Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE112918\
Data File : BE098271.D
Acq On : 29 Nov 2018 13:19
Operator : SJ/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC3.2

Quant Time: Nov 29 13:51:16 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE112918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 29 12:12:21 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1792	0.40	ng		0.00
7) Naphthalene-d8	10.67	136	7739	0.40	ng		0.00
13) Acenaphthene-d10	14.53	164	4695	0.40	ng		0.00
19) Phenanthrene-d10	17.28	188	10729	0.40	ng		0.00
27) Chrysene-d12	21.46	240	12566	0.40	ng		0.00
34) Perylene-d12	24.01	264	11897	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.45	112	15823	3.29	ng		0.00
5) Phenol-d6	7.03	99	23221	3.08	ng		0.00
8) Nitrobenzene-d5	9.02	82	25820	3.53	ng		0.00
11) 2-Methylnaphthalene-d10	12.27	152	40494	2.98	ng		0.00
14) 2,4,6-Tribromophenol	16.02	330	7091	4.69	ng		0.00
15) 2-Fluorobiphenyl	13.15	172	59537	2.92	ng		0.00
25) Fluoranthene-d10	19.31	212	431294	3.30	ng		0.00
29) Terphenyl-d14	19.91	244	86836	3.01	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.37	88	9531	3.388	ng		97
3) n-Nitrosodimethylamine	3.67	42	11468	3.628	ng	#	100
6) bis(2-Chloroethyl)ether	7.28	93	20824	3.221	ng		95
9) Naphthalene	10.71	128	245515	3.115	ng		99
10) Hexachlorobutadiene	10.99	225	15456	3.343	ng		99
12) 2-Methylnaphthalene	12.34	142	41643	3.000	ng		97
16) Acenaphthylene	14.24	152	71380	3.193	ng		99
17) Acenaphthene	14.59	154	42303	3.170	ng		99
18) Fluorene	15.57	166	54794	3.221	ng		100
20) 4-Bromophenyl-phenylether	16.46	248	20749	3.123	ng		92
21) Hexachlorobenzene	16.58	284	20683	3.018	ng		97
22) Pentachlorophenol	16.94	266	7934	8.387	ng		91
23) Phenanthrene	17.31	178	85729	3.105	ng		99
24) Anthracene	17.41	178	83016	3.311	ng		99
26) Fluoranthene	19.34	202	107548	3.247	ng		100
28) Pyrene	19.70	202	111992	3.049	ng		99
30) Benzo(a)anthracene	21.45	228	117500	3.232	ng		99
31) Chrysene	21.50	228	117494	3.141	ng		98
32) Bis(2-ethylhexyl)phthalate	21.37	149	273899	4.834	ng		100
33) Indeno(1,2,3-cd)pyrene	26.70	276	124210	3.880	ng		99
35) Benzo(b)fluoranthene	23.23	252	107920	3.212	ng	#	94
36) Benzo(k)fluoranthene	23.28	252	119075	3.139	ng	#	95
37) Benzo(a)pyrene	23.90	252	107963	3.273	ng	#	93
38) Dibenzo(a,h)anthracene	26.73	278	103565	3.917	ng	#	92
39) Benzo(g,h,i)perylene	27.53	276	103216	3.624	ng		96

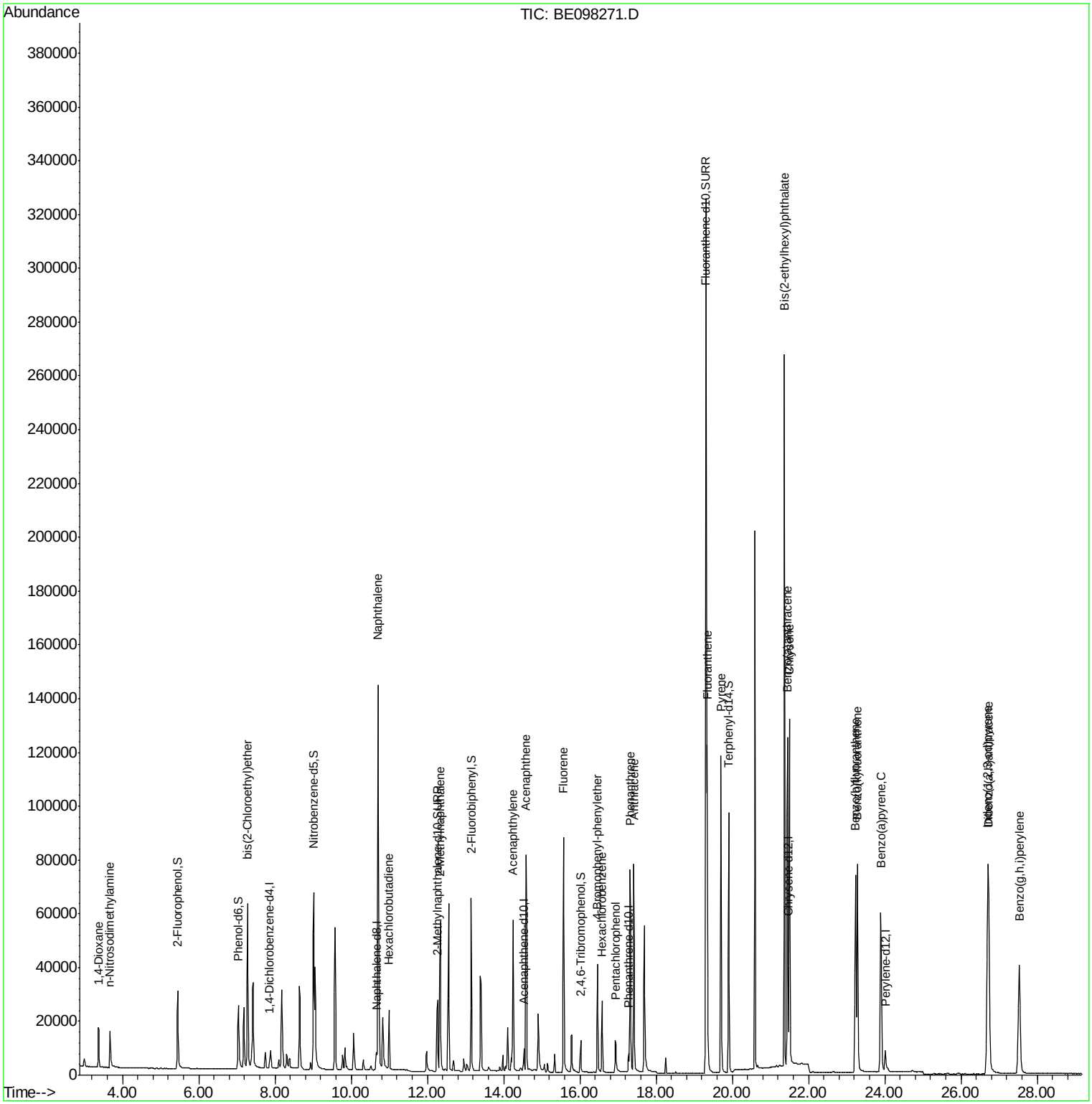
(#) = qualifier out of range (m) = manual integration (+) = signals summed

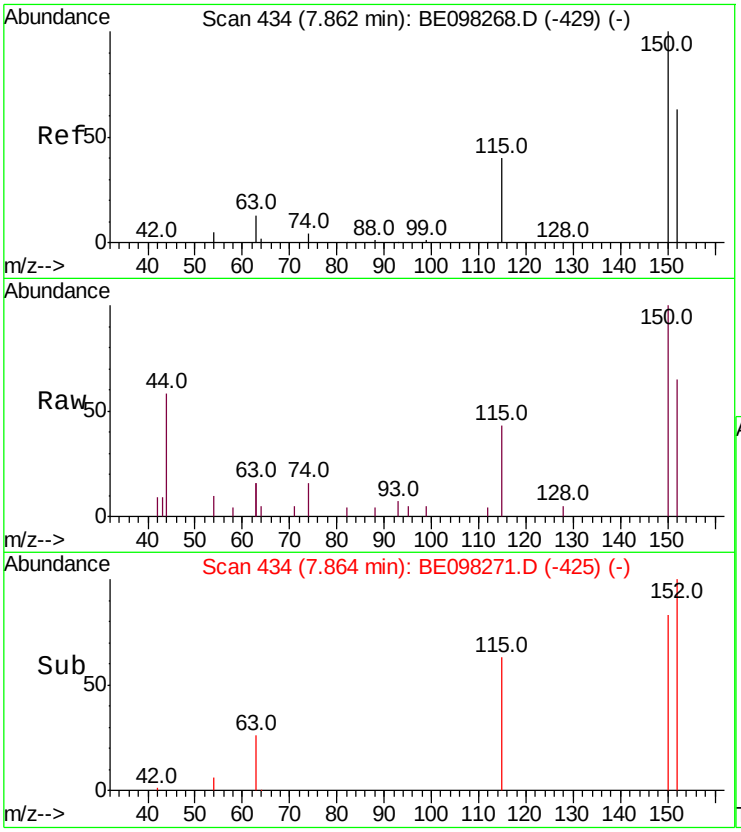
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE112918\
Data File : BE098271.D
Acq On : 29 Nov 2018 13:19
Operator : SJ/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Quant Time: Nov 29 13:51:16 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE112918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 29 12:12:21 2018
Response via : Initial Calibration



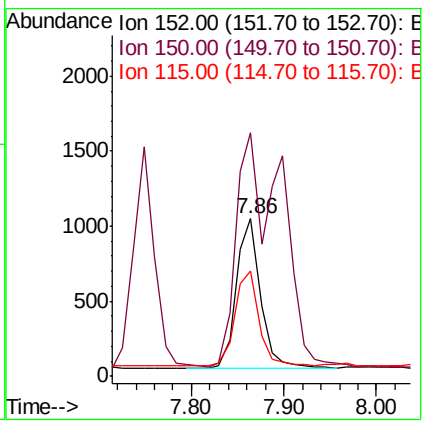


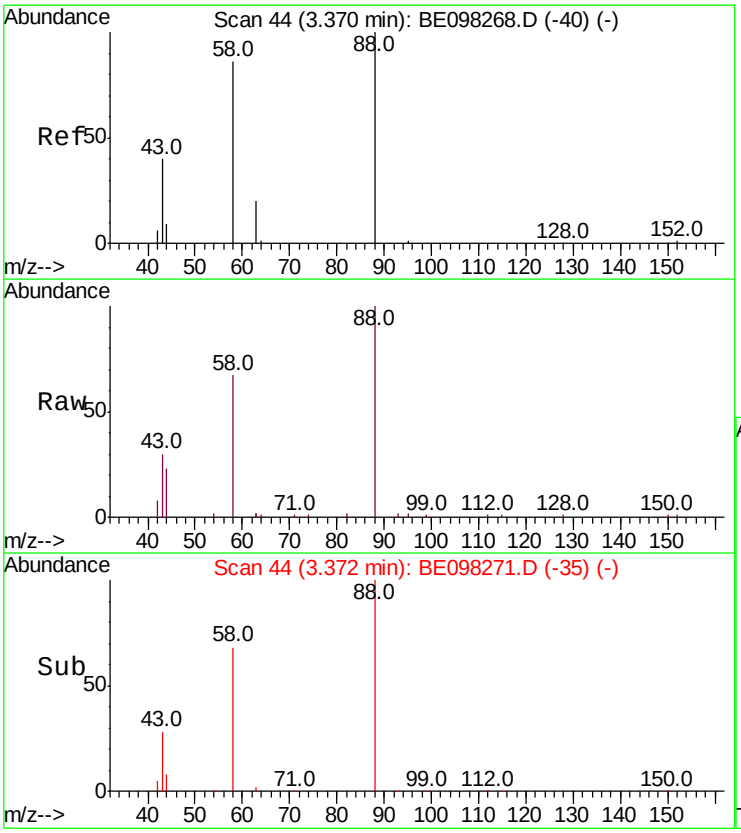
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. 0.00 min
Lab File: BE098271.D
Acq: 29 Nov 2018 13:19

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 1792

Ion	Ratio	Lower	Upper
152	100		
150	154.5	124.2	186.4
115	66.5	53.9	80.9

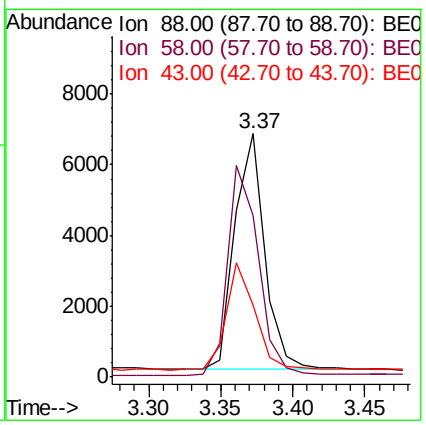


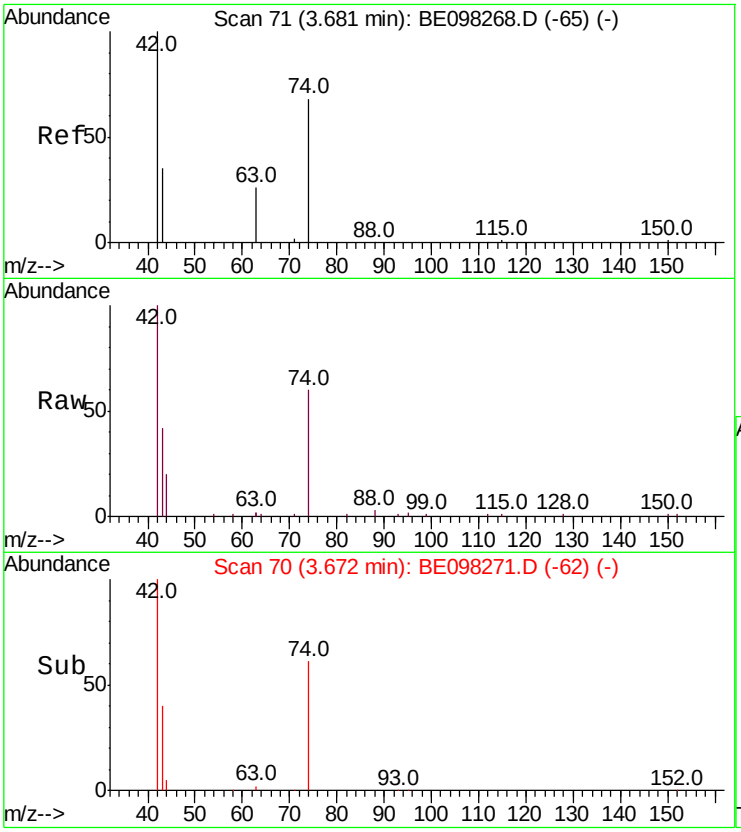


#2
1,4-Dioxane
Concen: 3.388 ng
RT: 3.37 min Scan# 44
Delta R.T. 0.00 min
Lab File: BE098271.D
Acq: 29 Nov 2018 13:19

