Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE111318\
Data File : BE098212.D
Acq On : 13 Nov 2018 16:58
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Nov 13 17:29:38 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE111218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 12 13:32:15 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1346	0.40	ng		0.00
7) Naphthalene-d8	10.67	136	6589	0.40	ng		0.00
13) Acenaphthene-d10	14.53	164	4551	0.40	ng		0.00
19) Phenanthrene-d10	17.28	188	10815	0.40	ng		0.00
27) Chrysene-d12	21.46	240	12948	0.40	ng		0.00
34) Perylene-d12	24.01	264	11929	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.45	112	1544	0.41	ng		0.00
5) Phenol-d6	7.04	99	2586	0.42	ng		0.00
8) Nitrobenzene-d5	9.02	82	2602	0.40	ng		0.00
11) 2-Methylnaphthalene-d10	12.27	152	4559	0.39	ng		0.00
14) 2,4,6-Tribromophenol	16.02	330	737	0.37	ng		0.00
15) 2-Fluorobiphenyl	13.15	172	6830	0.36	ng		0.00
25) Fluoranthene-d10	19.31	212	51336	0.38	ng		0.00
29) Terphenyl-d14	19.91	244	10643	0.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.38	88	795	0.393	ng		91
3) n-Nitrosodimethylamine	3.69	42	973	0.368	ng	#	90
6) bis(2-Chloroethyl)ether	7.29	93	1926	0.391	ng		97
9) Naphthalene	10.72	128	25907	0.387	ng		100
10) Hexachlorobutadiene	11.00	225	1581	0.380	ng		99
12) 2-Methylnaphthalene	12.34	142	4698	0.404	ng		94
16) Acenaphthylene	14.26	152	8139	0.390	ng		100
17) Acenaphthene	14.60	154	4894	0.384	ng		99
18) Fluorene	15.58	166	6440	0.395	ng		98
20) 4-Bromophenyl-phenylether	16.46	248	2439	0.370	ng		96
21) Hexachlorobenzene	16.59	284	2592	0.378	ng		99
22) Pentachlorophenol	16.94	266	633	0.494	ng		97
23) Phenanthrene	17.33	178	10429	0.387	ng		100
24) Anthracene	17.41	178	9520	0.379	ng		99
26) Fluoranthene	19.34	202	12820	0.384	ng		99
28) Pyrene	19.70	202	13317	0.374	ng		99
30) Benzo(a)anthracene	21.45	228	13789	0.375	ng		98
31) Chrysene	21.50	228	13786	0.369	ng		100
32) Bis(2-ethylhexyl)phthalate	21.37	149	31039	0.406	ng		99
33) Indeno(1,2,3-cd)pyrene	26.70	276	13147	0.384	ng	#	91
35) Benzo(b)fluoranthene	23.23	252	12783	0.378	ng		99
36) Benzo(k)fluoranthene	23.28	252	13831	0.387	ng		99
37) Benzo(a)pyrene	23.90	252	12363	0.381	ng		98
38) Dibenzo(a,h)anthracene	26.73	278	11248	0.407	ng		98
39) Benzo(g,h,i)perylene	27.53	276	10966	0.380	ng		99

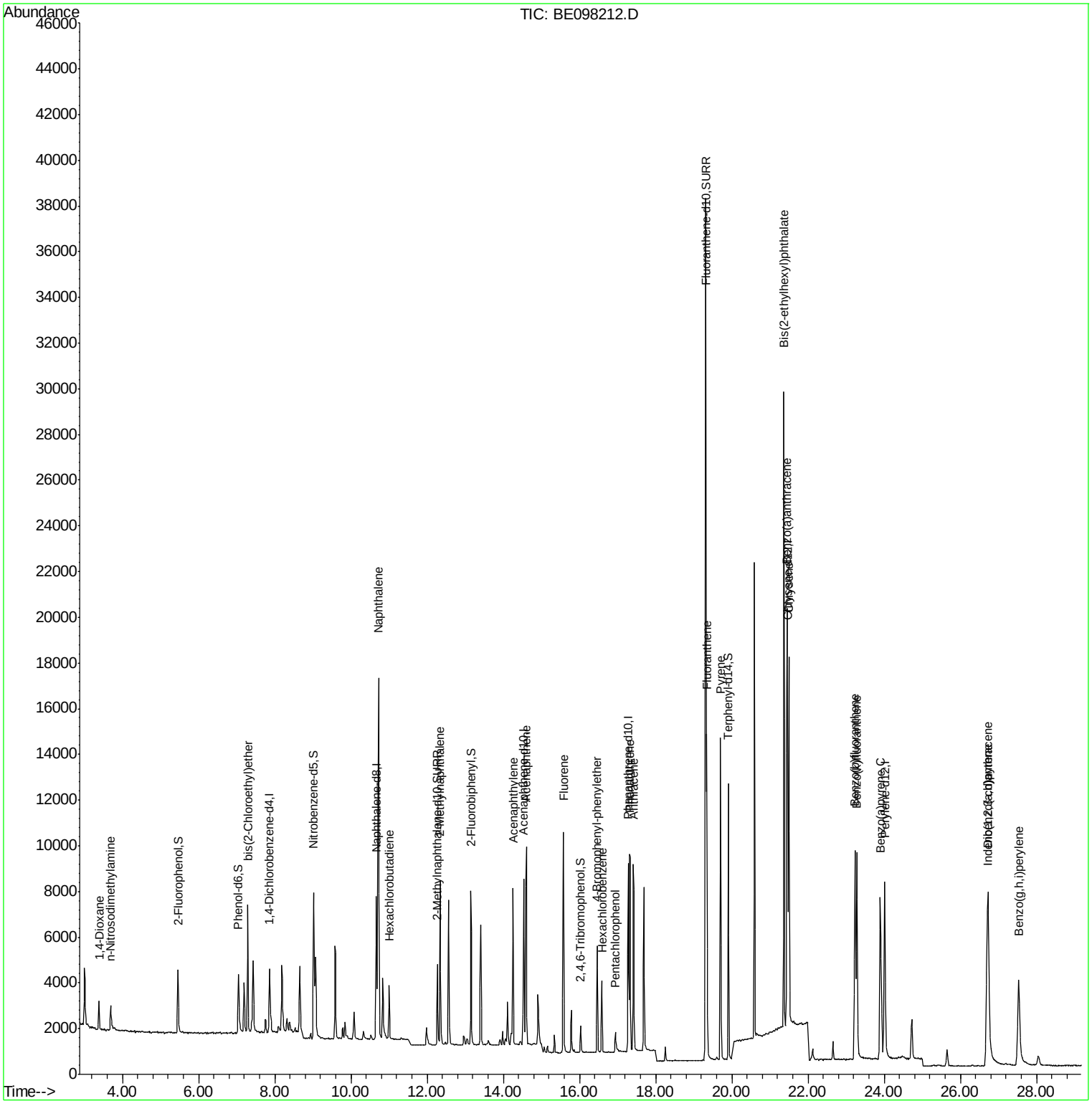
(#) = qualifier out of range (m) = manual integration (+) = signals summed

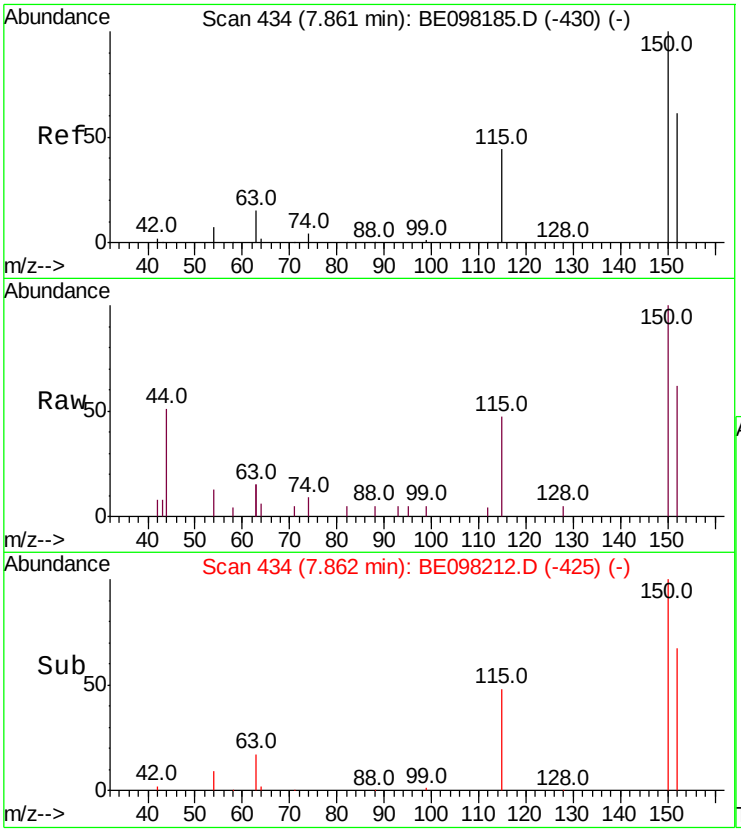
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE111318\
Data File : BE098212.D
Acq On : 13 Nov 2018 16:58
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Nov 13 17:29:38 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE111218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 12 13:32:15 2018
Response via : Initial Calibration



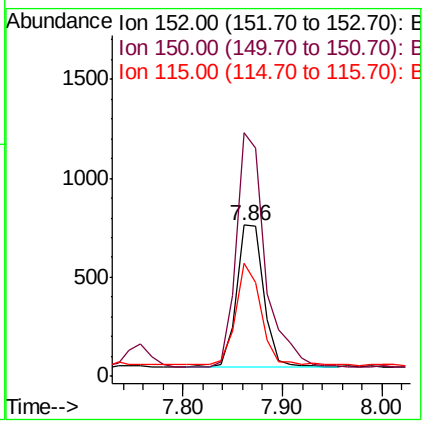


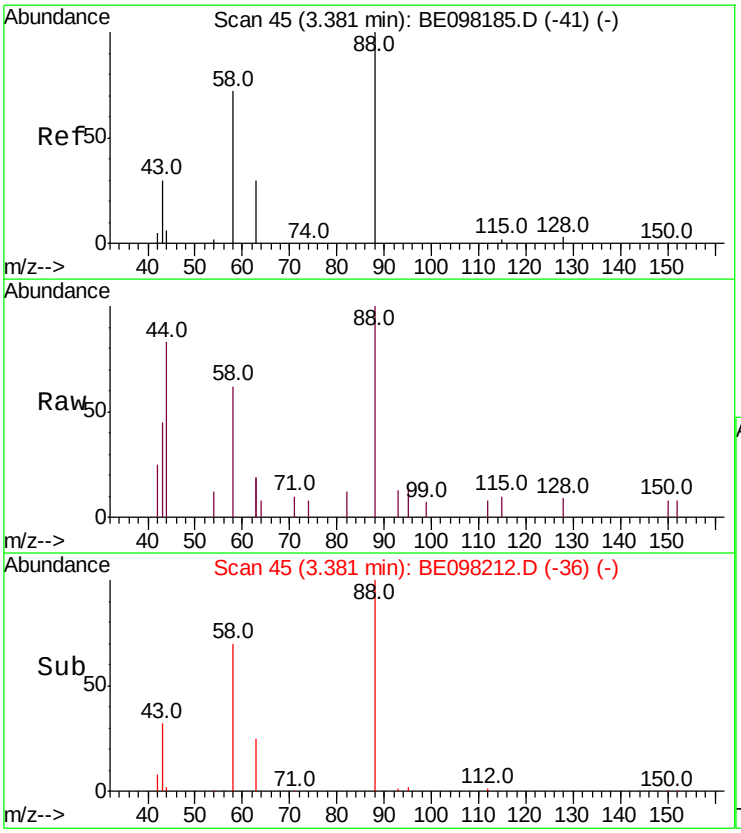
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. 0.00 min
Lab File: BE098212.D
Acq: 13 Nov 2018 16:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1346

Ion	Ratio	Lower	Upper
152	100		
150	160.9	127.5	191.3
115	74.9	60.3	90.5

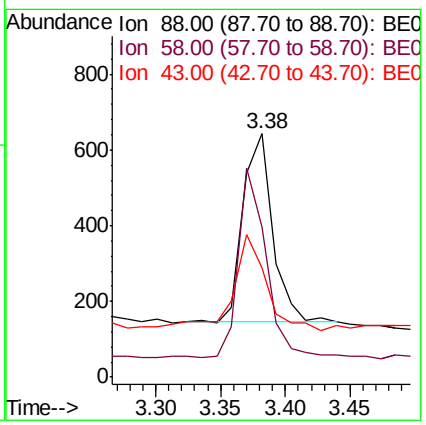


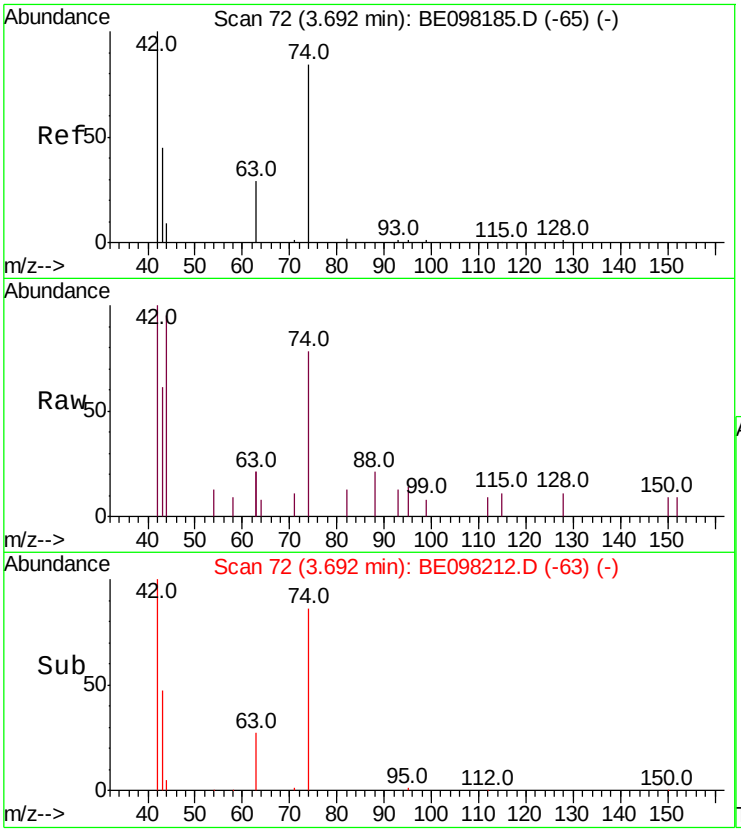


#2
1,4-Dioxane
Concen: 0.393 ng
RT: 3.38 min Scan# 45
Delta R.T. 0.00 min
Lab File: BE098212.D
Acq: 13 Nov 2018 16:58

