Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121719\
Data File : BE100949.D
Acq On : 17 Dec 2019 14:17
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Dec 17 17:33:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE120419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 13 10:42:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	4714	0.40	ng		0.00
7) Naphthalene-d8	10.54	136	23264	0.40	ng		0.00
13) Acenaphthene-d10	14.38	164	15435	0.40	ng		0.00
19) Phenanthrene-d10	17.12	188	37041	0.40	ng		0.00
27) Chrysene-d12	21.31	240	33273	0.40	ng		0.00
34) Perylene-d12	23.74	264	41090	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.36	112	6669	0.60	ng		-0.01
5) Phenol-d6	6.93	99	9943	0.59	ng		0.00
8) Nitrobenzene-d5	8.89	82	7461	0.67	ng		-0.01
11) 2-Methylnaphthalene-d10	12.14	152	15629	0.46	ng		0.00
14) 2,4,6-Tribromophenol	15.88	330	1555	0.91	ng		0.00
15) 2-Fluorobiphenyl	13.02	172	22020	0.36	ng		0.00
25) Fluoranthene-d10	19.16	212	168254	0.38	ng		0.00
29) Terphenyl-d14	19.75	244	34210	0.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.34	88	3674	0.427	ng		96
3) n-Nitrosodimethylamine	3.65	42	3443	0.492	ng	#	94
6) bis(2-Chloroethyl)ether	7.18	93	7594	0.465	ng		99
9) Naphthalene	10.58	128	107221	0.434	ng		100
10) Hexachlorobutadiene	10.89	225	3916	0.406	ng		97
12) 2-Methylnaphthalene	12.21	142	18306	0.474	ng		99
16) Acenaphthylene	14.11	152	28900	0.453	ng		99
17) Acenaphthene	14.46	154	18972	0.431	ng		98
18) Fluorene	15.42	166	25479	0.449	ng		98
20) 4-Bromophenyl-phenylether	16.32	248	7610	0.419	ng		99
21) Hexachlorobenzene	16.44	284	7551	0.382	ng		99
22) Pentachlorophenol	16.79	266	987	0.723	ng		95
23) Phenanthrene	17.16	178	45711	0.407	ng		98
24) Anthracene	17.25	178	40139	0.428	ng		100
26) Fluoranthene	19.18	202	51326	0.383	ng		99
28) Pyrene	19.55	202	52016	0.481	ng		100
30) Benzo(a)anthracene	21.28	228	49031	0.500	ng		99
31) Chrysene	21.34	228	51860	0.450	ng		96
32) Bis(2-ethylhexyl)phthalate	21.23	149	102736	1.276	ng		99
33) Indeno(1,2,3-cd)pyrene	26.32	276	53869	0.537	ng		98
35) Benzo(b)fluoranthene	23.00	252	49129	0.437	ng		99
36) Benzo(k)fluoranthene	23.00	252	49129	0.389	ng		99
37) Benzo(a)pyrene	23.63	252	44528	0.457	ng		100
38) Dibenzo(a,h)anthracene	26.34	278	43416	0.448	ng		99
39) Benzo(g,h,i)perylene	27.10	276	45505	0.439	ng		99

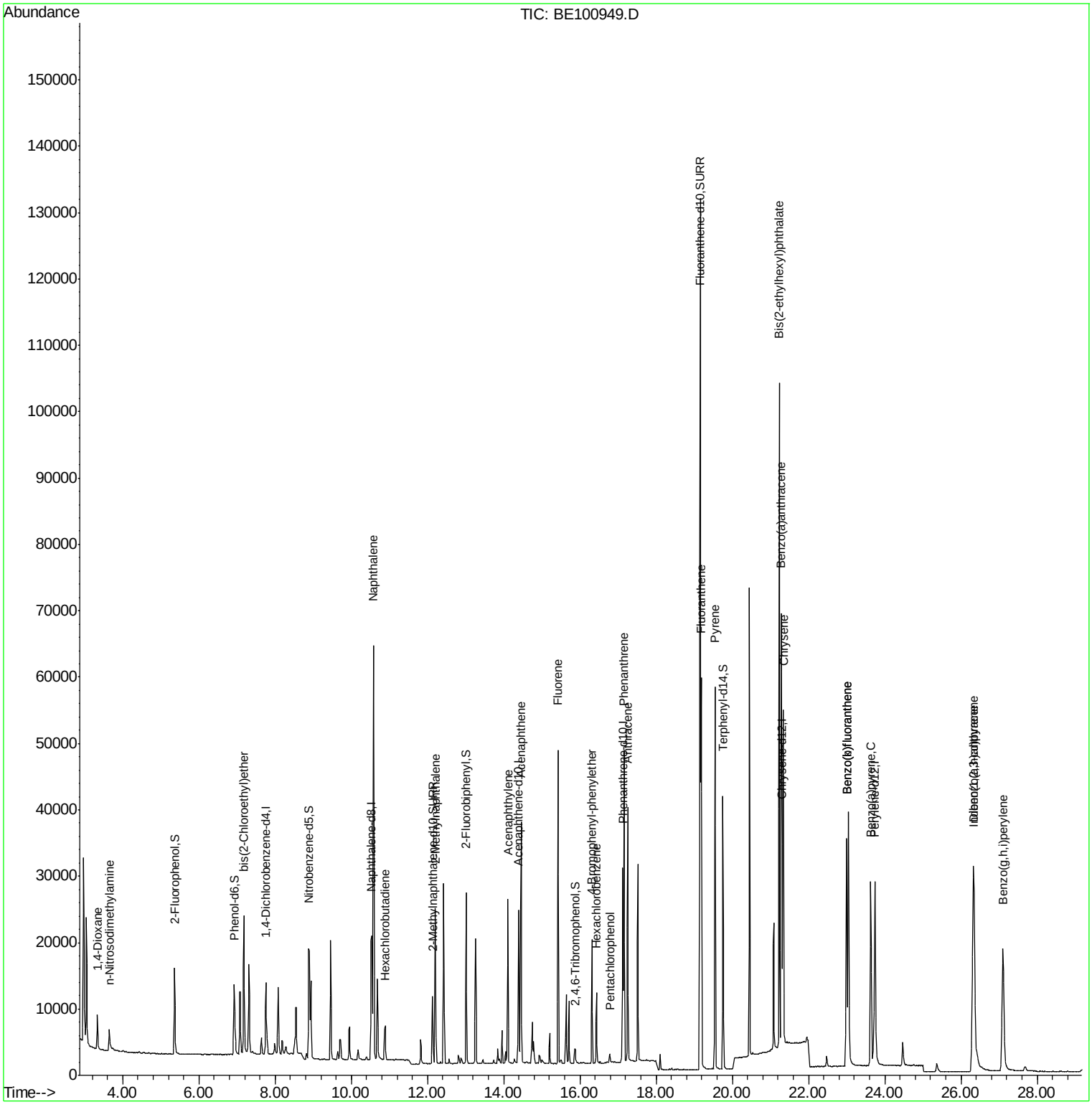
(#) = qualifier out of range (m) = manual integration (+) = signals summed

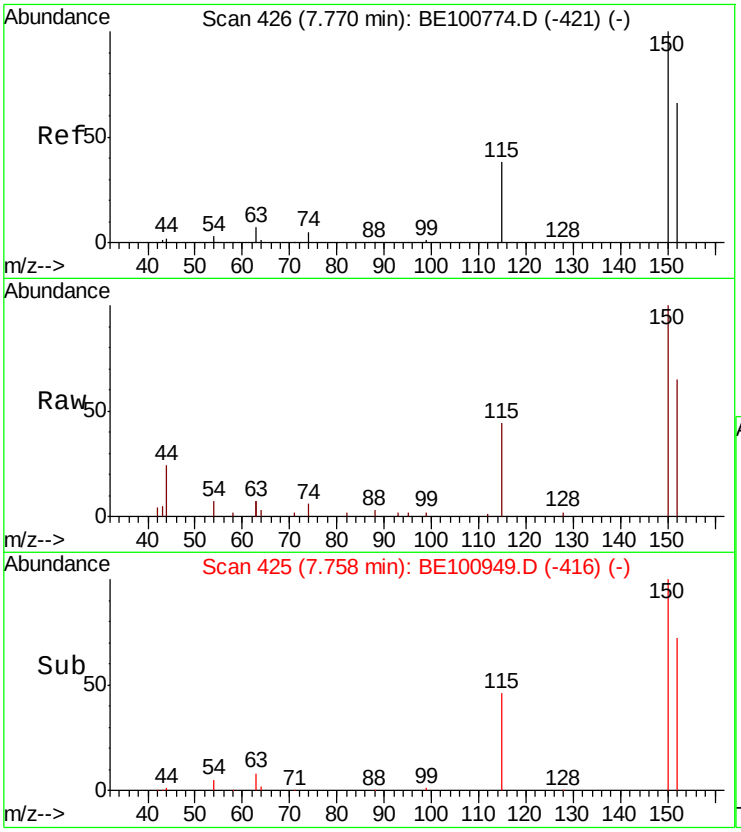
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121719\
Data File : BE100949.D
Acq On : 17 Dec 2019 14:17
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Dec 17 17:33:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE120419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 13 10:42:38 2019
Response via : Initial Calibration



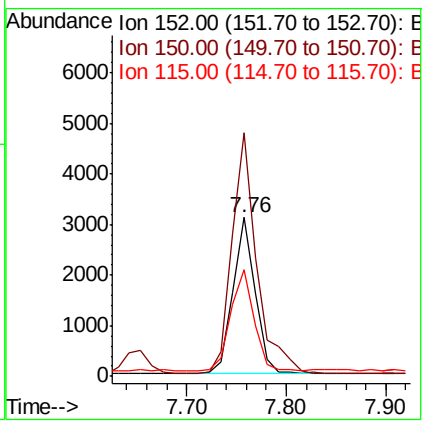


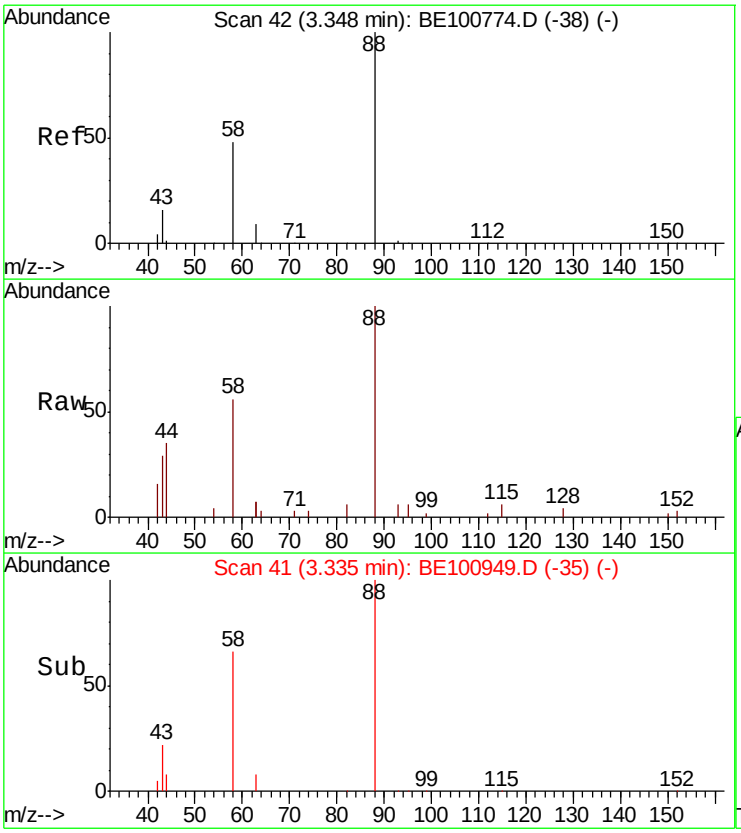
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.76 min Scan# 425
Delta R.T. -0.00 min
Lab File: BE100949.D
Acq: 17 Dec 2019 14:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 4714

Ion	Ratio	Lower	Upper
152	100		
150	153.2	125.5	188.3
115	67.2	55.7	83.5

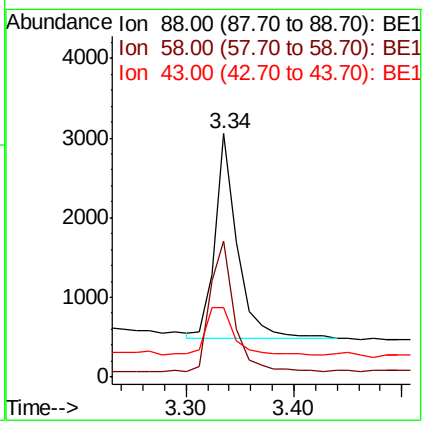


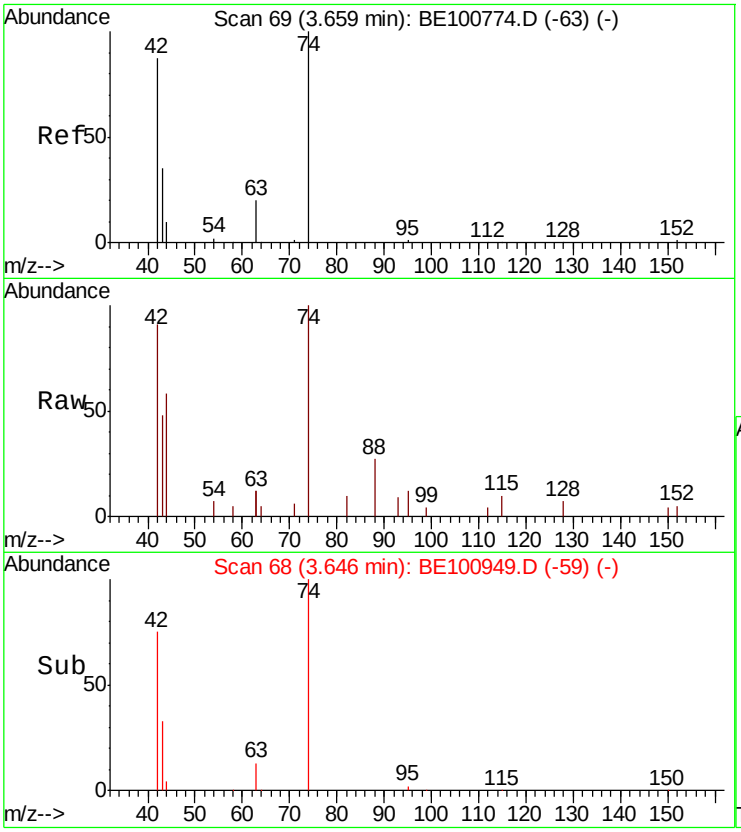


#2
1,4-Dioxane
Concen: 0.427 ng
RT: 3.34 min Scan# 41
Delta R.T. -0.00 min
Lab File: BE100949.D
Acq: 17 Dec 2019 14:17

