18

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:284 Resp: 36417

Ion	Ratio	Lower	Upper
284	100		
142	25.6	21.0	31.6
249	32.9	26.7	40.1

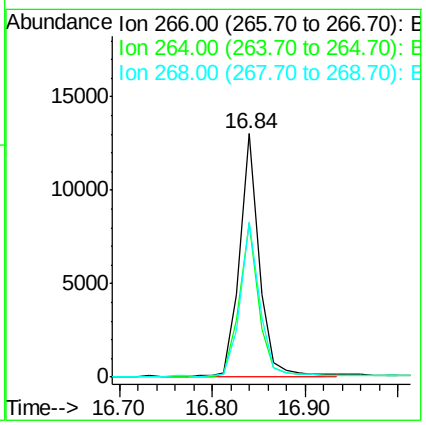


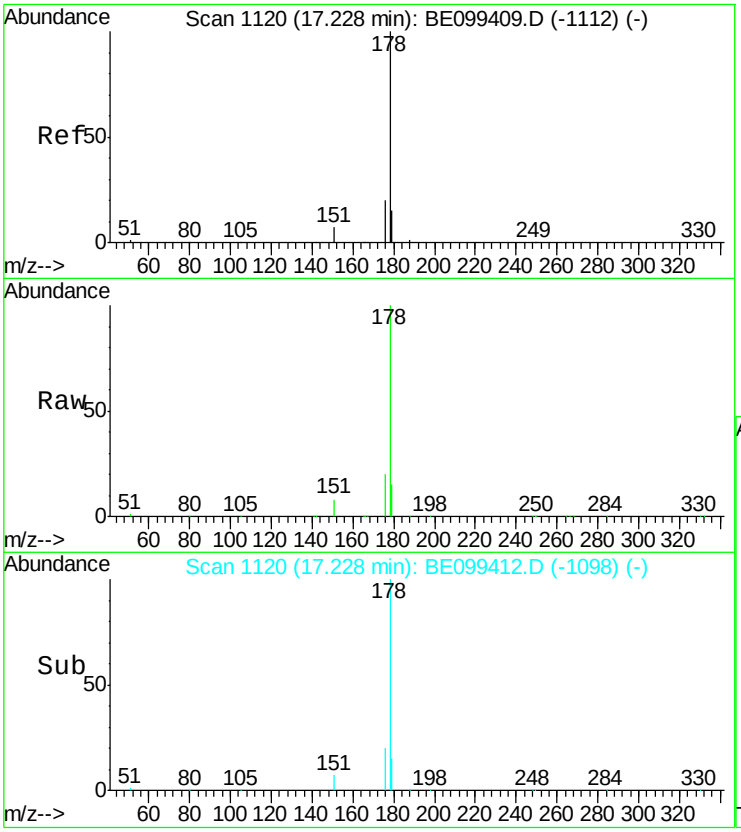


#22
Pentachlorophenol
Concen: 6.603 ng
RT: 16.84 min Scan# 1091
Delta R.T. 0.00 min
Lab File: BE099412.D
Acq: 29 Apr 2019 17:18

Tgt Ion:266 Resp: 18759

Ion	Ratio	Lower	Upper
266	100		
264	63.2	50.8	76.2
268	64.0	50.5	75.7



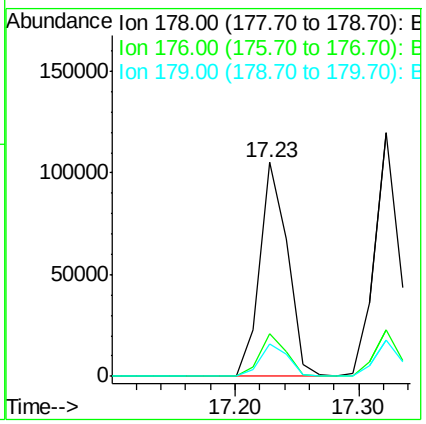


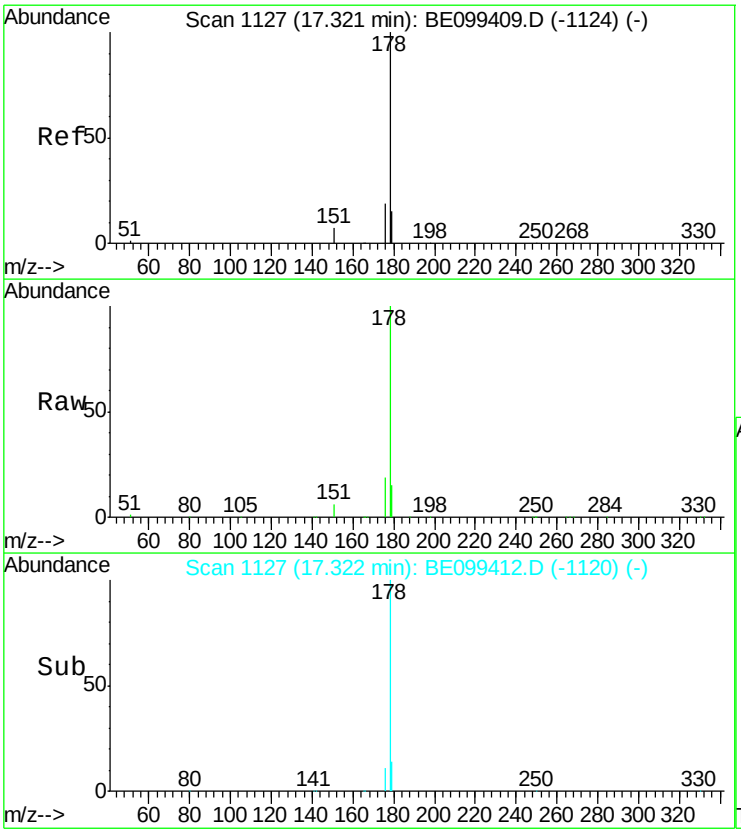
#23
Phenanthrene
Concen: 3.100 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE099412.D
Acq: 29 Apr 2019 17:18