Tgt Ion: 88 Resp: 795

Ion	Ratio	Lower	Upper
88	100		
58	92.2	79.0	118.4
43	56.9	38.1	57.1



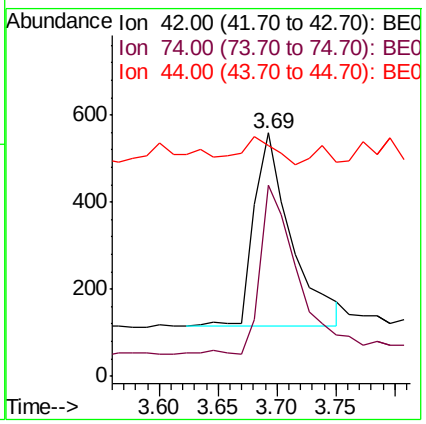


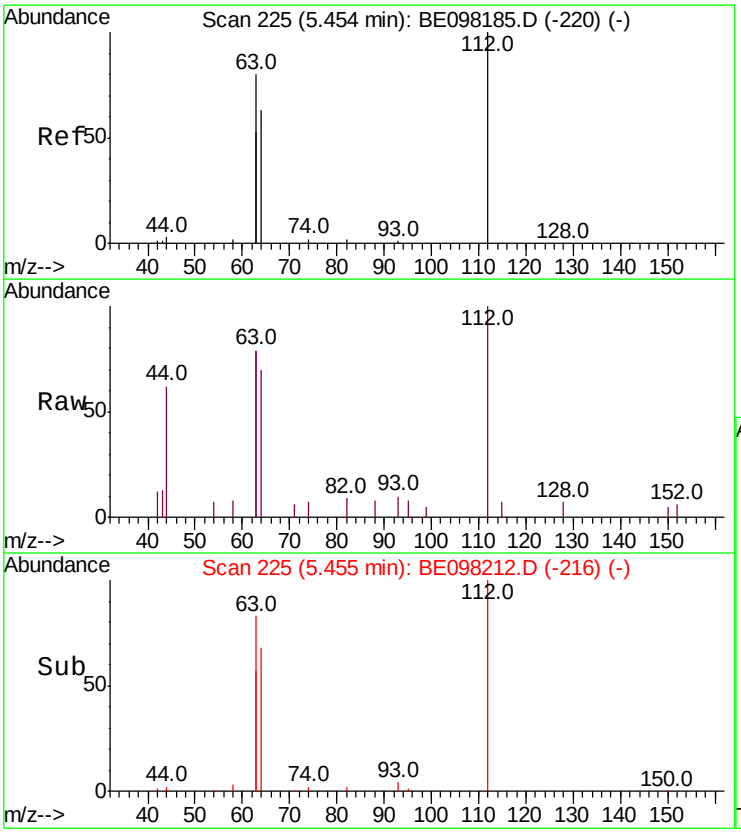
#3
n-Nitrosodimethylamine
Concen: 0.368 ng
RT: 3.69 min Scan# 72
Delta R.T. 0.00 min
Lab File: BE098212.D
Acq: 13 Nov 2018 16:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 973

Ion	Ratio	Lower	Upper
42	100		
74	85.2	61.7	92.5
44	12.5	14.0	21.0#

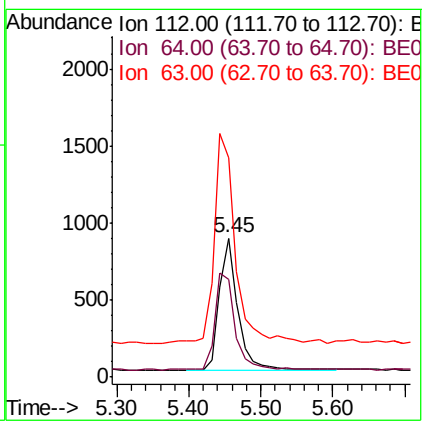


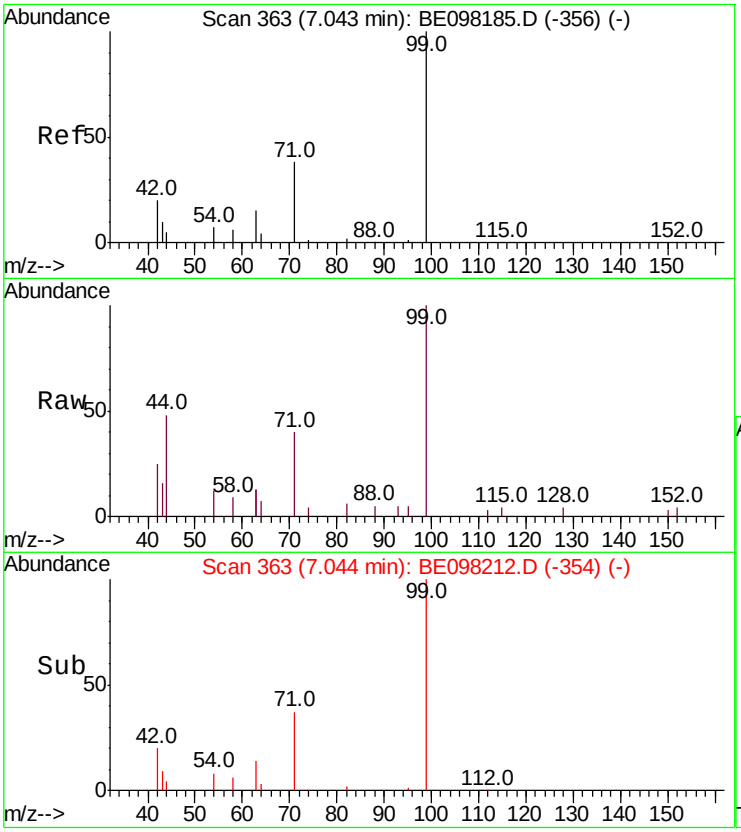


#4
2-Fluorophenol
Concen: 0.406 ng
RT: 5.45 min Scan# 225
Delta R.T. 0.00 min
Lab File: BE098212.D
Acq: 13 Nov 2018 16:58

Tgt Ion:112 Resp: 1544

Ion	Ratio	Lower	Upper
112	100		
64	78.3	61.7	92.5
63	172.2	136.2	204.2



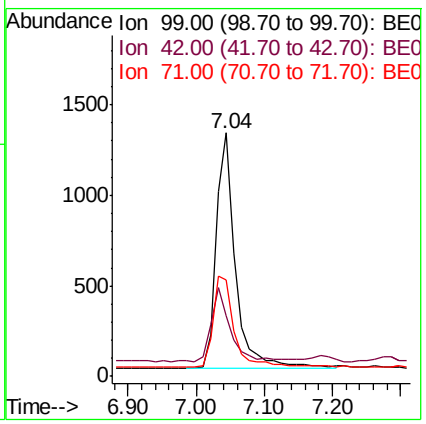


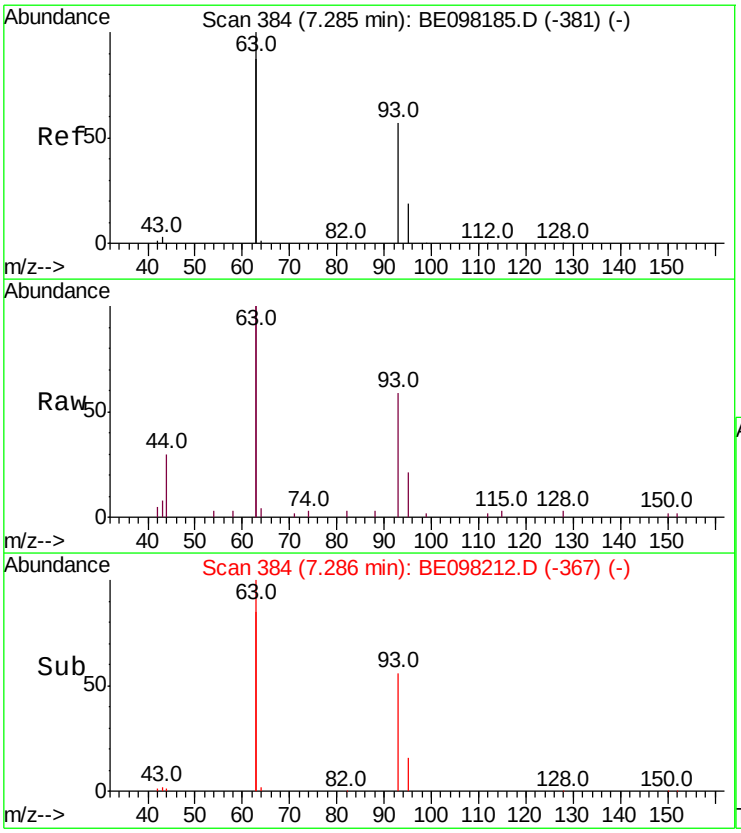
#5
Phenol-d6
Concen: 0.424 ng
RT: 7.04 min Scan# 363
Delta R.T. 0.00 min
Lab File: BE098212.D
Acq: 13 Nov 2018 16:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 2586

Ion	Ratio	Lower	Upper
99	100		
42	31.4	27.1	40.7
71	42.2	37.0	55.6

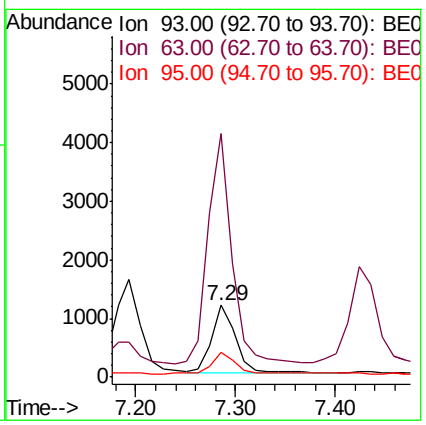


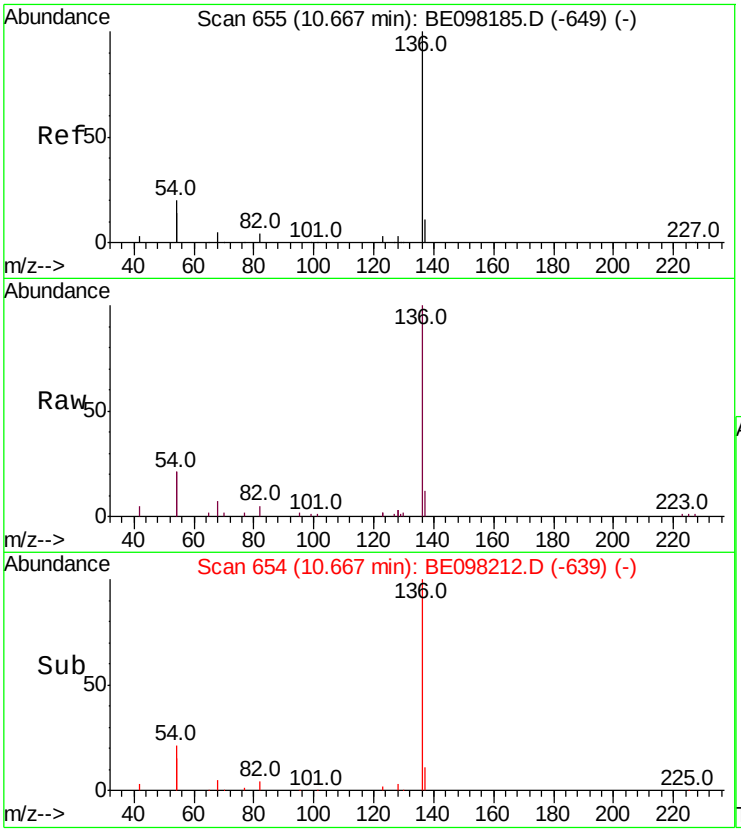


#6
bis(2-Chloroethyl)ether
Concen: 0.391 ng
RT: 7.29 min Scan# 384
Delta R.T. 0.00 min
Lab File: BE098212.D
Acq: 13 Nov 2018 16:58

Tgt Ion: 93 Resp: 1926

Ion	Ratio	Lower	Upper
93	100		
63	335.7	272.6	409.0
95	31.4	27.1	40.7



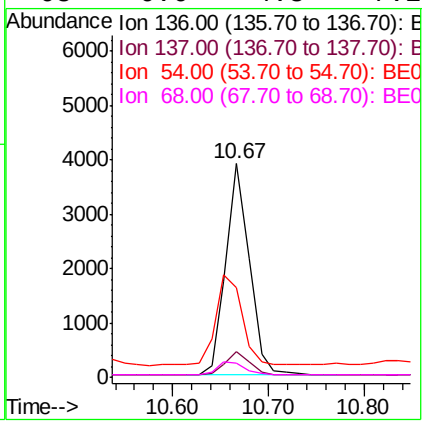


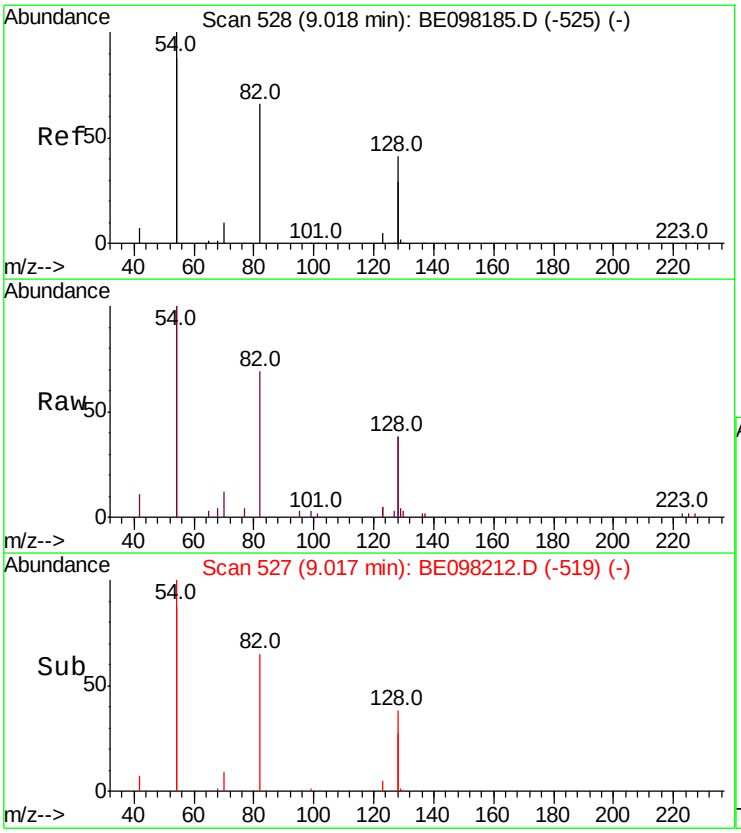
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.67 min Scan# 654
Delta R.T. -0.00 min
Lab File: BE098212.D
Acq: 13 Nov 2018 16:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 6589

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.5	14.3
54	42.0	31.3	46.9
68	6.6	4.8	7.2

