Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE120419\
Data File : BE100776.D
Acq On : 4 Dec 2019 15:06
Operator : JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC1.6

Quant Time: Dec 04 15:53:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE120419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 04 14:31:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	5356	0.40	ng		-0.01
7) Naphthalene-d8	10.54	136	24047	0.40	ng		0.00
13) Acenaphthene-d10	14.40	164	13388	0.40	ng		0.00
19) Phenanthrene-d10	17.13	188	29648	0.40	ng		0.00
27) Chrysene-d12	21.30	240	35685	0.40	ng		0.00
34) Perylene-d12	23.76	264	35481	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.37	112	20666	1.43	ng		0.00
5) Phenol-d6	6.93	99	31542	1.50	ng		0.00
8) Nitrobenzene-d5	8.90	82	18560	2.41	ng		0.00
11) 2-Methylnaphthalene-d10	12.14	152	58544	1.66	ng		0.00
14) 2,4,6-Tribromophenol	15.88	330	3154	1.67	ng		0.00
15) 2-Fluorobiphenyl	13.03	172	85614	1.65	ng		0.00
25) Fluoranthene-d10	19.16	212	620214	1.71	ng		0.00
29) Terphenyl-d14	19.77	244	142702	1.74	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.34	88	15033	1.496	ng		95
3) n-Nitrosodimethylamine	3.64	42	13747	1.857	ng	#	94
6) bis(2-Chloroethyl)ether	7.19	93	31175	1.777	ng		98
9) Naphthalene	10.59	128	423088	1.657	ng		100
10) Hexachlorobutadiene	10.89	225	16476	1.680	ng		98
12) 2-Methylnaphthalene	12.21	142	67885	1.681	ng		99
16) Acenaphthylene	14.11	152	92599	1.607	ng		100
17) Acenaphthene	14.46	154	63762	1.650	ng		98
18) Fluorene	15.43	166	83129	1.684	ng		98
20) 4-Bromophenyl-phenylether	16.33	248	25233	1.730	ng		100
21) Hexachlorobenzene	16.44	284	26753	1.757	ng		99
22) Pentachlorophenol	16.79	266	1748	0.632	ng	#	80
23) Phenanthrene	17.17	178	152891	1.712	ng		100
24) Anthracene	17.25	178	131958	1.715	ng		98
26) Fluoranthene	19.19	202	195967	1.794	ng		100
28) Pyrene	19.55	202	189793	1.717	ng		100
30) Benzo(a)anthracene	21.29	228	178407	1.482	ng		99
31) Chrysene	21.34	228	204847	1.674	ng		100
32) Bis(2-ethylhexyl)phthalate	21.24	149	151309	0.699	ng		100
33) Indeno(1,2,3-cd)pyrene	26.34	276	180359	1.406	ng		100
35) Benzo(b)fluoranthene	23.01	252	167275	1.502	ng		99
36) Benzo(k)fluoranthene	23.06	252	191212	1.647	ng		99
37) Benzo(a)pyrene	23.65	252	146166	1.489	ng		97
38) Dibenzo(a,h)anthracene	26.37	278	150389	1.456	ng		99
39) Benzo(g,h,i)perylene	27.12	276	153411	1.426	ng		99

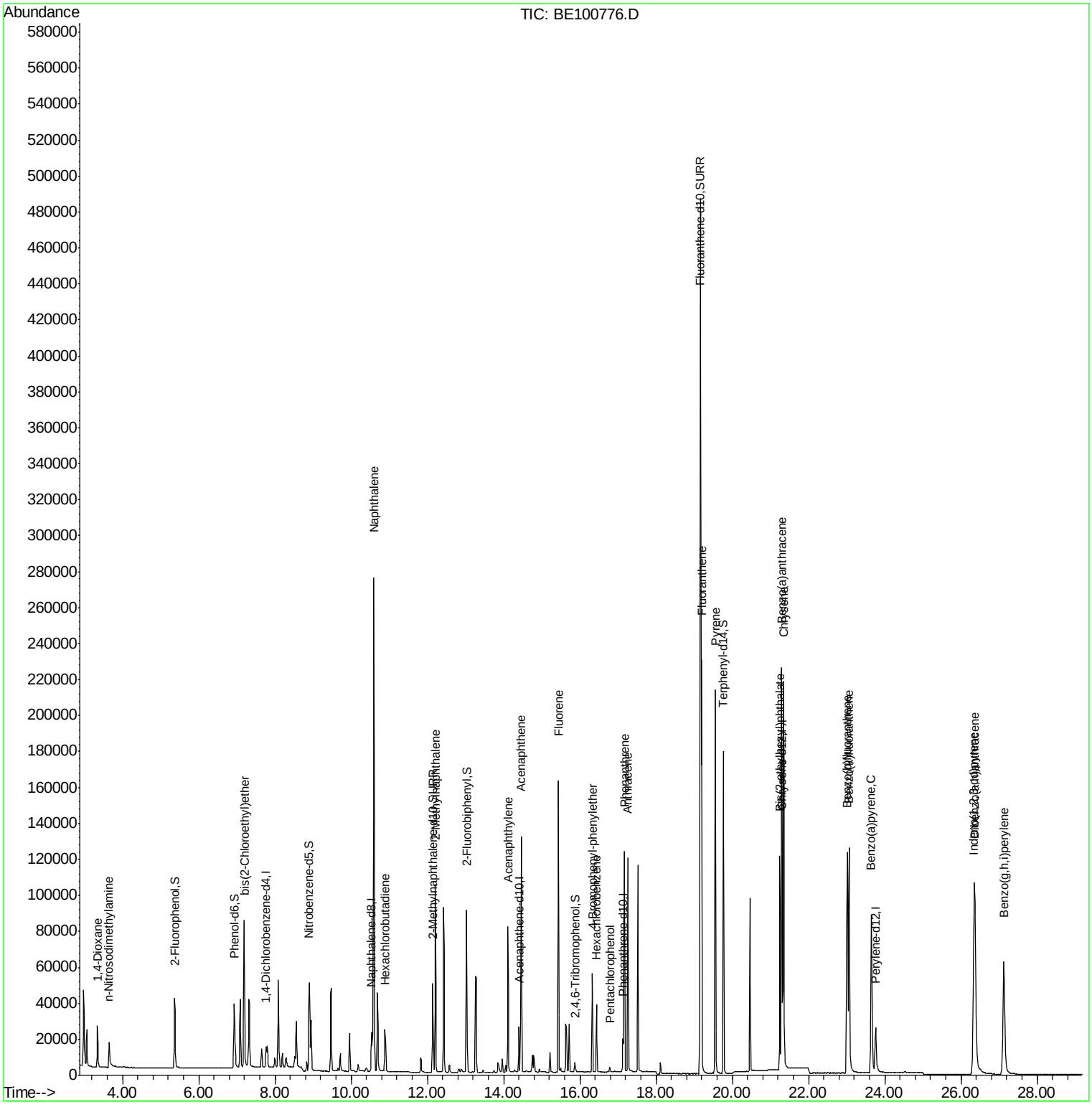
(#) = qualifier out of range (m) = manual integration (+) = signals summed

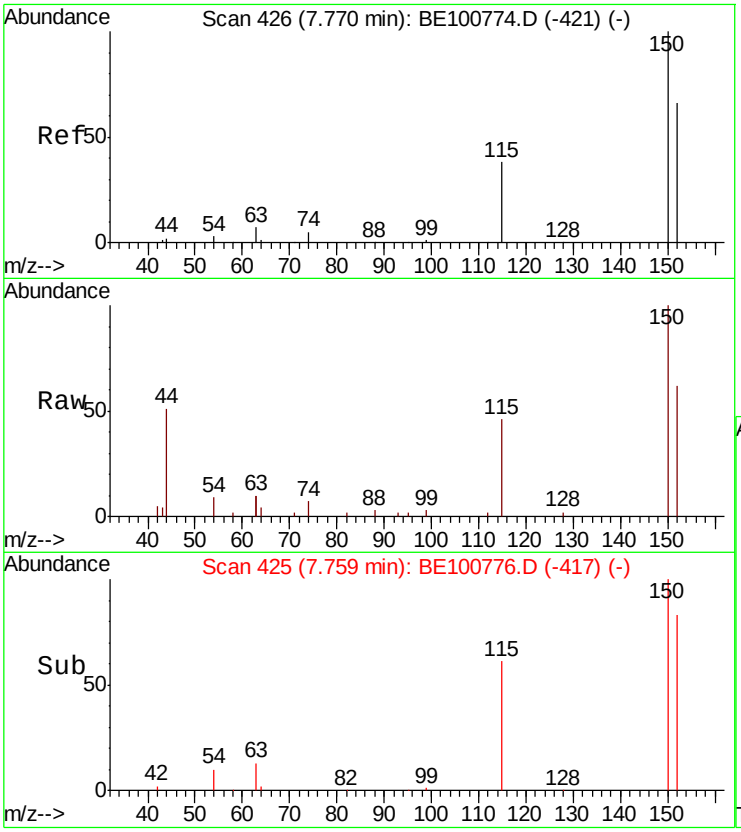
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE120419\
Data File : BE100776.D
Acq On : 4 Dec 2019 15:06
Operator : JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Quant Time: Dec 04 15:53:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE120419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 04 14:31:40 2019
Response via : Initial Calibration



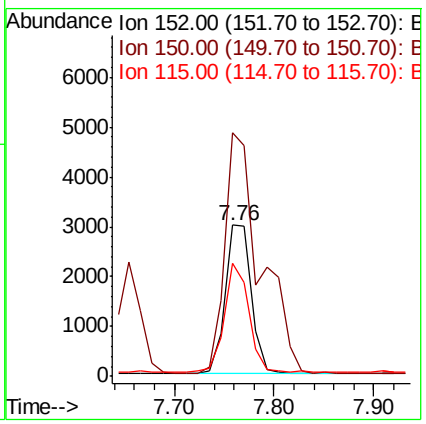


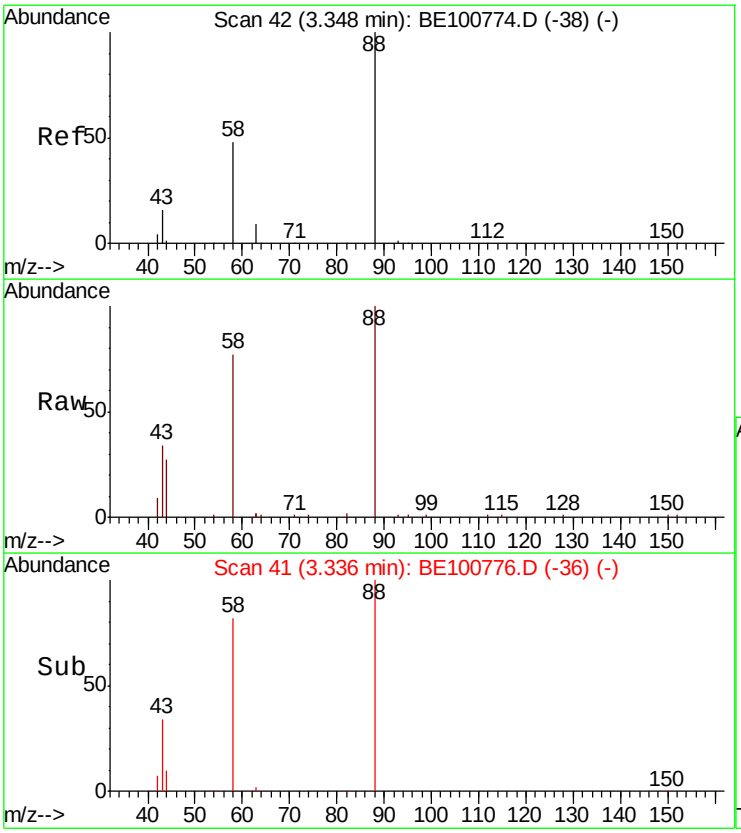
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.76 min Scan# 425
Delta R.T. -0.01 min
Lab File: BE100776.D
Acq: 4 Dec 2019 15:06

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:152 Resp: 5356

Ion	Ratio	Lower	Upper
152	100		
150	161.1	120.6	181.0
115	74.7	47.4	71.2#

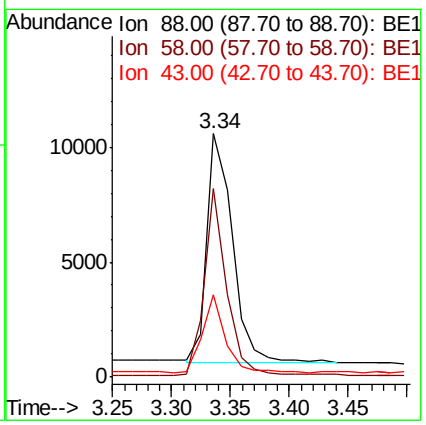


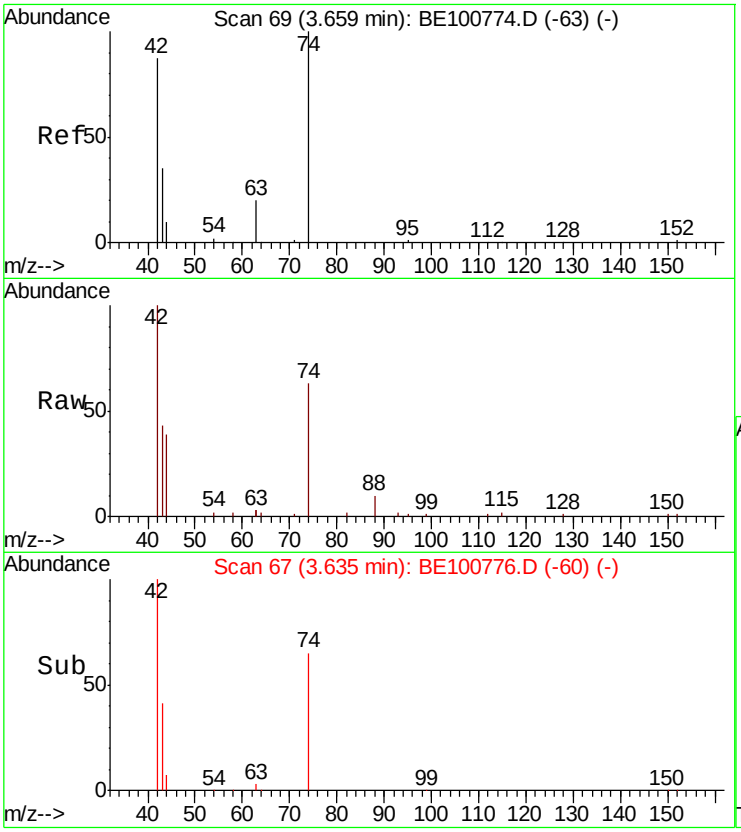


#2
1,4-Dioxane
Concen: 1.496 ng
RT: 3.34 min Scan# 41
Delta R.T. -0.01 min
Lab File: BE100776.D
Acq: 4 Dec 2019 15:06