Tgt Ion: 88 Resp: 9531

Ion	Ratio	Lower	Upper
88	100		
58	92.4	75.0	112.6
43	44.5	38.3	57.5



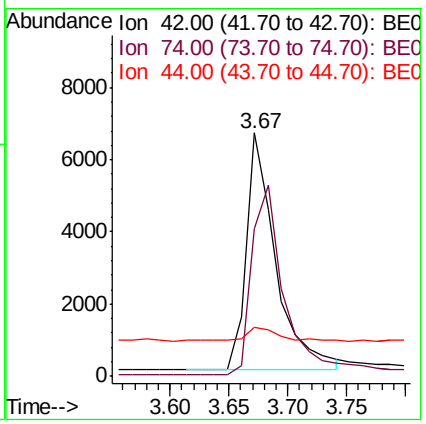


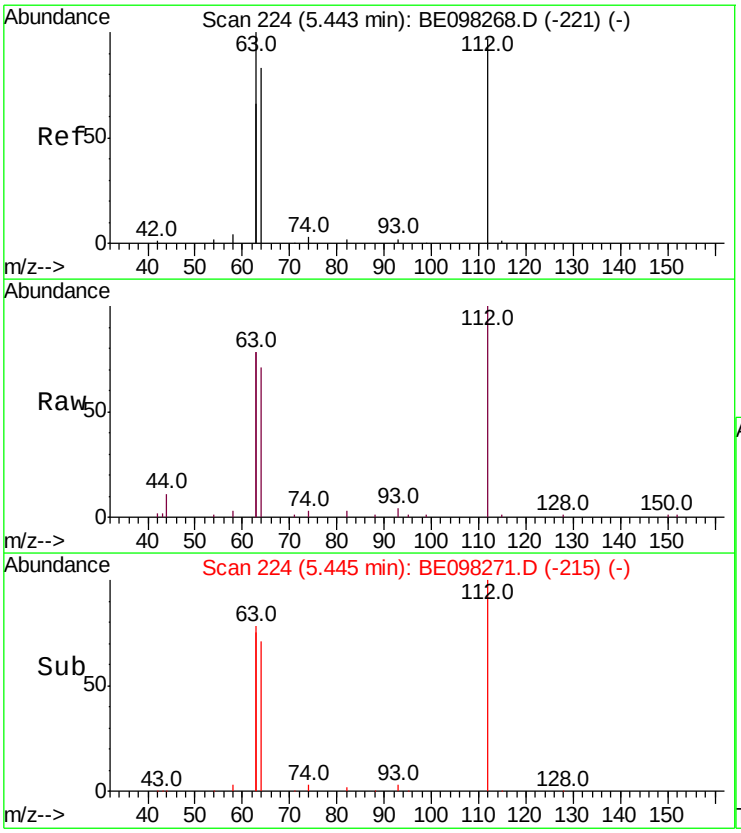
#3
n-Nitrosodimethylamine
Concen: 3.628 ng
RT: 3.67 min Scan# 70
Delta R.T. -0.01 min
Lab File: BE098271.D
Acq: 29 Nov 2018 13:19

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion: 42 Resp: 11468

Ion	Ratio	Lower	Upper
42	100		
74	85.7	0.0	0.0#
44	6.4	0.0	0.0#

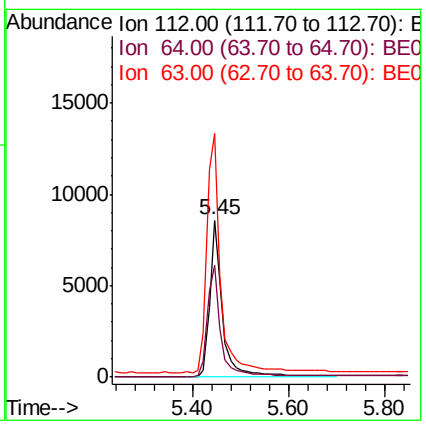


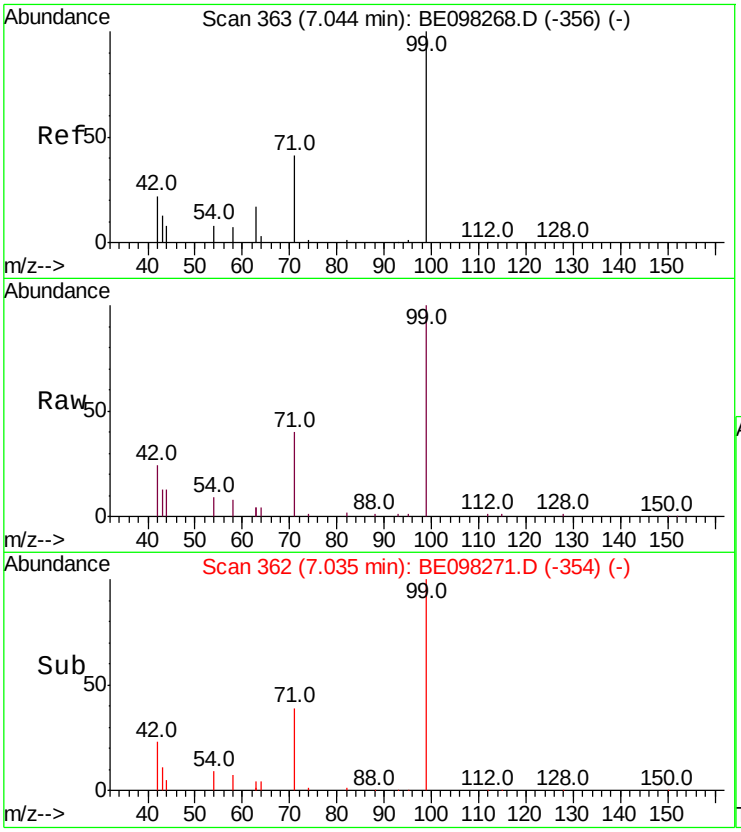


#4
2-Fluorophenol
Concen: 3.292 ng
RT: 5.45 min Scan# 224
Delta R.T. 0.00 min
Lab File: BE098271.D
Acq: 29 Nov 2018 13:19

Tgt Ion:112 Resp: 15823

Ion	Ratio	Lower	Upper
112	100		
64	76.2	59.8	89.8
63	165.8	133.7	200.5



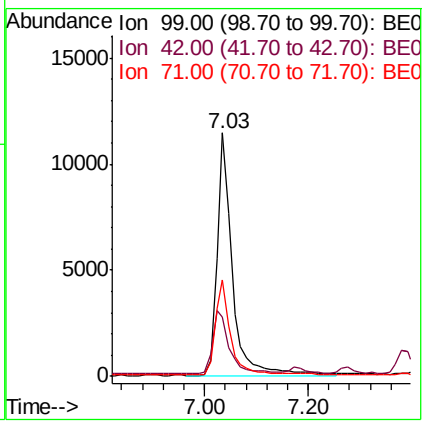


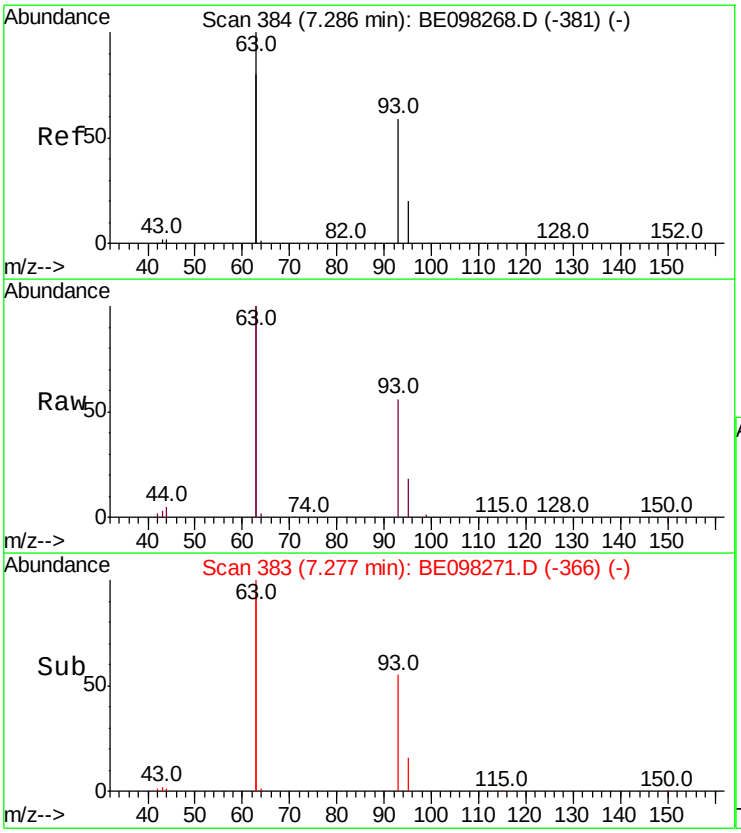
#5
Phenol-d6
Concen: 3.076 ng
RT: 7.03 min Scan# 362
Delta R.T. -0.01 min
Lab File: BE098271.D
Acq: 29 Nov 2018 13:19

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion: 99 Resp: 23221

Ion	Ratio	Lower	Upper
99	100		
42	28.2	26.3	39.5
71	40.6	33.6	50.4

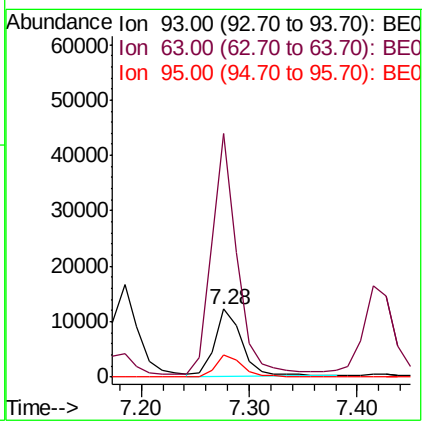


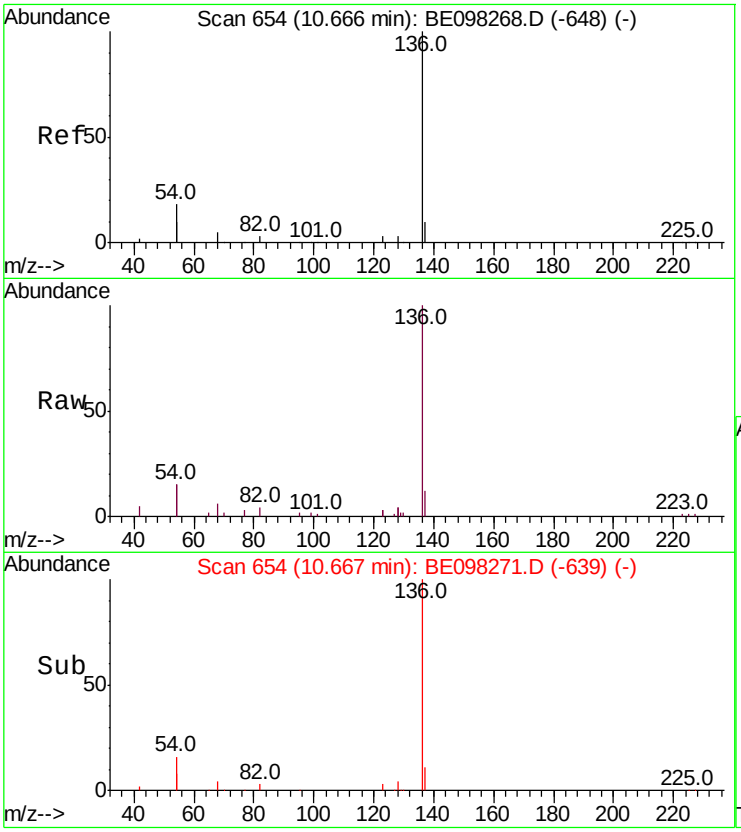


#6
bis(2-Chloroethyl)ether
Concen: 3.221 ng
RT: 7.28 min Scan# 383
Delta R.T. -0.01 min
Lab File: BE098271.D
Acq: 29 Nov 2018 13:19

Tgt Ion: 93 Resp: 20824

Ion	Ratio	Lower	Upper
93	100		
63	341.5	264.4	396.6
95	31.4	26.6	40.0



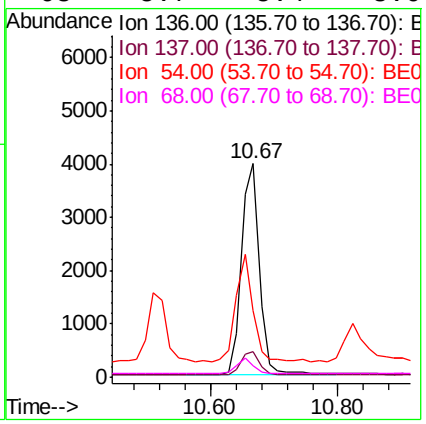


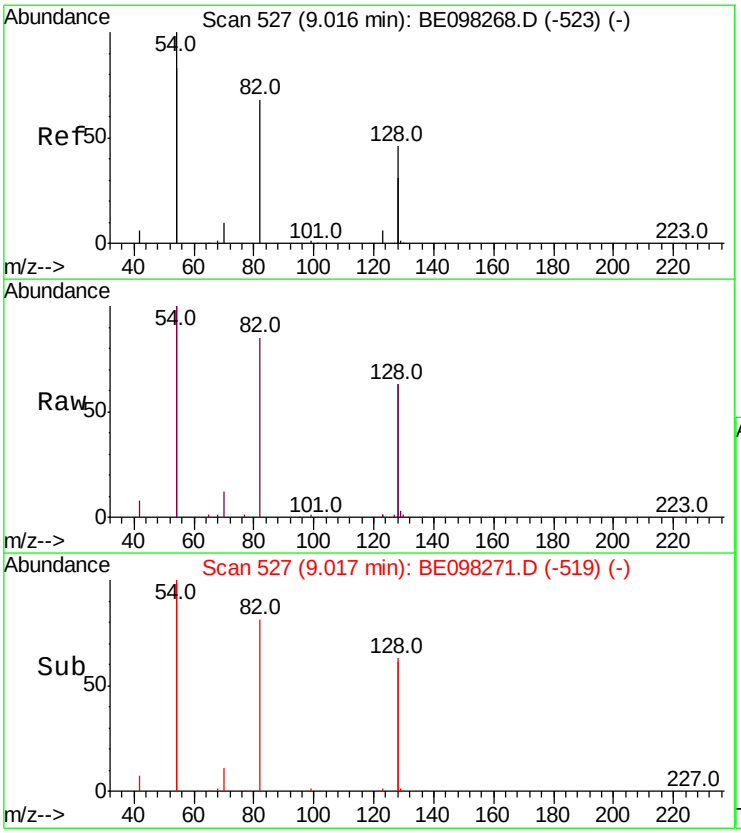
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.67 min Scan# 654
Delta R.T. 0.00 min
Lab File: BE098271.D
Acq: 29 Nov 2018 13:19

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:136 Resp: 7739

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.2	13.8
54	31.0	28.4	42.6
68	5.7	5.4	8.0