Tgt Ion: 88 Resp: 3674

Ion	Ratio	Lower	Upper
88	100		
58	69.5	52.3	78.5
43	30.3	23.5	35.3



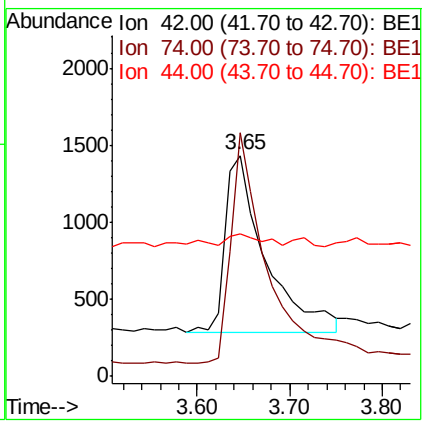


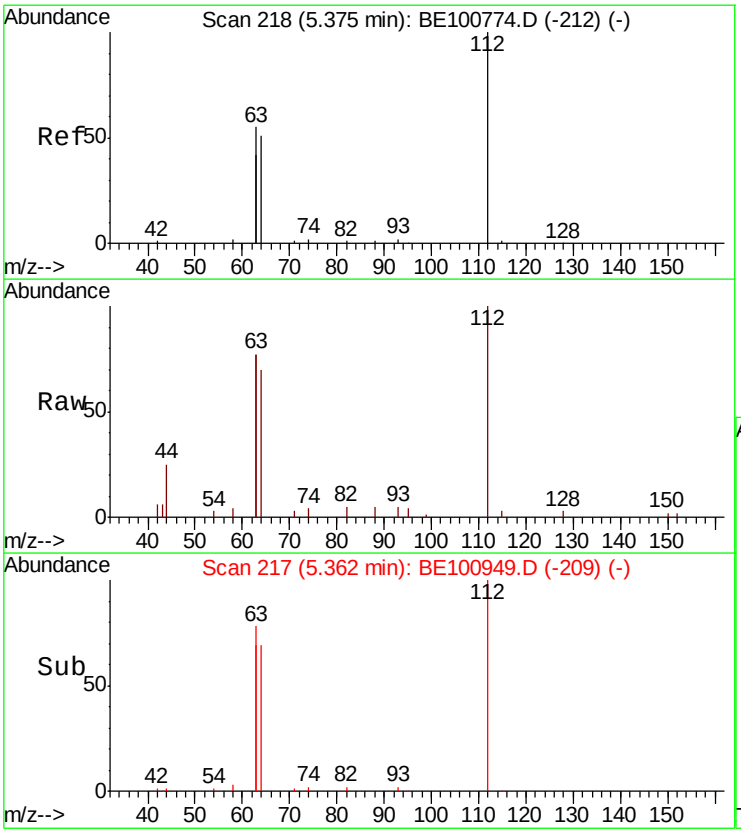
#3
n-Nitrosodimethylamine
Concen: 0.492 ng
RT: 3.65 min Scan# 68
Delta R.T. -0.00 min
Lab File: BE100949.D
Acq: 17 Dec 2019 14:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 3443

Ion	Ratio	Lower	Upper
42	100		
74	118.7	90.3	135.5
44	7.4	9.0	13.4#

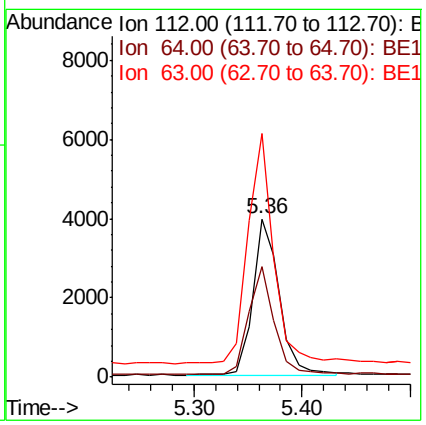


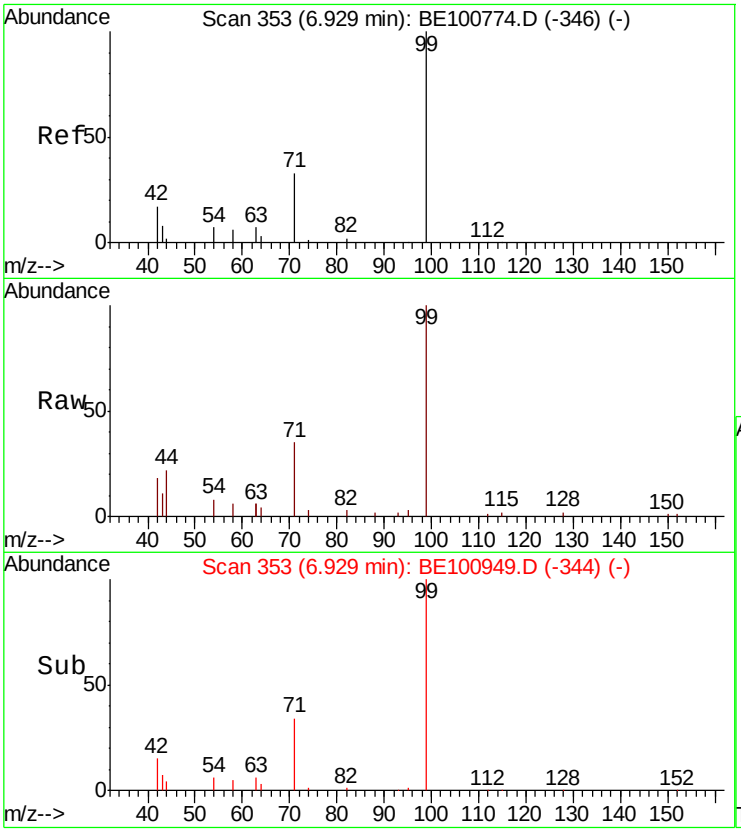


#4
2-Fluorophenol
Concen: 0.596 ng
RT: 5.36 min Scan# 217
Delta R.T. -0.01 min
Lab File: BE100949.D
Acq: 17 Dec 2019 14:17

Tgt Ion:112 Resp: 6669

Ion	Ratio	Lower	Upper
112	100		
64	67.0	54.5	81.7
63	141.6	116.1	174.1



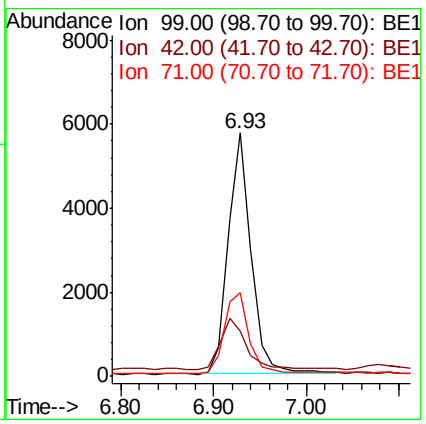


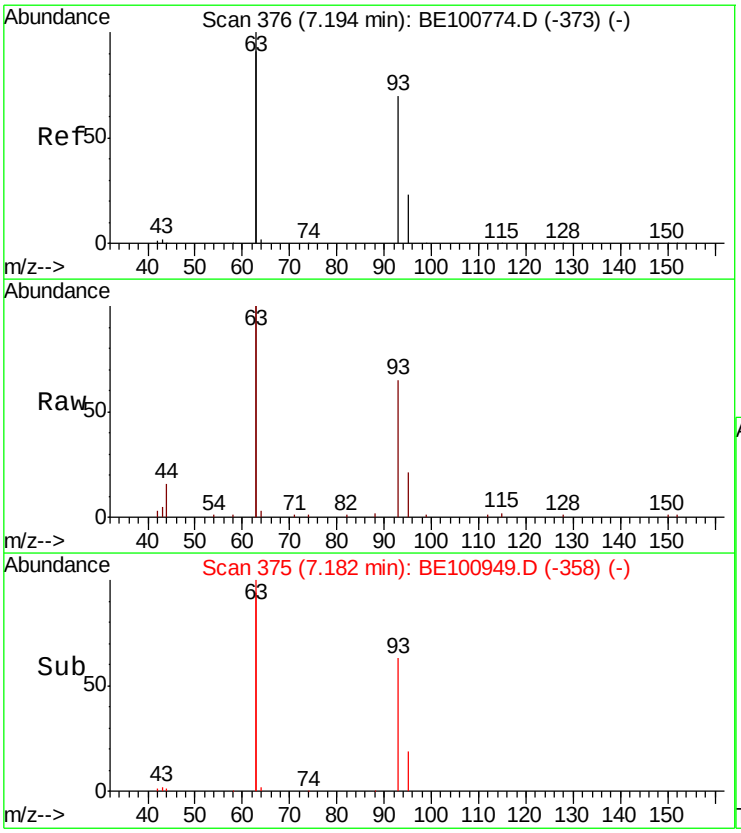
#5
Phenol-d6
Concen: 0.589 ng
RT: 6.93 min Scan# 353
Delta R.T. -0.00 min
Lab File: BE100949.D
Acq: 17 Dec 2019 14:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 9943

Ion	Ratio	Lower	Upper
99	100		
42	23.2	18.2	27.2
71	36.0	29.1	43.7

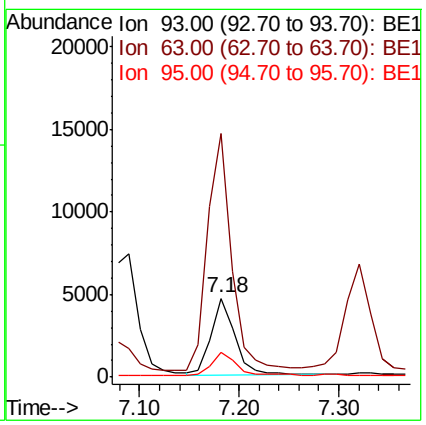


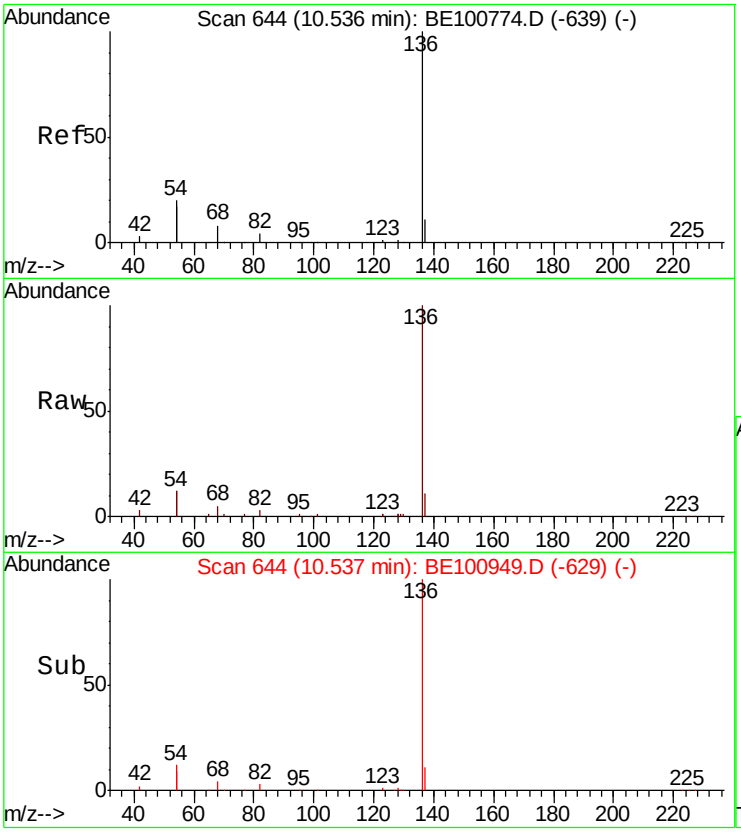


#6
bis(2-Chloroethyl)ether
Concen: 0.465 ng
RT: 7.18 min Scan# 375
Delta R.T. -0.00 min
Lab File: BE100949.D
Acq: 17 Dec 2019 14:17

Tgt Ion: 93 Resp: 7594

Ion	Ratio	Lower	Upper
93	100		
63	315.2	253.9	380.9
95	31.2	25.0	37.6



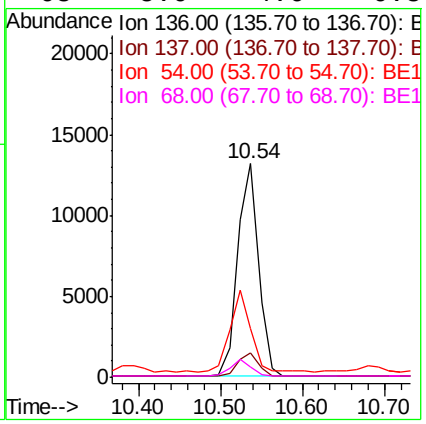


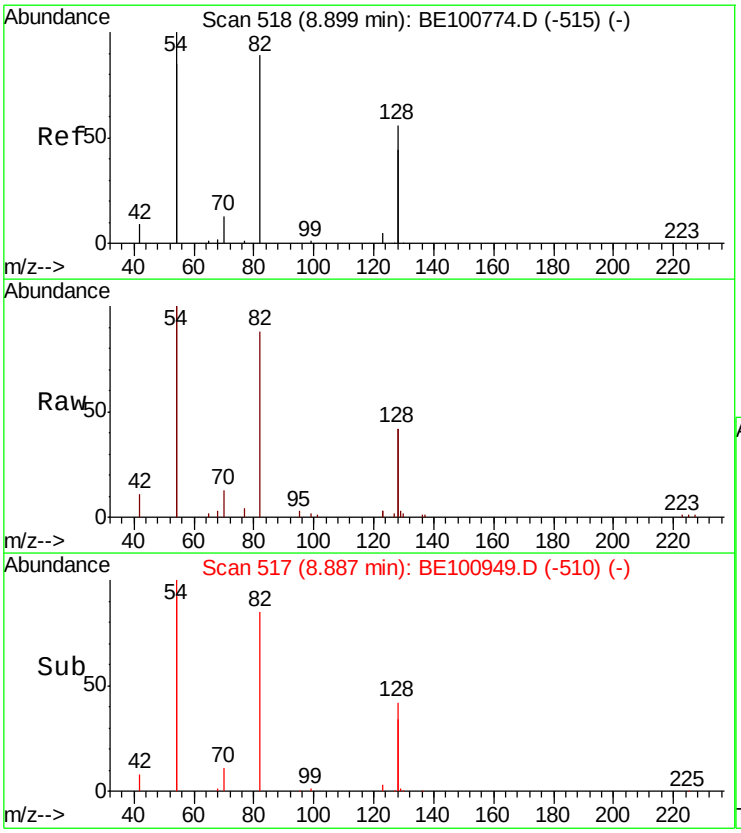
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.54 min Scan# 644
Delta R.T. -0.00 min
Lab File: BE100949.D
Acq: 17 Dec 2019 14:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 23264

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	23.0	18.9	28.3
68	5.0	4.6	6.8

