Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122419\
Data File : BE100970.D
Acq On : 24 Dec 2019 12:16
Operator : JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC3.2

Quant Time: Dec 24 13:03:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 11:32:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	2731	0.40	ng		0.00
7) Naphthalene-d8	10.52	136	13606	0.40	ng		0.00
13) Acenaphthene-d10	14.37	164	8341	0.40	ng		-0.01
19) Phenanthrene-d10	17.11	188	18280	0.40	ng		-0.01
27) Chrysene-d12	21.29	240	21244	0.40	ng		0.00
34) Perylene-d12	23.72	264	23801	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.35	112	15711	3.22	ng		0.00
5) Phenol-d6	6.92	99	17218	2.90	ng		-0.07
8) Nitrobenzene-d5	8.89	82	29063	4.04	ng		-0.03
11) 2-Methylnaphthalene-d10	12.12	152	65811	3.21	ng		0.00
14) 2,4,6-Tribromophenol	15.86	330	8624	4.21	ng		-0.01
15) 2-Fluorobiphenyl	13.00	172	98249	3.33	ng		-0.01
25) Fluoranthene-d10	19.14	212	781024	3.41	ng		0.00
29) Terphenyl-d14	19.75	244	163701	3.38	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.32	88	17816	1.712	ng	#	82
3) n-Nitrosodimethylamine	3.63	42	10109	3.382	ng	#	82
6) bis(2-Chloroethyl)ether	7.17	93	30575	4.380	ng		86
9) Naphthalene	10.56	128	468682	3.189	ng		99
10) Hexachlorobutadiene	10.86	225	18899	3.009	ng		99
12) 2-Methylnaphthalene	12.19	142	70786	3.423	ng		98
16) Acenaphthylene	14.10	152	119155	3.467	ng		100
17) Acenaphthene	14.44	154	77598	3.320	ng		99
18) Fluorene	15.41	166	101845	3.443	ng		99
20) 4-Bromophenyl-phenylether	16.30	248	29202	3.592	ng	#	90
21) Hexachlorobenzene	16.42	284	31441	3.392	ng		99
22) Pentachlorophenol	16.77	266	4857	3.544	ng	#	80
23) Phenanthrene	17.15	178	172267	3.615	ng		99
24) Anthracene	17.24	178	136422	4.261	ng		99
26) Fluoranthene	19.17	202	232798	3.520	ng		98
28) Pyrene	19.53	202	238395	3.139	ng		99
30) Benzo(a)anthracene	21.27	228	209719	3.766	ng		99
31) Chrysene	21.33	228	225406	3.212	ng		99
32) Bis(2-ethylhexyl)phthalate	21.22	149	397064	2.266	ng		100
33) Indeno(1,2,3-cd)pyrene	26.28	276	244200	3.326	ng	#	91
35) Benzo(b)fluoranthene	22.98	252	203321	3.852	ng		97
36) Benzo(k)fluoranthene	23.02	252	289205	4.106	ng		95
37) Benzo(a)pyrene	23.61	252	204766	3.406	ng	#	92
38) Dibenzo(a,h)anthracene	26.31	278	192778	3.807	ng		96
39) Benzo(g,h,i)perylene	27.06	276	217868	3.481	ng		97

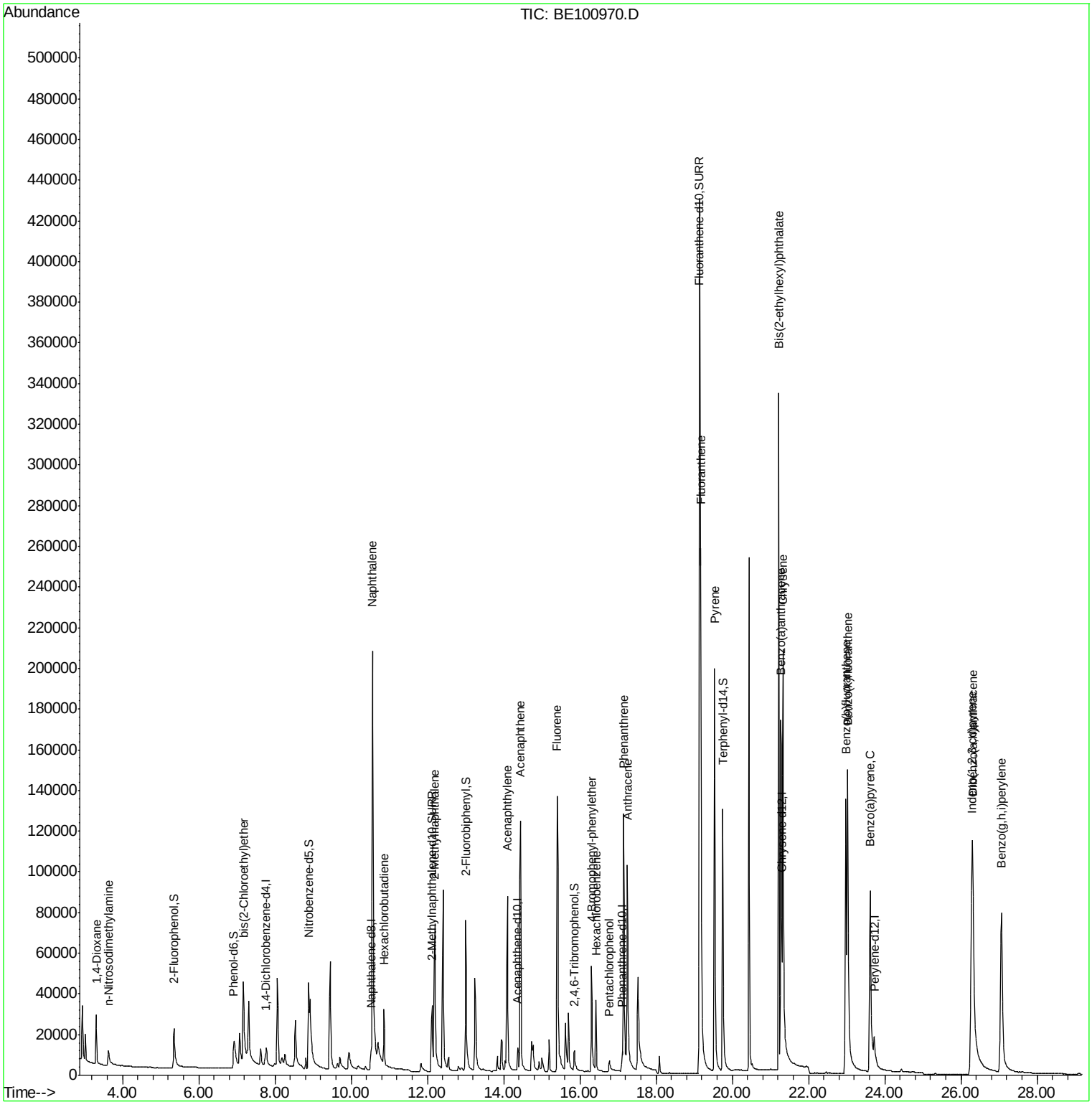
(#) = qualifier out of range (m) = manual integration (+) = signals summed

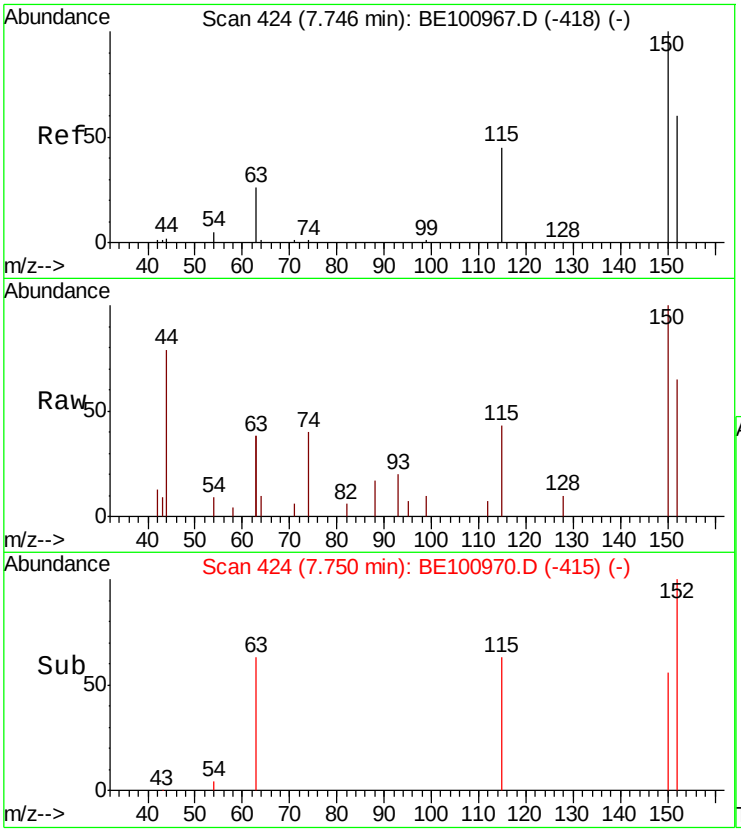
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122419\
Data File : BE100970.D
Acq On : 24 Dec 2019 12:16
Operator : JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Quant Time: Dec 24 13:03:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 11:32:12 2019
Response via : Initial Calibration



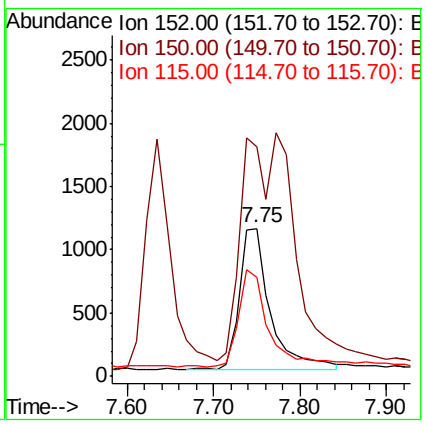


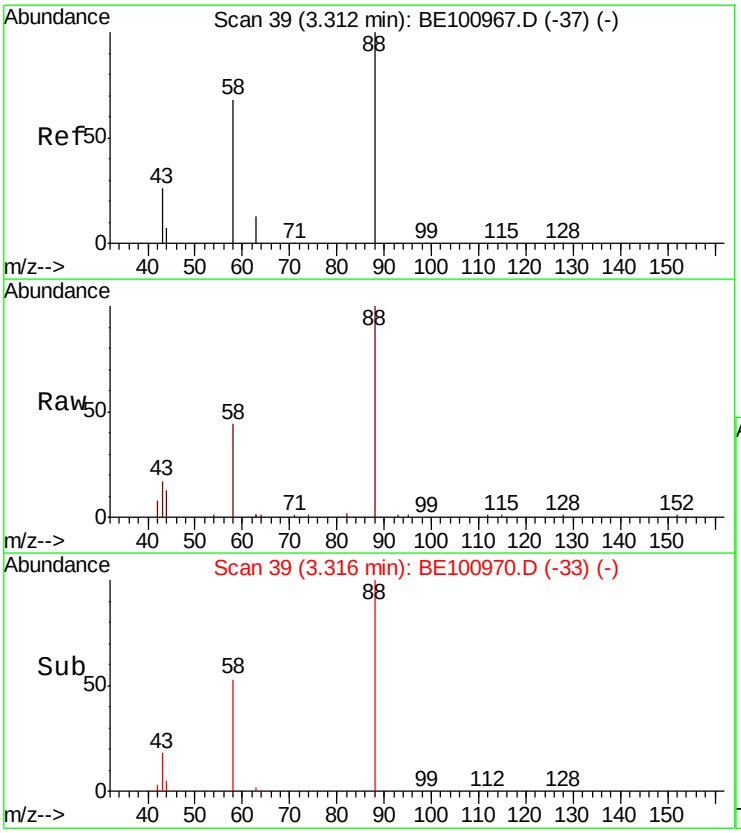
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.75 min Scan# 424
Delta R.T. 0.00 min
Lab File: BE100970.D
Acq: 24 Dec 2019 12:16

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 2731

Ion	Ratio	Lower	Upper
152	100		
150	155.0	132.6	199.0
115	66.6	64.1	96.1

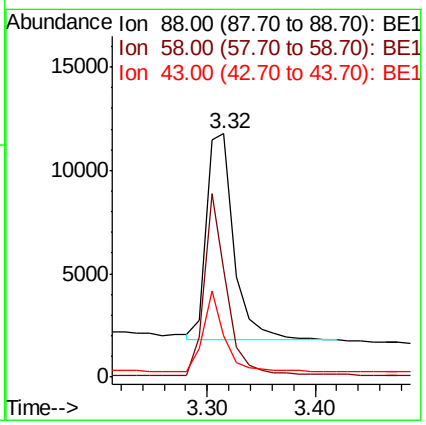


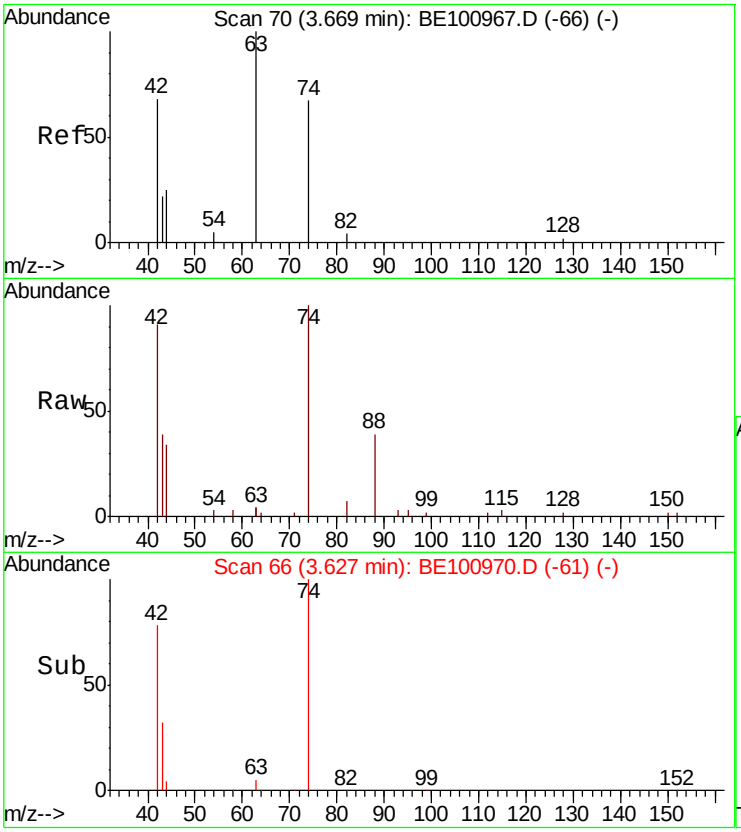


#2
1,4-Dioxane
Concen: 1.712 ng
RT: 3.32 min Scan# 39
Delta R.T. 0.00 min
Lab File: BE100970.D
Acq: 24 Dec 2019 12:16