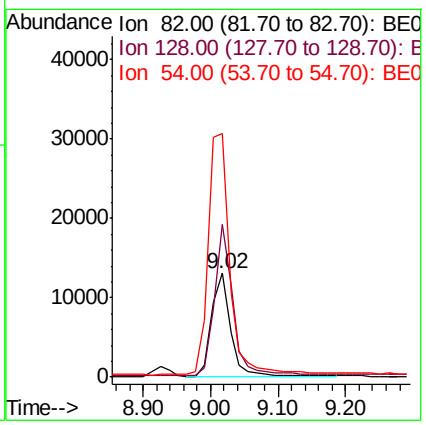


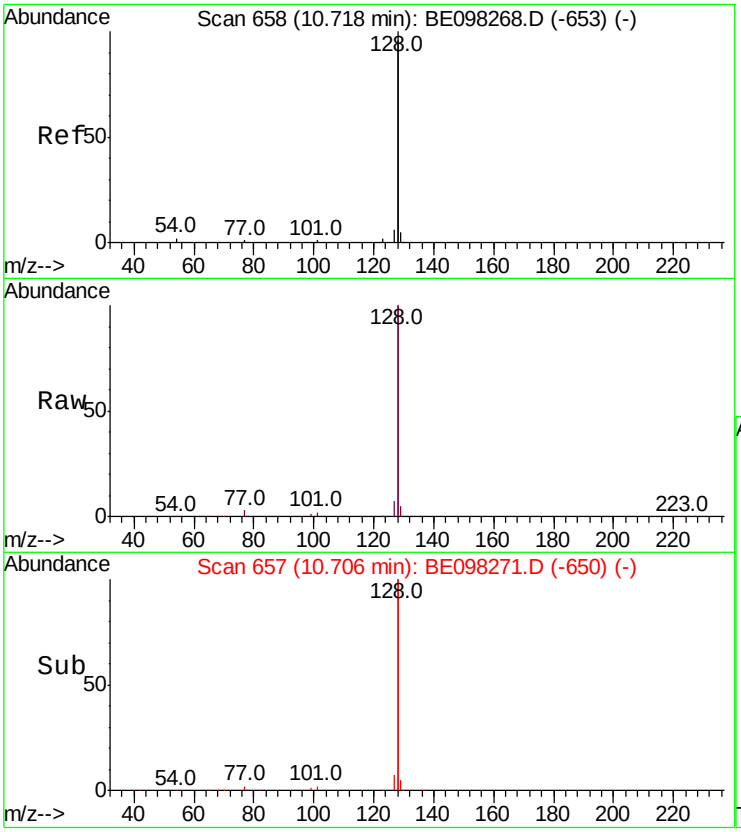


#8
Nitrobenzene-d5
Concen: 3.535 ng
RT: 9.02 min Scan# 527
Delta R.T. 0.00 min
Lab File: BE098271.D
Acq: 29 Nov 2018 13:19

Tgt Ion: 82 Resp: 25820

Ion	Ratio	Lower	Upper
82	100		
128	147.4	102.4	153.6
54	235.0	221.8	332.8



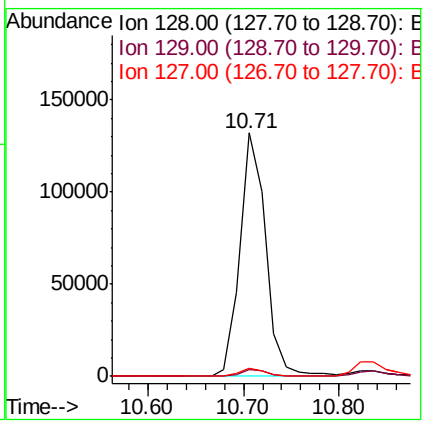


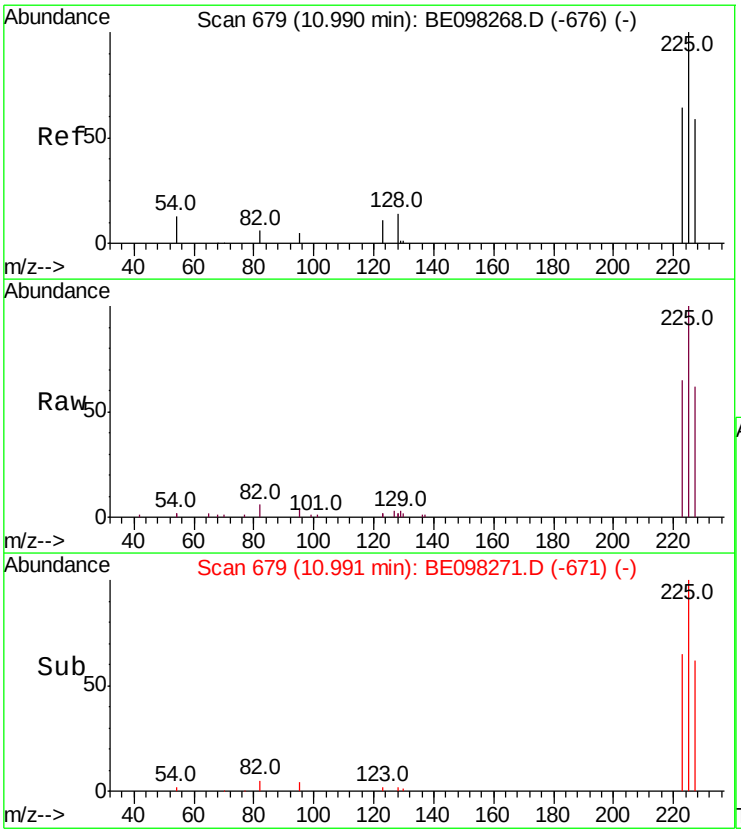
#9
Naphthalene
Concen: 3.115 ng
RT: 10.71 min Scan# 657
Delta R.T. -0.01 min
Lab File: BE098271.D
Acq: 29 Nov 2018 13:19

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:128 Resp: 245515

Ion	Ratio	Lower	Upper
128	100		
129	2.7	2.5	3.7
127	3.4	2.7	4.1

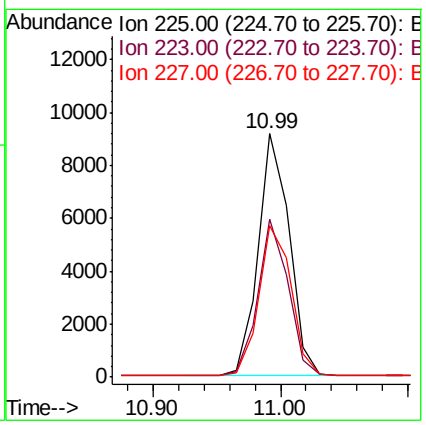


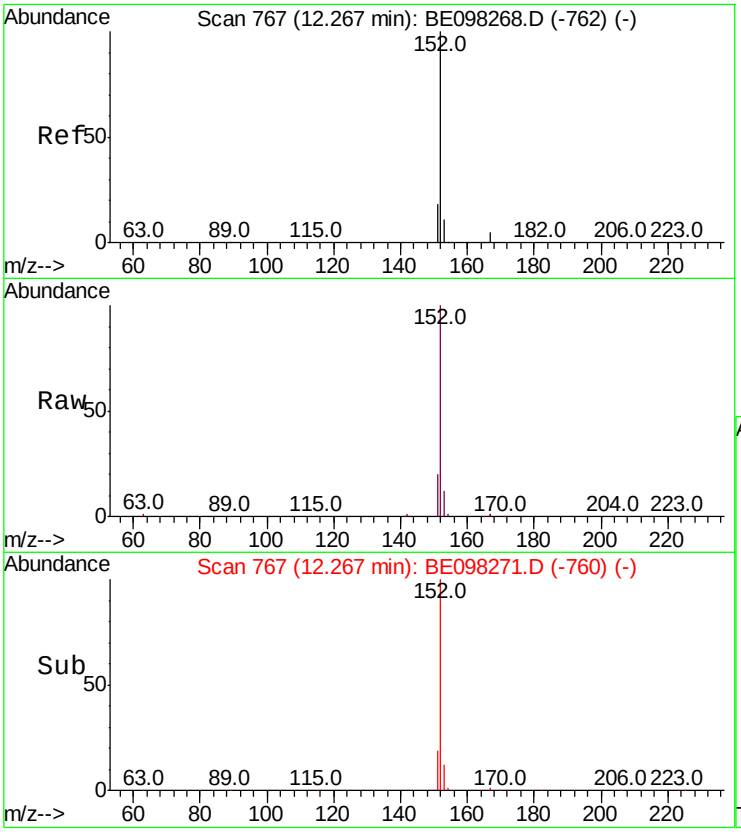


#10
Hexachlorobutadiene
Concen: 3.343 ng
RT: 10.99 min Scan# 679
Delta R.T. 0.00 min
Lab File: BE098271.D
Acq: 29 Nov 2018 13:19

Tgt Ion:225 Resp: 15456

Ion	Ratio	Lower	Upper
225	100		
223	63.3	49.4	74.0
227	64.4	52.0	78.0



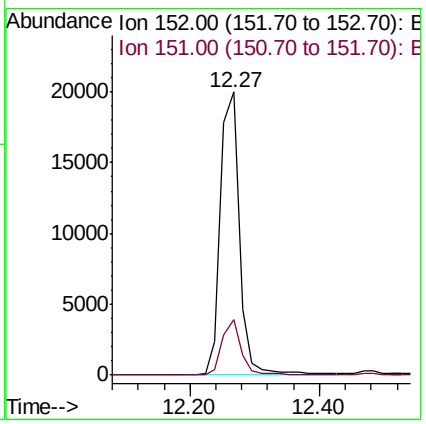


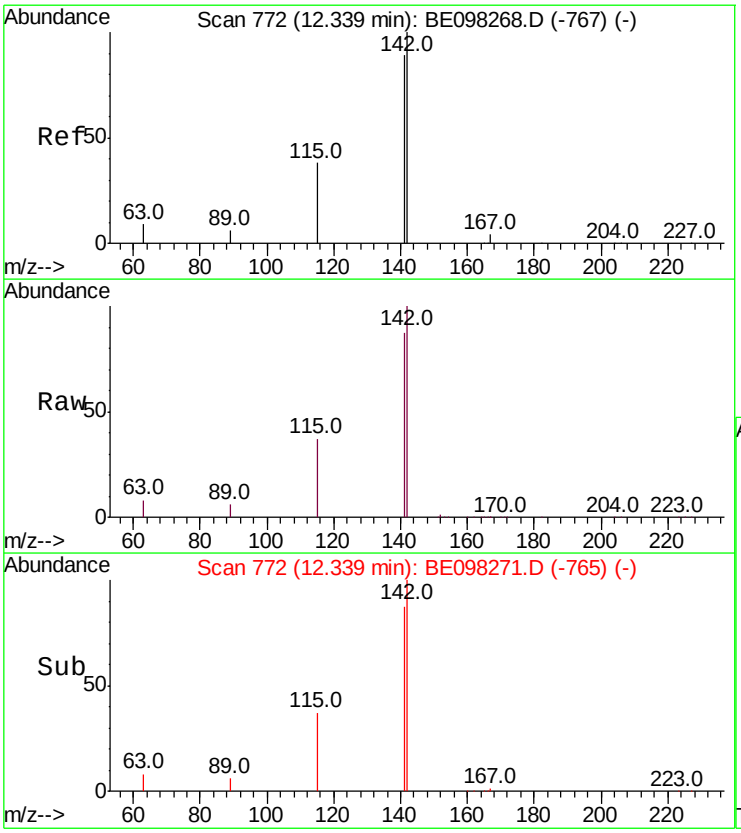
#11
2-Methylnaphthalene-d10
Concen: 2.982 ng
RT: 12.27 min Scan# 767
Delta R.T. 0.00 min
Lab File: BE098271.D
Acq: 29 Nov 2018 13:19

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 40494

Ion	Ratio	Lower	Upper
152	100		
151	19.0	16.2	24.4

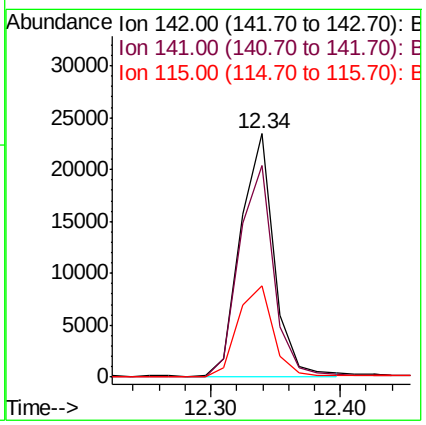


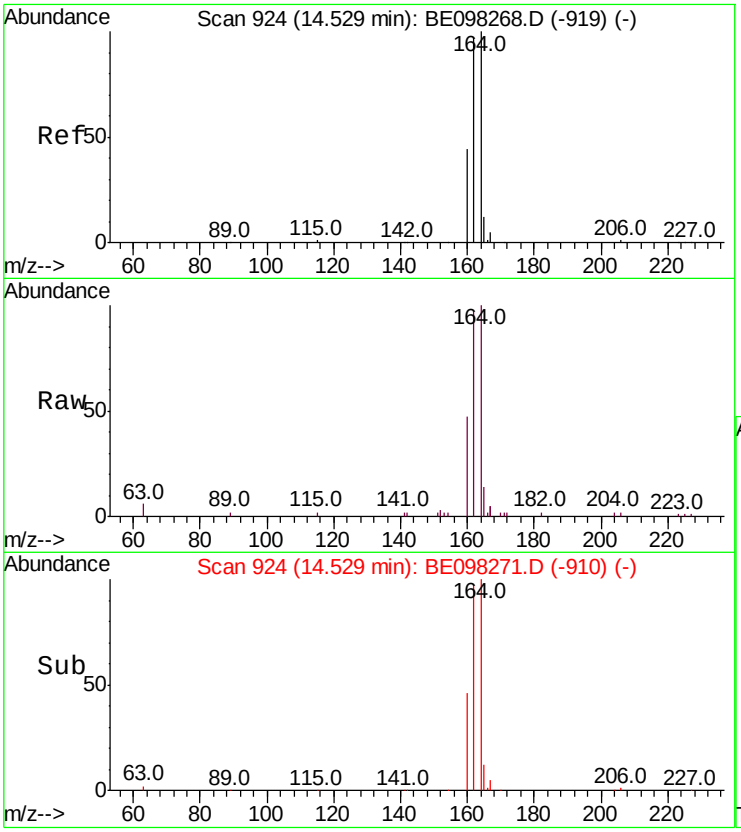


#12
2-Methylnaphthalene
Concen: 3.000 ng
RT: 12.34 min Scan# 772
Delta R.T. 0.00 min
Lab File: BE098271.D
Acq: 29 Nov 2018 13:19