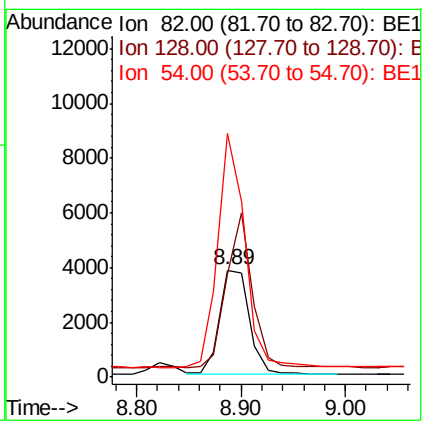


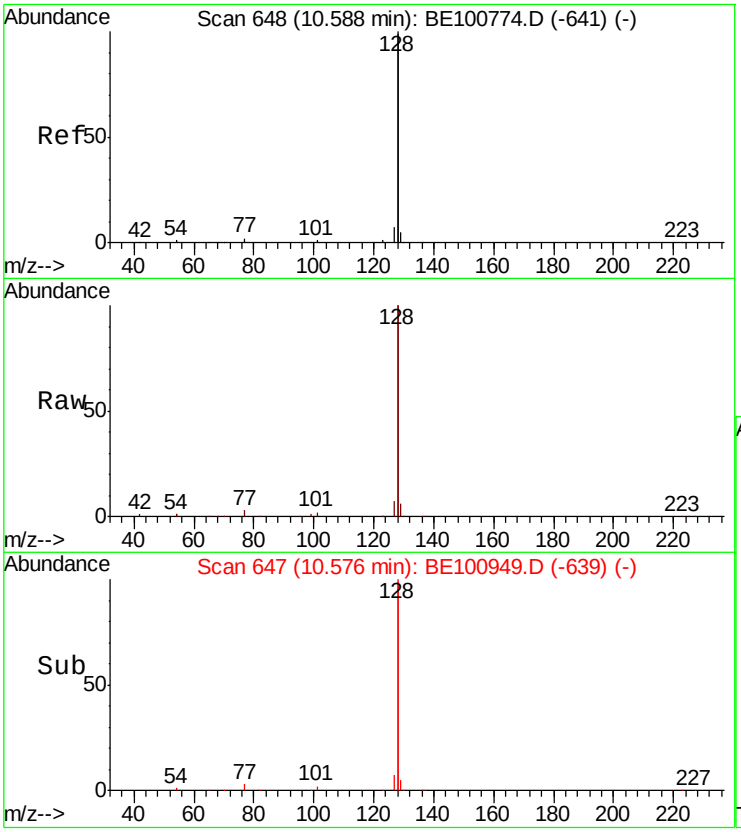


#8
Nitrobenzene-d5
Concen: 0.673 ng
RT: 8.89 min Scan# 517
Delta R.T. -0.01 min
Lab File: BE100949.D
Acq: 17 Dec 2019 14:17

Tgt Ion: 82 Resp: 7461

Ion	Ratio	Lower	Upper
82	100		
128	96.6	113.5	170.3#
54	227.4	138.9	208.3#



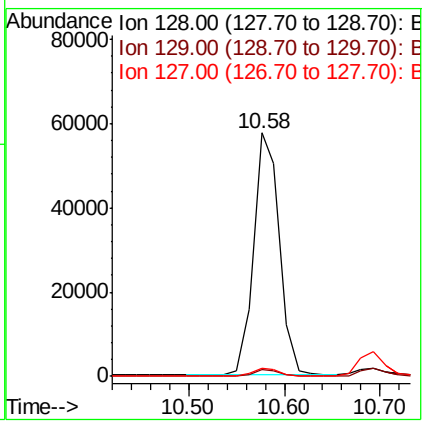


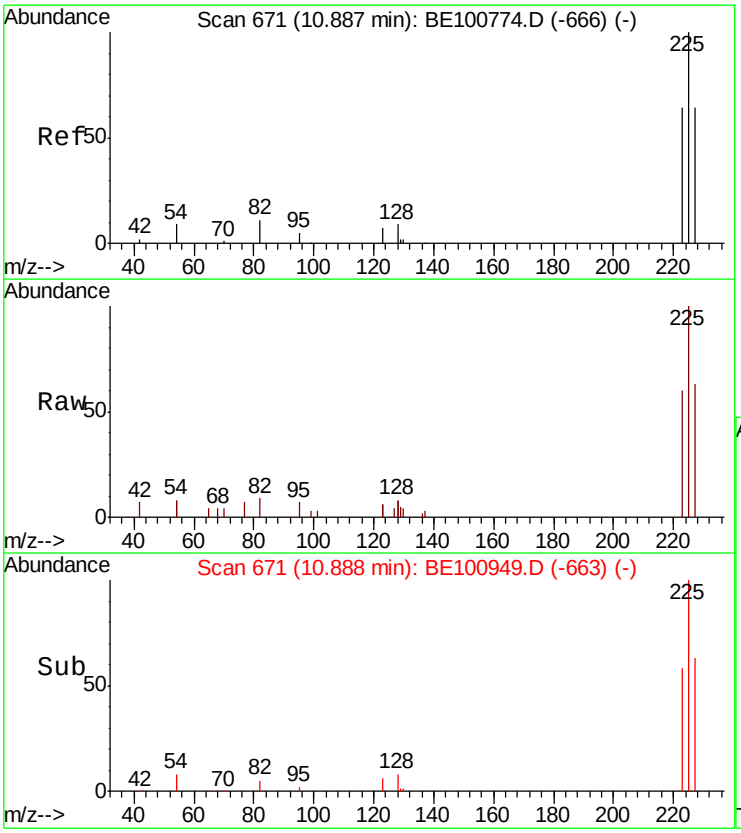
#9
Naphthalene
Concen: 0.434 ng
RT: 10.58 min Scan# 647
Delta R.T. -0.00 min
Lab File: BE100949.D
Acq: 17 Dec 2019 14:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 107221

Ion	Ratio	Lower	Upper
128	100		
129	2.8	2.2	3.4
127	3.4	2.8	4.2

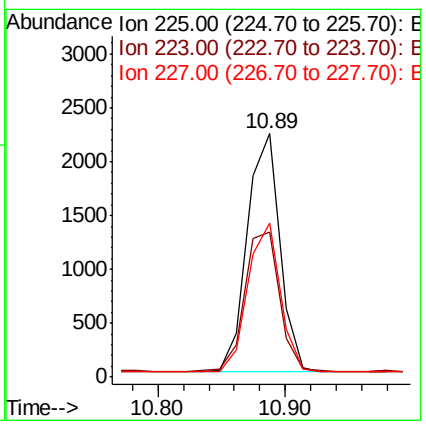


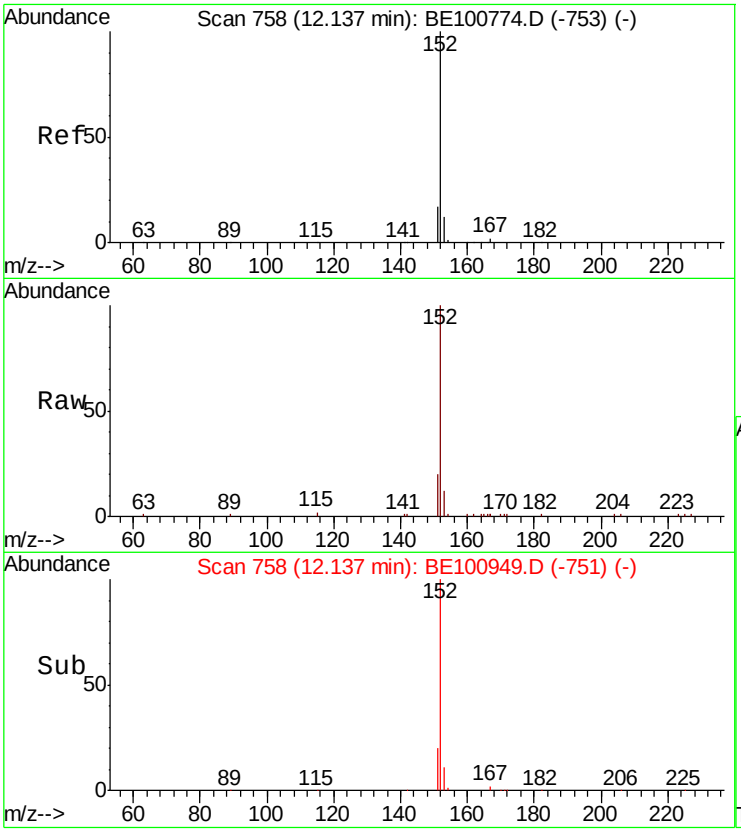


#10
Hexachlorobutadiene
Concen: 0.406 ng
RT: 10.89 min Scan# 671
Delta R.T. -0.00 min
Lab File: BE100949.D
Acq: 17 Dec 2019 14:17

Tgt Ion:225 Resp: 3916

Ion	Ratio	Lower	Upper
225	100		
223	62.1	52.1	78.1
227	62.3	51.1	76.7



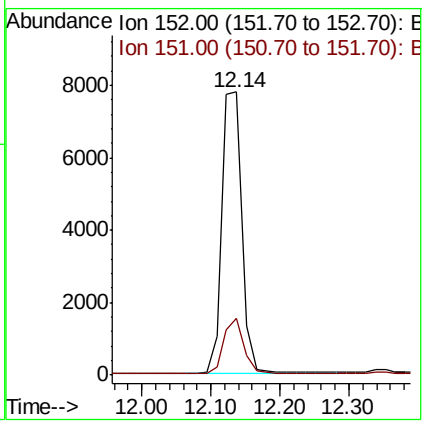


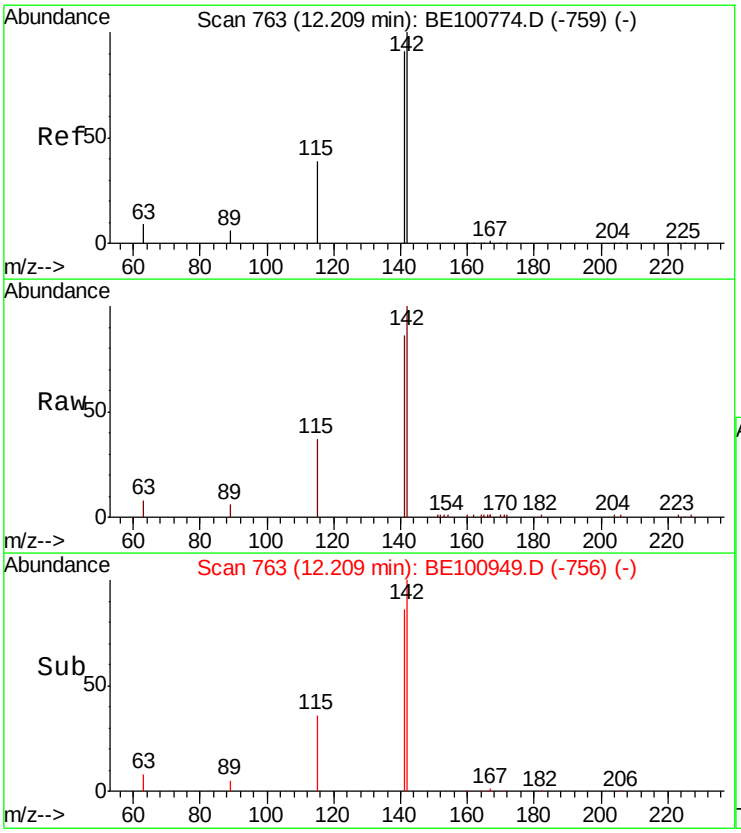
#11
2-Methylnaphthalene-d10
Concen: 0.464 ng
RT: 12.14 min Scan# 758
Delta R.T. -0.00 min
Lab File: BE100949.D
Acq: 17 Dec 2019 14:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 15629

Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.1	22.7

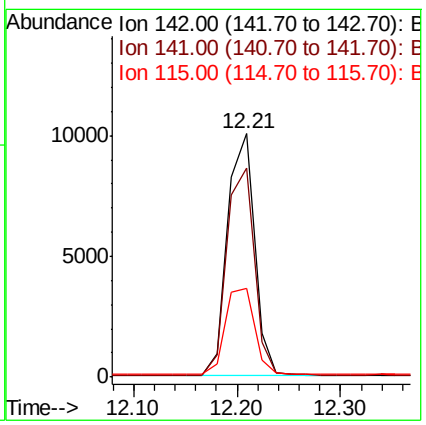


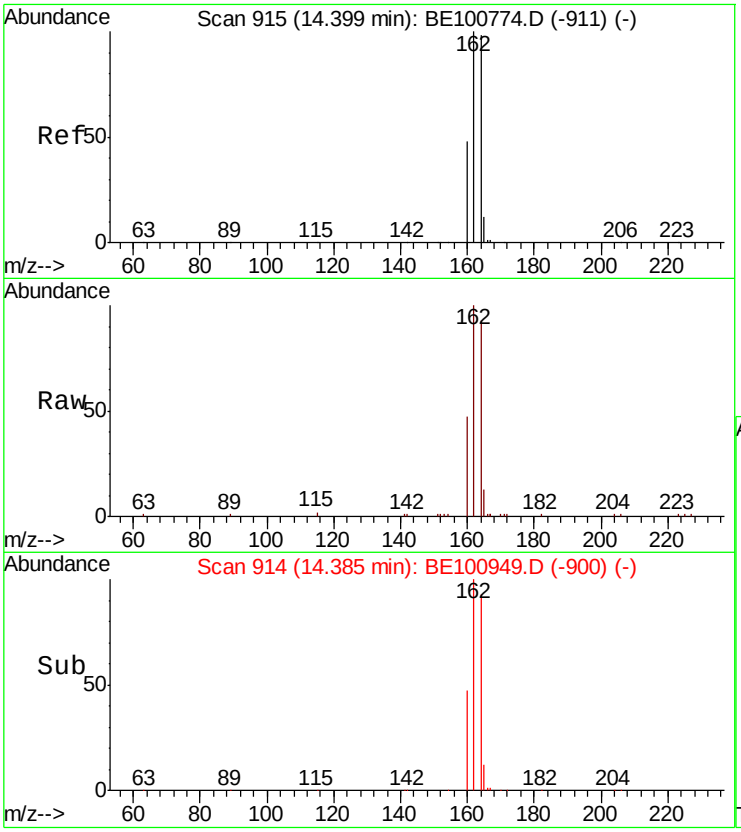


#12
2-Methylnaphthalene
Concen: 0.474 ng
RT: 12.21 min Scan# 763
Delta R.T. -0.00 min
Lab File: BE100949.D
Acq: 17 Dec 2019 14:17