Tgt Ion: 88 Resp: 17816

Ion	Ratio	Lower	Upper
88	100		
58	72.2	44.2	66.4#
43	30.4	21.0	31.6



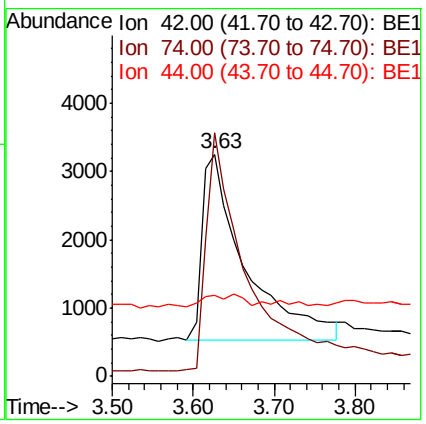


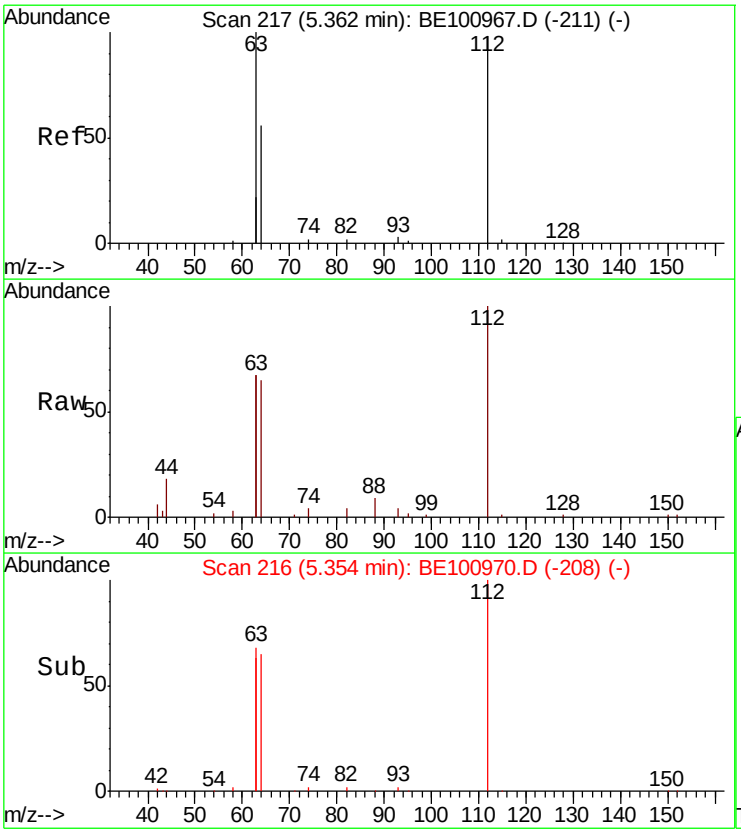
#3
n-Nitrosodimethylamine
Concen: 3.382 ng
RT: 3.63 min Scan# 66
Delta R.T. -0.04 min
Lab File: BE100970.D
Acq: 24 Dec 2019 12:16

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion: 42 Resp: 10109

Ion	Ratio	Lower	Upper
42	100		
74	122.8	116.6	174.8
44	0.0	0.0	0.0

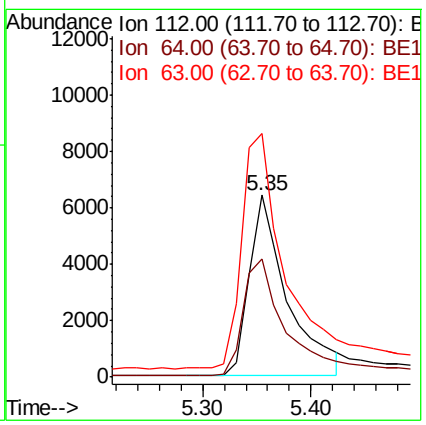


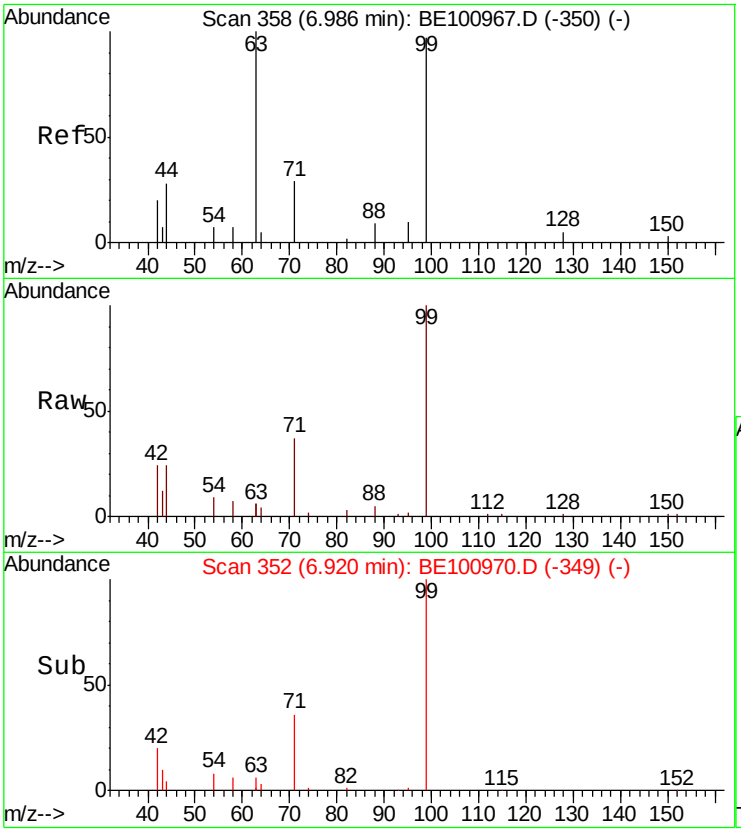


#4
2-Fluorophenol
Concen: 3.225 ng
RT: 5.35 min Scan# 216
Delta R.T. -0.01 min
Lab File: BE100970.D
Acq: 24 Dec 2019 12:16

Tgt Ion:112 Resp: 15711

Ion	Ratio	Lower	Upper
112	100		
64	69.4	59.0	88.6
63	144.8	121.4	182.0



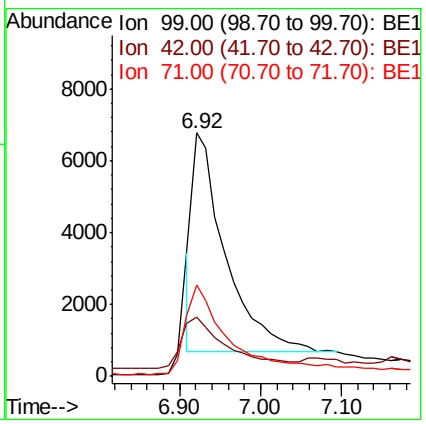


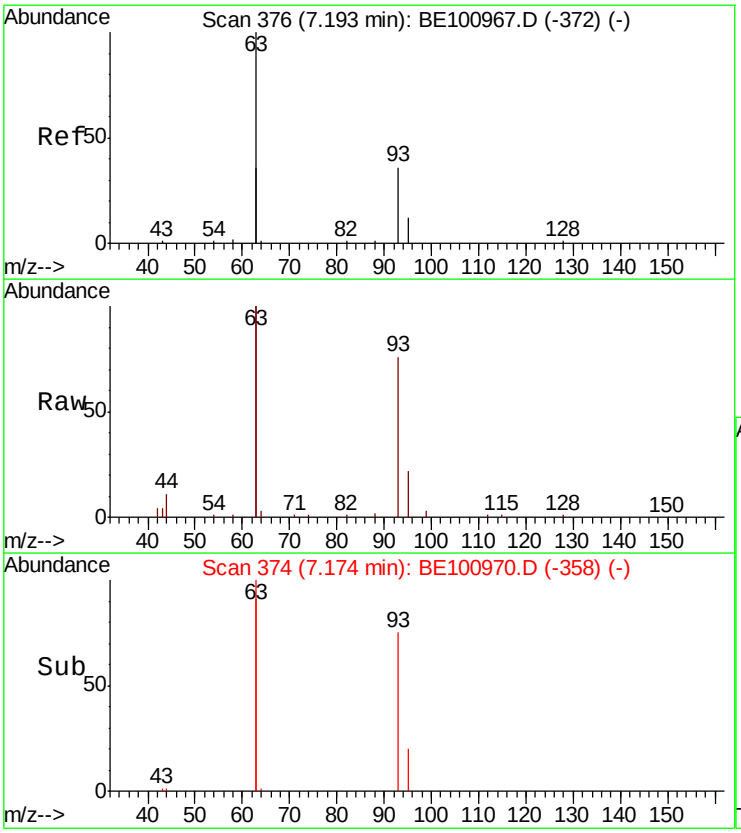
#5
Phenol-d6
Concen: 2.896 ng
RT: 6.92 min Scan# 352
Delta R.T. -0.07 min
Lab File: BE100970.D
Acq: 24 Dec 2019 12:16

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion: 99 Resp: 17218

Ion	Ratio	Lower	Upper
99	100		
42	17.2	0.0	0.0#
71	34.6	0.0	0.0#

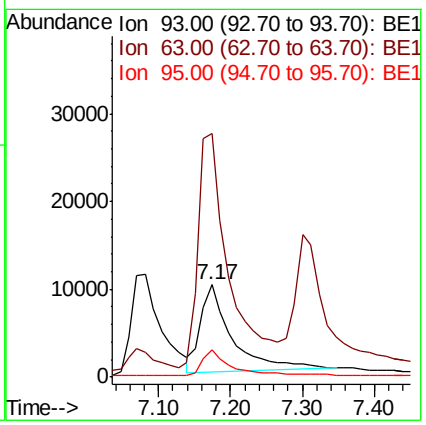


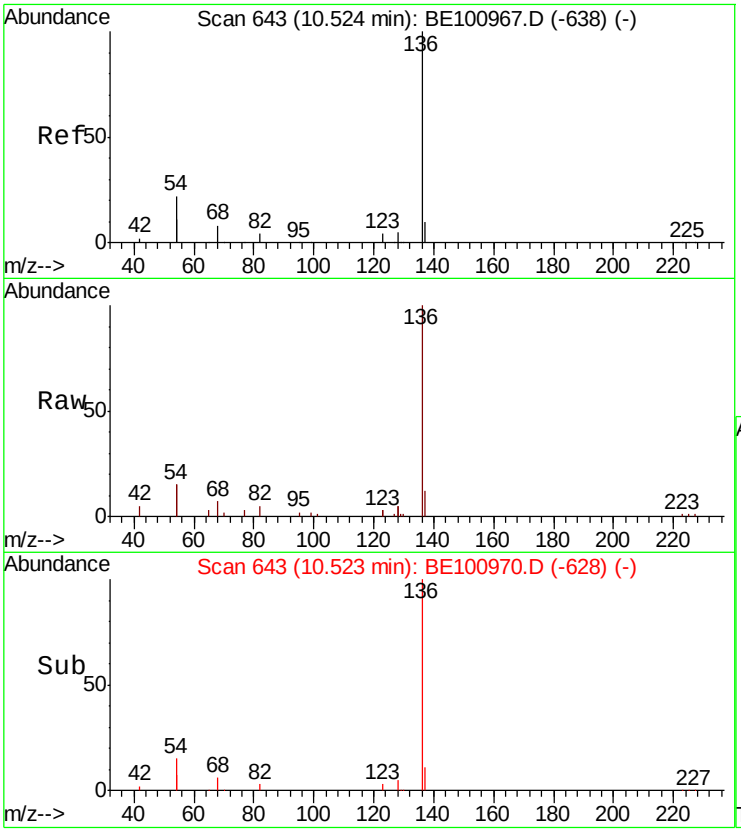


#6
bis(2-Chloroethyl)ether
Concen: 4.380 ng
RT: 7.17 min Scan# 374
Delta R.T. -0.02 min
Lab File: BE100970.D
Acq: 24 Dec 2019 12:16

Tgt Ion: 93 Resp: 30575

Ion	Ratio	Lower	Upper
93	100		
63	257.5	228.3	342.5
95	28.5	25.9	38.9



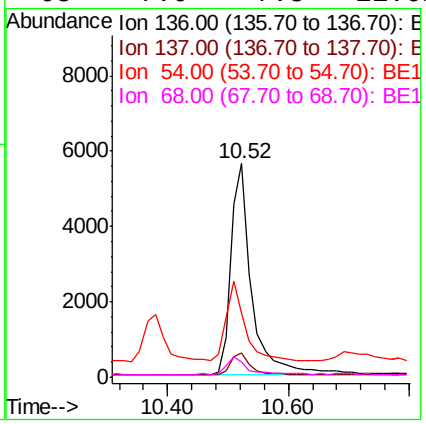


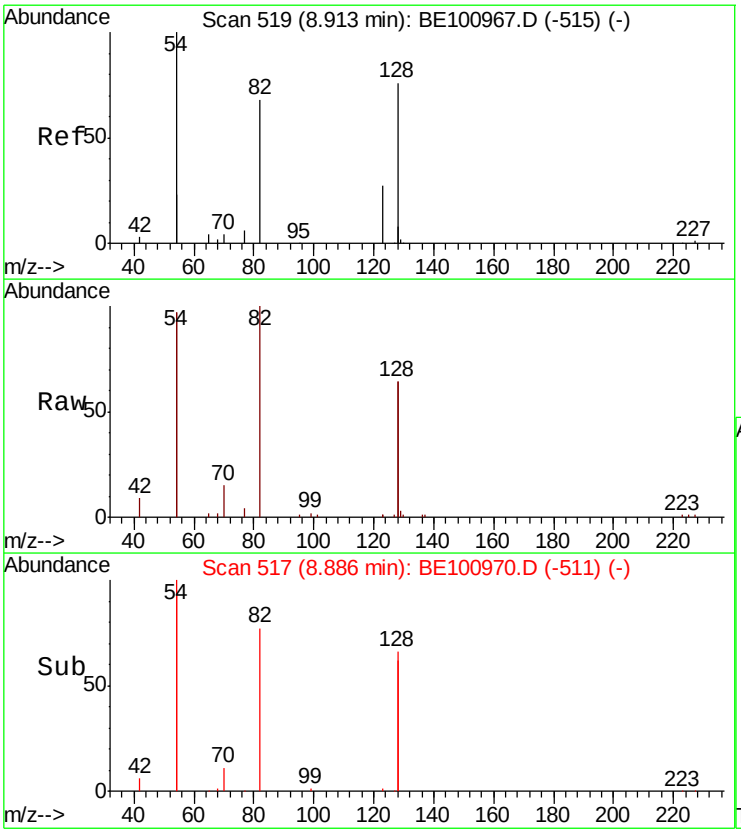
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.52 min Scan# 643
Delta R.T. -0.00 min
Lab File: BE100970.D
Acq: 24 Dec 2019 12:16

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:136 Resp: 13606

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.0	13.6
54	30.2	34.4	51.6#
68	7.0	7.8	11.6#