Tgt Ion:142 Resp: 41643

Ion	Ratio	Lower	Upper
142	100		
141	86.9	71.0	106.6
115	37.3	32.2	48.2



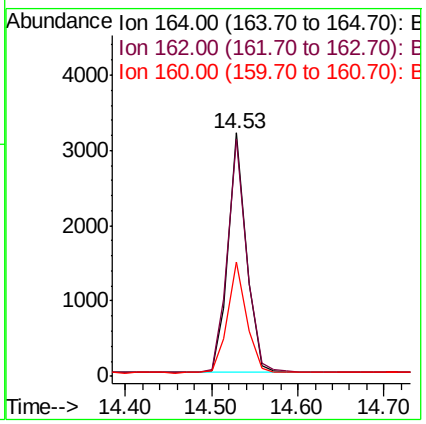


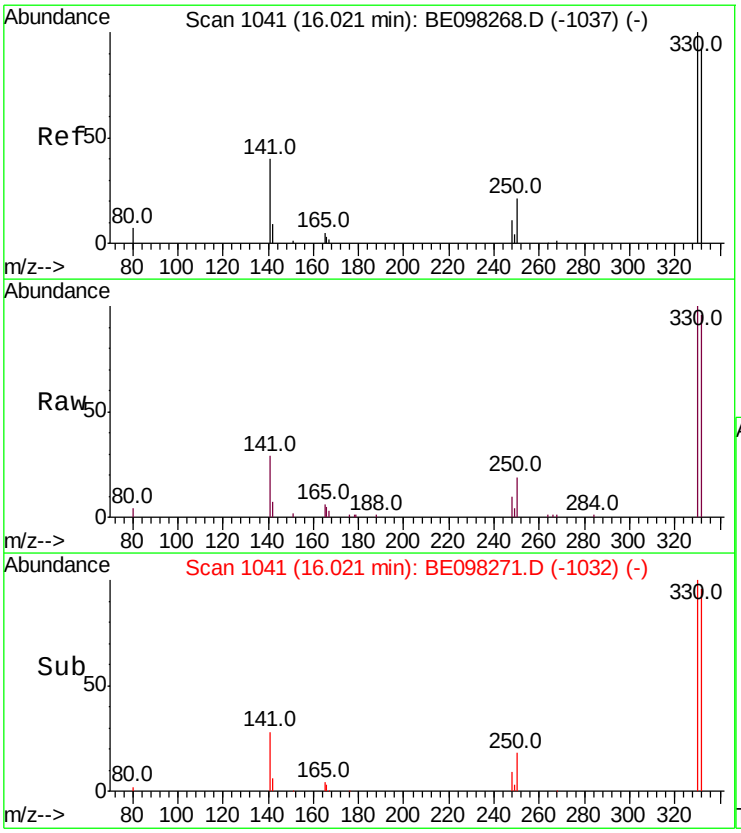
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. 0.00 min
Lab File: BE098271.D
Acq: 29 Nov 2018 13:19

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:164 Resp: 4695

Ion	Ratio	Lower	Upper
164	100		
162	97.5	77.6	116.4
160	47.1	36.0	54.0

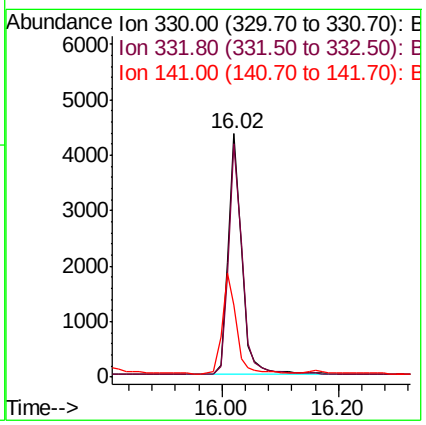


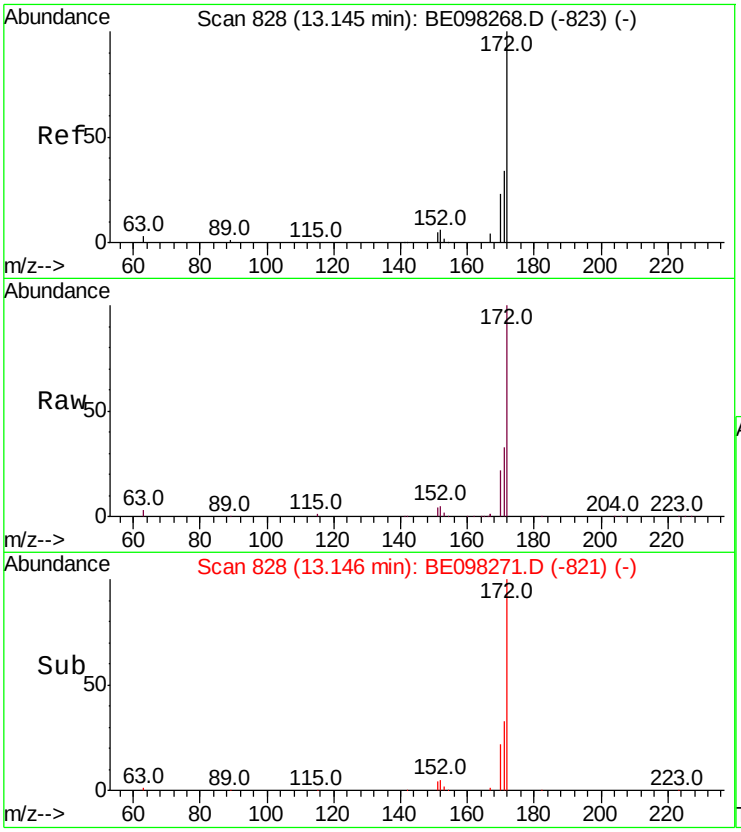


#14
2,4,6-Tribromophenol
Concen: 4.689 ng
RT: 16.02 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BE098271.D
Acq: 29 Nov 2018 13:19

Tgt Ion:330 Resp: 7091

Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.2	114.4
141	42.7	39.0	58.4



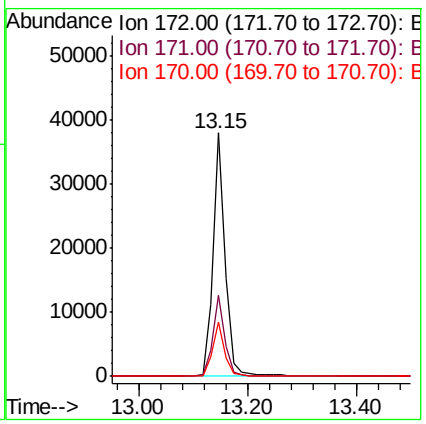


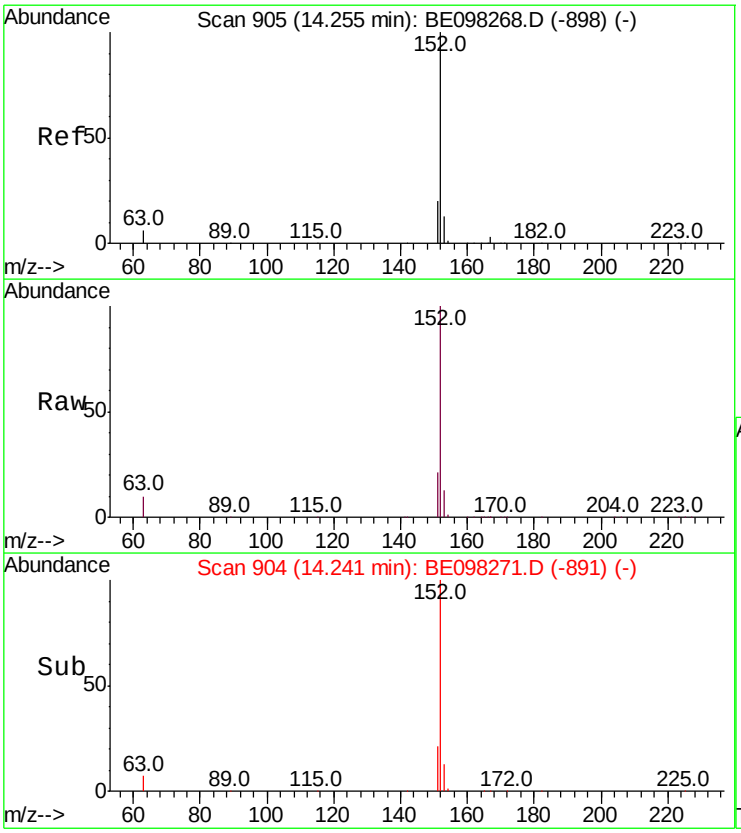
#15
2-Fluorobiphenyl
Concen: 2.916 ng
RT: 13.15 min Scan# 828
Delta R.T. 0.00 min
Lab File: BE098271.D
Acq: 29 Nov 2018 13:19

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:172 Resp: 59537

Ion	Ratio	Lower	Upper
172	100		
171	33.2	27.5	41.3
170	22.4	19.6	29.4

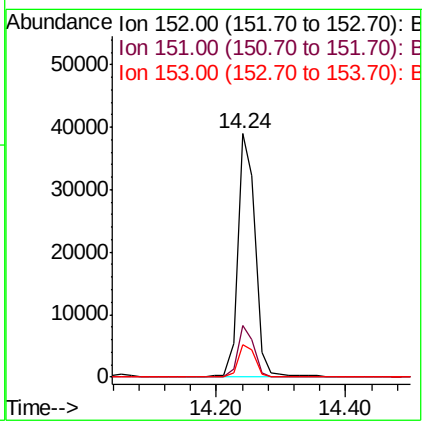


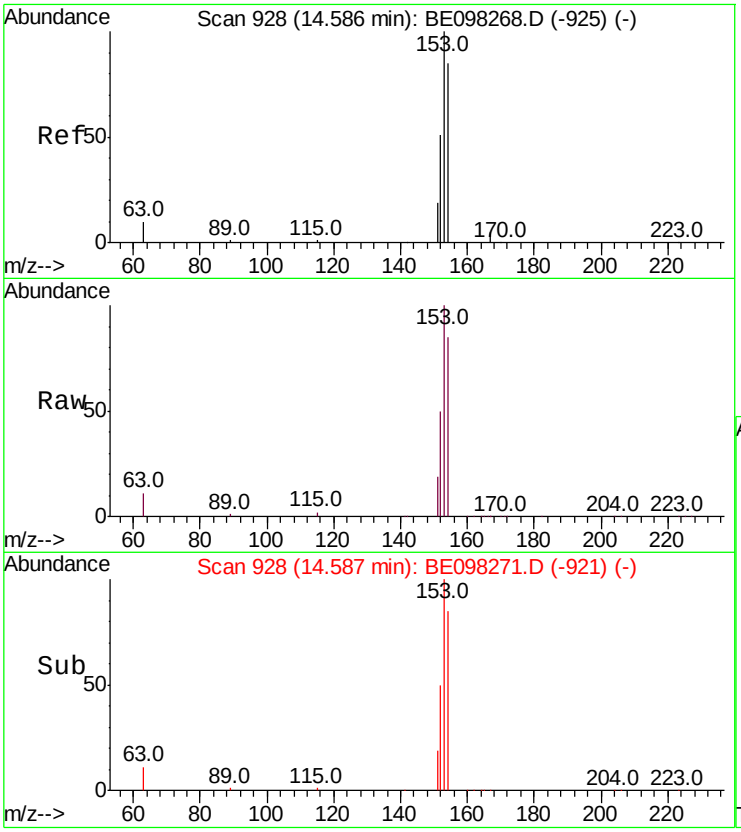


#16
Acenaphthylene
Concen: 3.193 ng
RT: 14.24 min Scan# 904
Delta R.T. -0.01 min
Lab File: BE098271.D
Acq: 29 Nov 2018 13:19

Tgt Ion:152 Resp: 71380

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.5	23.3
153	13.1	10.6	16.0



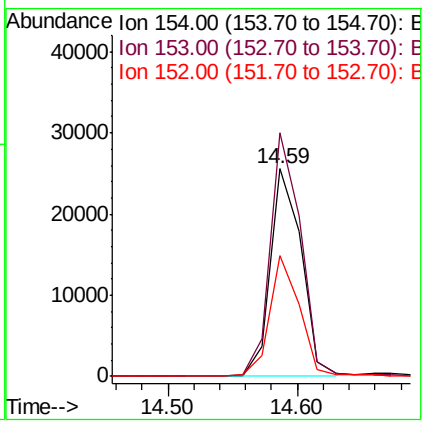


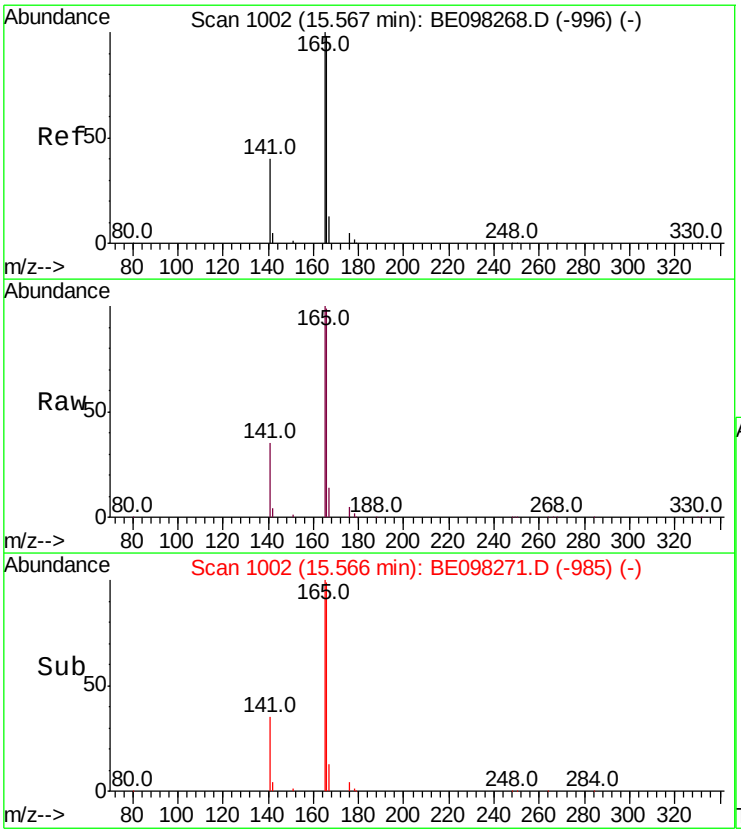
#17
Acenaphthene
Concen: 3.170 ng
RT: 14.59 min Scan# 928
Delta R.T. 0.00 min
Lab File: BE098271.D
Acq: 29 Nov 2018 13:19

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:154 Resp: 42303

Ion	Ratio	Lower	Upper
154	100		
153	114.9	91.8	137.6
152	55.2	45.5	68.3

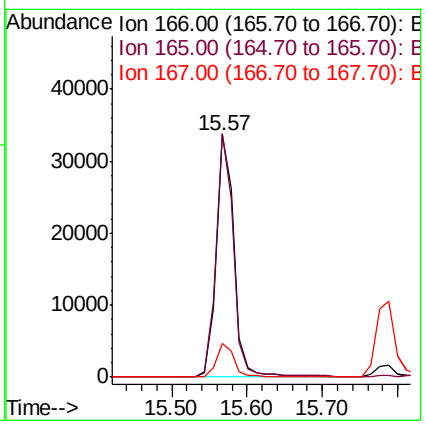


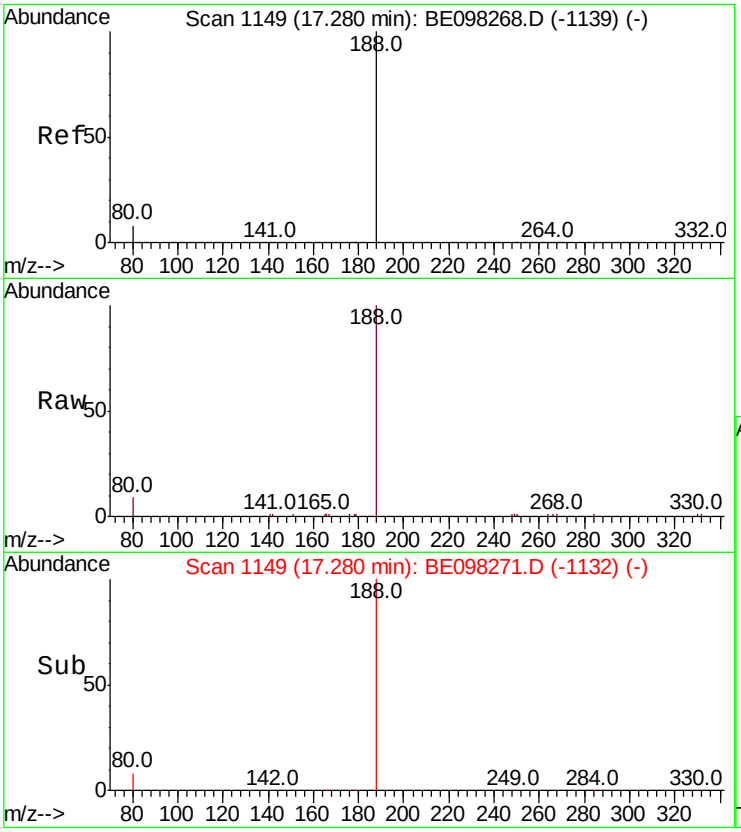


#18
Fluorene
Concen: 3.221 ng
RT: 15.57 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BE098271.D
Acq: 29 Nov 2018 13:19