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:178 Resp: 162443

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.6	23.4
179	15.4	12.0	18.0

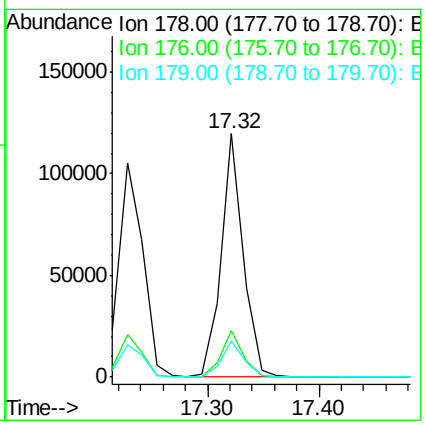


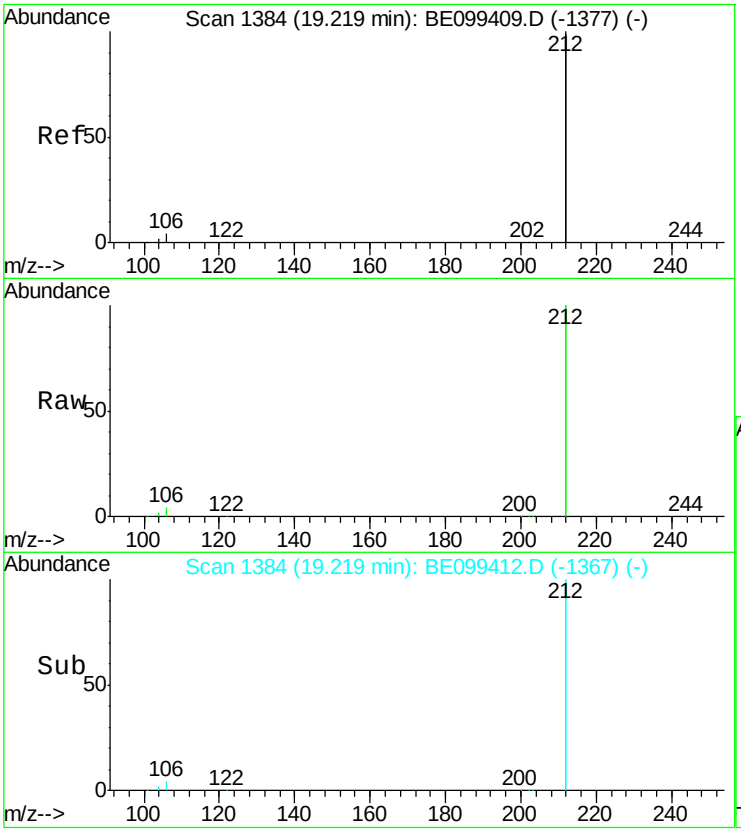


#24
Anthracene
Concen: 3.526 ng
RT: 17.32 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BE099412.D
Acq: 29 Apr 2019 17:18

Tgt Ion:178 Resp: 164378

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.9	22.3
179	15.1	11.9	17.9



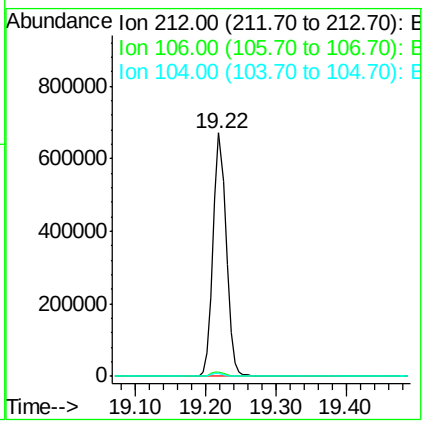


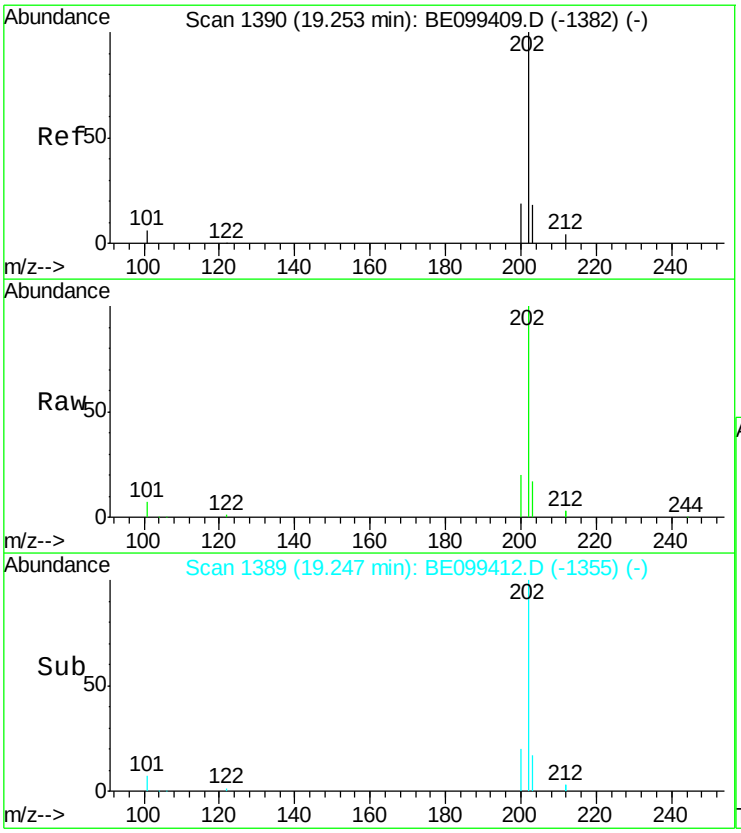
#25
Fluoranthene-d10
Concen: 3.611 ng
RT: 19.22 min Scan# 1384
Delta R.T. -0.00 min
Lab File: BE099412.D
Acq: 29 Apr 2019 17:18

