Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072219\
Data File : BE100484.D
Acq On : 22 Jul 2019 17:21
Operator : HP/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : ICVBE072219

Quant Time: Jul 22 18:02:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE072219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 22 17:11:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	2544	0.40	ng		0.00
7) Naphthalene-d8	10.67	136	10706	0.40	ng		0.00
13) Acenaphthene-d10	14.50	164	7256	0.40	ng		0.00
19) Phenanthrene-d10	17.21	188	19464	0.40	ng		0.00
27) Chrysene-d12	21.38	240	21746	0.40	ng		0.00
34) Perylene-d12	23.86	264	23565	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.45	112	2530	0.41	ng		0.00
5) Phenol-d6	7.02	99	3492	0.39	ng		0.00
8) Nitrobenzene-d5	9.02	82	3495	0.39	ng		0.00
11) 2-Methylnaphthalene-d10	12.25	152	6819	0.38	ng		0.00
14) 2,4,6-Tribromophenol	15.97	330	1190	0.38	ng		0.00
15) 2-Fluorobiphenyl	13.13	172	11155	0.38	ng		0.00
25) Fluoranthene-d10	19.24	212	100575	0.38	ng		0.00
29) Terphenyl-d14	19.83	244	21487	0.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.35	88	1452	0.340	ng		95
3) n-Nitrosodimethylamine	3.67	42	781	0.335	ng	#	69
6) bis(2-Chloroethyl)ether	7.29	93	3134	0.412	ng		93
9) Naphthalene	10.71	128	40733	0.396	ng		100
10) Hexachlorobutadiene	11.00	225	1922	0.391	ng		100
12) 2-Methylnaphthalene	12.32	142	7179	0.388	ng		99
16) Acenaphthylene	14.21	152	12511	0.373	ng		99
17) Acenaphthene	14.56	154	7594	0.376	ng		99
18) Fluorene	15.53	166	10269	0.381	ng		99
20) 4-Bromophenyl-phenylether	16.43	248	3491	0.377	ng		96
21) Hexachlorobenzene	16.53	284	3555	0.373	ng		99
22) Pentachlorophenol	16.88	266	1415	0.432	ng		99
23) Phenanthrene	17.26	178	18578	0.390	ng		100
24) Anthracene	17.35	178	17168	0.378	ng		99
26) Fluoranthene	19.27	202	26011	0.379	ng		100
28) Pyrene	19.63	202	27307	0.403	ng		100
30) Benzo(a)anthracene	21.37	228	26334	0.397	ng		99
31) Chrysene	21.41	228	26013	0.397	ng		98
32) Bis(2-ethylhexyl)phthalate	21.30	149	59694	0.392	ng		100
33) Indeno(1,2,3-cd)pyrene	26.48	276	28142	0.394	ng		99
35) Benzo(b)fluoranthene	23.10	252	24457	0.379	ng		98
36) Benzo(k)fluoranthene	23.15	252	27352	0.404	ng		99
37) Benzo(a)pyrene	23.74	252	24531	0.391	ng		97
38) Dibenzo(a,h)anthracene	26.51	278	22930	0.387	ng		96
39) Benzo(g,h,i)perylene	27.28	276	23674	0.390	ng		99

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

Quantitation Report (QT Reviewed)

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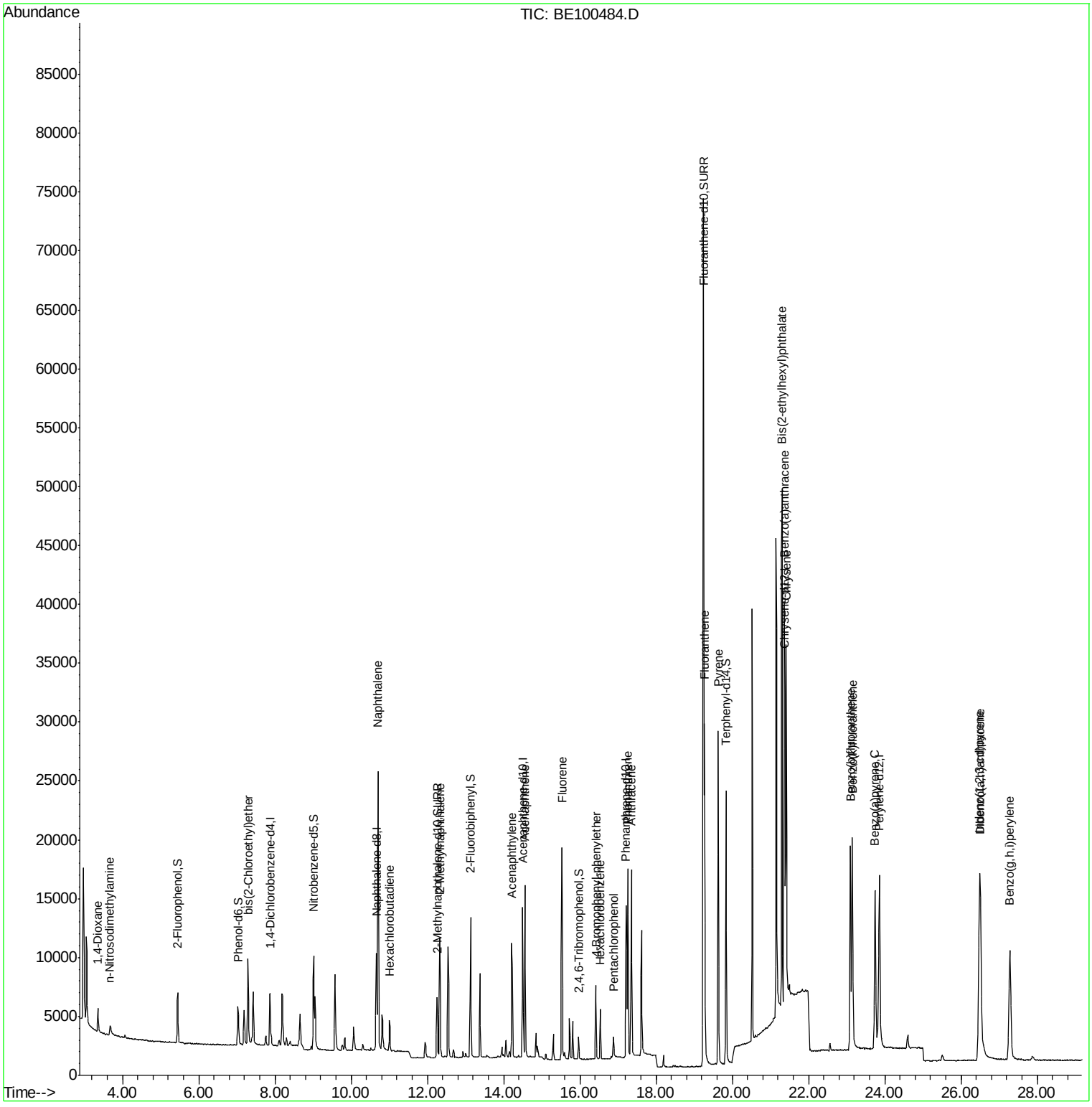
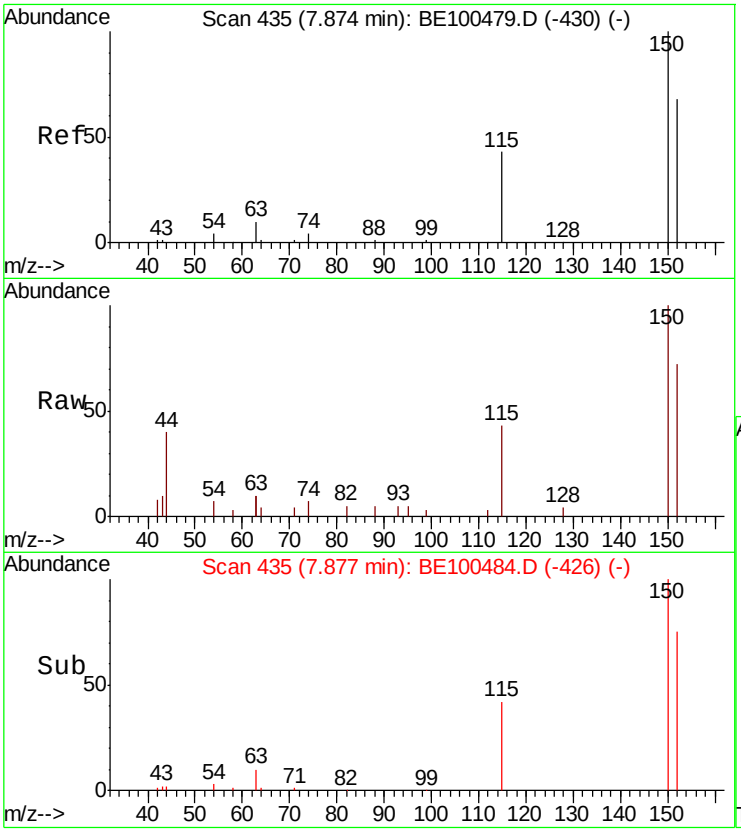
Data File : BE100484.D
Acq On : 22 Jul 2019 17:21
Operator : HP/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
ICVBE072219

Quant Time: Jul 22 18:02:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE072219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 22 17:11:23 2019
Response via : Initial Calibration



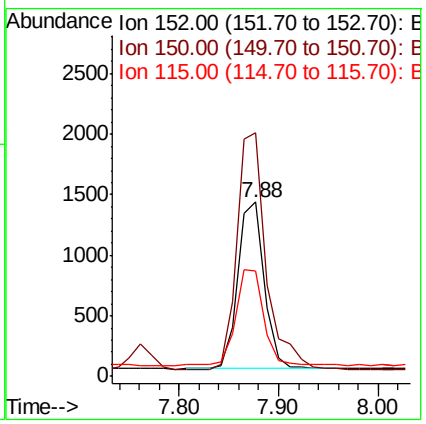


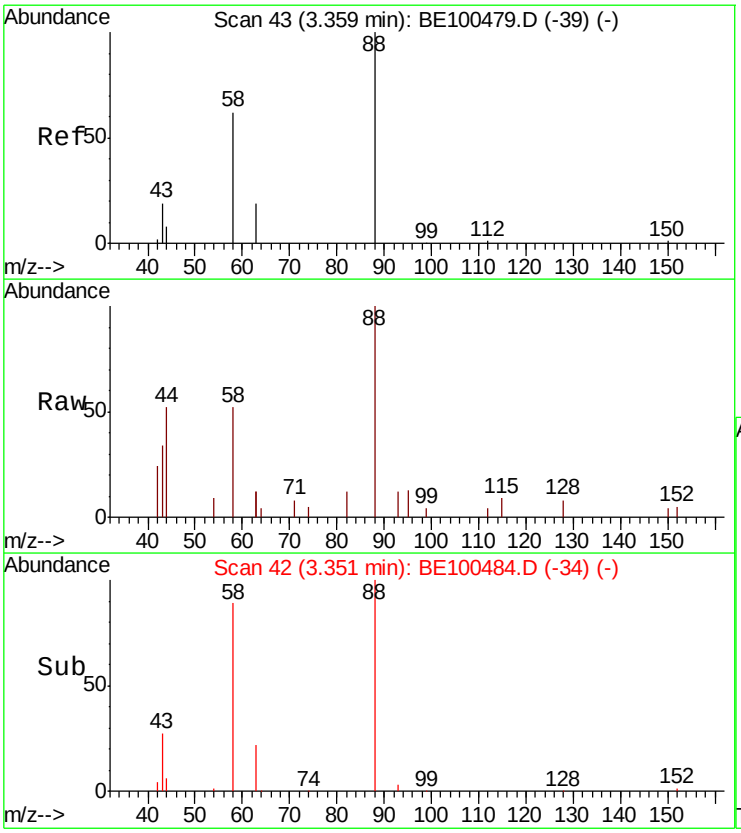
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.88 min Scan# 435
Delta R.T. 0.00 min
Lab File: BE100484.D
Acq: 22 Jul 2019 17:21

Instrument :
BNA_E
ClientSampleId :
ICVBE072219

Tgt Ion:152 Resp: 2544

Ion	Ratio	Lower	Upper
152	100		
150	139.7	115.0	172.6
115	60.3	52.9	79.3

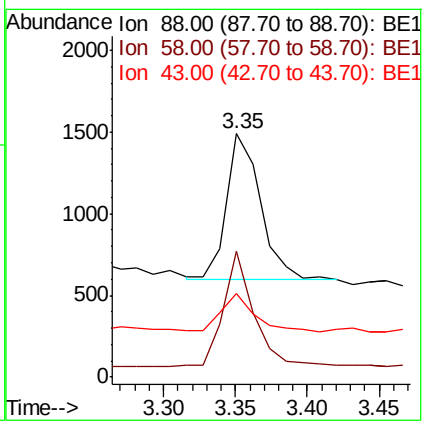


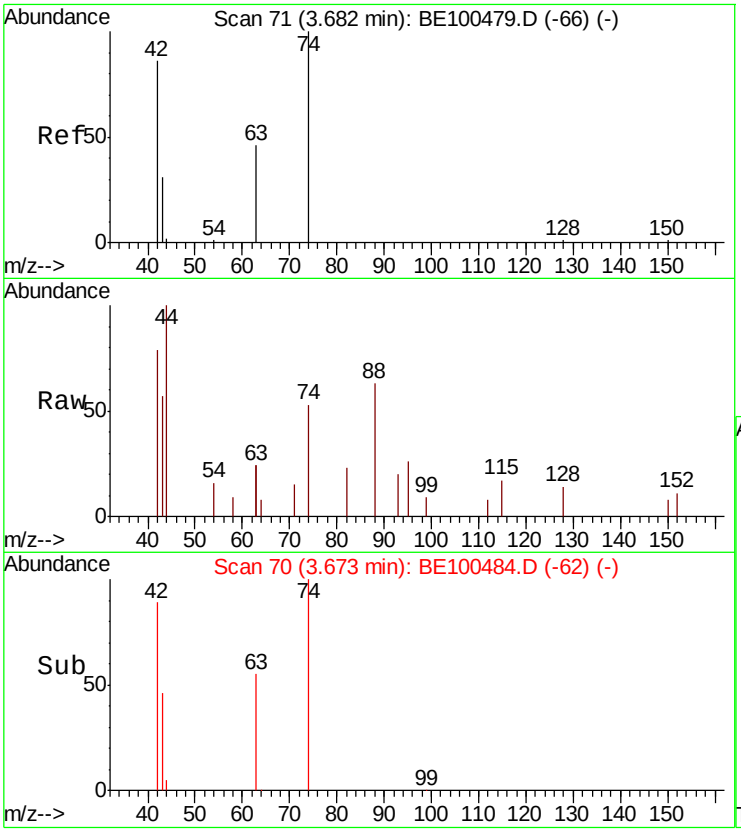


#2
1,4-Dioxane
Concen: 0.340 ng
RT: 3.35 min Scan# 42
Delta R.T. -0.01 min
Lab File: BE100484.D
Acq: 22 Jul 2019 17:21