Tgt Ion:166 Resp: 54794

Ion	Ratio	Lower	Upper
166	100		
165	98.9	79.3	118.9
167	13.4	11.3	16.9



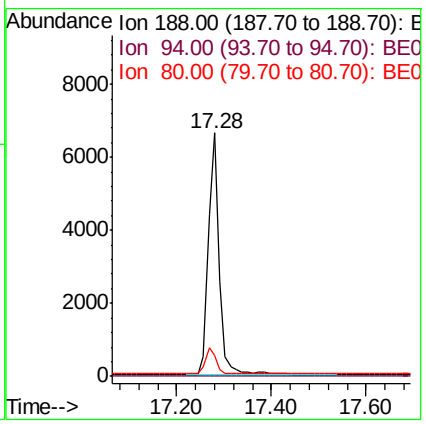


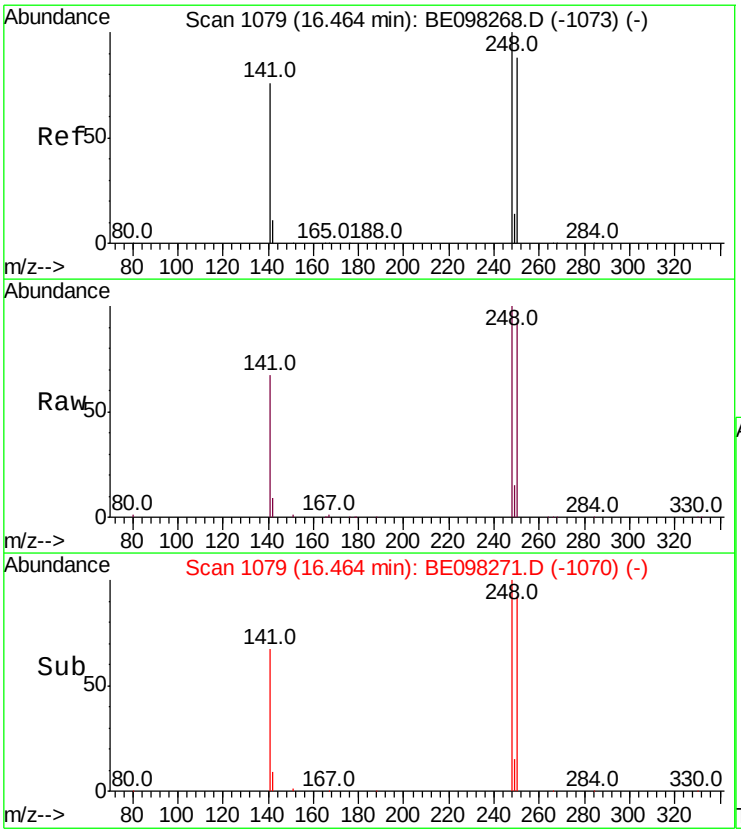
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.28 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BE098271.D
Acq: 29 Nov 2018 13:19

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:188 Resp: 10729

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.7	7.2	10.8

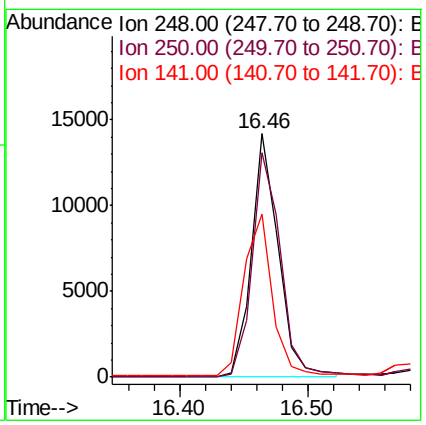


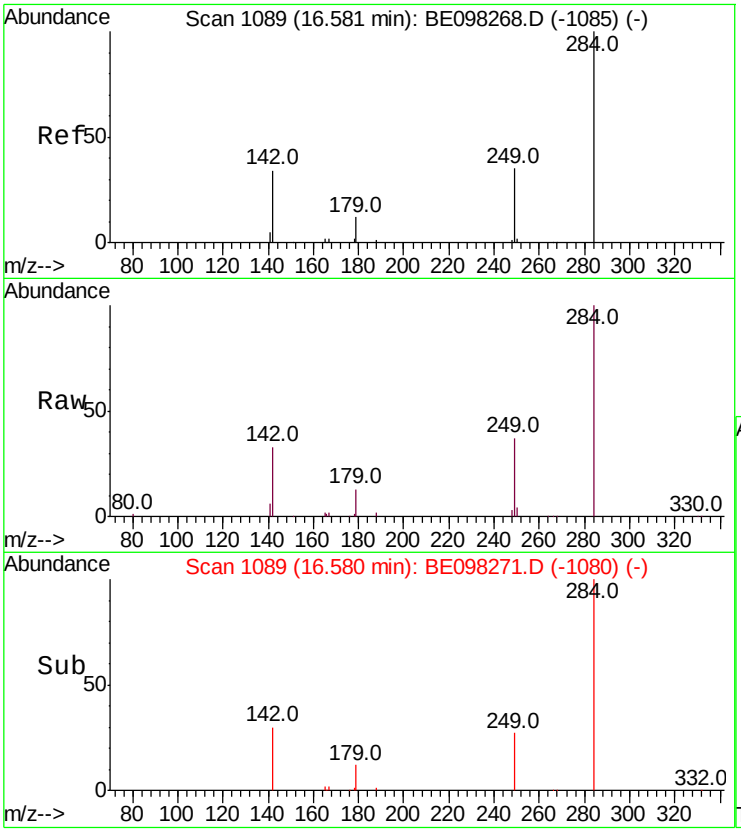


#20
4-Bromophenyl-phenylether
Concen: 3.123 ng
RT: 16.46 min Scan# 1079
Delta R.T. -0.00 min
Lab File: BE098271.D
Acq: 29 Nov 2018 13:19

Tgt Ion:248 Resp: 20749

Ion	Ratio	Lower	Upper
248	100		
250	92.1	71.0	106.6
141	66.8	62.1	93.1



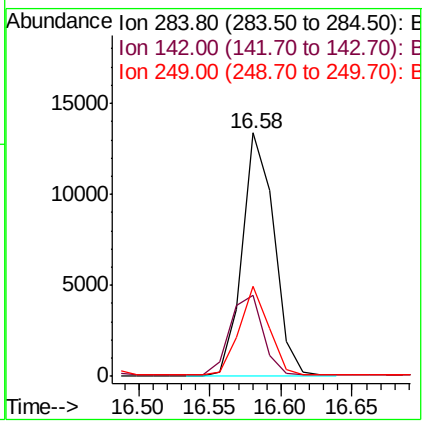


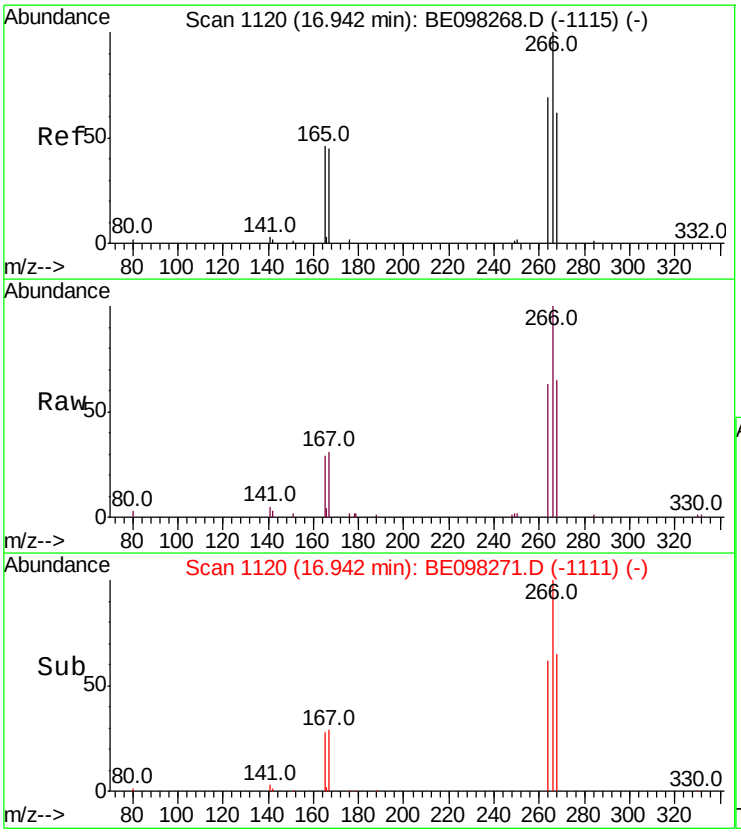
#21
Hexachlorobenzene
Concen: 3.018 ng
RT: 16.58 min Scan# 1089
Delta R.T. -0.00 min
Lab File: BE098271.D
Acq: 29 Nov 2018 13:19

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:284 Resp: 20683

Ion	Ratio	Lower	Upper
284	100		
142	34.3	26.3	39.5
249	34.3	26.0	39.0

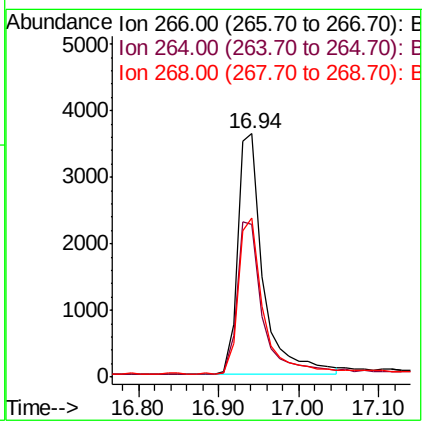


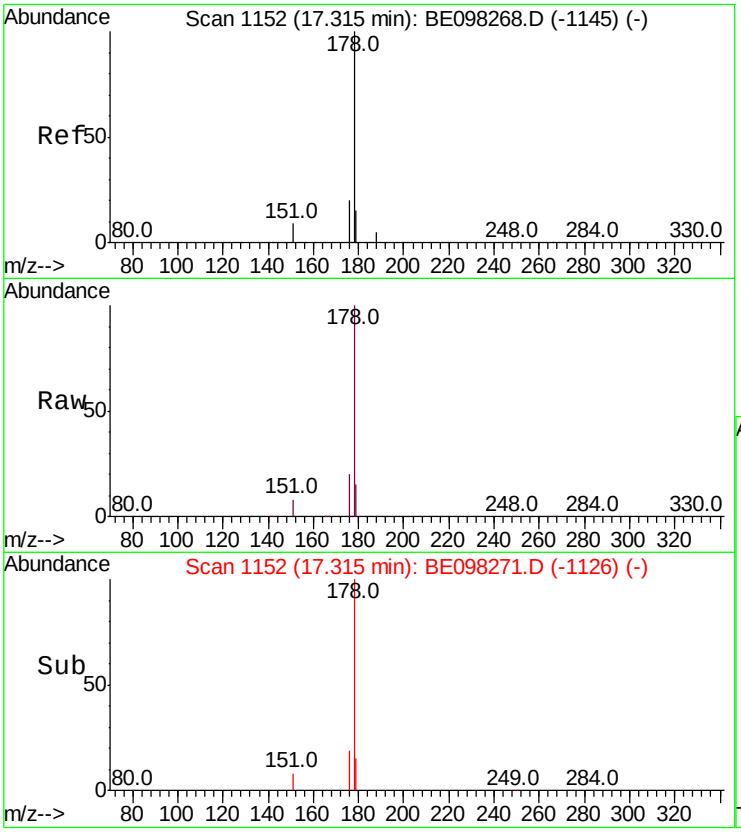


#22
Pentachlorophenol
Concen: 8.387 ng
RT: 16.94 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BE098271.D
Acq: 29 Nov 2018 13:19

Tgt Ion:266 Resp: 7934

Ion	Ratio	Lower	Upper
266	100		
264	62.8	59.0	88.4
268	65.2	55.1	82.7



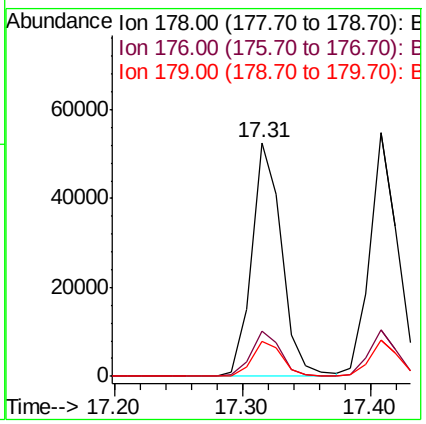


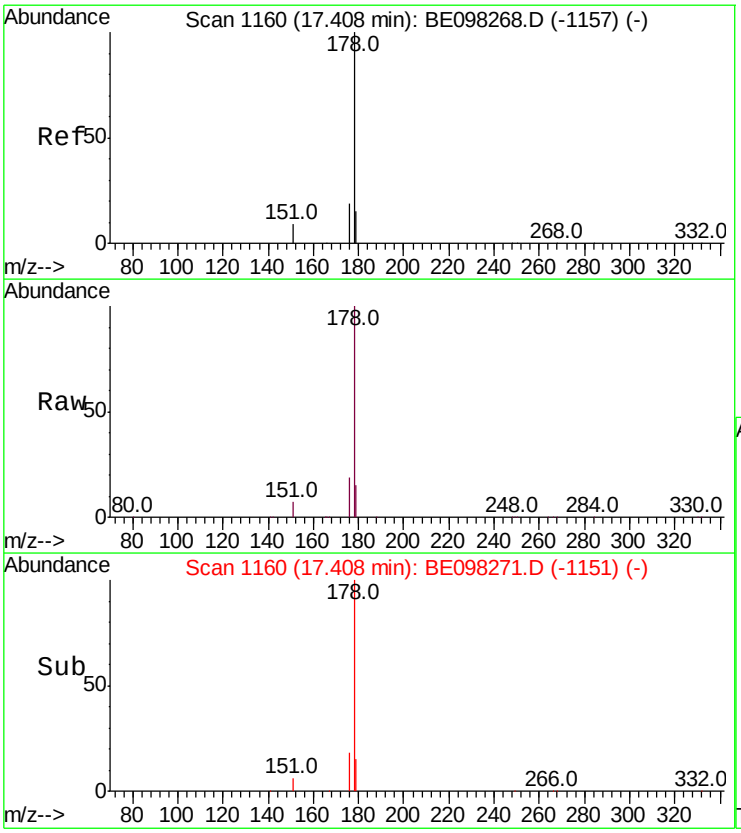
#23
Phenanthrene
Concen: 3.105 ng
RT: 17.31 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BE098271.D
Acq: 29 Nov 2018 13:19