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:212 Resp: 858584

Ion	Ratio	Lower	Upper
212	100		
106	1.9	1.5	2.3
104	1.1	0.9	1.3

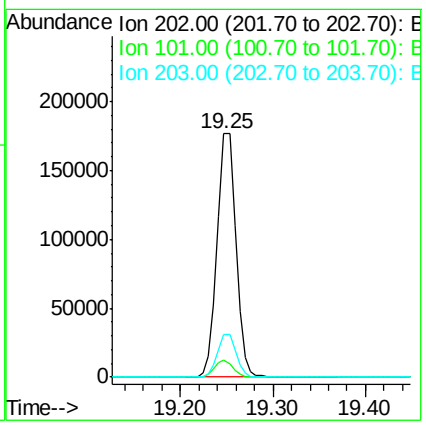


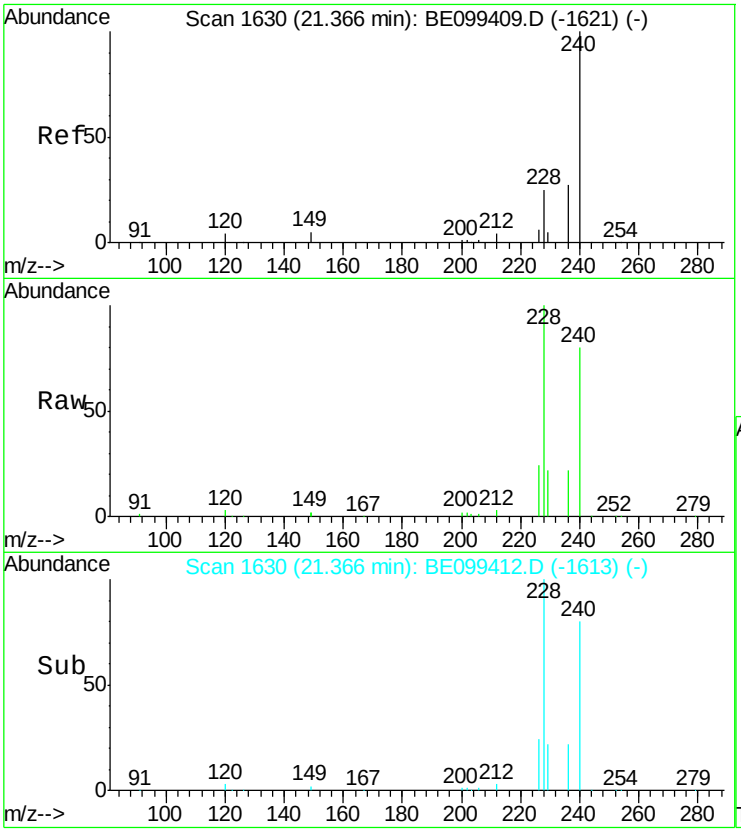


#26
Fluoranthene
Concen: 3.523 ng
RT: 19.25 min Scan# 1389
Delta R.T. -0.01 min
Lab File: BE099412.D
Acq: 29 Apr 2019 17:18

Tgt Ion:202 Resp: 247124

Ion	Ratio	Lower	Upper
202	100		
101	6.9	5.4	8.0
203	17.5	13.9	20.9



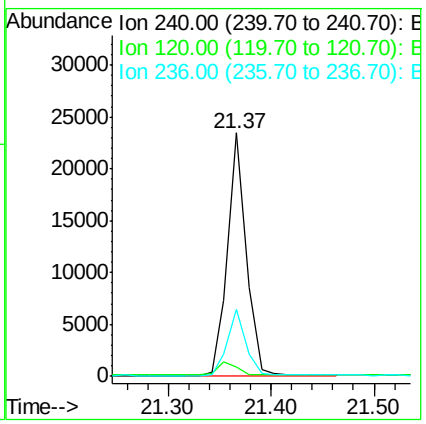


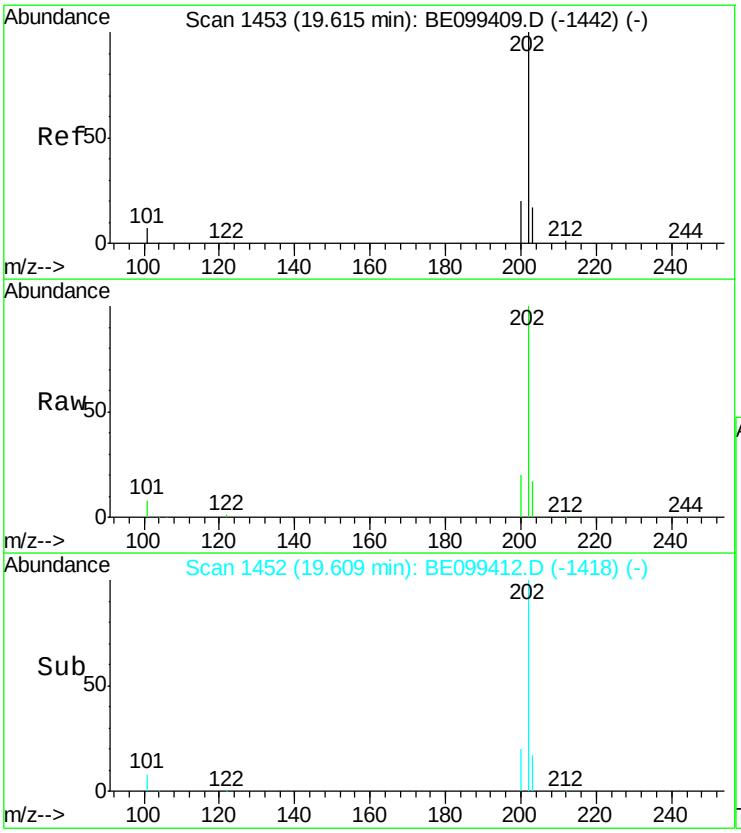
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE099412.D
Acq: 29 Apr 2019 17:18