Tgt Ion:142 Resp: 18306

Ion	Ratio	Lower	Upper
142	100		
141	85.6	68.9	103.3
115	36.5	29.5	44.3



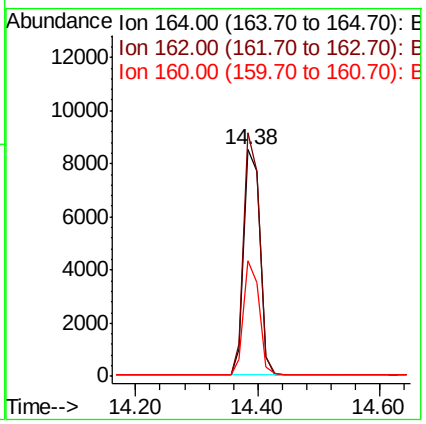


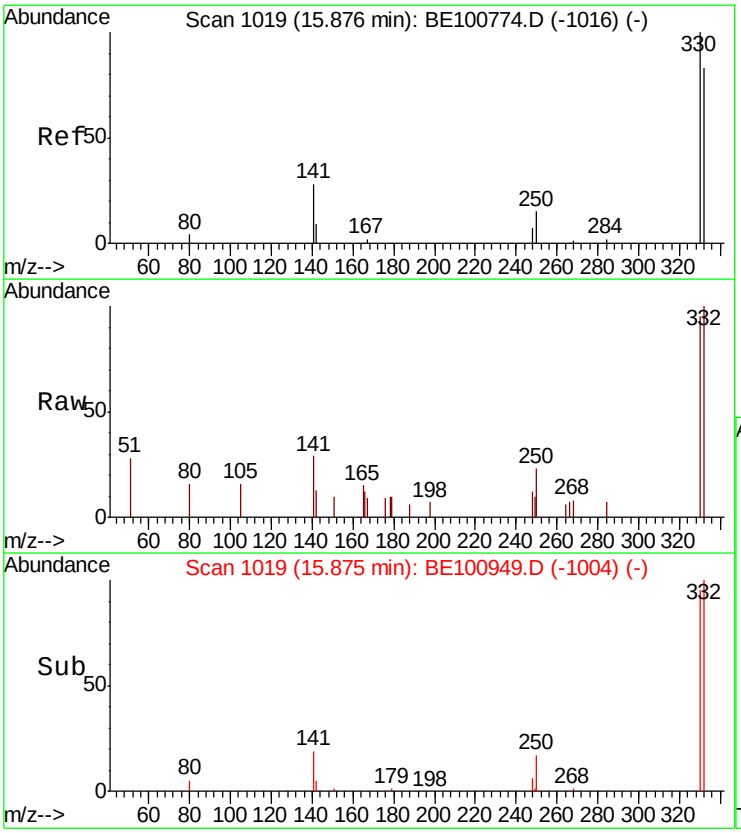
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.38 min Scan# 914
Delta R.T. -0.00 min
Lab File: BE100949.D
Acq: 17 Dec 2019 14:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 15435

Ion	Ratio	Lower	Upper
164	100		
162	107.5	86.0	129.0
160	51.0	42.3	63.5

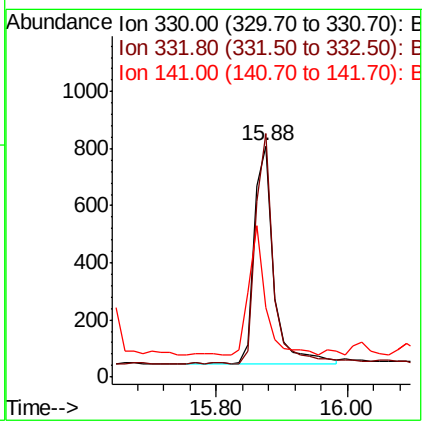


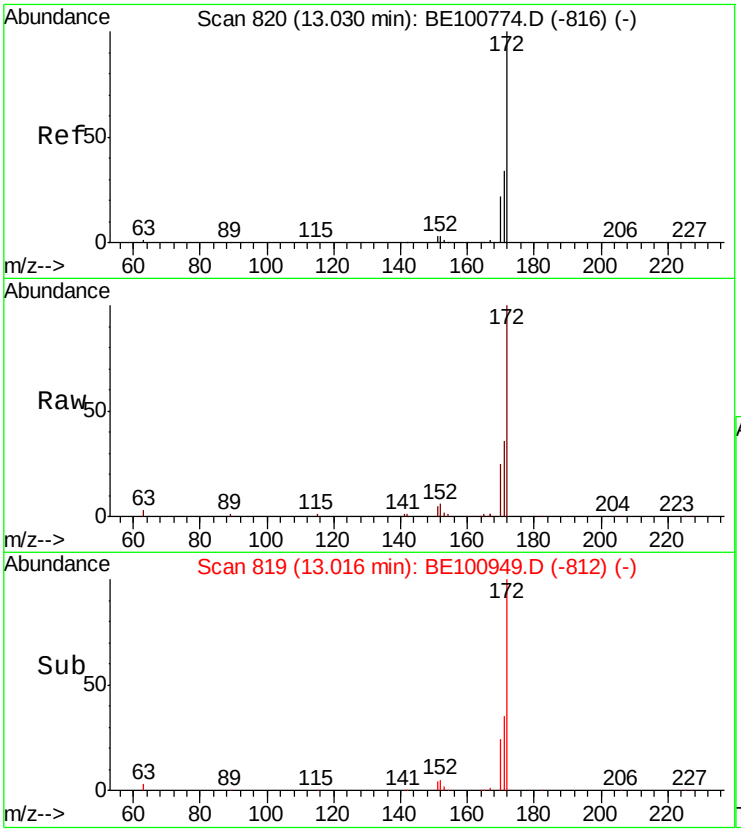


#14
2,4,6-Tribromophenol
Concen: 0.906 ng
RT: 15.88 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BE100949.D
Acq: 17 Dec 2019 14:17

Tgt Ion:330 Resp: 1555

Ion	Ratio	Lower	Upper
330	100		
332	99.4	74.1	111.1
141	51.5	46.7	70.1



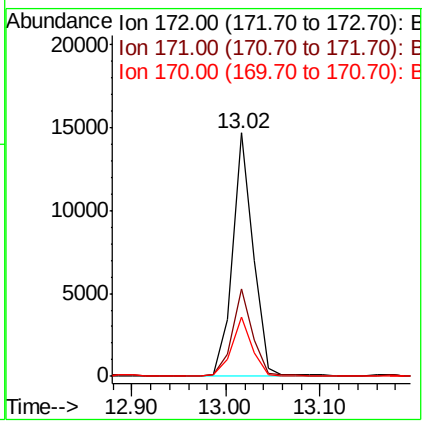


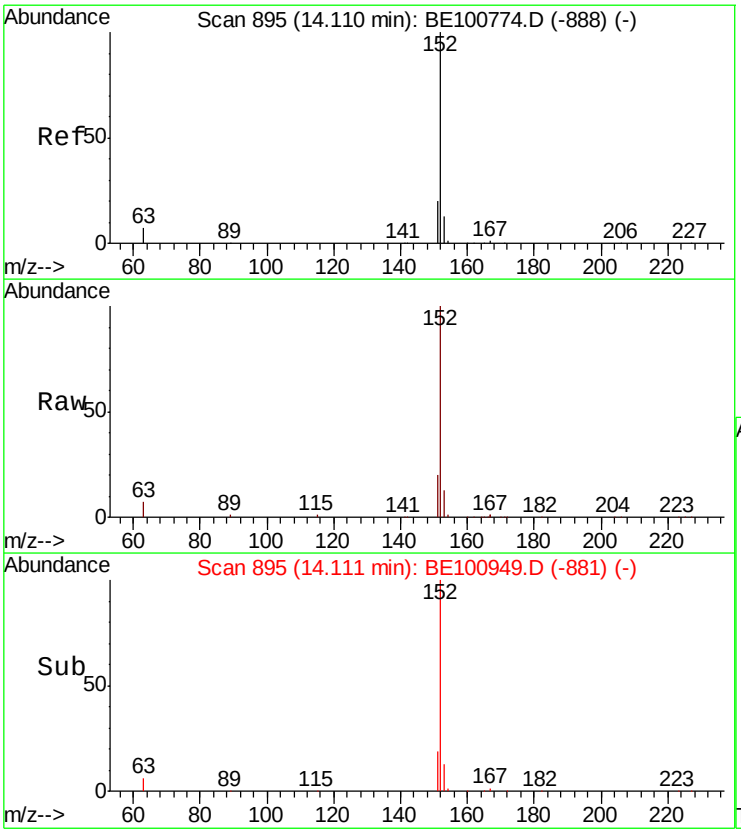
#15
2-Fluorobiphenyl
Concen: 0.360 ng
RT: 13.02 min Scan# 819
Delta R.T. -0.00 min
Lab File: BE100949.D
Acq: 17 Dec 2019 14:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 22020

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.2	42.4
170	24.6	19.4	29.0

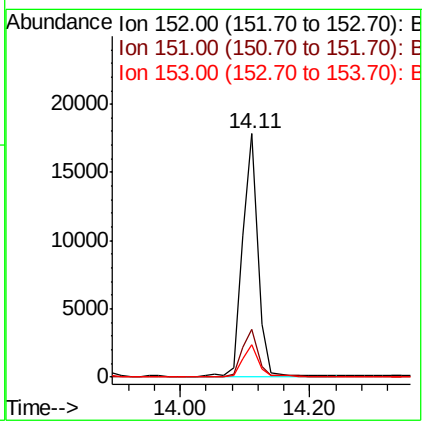


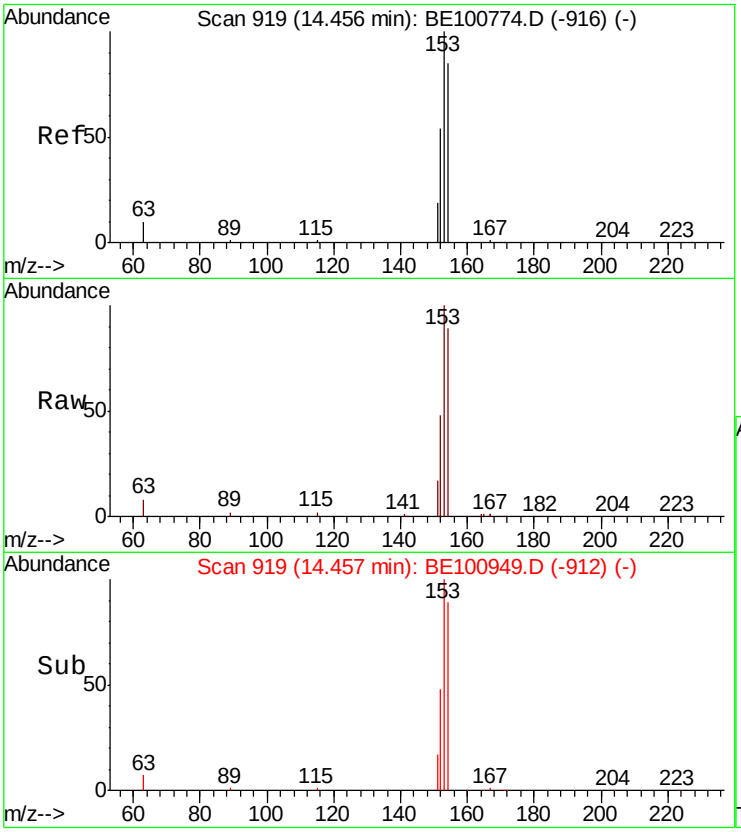


#16
Acenaphthylene
Concen: 0.453 ng
RT: 14.11 min Scan# 895
Delta R.T. -0.00 min
Lab File: BE100949.D
Acq: 17 Dec 2019 14:17

Tgt Ion:152 Resp: 28900

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.9	23.9
153	13.1	10.5	15.7



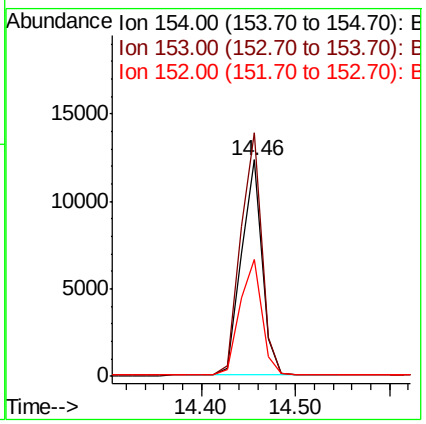


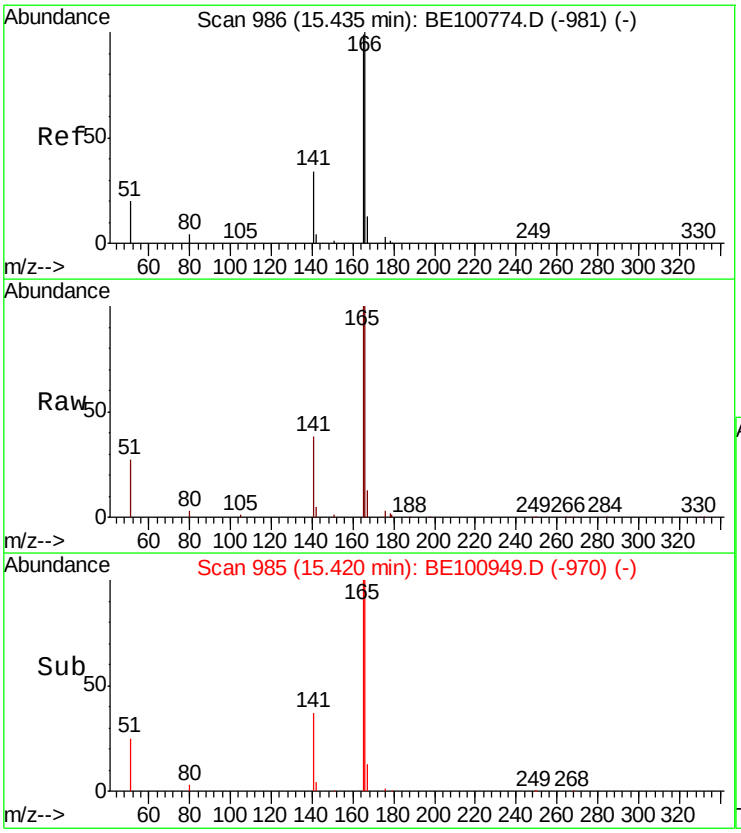
#17
Acenaphthene
Concen: 0.431 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE100949.D
Acq: 17 Dec 2019 14:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 18972