Tgt Ion: 88 Resp: 1452

Ion	Ratio	Lower	Upper
88	100		
58	71.7	53.2	79.8
43	27.5	20.8	31.2



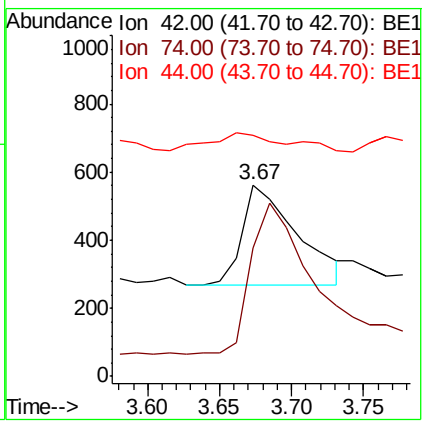


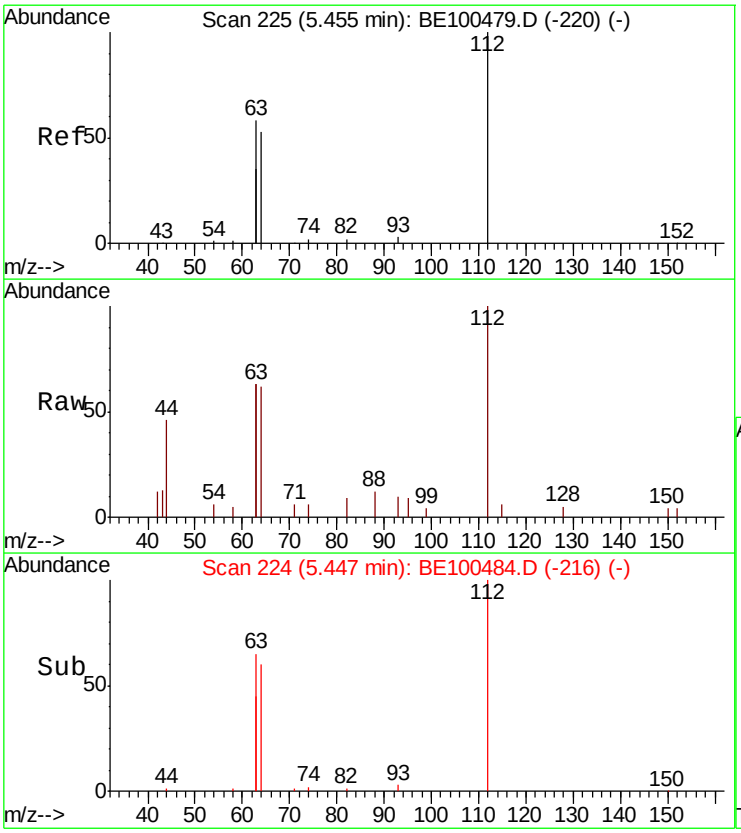
#3
n-Nitrosodimethylamine
Concen: 0.335 ng
RT: 3.67 min Scan# 70
Delta R.T. -0.01 min
Lab File: BE100484.D
Acq: 22 Jul 2019 17:21

Instrument :
BNA_E
ClientSampleId :
ICVBE072219

Tgt Ion: 42 Resp: 781

Ion	Ratio	Lower	Upper
42	100		
74	163.6	0.0	0.0#
44	0.0	9.6	14.4#

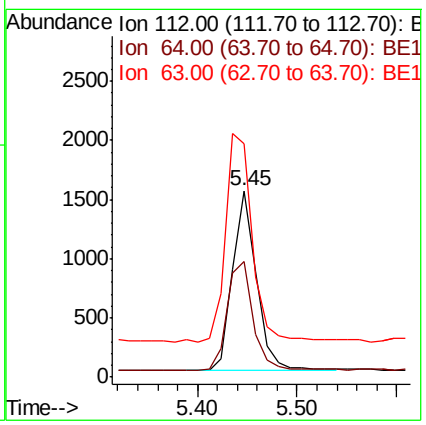


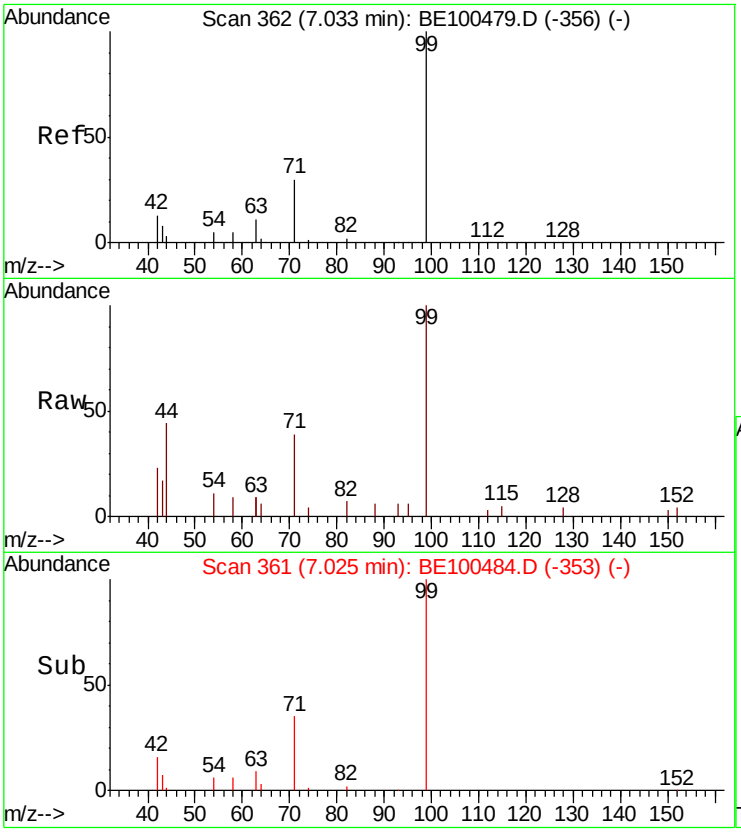


#4
2-Fluorophenol
Concen: 0.408 ng
RT: 5.45 min Scan# 224
Delta R.T. -0.01 min
Lab File: BE100484.D
Acq: 22 Jul 2019 17:21

Tgt Ion:112 Resp: 2530

Ion	Ratio	Lower	Upper
112	100		
64	66.1	54.1	81.1
63	134.2	104.6	157.0



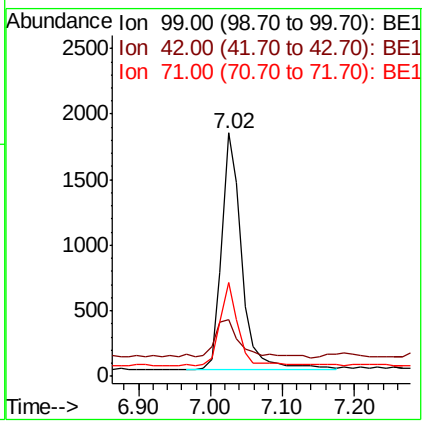


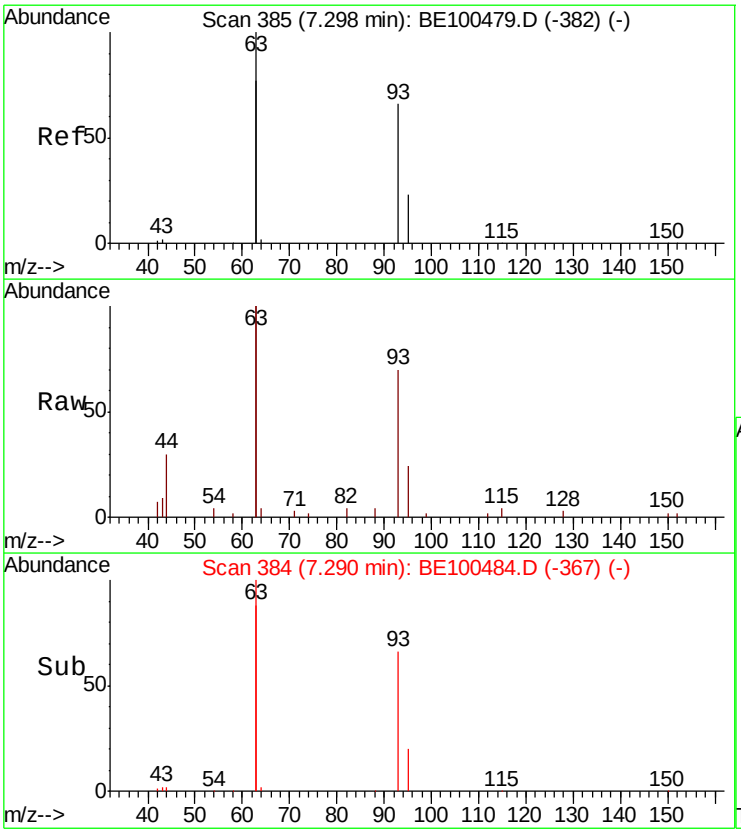
#5
Phenol-d6
Concen: 0.394 ng
RT: 7.02 min Scan# 361
Delta R.T. -0.01 min
Lab File: BE100484.D
Acq: 22 Jul 2019 17:21

Instrument :
BNA_E
ClientSampleId :
ICVBE072219

Tgt Ion: 99 Resp: 3492

Ion	Ratio	Lower	Upper
99	100		
42	19.9	14.5	21.7
71	31.2	26.4	39.6

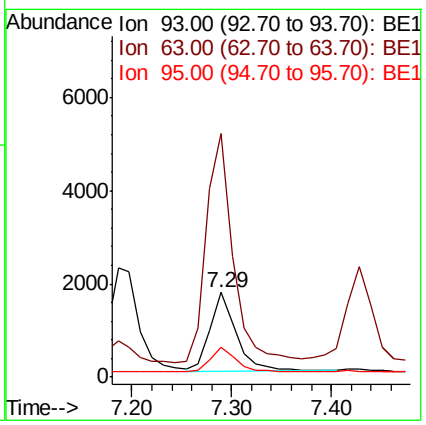


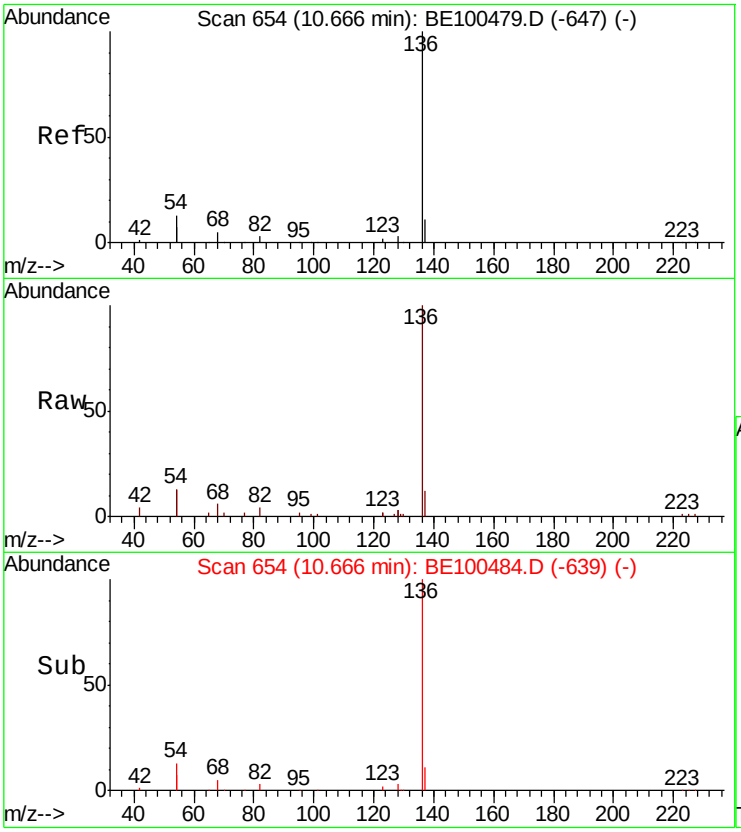


#6
bis(2-Chloroethyl)ether
Concen: 0.412 ng
RT: 7.29 min Scan# 384
Delta R.T. -0.01 min
Lab File: BE100484.D
Acq: 22 Jul 2019 17:21

Tgt Ion: 93 Resp: 3134

Ion	Ratio	Lower	Upper
93	100		
63	295.1	248.3	372.5
95	30.4	25.4	38.0



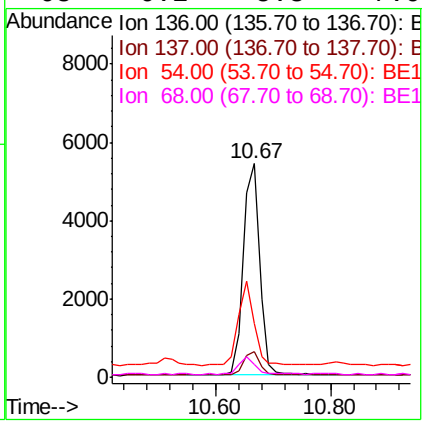


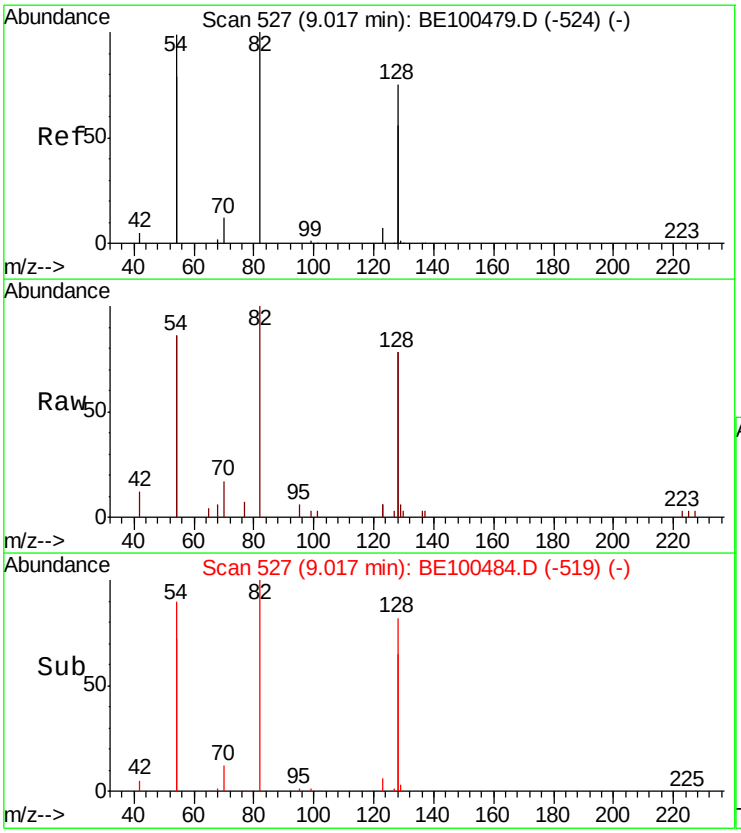
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.67 min Scan# 654
Delta R.T. -0.00 min
Lab File: BE100484.D
Acq: 22 Jul 2019 17:21

Instrument :
BNA_E
ClientSampleId :
ICVBE072219

Tgt Ion:136 Resp: 10706

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.8	14.6
54	25.5	20.6	31.0
68	6.2	5.3	7.9