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:240 Resp: 29402

Ion	Ratio	Lower	Upper
240	100		
120	4.0	4.0	6.0
236	27.4	22.0	33.0

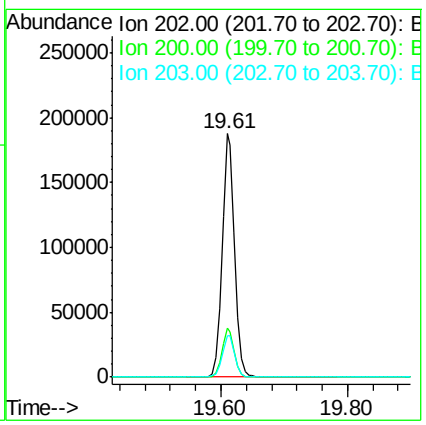


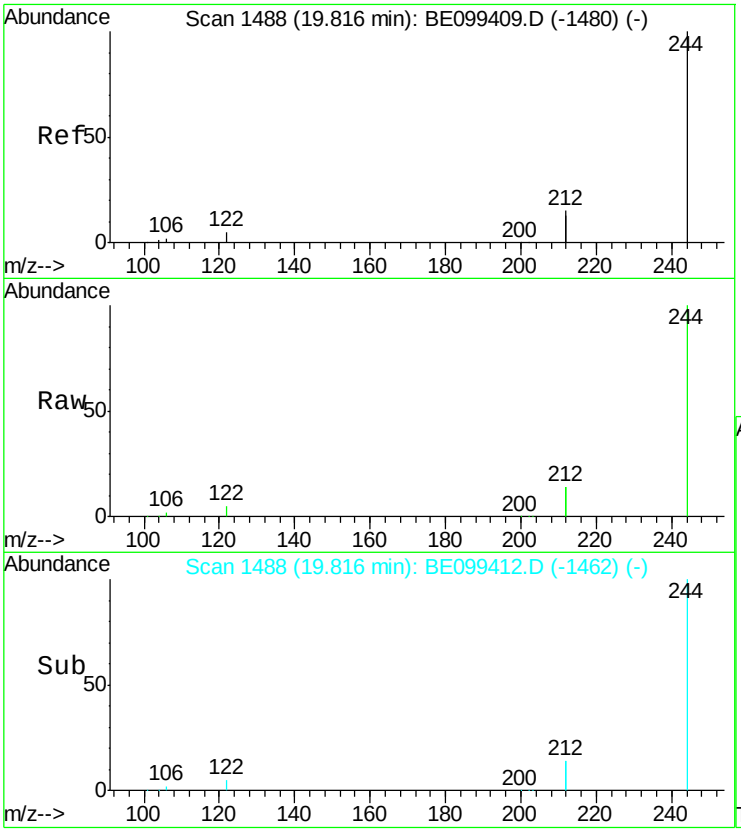


#28
Pyrene
Concen: 2.953 ng
RT: 19.61 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BE099412.D
Acq: 29 Apr 2019 17:18

Tgt Ion:202 Resp: 255752

Ion	Ratio	Lower	Upper
202	100		
200	19.8	15.7	23.5
203	17.5	13.9	20.9



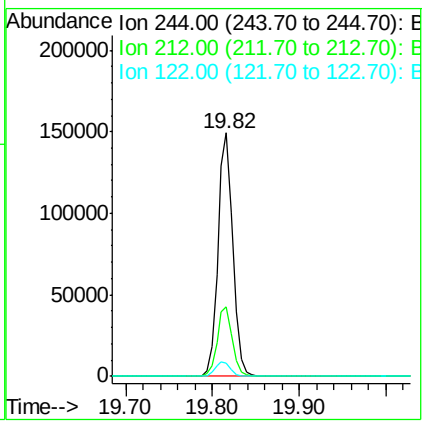


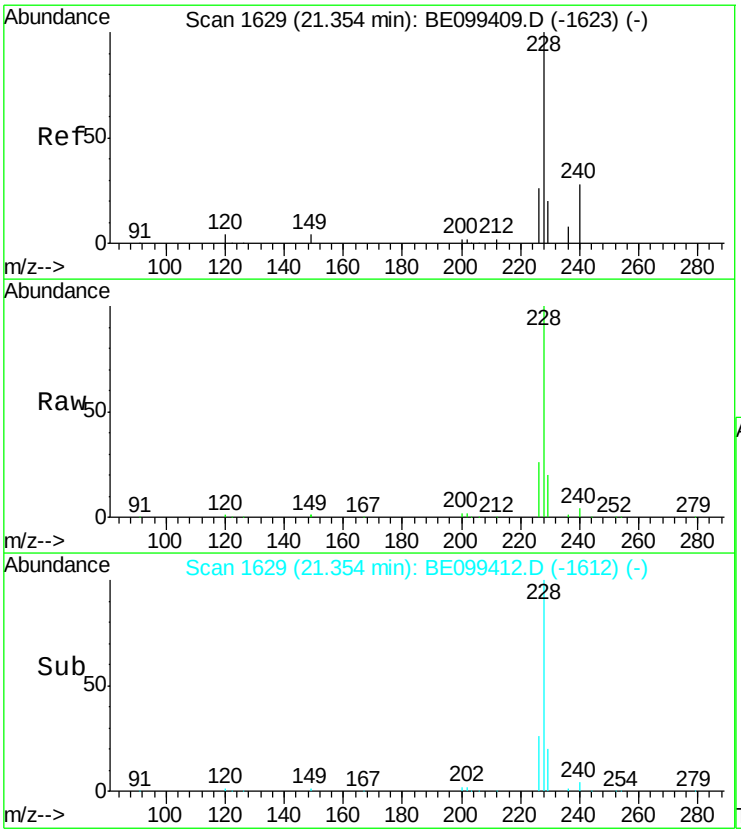
#29
Terphenyl-d14
Concen: 3.097 ng
RT: 19.82 min Scan# 1488
Delta R.T. -0.00 min
Lab File: BE099412.D
Acq: 29 Apr 2019 17:18