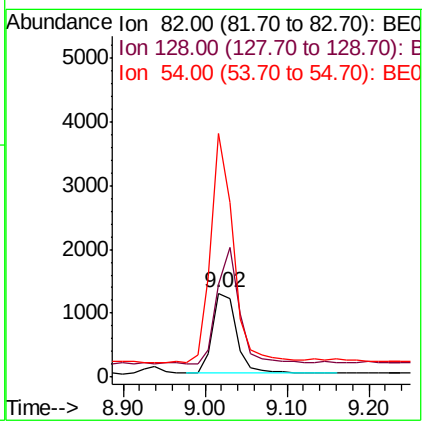


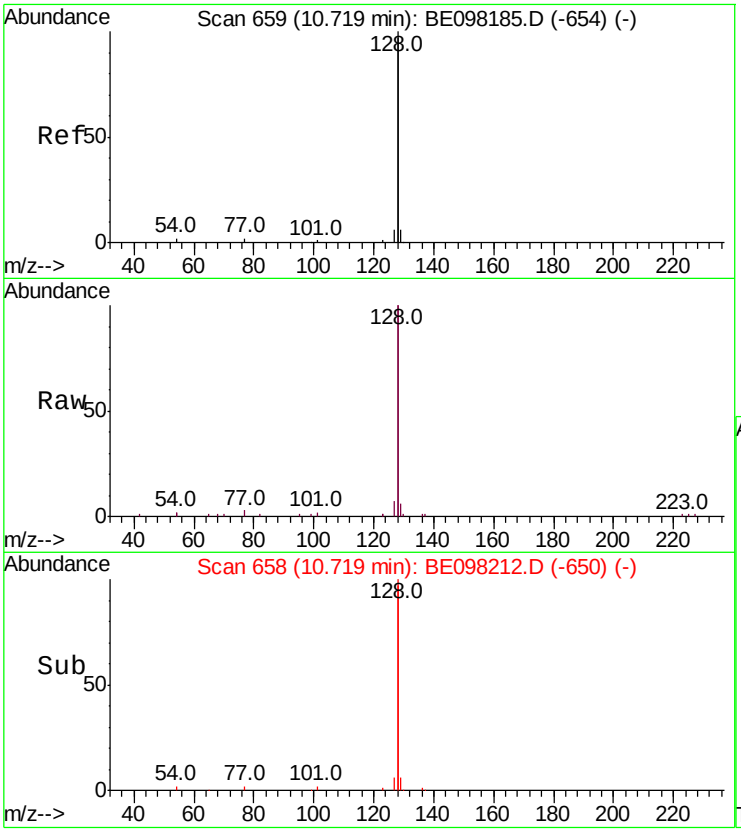


#8
Nitrobenzene-d5
Concen: 0.396 ng
RT: 9.02 min Scan# 527
Delta R.T. -0.00 min
Lab File: BE098212.D
Acq: 13 Nov 2018 16:58

Tgt Ion: 82 Resp: 2602

Ion	Ratio	Lower	Upper
82	100		
128	110.7	96.1	144.1
54	291.0	232.0	348.0



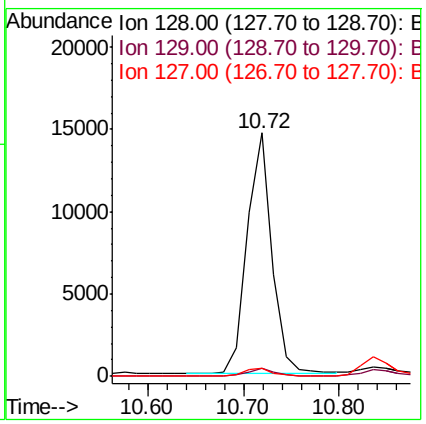


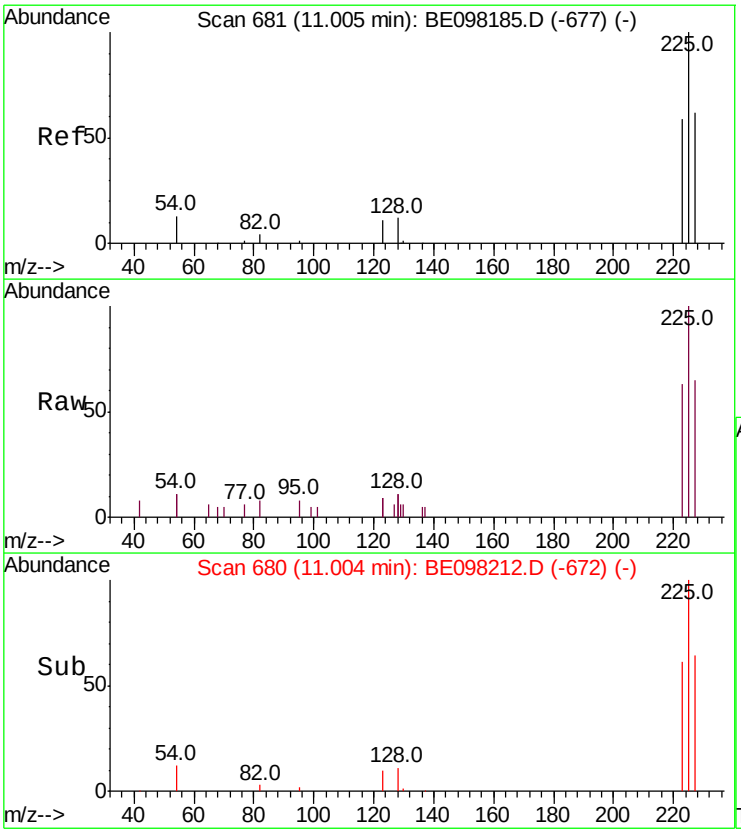
#9
Naphthalene
Concen: 0.387 ng
RT: 10.72 min Scan# 658
Delta R.T. -0.00 min
Lab File: BE098212.D
Acq: 13 Nov 2018 16:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 25907

Ion	Ratio	Lower	Upper
128	100		
129	3.1	2.6	4.0
127	3.5	2.8	4.2

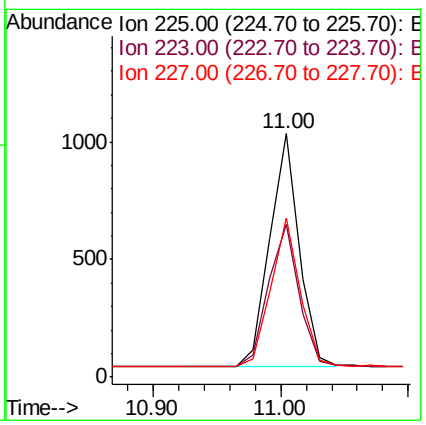


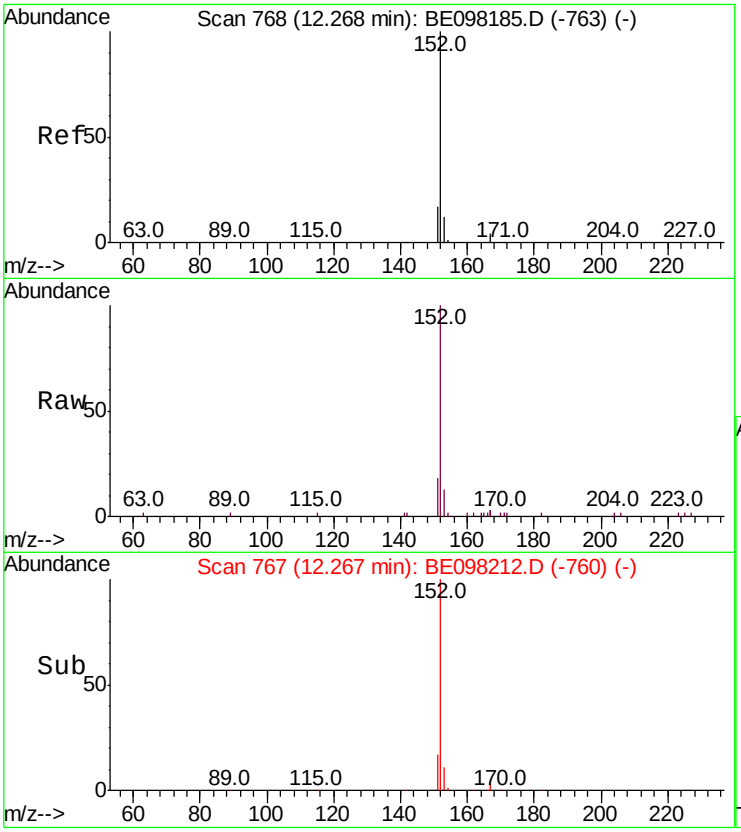


#10
Hexachlorobutadiene
Concen: 0.380 ng
RT: 11.00 min Scan# 680
Delta R.T. -0.00 min
Lab File: BE098212.D
Acq: 13 Nov 2018 16:58

Tgt Ion:225 Resp: 1581

Ion	Ratio	Lower	Upper
225	100		
223	63.9	50.5	75.7
227	63.2	50.3	75.5



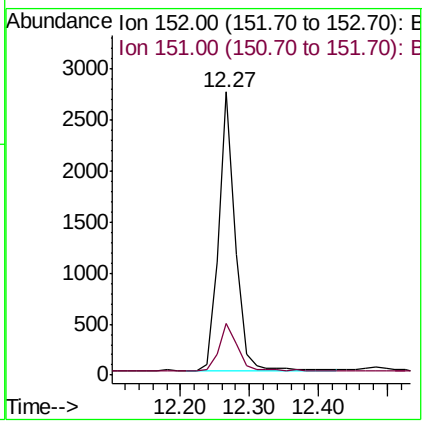


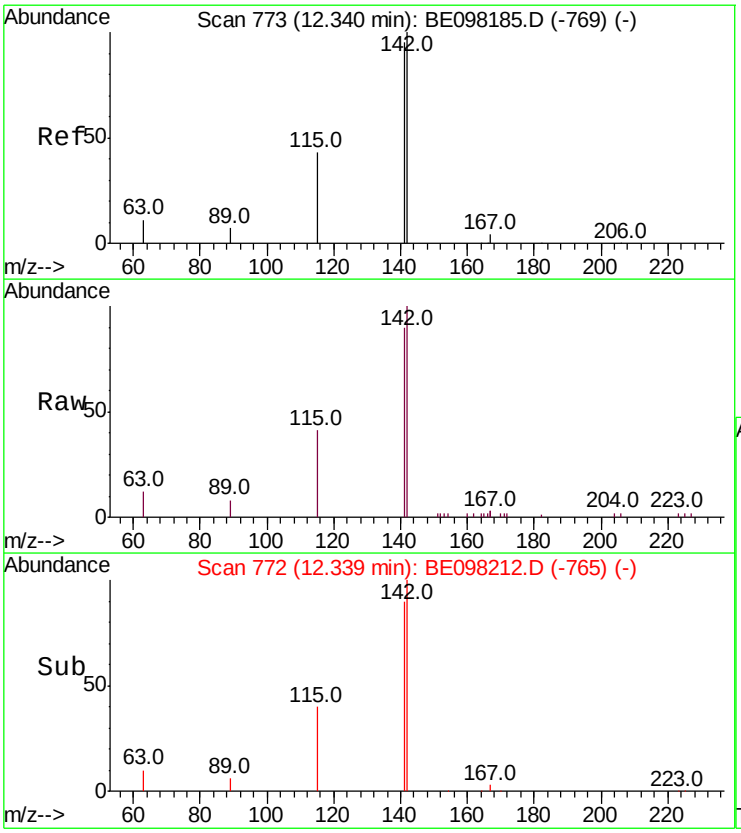
#11
2-Methylnaphthalene-d10
Concen: 0.394 ng
RT: 12.27 min Scan# 767
Delta R.T. -0.00 min
Lab File: BE098212.D
Acq: 13 Nov 2018 16:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 4559

Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.4	23.2

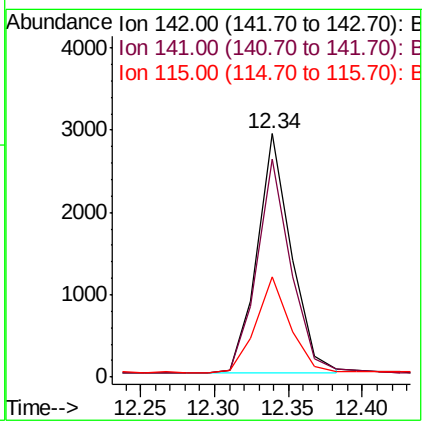


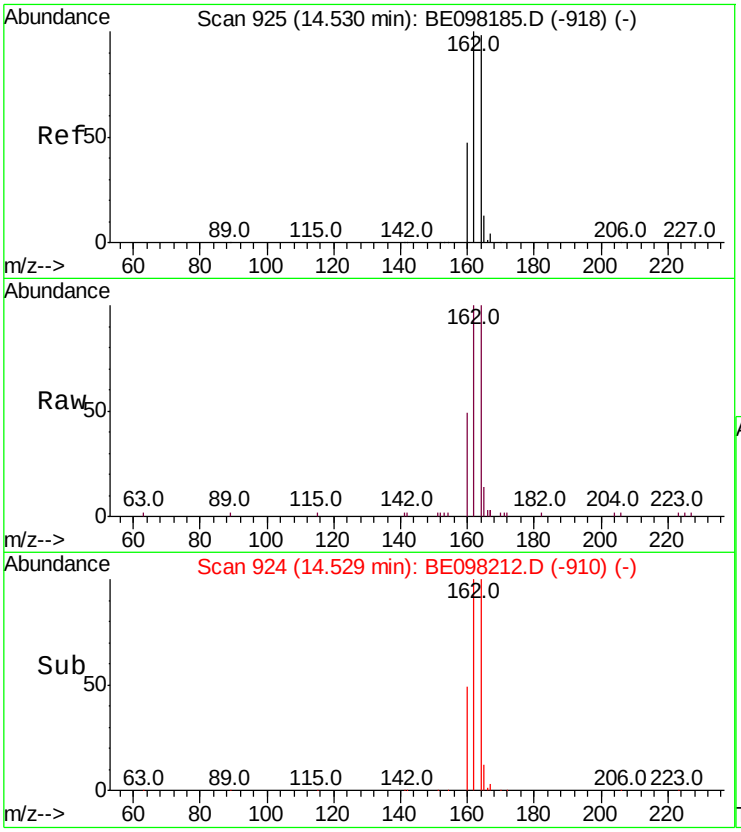


#12
2-Methylnaphthalene
Concen: 0.404 ng
RT: 12.34 min Scan# 772
Delta R.T. -0.00 min
Lab File: BE098212.D
Acq: 13 Nov 2018 16:58