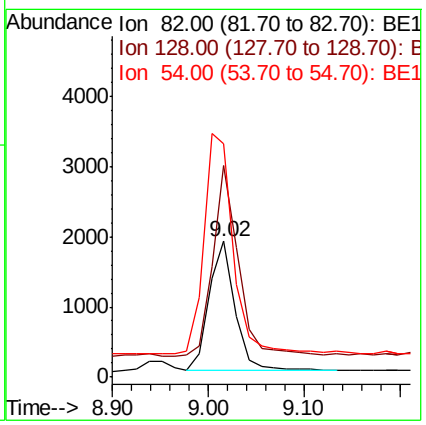


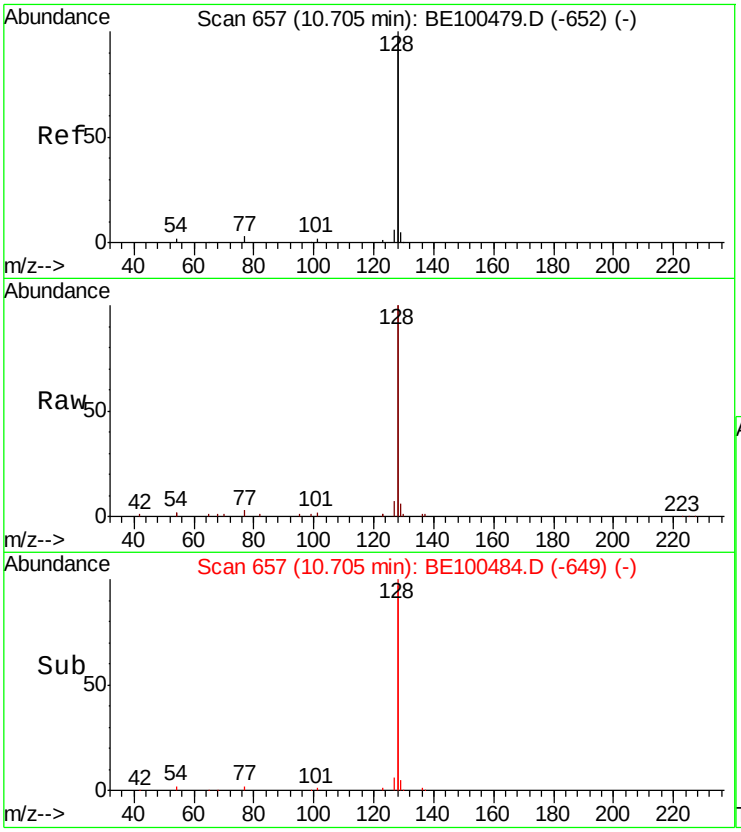


#8
Nitrobenzene-d5
Concen: 0.393 ng
RT: 9.02 min Scan# 527
Delta R.T. -0.00 min
Lab File: BE100484.D
Acq: 22 Jul 2019 17:21

Tgt Ion: 82 Resp: 3495

Ion	Ratio	Lower	Upper
82	100		
128	155.9	113.6	170.4
54	171.7	150.6	226.0



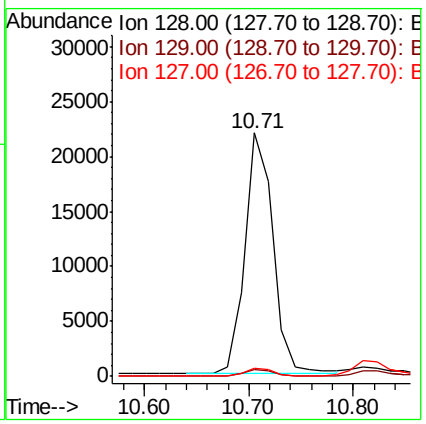


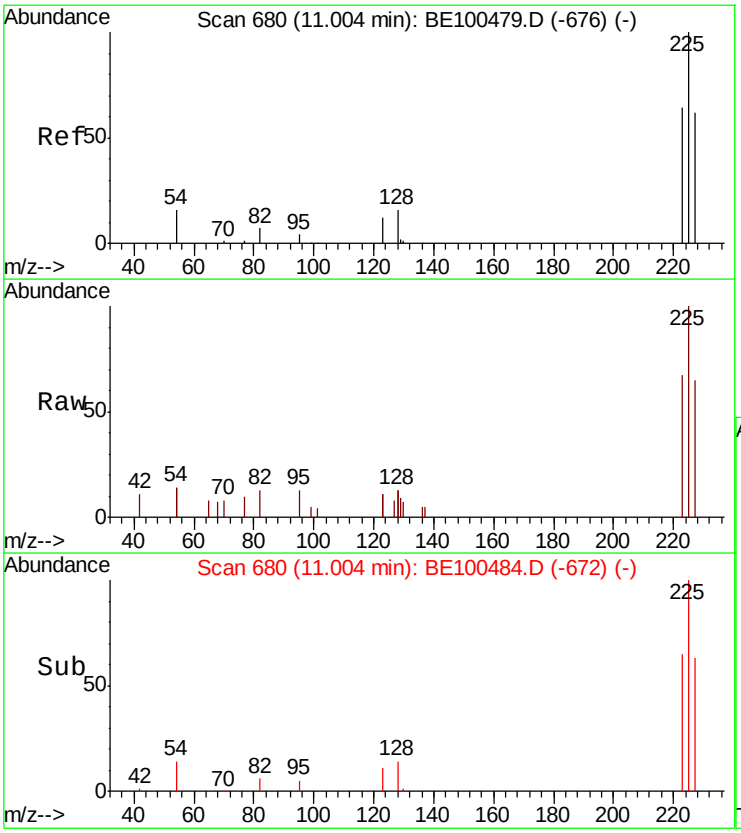
#9
Naphthalene
Concen: 0.396 ng
RT: 10.71 min Scan# 657
Delta R.T. -0.00 min
Lab File: BE100484.D
Acq: 22 Jul 2019 17:21

Instrument :
BNA_E
ClientSampleId :
ICVBE072219

Tgt Ion:128 Resp: 40733

Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.3	3.5
127	3.3	2.7	4.1

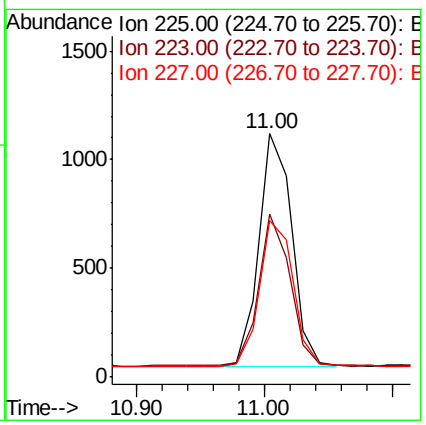


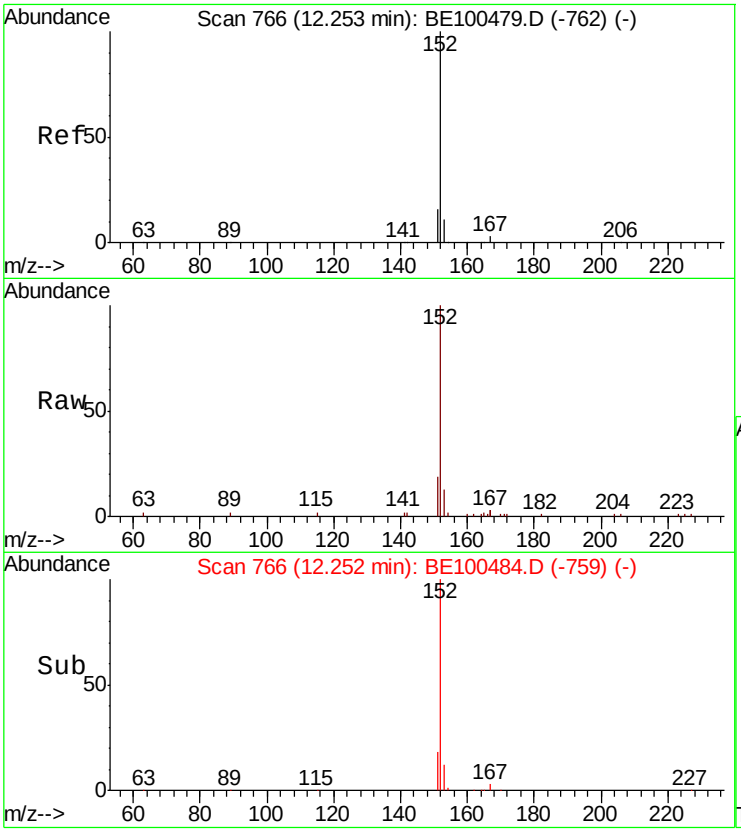


#10
Hexachlorobutadiene
Concen: 0.391 ng
RT: 11.00 min Scan# 680
Delta R.T. -0.00 min
Lab File: BE100484.D
Acq: 22 Jul 2019 17:21

Tgt Ion:225 Resp: 1922

Ion	Ratio	Lower	Upper
225	100		
223	61.5	49.4	74.0
227	64.2	51.4	77.2



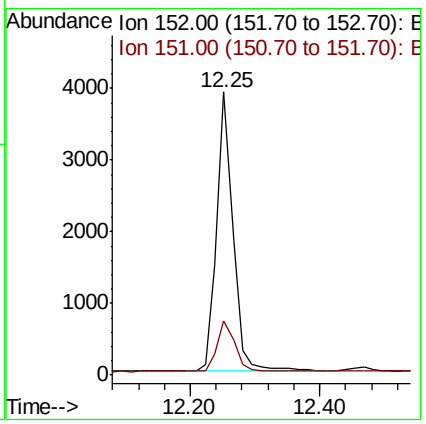


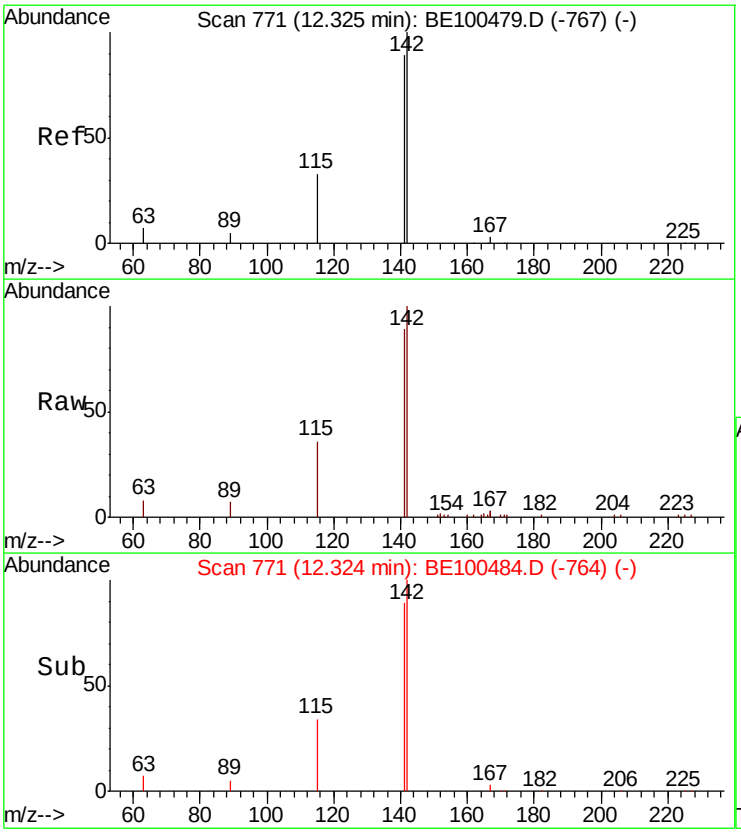
#11
2-Methylnaphthalene-d10
Concen: 0.384 ng
RT: 12.25 min Scan# 766
Delta R.T. -0.00 min
Lab File: BE100484.D
Acq: 22 Jul 2019 17:21

Instrument :
BNA_E
ClientSampleId :
ICVBE072219

Tgt Ion:152 Resp: 6819

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.1	22.7

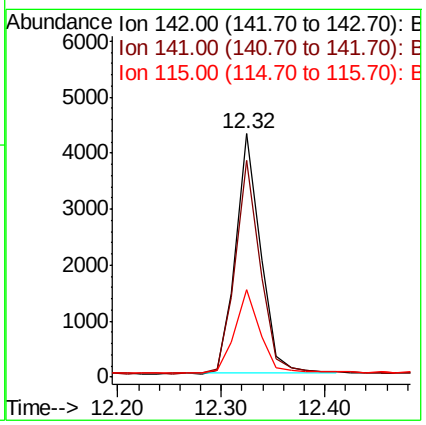


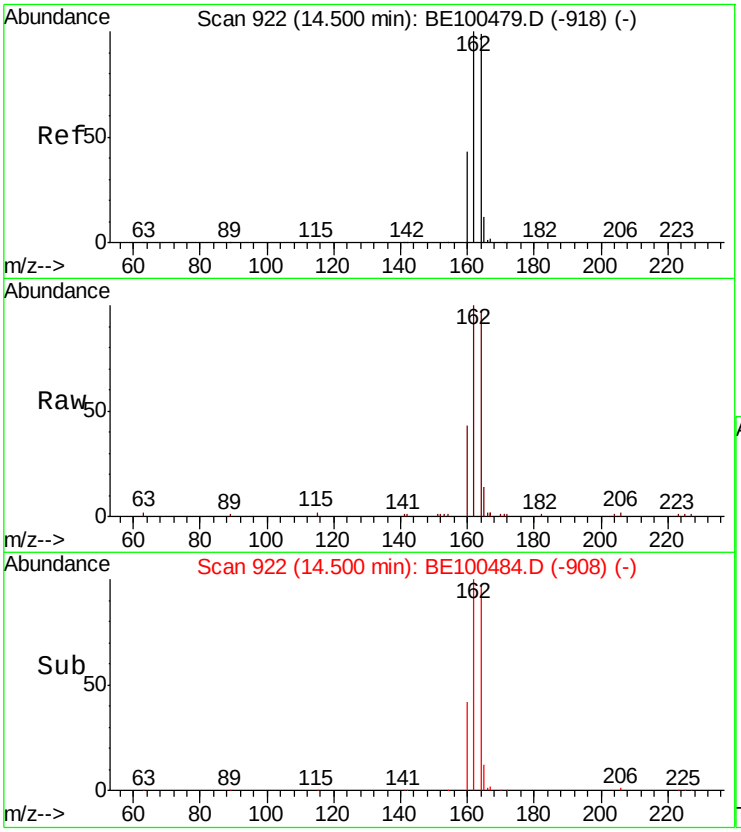


#12
2-Methylnaphthalene
Concen: 0.388 ng
RT: 12.32 min Scan# 771
Delta R.T. -0.00 min
Lab File: BE100484.D
Acq: 22 Jul 2019 17:21