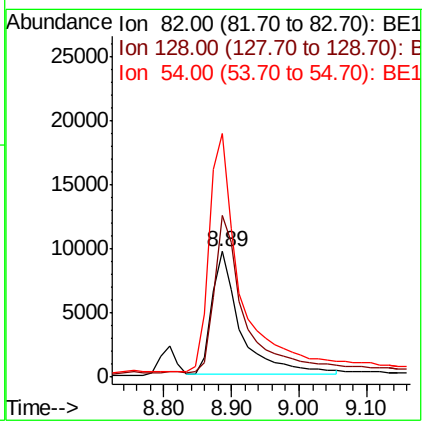


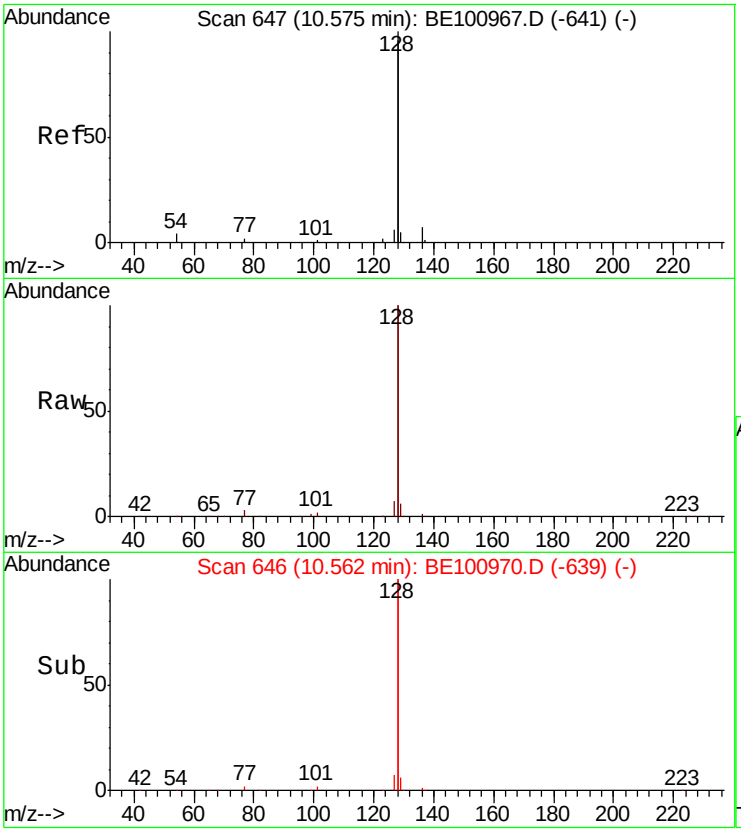


#8
Nitrobenzene-d5
Concen: 4.041 ng
RT: 8.89 min Scan# 517
Delta R.T. -0.03 min
Lab File: BE100970.D
Acq: 24 Dec 2019 12:16

Tgt Ion: 82 Resp: 29063

Ion	Ratio	Lower	Upper
82	100		
128	128.6	140.2	210.2#
54	194.4	183.8	275.6



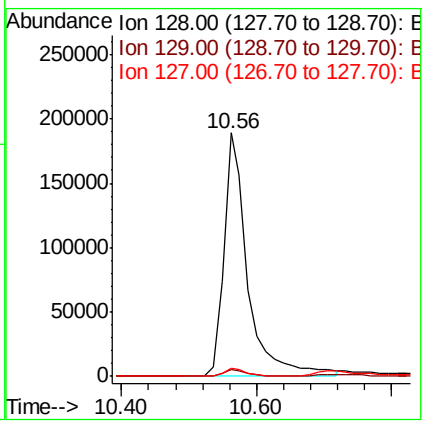


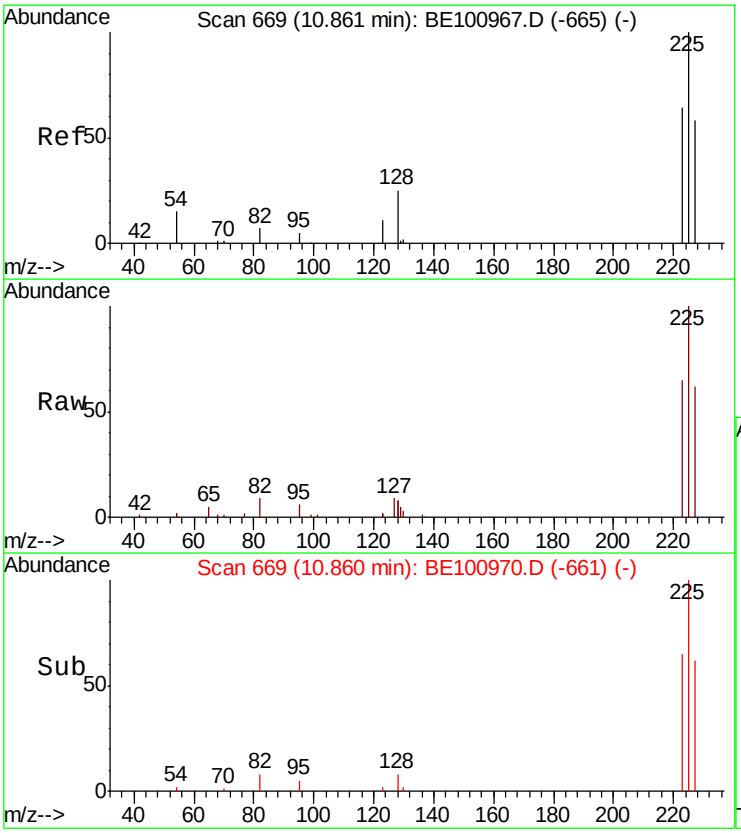
#9
Naphthalene
Concen: 3.189 ng
RT: 10.56 min Scan# 646
Delta R.T. -0.01 min
Lab File: BE100970.D
Acq: 24 Dec 2019 12:16

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:128 Resp: 468682

Ion	Ratio	Lower	Upper
128	100		
129	2.8	2.6	3.8
127	3.3	2.8	4.2

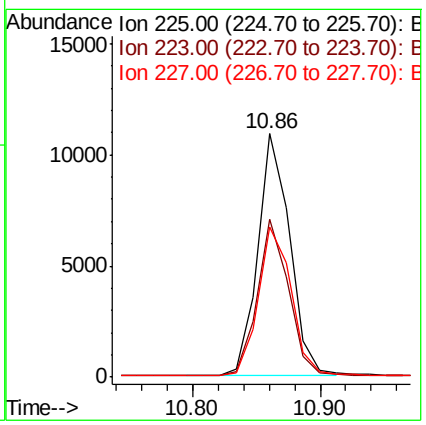


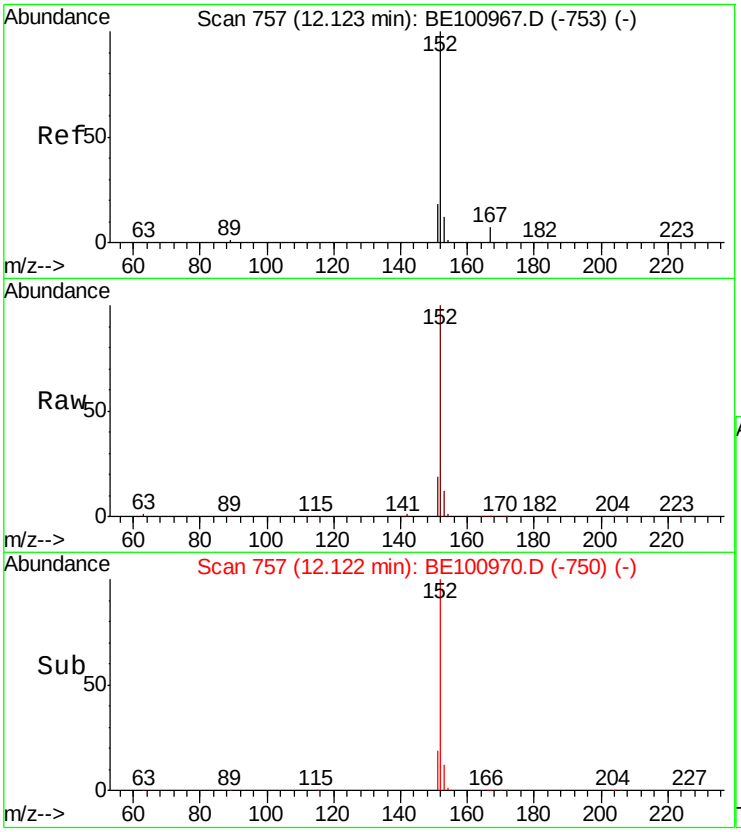


#10
Hexachlorobutadiene
Concen: 3.009 ng
RT: 10.86 min Scan# 669
Delta R.T. -0.00 min
Lab File: BE100970.D
Acq: 24 Dec 2019 12:16

Tgt Ion:225 Resp: 18899

Ion	Ratio	Lower	Upper
225	100		
223	63.1	51.4	77.0
227	63.7	50.2	75.2



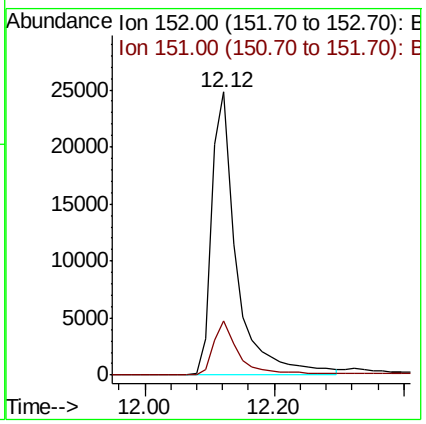


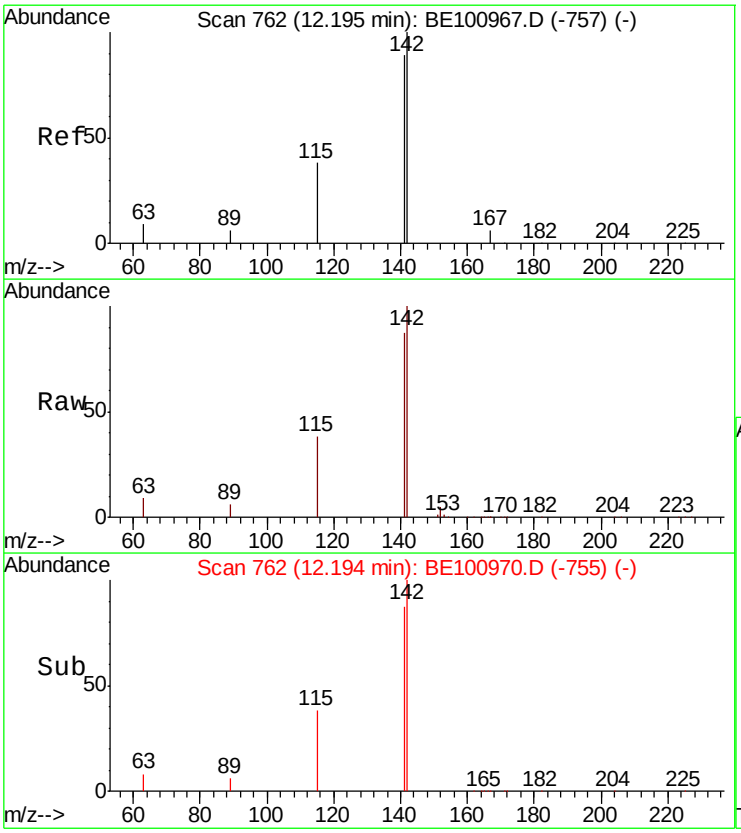
#11
2-Methylnaphthalene-d10
Concen: 3.213 ng
RT: 12.12 min Scan# 757
Delta R.T. -0.00 min
Lab File: BE100970.D
Acq: 24 Dec 2019 12:16

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 65811

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.1	22.7

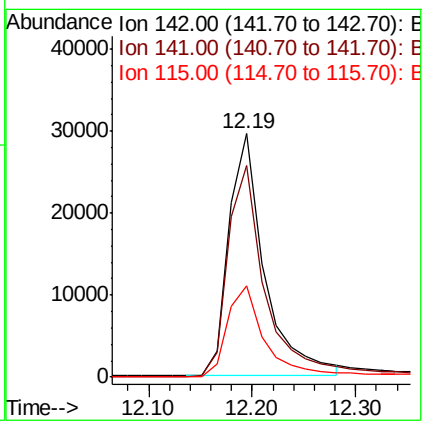


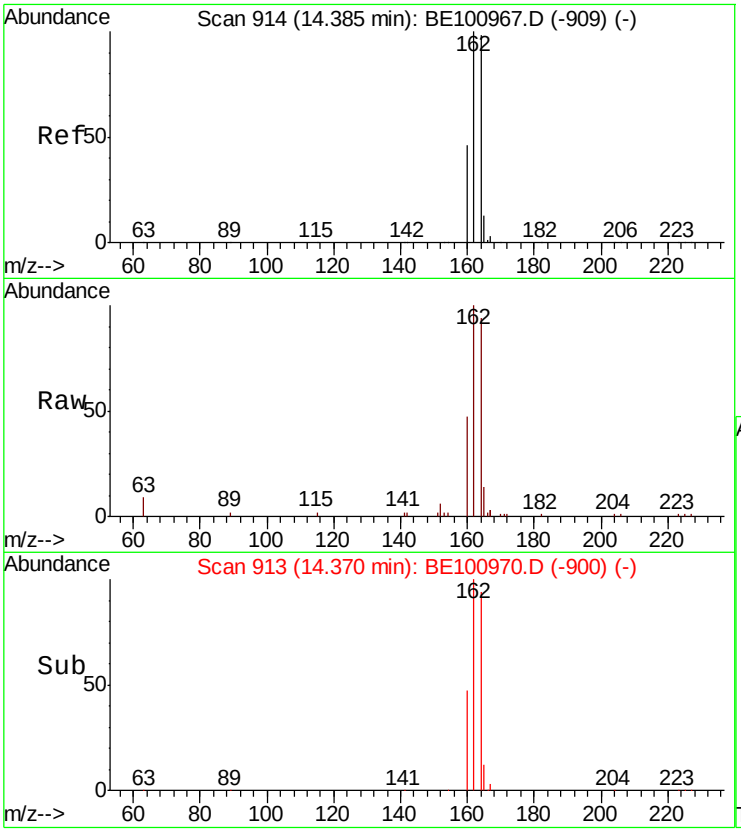


#12
2-Methylnaphthalene
Concen: 3.423 ng
RT: 12.19 min Scan# 762
Delta R.T. -0.00 min
Lab File: BE100970.D
Acq: 24 Dec 2019 12:16