Tgt Ion:142 Resp: 4698

Ion	Ratio	Lower	Upper
142	100		
141	89.8	76.3	114.5
115	41.1	35.8	53.8



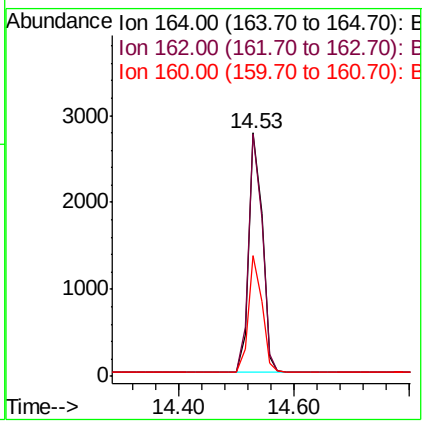


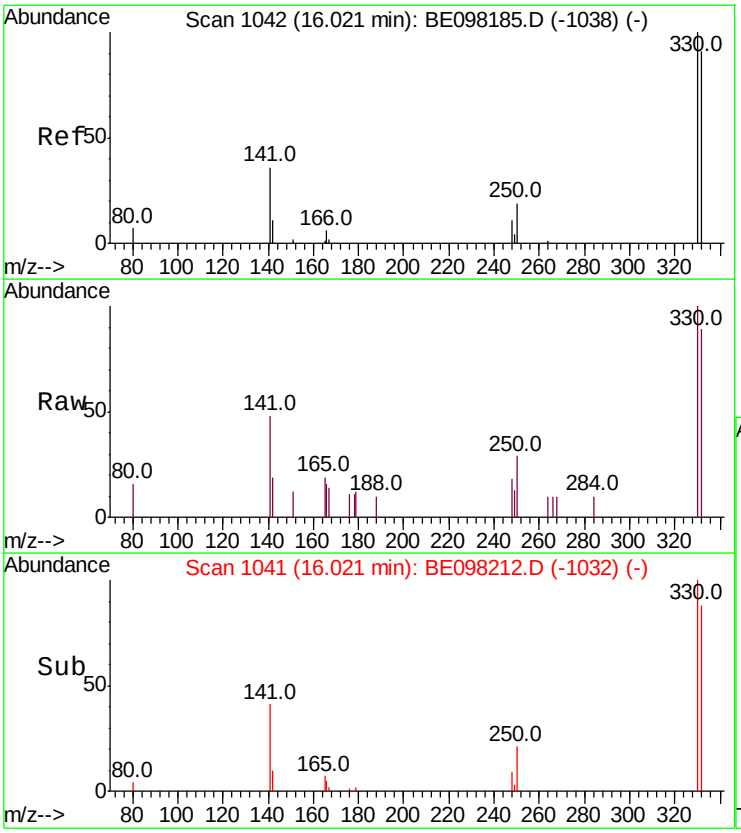
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.00 min
Lab File: BE098212.D
Acq: 13 Nov 2018 16:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 4551

Ion	Ratio	Lower	Upper
164	100		
162	99.6	81.8	122.6
160	49.4	39.4	59.0

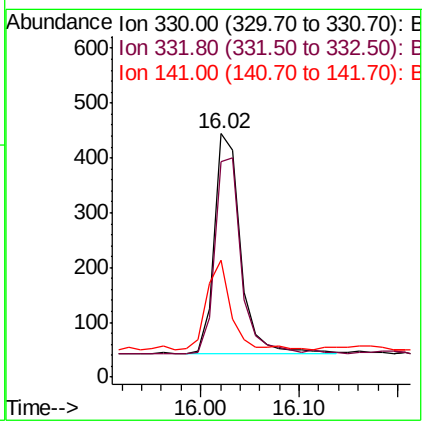


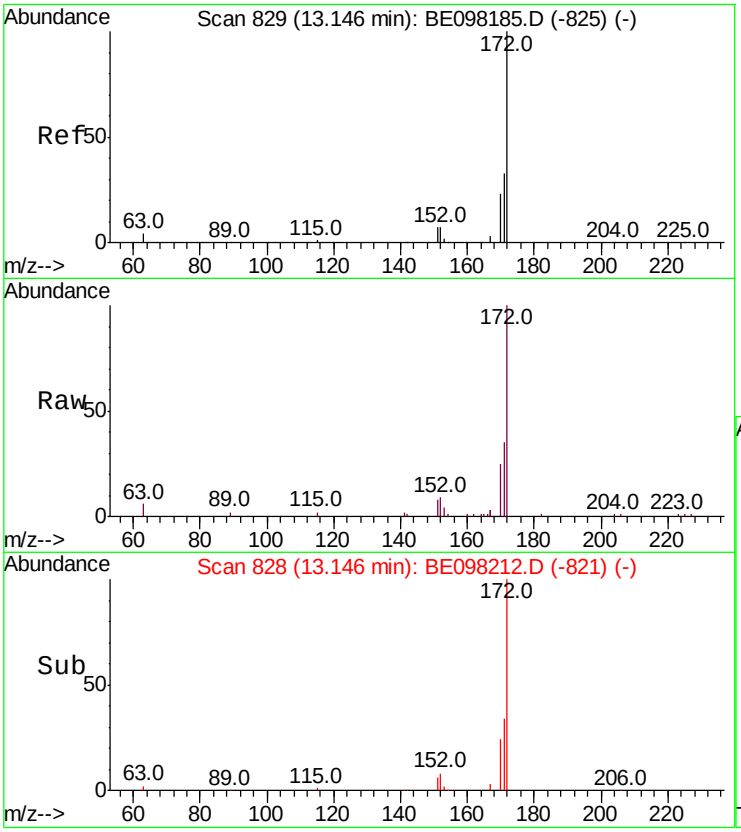


#14
2,4,6-Tribromophenol
Concen: 0.371 ng
RT: 16.02 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BE098212.D
Acq: 13 Nov 2018 16:58

Tgt Ion:330 Resp: 737

Ion	Ratio	Lower	Upper
330	100		
332	89.7	77.7	116.5
141	36.8	33.6	50.4



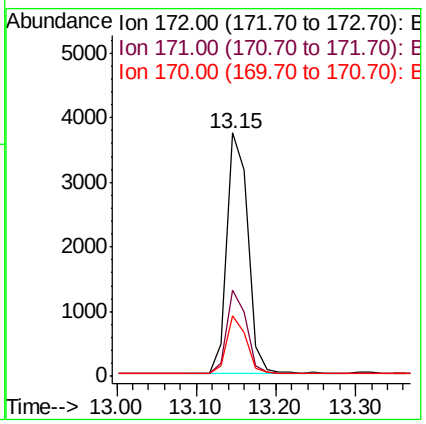


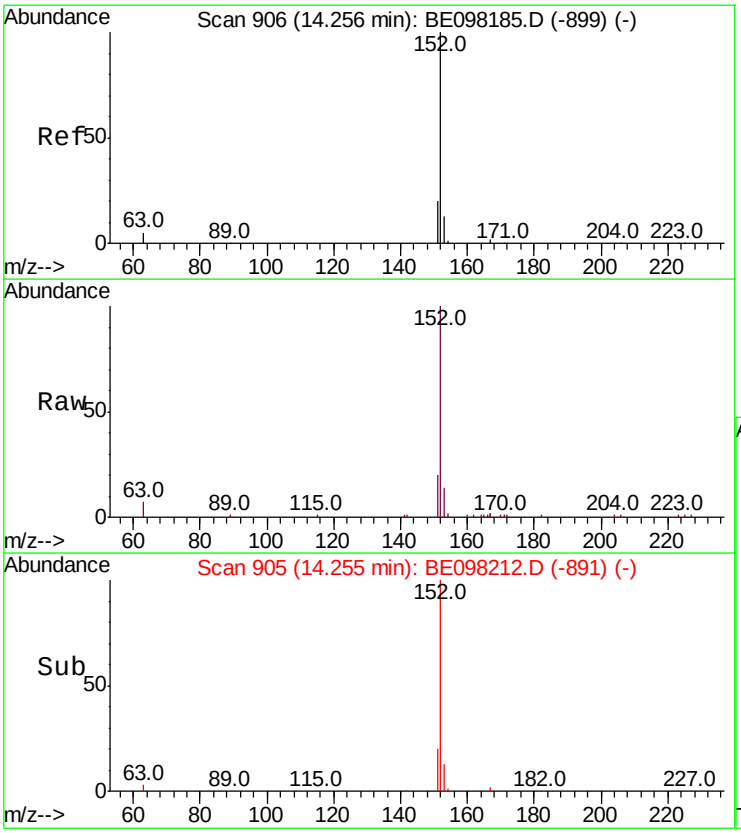
#15
2-Fluorobiphenyl
Concen: 0.358 ng
RT: 13.15 min Scan# 828
Delta R.T. -0.00 min
Lab File: BE098212.D
Acq: 13 Nov 2018 16:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 6830

Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.3	40.9
170	24.8	19.4	29.0

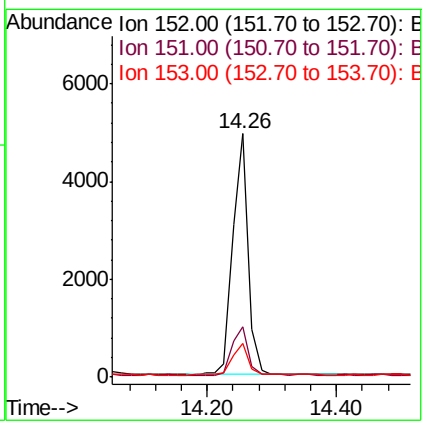


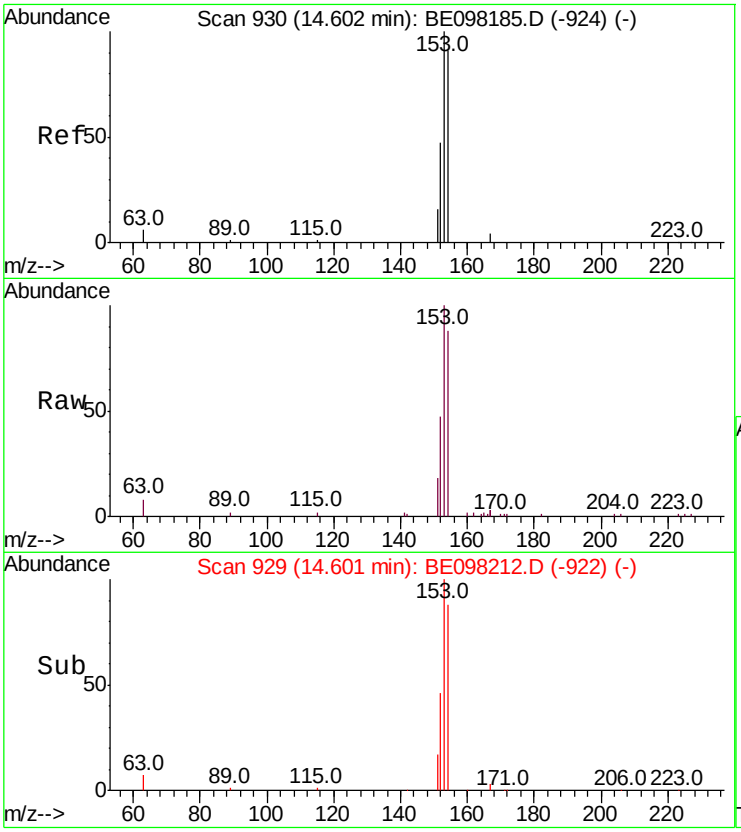


#16
Acenaphthylene
Concen: 0.390 ng
RT: 14.26 min Scan# 905
Delta R.T. -0.00 min
Lab File: BE098212.D
Acq: 13 Nov 2018 16:58

Tgt Ion:152 Resp: 8139

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.4	24.6
153	13.2	10.6	15.8



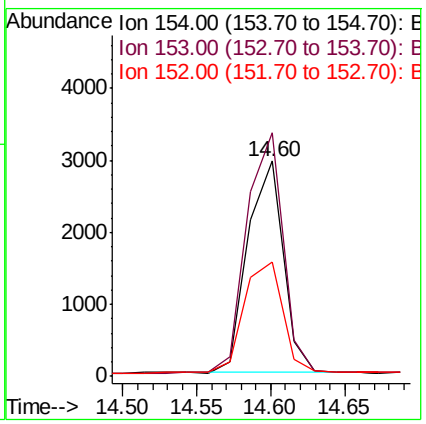


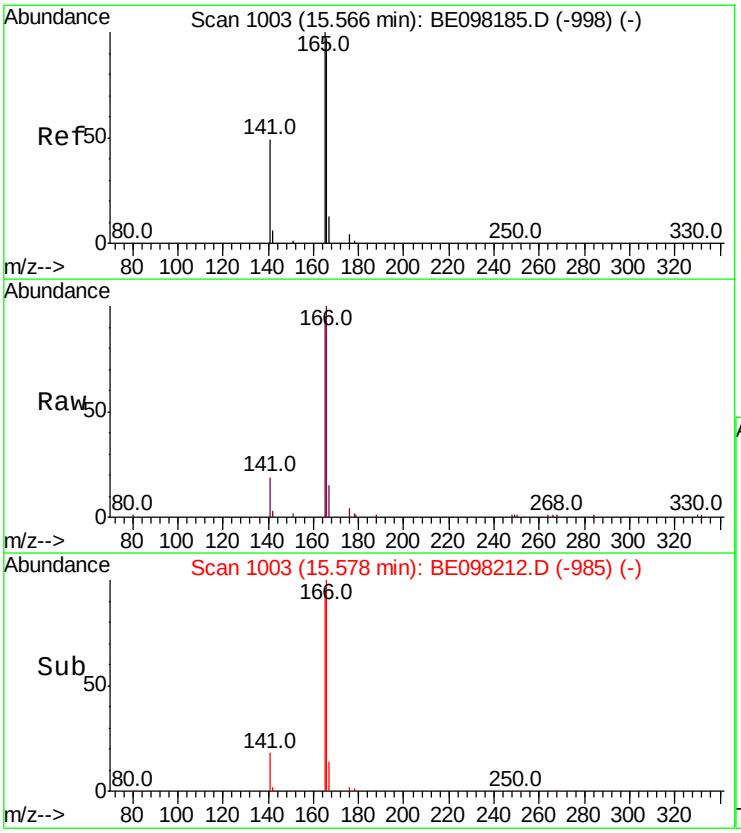
#17
Acenaphthene
Concen: 0.384 ng
RT: 14.60 min Scan# 929
Delta R.T. -0.00 min
Lab File: BE098212.D
Acq: 13 Nov 2018 16:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 4894

Ion	Ratio	Lower	Upper
154	100		
153	116.0	92.1	138.1
152	57.0	46.2	69.2

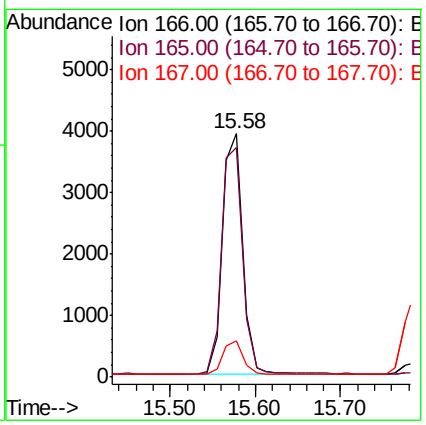


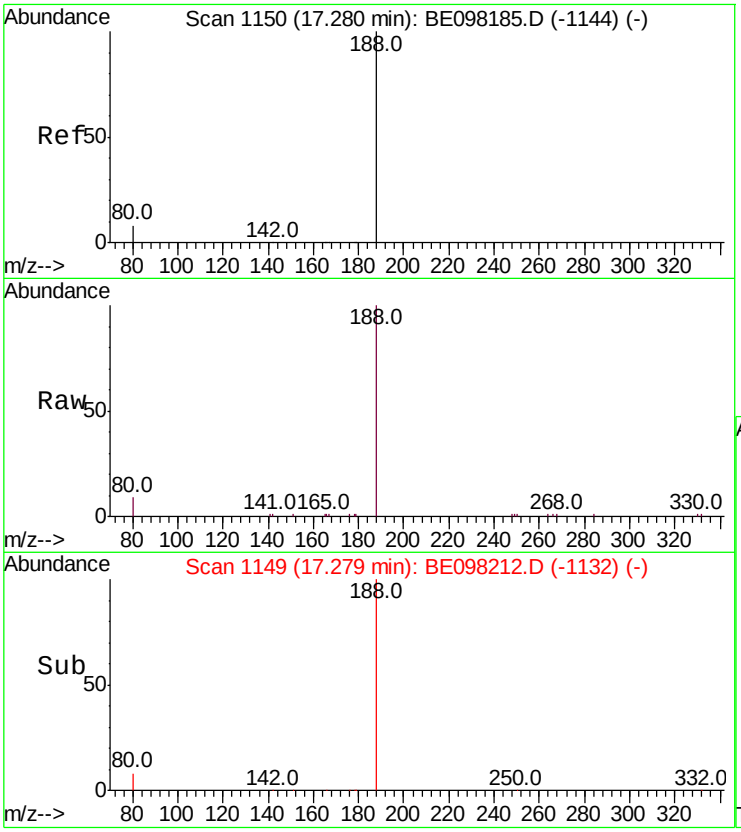


#18
Fluorene
Concen: 0.395 ng
RT: 15.58 min Scan# 1003
Delta R.T. 0.01 min
Lab File: BE098212.D
Acq: 13 Nov 2018 16:58