Tgt Ion:142 Resp: 7179

Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.7	107.5
115	35.8	27.8	41.6



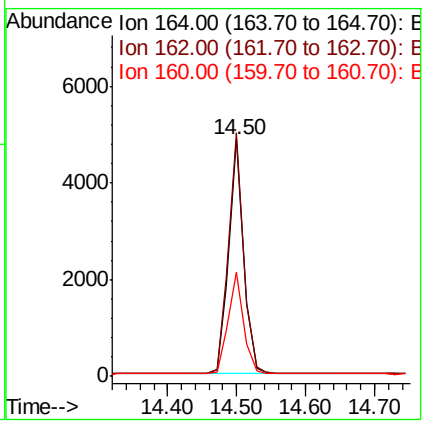


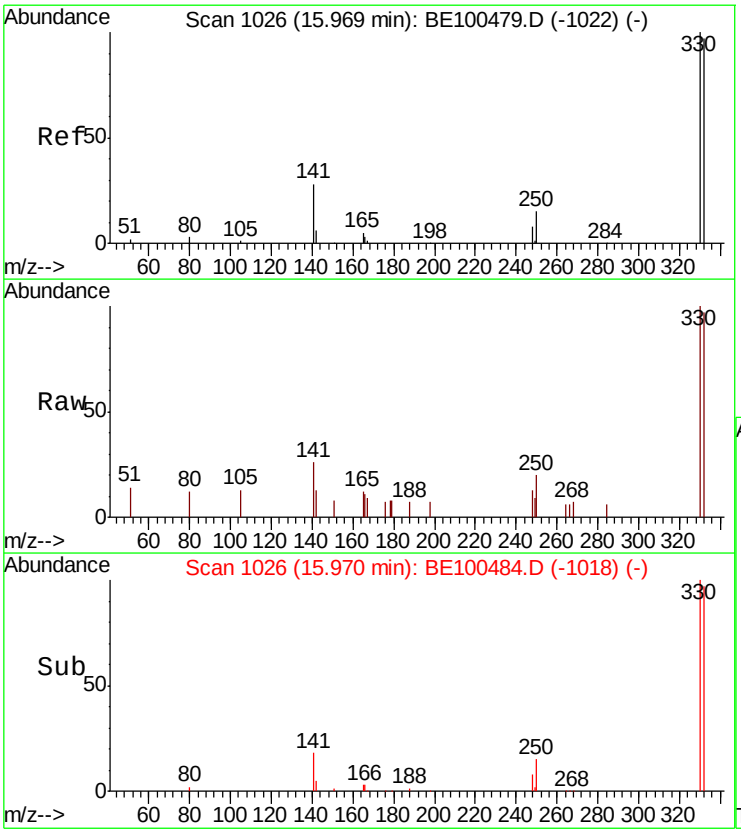
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.50 min Scan# 922
Delta R.T. -0.00 min
Lab File: BE100484.D
Acq: 22 Jul 2019 17:21

Instrument :
BNA_E
ClientSampleId :
ICVBE072219

Tgt Ion:164 Resp: 7256

Ion	Ratio	Lower	Upper
164	100		
162	102.7	80.8	121.2
160	43.9	34.9	52.3

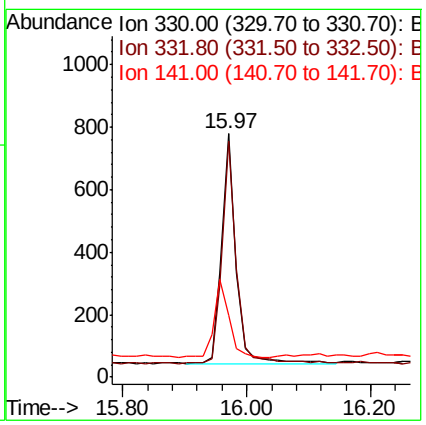


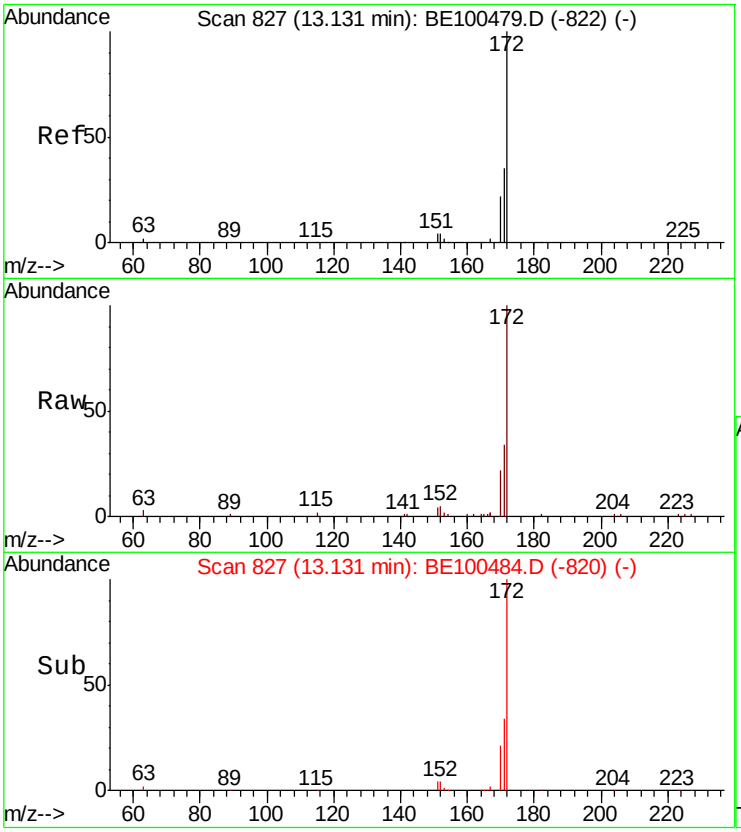


#14
2,4,6-Tribromophenol
Concen: 0.378 ng
RT: 15.97 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BE100484.D
Acq: 22 Jul 2019 17:21

Tgt Ion:330 Resp: 1190

Ion	Ratio	Lower	Upper
330	100		
332	95.2	80.5	120.7
141	35.2	29.9	44.9



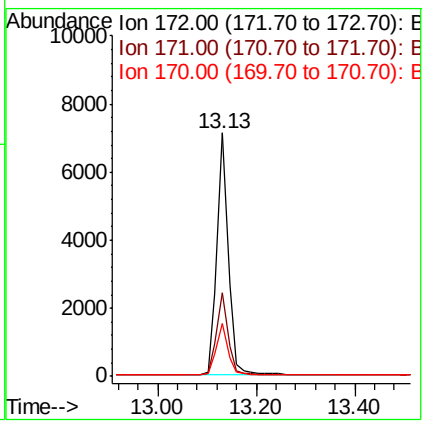


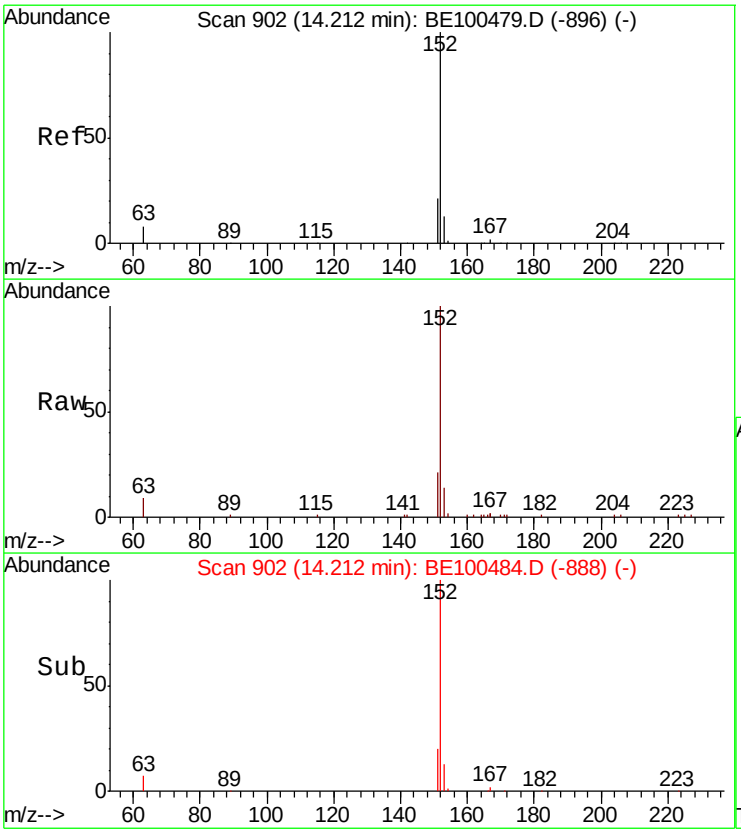
#15
2-Fluorobiphenyl
Concen: 0.378 ng
RT: 13.13 min Scan# 827
Delta R.T. -0.00 min
Lab File: BE100484.D
Acq: 22 Jul 2019 17:21

Instrument :
BNA_E
ClientSampleId :
ICVBE072219

Tgt Ion:172 Resp: 11155

Ion	Ratio	Lower	Upper
172	100		
171	34.4	28.2	42.2
170	21.9	17.8	26.8

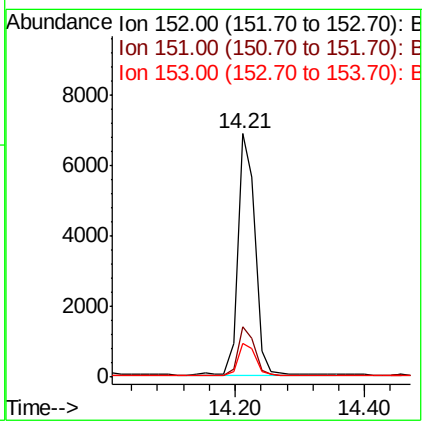


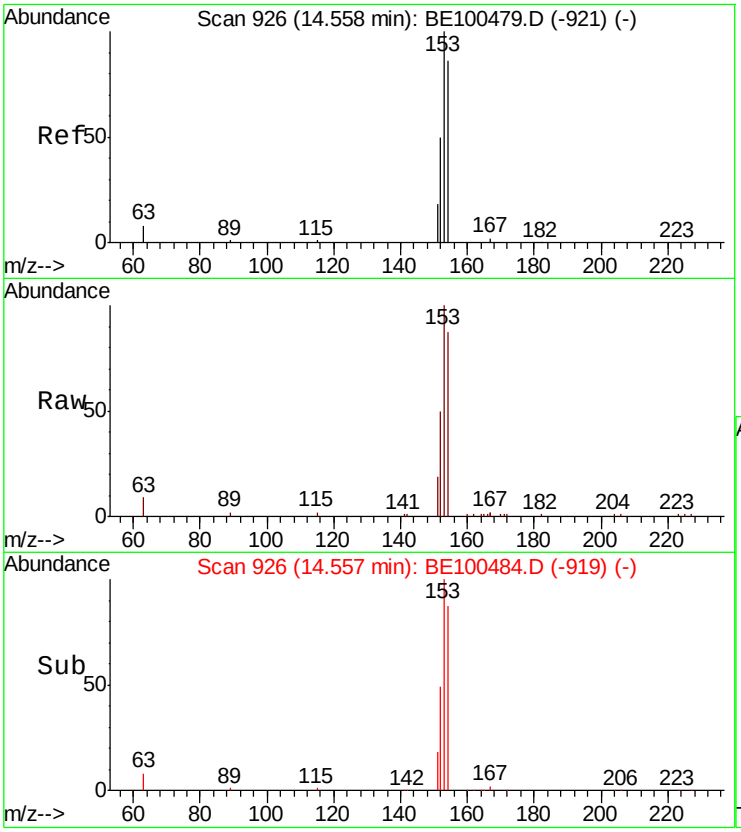


#16
Acenaphthylene
Concen: 0.373 ng
RT: 14.21 min Scan# 902
Delta R.T. -0.00 min
Lab File: BE100484.D
Acq: 22 Jul 2019 17:21

Tgt Ion:152 Resp: 12511

Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.1	24.1
153	13.3	10.6	16.0



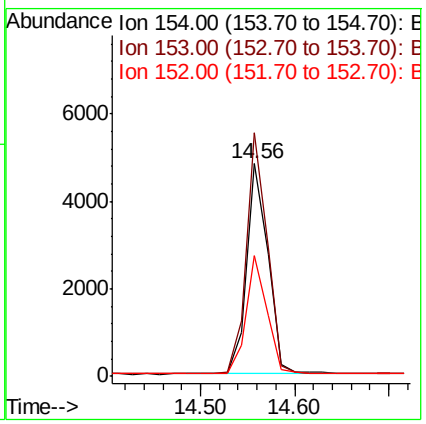


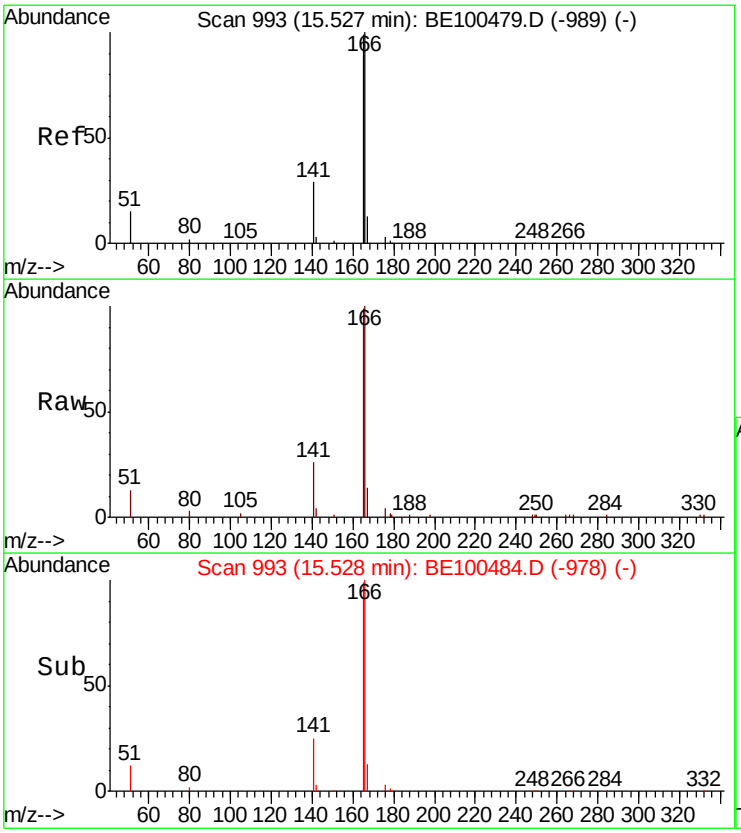
#17
Acenaphthene
Concen: 0.376 ng
RT: 14.56 min Scan# 926
Delta R.T. -0.00 min
Lab File: BE100484.D
Acq: 22 Jul 2019 17:21

Instrument :
BNA_E
ClientSampleId :
ICVBE072219

Tgt Ion:154 Resp: 7594

Ion	Ratio	Lower	Upper
154	100		
153	112.9	90.8	136.2
152	55.2	45.1	67.7

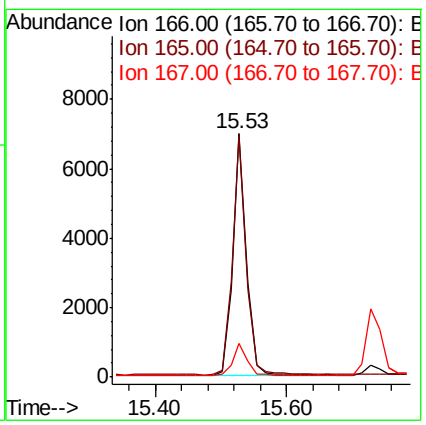


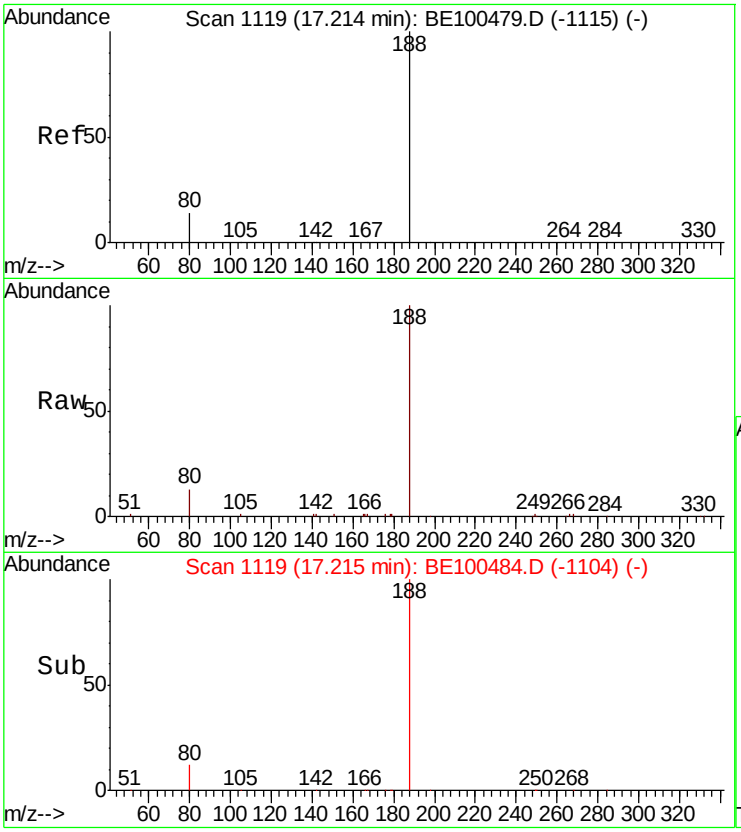


#18
Fluorene
Concen: 0.381 ng
RT: 15.53 min Scan# 993
Delta R.T. 0.00 min
Lab File: BE100484.D
Acq: 22 Jul 2019 17:21