Tgt Ion: 88 Resp: 15033

Ion	Ratio	Lower	Upper
88	100		
58	71.1	52.5	78.7
43	29.9	23.0	34.6

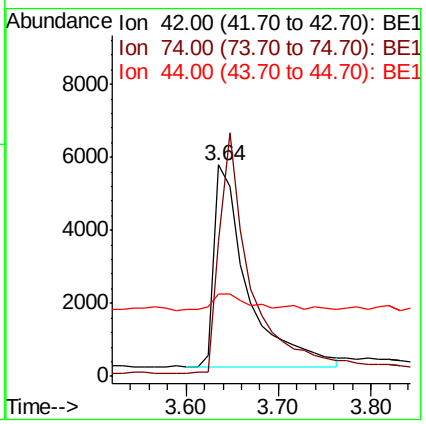




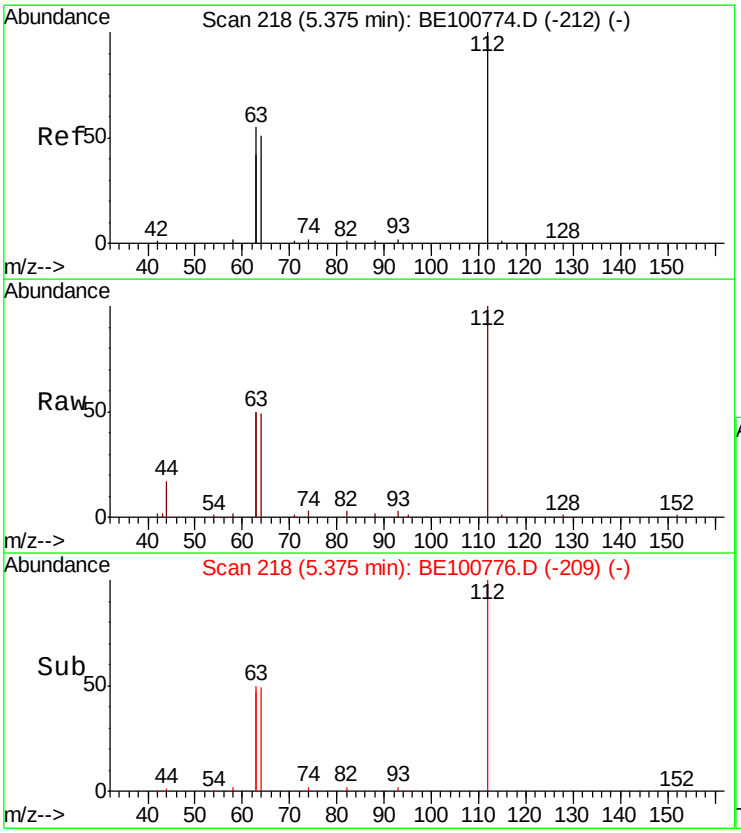
#3
n-Nitrosodimethylamine
Concen: 1.857 ng
RT: 3.64 min Scan# 67
Delta R.T. -0.02 min
Lab File: BE100776.D
Acq: 4 Dec 2019 15:06

Tgt Ion: 42 Resp: 13747

Ion	Ratio	Lower	Upper
42	100		
74	113.0	86.3	129.5
44	8.9	11.6	17.4#



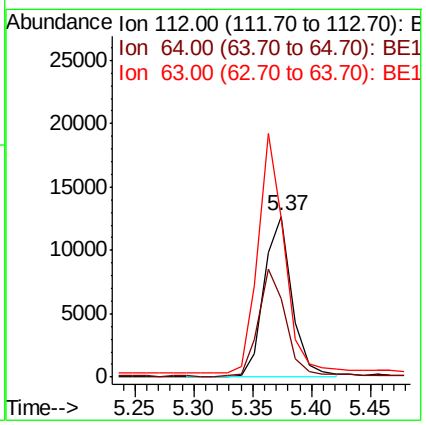
Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

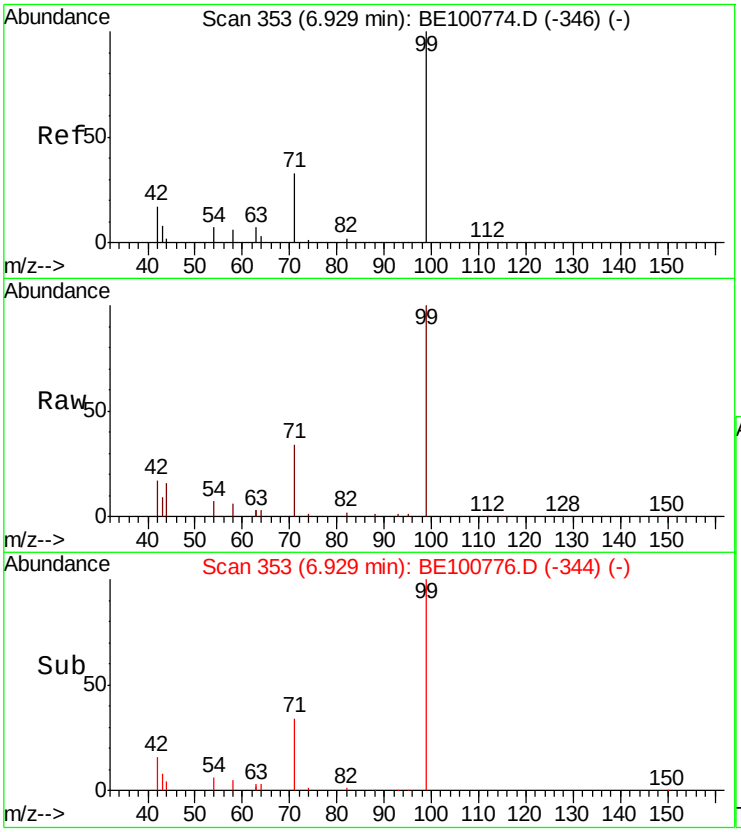


#4
2-Fluorophenol
Concen: 1.425 ng
RT: 5.37 min Scan# 218
Delta R.T. -0.00 min
Lab File: BE100776.D
Acq: 4 Dec 2019 15:06

Tgt Ion:112 Resp: 20666

Ion	Ratio	Lower	Upper
112	100		
64	65.9	54.1	81.1
63	143.3	113.2	169.8



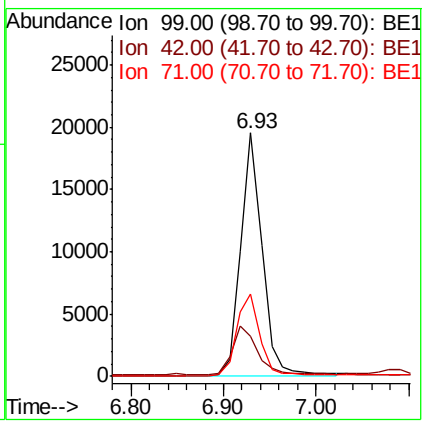


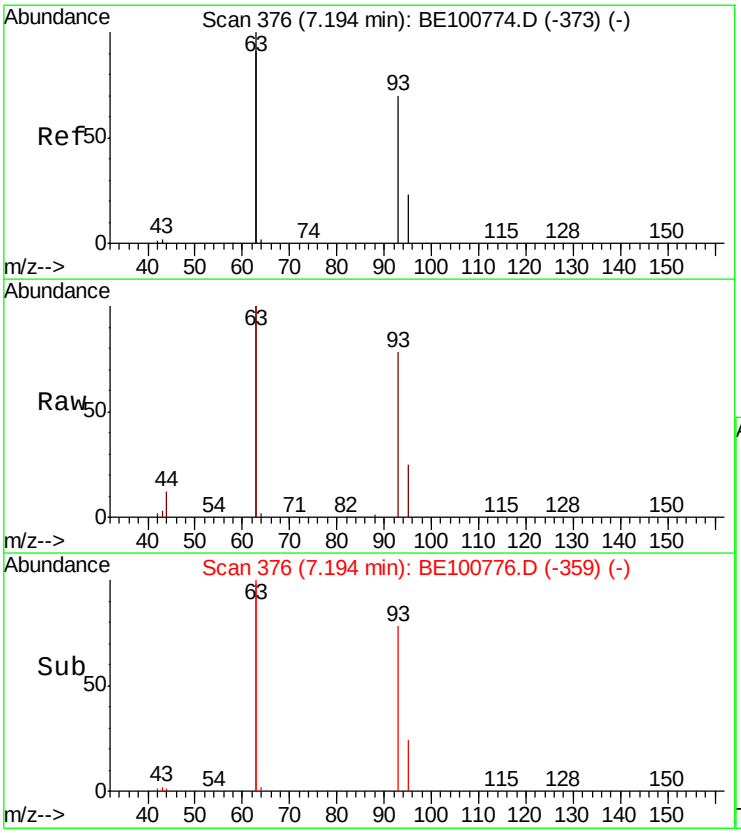
#5
Phenol-d6
Concen: 1.499 ng
RT: 6.93 min Scan# 353
Delta R.T. -0.00 min
Lab File: BE100776.D
Acq: 4 Dec 2019 15:06

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion: 99 Resp: 31542

Ion	Ratio	Lower	Upper
99	100		
42	22.6	19.1	28.7
71	36.3	27.7	41.5

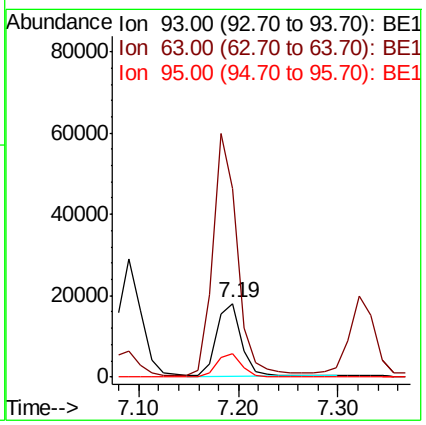


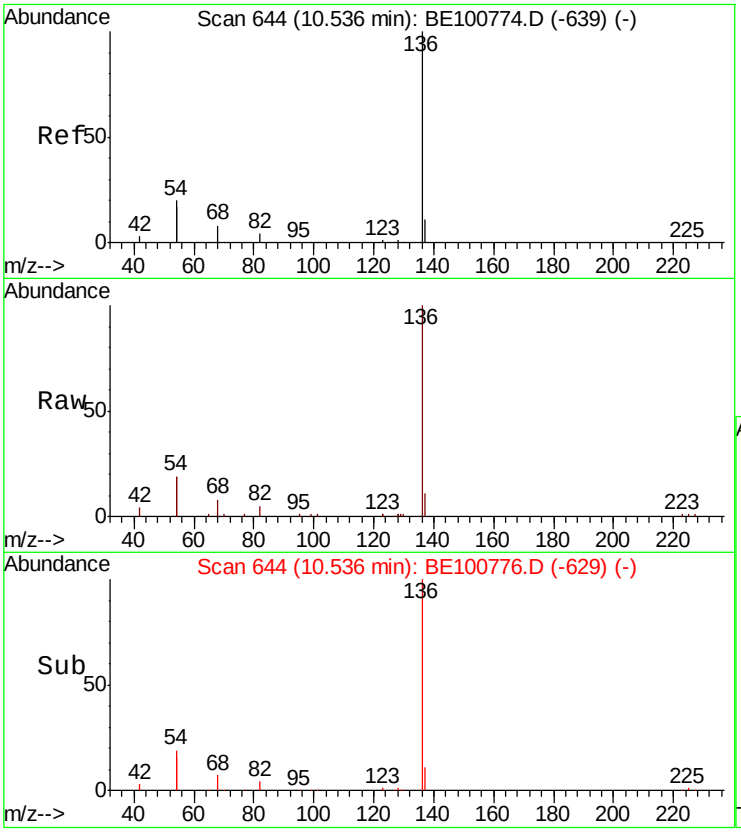


#6
bis(2-Chloroethyl)ether
Concen: 1.777 ng
RT: 7.19 min Scan# 376
Delta R.T. -0.00 min
Lab File: BE100776.D
Acq: 4 Dec 2019 15:06

Tgt Ion: 93 Resp: 31175

Ion	Ratio	Lower	Upper
93	100		
63	319.9	259.4	389.0
95	31.7	26.2	39.2



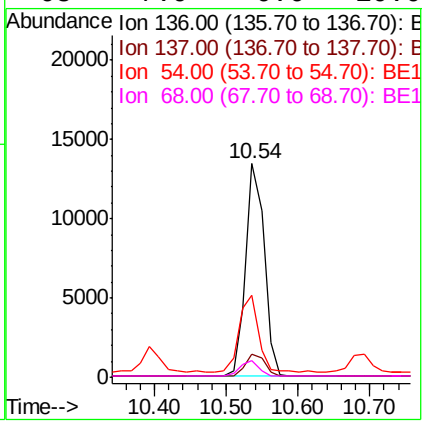


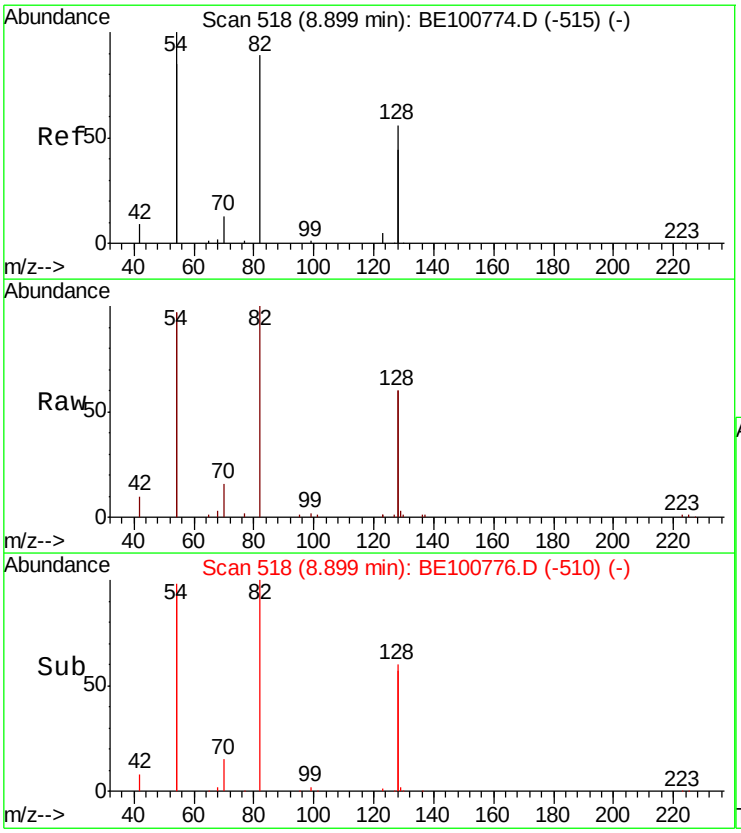
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.54 min Scan# 644
Delta R.T. -0.00 min
Lab File: BE100776.D
Acq: 4 Dec 2019 15:06

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:136 Resp: 24047

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.4	14.0
54	38.2	31.1	46.7
68	7.9	6.6	10.0