Tgt Ion:166 Resp: 6440

Ion	Ratio	Lower	Upper
166	100		
165	98.3	80.1	120.1
167	13.3	10.8	16.2



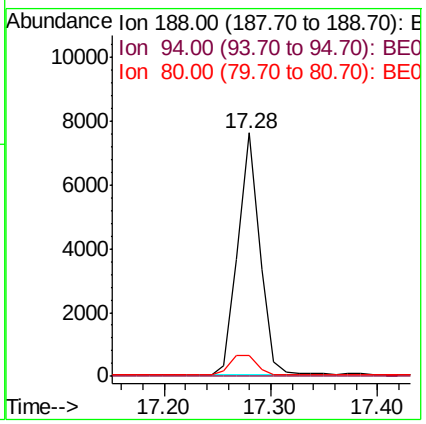


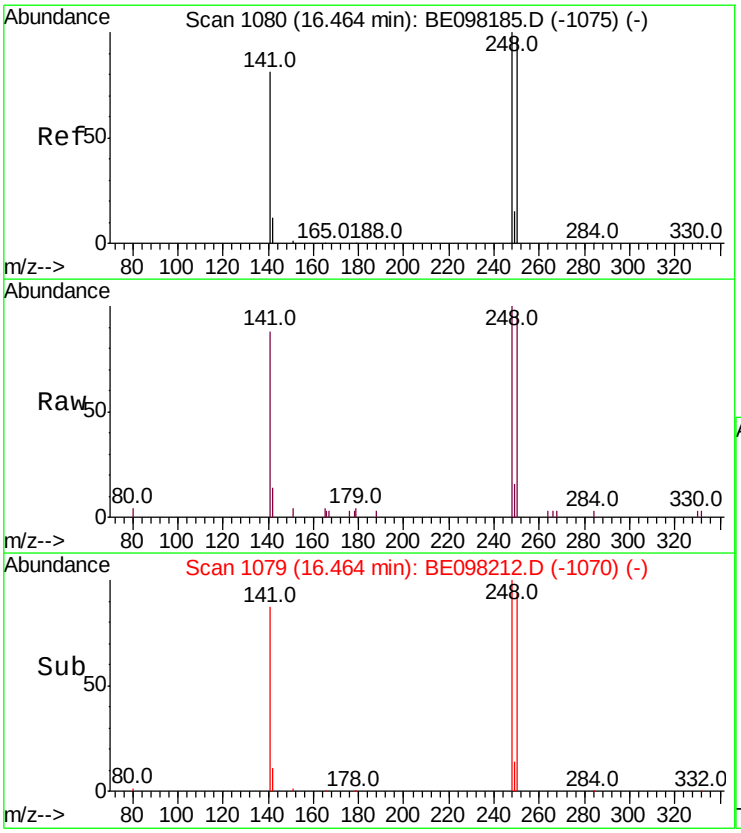
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.28 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BE098212.D
Acq: 13 Nov 2018 16:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 10815

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.5	6.7	10.1

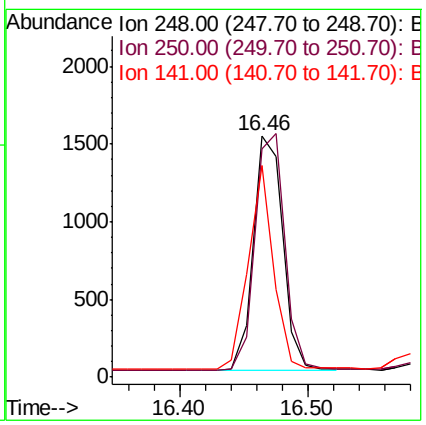


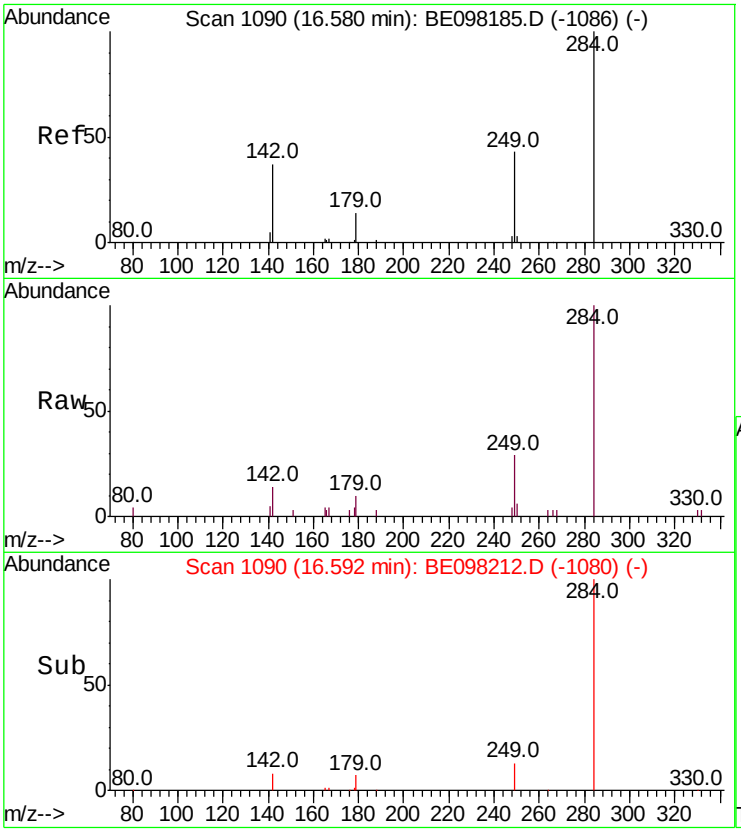


#20
4-Bromophenyl-phenylether
Concen: 0.370 ng
RT: 16.46 min Scan# 1079
Delta R.T. -0.00 min
Lab File: BE098212.D
Acq: 13 Nov 2018 16:58

Tgt Ion:248 Resp: 2439

Ion	Ratio	Lower	Upper
248	100		
250	94.7	77.6	116.4
141	87.8	65.8	98.8



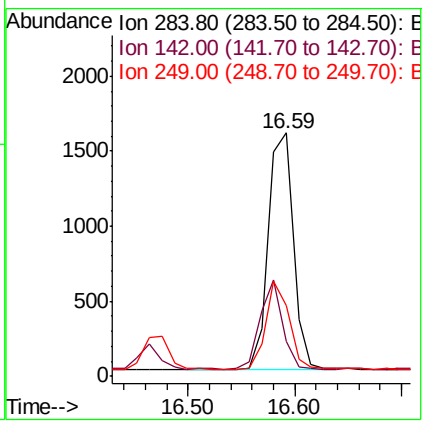


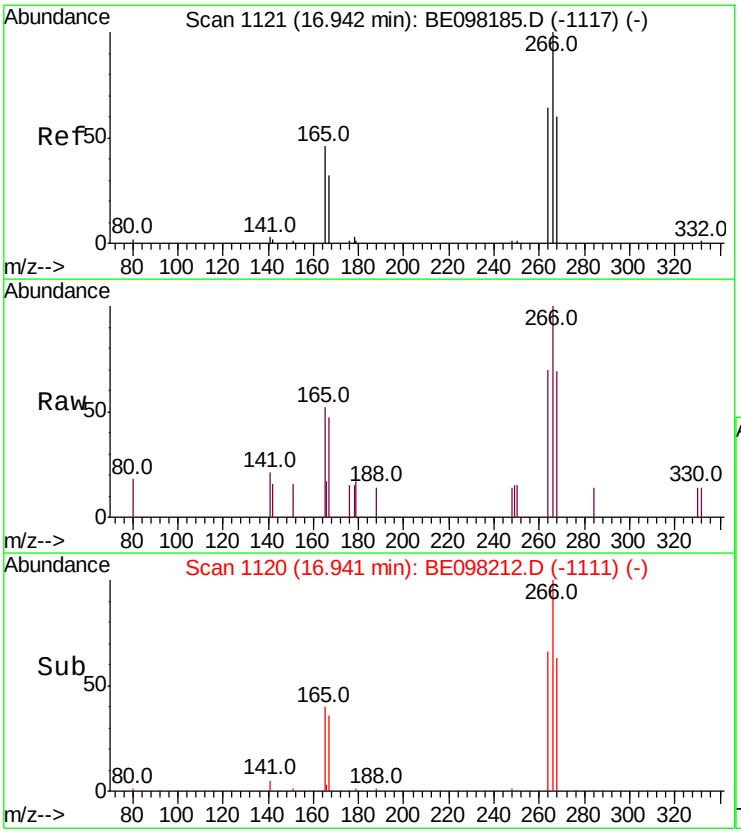
#21
Hexachlorobenzene
Concen: 0.378 ng
RT: 16.59 min Scan# 1090
Delta R.T. 0.01 min
Lab File: BE098212.D
Acq: 13 Nov 2018 16:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 2592

Ion	Ratio	Lower	Upper
284	100		
142	33.3	26.5	39.7
249	34.2	28.4	42.6

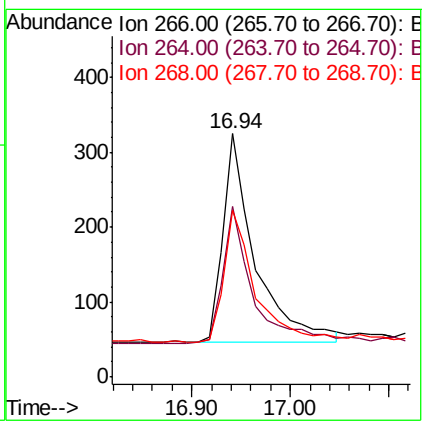


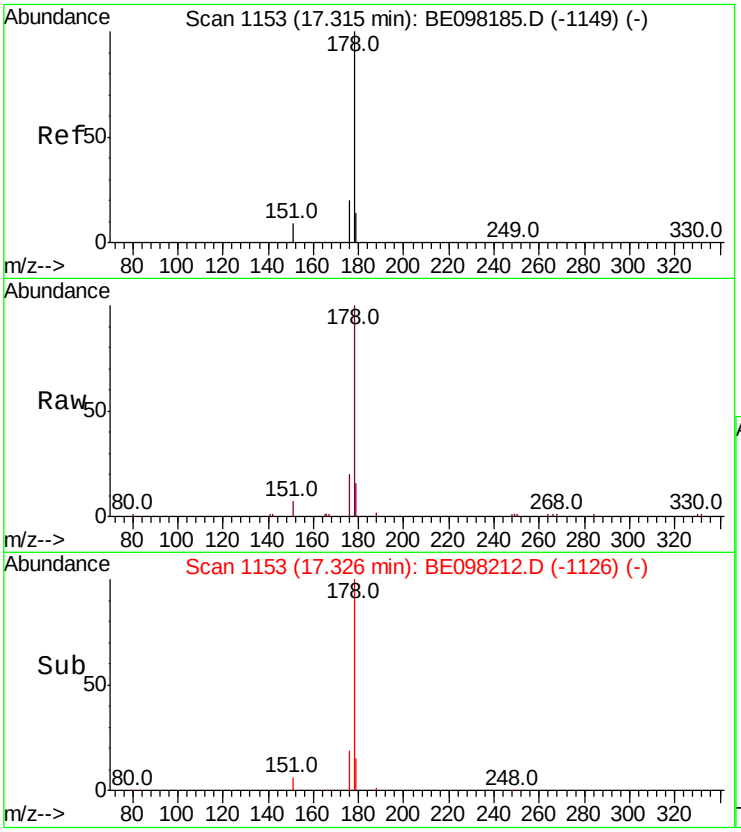


#22
Pentachlorophenol
Concen: 0.494 ng
RT: 16.94 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE098212.D
Acq: 13 Nov 2018 16:58

Tgt Ion:266 Resp: 633

Ion	Ratio	Lower	Upper
266	100		
264	69.8	57.6	86.4
268	68.6	56.8	85.2



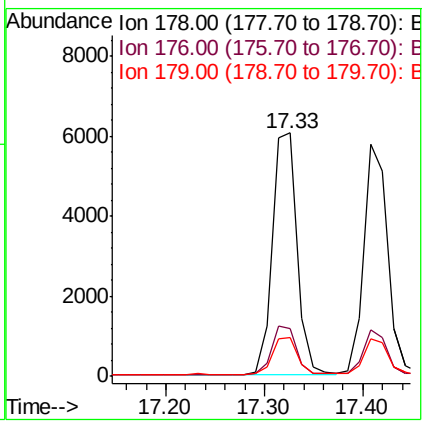


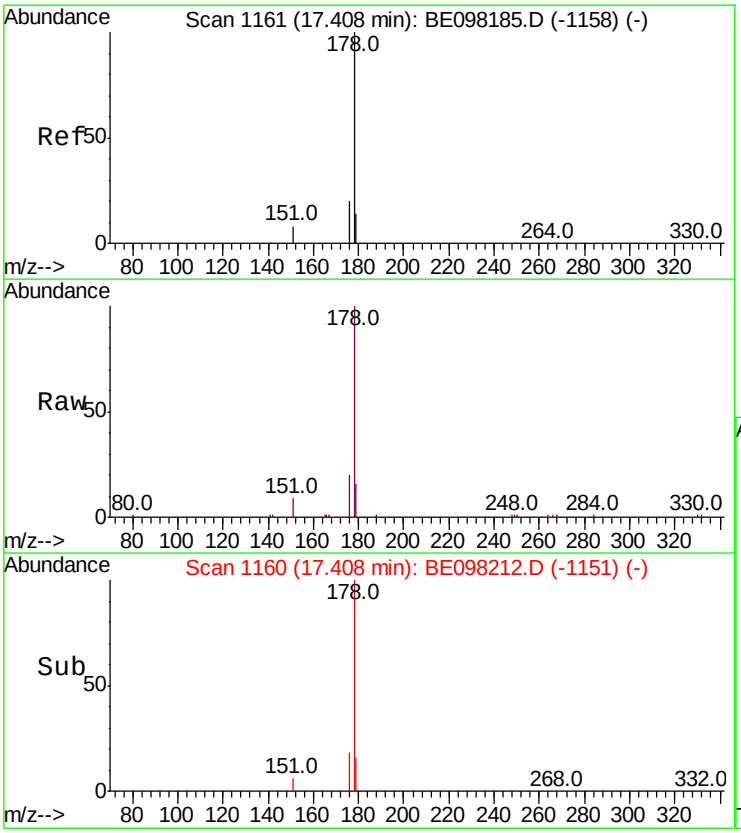
#23
Phenanthrene
Concen: 0.387 ng
RT: 17.33 min Scan# 1153
Delta R.T. 0.01 min
Lab File: BE098212.D
Acq: 13 Nov 2018 16:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 10429