Tgt Ion:142 Resp: 70786

Ion	Ratio	Lower	Upper
142	100		
141	86.9	70.8	106.2
115	37.5	32.0	48.0



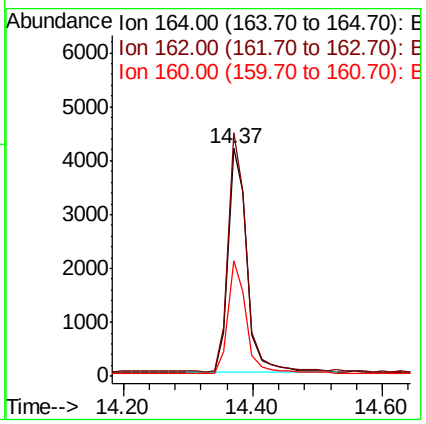


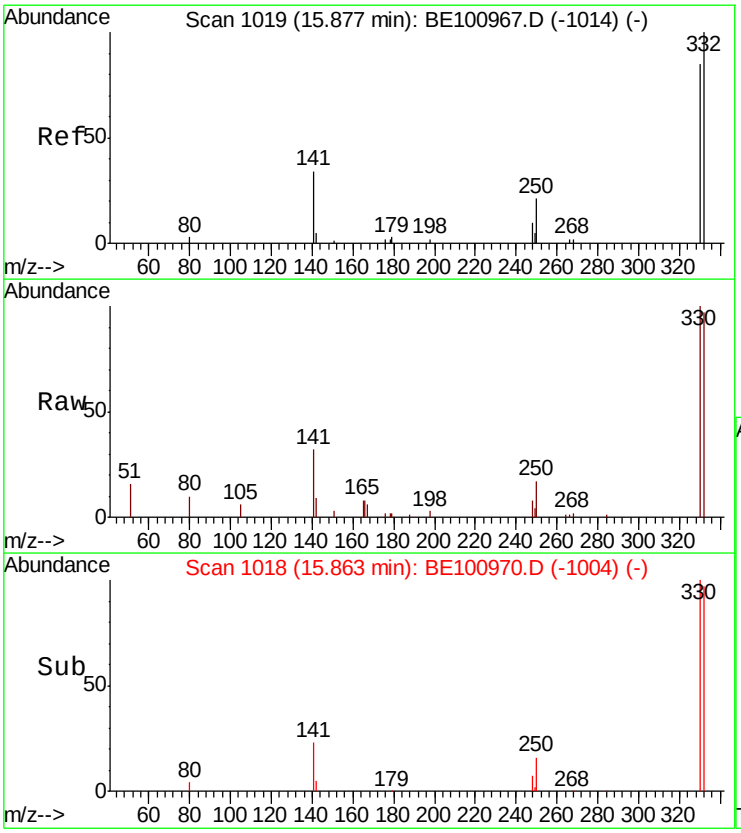
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.37 min Scan# 913
Delta R.T. -0.01 min
Lab File: BE100970.D
Acq: 24 Dec 2019 12:16

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:164 Resp: 8341

Ion	Ratio	Lower	Upper
164	100		
162	106.7	81.6	122.4
160	50.5	37.7	56.5

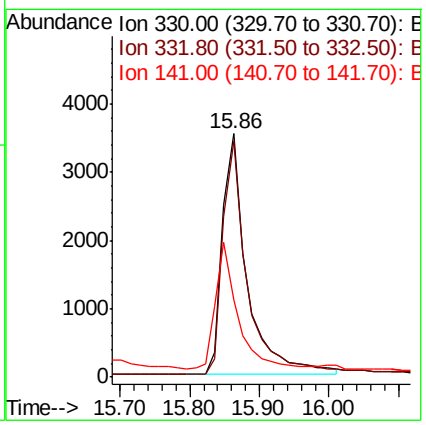


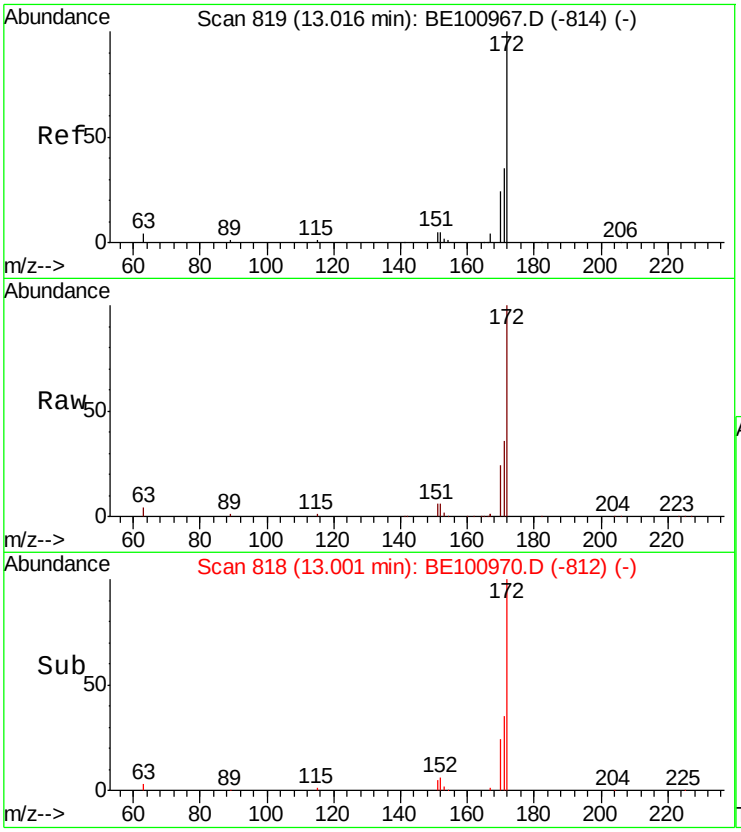


#14
2,4,6-Tribromophenol
Concen: 4.211 ng
RT: 15.86 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BE100970.D
Acq: 24 Dec 2019 12:16

Tgt Ion:330 Resp: 8624

Ion	Ratio	Lower	Upper
330	100		
332	96.5	72.4	108.6
141	47.5	25.4	38.2#



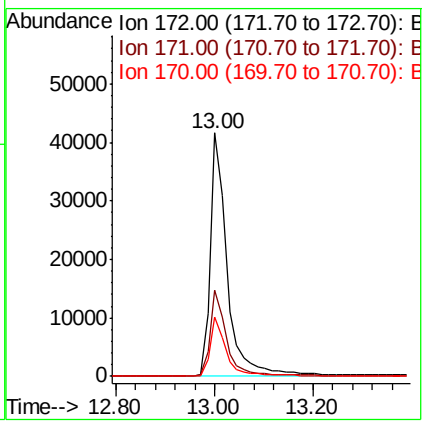


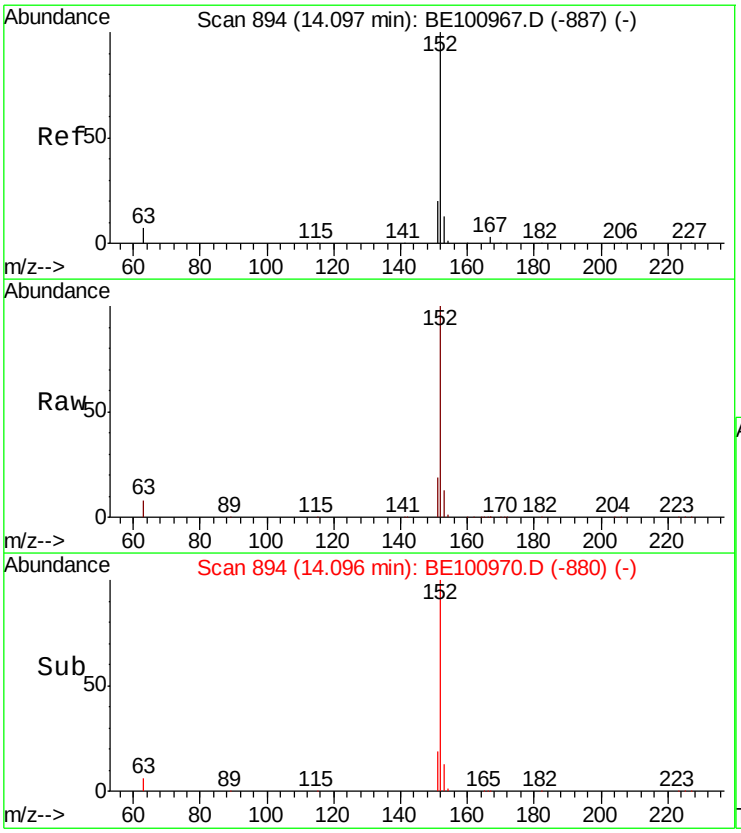
#15
2-Fluorobiphenyl
Concen: 3.330 ng
RT: 13.00 min Scan# 818
Delta R.T. -0.01 min
Lab File: BE100970.D
Acq: 24 Dec 2019 12:16

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:172 Resp: 98249

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.0	43.6
170	24.4	20.0	30.0

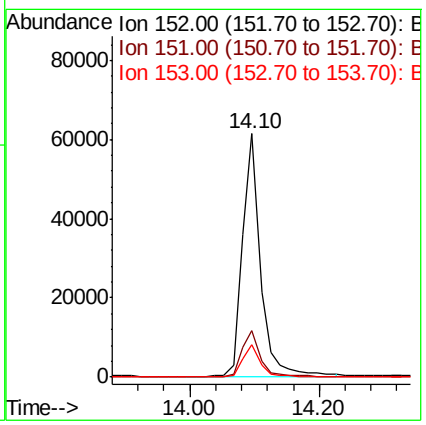


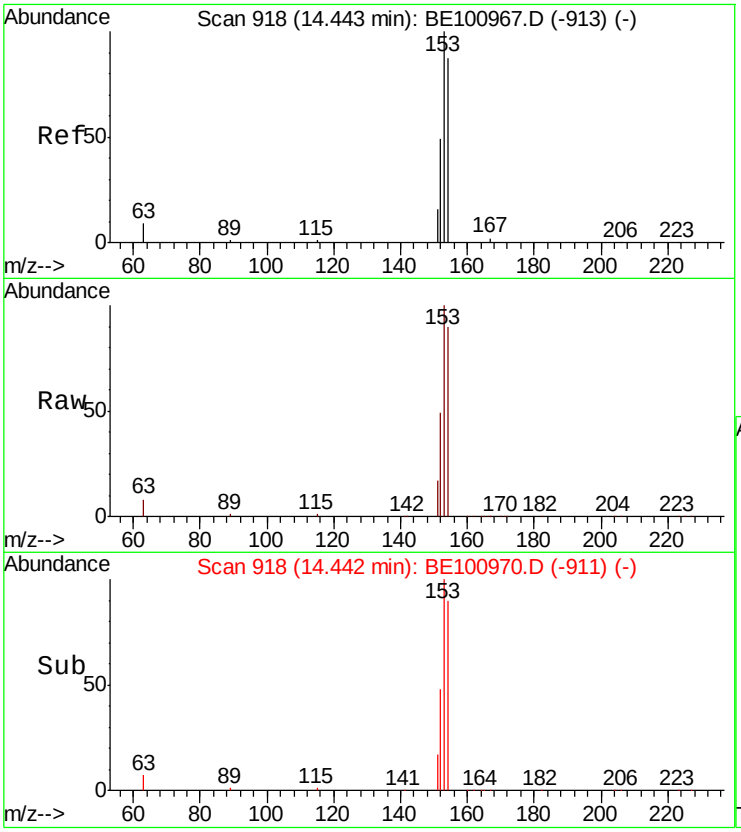


#16
Acenaphthylene
Concen: 3.467 ng
RT: 14.10 min Scan# 894
Delta R.T. -0.00 min
Lab File: BE100970.D
Acq: 24 Dec 2019 12:16

Tgt Ion:152 Resp: 119155

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.5	23.3
153	12.9	10.5	15.7



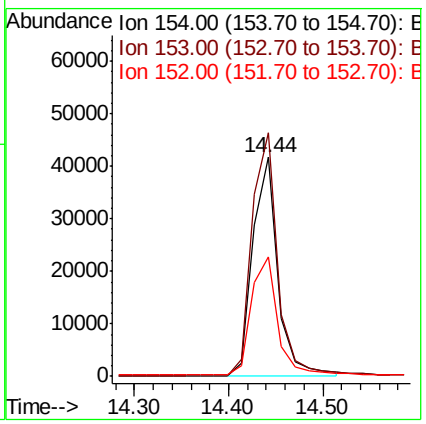


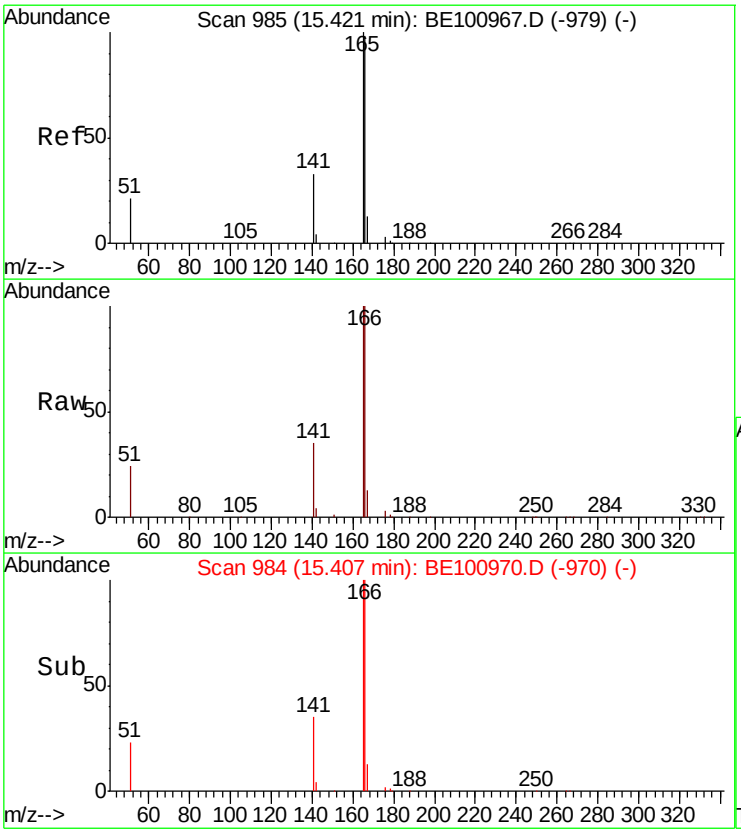
#17
Acenaphthene
Concen: 3.320 ng
RT: 14.44 min Scan# 918
Delta R.T. -0.00 min
Lab File: BE100970.D
Acq: 24 Dec 2019 12:16