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:178 Resp: 85729

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.9	23.9
179	15.1	12.3	18.5

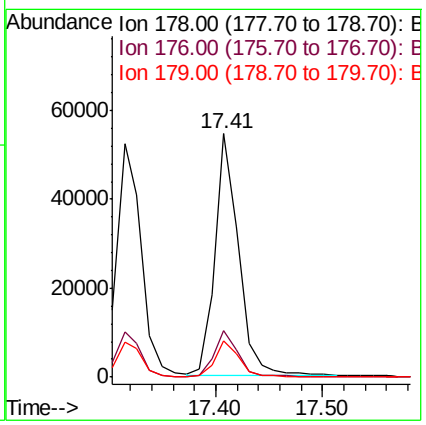


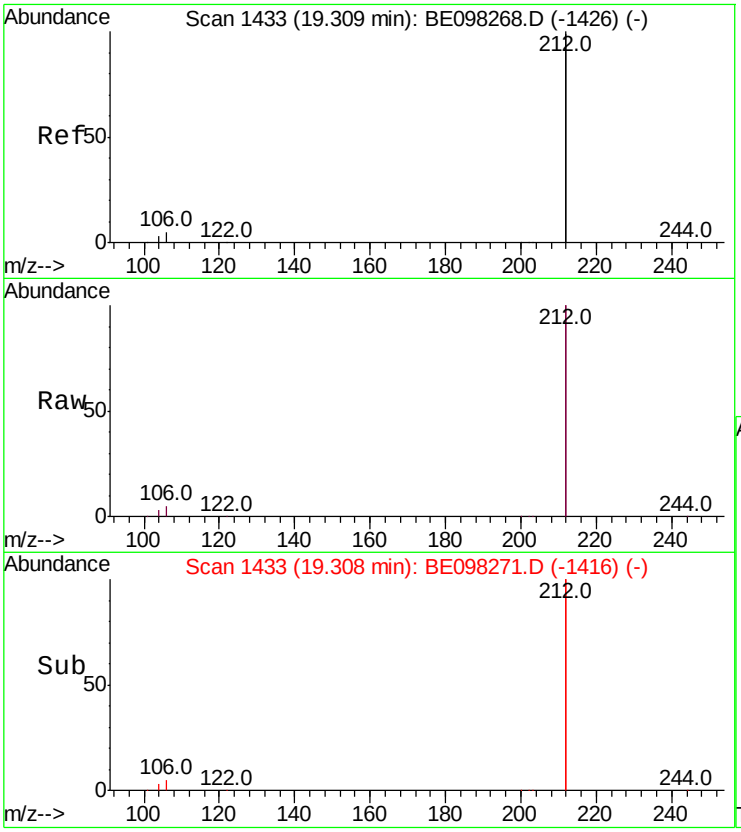


#24
Anthracene
Concen: 3.311 ng
RT: 17.41 min Scan# 1160
Delta R.T. -0.00 min
Lab File: BE098271.D
Acq: 29 Nov 2018 13:19

Tgt Ion:178 Resp: 83016

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.0	22.4
179	15.0	12.3	18.5



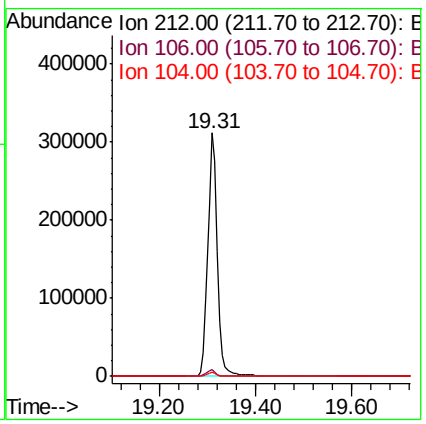


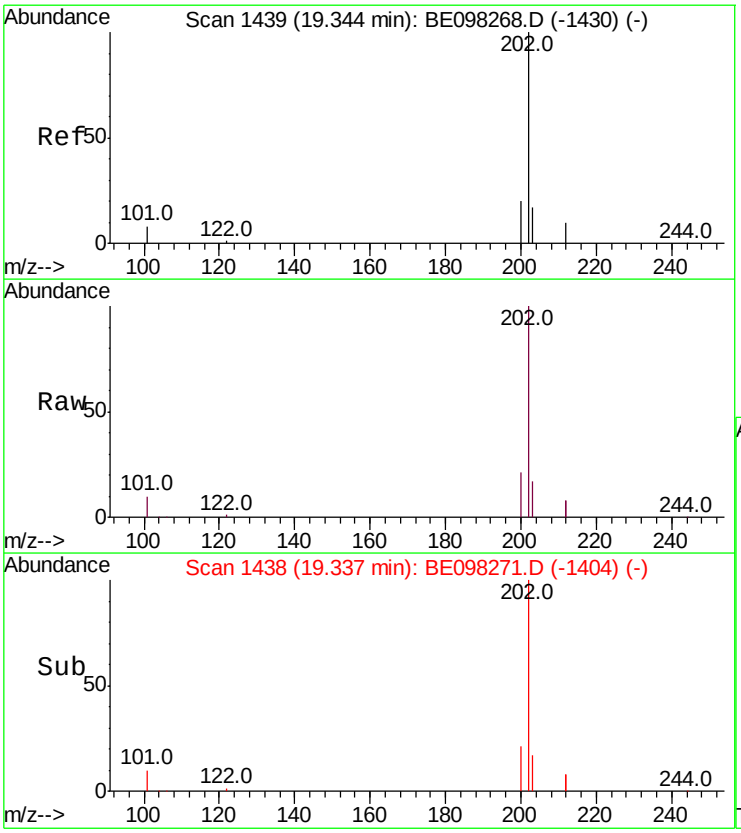
#25
Fluoranthene-d10
Concen: 3.305 ng
RT: 19.31 min Scan# 1433
Delta R.T. -0.00 min
Lab File: BE098271.D
Acq: 29 Nov 2018 13:19

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:212 Resp: 431294

Ion	Ratio	Lower	Upper
212	100		
106	2.7	2.2	3.2
104	1.5	1.3	1.9

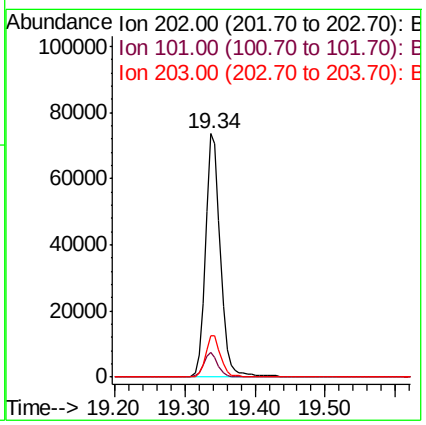


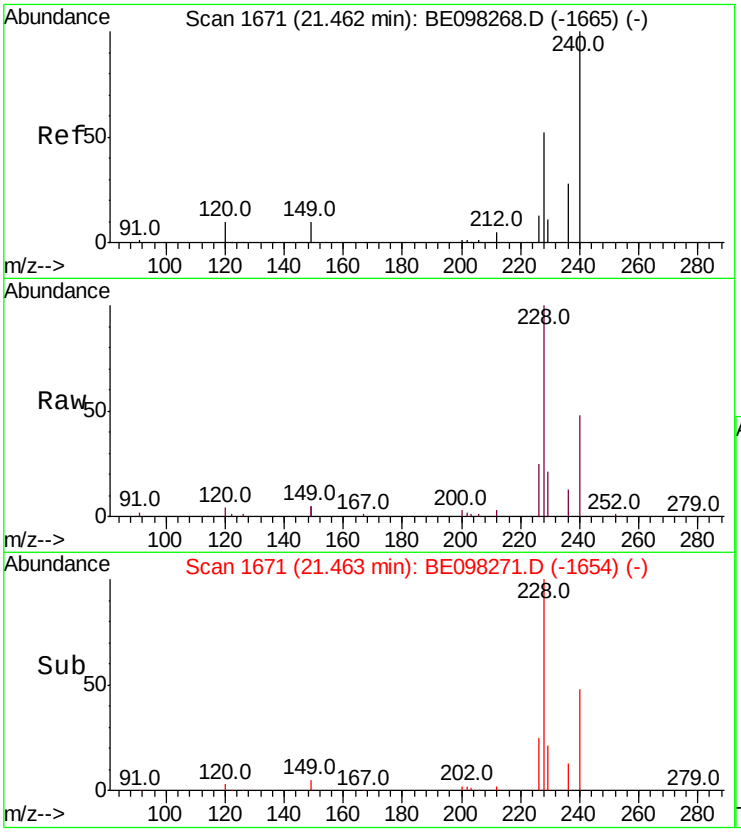


#26
Fluoranthene
Concen: 3.247 ng
RT: 19.34 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BE098271.D
Acq: 29 Nov 2018 13:19

Tgt Ion:202 Resp: 107548

Ion	Ratio	Lower	Upper
202	100		
101	10.1	8.0	12.0
203	17.3	13.8	20.6



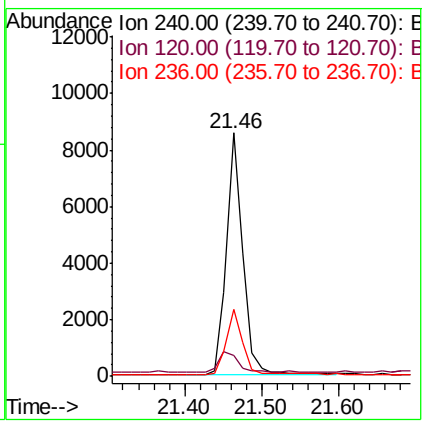


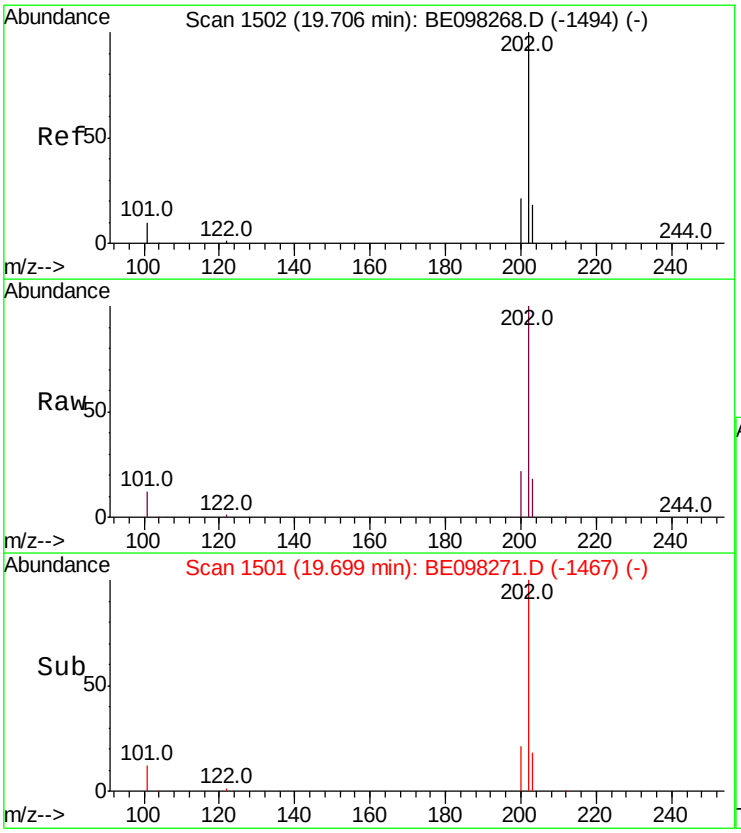
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.46 min Scan# 1671
Delta R.T. 0.00 min
Lab File: BE098271.D
Acq: 29 Nov 2018 13:19

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:240 Resp: 12566

Ion	Ratio	Lower	Upper
240	100		
120	8.5	9.5	14.3#
236	27.6	22.7	34.1

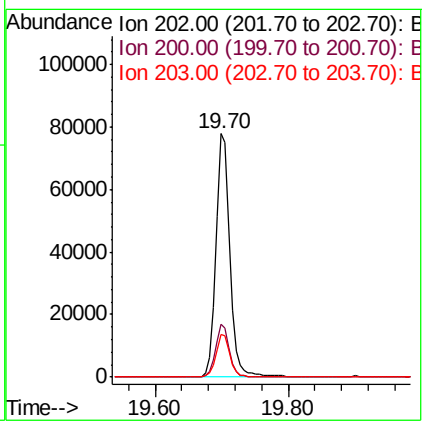


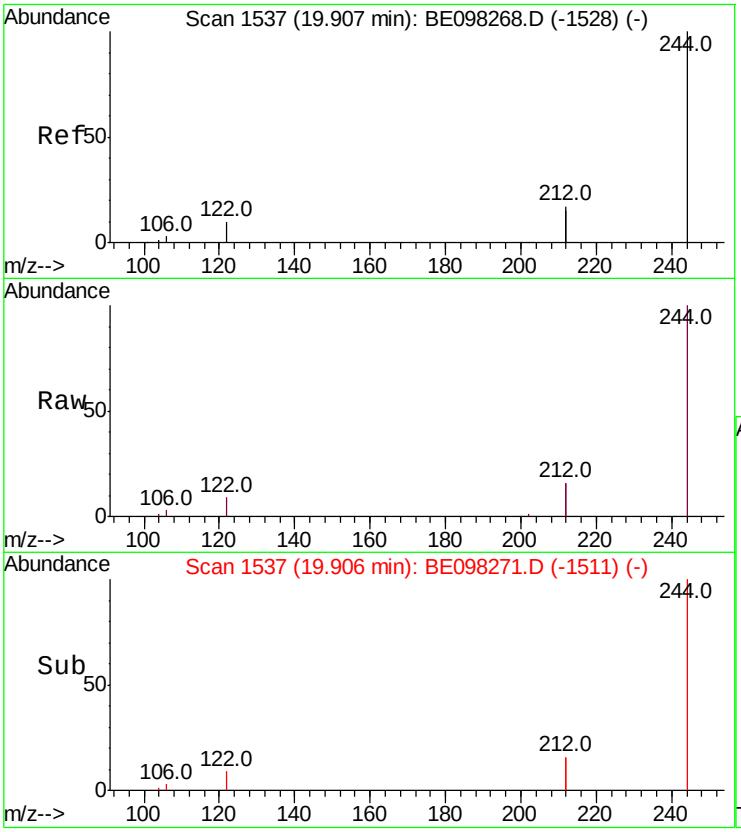


#28
Pyrene
Concen: 3.049 ng
RT: 19.70 min Scan# 1501
Delta R.T. -0.01 min
Lab File: BE098271.D
Acq: 29 Nov 2018 13:19