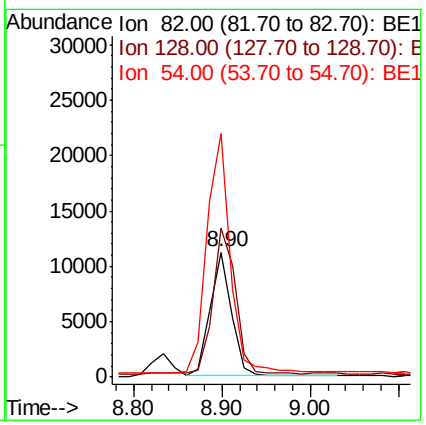


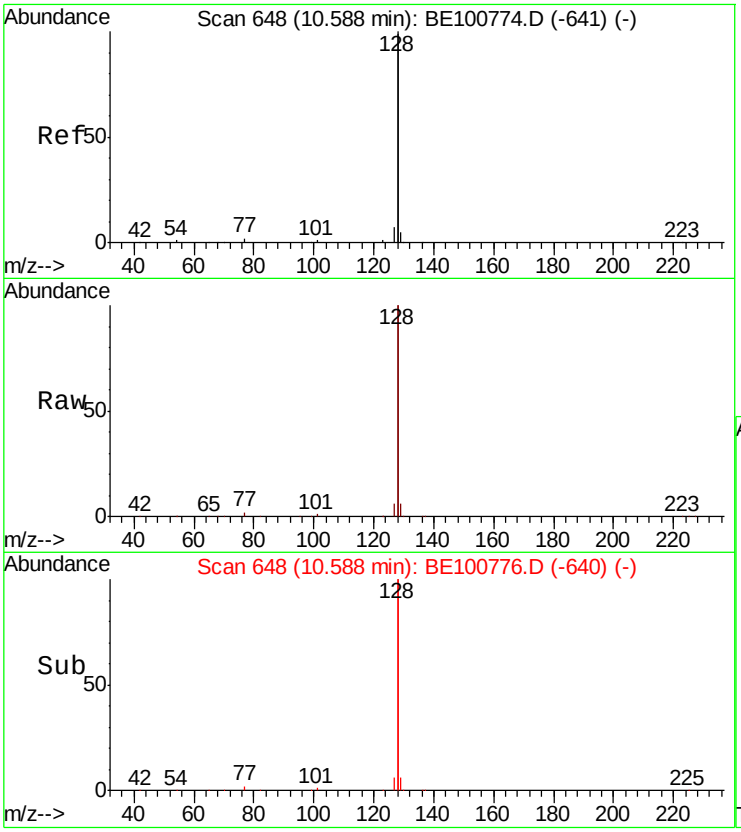


#8
Nitrobenzene-d5
Concen: 2.408 ng
RT: 8.90 min Scan# 518
Delta R.T. -0.00 min
Lab File: BE100776.D
Acq: 4 Dec 2019 15:06

Tgt Ion: 82 Resp: 18560

Ion	Ratio	Lower	Upper
82	100		
128	119.1	97.0	145.4
54	195.0	171.8	257.6



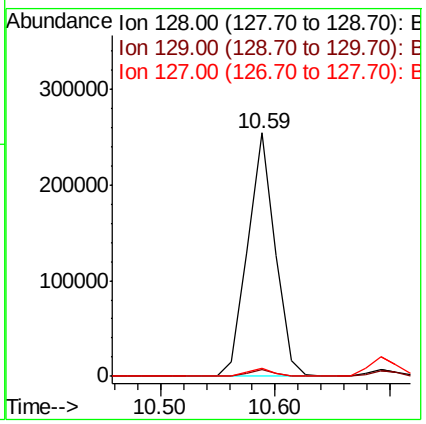


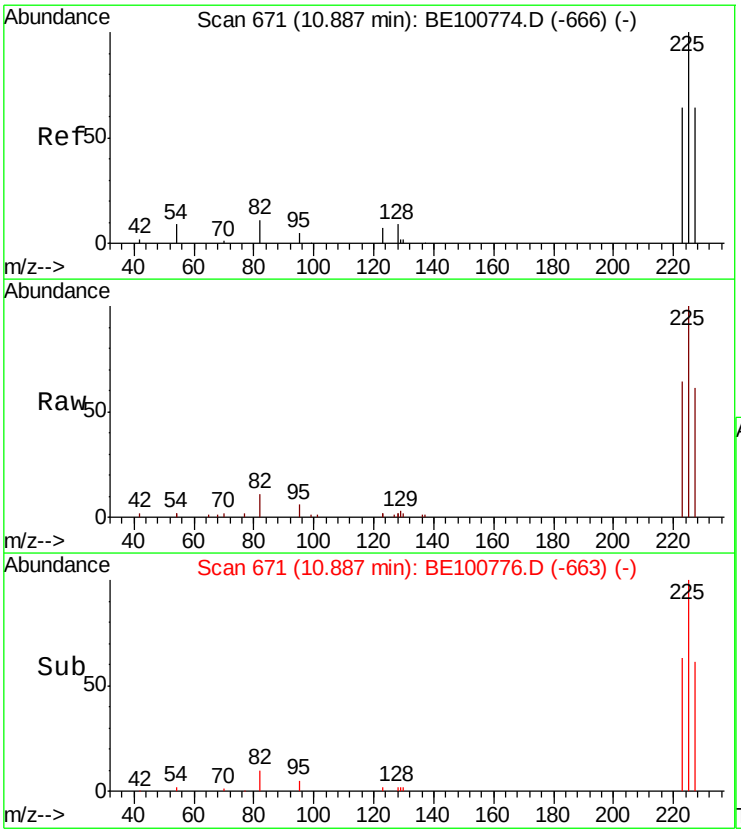
#9
Naphthalene
Concen: 1.657 ng
RT: 10.59 min Scan# 648
Delta R.T. -0.00 min
Lab File: BE100776.D
Acq: 4 Dec 2019 15:06

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:128 Resp: 423088

Ion	Ratio	Lower	Upper
128	100		
129	2.8	2.2	3.4
127	3.2	2.7	4.1

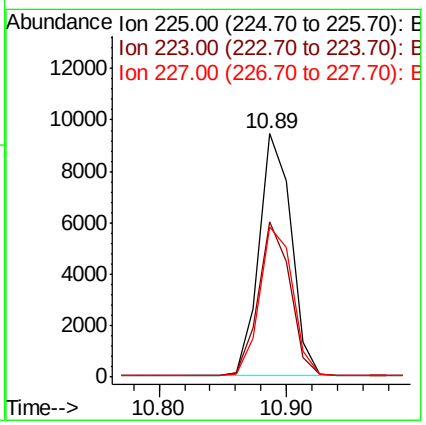


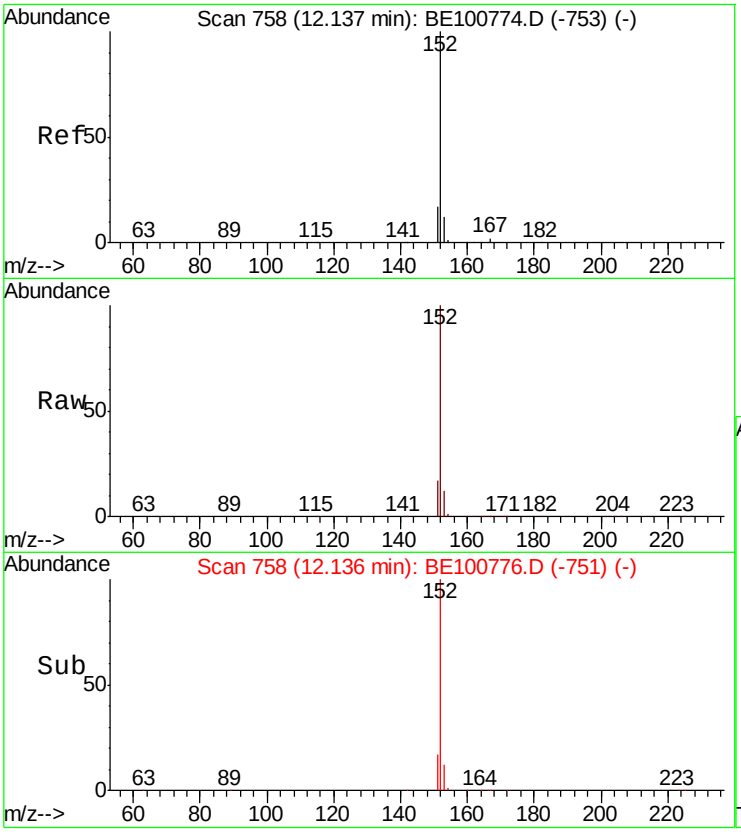


#10
Hexachlorobutadiene
Concen: 1.680 ng
RT: 10.89 min Scan# 671
Delta R.T. -0.00 min
Lab File: BE100776.D
Acq: 4 Dec 2019 15:06

Tgt Ion:225 Resp: 16476

Ion	Ratio	Lower	Upper
225	100		
223	62.1	49.9	74.9
227	63.0	52.2	78.4



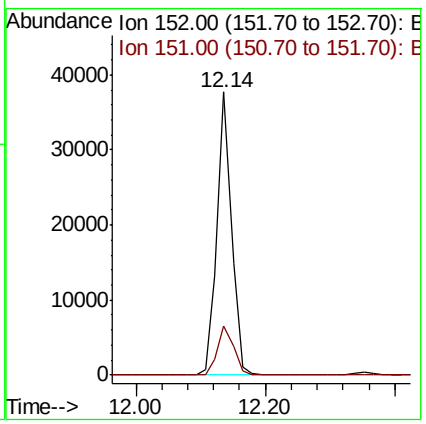


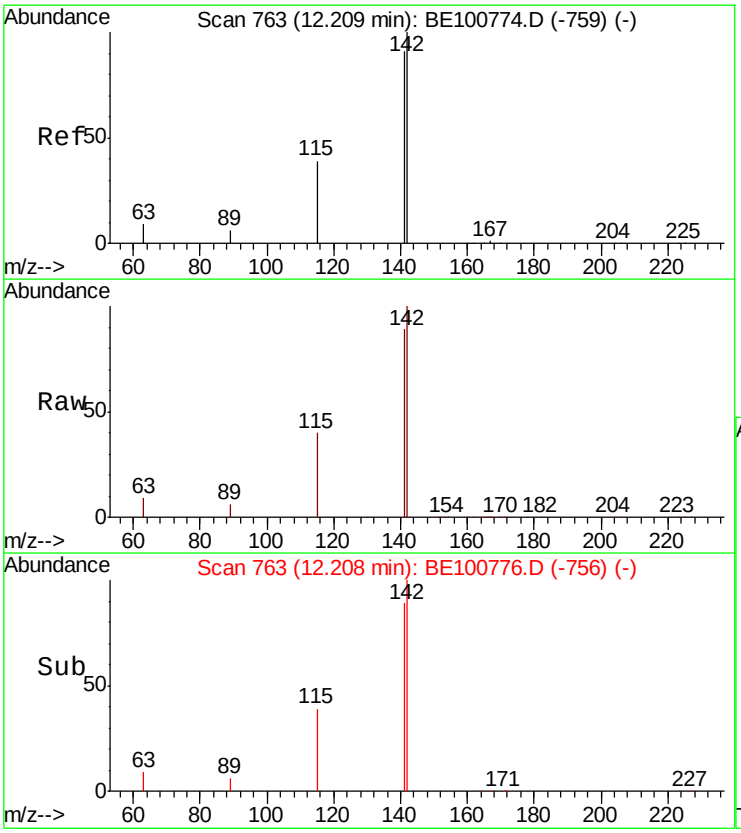
#11
2-Methylnaphthalene-d10
Concen: 1.660 ng
RT: 12.14 min Scan# 758
Delta R.T. -0.00 min
Lab File: BE100776.D
Acq: 4 Dec 2019 15:06

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:152 Resp: 58544

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.8	23.8

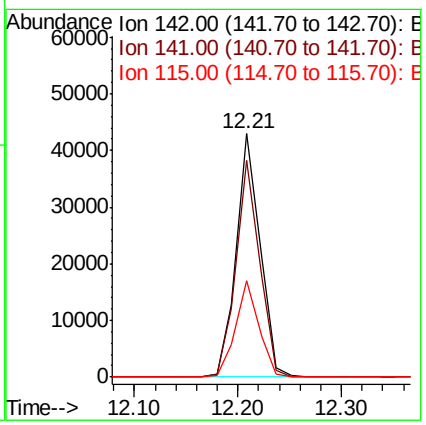


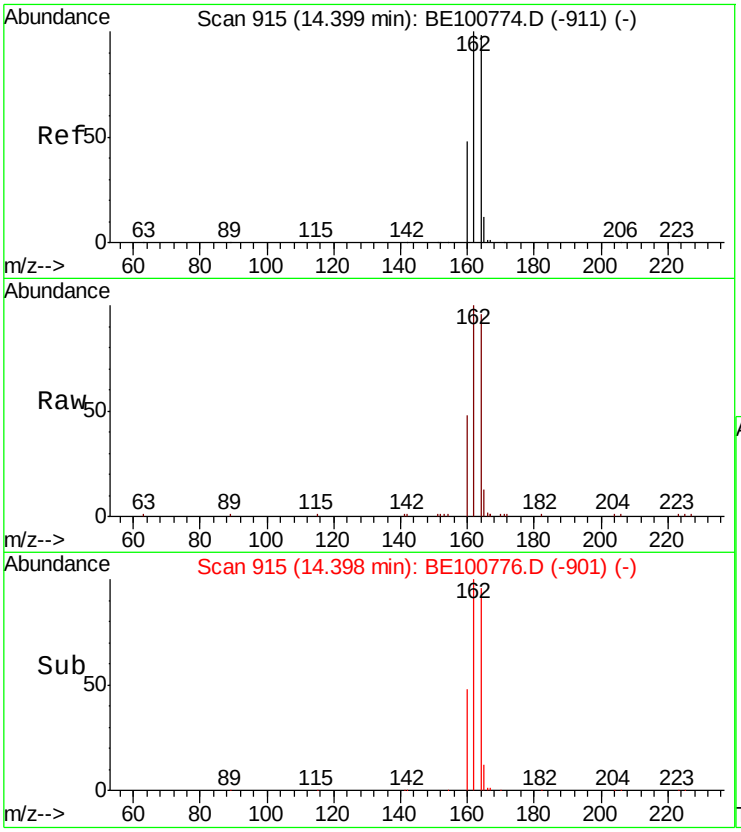


#12
2-Methylnaphthalene
Concen: 1.681 ng
RT: 12.21 min Scan# 763
Delta R.T. -0.00 min
Lab File: BE100776.D
Acq: 4 Dec 2019 15:06