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:154 Resp: 77598

Ion	Ratio	Lower	Upper
154	100		
153	113.7	91.7	137.5
152	56.4	44.5	66.7

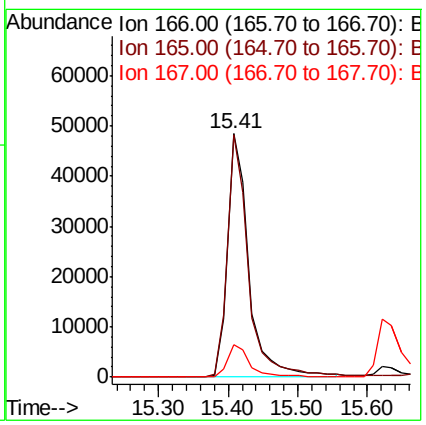


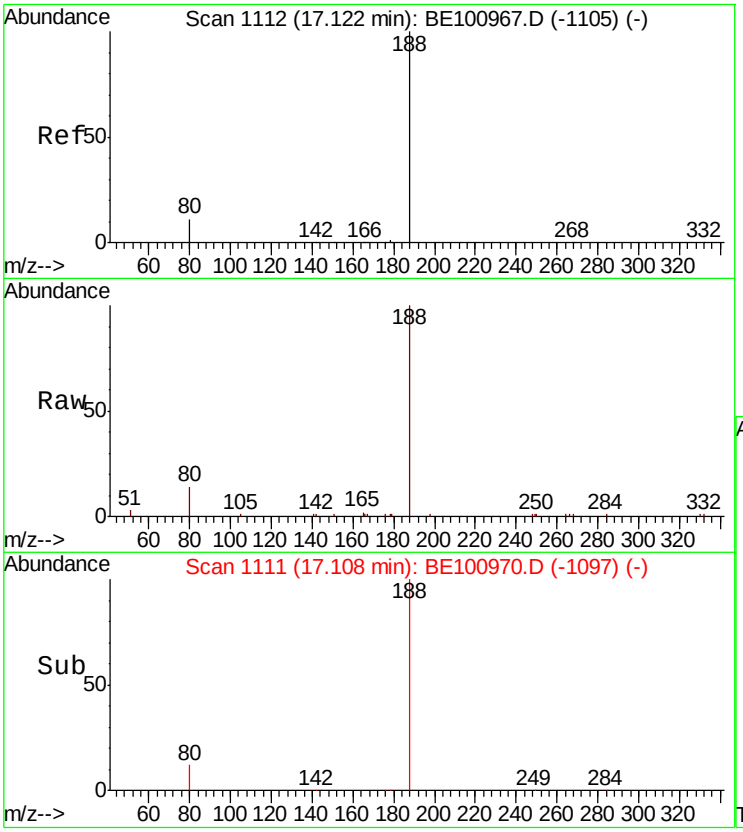


#18
Fluorene
Concen: 3.443 ng
RT: 15.41 min Scan# 984
Delta R.T. -0.01 min
Lab File: BE100970.D
Acq: 24 Dec 2019 12:16

Tgt Ion:166 Resp: 101845

Ion	Ratio	Lower	Upper
166	100		
165	98.0	79.4	119.0
167	13.4	10.6	15.8



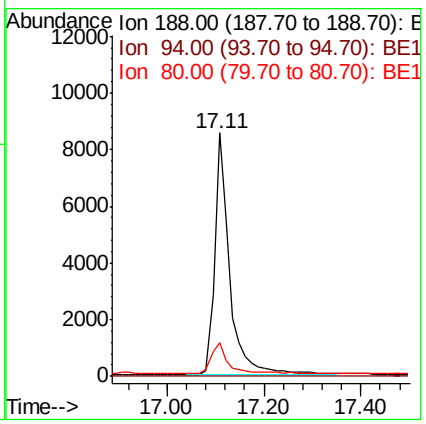


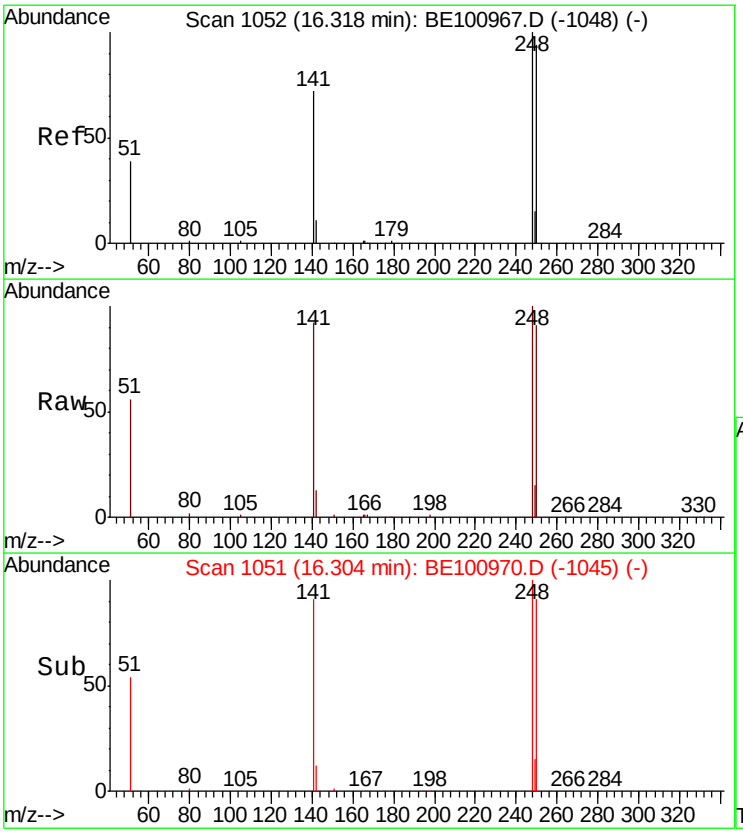
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.11 min Scan# 1111
Delta R.T. -0.01 min
Lab File: BE100970.D
Acq: 24 Dec 2019 12:16

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:188 Resp: 18280

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.6	9.7	14.5

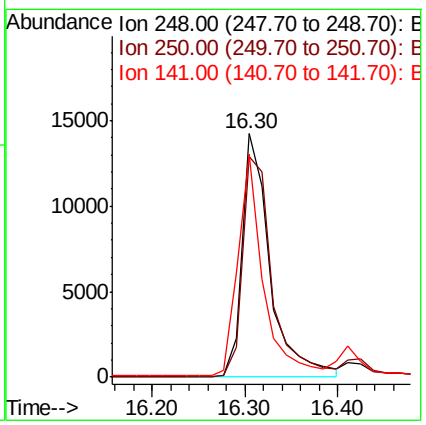


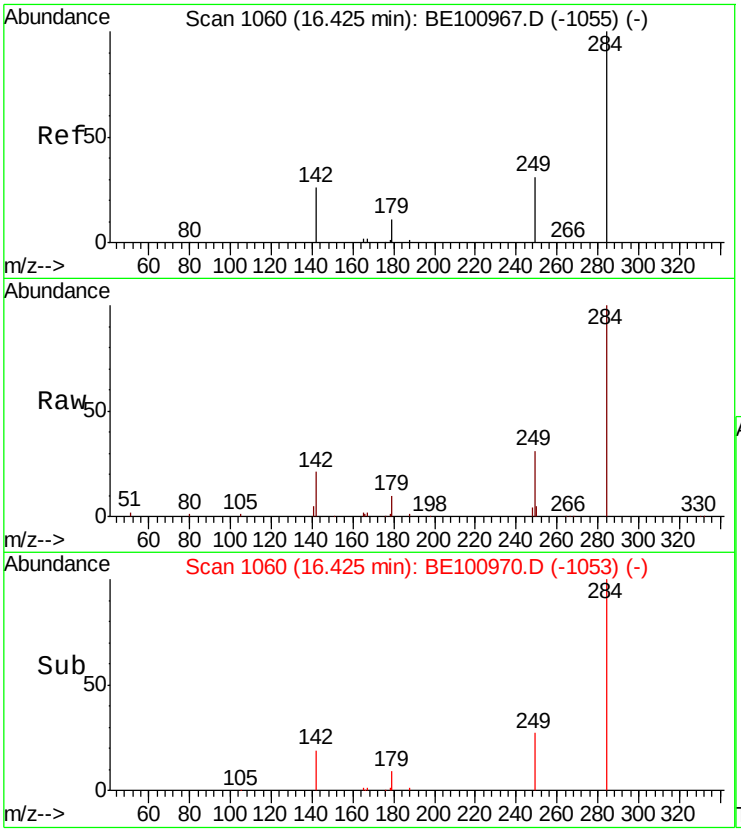


#20
4-Bromophenyl-phenylether
Concen: 3.592 ng
RT: 16.30 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BE100970.D
Acq: 24 Dec 2019 12:16

Tgt Ion:248 Resp: 29202

Ion	Ratio	Lower	Upper
248	100		
250	90.8	76.0	114.0
141	91.6	61.0	91.6#



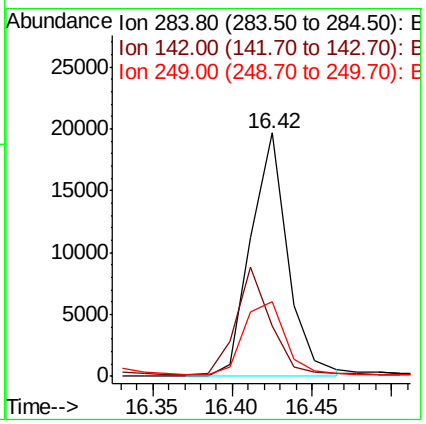


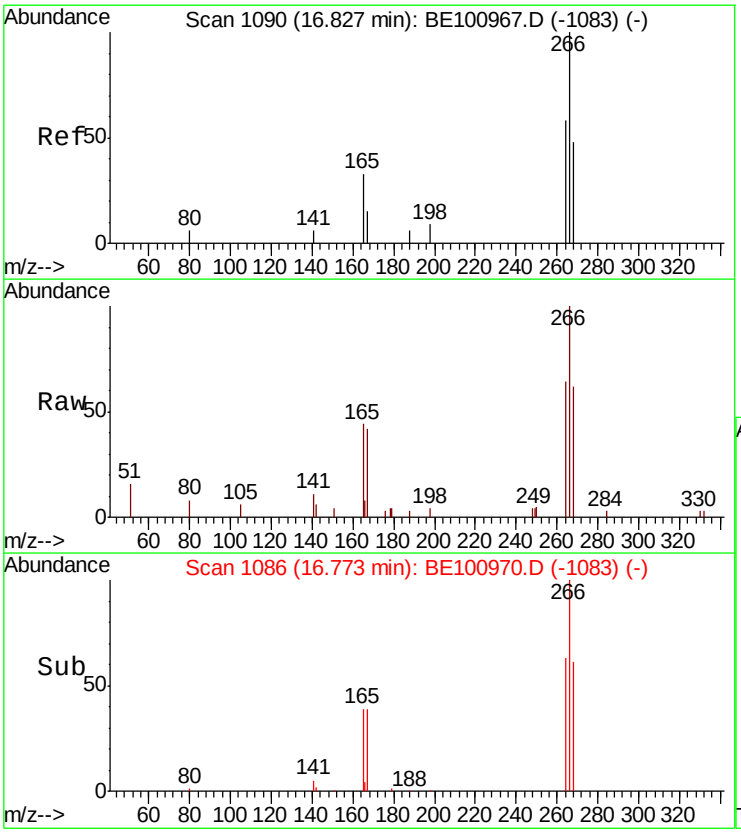
#21
Hexachlorobenzene
Concen: 3.392 ng
RT: 16.42 min Scan# 1060
Delta R.T. -0.00 min
Lab File: BE100970.D
Acq: 24 Dec 2019 12:16

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:284 Resp: 31441

Ion	Ratio	Lower	Upper
284	100		
142	41.9	33.3	49.9
249	33.4	27.2	40.8

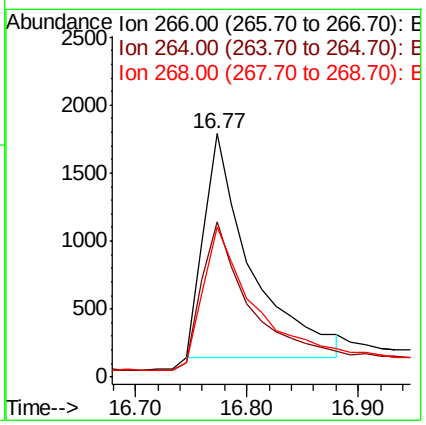


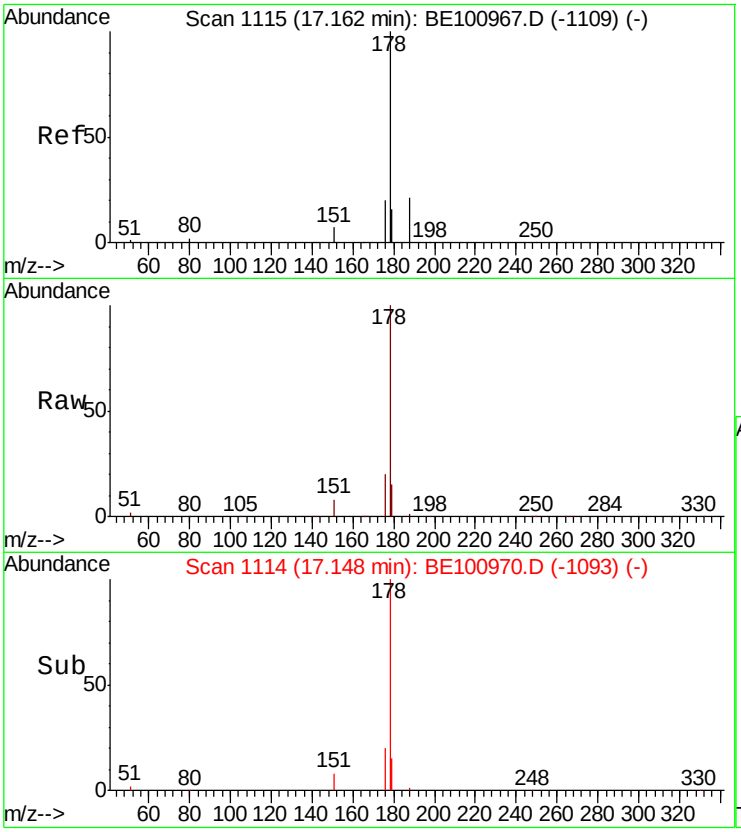


#22
Pentachlorophenol
Concen: 3.544 ng
RT: 16.77 min Scan# 1086
Delta R.T. -0.05 min
Lab File: BE100970.D
Acq: 24 Dec 2019 12:16

Tgt Ion:266 Resp: 4857

Ion	Ratio	Lower	Upper
266	100		
264	63.6	62.3	93.5
268	61.8	66.1	99.1#



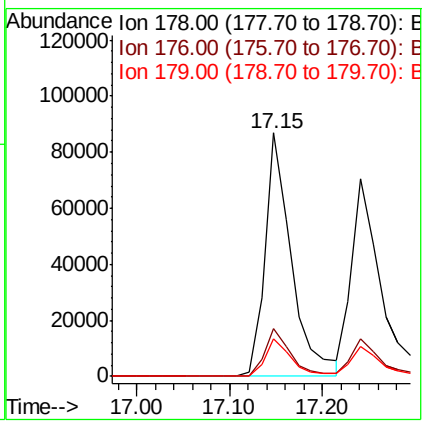


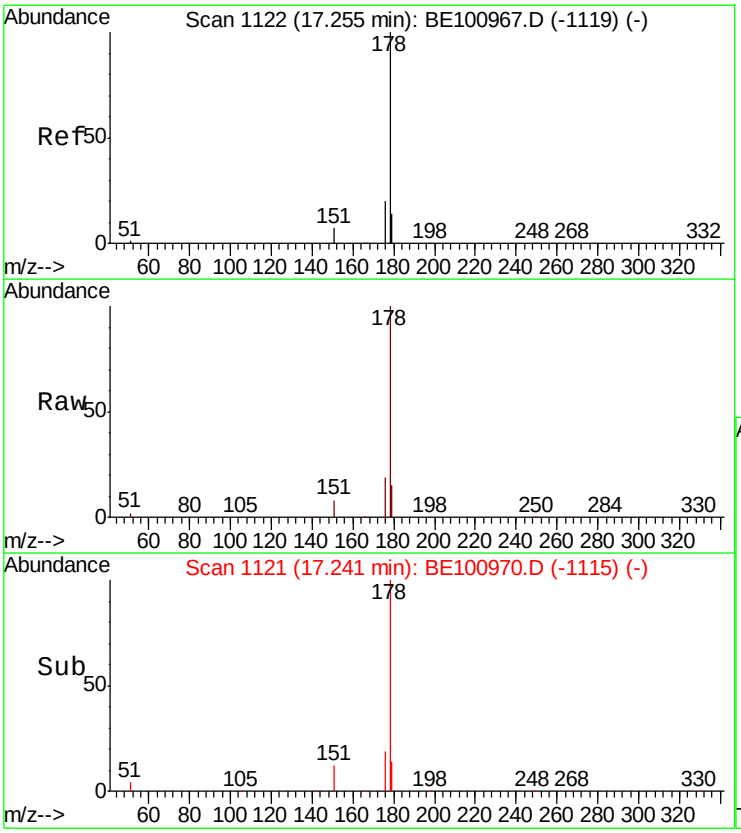
#23
Phenanthrene
Concen: 3.615 ng
RT: 17.15 min Scan# 1114
Delta R.T. -0.01 min
Lab File: BE100970.D
Acq: 24 Dec 2019 12:16