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.8
179	15.1	12.3	18.5

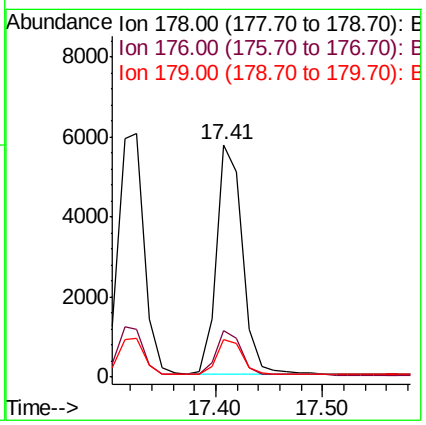


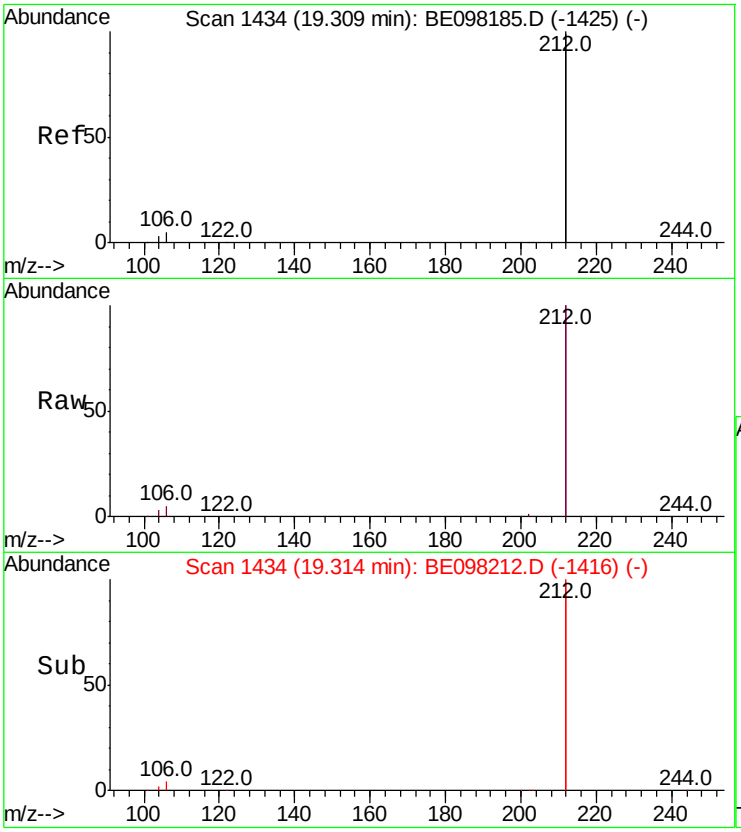


#24
Anthracene
Concen: 0.379 ng
RT: 17.41 min Scan# 1160
Delta R.T. -0.00 min
Lab File: BE098212.D
Acq: 13 Nov 2018 16:58

Tgt Ion:178 Resp: 9520

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.7	23.5
179	15.5	12.1	18.1



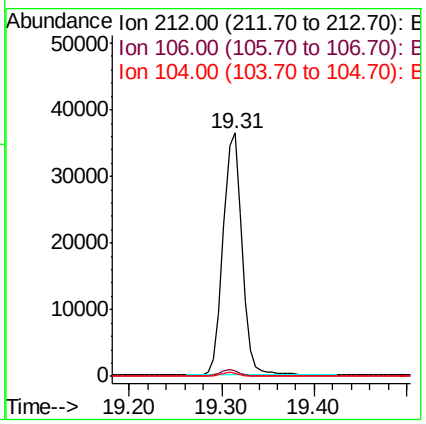


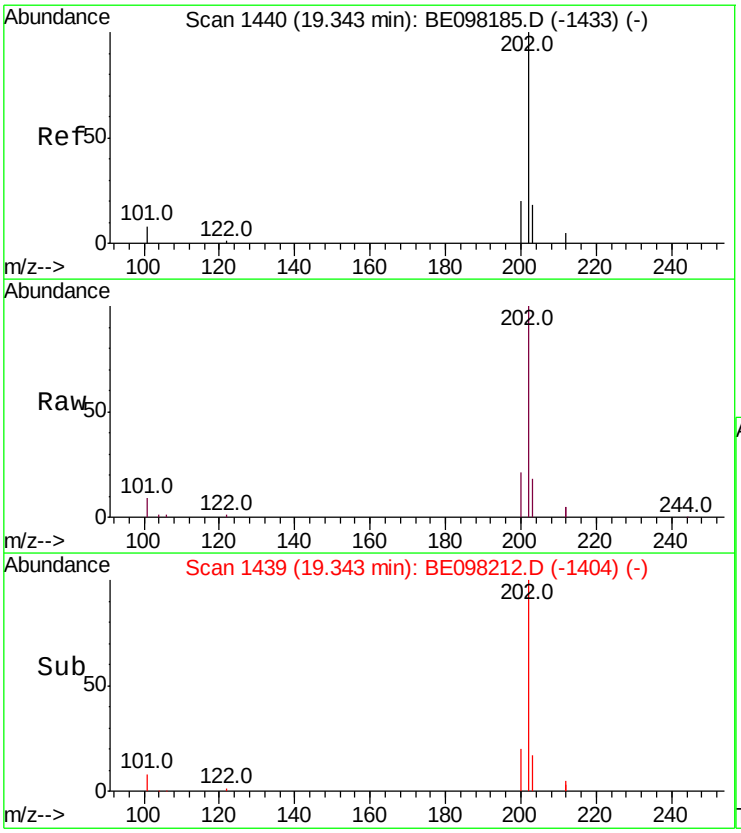
#25
Fluoranthene-d10
Concen: 0.380 ng
RT: 19.31 min Scan# 1434
Delta R.T. 0.01 min
Lab File: BE098212.D
Acq: 13 Nov 2018 16:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 51336

Ion	Ratio	Lower	Upper
212	100		
106	2.5	1.8	2.8
104	1.5	1.1	1.7

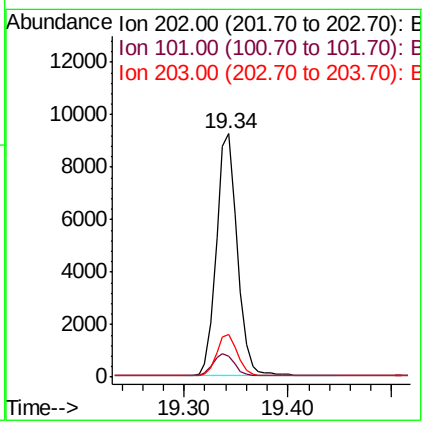


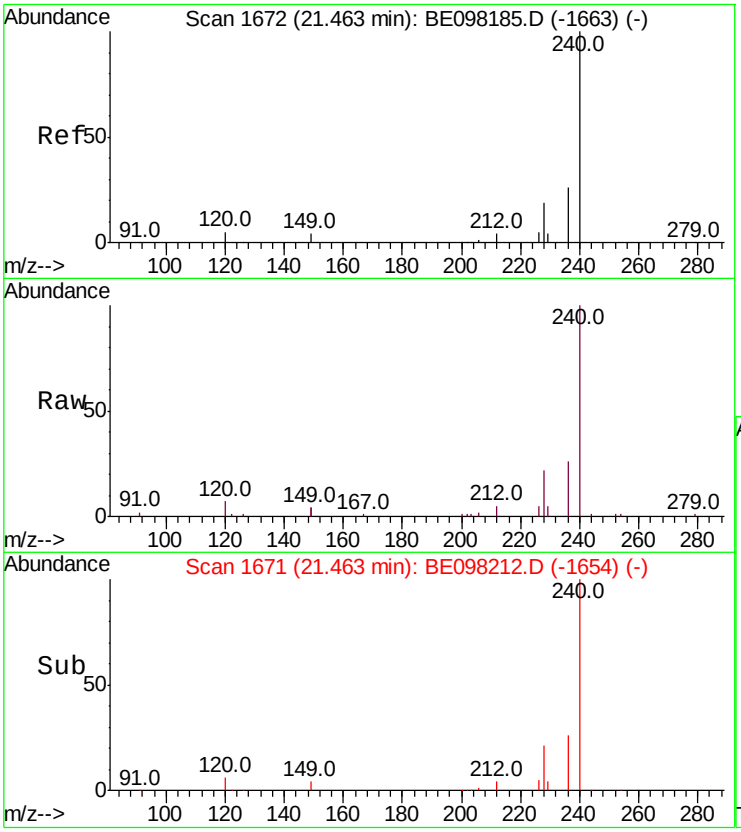


#26
Fluoranthene
Concen: 0.384 ng
RT: 19.34 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BE098212.D
Acq: 13 Nov 2018 16:58

Tgt Ion:202 Resp: 12820

Ion	Ratio	Lower	Upper
202	100		
101	9.7	7.0	10.6
203	17.1	13.7	20.5



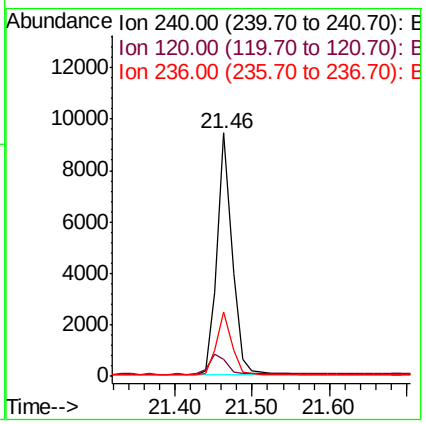


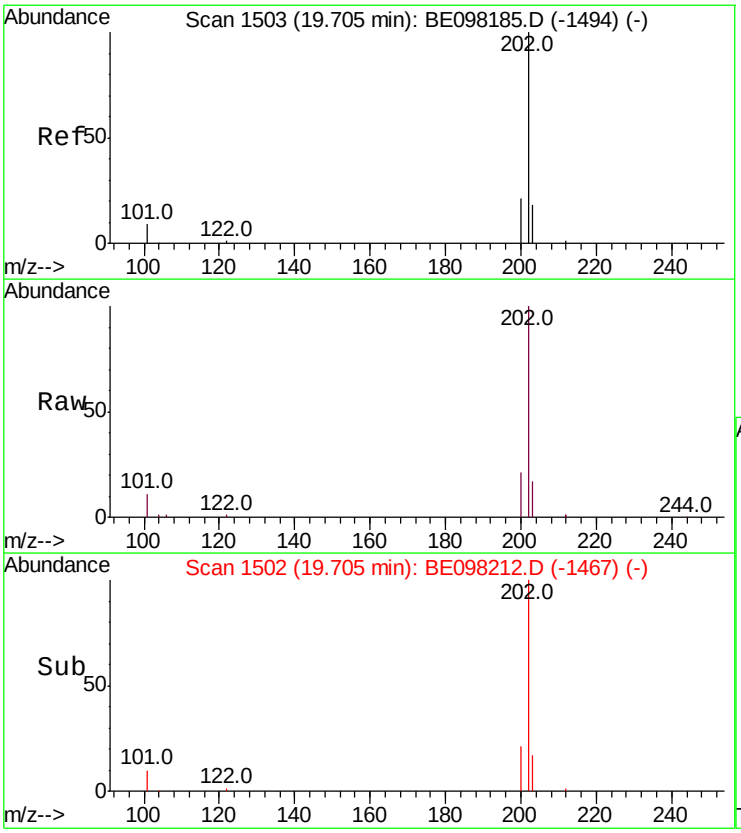
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.46 min Scan# 1671
Delta R.T. 0.00 min
Lab File: BE098212.D
Acq: 13 Nov 2018 16:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 12948

Ion	Ratio	Lower	Upper
240	100		
120	6.8	4.8	7.2
236	26.5	21.4	32.0

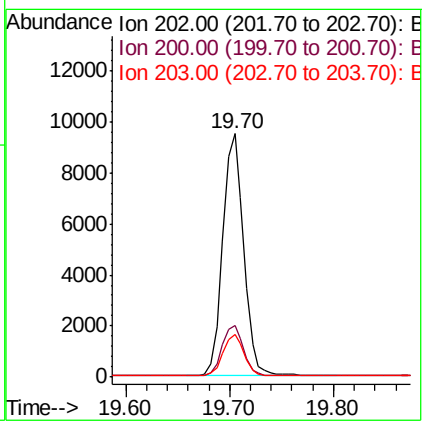


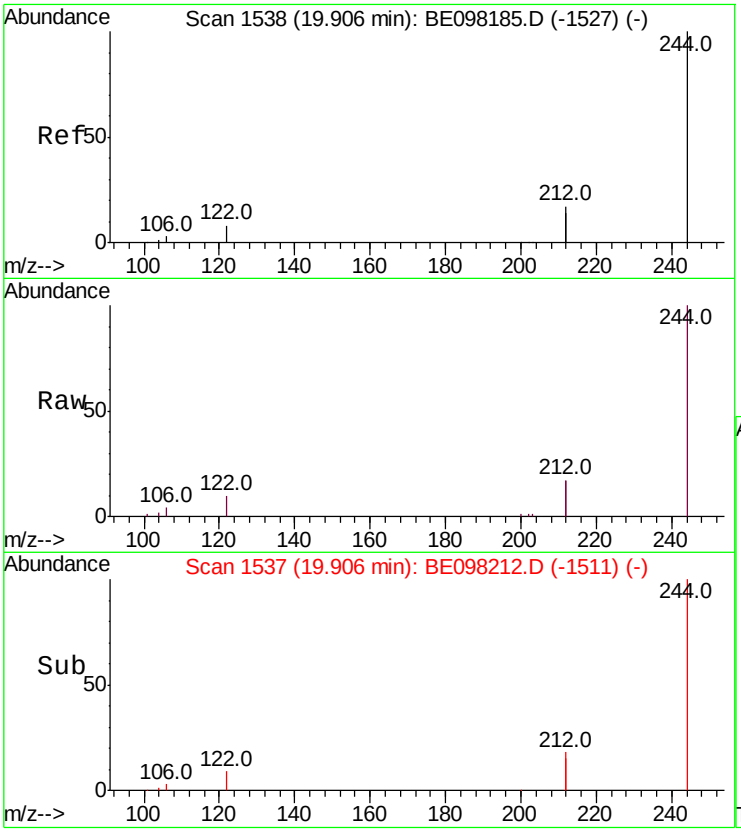


#28
Pyrene
Concen: 0.374 ng
RT: 19.70 min Scan# 1502
Delta R.T. -0.00 min
Lab File: BE098212.D
Acq: 13 Nov 2018 16:58