Ion	Ratio	Lower	Upper
154	100		
153	115.1	91.5	137.3
152	57.0	47.7	71.5

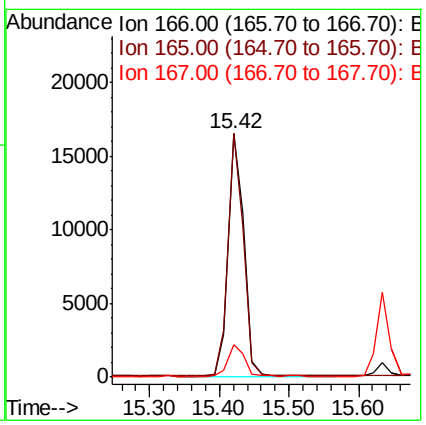


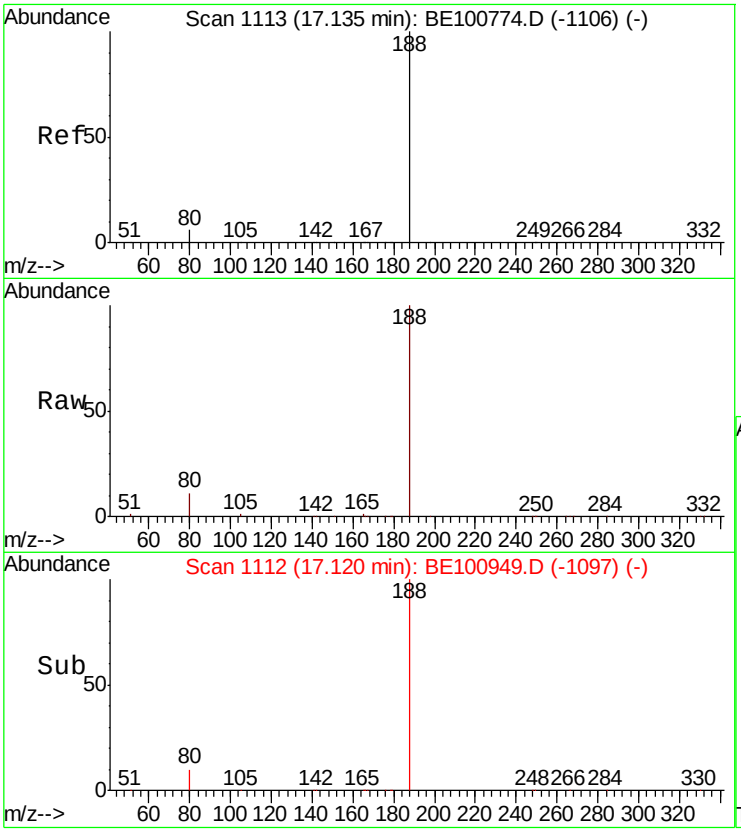


#18
Fluorene
Concen: 0.449 ng
RT: 15.42 min Scan# 985
Delta R.T. -0.00 min
Lab File: BE100949.D
Acq: 17 Dec 2019 14:17

Tgt Ion:166 Resp: 25479

Ion	Ratio	Lower	Upper
166	100		
165	97.6	80.2	120.4
167	13.3	10.6	16.0



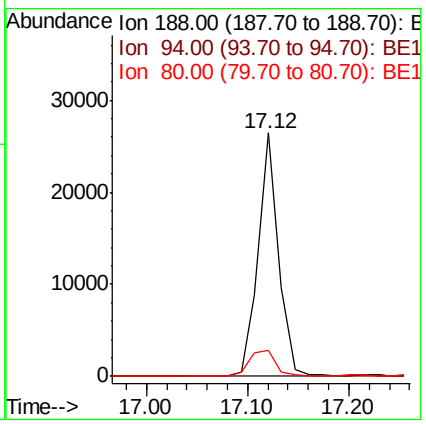


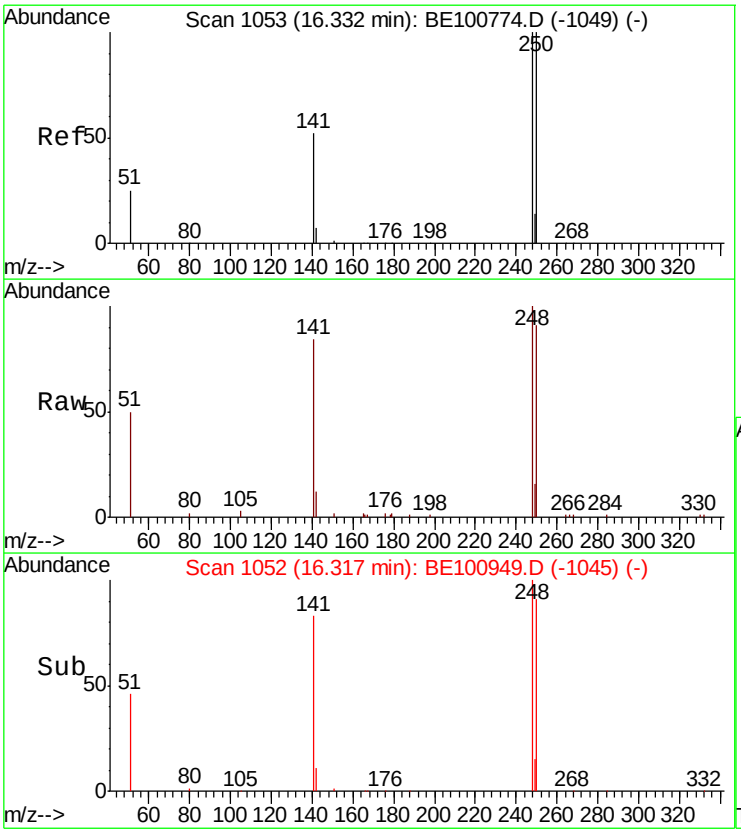
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.12 min Scan# 1112
Delta R.T. -0.00 min
Lab File: BE100949.D
Acq: 17 Dec 2019 14:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 37041

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.6	7.9	11.9

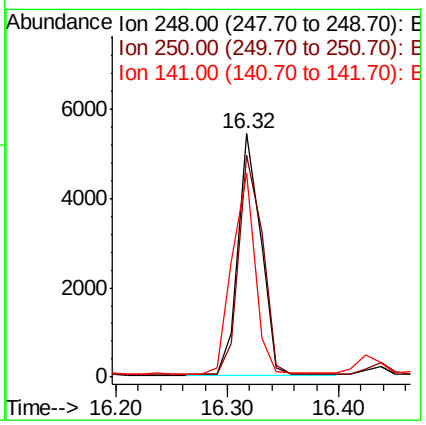


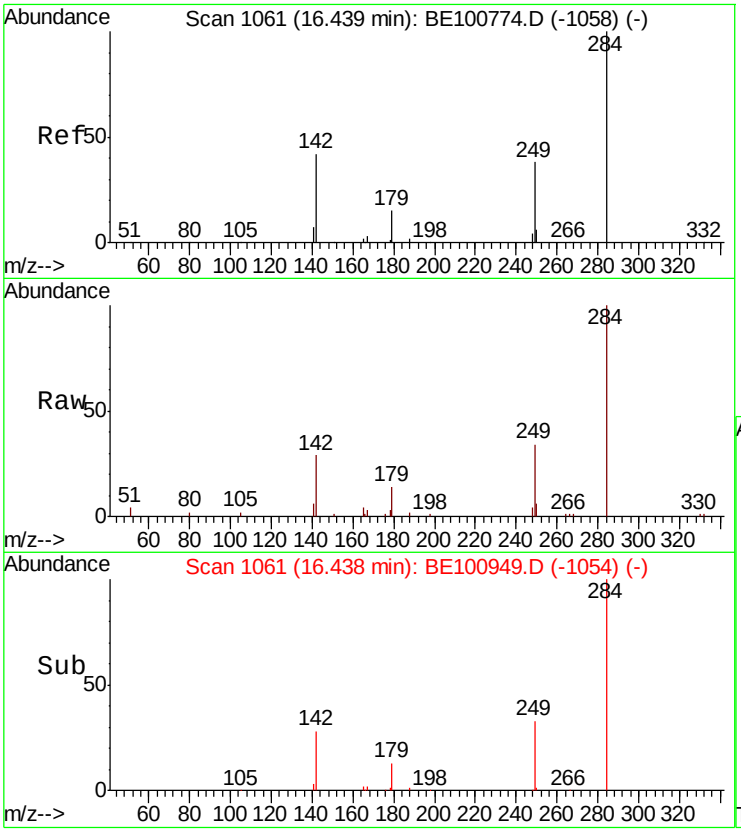


#20
4-Bromophenyl-phenylether
Concen: 0.419 ng
RT: 16.32 min Scan# 1052
Delta R.T. -0.00 min
Lab File: BE100949.D
Acq: 17 Dec 2019 14:17

Tgt Ion:248 Resp: 7610

Ion	Ratio	Lower	Upper
248	100		
250	90.9	72.4	108.6
141	83.6	68.2	102.2



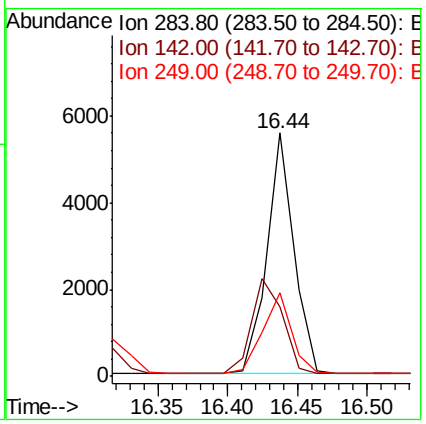


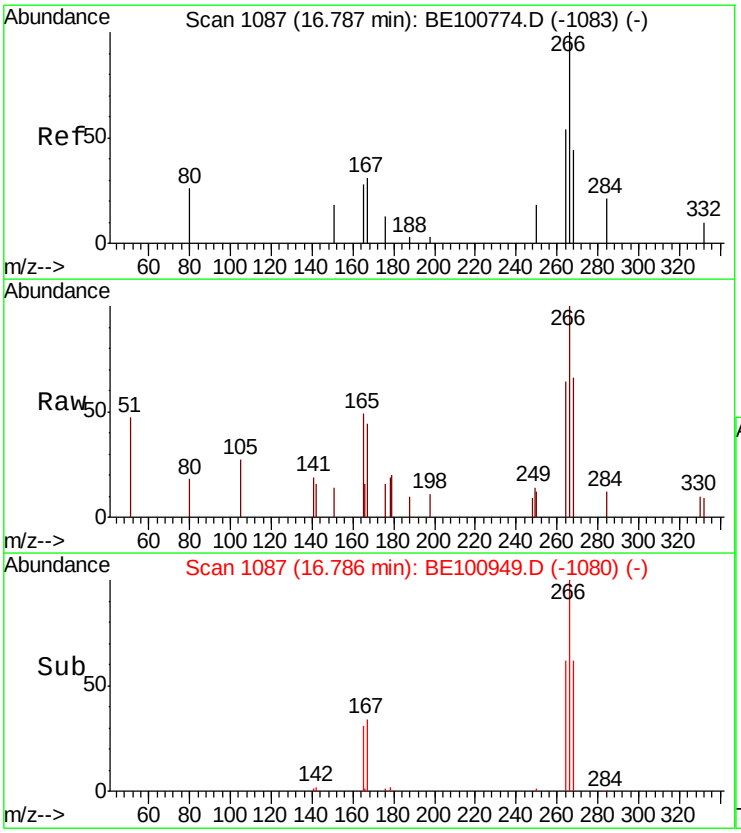
#21
Hexachlorobenzene
Concen: 0.382 ng
RT: 16.44 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BE100949.D
Acq: 17 Dec 2019 14:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 7551

Ion	Ratio	Lower	Upper
284	100		
142	44.6	35.0	52.4
249	35.2	28.1	42.1

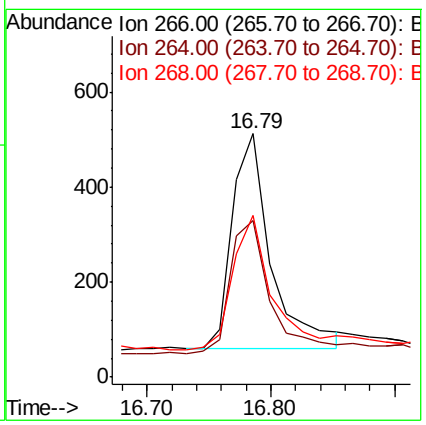


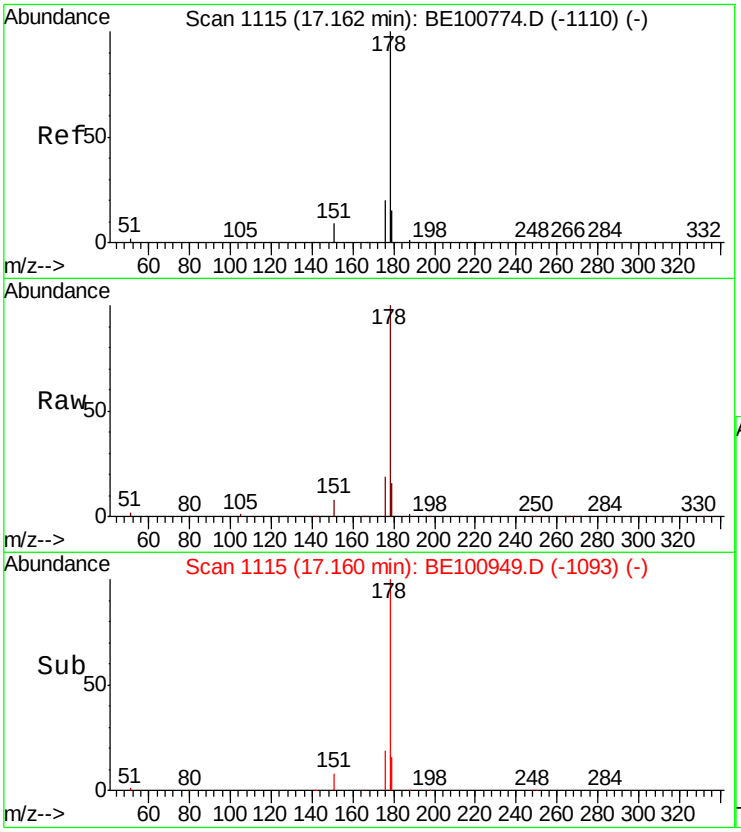


#22
Pentachlorophenol
Concen: 0.723 ng
RT: 16.79 min Scan# 1087
Delta R.T. -0.00 min
Lab File: BE100949.D
Acq: 17 Dec 2019 14:17

Tgt Ion:266 Resp: 987

Ion	Ratio	Lower	Upper
266	100		
264	64.5	55.1	82.7
268	66.2	50.7	76.1



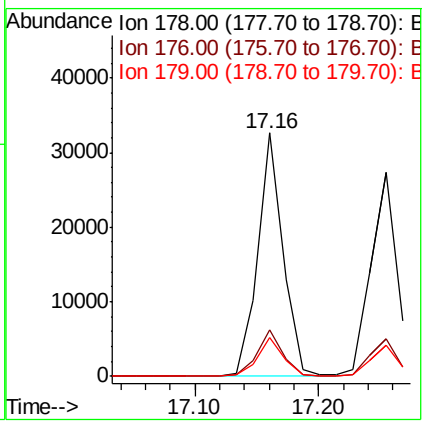


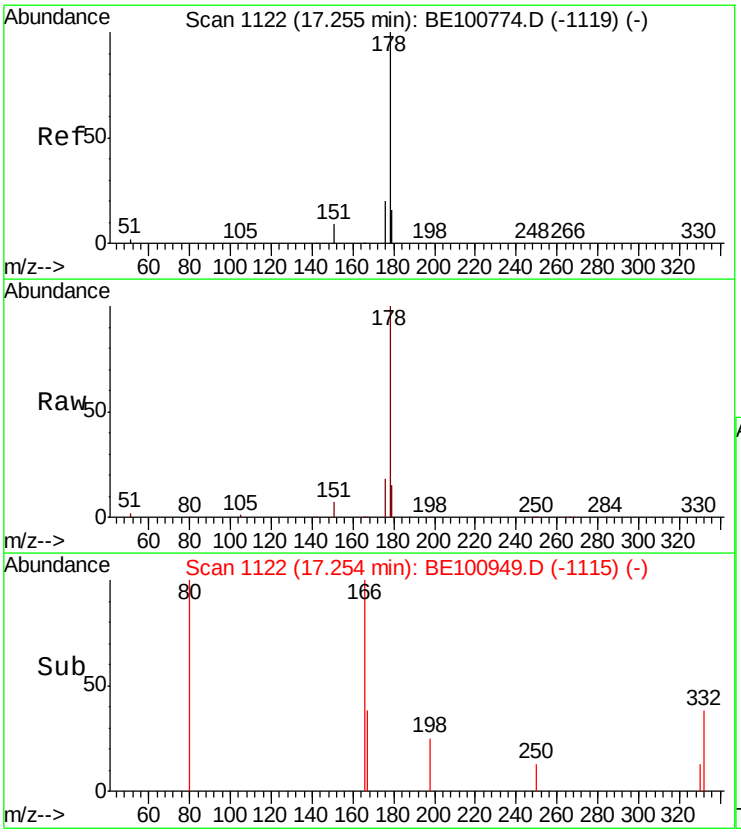
#23
Phenanthrene
Concen: 0.407 ng
RT: 17.16 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BE100949.D
Acq: 17 Dec 2019 14:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 45711