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:178 Resp: 172267

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.7	23.5
179	15.3	12.6	18.8

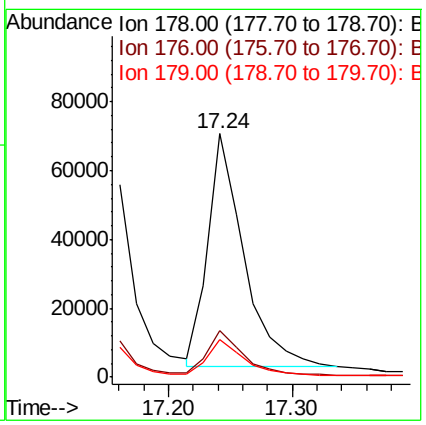


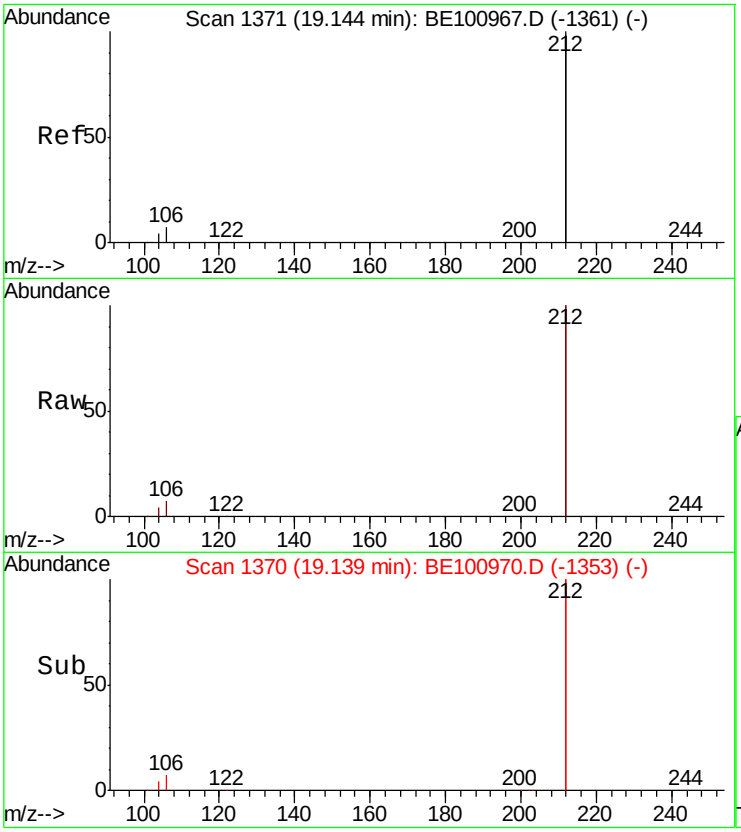


#24
Anthracene
Concen: 4.261 ng
RT: 17.24 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BE100970.D
Acq: 24 Dec 2019 12:16

Tgt Ion:178 Resp: 136422

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.4
179	15.3	12.5	18.7



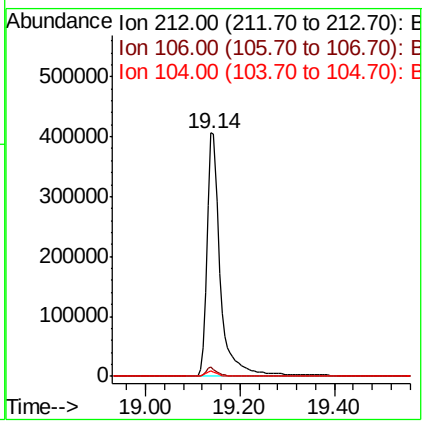


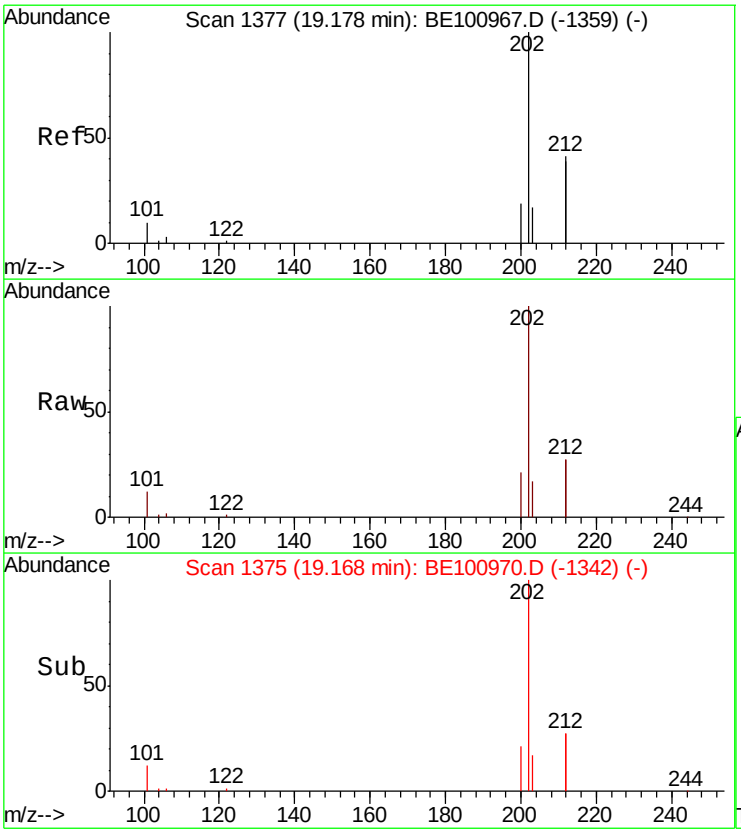
#25
Fluoranthene-d10
Concen: 3.414 ng
RT: 19.14 min Scan# 1370
Delta R.T. -0.00 min
Lab File: BE100970.D
Acq: 24 Dec 2019 12:16

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:212 Resp: 781024

Ion	Ratio	Lower	Upper
212	100		
106	3.4	2.4	3.6
104	1.9	1.4	2.0

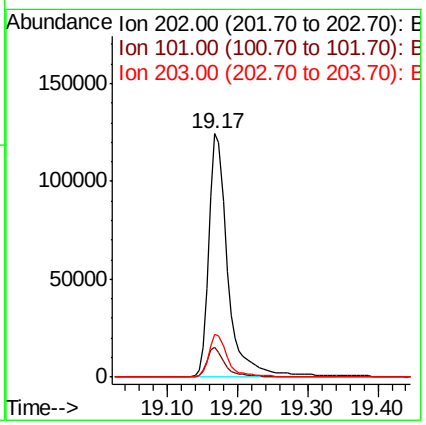


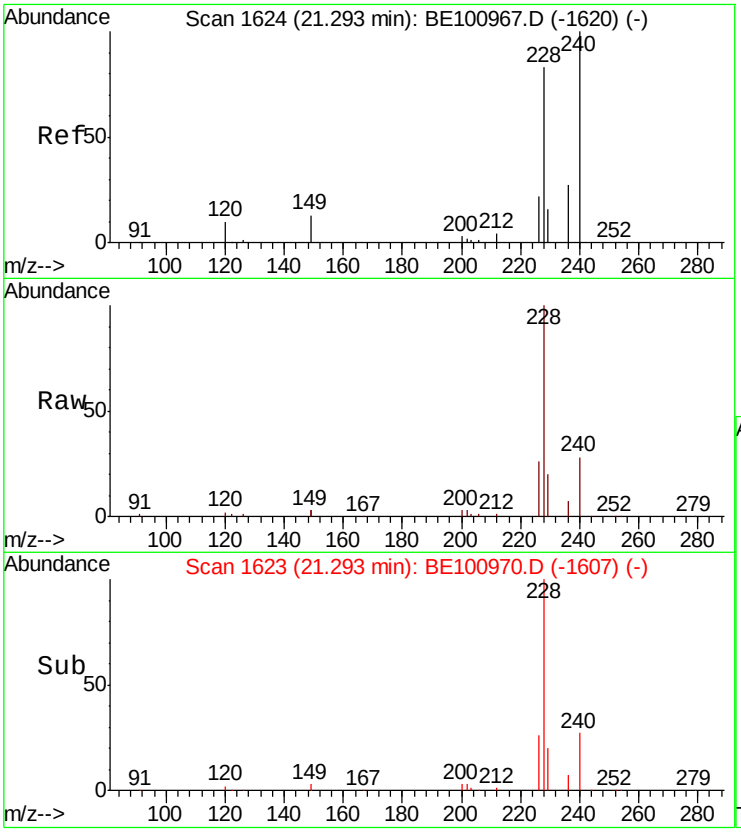


#26
Fluoranthene
Concen: 3.520 ng
RT: 19.17 min Scan# 1375
Delta R.T. -0.01 min
Lab File: BE100970.D
Acq: 24 Dec 2019 12:16

Tgt Ion:202 Resp: 232798

Ion	Ratio	Lower	Upper
202	100		
101	12.2	9.0	13.4
203	17.0	13.2	19.8



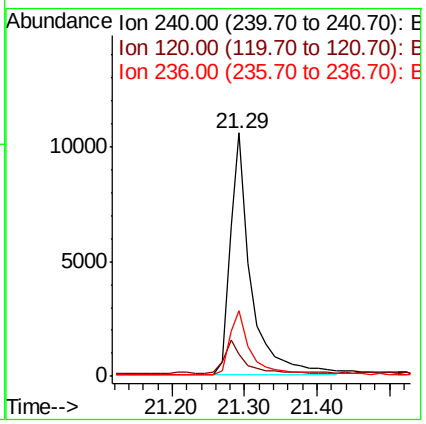


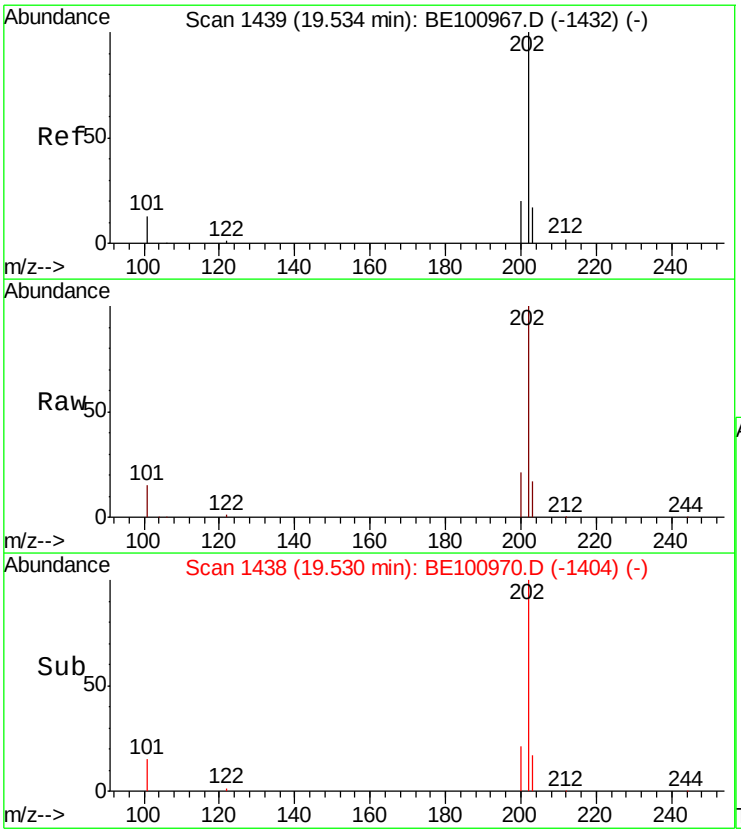
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.29 min Scan# 1623
Delta R.T. -0.00 min
Lab File: BE100970.D
Acq: 24 Dec 2019 12:16

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:240 Resp: 21244

Ion	Ratio	Lower	Upper
240	100		
120	8.9	10.2	15.4#
236	26.9	22.6	34.0

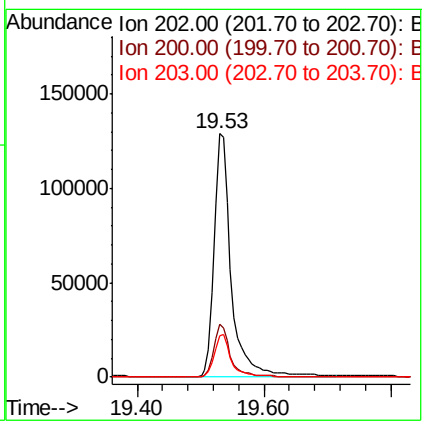


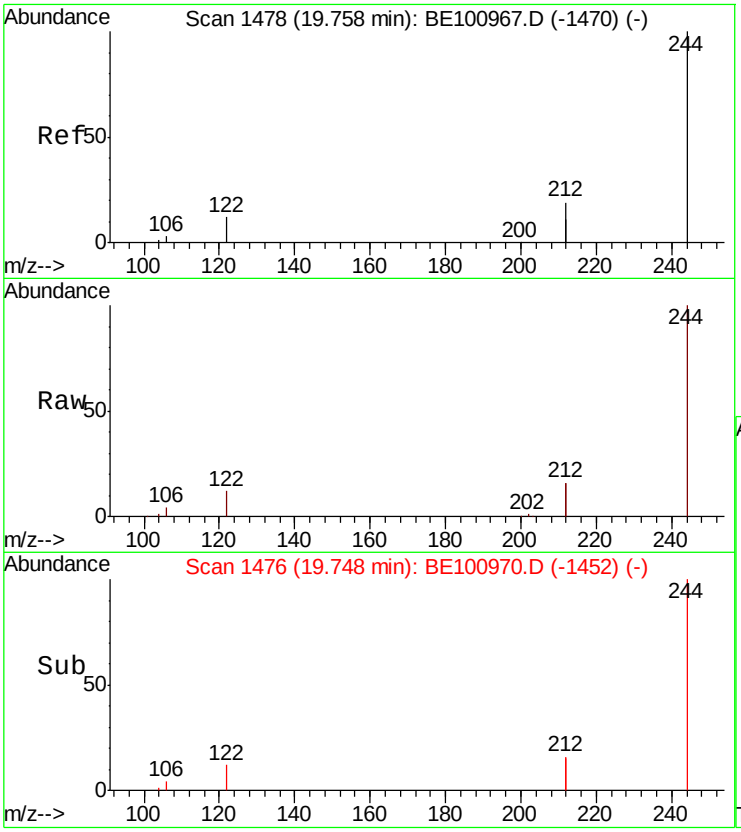


#28
Pyrene
Concen: 3.139 ng
RT: 19.53 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BE100970.D
Acq: 24 Dec 2019 12:16