Tgt Ion:202 Resp: 13317

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.2	25.8
203	17.3	14.2	21.4



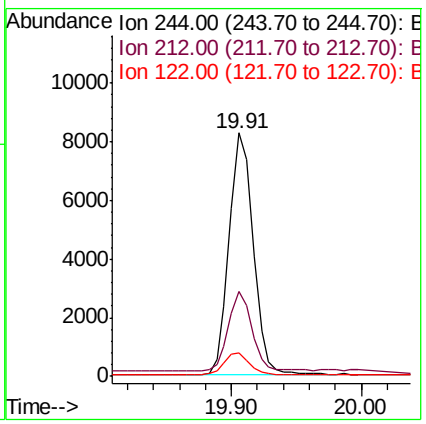


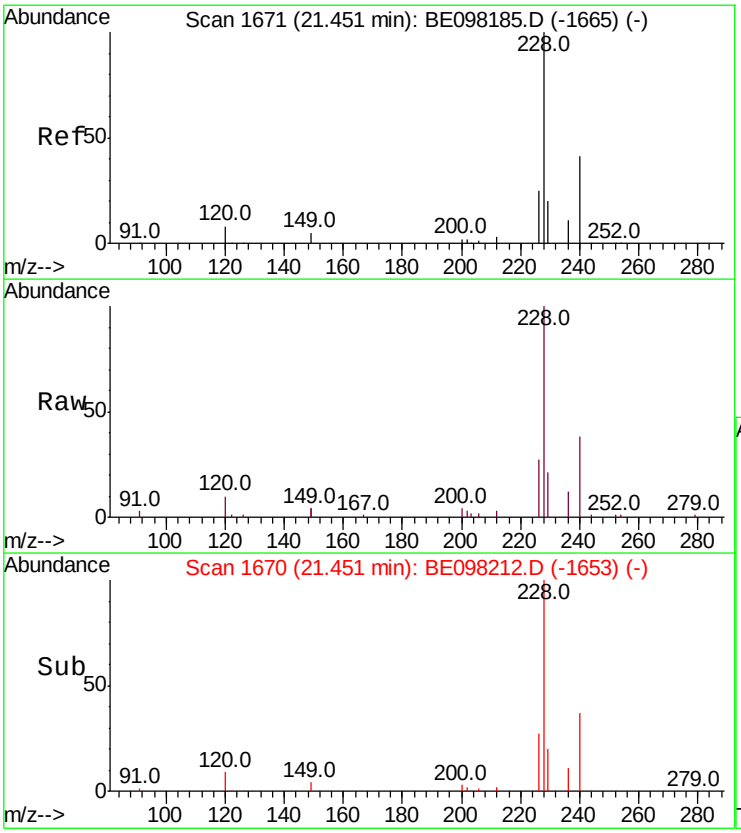
#29
Terphenyl-d14
Concen: 0.362 ng
RT: 19.91 min Scan# 1537
Delta R.T. -0.00 min
Lab File: BE098212.D
Acq: 13 Nov 2018 16:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 10643

Ion	Ratio	Lower	Upper
244	100		
212	34.8	26.8	40.2
122	9.7	7.0	10.6

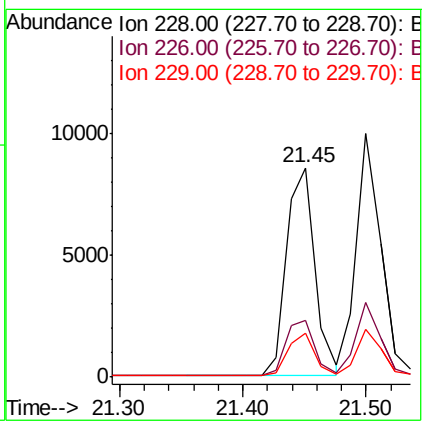


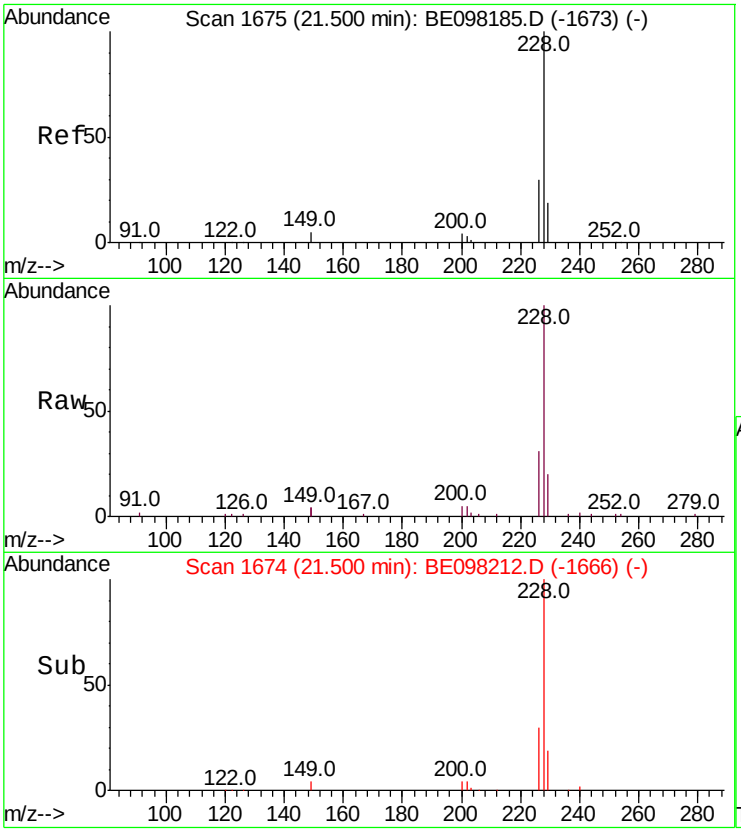


#30
Benzo(a)anthracene
Concen: 0.375 ng
RT: 21.45 min Scan# 1670
Delta R.T. 0.00 min
Lab File: BE098212.D
Acq: 13 Nov 2018 16:58

Tgt Ion:228 Resp: 13789

Ion	Ratio	Lower	Upper
228	100		
226	27.1	20.7	31.1
229	20.8	16.2	24.4



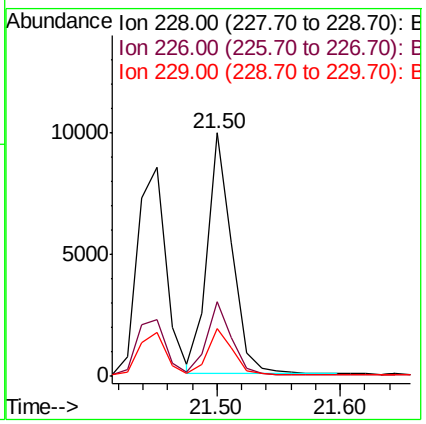


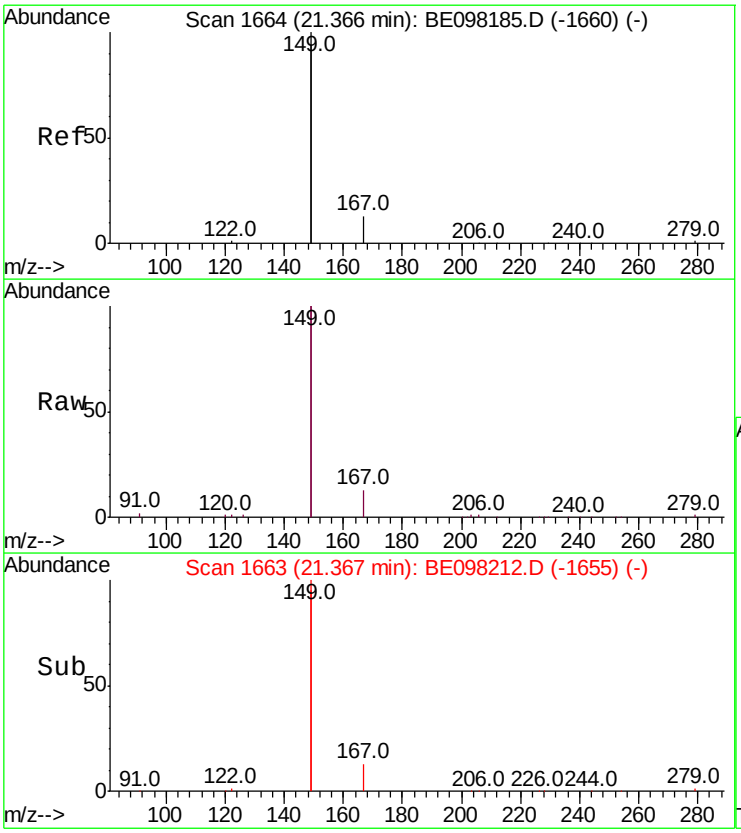
#31
Chrysene
Concen: 0.369 ng
RT: 21.50 min Scan# 1674
Delta R.T. 0.00 min
Lab File: BE098212.D
Acq: 13 Nov 2018 16:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 13786

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.6	36.8
229	19.8	16.0	24.0

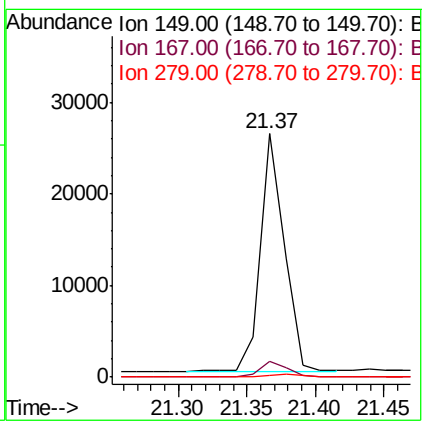


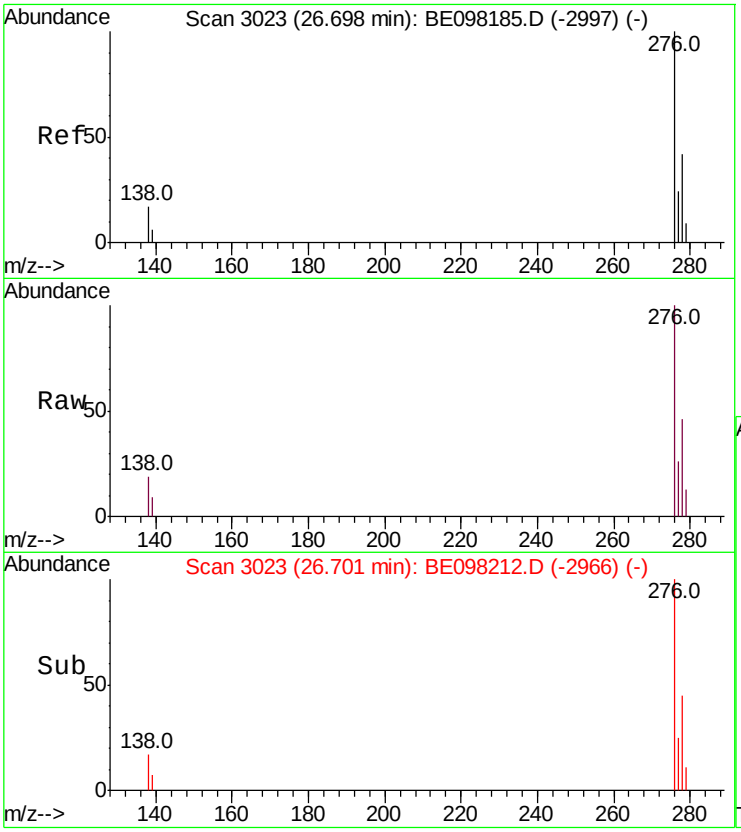


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.406 ng
RT: 21.37 min Scan# 1663
Delta R.T. 0.00 min
Lab File: BE098212.D
Acq: 13 Nov 2018 16:58

Tgt Ion:149 Resp: 31039

Ion	Ratio	Lower	Upper
149	100		
167	6.7	5.6	8.4
279	1.1	0.9	1.3



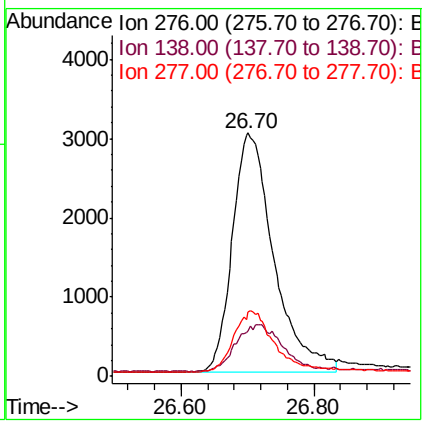


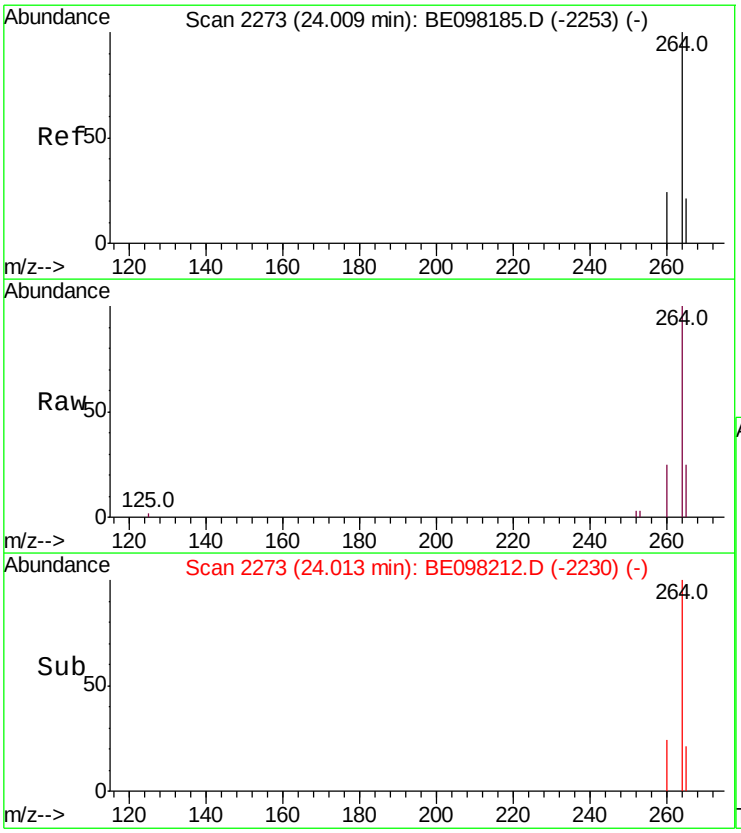
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.384 ng
RT: 26.70 min Scan# 3023
Delta R.T. 0.00 min
Lab File: BE098212.D
Acq: 13 Nov 2018 16:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 13147