Tgt Ion:142 Resp: 67885

Ion	Ratio	Lower	Upper
142	100		
141	88.9	72.6	108.8
115	39.5	31.8	47.6



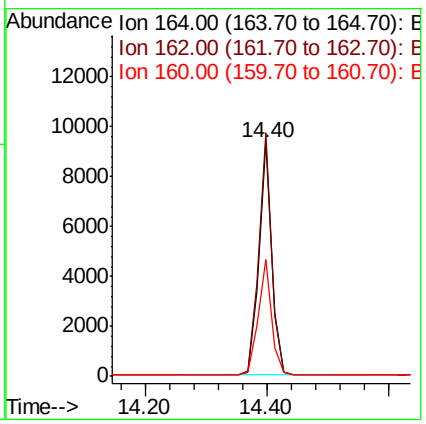


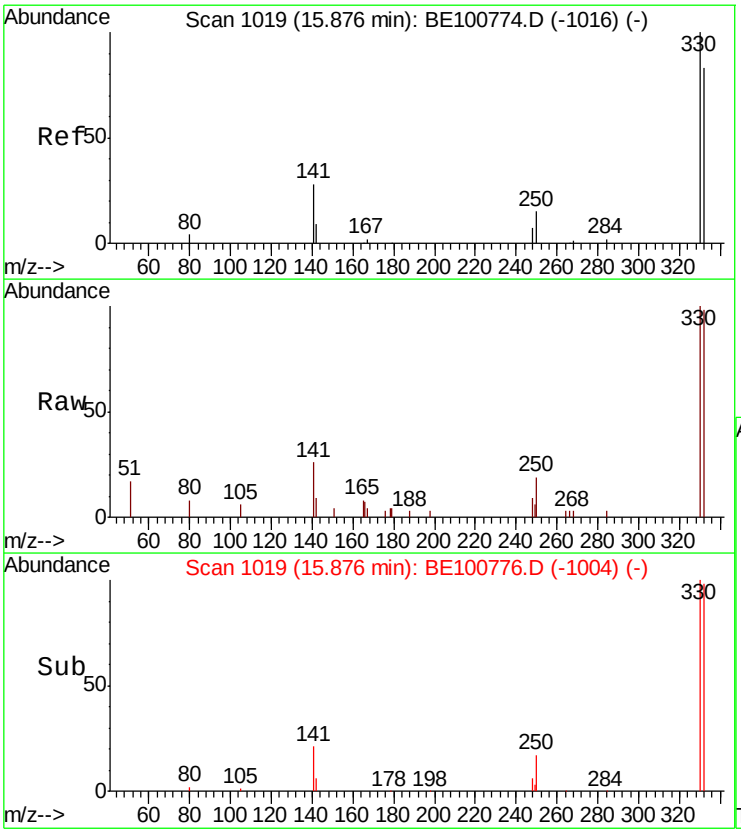
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.40 min Scan# 915
Delta R.T. -0.00 min
Lab File: BE100776.D
Acq: 4 Dec 2019 15:06

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:164 Resp: 13388

Ion	Ratio	Lower	Upper
164	100		
162	104.0	81.4	122.0
160	50.1	39.4	59.0

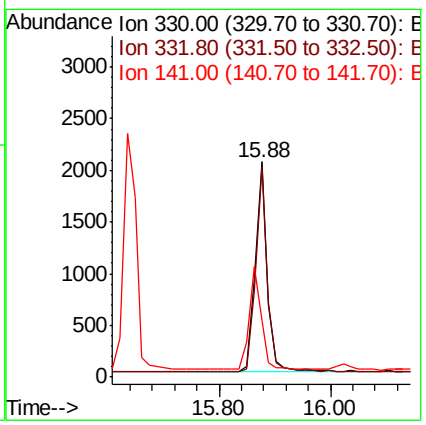


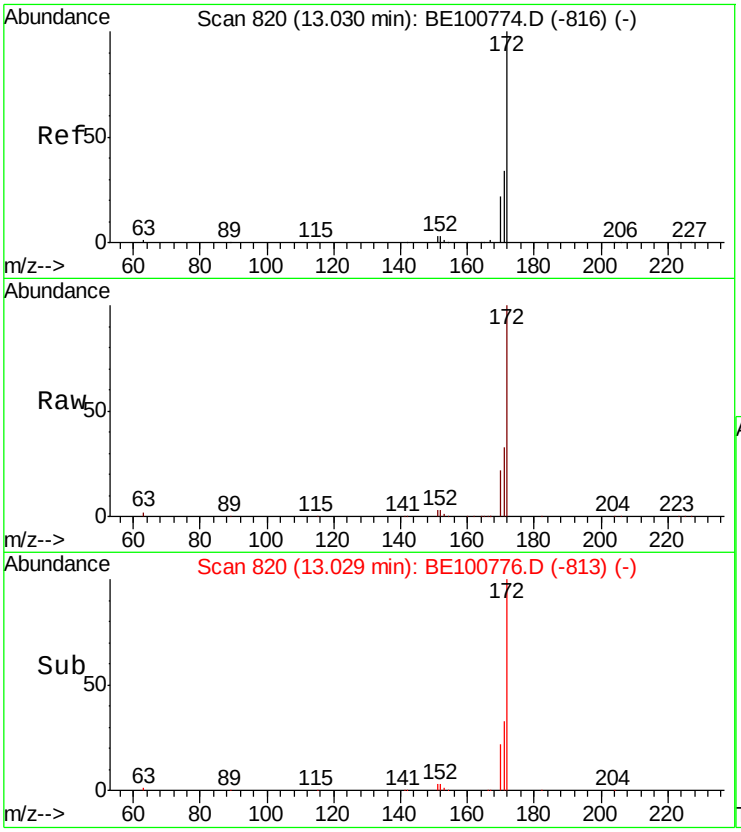


#14
2,4,6-Tribromophenol
Concen: 1.671 ng
RT: 15.88 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BE100776.D
Acq: 4 Dec 2019 15:06

Tgt Ion:330 Resp: 3154

Ion	Ratio	Lower	Upper
330	100		
332	94.6	69.4	104.2
141	47.2	51.1	76.7#



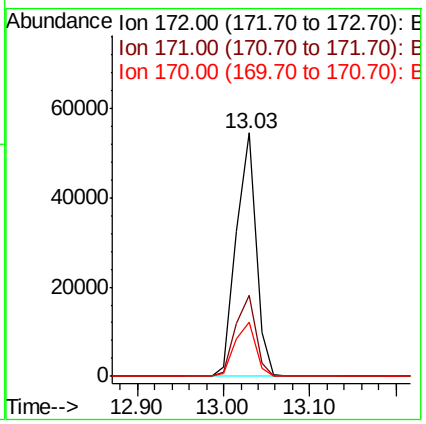


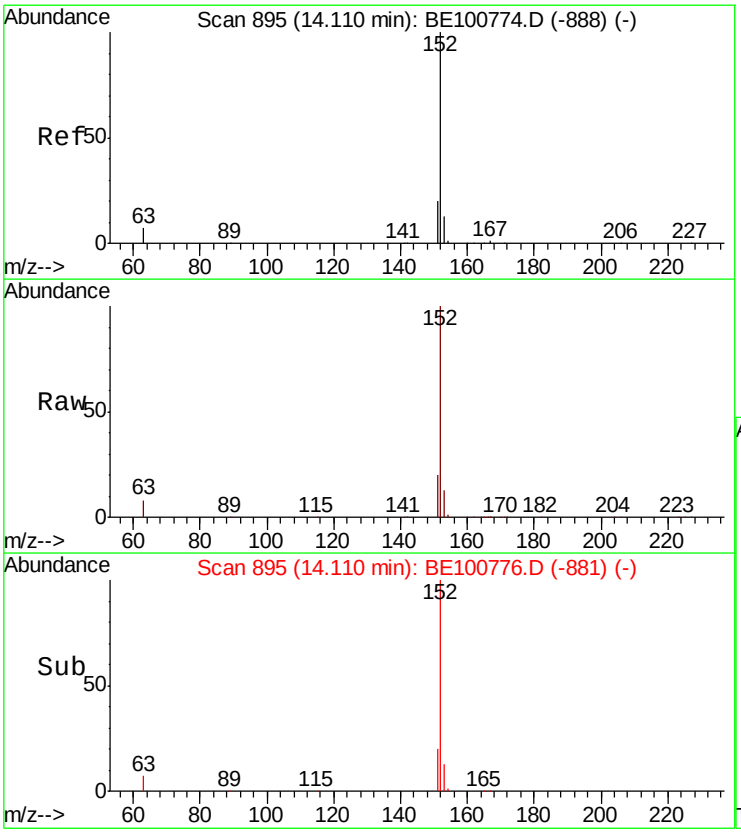
#15
2-Fluorobiphenyl
Concen: 1.647 ng
RT: 13.03 min Scan# 820
Delta R.T. -0.00 min
Lab File: BE100776.D
Acq: 4 Dec 2019 15:06

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:172 Resp: 85614

Ion	Ratio	Lower	Upper
172	100		
171	33.3	27.2	40.8
170	22.2	18.0	27.0

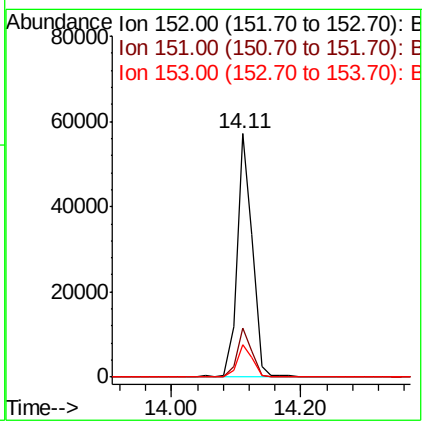


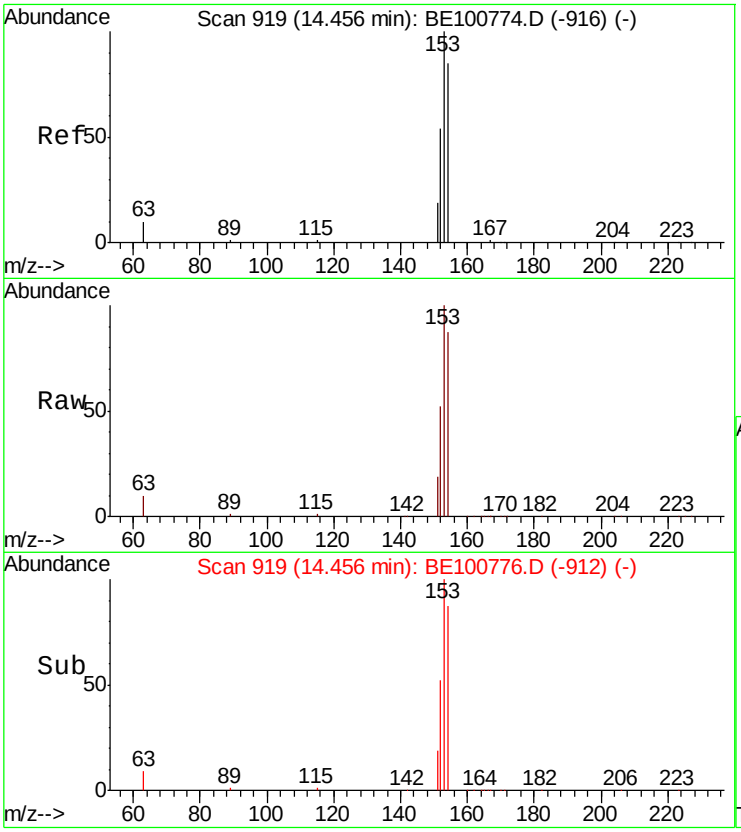


#16
Acenaphthylene
Concen: 1.607 ng
RT: 14.11 min Scan# 895
Delta R.T. -0.00 min
Lab File: BE100776.D
Acq: 4 Dec 2019 15:06

Tgt Ion:152 Resp: 92599

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.8	23.6
153	13.1	10.4	15.6



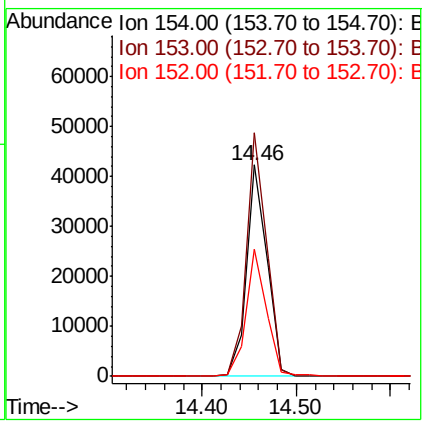


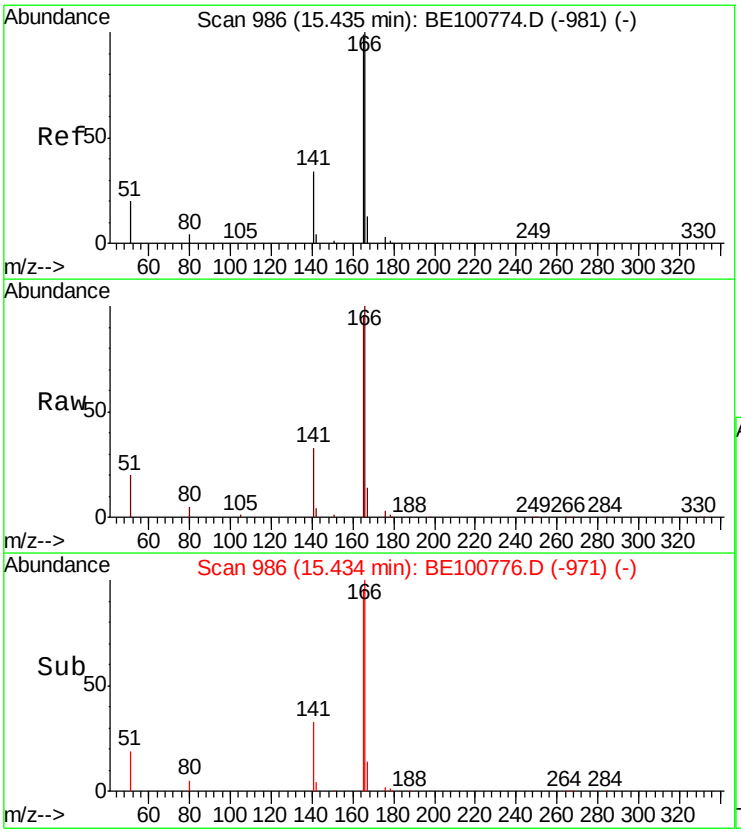
#17
Acenaphthene
Concen: 1.650 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE100776.D
Acq: 4 Dec 2019 15:06