Tgt Ion:202 Resp: 238395

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.6	25.0
203	17.4	13.8	20.6



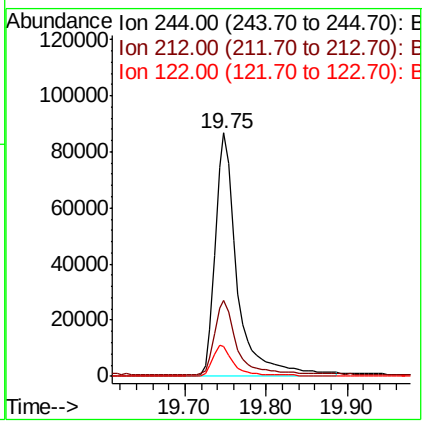


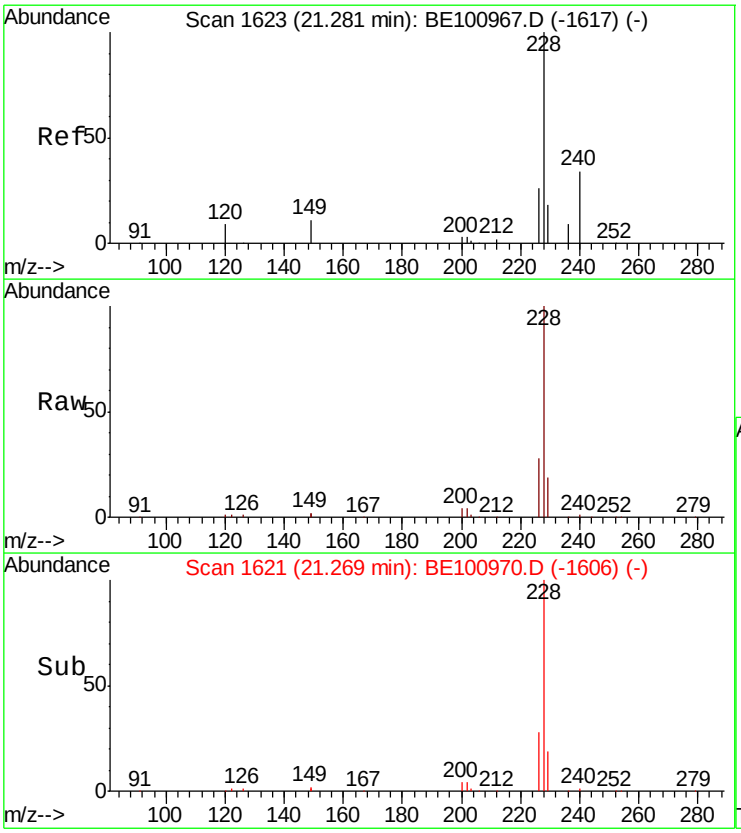
#29
Terphenyl-d14
Concen: 3.378 ng
RT: 19.75 min Scan# 1476
Delta R.T. -0.01 min
Lab File: BE100970.D
Acq: 24 Dec 2019 12:16

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:244 Resp: 163701

Ion	Ratio	Lower	Upper
244	100		
212	31.2	29.3	43.9
122	12.2	10.2	15.4

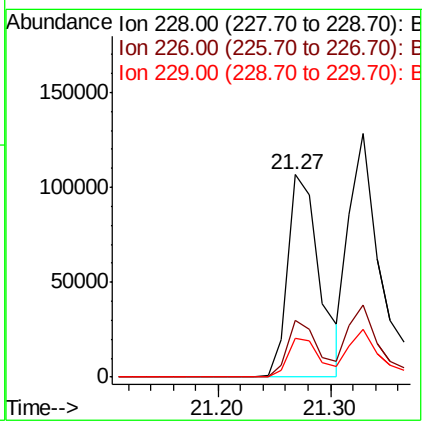


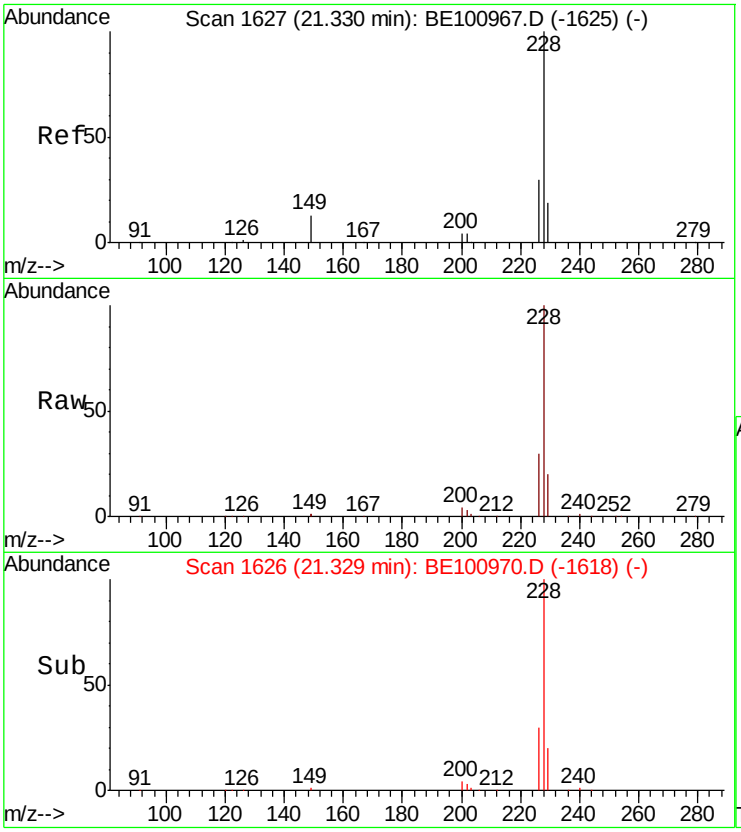


#30
Benzo(a)anthracene
Concen: 3.766 ng
RT: 21.27 min Scan# 1621
Delta R.T. -0.01 min
Lab File: BE100970.D
Acq: 24 Dec 2019 12:16

Tgt Ion:228 Resp: 209719

Ion	Ratio	Lower	Upper
228	100		
226	28.2	21.8	32.6
229	19.3	15.4	23.0



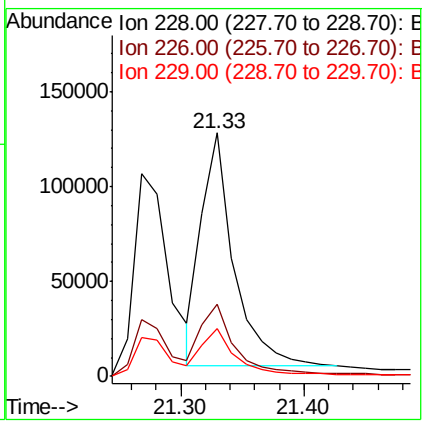


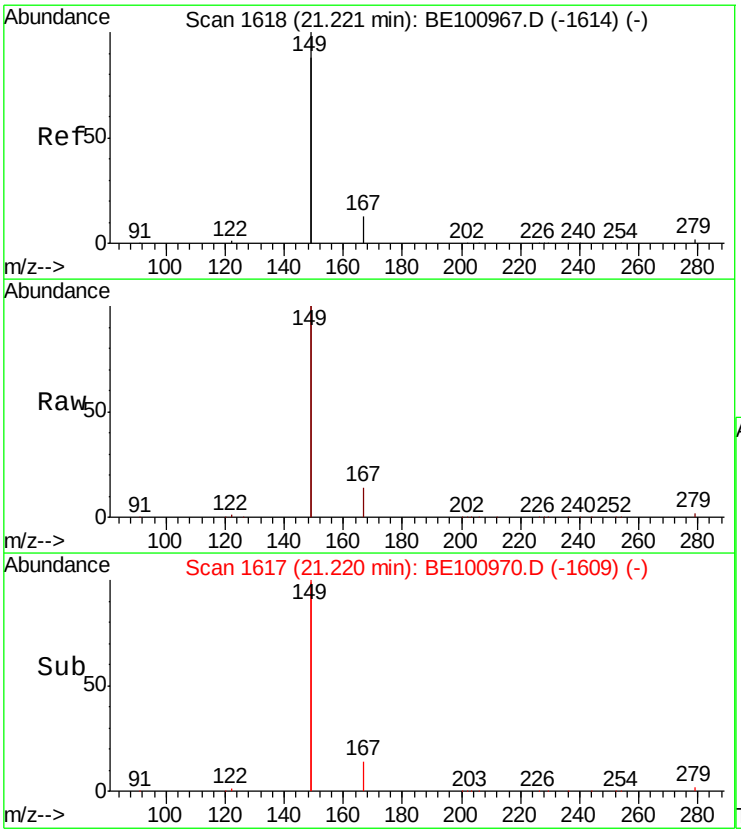
#31
Chrysene
Concen: 3.212 ng
RT: 21.33 min Scan# 1626
Delta R.T. -0.00 min
Lab File: BE100970.D
Acq: 24 Dec 2019 12:16

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:228 Resp: 225406

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.6	35.4
229	19.8	15.7	23.5

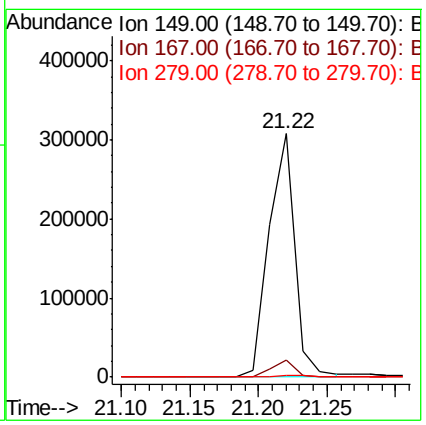


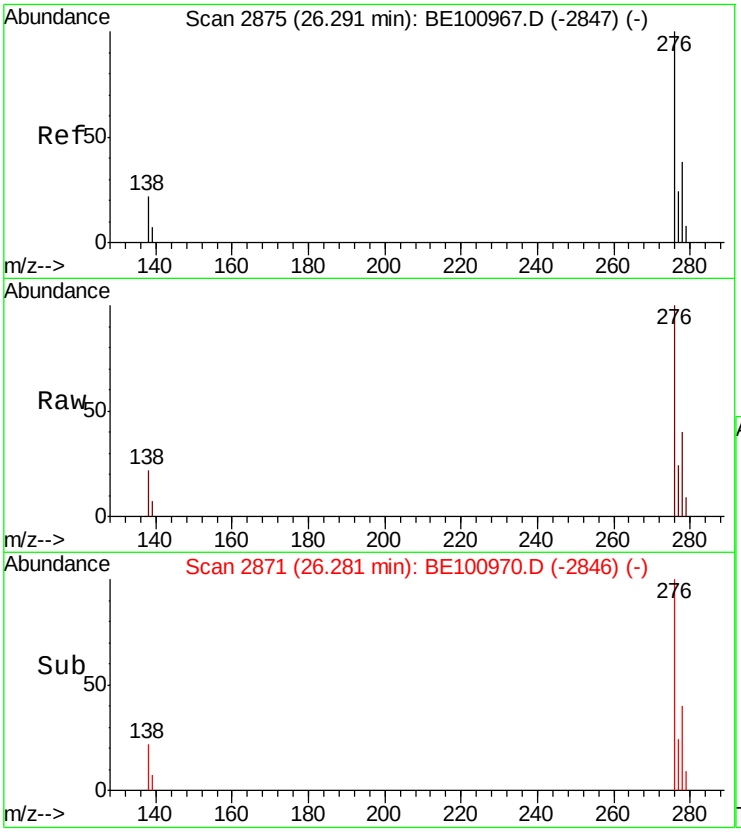


#32
Bis(2-ethylhexyl)phthalate
Concen: 2.266 ng
RT: 21.22 min Scan# 1617
Delta R.T. 0.00 min
Lab File: BE100970.D
Acq: 24 Dec 2019 12:16

Tgt Ion:149 Resp: 397064

Ion	Ratio	Lower	Upper
149	100		
167	6.5	5.1	7.7
279	0.8	0.6	1.0



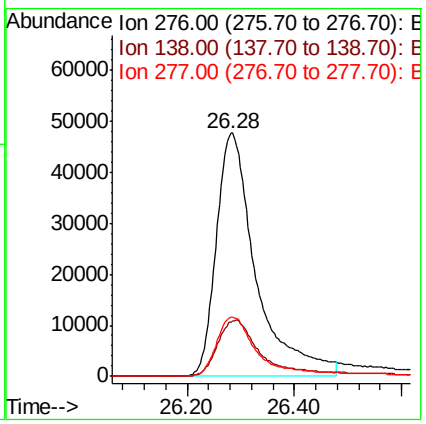


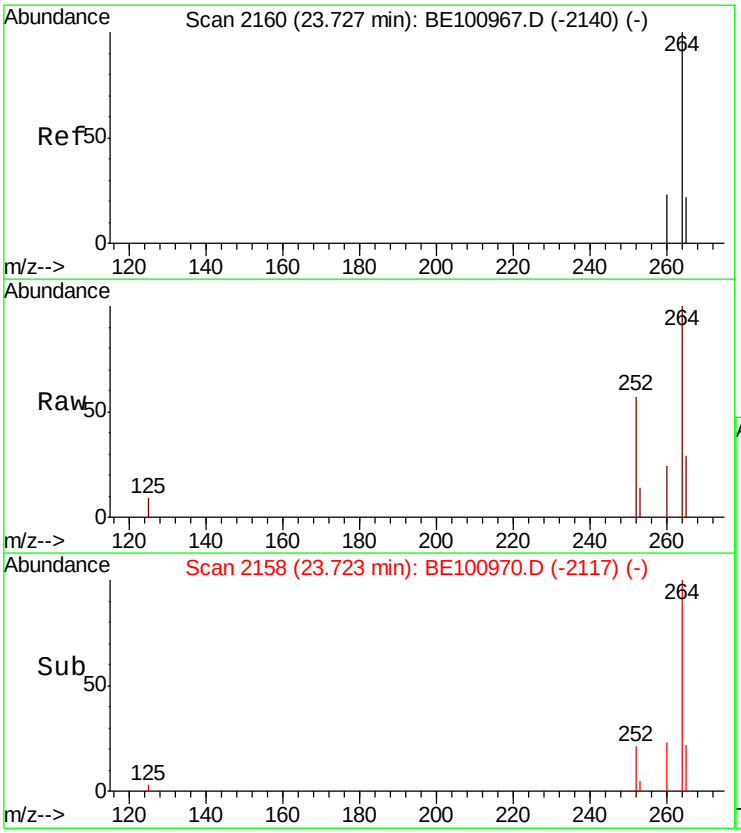
#33
Indeno(1,2,3-cd)pyrene
Concen: 3.326 ng
RT: 26.28 min Scan# 2871
Delta R.T. -0.01 min
Lab File: BE100970.D
Acq: 24 Dec 2019 12:16