Tgt Ion:166 Resp: 10269

Ion	Ratio	Lower	Upper
166	100		
165	99.5	78.3	117.5
167	13.7	10.9	16.3



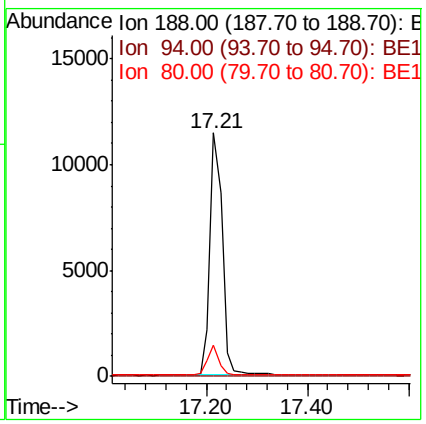


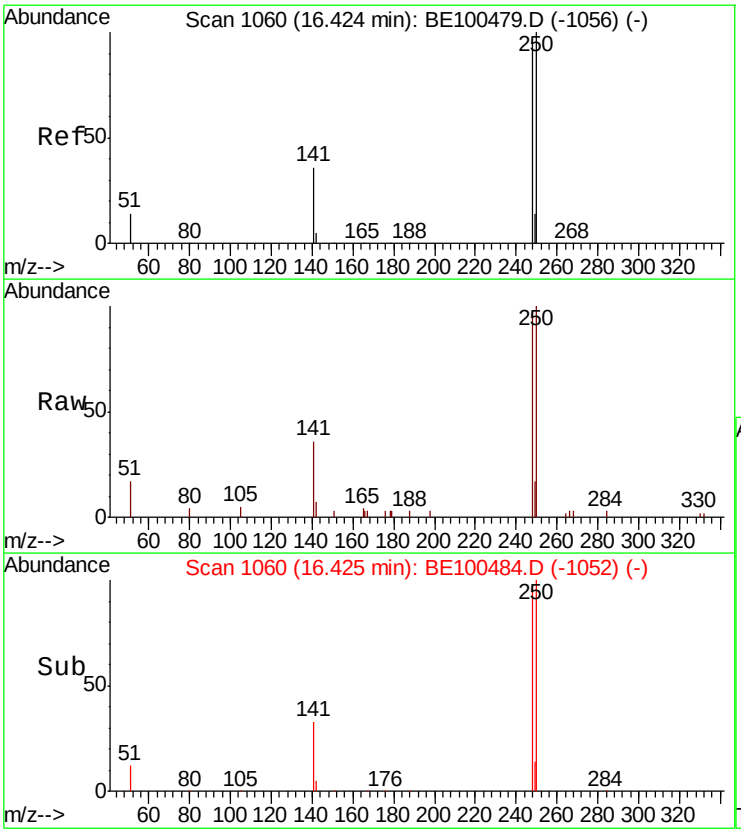
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BE100484.D
Acq: 22 Jul 2019 17:21

Instrument :
BNA_E
ClientSampleId :
ICVBE072219

Tgt Ion:188 Resp: 19464

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.0	11.9	17.9

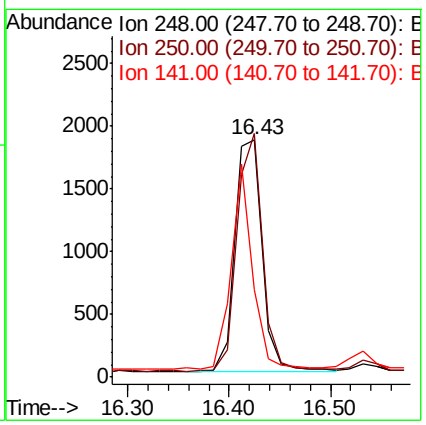


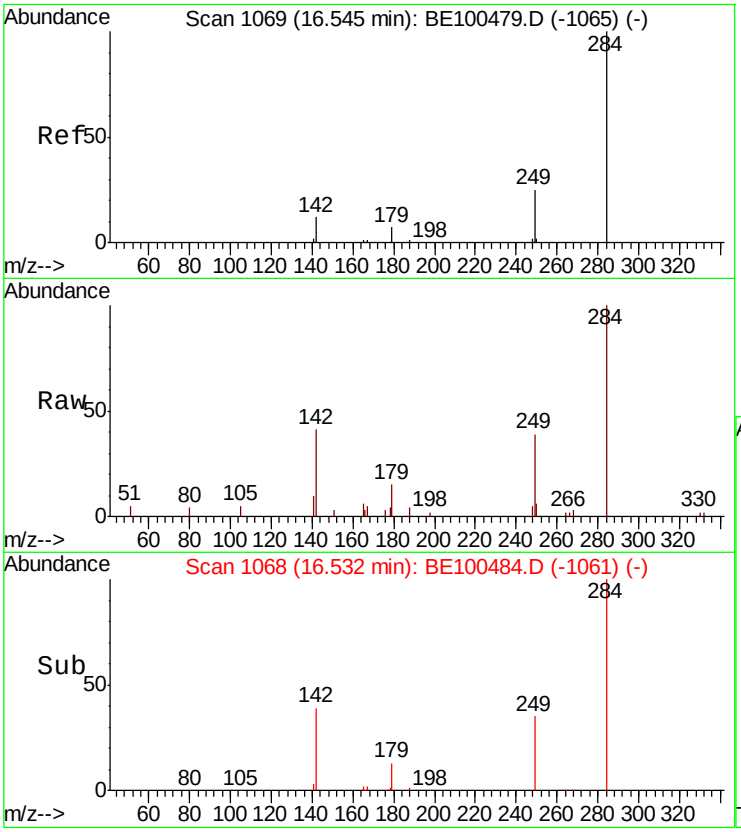


#20
4-Bromophenyl-phenylether
Concen: 0.377 ng
RT: 16.43 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BE100484.D
Acq: 22 Jul 2019 17:21

Tgt Ion:248 Resp: 3491

Ion	Ratio	Lower	Upper
248	100		
250	102.6	84.4	126.6
141	36.9	32.2	48.2



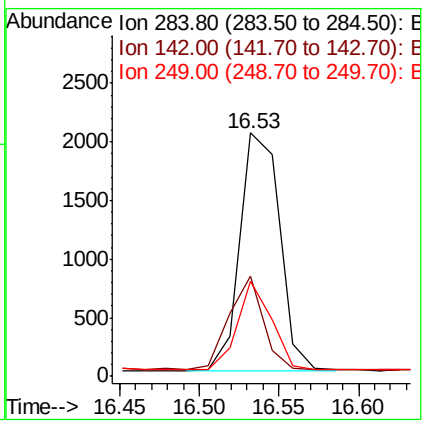


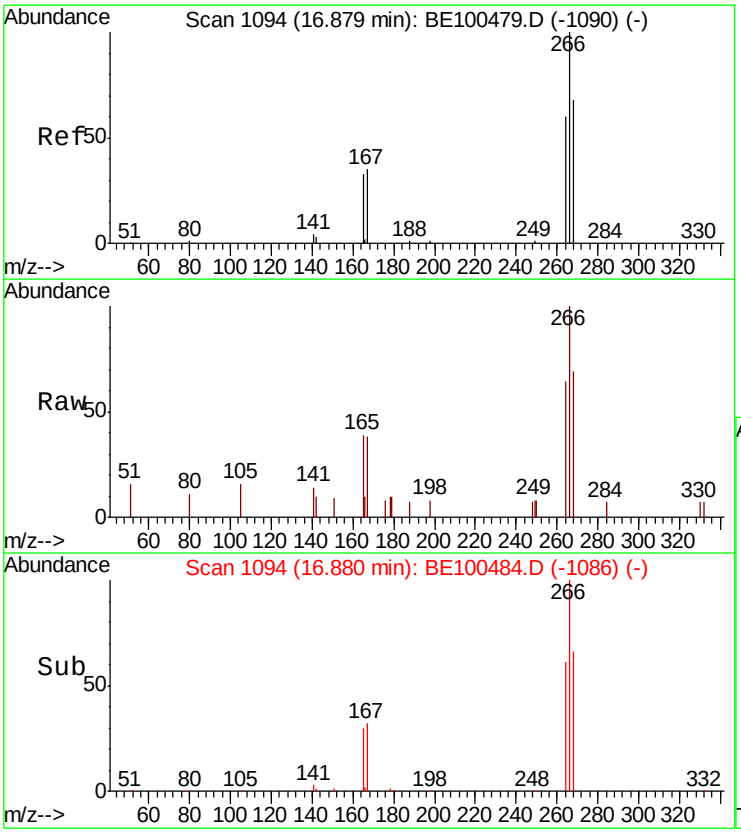
#21
Hexachlorobenzene
Concen: 0.373 ng
RT: 16.53 min Scan# 1068
Delta R.T. -0.01 min
Lab File: BE100484.D
Acq: 22 Jul 2019 17:21

Instrument :
BNA_E
ClientSampleId :
ICVBE072219

Tgt Ion:284 Resp: 3555

Ion	Ratio	Lower	Upper
284	100		
142	33.8	26.7	40.1
249	31.9	25.0	37.4

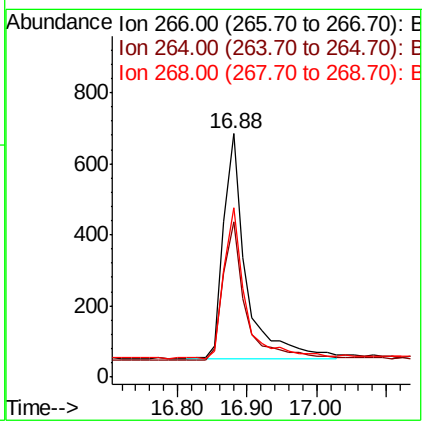


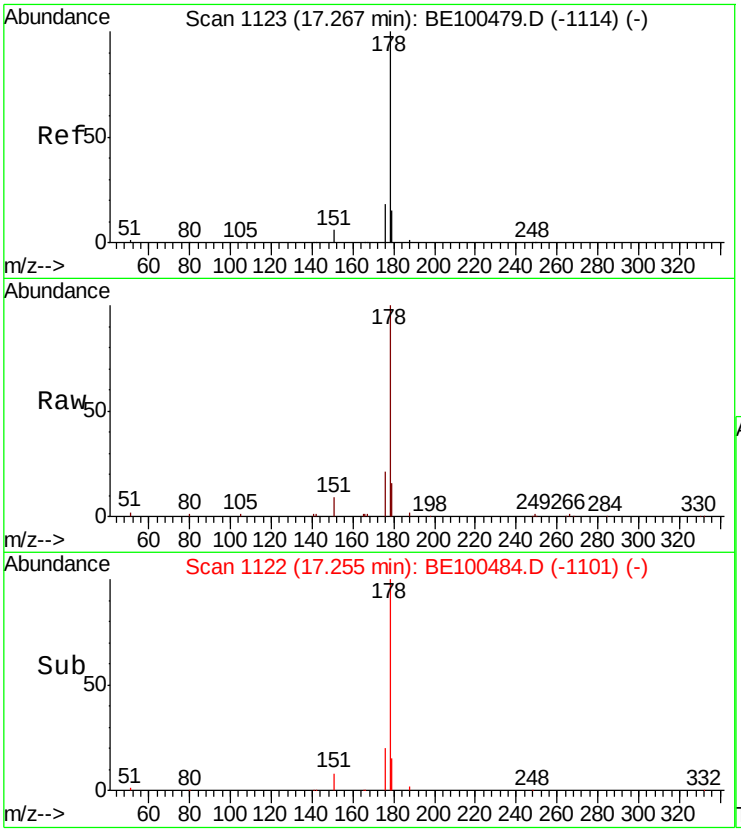


#22
Pentachlorophenol
Concen: 0.432 ng
RT: 16.88 min Scan# 1094
Delta R.T. 0.00 min
Lab File: BE100484.D
Acq: 22 Jul 2019 17:21

Tgt Ion:266 Resp: 1415

Ion	Ratio	Lower	Upper
266	100		
264	63.5	50.4	75.6
268	69.5	56.6	85.0



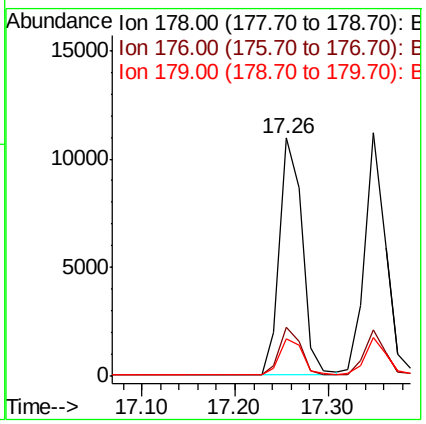


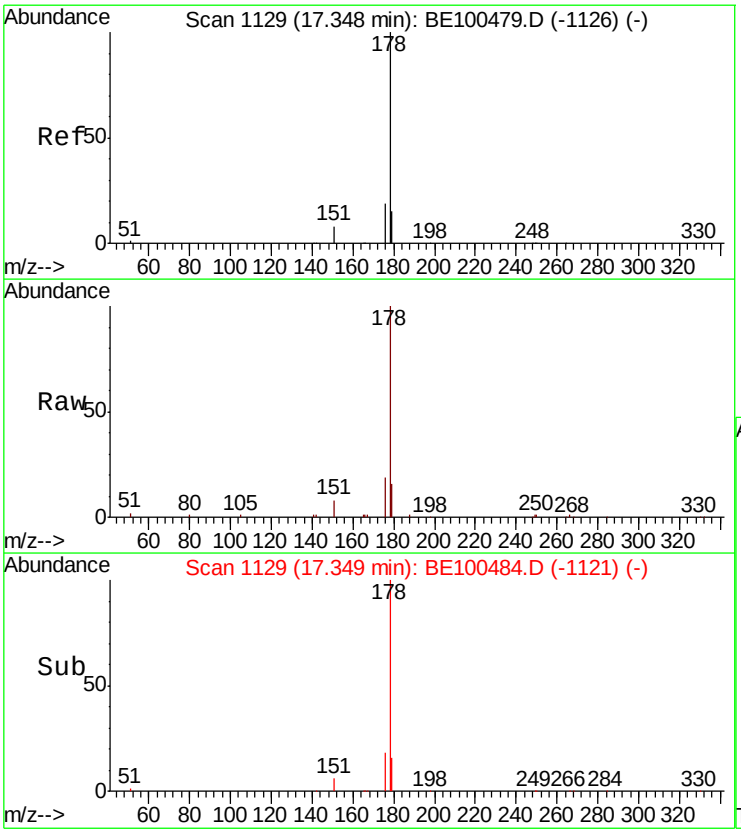
#23
Phenanthrene
Concen: 0.390 ng
RT: 17.26 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BE100484.D
Acq: 22 Jul 2019 17:21