Tgt Ion:202 Resp: 111992

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.7	25.1
203	17.6	14.1	21.1



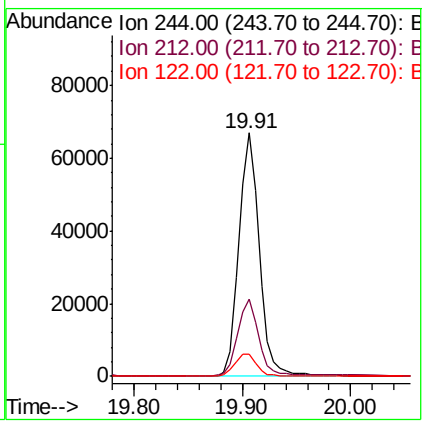


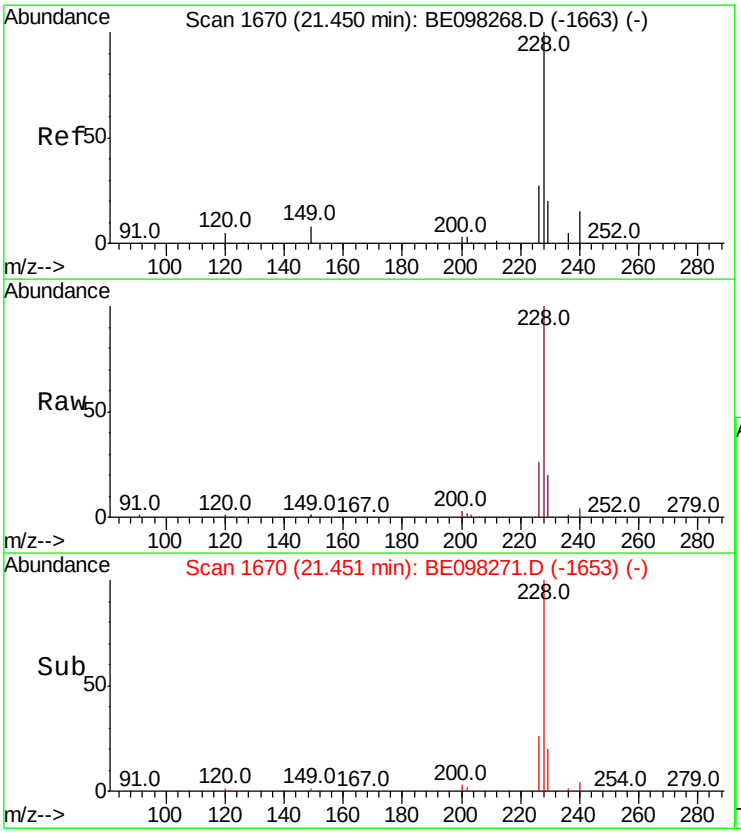
#29
Terphenyl-d14
Concen: 3.007 ng
RT: 19.91 min Scan# 1537
Delta R.T. -0.00 min
Lab File: BE098271.D
Acq: 29 Nov 2018 13:19

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:244 Resp: 86836

Ion	Ratio	Lower	Upper
244	100		
212	31.8	27.4	41.0
122	9.0	8.3	12.5

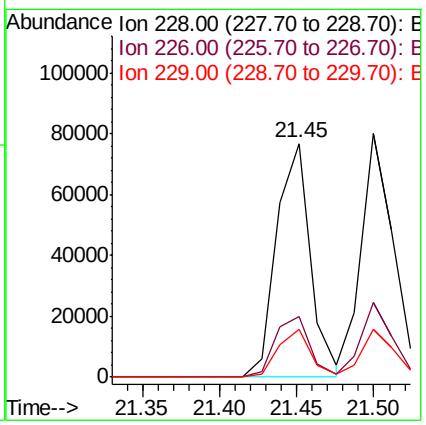


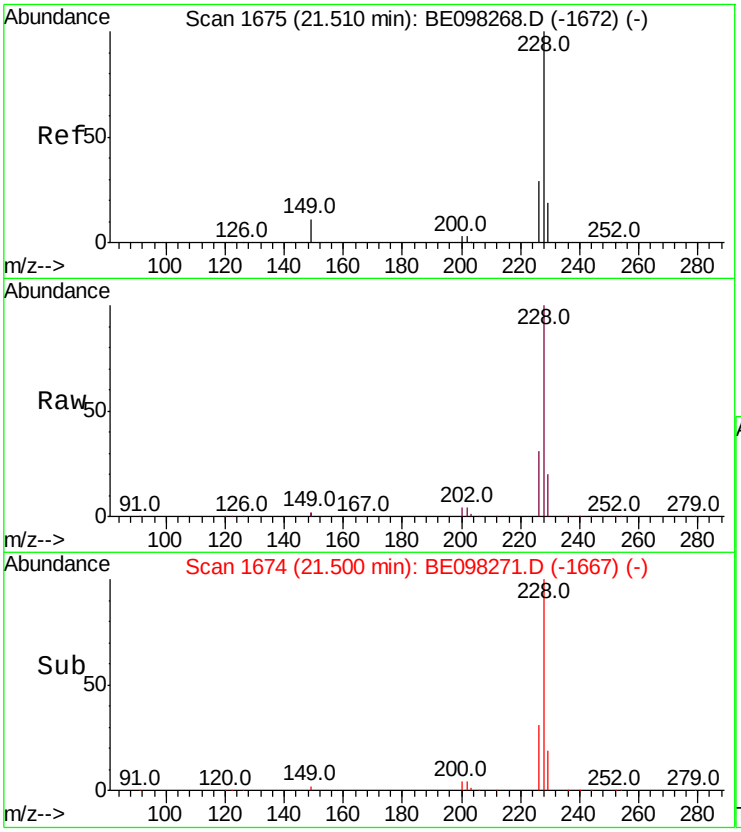


#30
Benzo(a)anthracene
Concen: 3.232 ng
RT: 21.45 min Scan# 1670
Delta R.T. 0.00 min
Lab File: BE098271.D
Acq: 29 Nov 2018 13:19

Tgt Ion:228 Resp: 117500

Ion	Ratio	Lower	Upper
228	100		
226	26.1	21.8	32.8
229	20.3	16.3	24.5



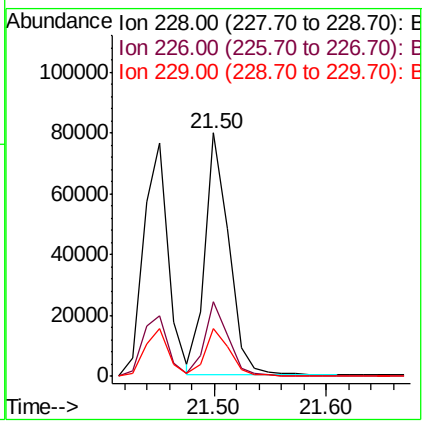


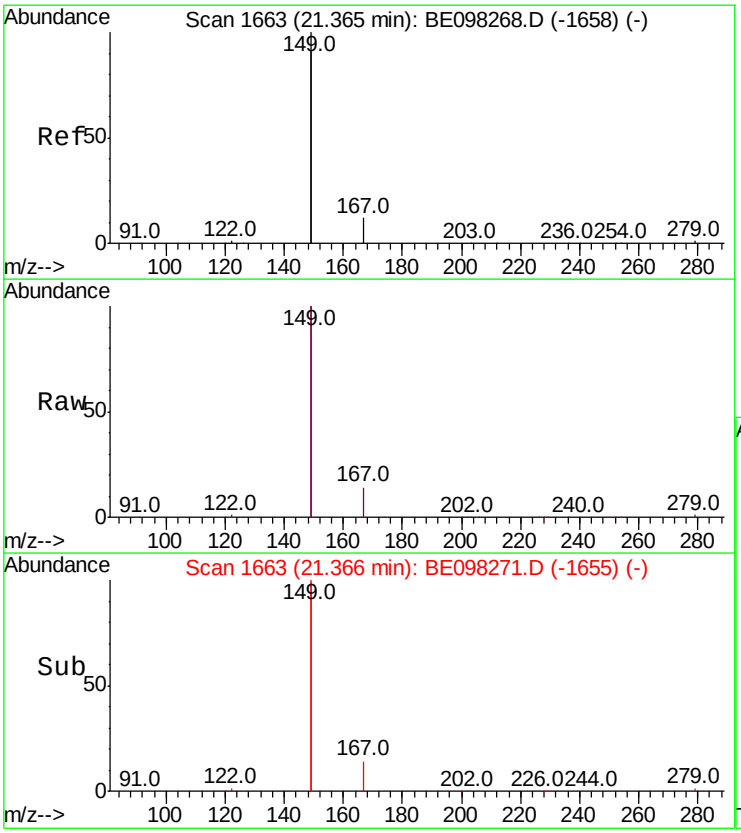
#31
Chrysene
Concen: 3.141 ng
RT: 21.50 min Scan# 1674
Delta R.T. -0.01 min
Lab File: BE098271.D
Acq: 29 Nov 2018 13:19

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:228 Resp: 117494

Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.4	35.0
229	19.5	16.2	24.4

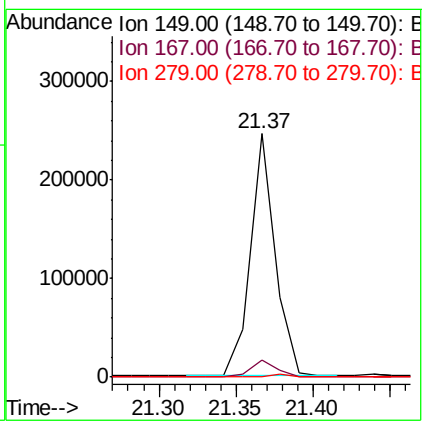


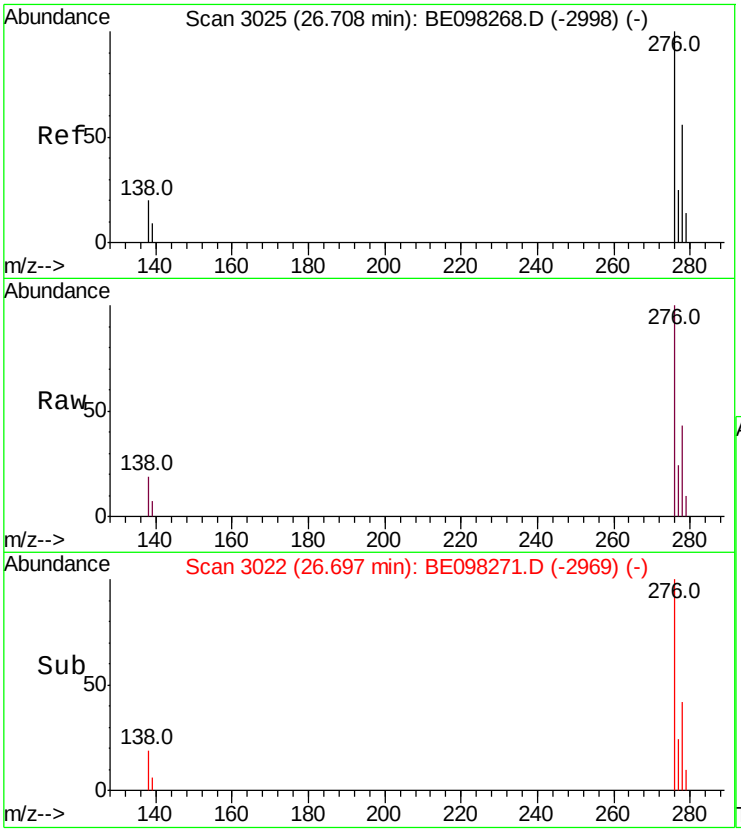


#32
Bis(2-ethylhexyl)phthalate
Concen: 4.834 ng
RT: 21.37 min Scan# 1663
Delta R.T. 0.00 min
Lab File: BE098271.D
Acq: 29 Nov 2018 13:19

Tgt Ion:149 Resp: 273899

Ion	Ratio	Lower	Upper
149	100		
167	7.0	5.7	8.5
279	1.0	1.0	1.4



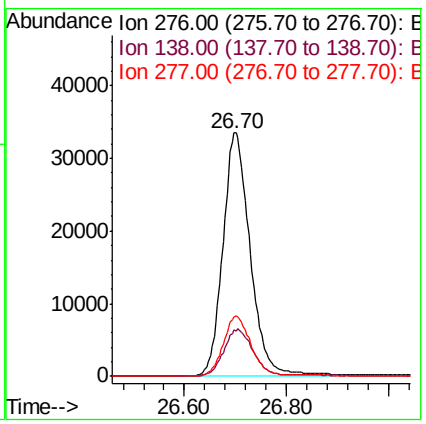


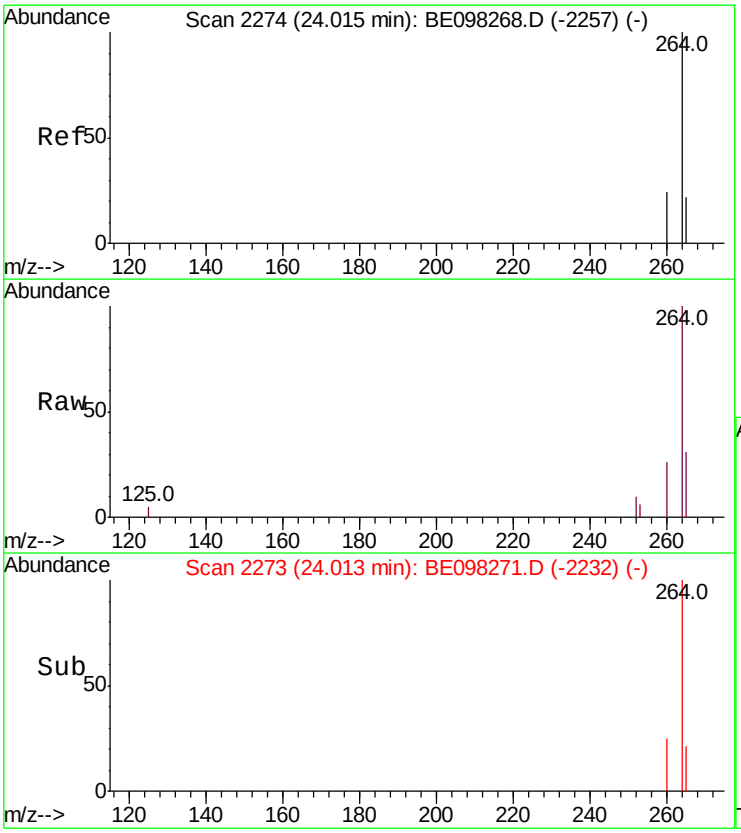
#33
Indeno(1,2,3-cd)pyrene
Concen: 3.880 ng
RT: 26.70 min Scan# 3022
Delta R.T. -0.01 min
Lab File: BE098271.D
Acq: 29 Nov 2018 13:19