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.6	23.4
179	15.7	11.9	17.9

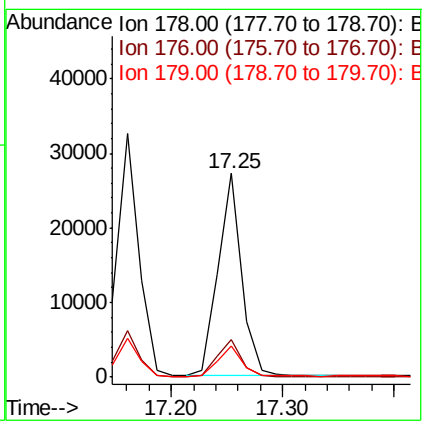


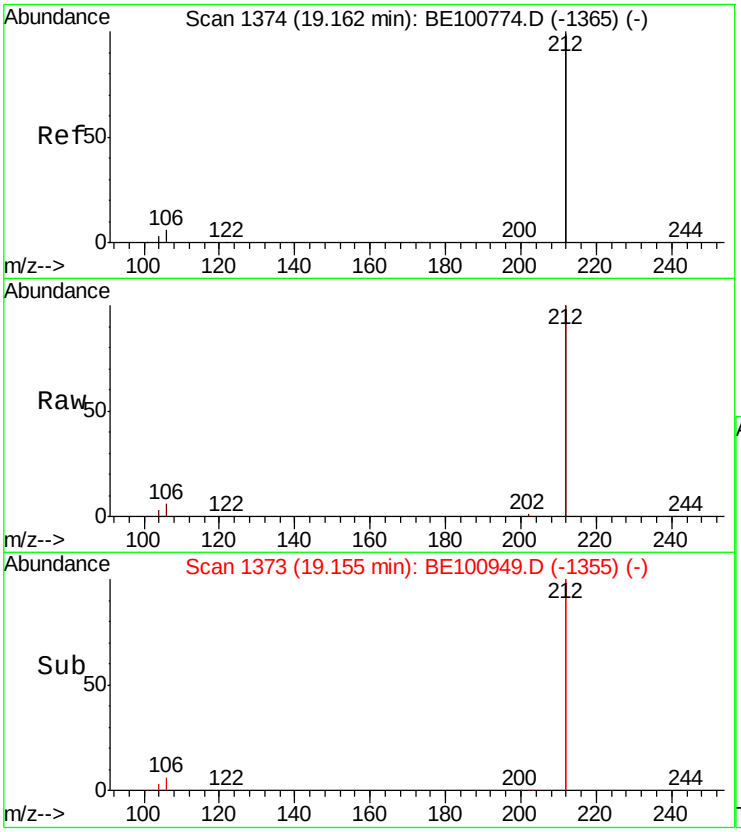


#24
Anthracene
Concen: 0.428 ng
RT: 17.25 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BE100949.D
Acq: 17 Dec 2019 14:17

Tgt Ion:178 Resp: 40139

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.7	22.1
179	15.3	12.2	18.4



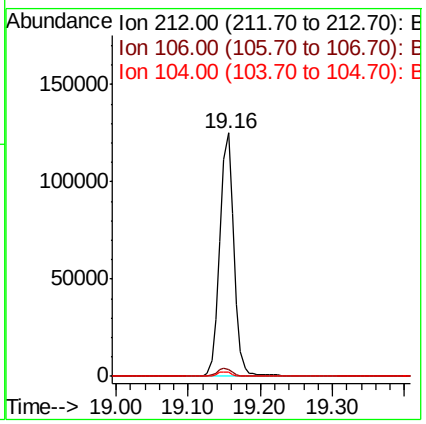


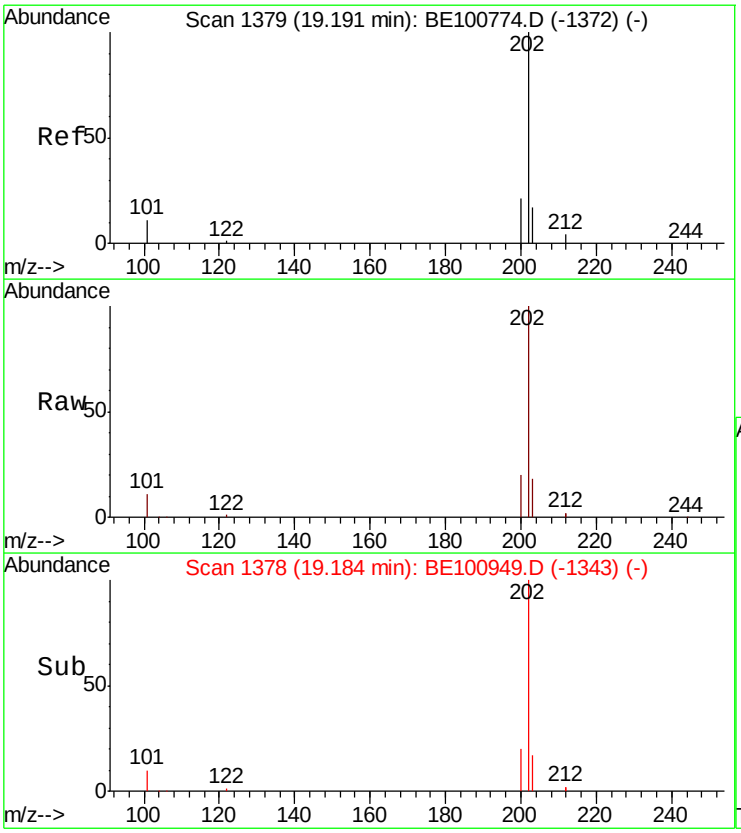
#25
Fluoranthene-d10
Concen: 0.384 ng
RT: 19.16 min Scan# 1373
Delta R.T. 0.01 min
Lab File: BE100949.D
Acq: 17 Dec 2019 14:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 168254

Ion	Ratio	Lower	Upper
212	100		
106	3.5	2.6	4.0
104	1.9	1.4	2.2

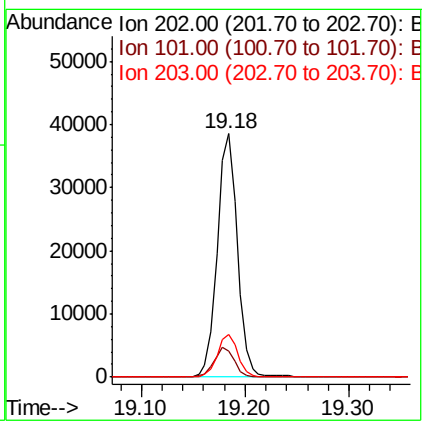


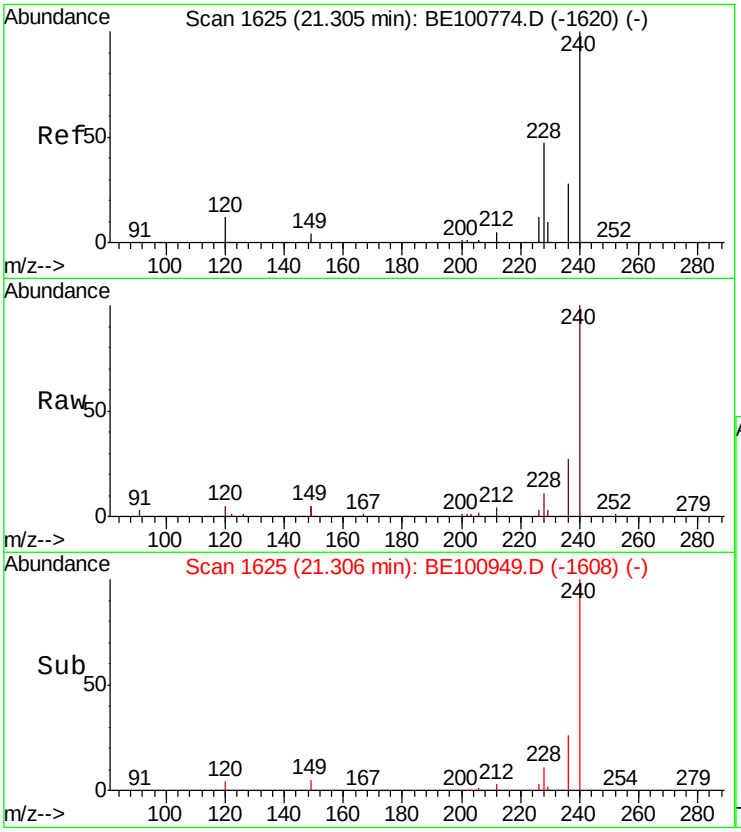


#26
Fluoranthene
Concen: 0.383 ng
RT: 19.18 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BE100949.D
Acq: 17 Dec 2019 14:17

Tgt Ion:202 Resp: 51326

Ion	Ratio	Lower	Upper
202	100		
101	12.2	9.4	14.0
203	17.3	13.7	20.5



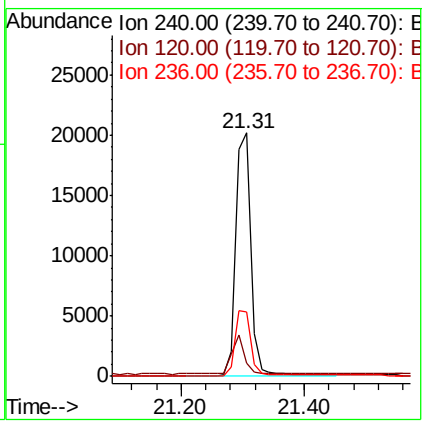


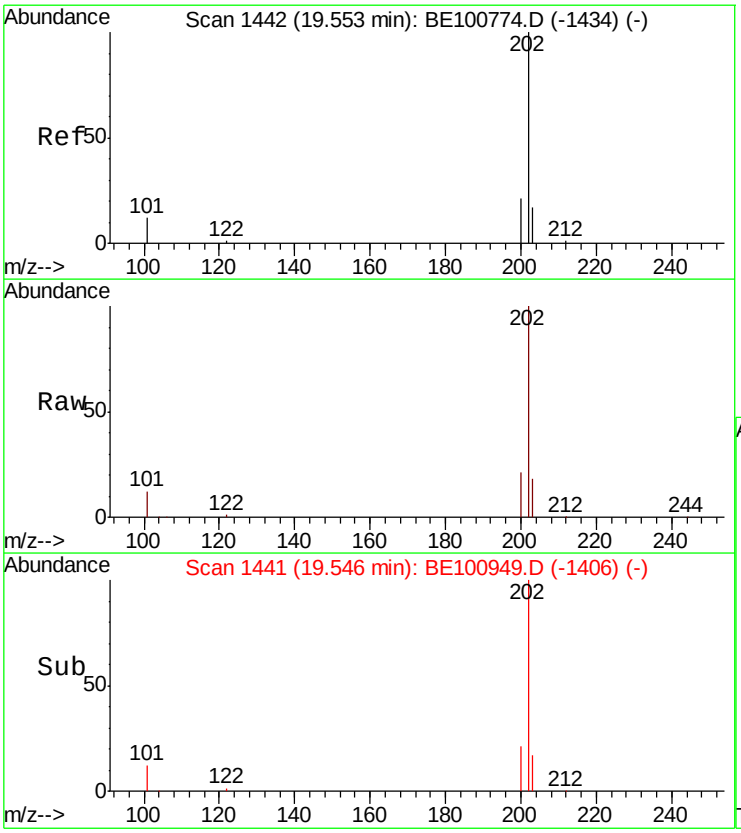
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.31 min Scan# 1625
Delta R.T. 0.00 min
Lab File: BE100949.D
Acq: 17 Dec 2019 14:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 33273

Ion	Ratio	Lower	Upper
240	100		
120	5.2	4.0	6.0
236	26.5	21.6	32.4

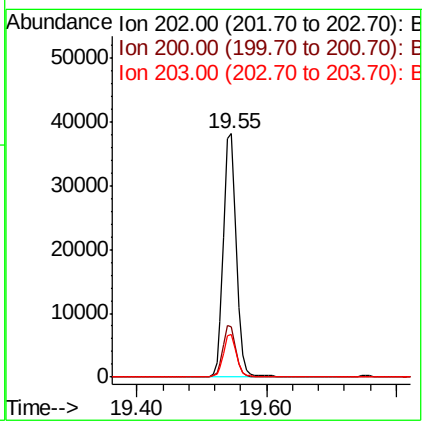


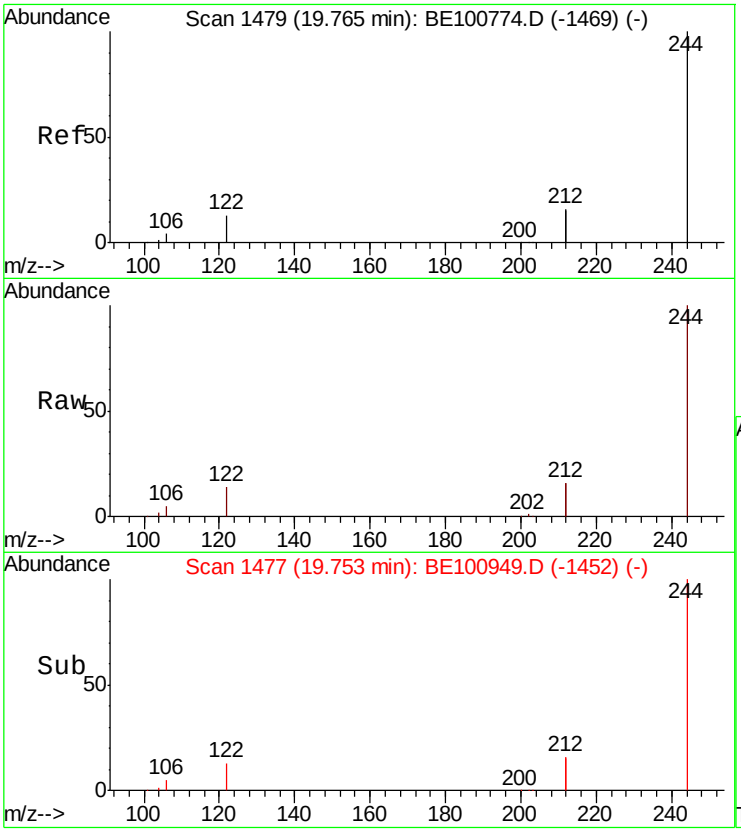


#28
Pyrene
Concen: 0.481 ng
RT: 19.55 min Scan# 1441
Delta R.T. -0.00 min
Lab File: BE100949.D
Acq: 17 Dec 2019 14:17