Instrument :
BNA_E
ClientSampleId :
ICVBE072219

Tgt Ion:178 Resp: 18578

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.7	12.6	18.8

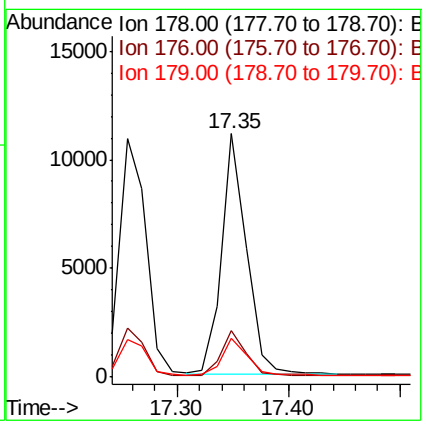


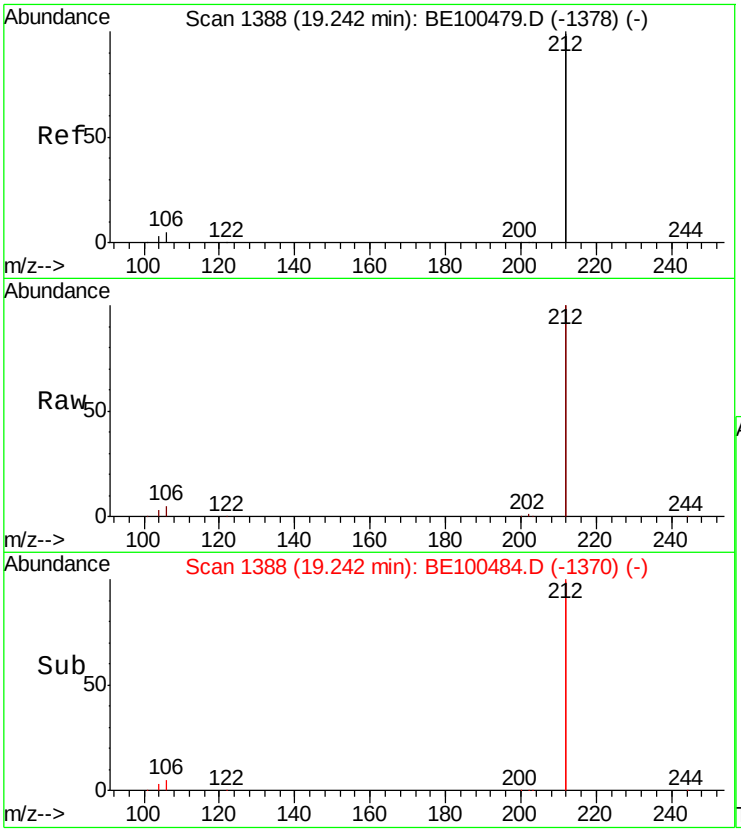


#24
Anthracene
Concen: 0.378 ng
RT: 17.35 min Scan# 1129
Delta R.T. 0.00 min
Lab File: BE100484.D
Acq: 22 Jul 2019 17:21

Tgt Ion:178 Resp: 17168

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.3	22.9
179	15.3	12.2	18.2



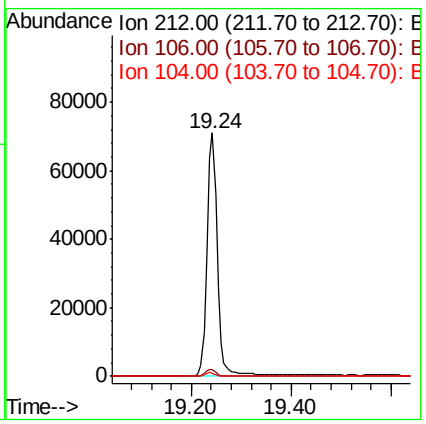


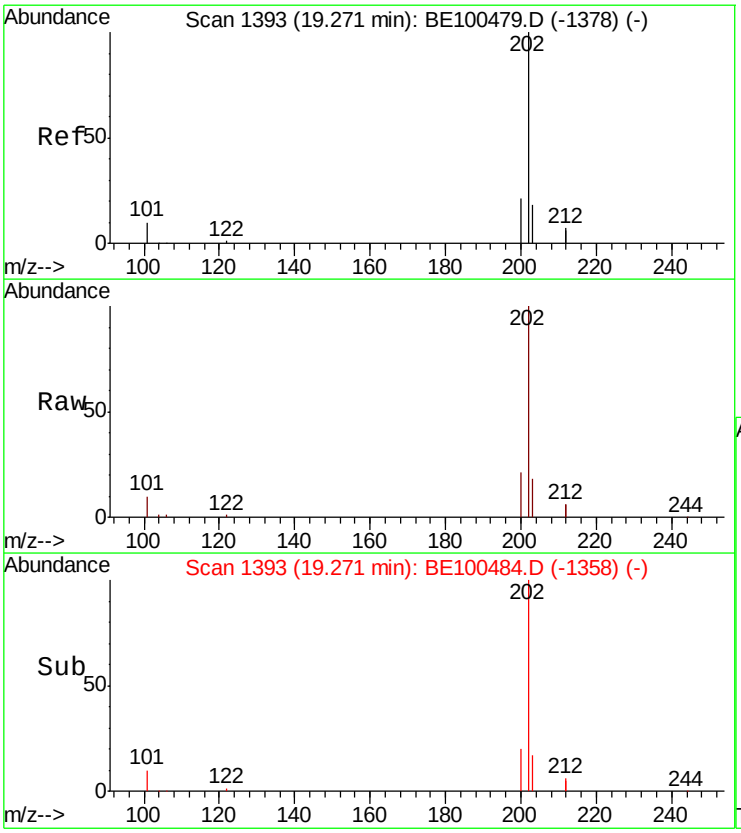
#25
Fluoranthene-d10
Concen: 0.377 ng
RT: 19.24 min Scan# 1388
Delta R.T. 0.00 min
Lab File: BE100484.D
Acq: 22 Jul 2019 17:21

Instrument :
BNA_E
ClientSampleId :
ICVBE072219

Tgt Ion:212 Resp: 100575

Ion	Ratio	Lower	Upper
212	100		
106	2.7	2.2	3.4
104	1.5	1.2	1.8

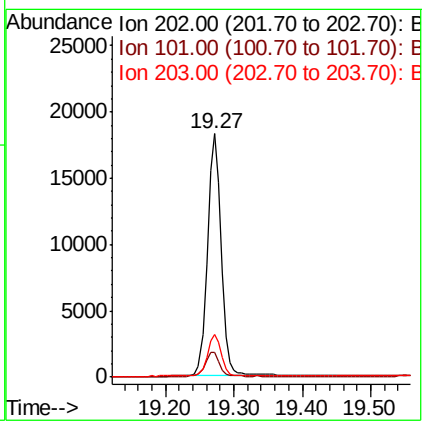


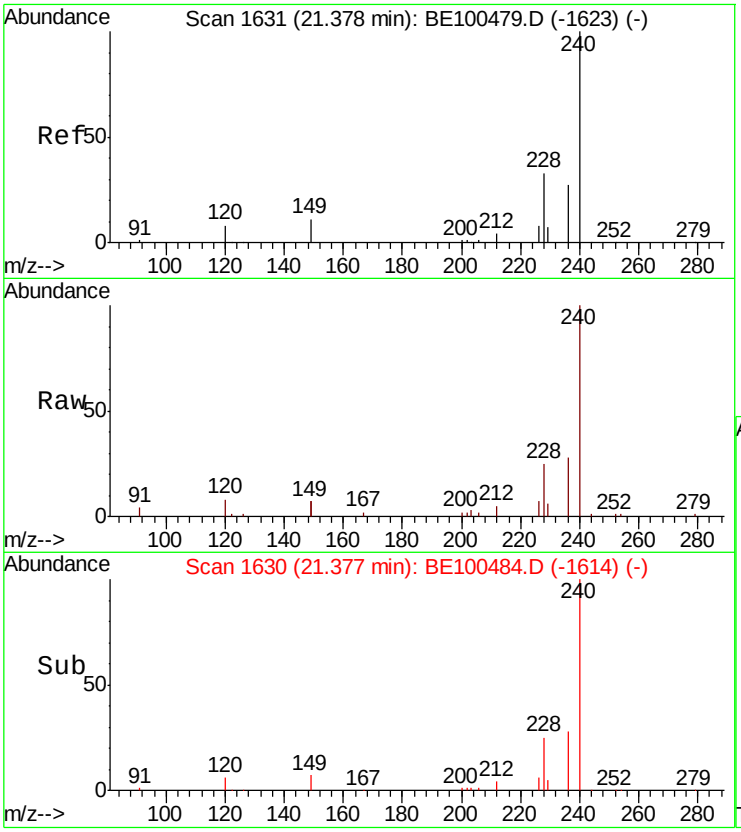


#26
Fluoranthene
Concen: 0.379 ng
RT: 19.27 min Scan# 1393
Delta R.T. 0.00 min
Lab File: BE100484.D
Acq: 22 Jul 2019 17:21

Tgt Ion:202 Resp: 26011

Ion	Ratio	Lower	Upper
202	100		
101	10.2	8.0	12.0
203	16.8	13.5	20.3



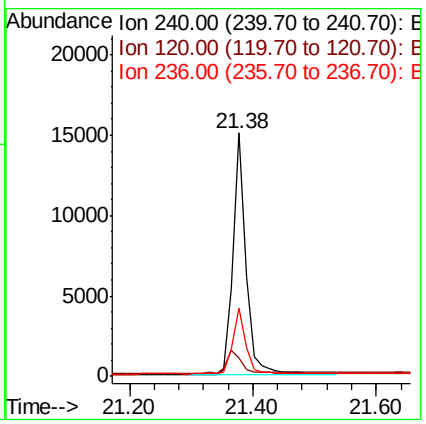


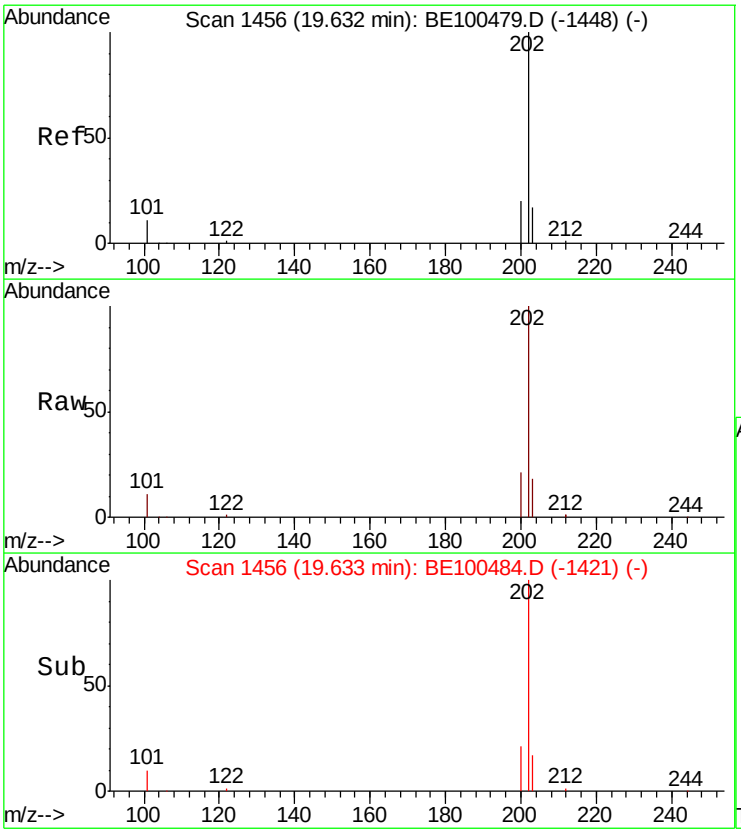
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.38 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE100484.D
Acq: 22 Jul 2019 17:21

Instrument :
BNA_E
ClientSampleId :
ICVBE072219

Tgt Ion:240 Resp: 21746

Ion	Ratio	Lower	Upper
240	100		
120	7.6	8.2	12.2#
236	28.2	22.6	34.0

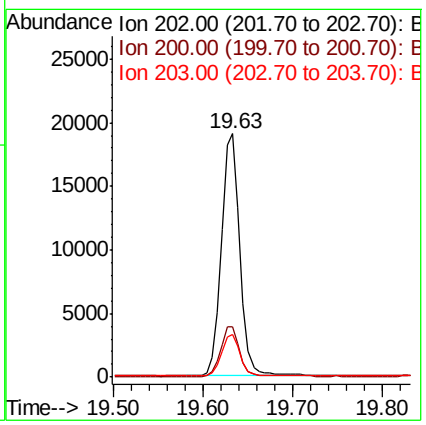


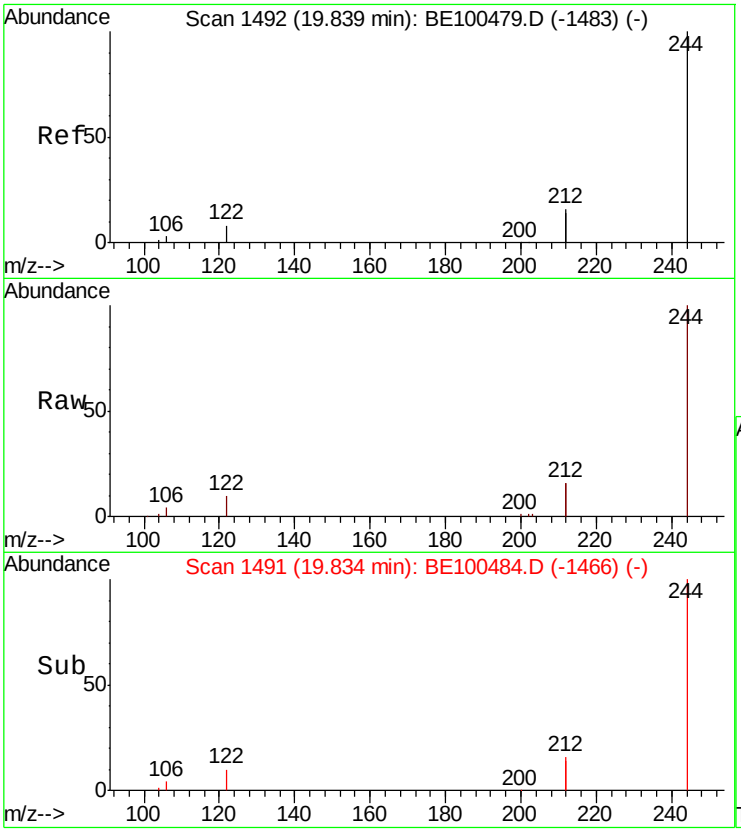


#28
Pyrene
Concen: 0.403 ng
RT: 19.63 min Scan# 1456
Delta R.T. 0.00 min
Lab File: BE100484.D
Acq: 22 Jul 2019 17:21