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:244 Resp: 179238

Ion	Ratio	Lower	Upper
244	100		
212	28.5	23.2	34.8
122	5.3	4.2	6.4

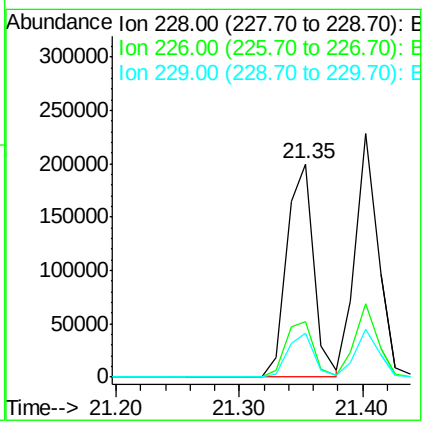


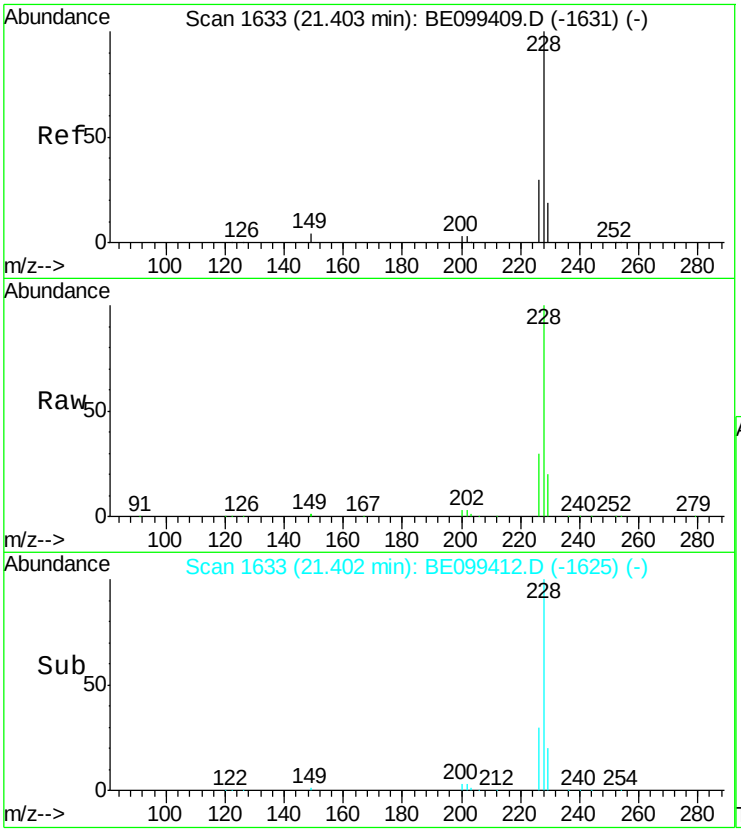


#30
Benzo(a)anthracene
Concen: 3.518 ng
RT: 21.35 min Scan# 1629
Delta R.T. -0.00 min
Lab File: BE099412.D
Acq: 29 Apr 2019 17:18

Tgt Ion:228 Resp: 304088

Ion	Ratio	Lower	Upper
228	100		
226	26.2	21.0	31.6
229	20.4	16.6	25.0



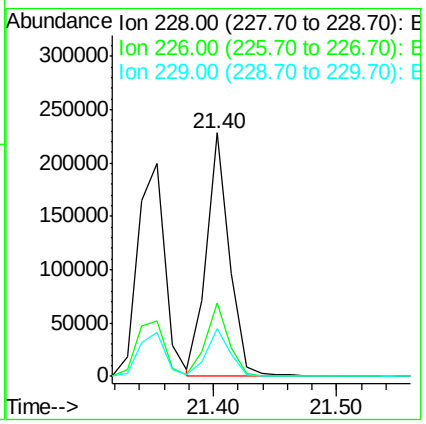


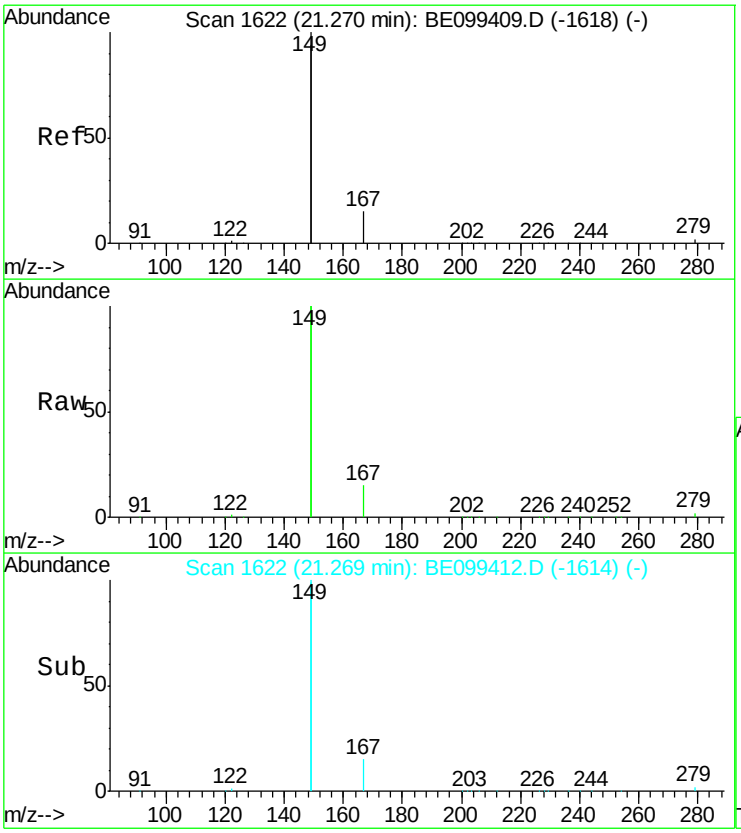
#31
Chrysene
Concen: 3.191 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.00 min
Lab File: BE099412.D
Acq: 29 Apr 2019 17:18

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:228 Resp: 293510

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.0	36.0
229	19.8	15.8	23.8

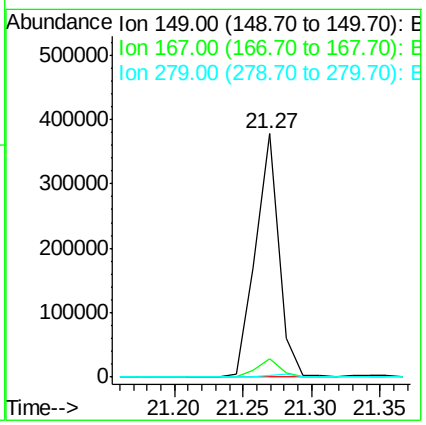


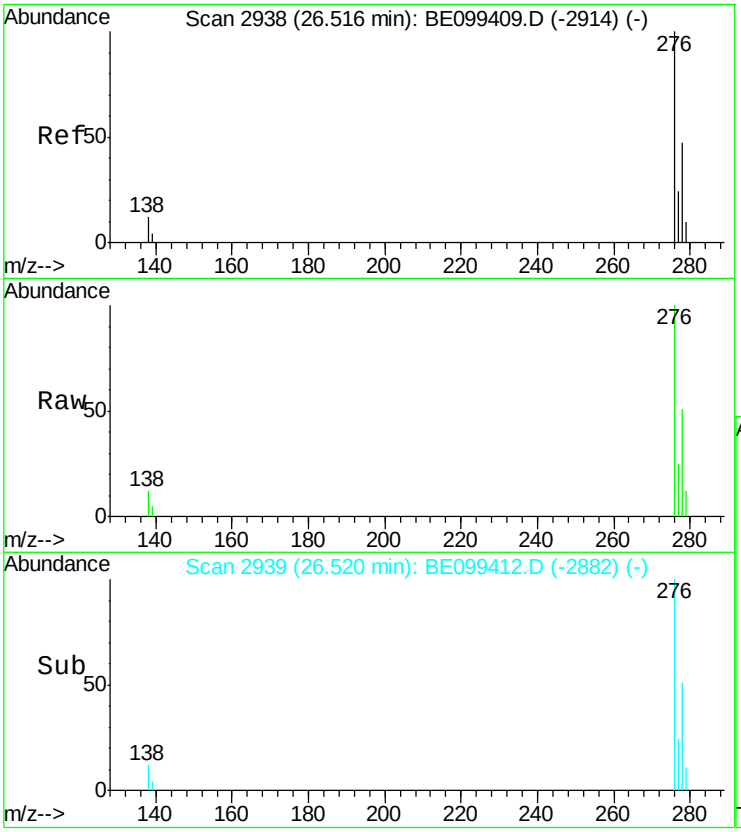


#32
Bis(2-ethylhexyl)phthalate
Concen: 5.647 ng
RT: 21.27 min Scan# 1622
Delta R.T. -0.00 min
Lab File: BE099412.D
Acq: 29 Apr 2019 17:18