Tgt Ion:202 Resp: 52016

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.0	25.4
203	17.6	13.8	20.8



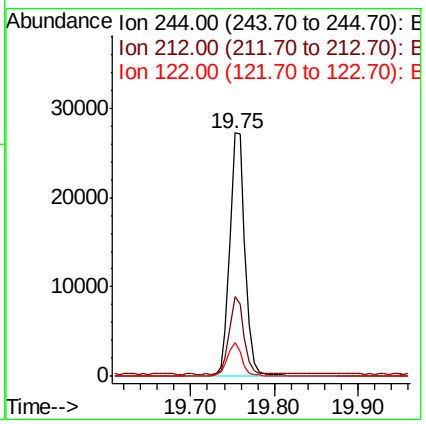


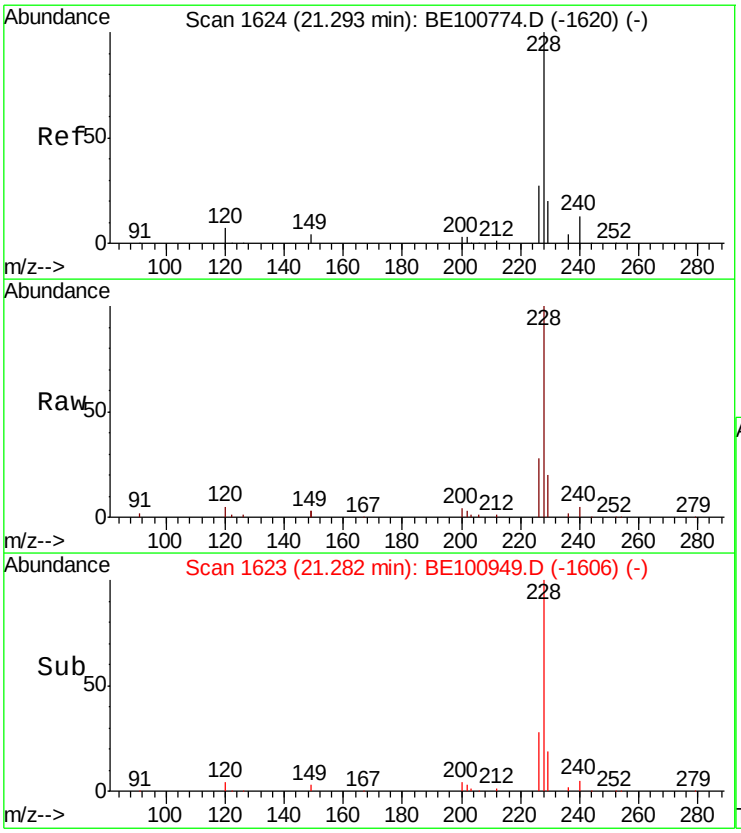
#29
Terphenyl-d14
Concen: 0.429 ng
RT: 19.75 min Scan# 1477
Delta R.T. -0.01 min
Lab File: BE100949.D
Acq: 17 Dec 2019 14:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 34210

Ion	Ratio	Lower	Upper
244	100		
212	32.5	25.2	37.8
122	13.6	8.9	13.3#

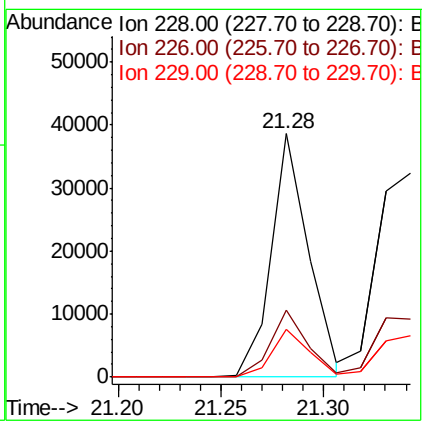


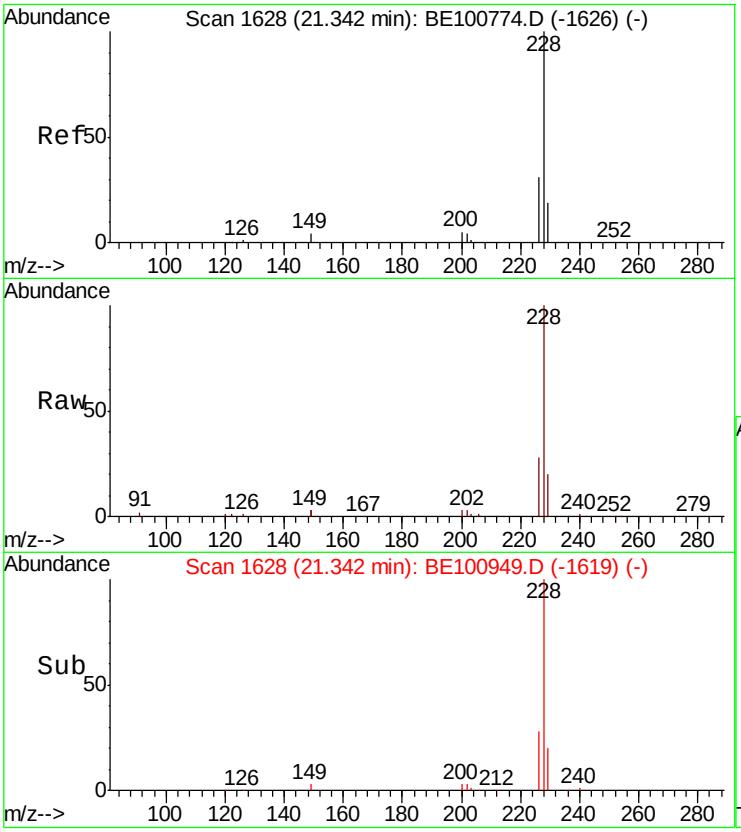


#30
Benzo(a)anthracene
Concen: 0.500 ng
RT: 21.28 min Scan# 1623
Delta R.T. 0.00 min
Lab File: BE100949.D
Acq: 17 Dec 2019 14:17

Tgt Ion:228 Resp: 49031

Ion	Ratio	Lower	Upper
228	100		
226	27.7	21.4	32.0
229	19.7	15.8	23.6



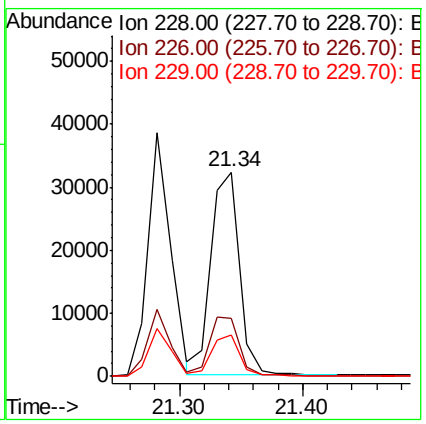


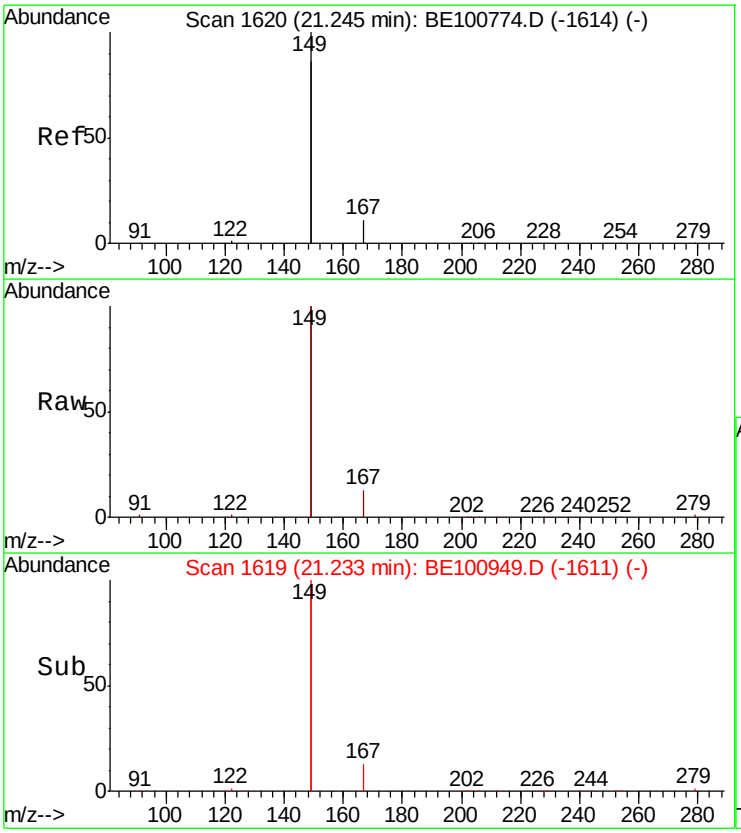
#31
Chrysene
Concen: 0.450 ng
RT: 21.34 min Scan# 1628
Delta R.T. 0.01 min
Lab File: BE100949.D
Acq: 17 Dec 2019 14:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 51860

Ion	Ratio	Lower	Upper
228	100		
226	28.4	25.3	37.9
229	20.0	15.2	22.8

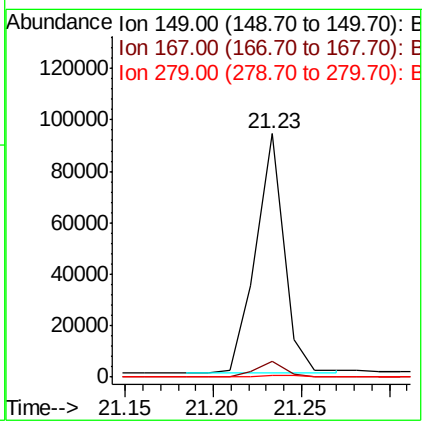


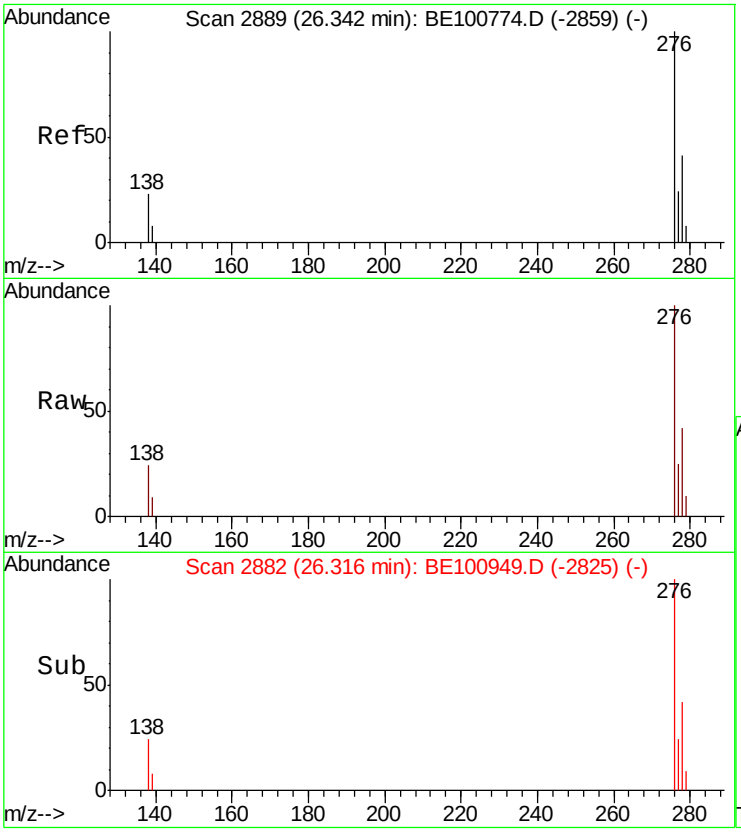


#32
Bis(2-ethylhexyl)phthalate
Concen: 1.276 ng
RT: 21.23 min Scan# 1619
Delta R.T. 0.00 min
Lab File: BE100949.D
Acq: 17 Dec 2019 14:17

Tgt Ion:149 Resp: 102736

Ion	Ratio	Lower	Upper
149	100		
167	6.6	5.0	7.4
279	0.8	0.6	1.0



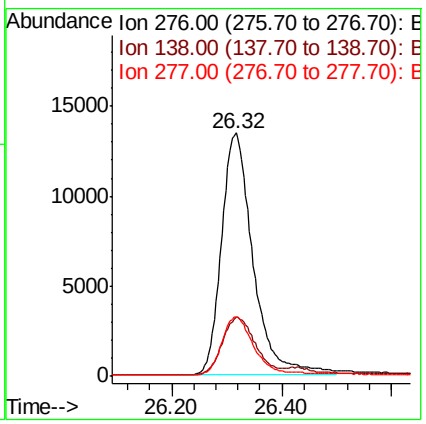


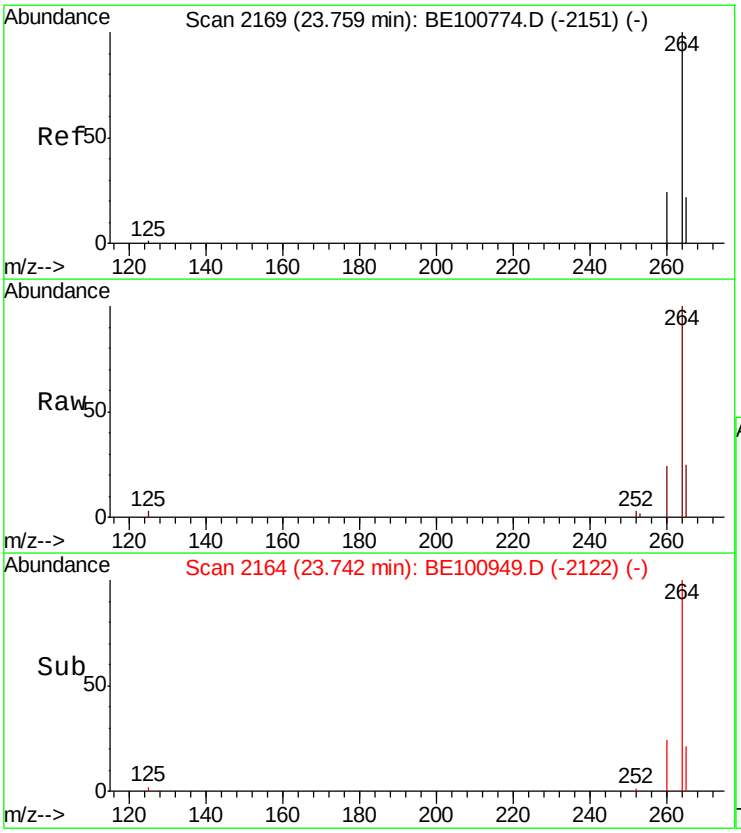
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.537 ng
RT: 26.32 min Scan# 2882
Delta R.T. 0.00 min
Lab File: BE100949.D
Acq: 17 Dec 2019 14:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 53869