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:276 Resp: 244200

Ion	Ratio	Lower	Upper
276	100		
138	24.7	14.8	22.2#
277	24.8	18.0	27.0

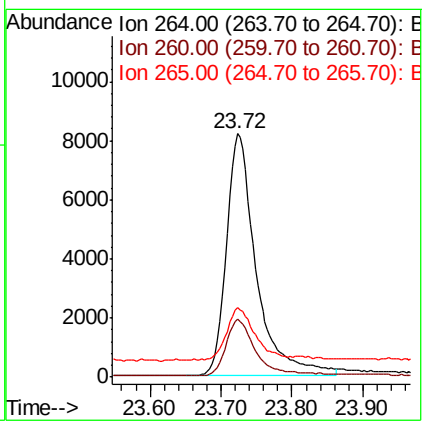


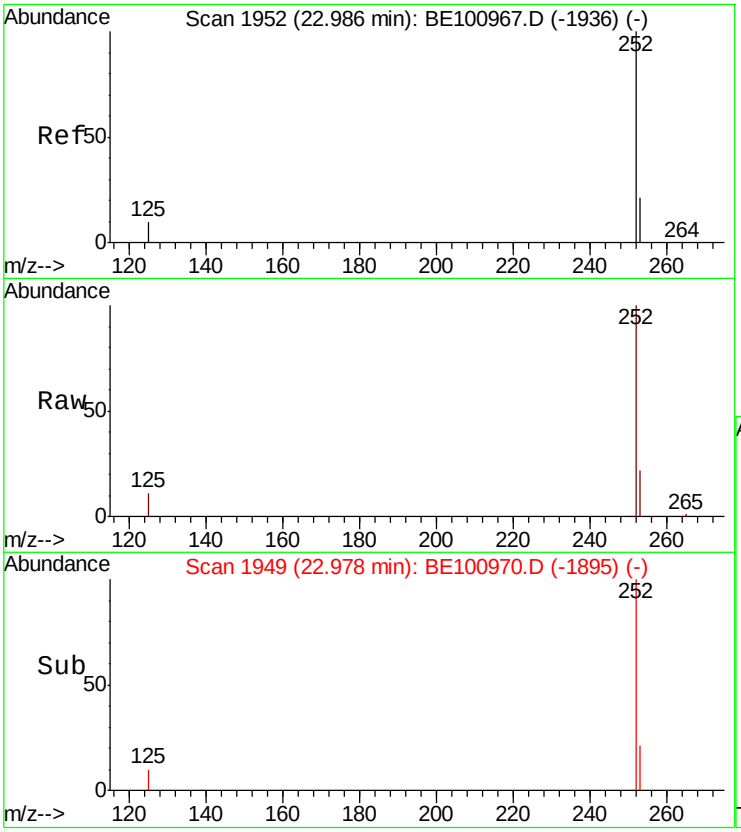


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.72 min Scan# 2158
Delta R.T. -0.00 min
Lab File: BE100970.D
Acq: 24 Dec 2019 12:16

Tgt Ion:264 Resp: 23801

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.1	28.7
265	28.7	26.6	40.0



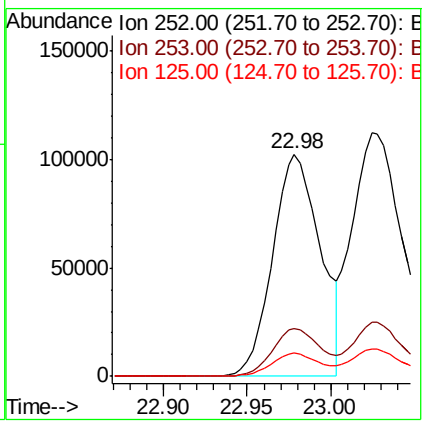


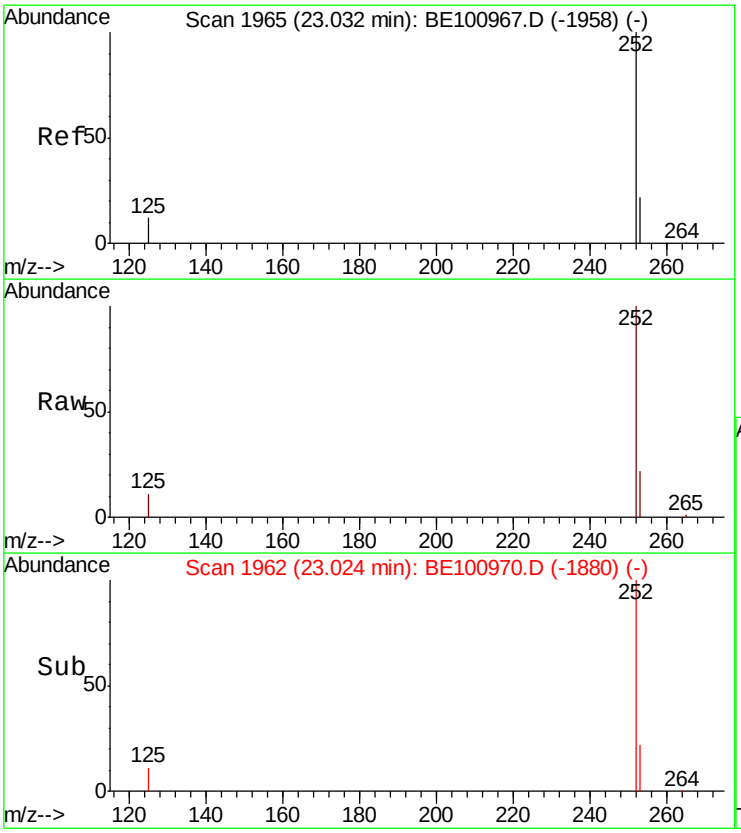
#35
Benzo(b)fluoranthene
Concen: 3.852 ng
RT: 22.98 min Scan# 1949
Delta R.T. -0.01 min
Lab File: BE100970.D
Acq: 24 Dec 2019 12:16

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:252 Resp: 203321

Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.2	27.4
125	10.5	9.7	14.5

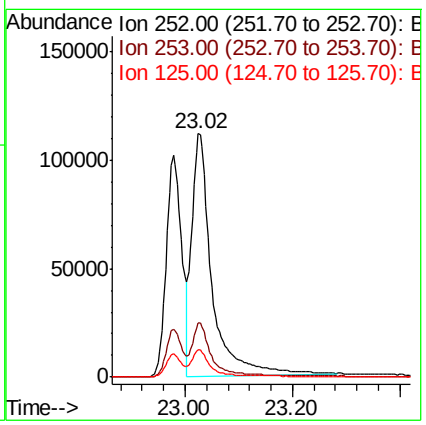


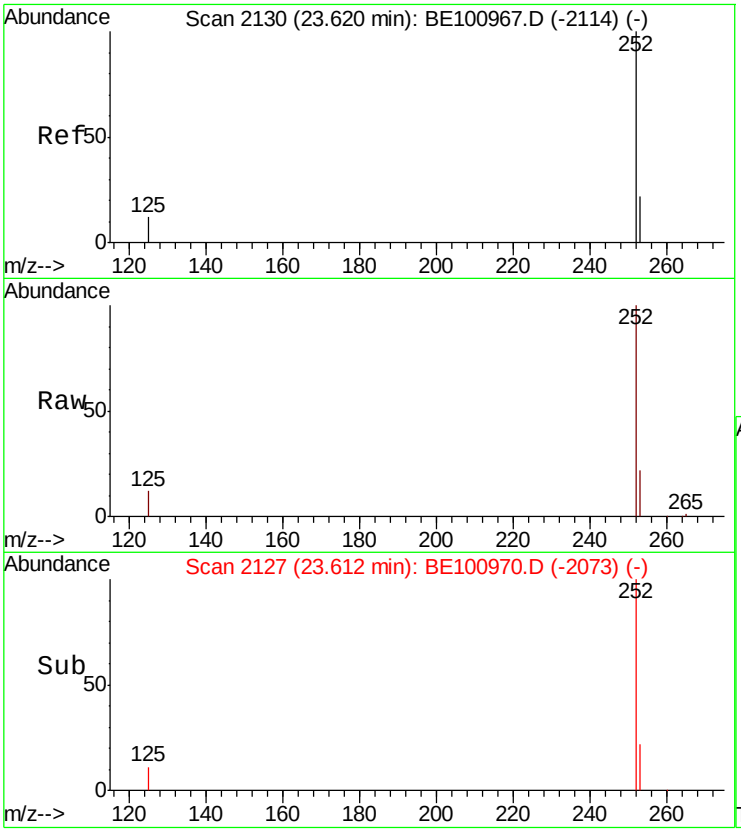


#36
Benzo(k)fluoranthene
Concen: 4.106 ng
RT: 23.02 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BE100970.D
Acq: 24 Dec 2019 12:16

Tgt Ion:252 Resp: 289205

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.9	28.3
125	11.2	11.2	16.8



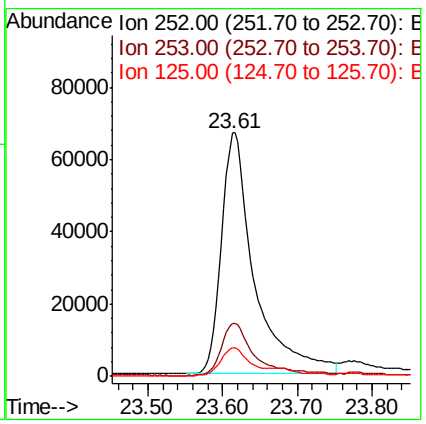


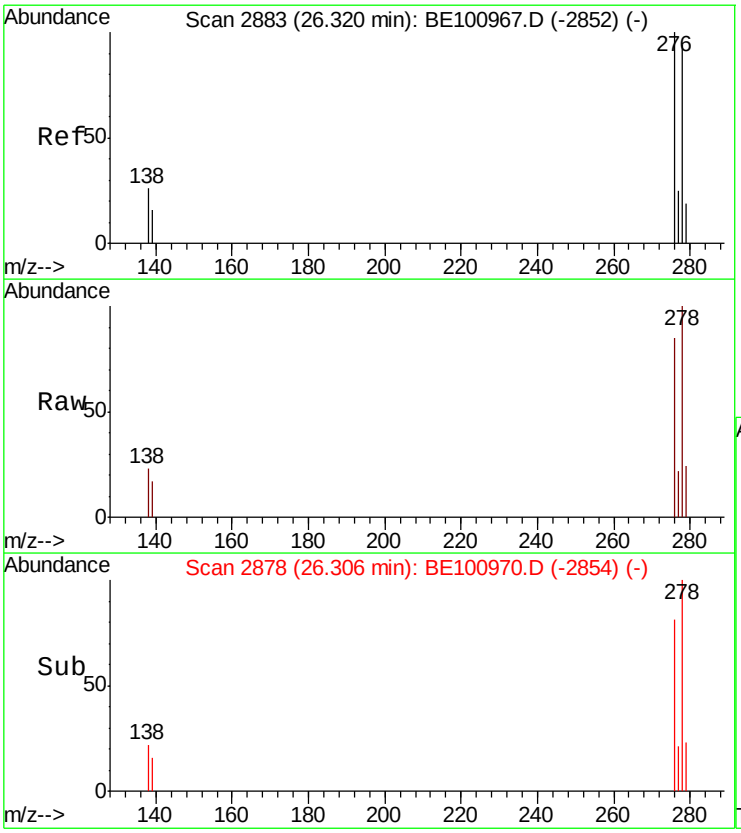
#37
Benzo(a)pyrene
Concen: 3.406 ng
RT: 23.61 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BE100970.D
Acq: 24 Dec 2019 12:16

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:252 Resp: 204766

Ion	Ratio	Lower	Upper
252	100		
253	21.9	20.1	30.1
125	11.5	12.6	18.8#

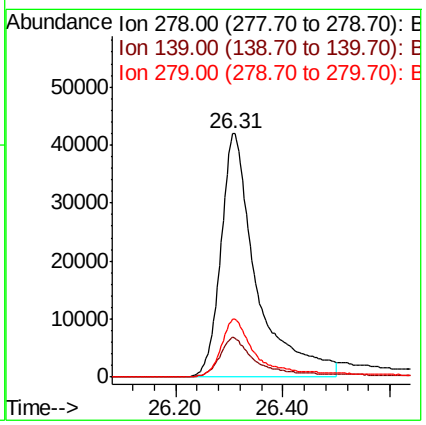


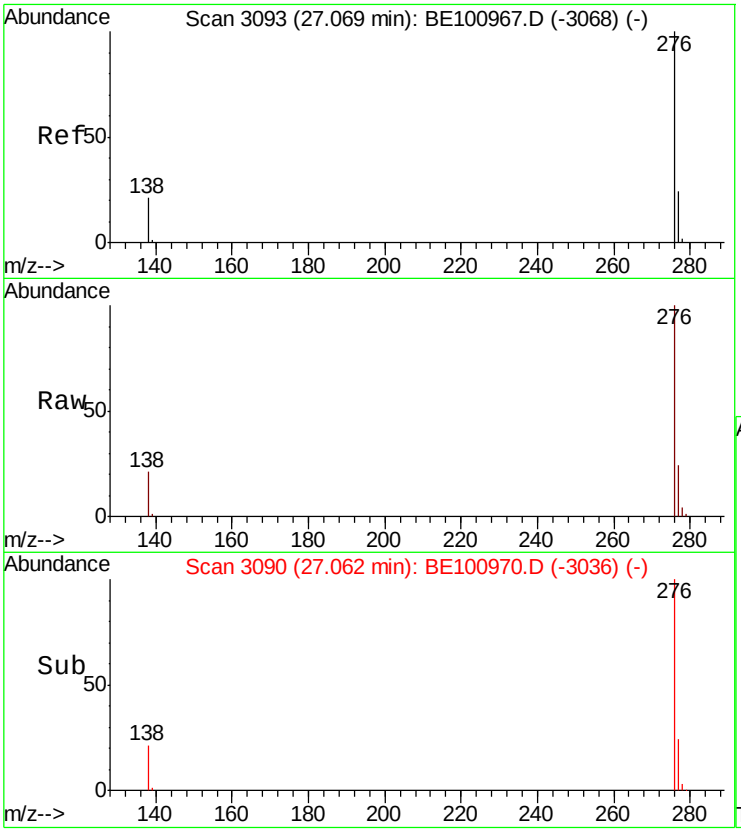


#38
Dibenzo(a,h)anthracene
Concen: 3.807 ng
RT: 26.31 min Scan# 2878
Delta R.T. -0.01 min
Lab File: BE100970.D
Acq: 24 Dec 2019 12:16

Tgt Ion:278 Resp: 192778

Ion	Ratio	Lower	Upper
278	100		
139	16.6	16.4	24.6
279	23.6	19.3	28.9





#39
Benzo(g,h,i)perylene
Concen: 3.481 ng
RT: 27.06 min Scan# 3090
Delta R.T. -0.01 min
Lab File: BE100970.D
Acq: 24 Dec 2019 12:16

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:276 Resp: 217868

Ion	Ratio	Lower	Upper
276	100		
277	24.0	20.0	30.0
138	21.4	18.6	27.8