Tgt Ion:149 Resp: 444170

Ion	Ratio	Lower	Upper
149	100		
167	7.5	5.8	8.6
279	1.3	1.0	1.6



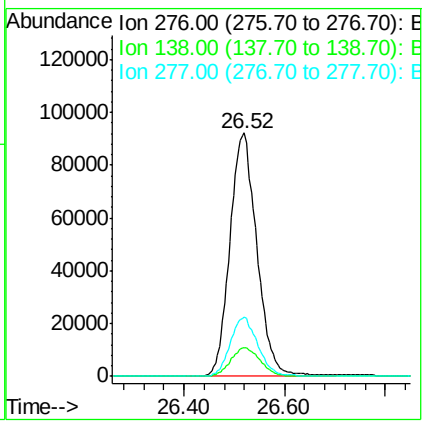


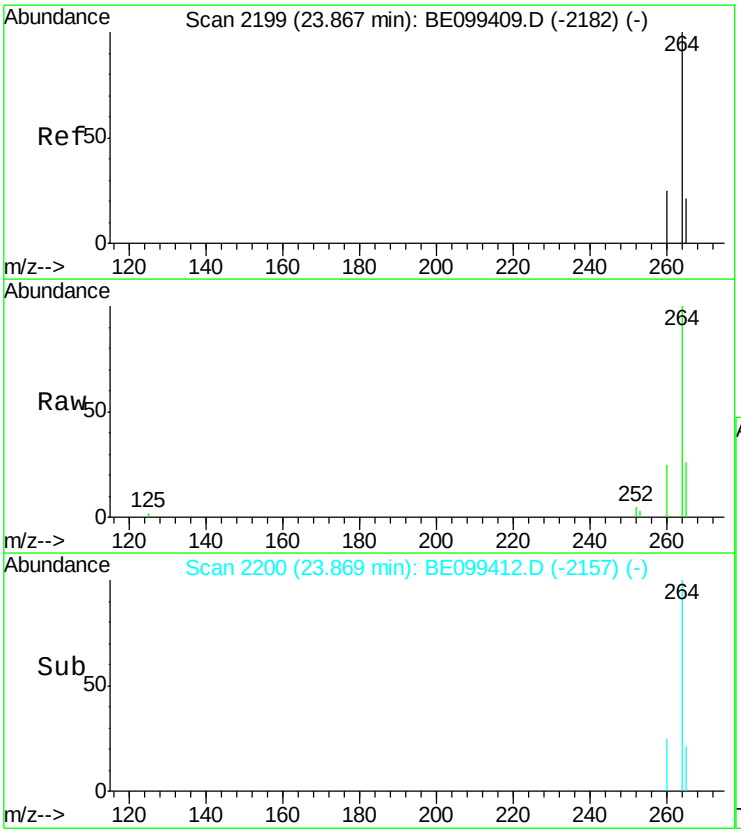
#33
Indeno(1,2,3-cd)pyrene
Concen: 3.778 ng
RT: 26.52 min Scan# 2939
Delta R.T. 0.00 min
Lab File: BE099412.D
Acq: 29 Apr 2019 17:18

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:276 Resp: 343149

Ion	Ratio	Lower	Upper
276	100		
138	12.6	10.2	15.2
277	24.7	19.2	28.8

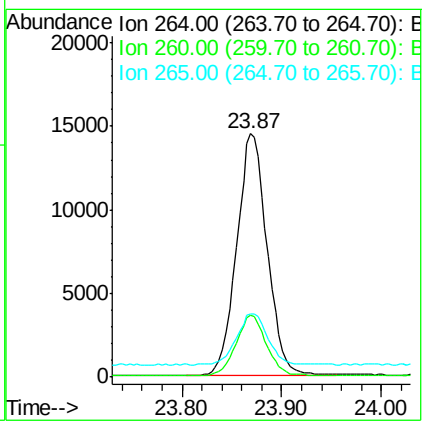


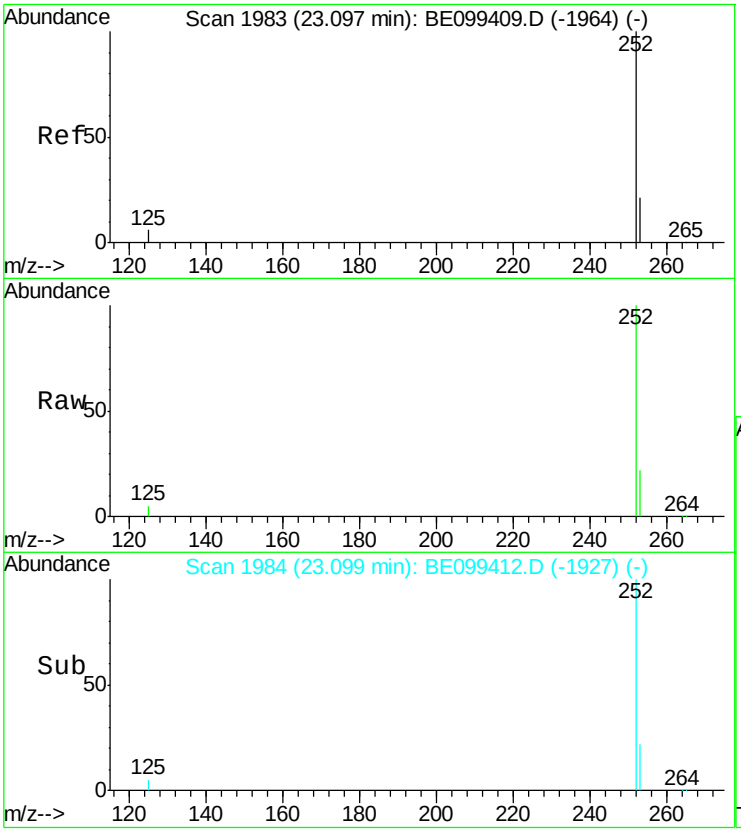


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.87 min Scan# 2200
Delta R.T. 0.00 min
Lab File: BE099412.D
Acq: 29 Apr 2019 17:18