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:154 Resp: 63762

Ion	Ratio	Lower	Upper
154	100		
153	113.7	92.2	138.2
152	59.5	49.1	73.7

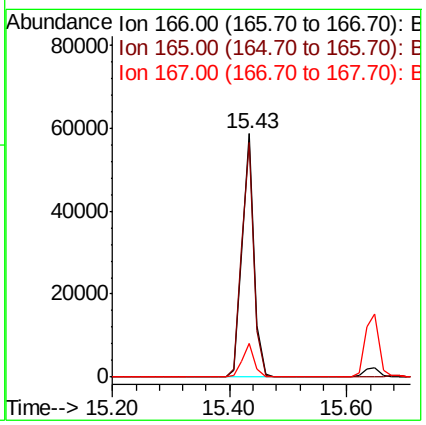


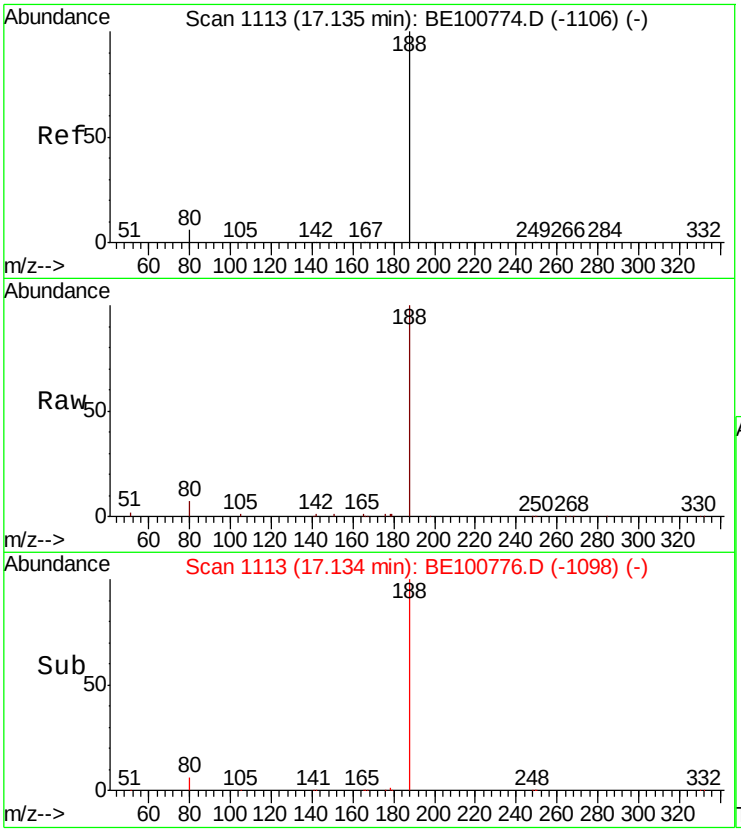


#18
Fluorene
Concen: 1.684 ng
RT: 15.43 min Scan# 986
Delta R.T. -0.00 min
Lab File: BE100776.D
Acq: 4 Dec 2019 15:06

Tgt Ion:166 Resp: 83129

Ion	Ratio	Lower	Upper
166	100		
165	98.6	80.5	120.7
167	13.4	10.7	16.1



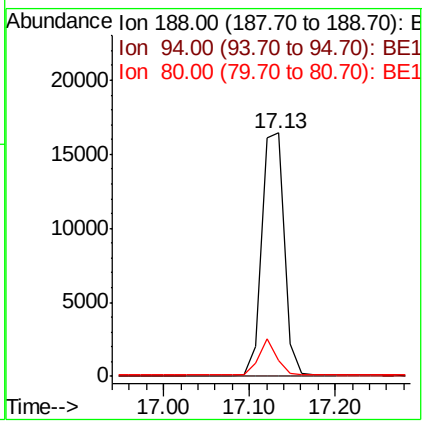


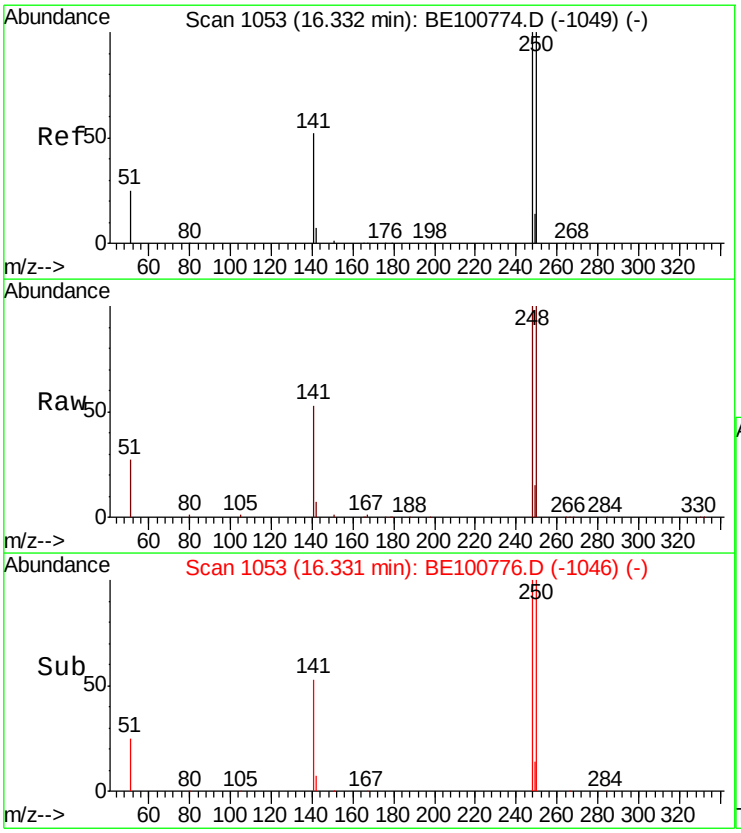
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.13 min Scan# 1113
Delta R.T. -0.00 min
Lab File: BE100776.D
Acq: 4 Dec 2019 15:06

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:188 Resp: 29648

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.7	5.2	7.8

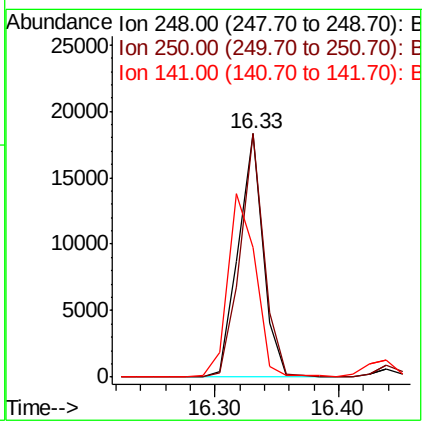


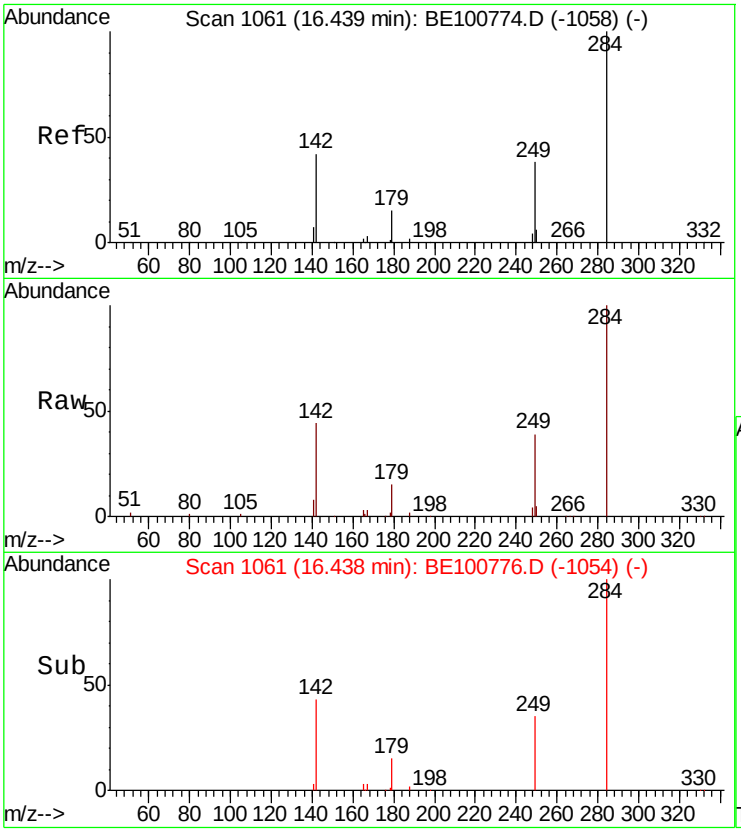


#20
4-Bromophenyl-phenylether
Concen: 1.730 ng
RT: 16.33 min Scan# 1053
Delta R.T. -0.00 min
Lab File: BE100776.D
Acq: 4 Dec 2019 15:06

Tgt Ion:248 Resp: 25233

Ion	Ratio	Lower	Upper
248	100		
250	99.9	80.5	120.7
141	53.2	42.6	64.0



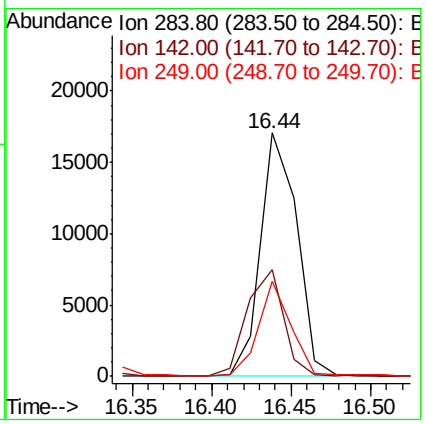


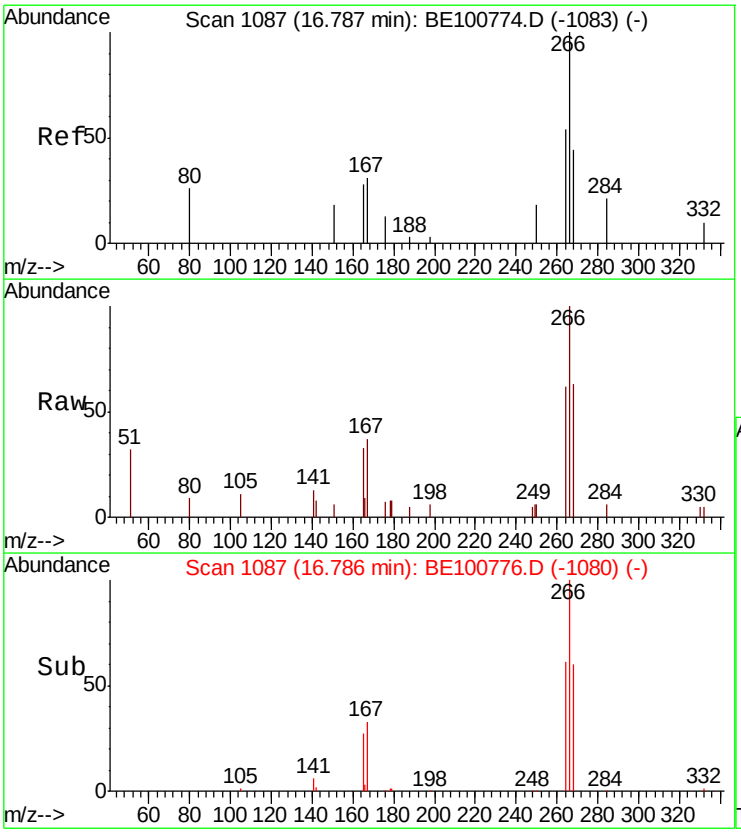
#21
Hexachlorobenzene
Concen: 1.757 ng
RT: 16.44 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BE100776.D
Acq: 4 Dec 2019 15:06

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:284 Resp: 26753

Ion	Ratio	Lower	Upper
284	100		
142	43.5	34.4	51.6
249	34.5	28.5	42.7

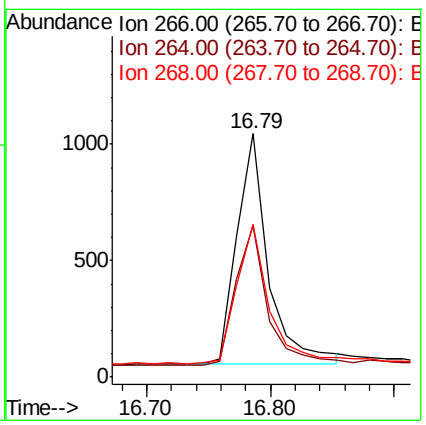


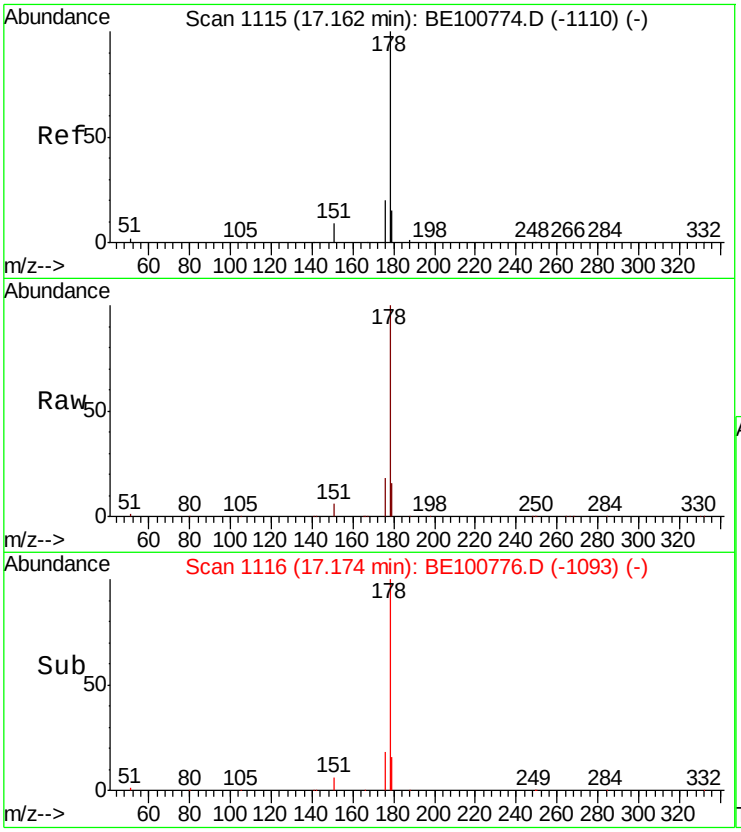


#22
Pentachlorophenol
Concen: 0.632 ng
RT: 16.79 min Scan# 1087
Delta R.T. -0.00 min
Lab File: BE100776.D
Acq: 4 Dec 2019 15:06

Tgt Ion:266 Resp: 1748

Ion	Ratio	Lower	Upper
266	100		
264	62.3	63.4	95.0#
268	62.9	65.8	98.8#



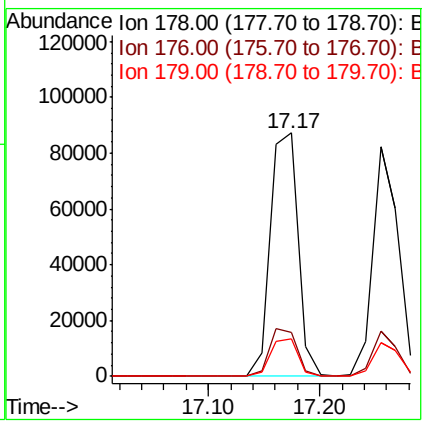


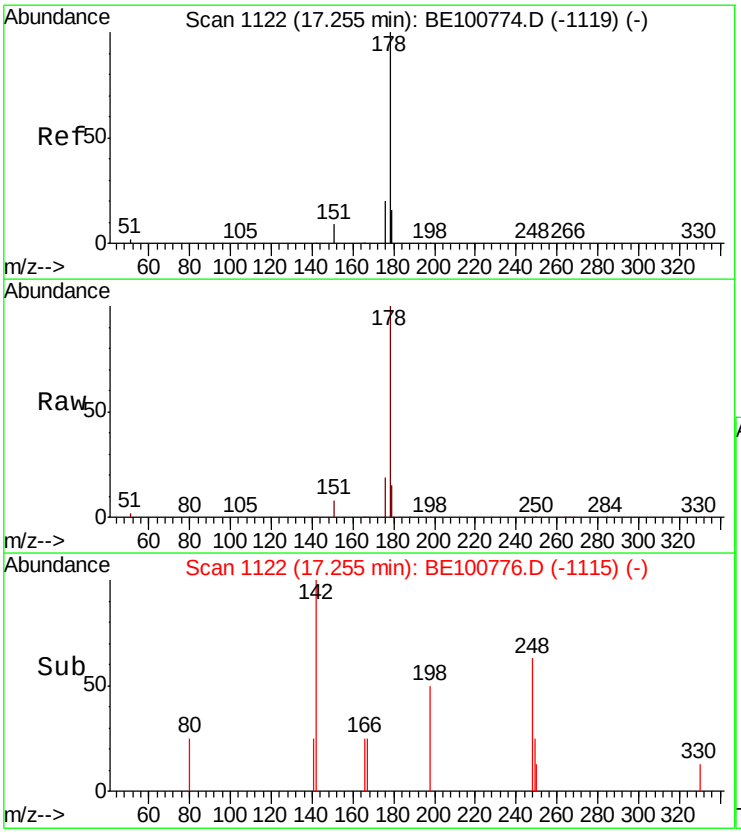
#23
Phenanthrene
Concen: 1.712 ng
RT: 17.17 min Scan# 1116
Delta R.T. 0.01 min
Lab File: BE100776.D
Acq: 4 Dec 2019 15:06