Tgt Ion:202 Resp: 27307

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	24.8
203	17.6	14.1	21.1



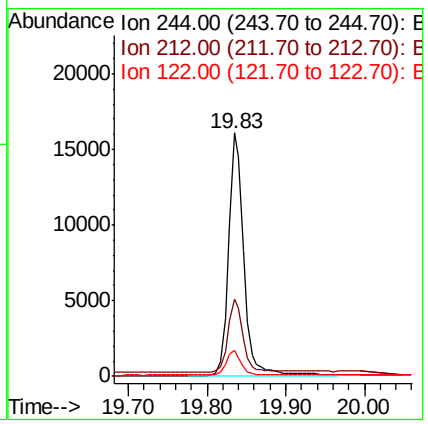


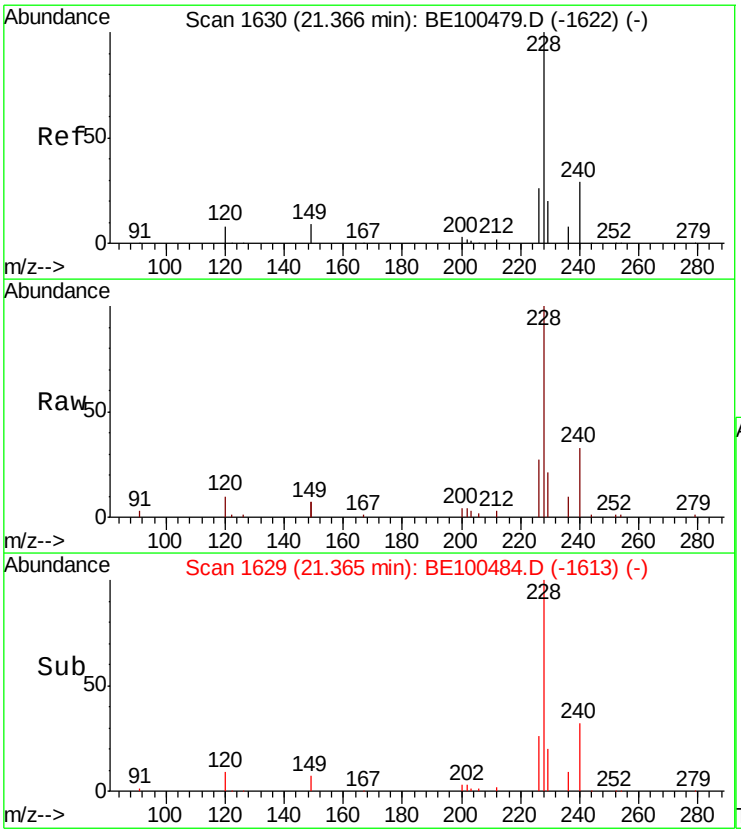
#29
Terphenyl-d14
Concen: 0.400 ng
RT: 19.83 min Scan# 1491
Delta R.T. -0.01 min
Lab File: BE100484.D
Acq: 22 Jul 2019 17:21

Instrument :
BNA_E
ClientSampleId :
ICVBE072219

Tgt Ion:244 Resp: 21487

Ion	Ratio	Lower	Upper
244	100		
212	31.7	25.6	38.4
122	10.4	7.2	10.8

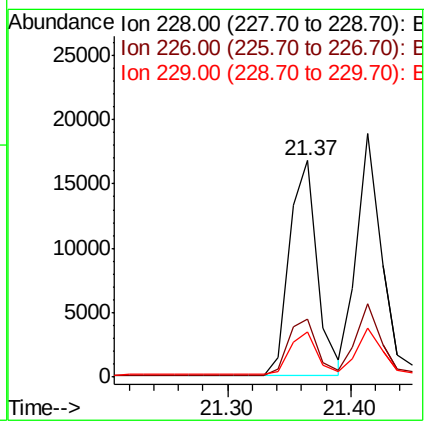


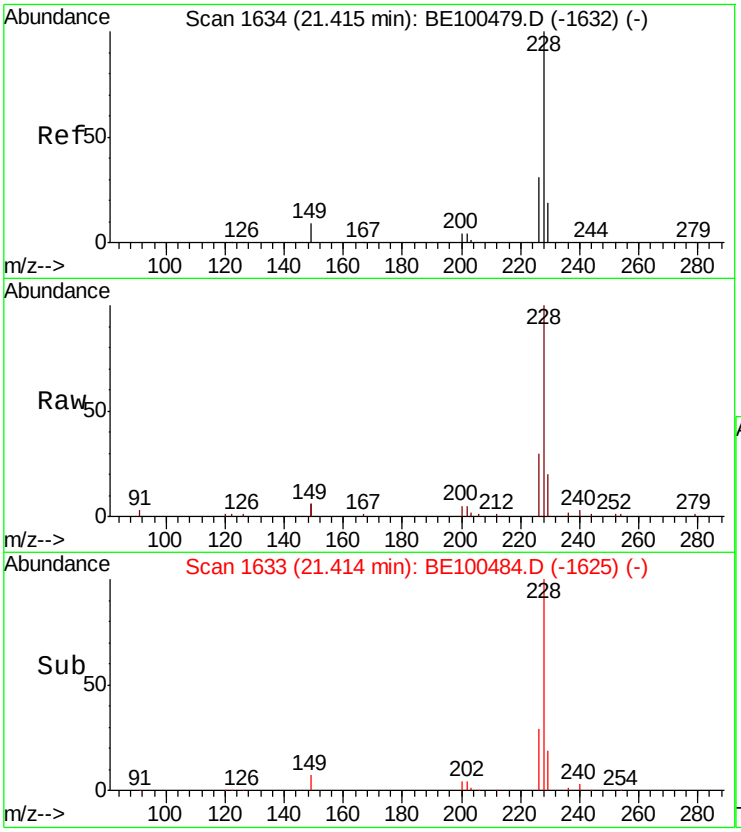


#30
Benzo(a)anthracene
Concen: 0.397 ng
RT: 21.37 min Scan# 1629
Delta R.T. -0.00 min
Lab File: BE100484.D
Acq: 22 Jul 2019 17:21

Tgt Ion:228 Resp: 26334

Ion	Ratio	Lower	Upper
228	100		
226	26.7	21.4	32.2
229	20.7	17.3	25.9



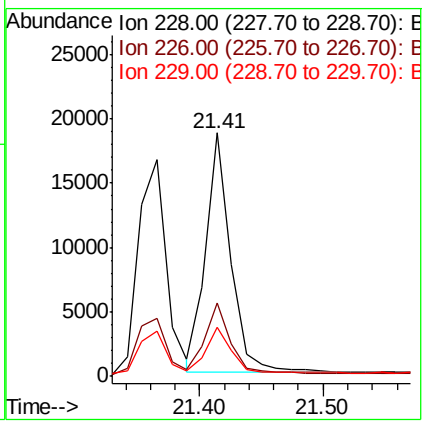


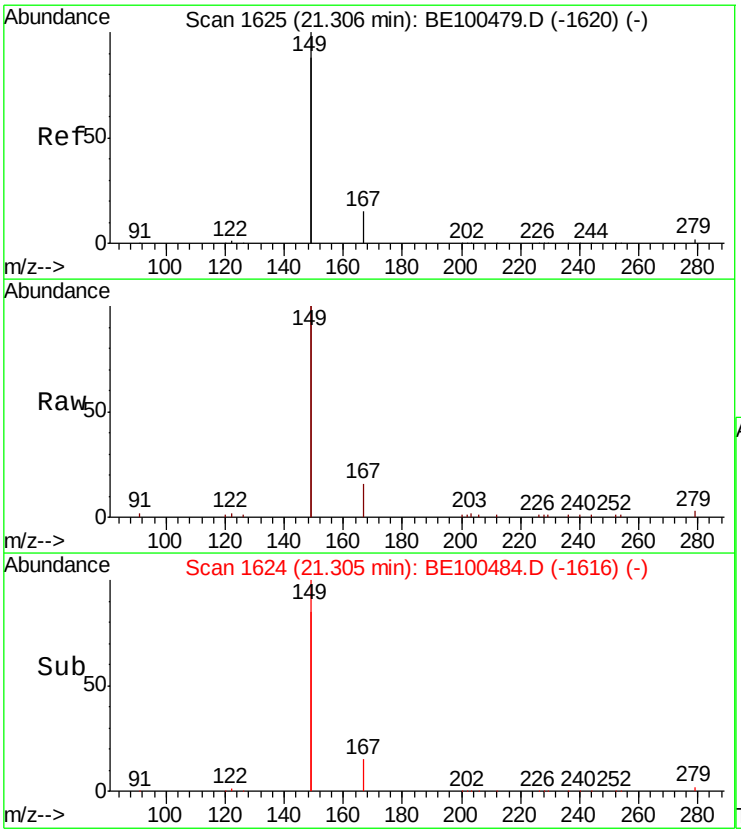
#31
Chrysene
Concen: 0.397 ng
RT: 21.41 min Scan# 1633
Delta R.T. -0.00 min
Lab File: BE100484.D
Acq: 22 Jul 2019 17:21

Instrument :
BNA_E
ClientSampleId :
ICVBE072219

Tgt Ion:228 Resp: 26013

Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.0	37.6
229	20.3	16.7	25.1

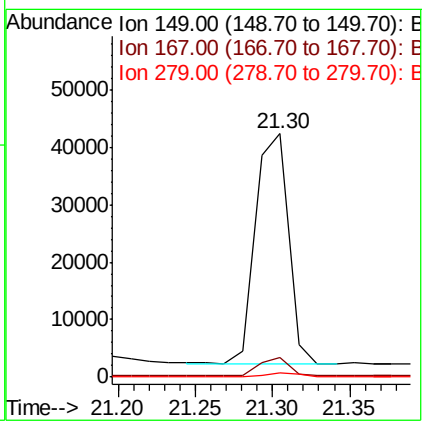


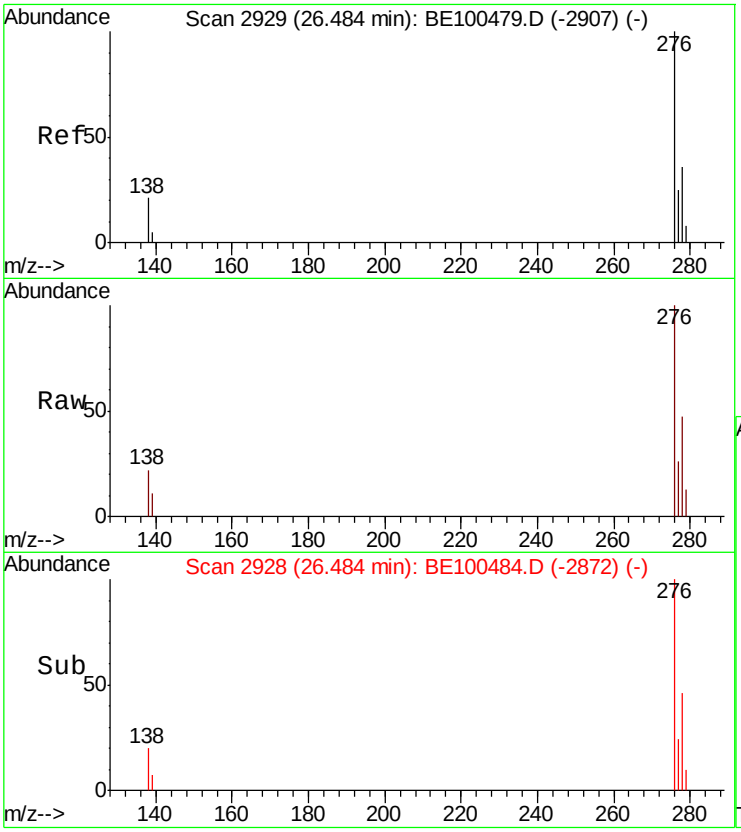


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.392 ng
RT: 21.30 min Scan# 1624
Delta R.T. -0.00 min
Lab File: BE100484.D
Acq: 22 Jul 2019 17:21

Tgt Ion:149 Resp: 59694

Ion	Ratio	Lower	Upper
149	100		
167	7.5	5.9	8.9
279	1.1	1.0	1.6



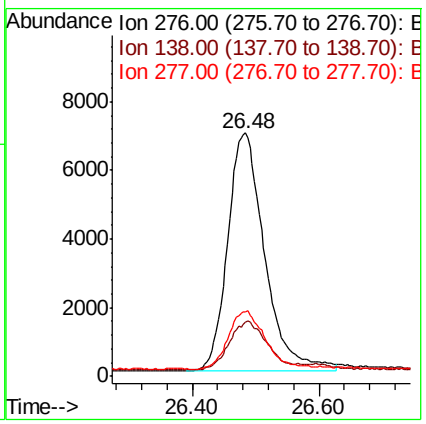


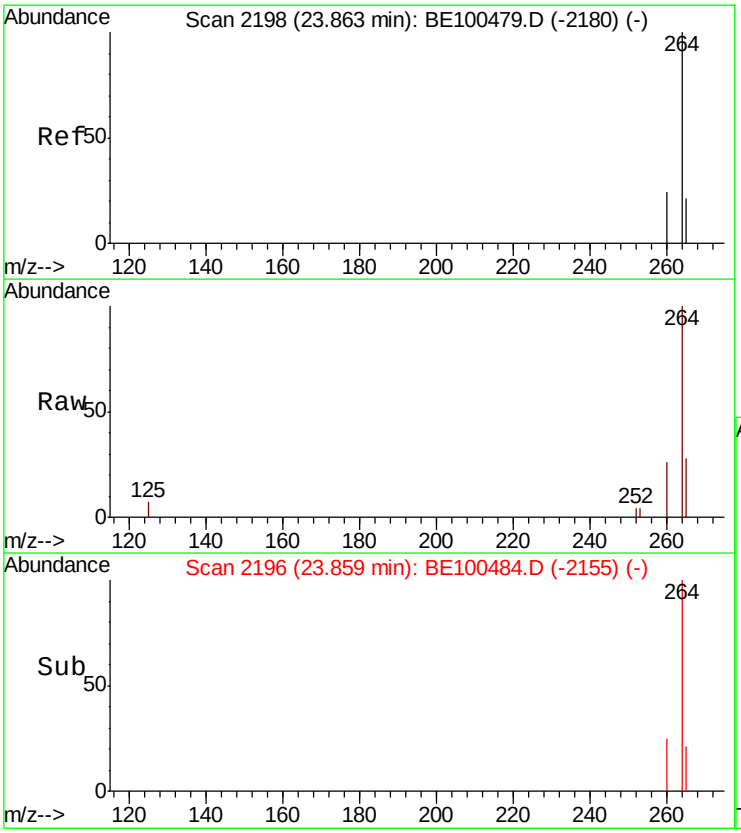
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.394 ng
RT: 26.48 min Scan# 2928
Delta R.T. 0.00 min
Lab File: BE100484.D
Acq: 22 Jul 2019 17:21