Tgt Ion:264 Resp: 30634

Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.2	30.2
265	26.0	21.3	31.9



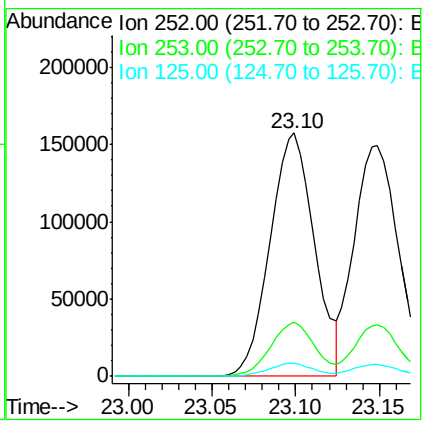


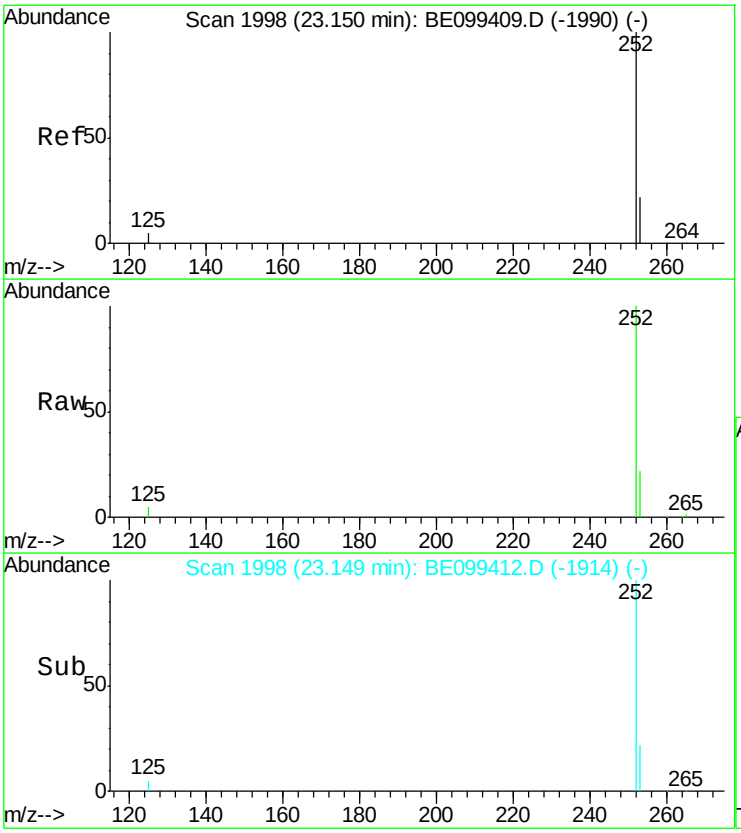
#35
Benzo(b)fluoranthene
Concen: 3.109 ng
RT: 23.10 min Scan# 1984
Delta R.T. 0.00 min
Lab File: BE099412.D
Acq: 29 Apr 2019 17:18

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:252 Resp: 291591

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	5.3	5.6	8.4#

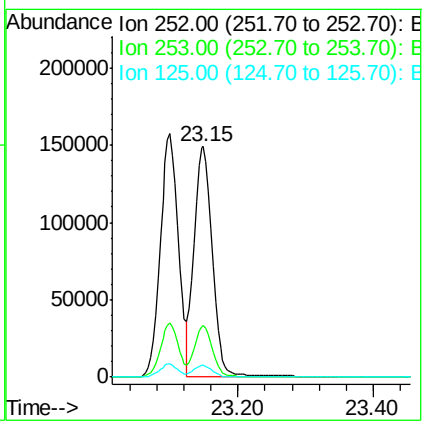


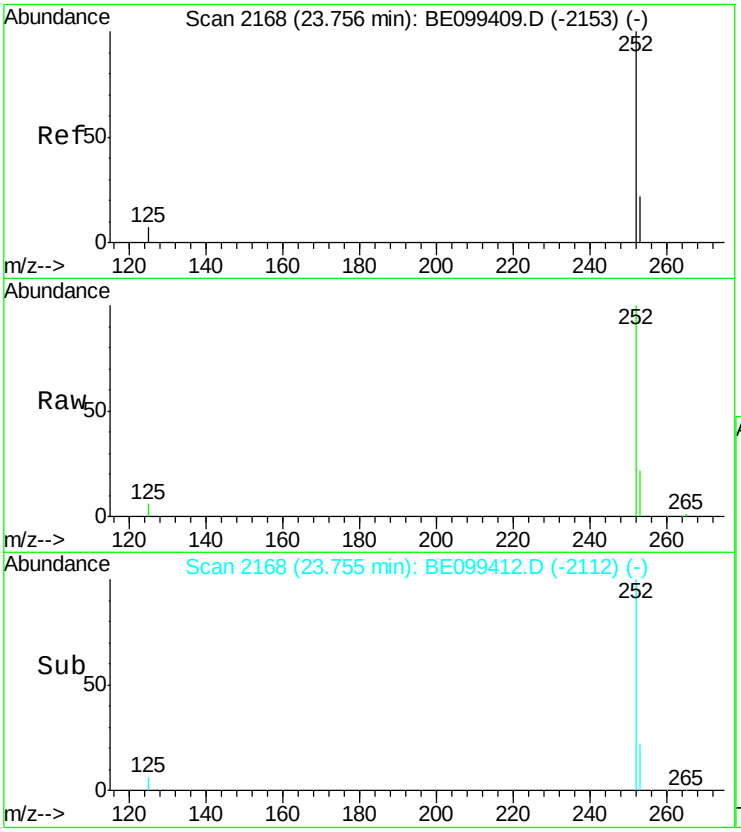


#36
Benzo(k)fluoranthene
Concen: 2.994 ng
RT: 23.15 min Scan# 1998
Delta R.T. -0.00 min
Lab File: BE099412.D
Acq: 29 Apr 2019 17:18