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:178 Resp: 152891

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.5	23.3
179	15.3	12.3	18.5

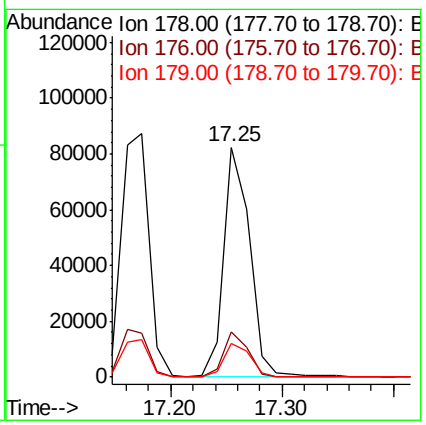


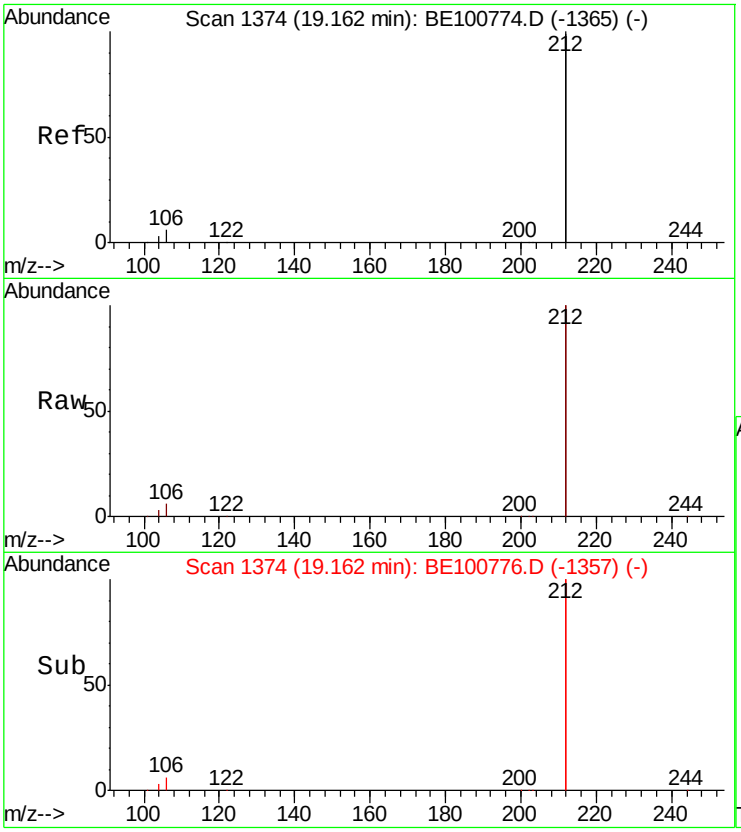


#24
Anthracene
Concen: 1.715 ng
RT: 17.25 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BE100776.D
Acq: 4 Dec 2019 15:06

Tgt Ion:178 Resp: 131958

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.4	23.2
179	15.2	12.7	19.1



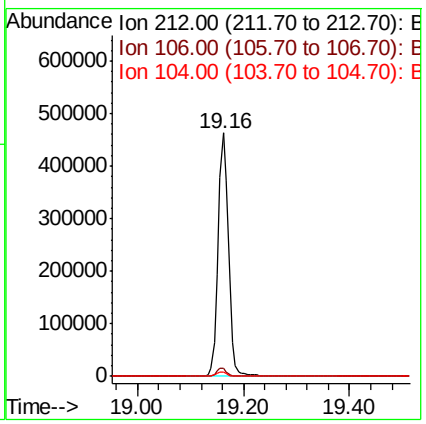


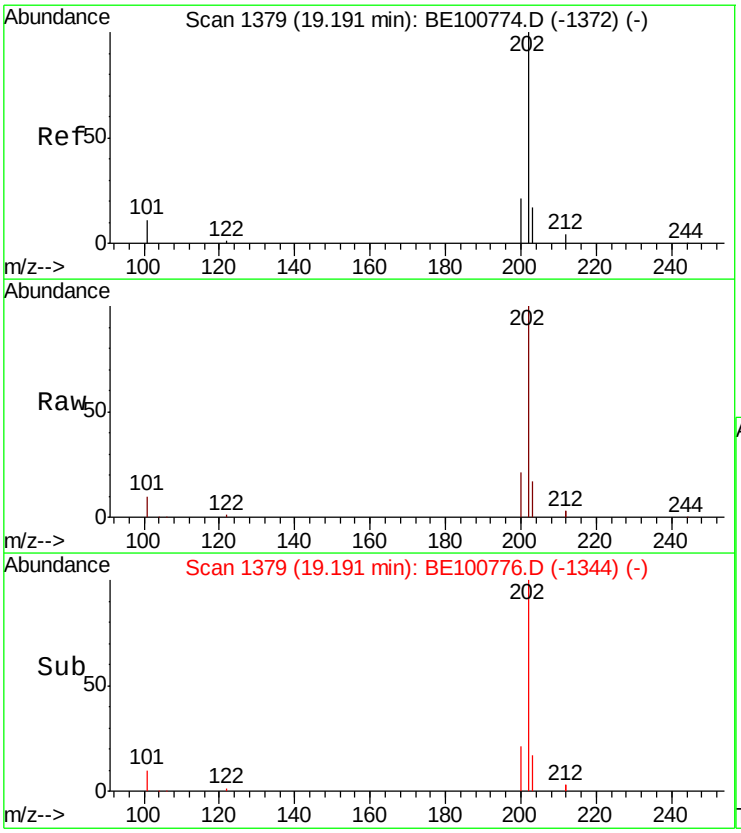
#25
Fluoranthene-d10
Concen: 1.709 ng
RT: 19.16 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BE100776.D
Acq: 4 Dec 2019 15:06

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:212 Resp: 620214

Ion	Ratio	Lower	Upper
212	100		
106	3.3	2.6	3.8
104	1.8	1.4	2.2

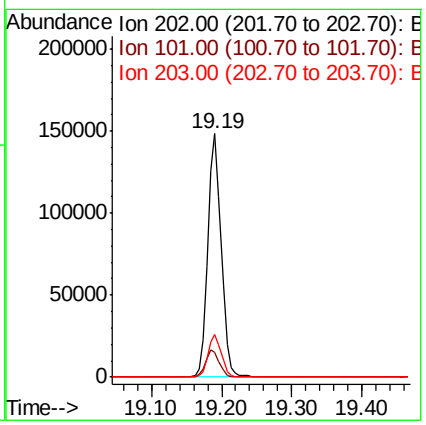


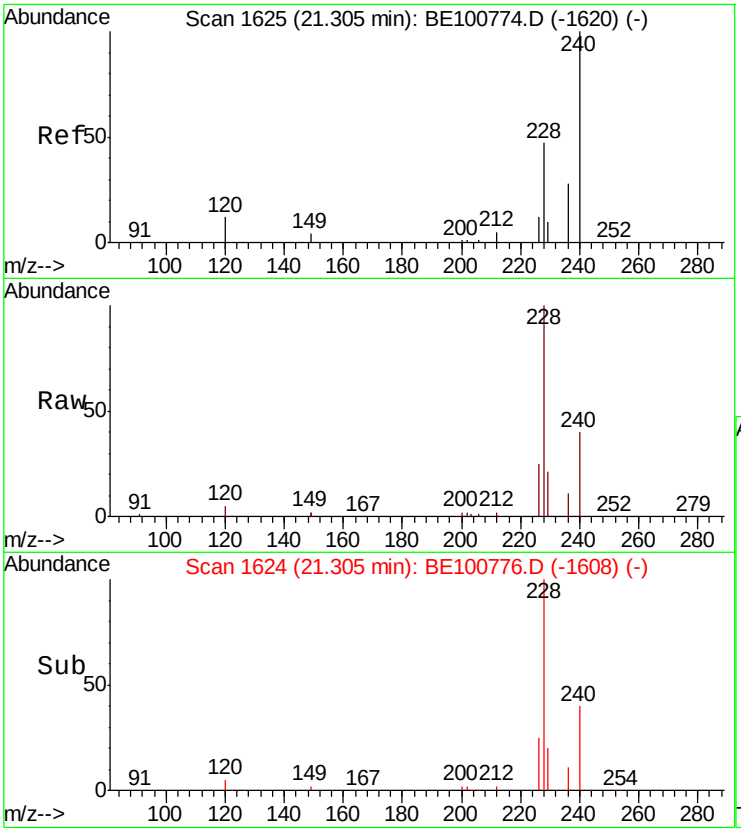


#26
Fluoranthene
Concen: 1.794 ng
RT: 19.19 min Scan# 1379
Delta R.T. -0.00 min
Lab File: BE100776.D
Acq: 4 Dec 2019 15:06

Tgt Ion:202 Resp: 195967

Ion	Ratio	Lower	Upper
202	100		
101	11.6	9.1	13.7
203	17.3	13.8	20.6



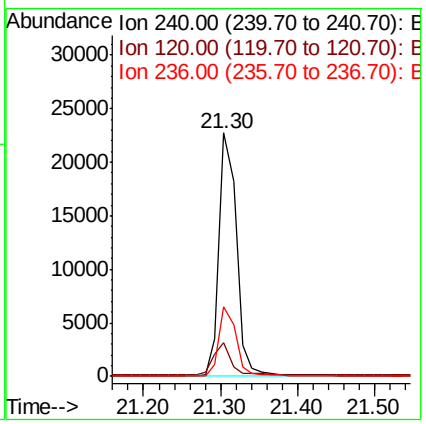


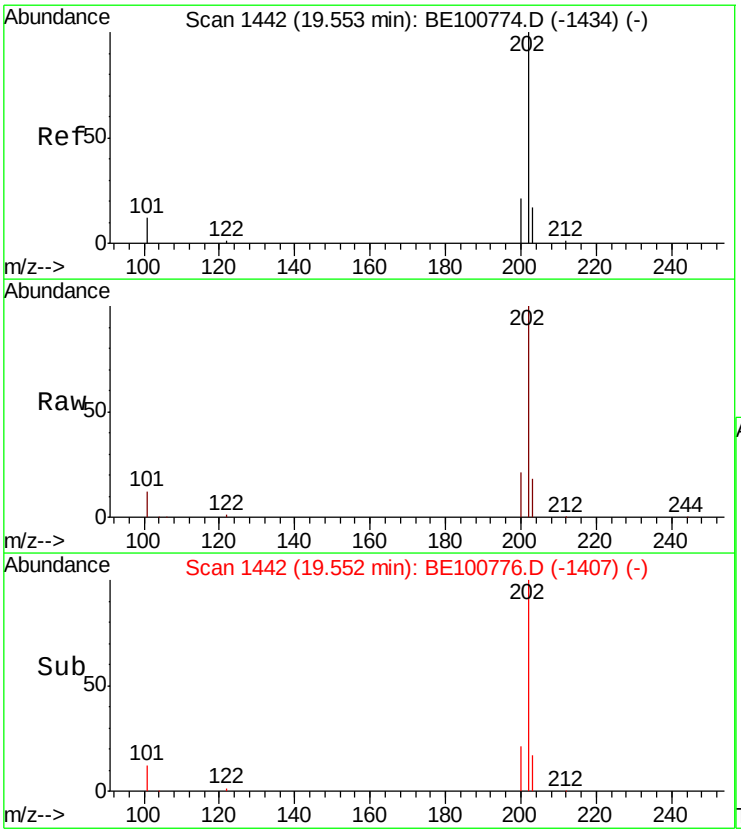
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.30 min Scan# 1624
Delta R.T. -0.00 min
Lab File: BE100776.D
Acq: 4 Dec 2019 15:06

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:240 Resp: 35685

Ion	Ratio	Lower	Upper
240	100		
120	13.7	10.2	15.2
236	28.6	22.3	33.5

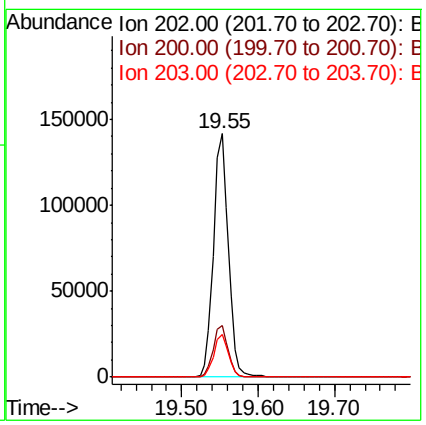


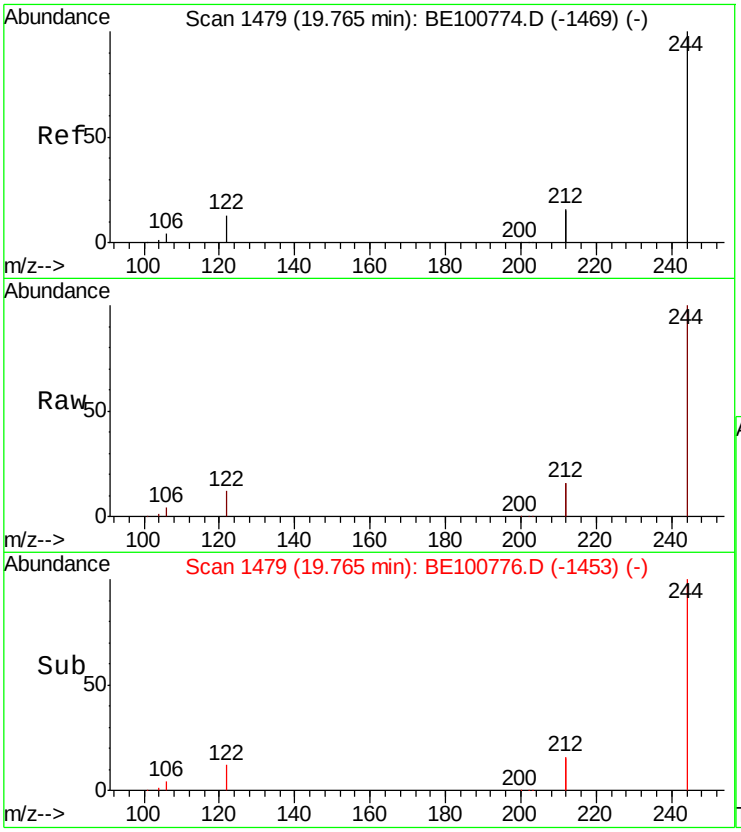


#28
Pyrene
Concen: 1.717 ng
RT: 19.55 min Scan# 1442
Delta R.T. -0.00 min
Lab File: BE100776.D
Acq: 4 Dec 2019 15:06