Ion	Ratio	Lower	Upper
276	100		
138	24.5	18.4	27.6
277	24.5	19.4	29.2

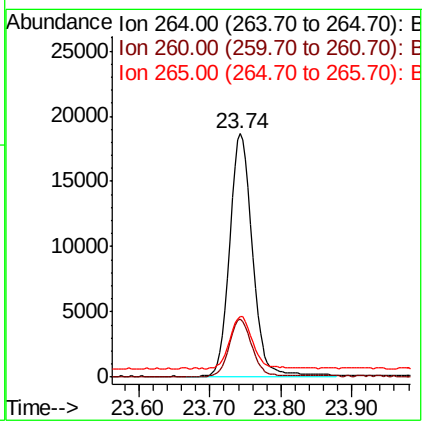


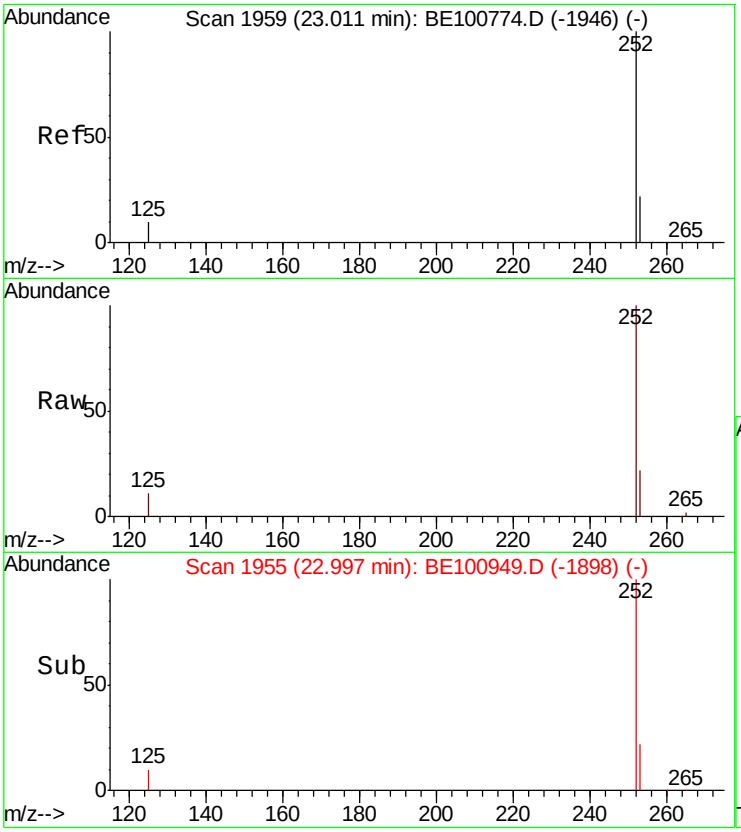


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.74 min Scan# 2164
Delta R.T. 0.00 min
Lab File: BE100949.D
Acq: 17 Dec 2019 14:17

Tgt Ion:264 Resp: 41090

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.0
265	24.9	20.1	30.1



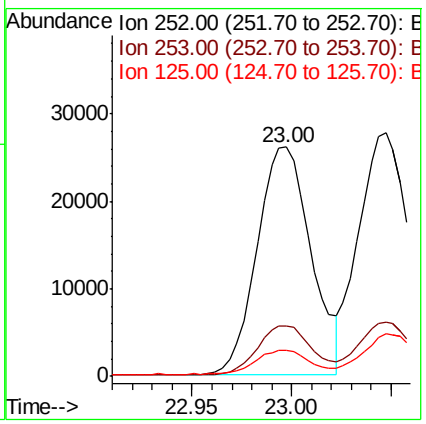


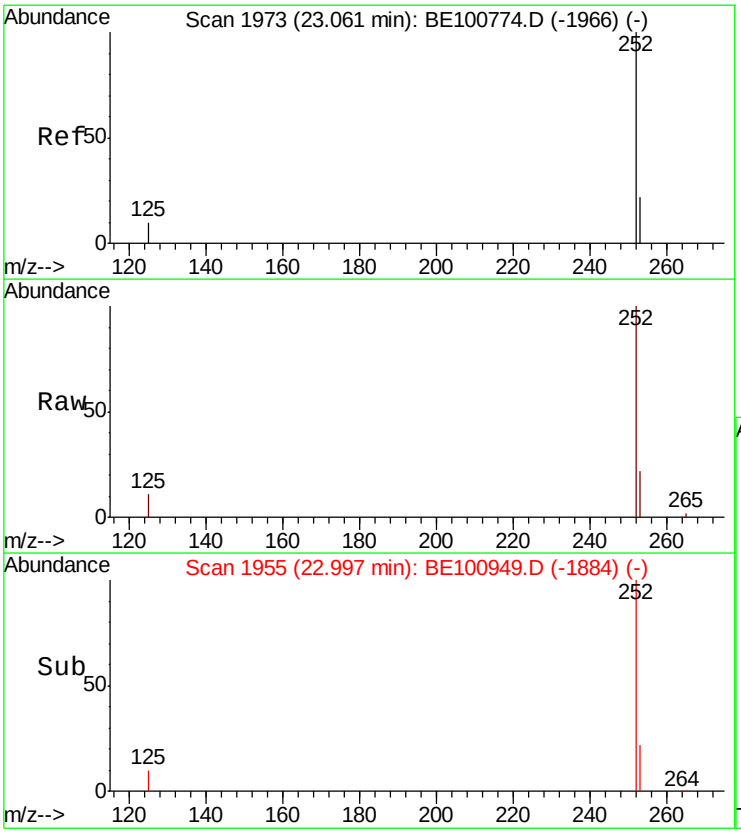
#35
Benzo(b)fluoranthene
Concen: 0.437 ng
RT: 23.00 min Scan# 1955
Delta R.T. 0.00 min
Lab File: BE100949.D
Acq: 17 Dec 2019 14:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 49129

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	11.1	8.3	12.5

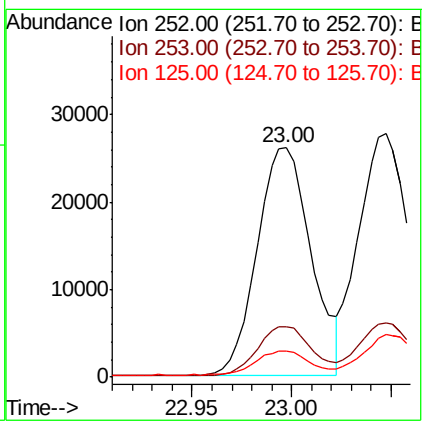


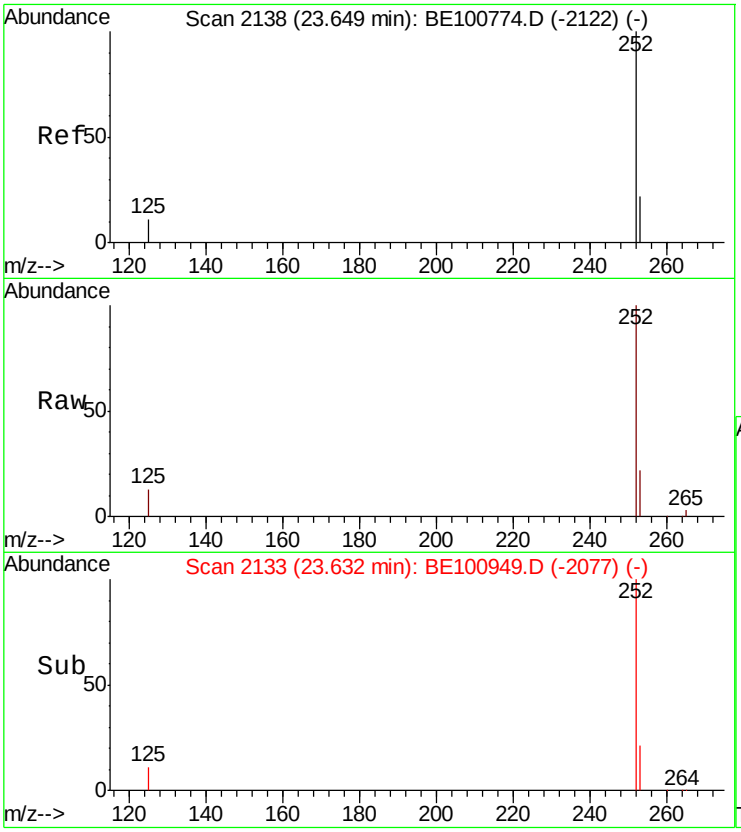


#36
Benzo(k)fluoranthene
Concen: 0.389 ng
RT: 23.00 min Scan# 1955
Delta R.T. -0.05 min
Lab File: BE100949.D
Acq: 17 Dec 2019 14:17

Tgt Ion:252 Resp: 49129

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	11.1	9.4	14.0



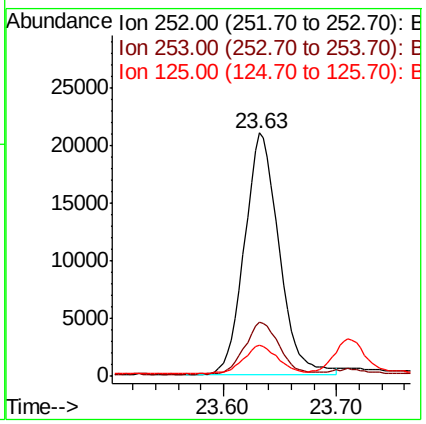


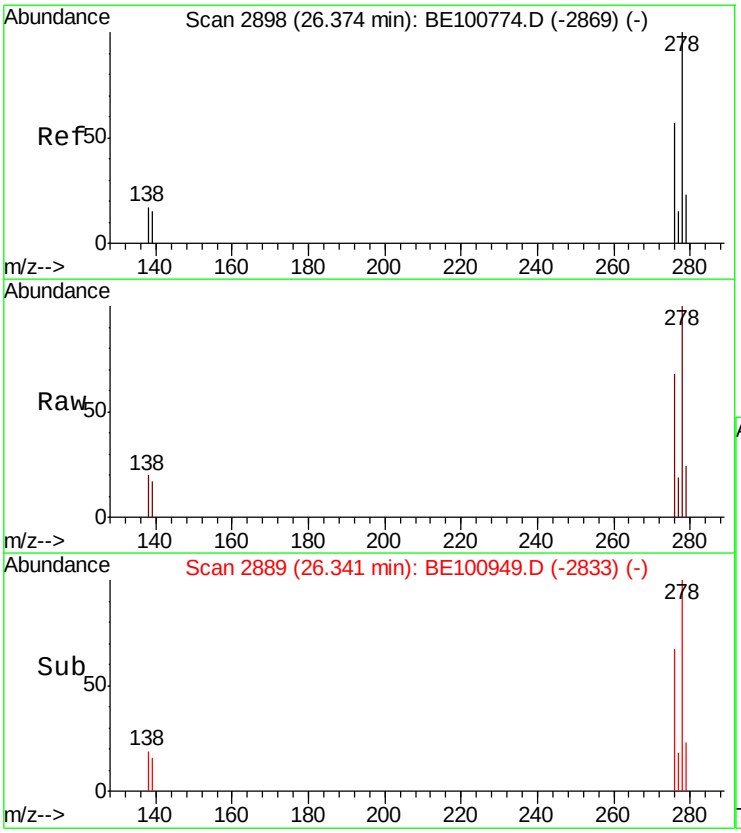
#37
Benzo(a)pyrene
Concen: 0.457 ng
RT: 23.63 min Scan# 2133
Delta R.T. 0.00 min
Lab File: BE100949.D
Acq: 17 Dec 2019 14:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 44528

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.8
125	12.5	9.9	14.9

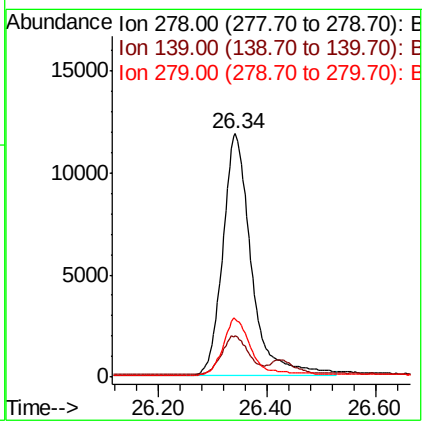


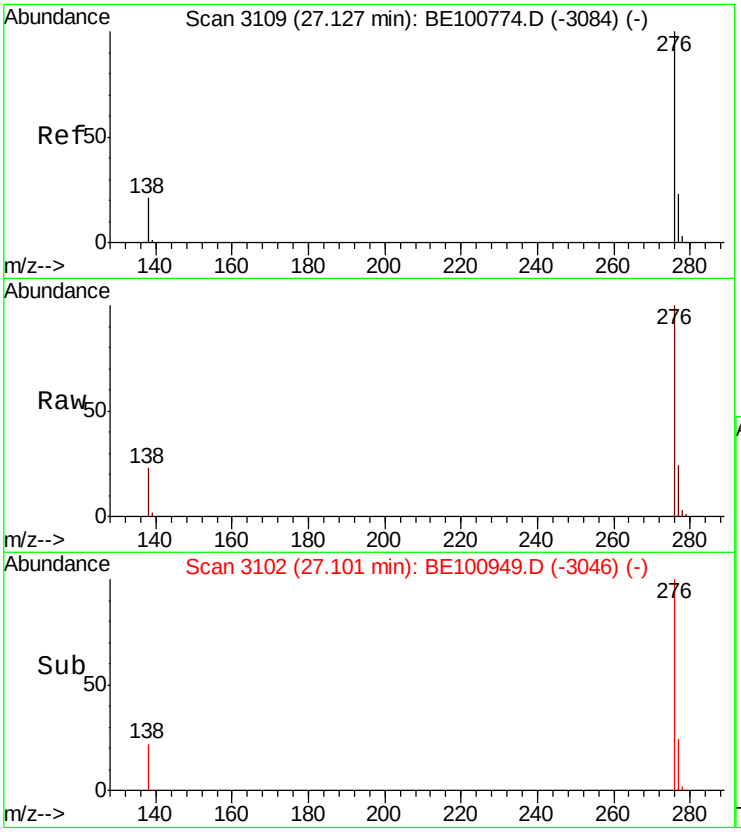


#38
Dibenzo(a,h)anthracene
Concen: 0.448 ng
RT: 26.34 min Scan# 2889
Delta R.T. 0.00 min
Lab File: BE100949.D
Acq: 17 Dec 2019 14:17

Tgt Ion:278 Resp: 43416

Ion	Ratio	Lower	Upper
278	100		
139	16.8	13.8	20.6
279	24.1	19.8	29.6





#39
Benzo(g,h,i)perylene
Concen: 0.439 ng
RT: 27.10 min Scan# 3102
Delta R.T. 0.00 min
Lab File: BE100949.D
Acq: 17 Dec 2019 14:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 45505

Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.7	29.5
138	23.0	18.0	27.0