Tgt Ion:252 Resp: 279895

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.4	27.6
125	5.2	5.0	7.4



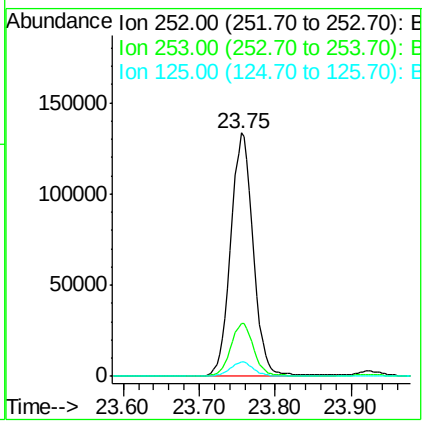


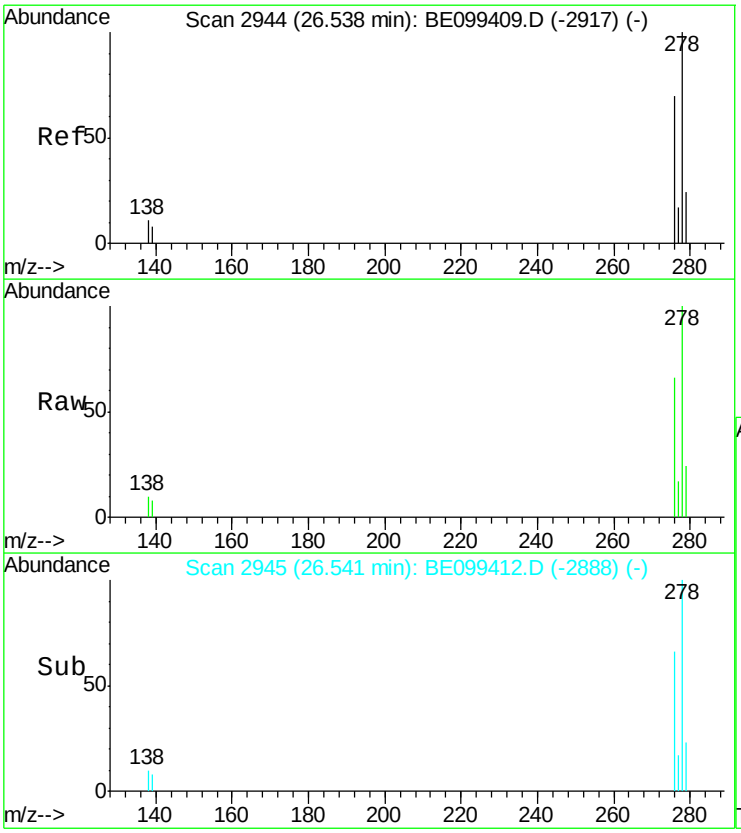
#37
Benzo(a)pyrene
Concen: 3.262 ng
RT: 23.75 min Scan# 2168
Delta R.T. -0.00 min
Lab File: BE099412.D
Acq: 29 Apr 2019 17:18

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:252 Resp: 274058

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.9	28.3
125	5.9	6.7	10.1#

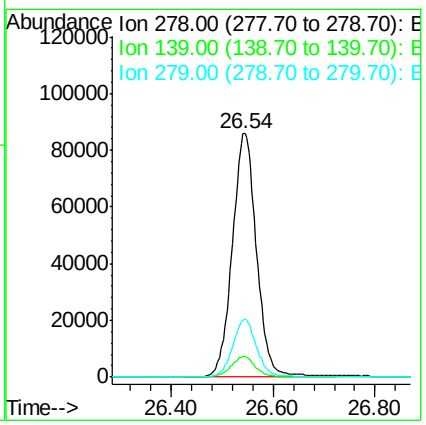


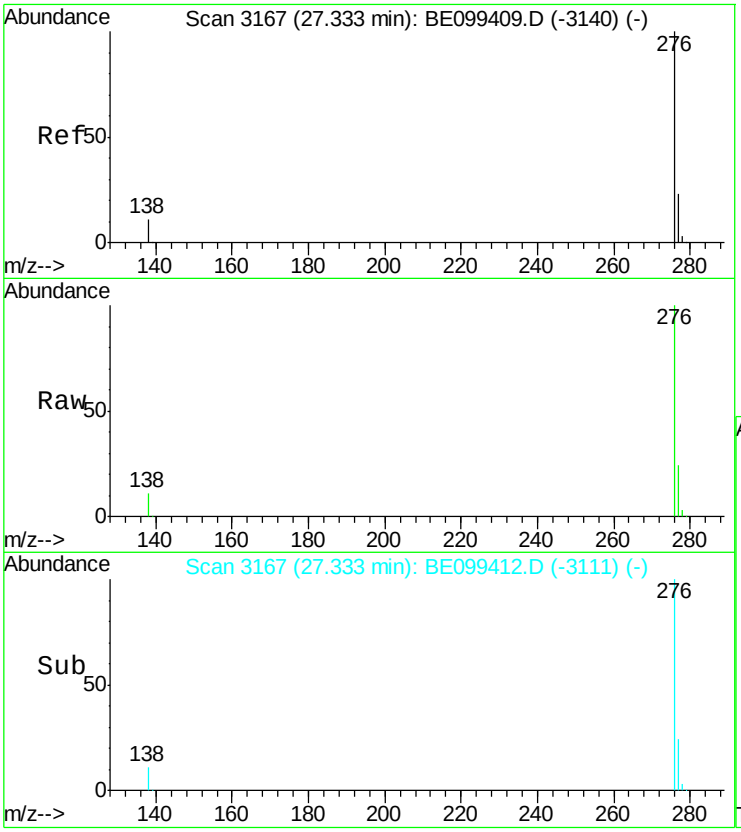


#38
Dibenzo(a,h)anthracene
Concen: 3.290 ng
RT: 26.54 min Scan# 2945
Delta R.T. 0.00 min
Lab File: BE099412.D
Acq: 29 Apr 2019 17:18

Tgt Ion:278 Resp: 282419

Ion	Ratio	Lower	Upper
278	100		
139	8.4	7.7	11.5
279	23.6	20.2	30.2





#39
Benzo(g,h,i)perylene
Concen: 3.209 ng
RT: 27.33 min Scan# 3167
Delta R.T. 0.00 min
Lab File: BE099412.D
Acq: 29 Apr 2019 17:18

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:276 Resp: 279455

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.5	29.3
138	10.9	9.6	14.4