Tgt Ion:202 Resp: 189793

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.0	25.4
203	17.4	13.9	20.9



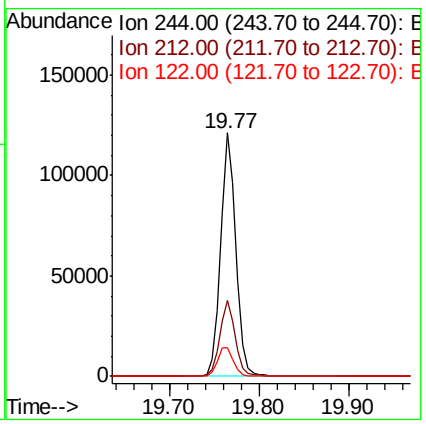


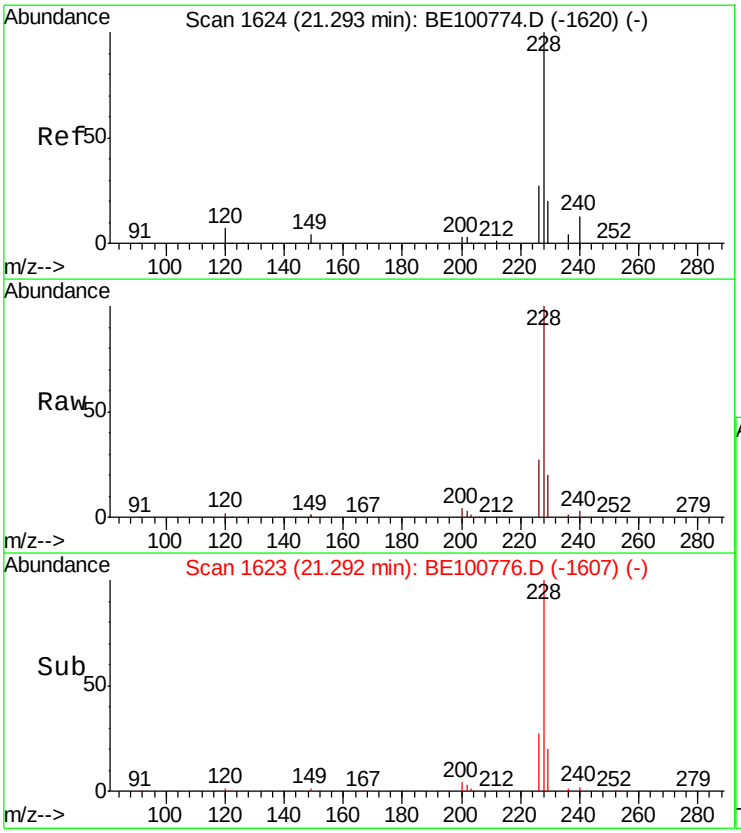
#29
Terphenyl-d14
Concen: 1.737 ng
RT: 19.77 min Scan# 1479
Delta R.T. -0.00 min
Lab File: BE100776.D
Acq: 4 Dec 2019 15:06

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:244 Resp: 142702

Ion	Ratio	Lower	Upper
244	100		
212	31.2	26.2	39.4
122	11.6	10.2	15.4

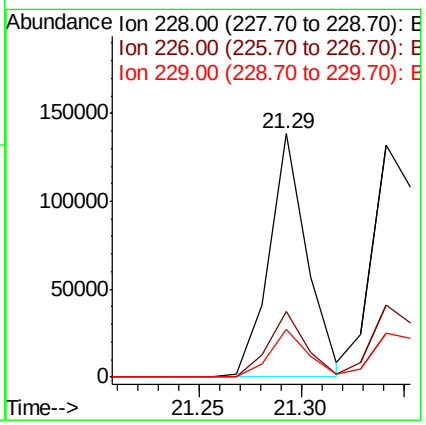


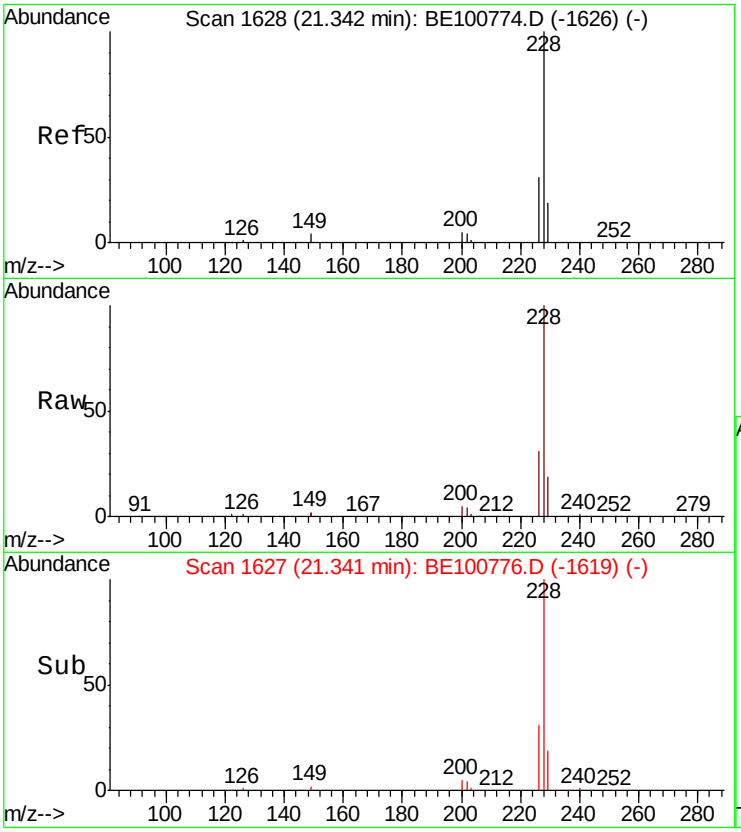


#30
Benzo(a)anthracene
Concen: 1.482 ng
RT: 21.29 min Scan# 1623
Delta R.T. -0.00 min
Lab File: BE100776.D
Acq: 4 Dec 2019 15:06

Tgt Ion:228 Resp: 178407

Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.5	32.3
229	19.6	16.0	24.0



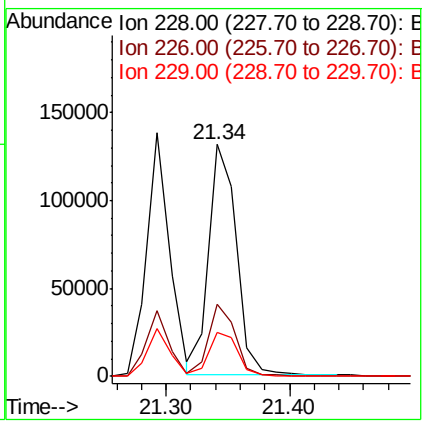


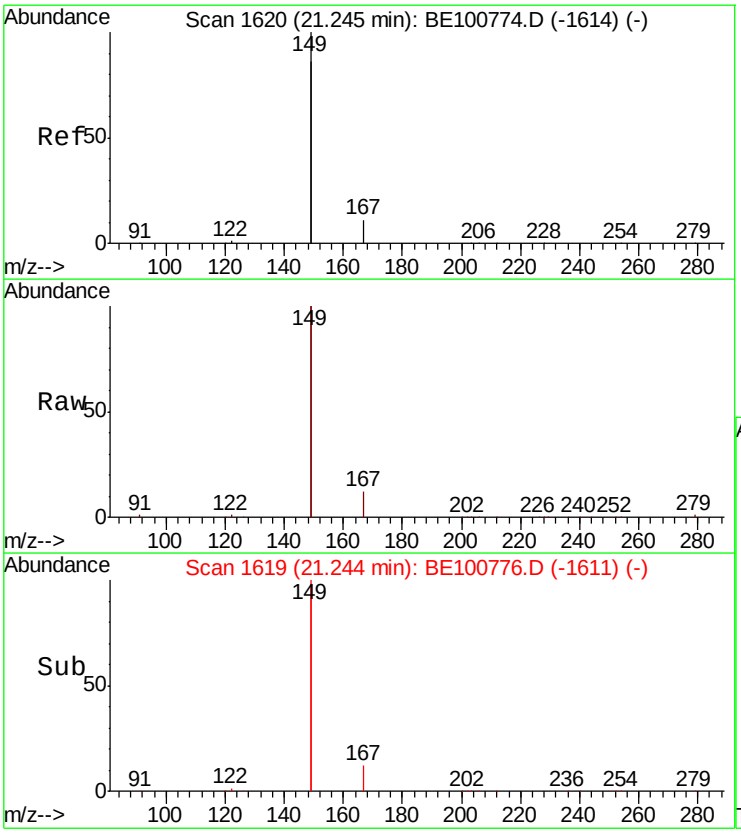
#31
Chrysene
Concen: 1.674 ng
RT: 21.34 min Scan# 1627
Delta R.T. -0.00 min
Lab File: BE100776.D
Acq: 4 Dec 2019 15:06

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:228 Resp: 204847

Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.0	37.4
229	19.0	15.4	23.2

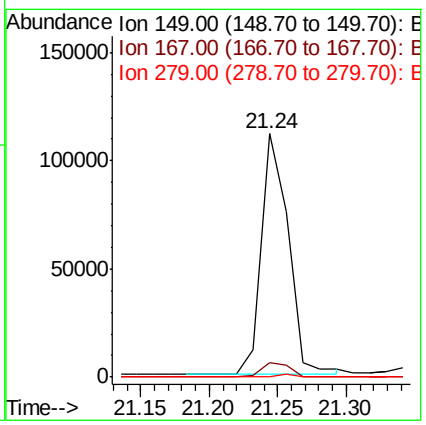


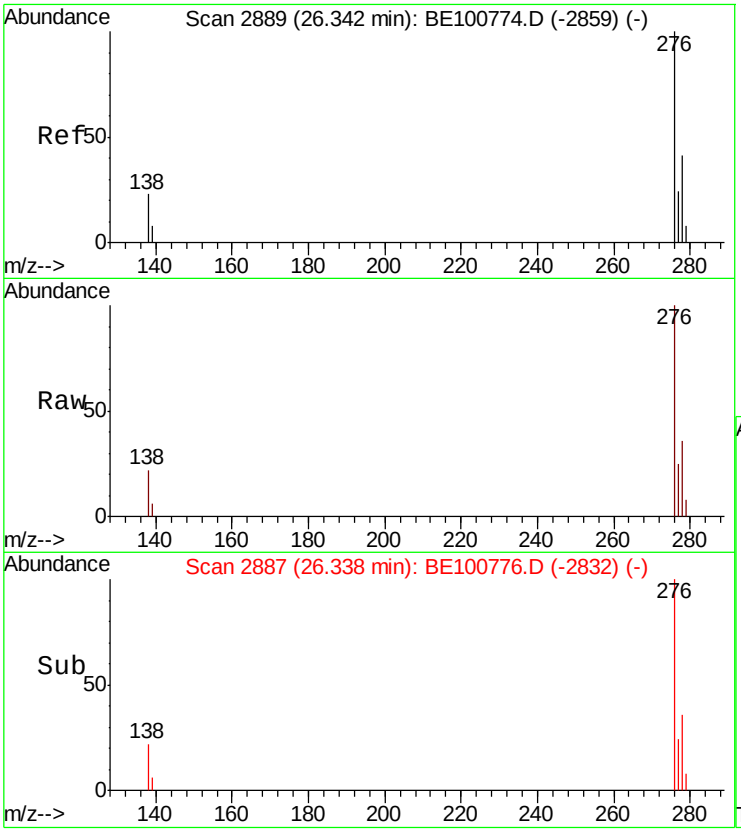


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.699 ng
RT: 21.24 min Scan# 1619
Delta R.T. -0.00 min
Lab File: BE100776.D
Acq: 4 Dec 2019 15:06

Tgt Ion:149 Resp: 151309

Ion	Ratio	Lower	Upper
149	100		
167	6.3	5.0	7.6
279	0.8	0.7	1.1



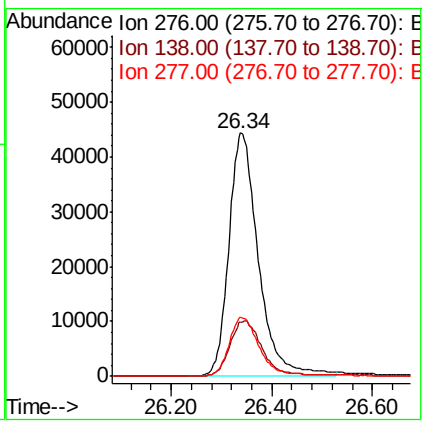


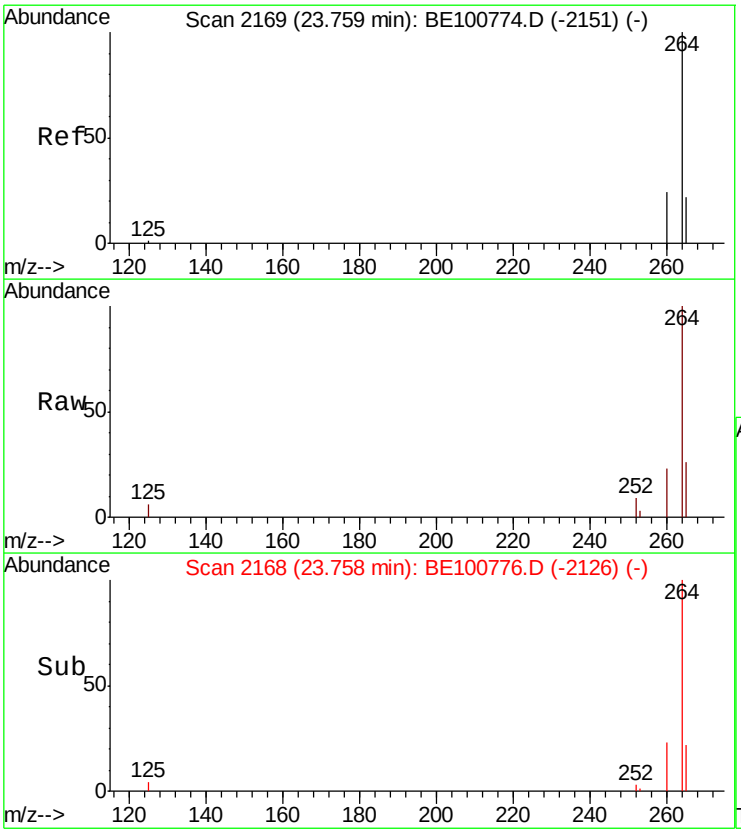
#33
Indeno(1,2,3-cd)pyrene
Concen: 1.406 ng
RT: 26.34 min Scan# 2887
Delta R.T. -0.00 min
Lab File: BE100776.D
Acq: 4 Dec 2019 15:06