Ion	Ratio	Lower	Upper
276	100		
138	0.0	6.4	9.6#
277	25.6	18.9	28.3

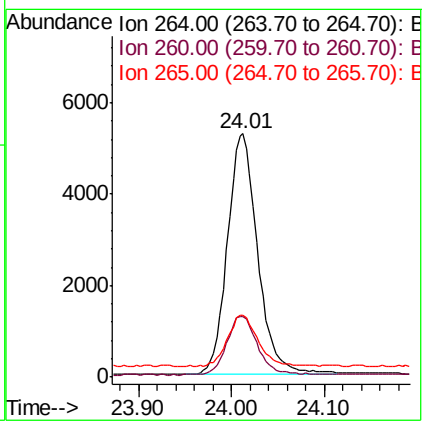


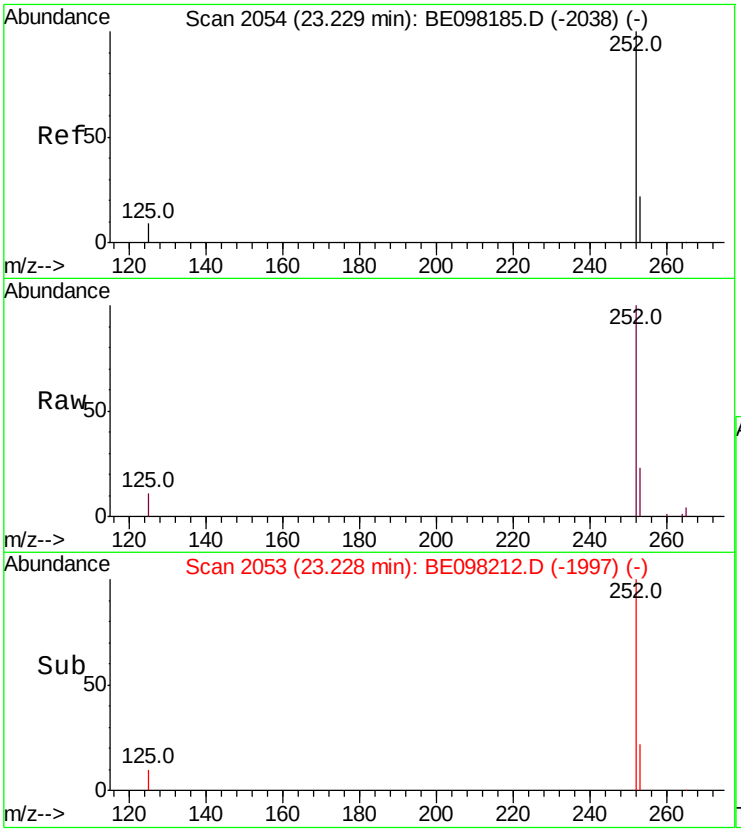


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.01 min Scan# 2273
Delta R.T. 0.00 min
Lab File: BE098212.D
Acq: 13 Nov 2018 16:58

Tgt Ion:264 Resp: 11929

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.9	29.9
265	25.2	21.3	31.9



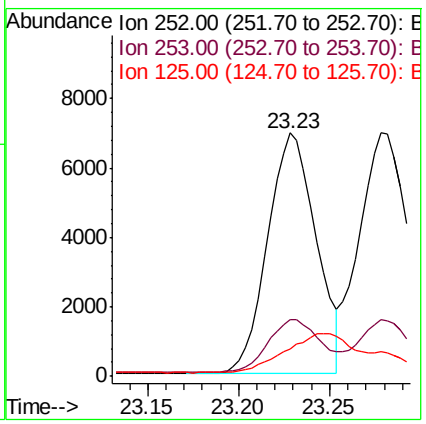


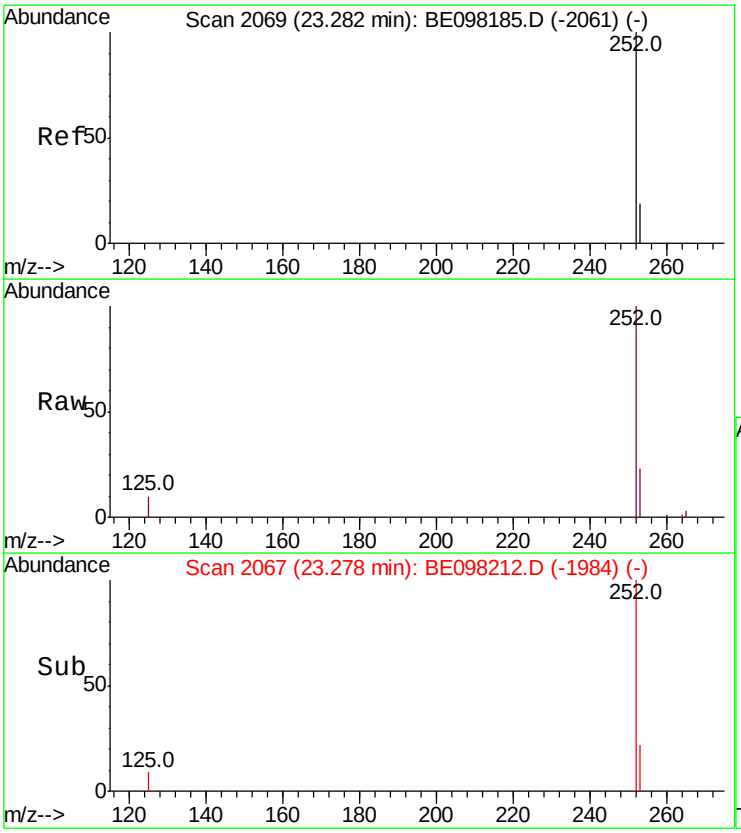
#35
Benzo(b)fluoranthene
Concen: 0.378 ng
RT: 23.23 min Scan# 2053
Delta R.T. -0.00 min
Lab File: BE098212.D
Acq: 13 Nov 2018 16:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 12783

Ion	Ratio	Lower	Upper
252	100		
253	23.5	19.4	29.0
125	11.3	8.6	12.8

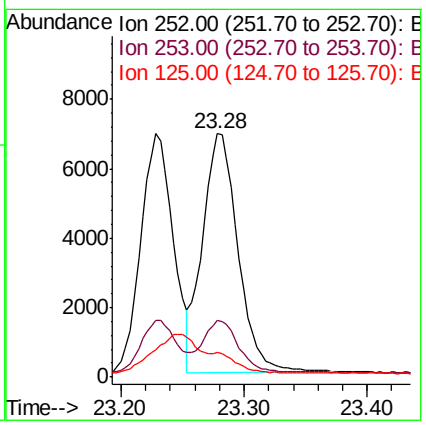


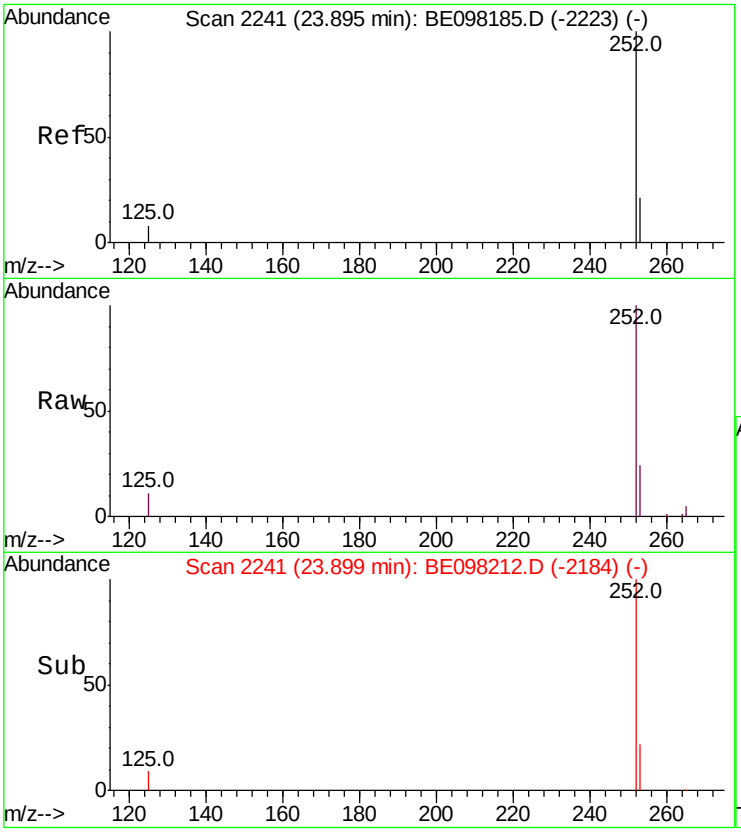


#36
Benzo(k)fluoranthene
Concen: 0.387 ng
RT: 23.28 min Scan# 2067
Delta R.T. -0.00 min
Lab File: BE098212.D
Acq: 13 Nov 2018 16:58

Tgt Ion:252 Resp: 13831

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.6	28.0
125	10.3	7.4	11.0



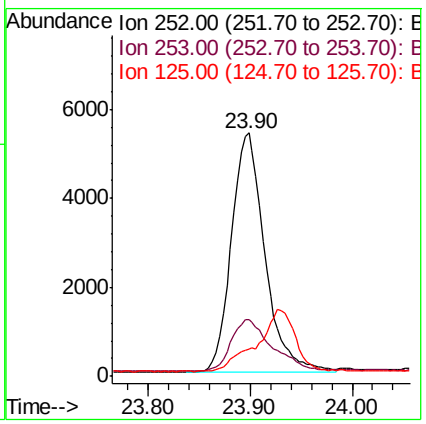


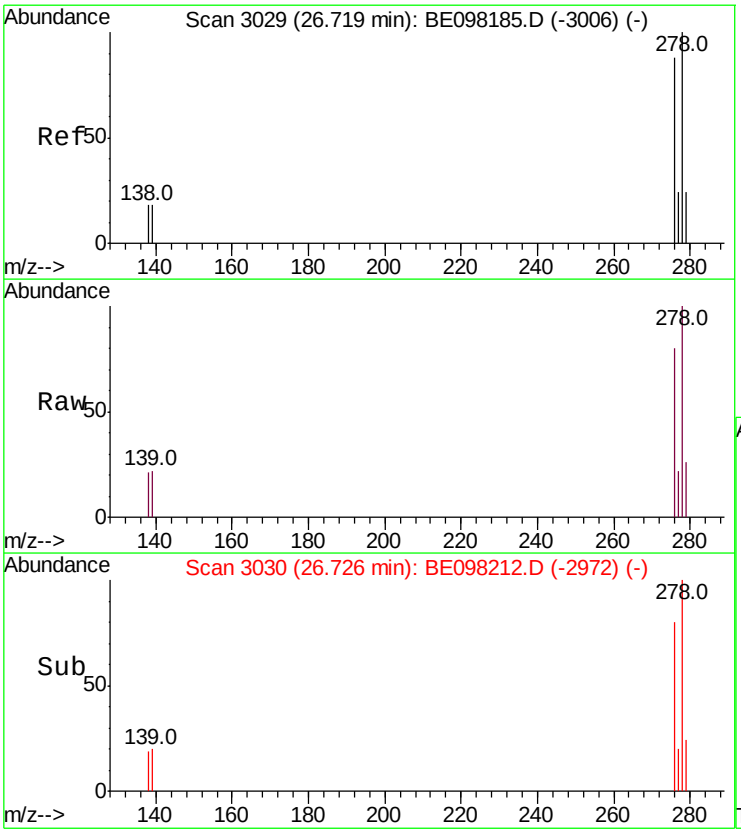
#37
Benzo(a)pyrene
Concen: 0.381 ng
RT: 23.90 min Scan# 2241
Delta R.T. 0.00 min
Lab File: BE098212.D
Acq: 13 Nov 2018 16:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 12363

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.6	27.8
125	11.3	8.0	12.0

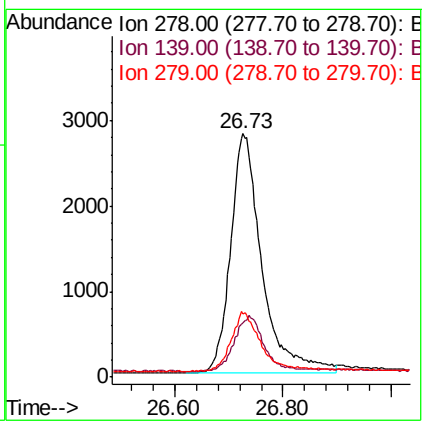


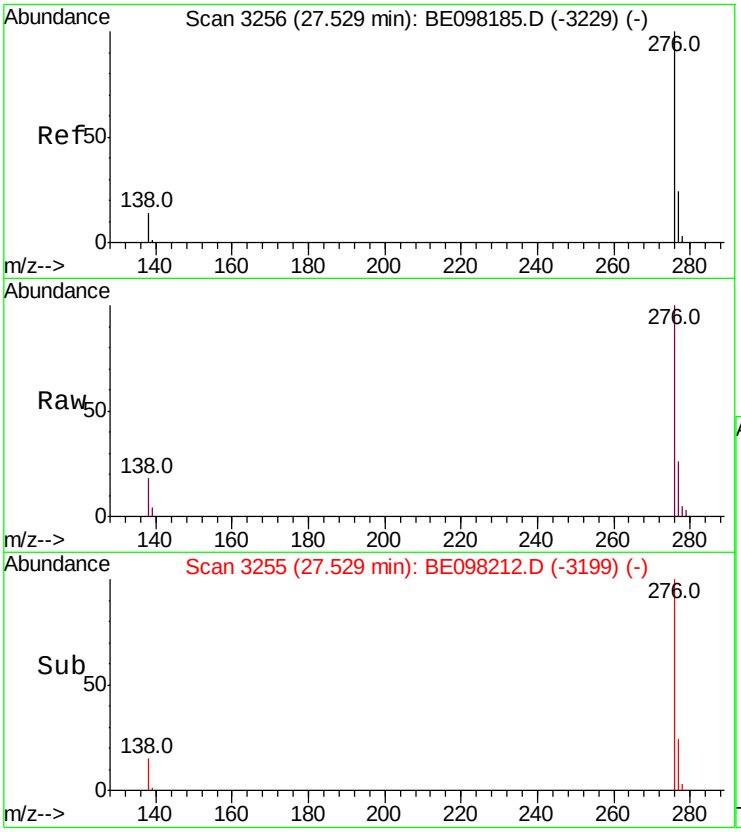


#38
Dibenzo(a,h)anthracene
Concen: 0.407 ng
RT: 26.73 min Scan# 3030
Delta R.T. 0.01 min
Lab File: BE098212.D
Acq: 13 Nov 2018 16:58

Tgt Ion:278 Resp: 11248

Ion	Ratio	Lower	Upper
278	100		
139	22.0	16.4	24.6
279	25.7	21.3	31.9





#39
Benzo(g,h,i)perylene
Concen: 0.380 ng
RT: 27.53 min Scan# 3255
Delta R.T. -0.00 min
Lab File: BE098212.D
Acq: 13 Nov 2018 16:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 10966

Ion	Ratio	Lower	Upper
276	100		
277	25.5	20.4	30.6
138	17.8	13.2	19.8