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:276 Resp: 124210

Ion	Ratio	Lower	Upper
276	100		
138	20.3	16.3	24.5
277	24.7	20.2	30.4

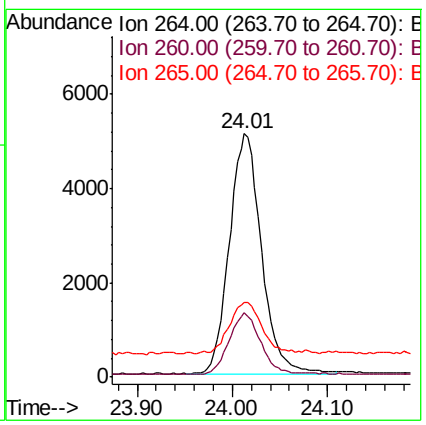


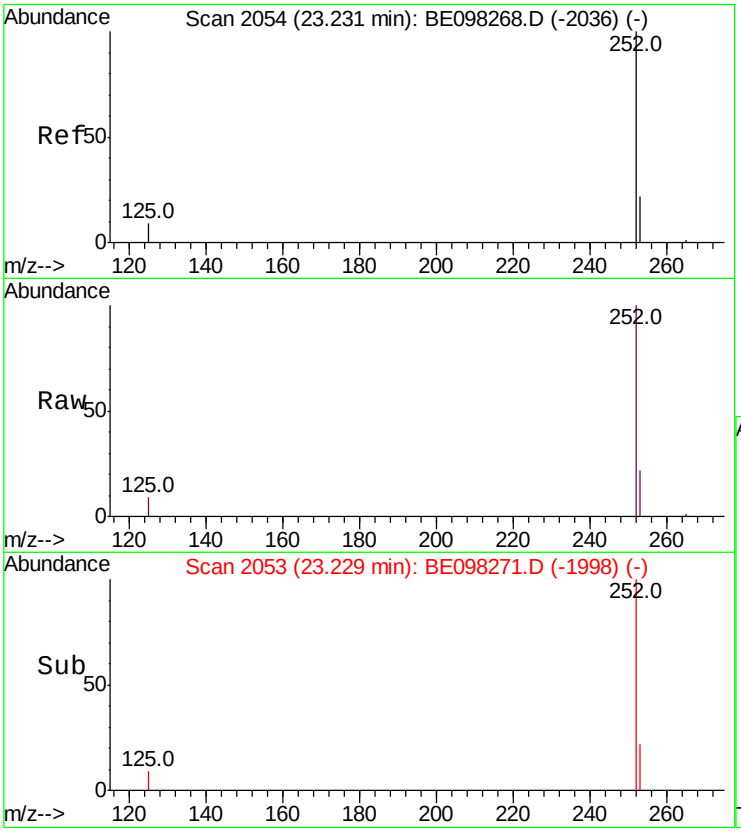


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.01 min Scan# 2273
Delta R.T. -0.00 min
Lab File: BE098271.D
Acq: 29 Nov 2018 13:19

Tgt Ion:264 Resp: 11897

Ion	Ratio	Lower	Upper
264	100		
260	26.3	20.2	30.2
265	30.6	25.2	37.8



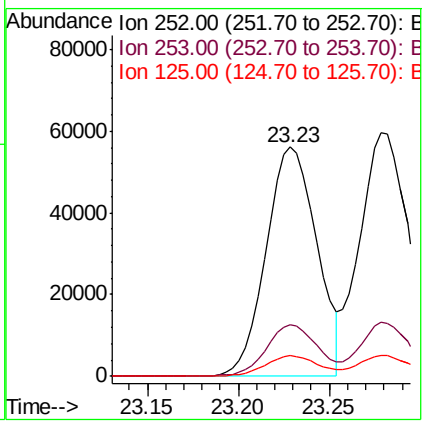


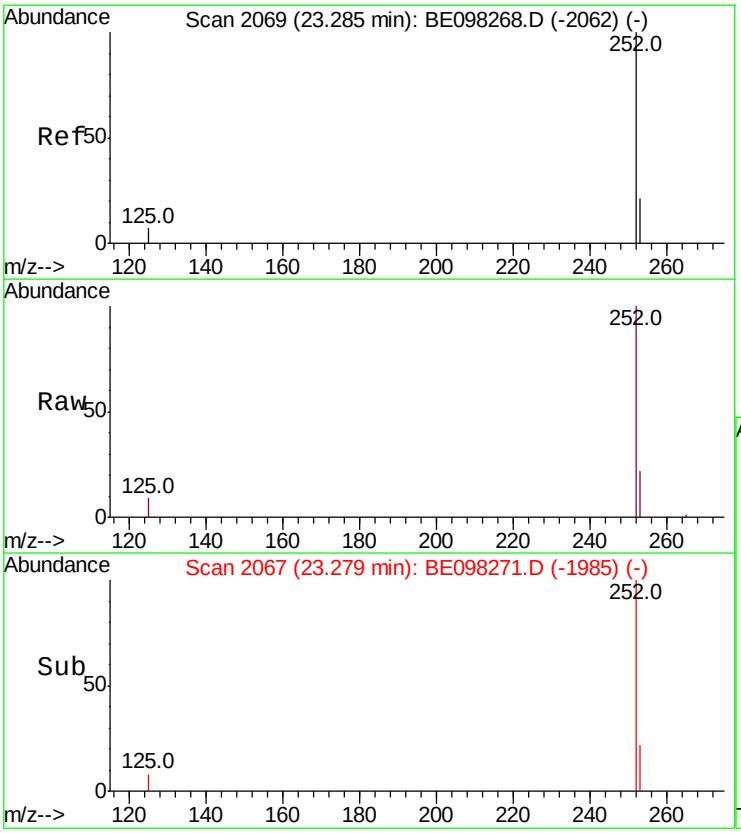
#35
Benzo(b)fluoranthene
Concen: 3.212 ng
RT: 23.23 min Scan# 2053
Delta R.T. -0.00 min
Lab File: BE098271.D
Acq: 29 Nov 2018 13:19

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:252 Resp: 107920

Ion	Ratio	Lower	Upper
252	100		
253	22.4	20.0	30.0
125	9.1	9.6	14.4#

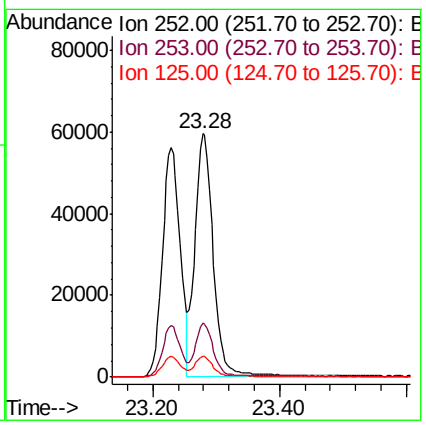


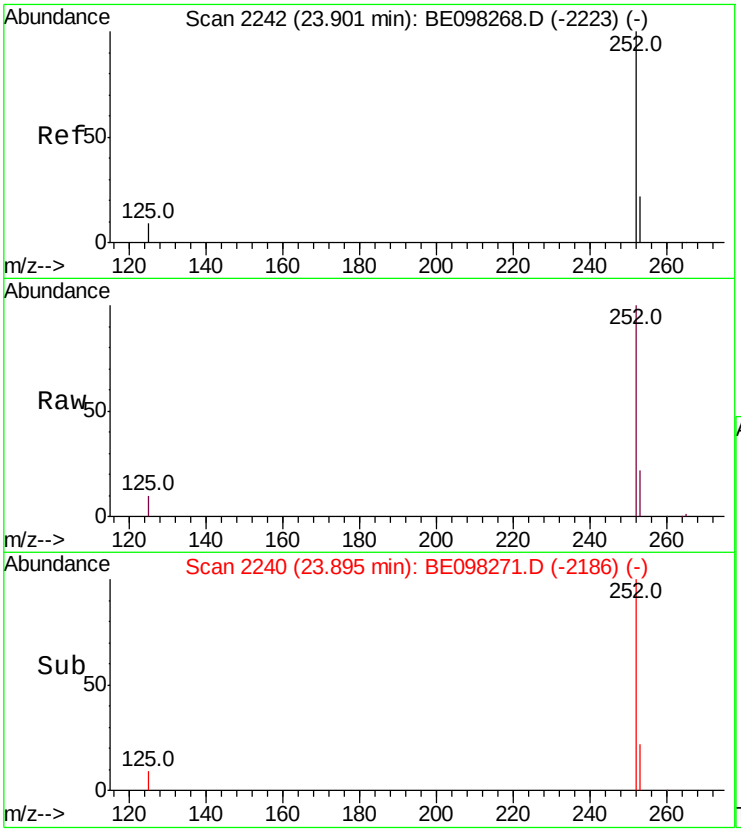


#36
Benzo(k)fluoranthene
Concen: 3.139 ng
RT: 23.28 min Scan# 2067
Delta R.T. -0.01 min
Lab File: BE098271.D
Acq: 29 Nov 2018 13:19

Tgt Ion:252 Resp: 119075

Ion	Ratio	Lower	Upper
252	100		
253	22.0	19.0	28.6
125	8.8	9.1	13.7#



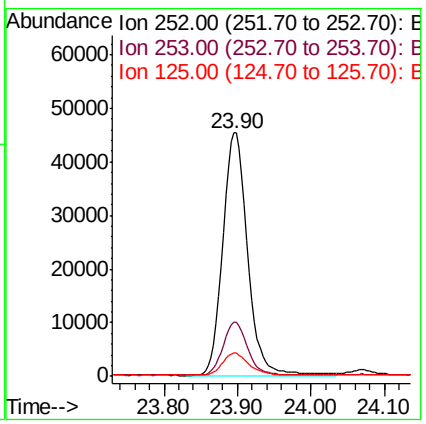


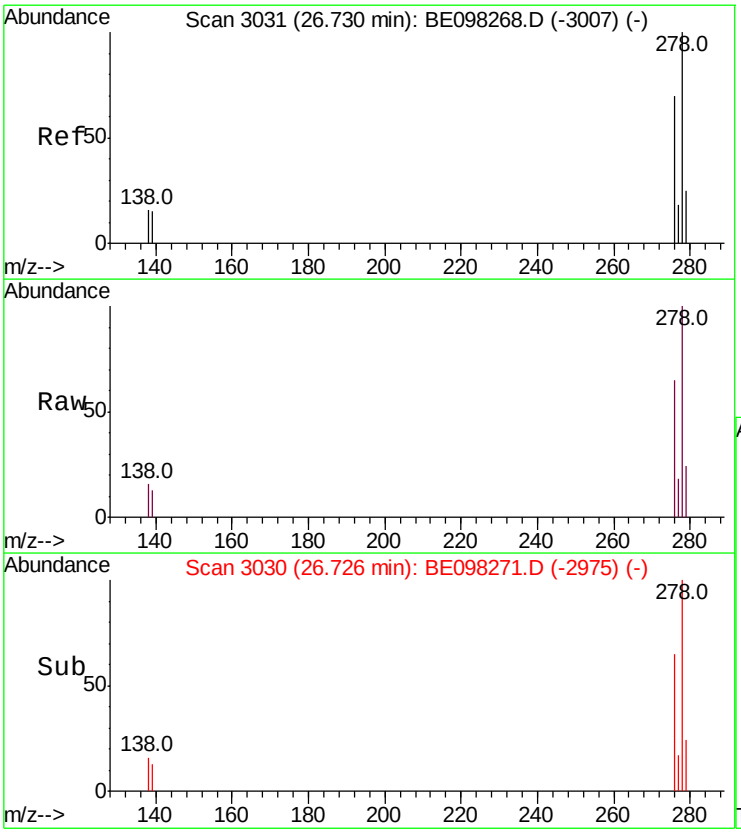
#37
Benzo(a)pyrene
Concen: 3.273 ng
RT: 23.90 min Scan# 2240
Delta R.T. -0.01 min
Lab File: BE098271.D
Acq: 29 Nov 2018 13:19

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:252 Resp: 107963

Ion	Ratio	Lower	Upper
252	100		
253	22.3	20.6	30.8
125	9.7	10.5	15.7#

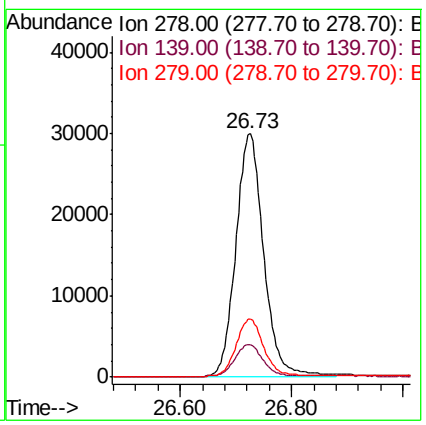


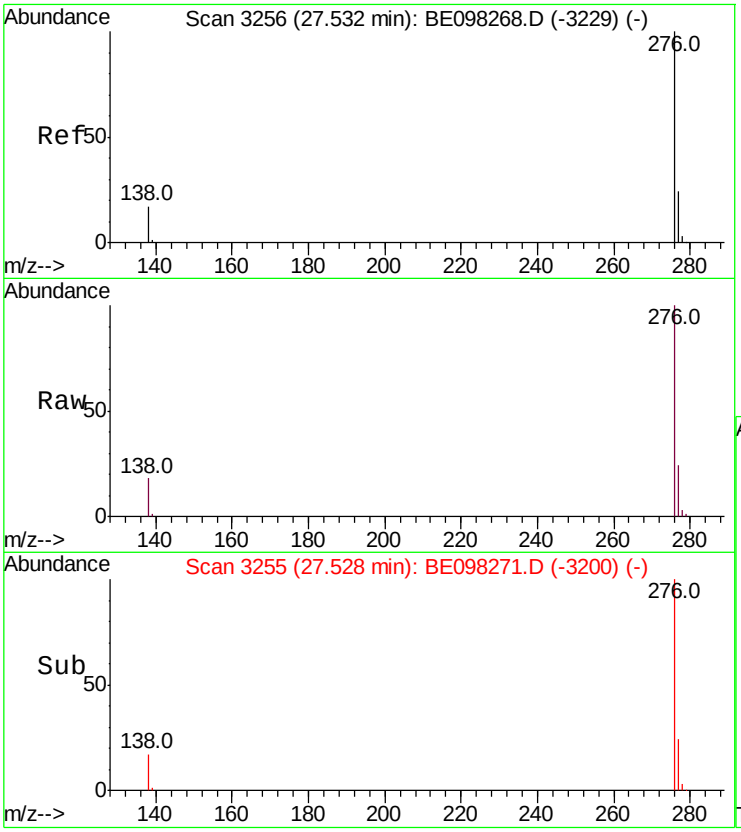


#38
Dibenzo(a,h)anthracene
Concen: 3.917 ng
RT: 26.73 min Scan# 3030
Delta R.T. -0.00 min
Lab File: BE098271.D
Acq: 29 Nov 2018 13:19

Tgt Ion:278 Resp: 103565

Ion	Ratio	Lower	Upper
278	100		
139	13.2	14.5	21.7#
279	24.0	21.8	32.8





#39
Benzo(g,h,i)perylene
Concen: 3.624 ng
RT: 27.53 min Scan# 3255
Delta R.T. -0.00 min
Lab File: BE098271.D
Acq: 29 Nov 2018 13:19

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:276 Resp: 103216

Ion	Ratio	Lower	Upper
276	100		
277	24.0	20.8	31.2
138	17.7	15.8	23.6