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:276 Resp: 180359

Ion	Ratio	Lower	Upper
276	100		
138	24.2	19.4	29.0
277	24.7	19.8	29.6

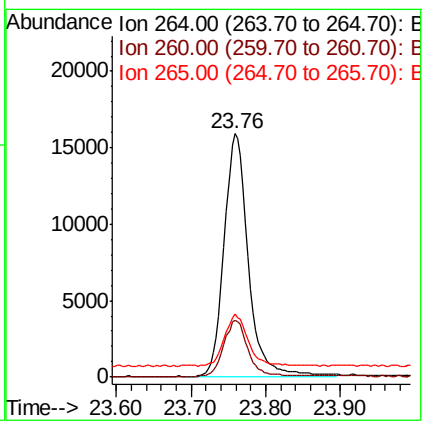


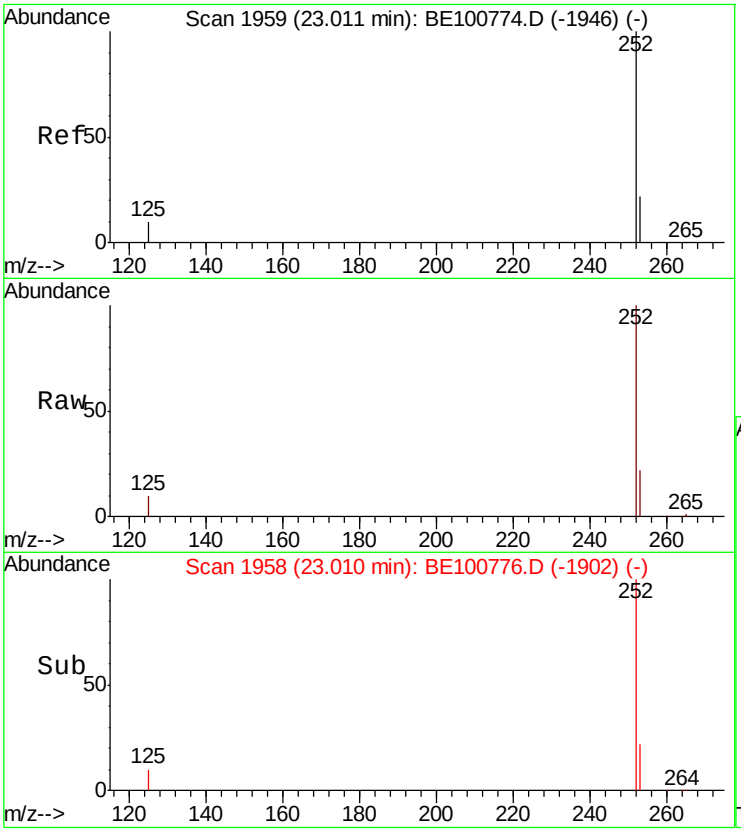


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.76 min Scan# 2168
Delta R.T. -0.00 min
Lab File: BE100776.D
Acq: 4 Dec 2019 15:06

Tgt Ion:264 Resp: 35481

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.4	29.2
265	26.0	21.8	32.8



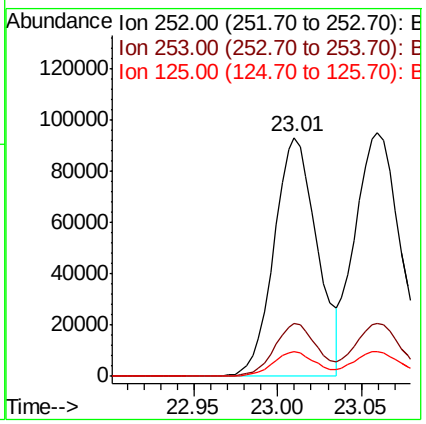


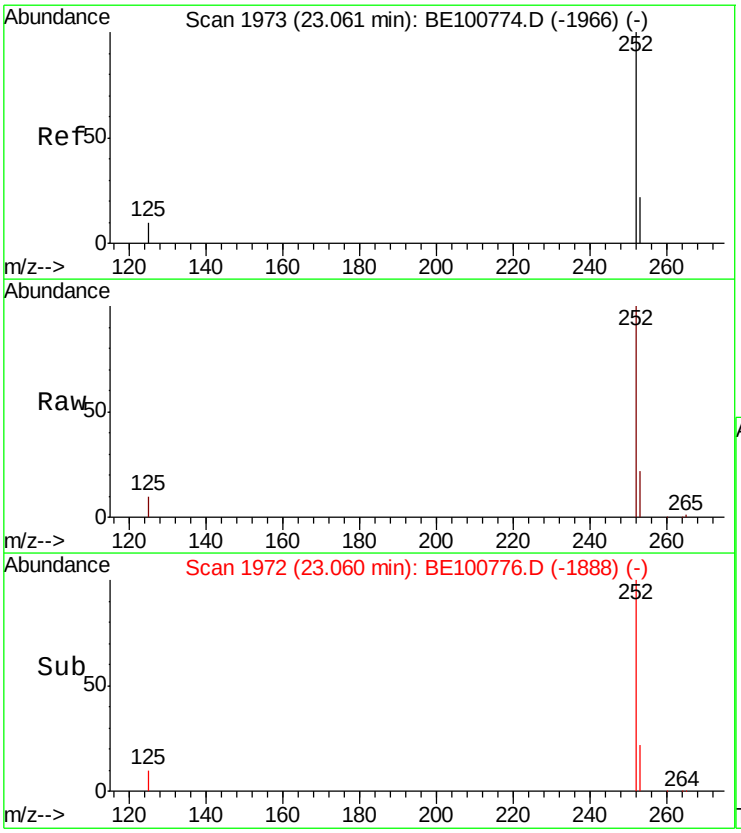
#35
Benzo(b)fluoranthene
Concen: 1.502 ng
RT: 23.01 min Scan# 1958
Delta R.T. -0.00 min
Lab File: BE100776.D
Acq: 4 Dec 2019 15:06

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:252 Resp: 167275

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.8
125	10.2	9.0	13.4

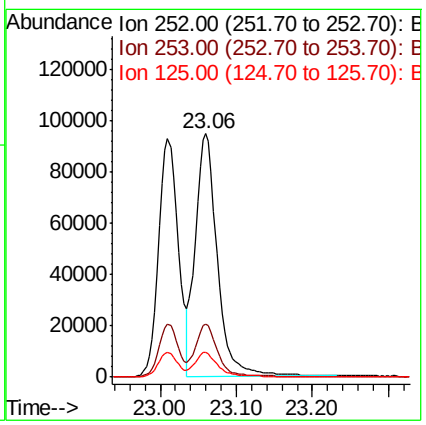


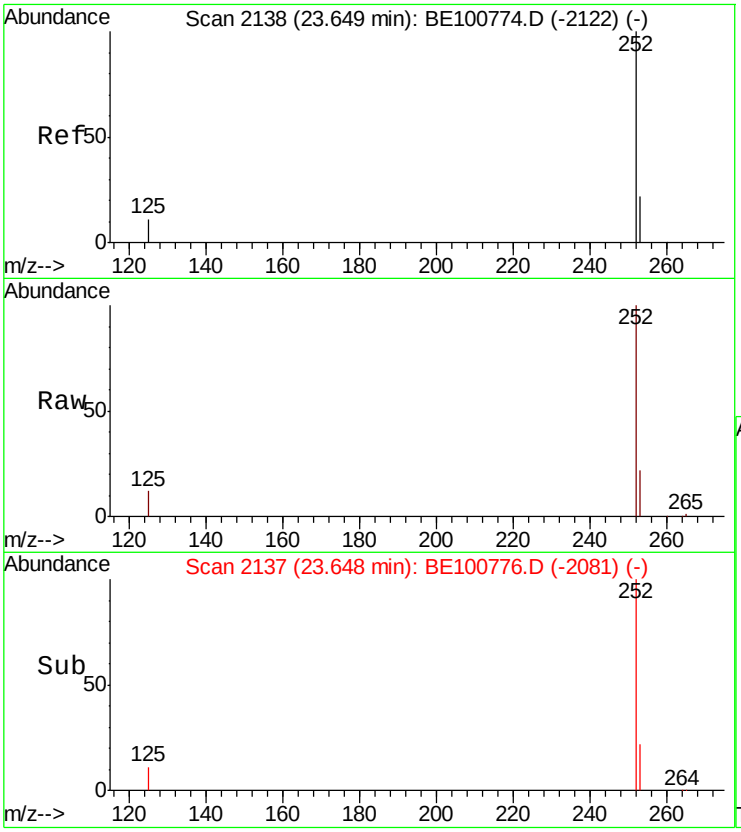


#36
Benzo(k)fluoranthene
Concen: 1.647 ng
RT: 23.06 min Scan# 1972
Delta R.T. -0.00 min
Lab File: BE100776.D
Acq: 4 Dec 2019 15:06

Tgt Ion:252 Resp: 191212

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.8
125	10.2	8.7	13.1



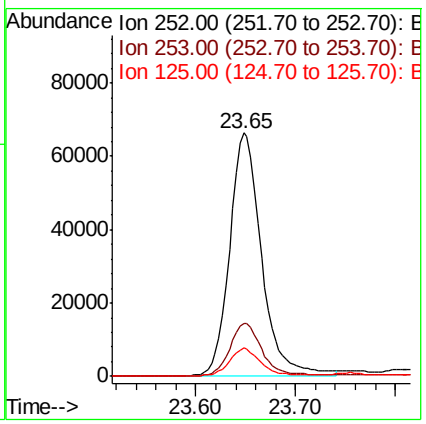


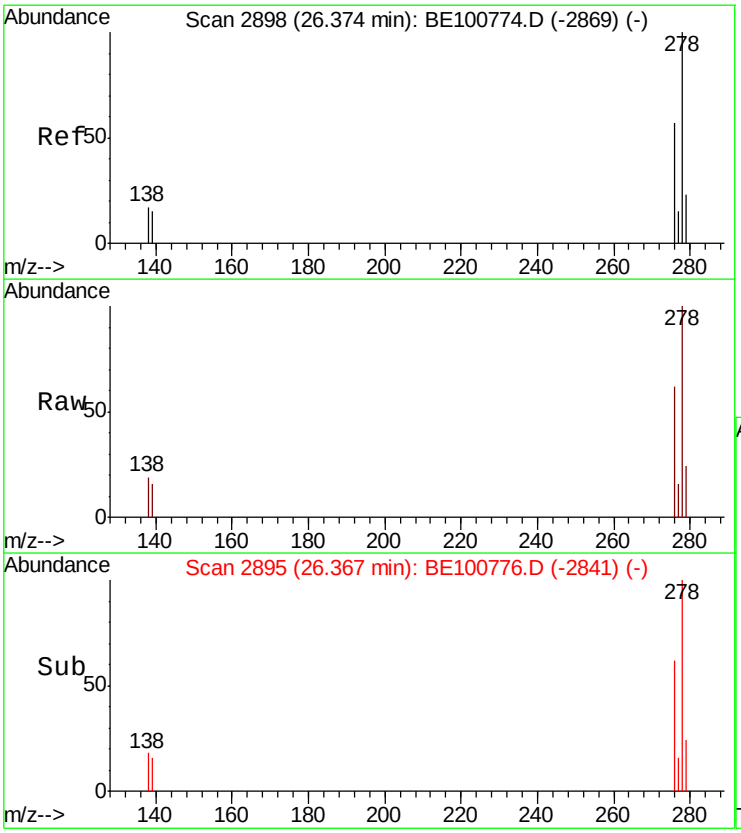
#37
Benzo(a)pyrene
Concen: 1.489 ng
RT: 23.65 min Scan# 2137
Delta R.T. -0.00 min
Lab File: BE100776.D
Acq: 4 Dec 2019 15:06

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:252 Resp: 146166

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.4
125	11.6	10.4	15.6

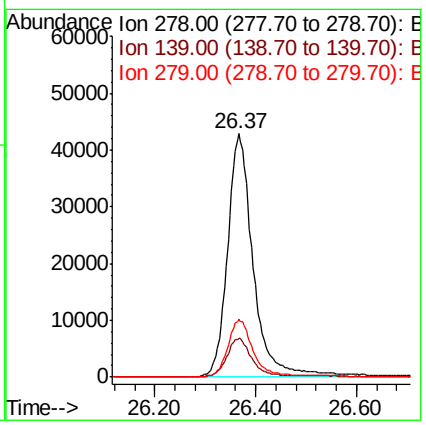


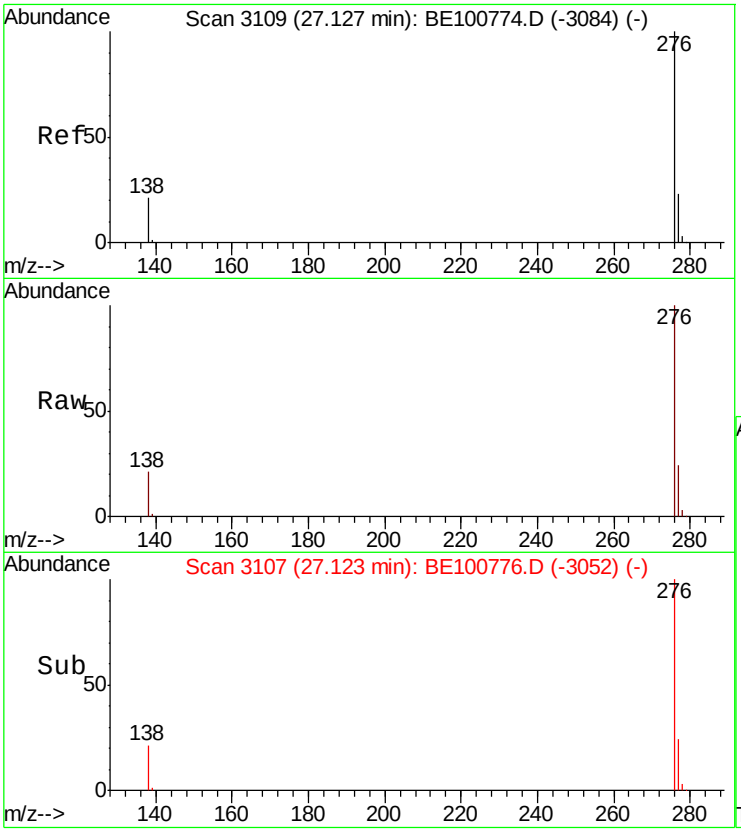


#38
Dibenzo(a,h)anthracene
Concen: 1.456 ng
RT: 26.37 min Scan# 2895
Delta R.T. -0.01 min
Lab File: BE100776.D
Acq: 4 Dec 2019 15:06

Tgt Ion:278 Resp: 150389

Ion	Ratio	Lower	Upper
278	100		
139	15.8	13.0	19.4
279	24.0	19.6	29.4





#39
Benzo(g,h,i)perylene
Concen: 1.426 ng
RT: 27.12 min Scan# 3107
Delta R.T. -0.00 min
Lab File: BE100776.D
Acq: 4 Dec 2019 15:06

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:276 Resp: 153411

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.3	28.9
138	21.3	17.8	26.6