Instrument :
BNA_E
ClientSampleId :
ICVBE072219

Tgt Ion:276 Resp: 28142

Ion	Ratio	Lower	Upper
276	100		
138	21.0	16.6	25.0
277	24.4	19.1	28.7

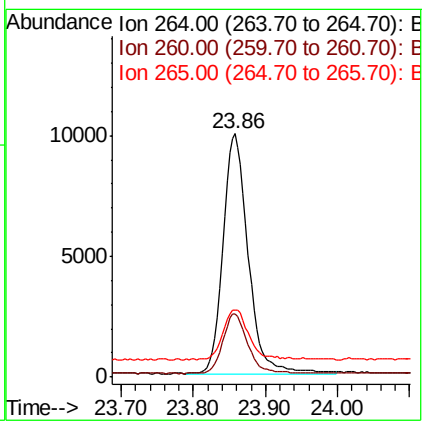


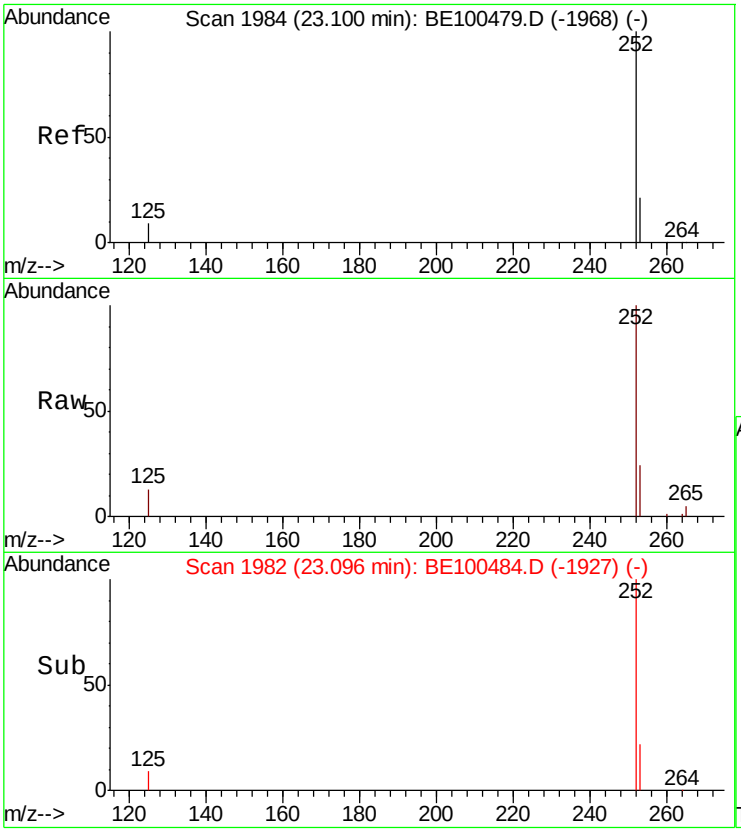


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.86 min Scan# 2196
Delta R.T. -0.00 min
Lab File: BE100484.D
Acq: 22 Jul 2019 17:21

Tgt Ion:264 Resp: 23565

Ion	Ratio	Lower	Upper
264	100		
260	25.8	20.7	31.1
265	27.8	23.4	35.2



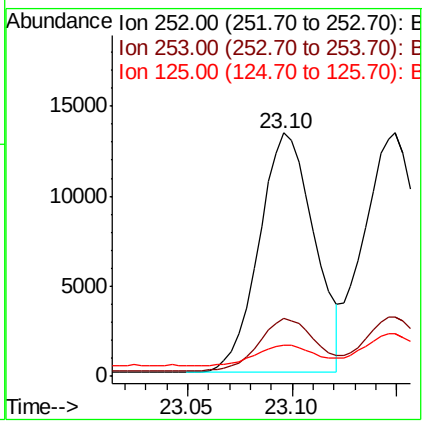


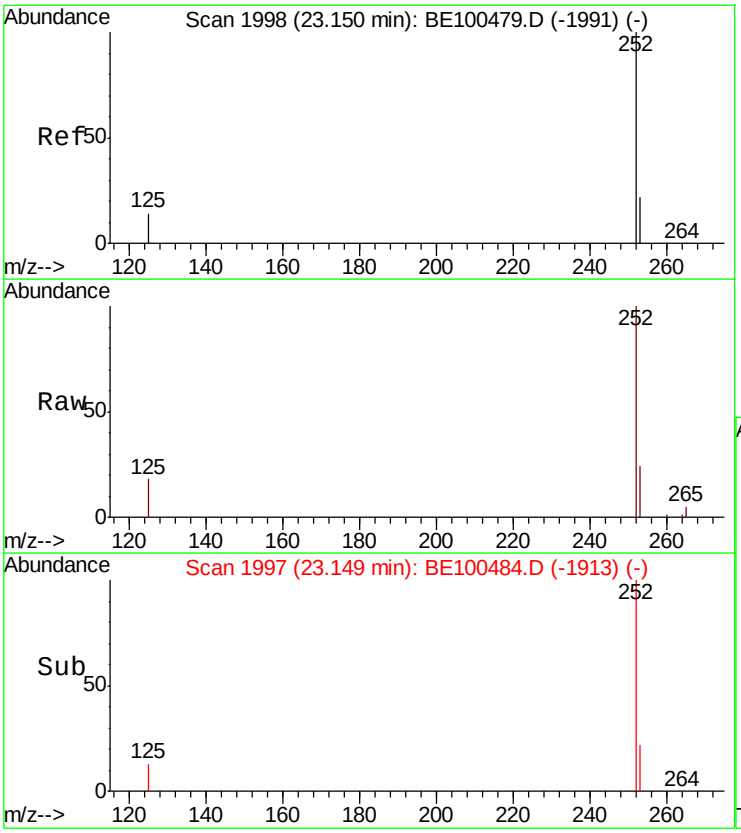
#35
Benzo(b)fluoranthene
Concen: 0.379 ng
RT: 23.10 min Scan# 1982
Delta R.T. -0.00 min
Lab File: BE100484.D
Acq: 22 Jul 2019 17:21

Instrument :
BNA_E
ClientSampleId :
ICVBE072219

Tgt Ion:252 Resp: 24457

Ion	Ratio	Lower	Upper
252	100		
253	23.9	19.2	28.8
125	13.0	11.9	17.9

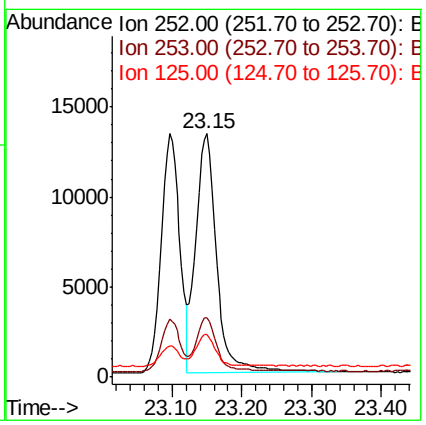


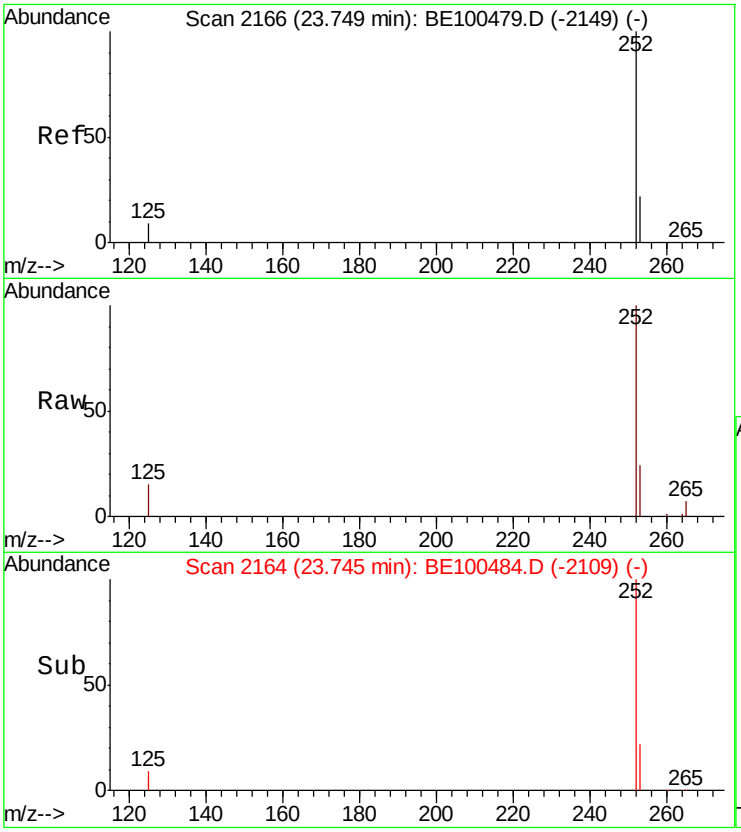


#36
Benzo(k)fluoranthene
Concen: 0.404 ng
RT: 23.15 min Scan# 1997
Delta R.T. -0.00 min
Lab File: BE100484.D
Acq: 22 Jul 2019 17:21

Tgt Ion:252 Resp: 27352

Ion	Ratio	Lower	Upper
252	100		
253	24.3	19.7	29.5
125	17.8	15.2	22.8



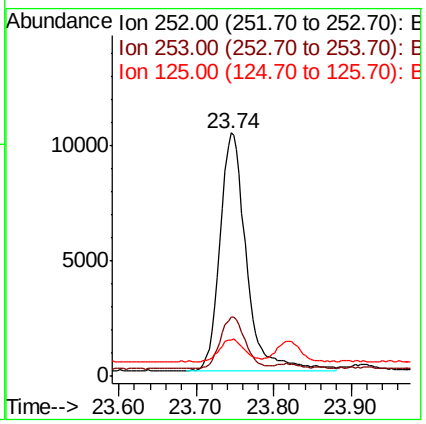


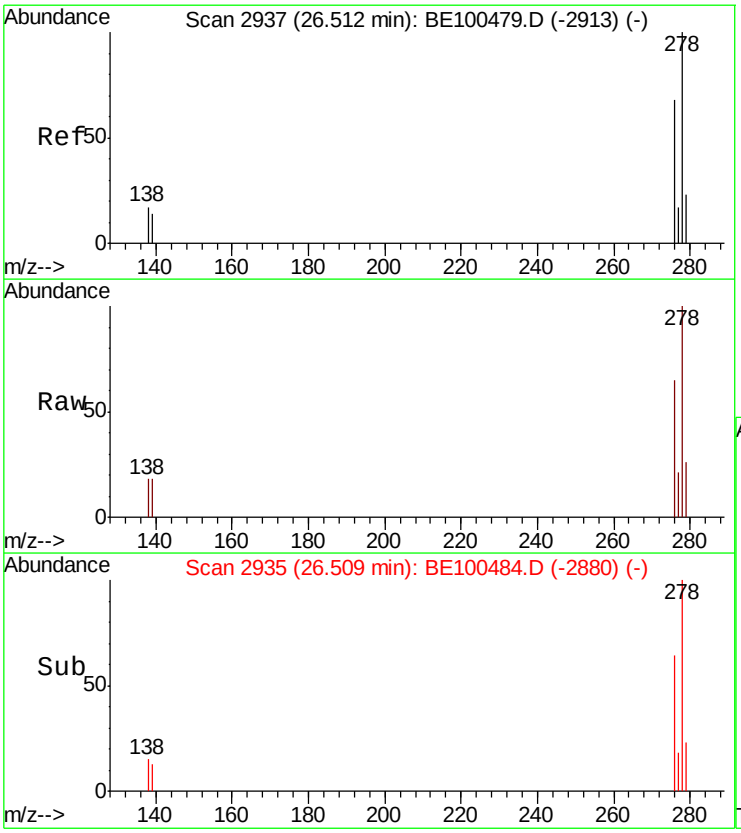
#37
Benzo(a)pyrene
Concen: 0.391 ng
RT: 23.74 min Scan# 2164
Delta R.T. -0.00 min
Lab File: BE100484.D
Acq: 22 Jul 2019 17:21

Instrument :
BNA_E
ClientSampleId :
ICVBE072219

Tgt Ion:252 Resp: 24531

Ion	Ratio	Lower	Upper
252	100		
253	24.4	20.0	30.0
125	14.9	14.1	21.1

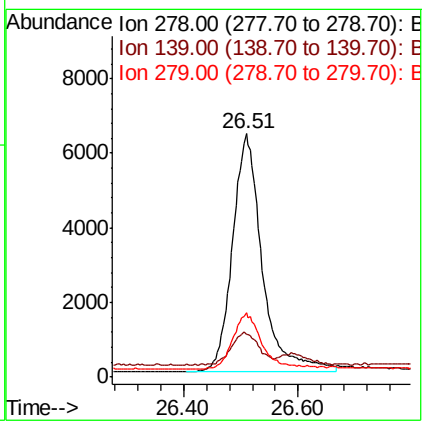


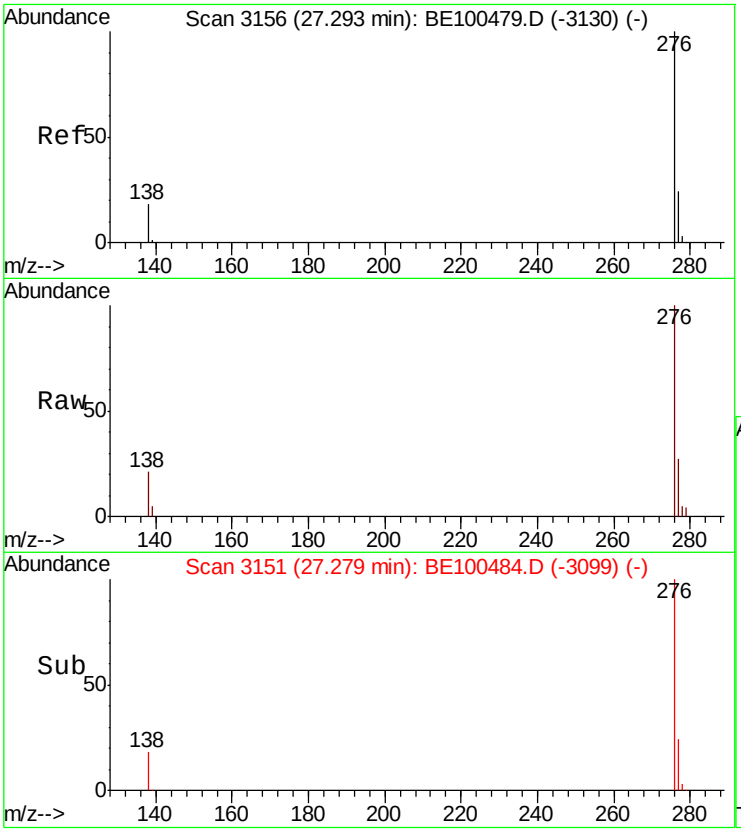


#38
Dibenzo(a,h)anthracene
Concen: 0.387 ng
RT: 26.51 min Scan# 2935
Delta R.T. -0.00 min
Lab File: BE100484.D
Acq: 22 Jul 2019 17:21

Tgt Ion:278 Resp: 22930

Ion	Ratio	Lower	Upper
278	100		
139	17.8	16.8	25.2
279	26.3	21.8	32.8





#39
Benzo(g,h,i)perylene
Concen: 0.390 ng
RT: 27.28 min Scan# 3151
Delta R.T. -0.01 min
Lab File: BE100484.D
Acq: 22 Jul 2019 17:21

Instrument :
BNA_E
ClientSampleId :
ICVBE072219

Tgt Ion:276 Resp: 23674

Ion	Ratio	Lower	Upper
276	100		
277	26.9	22.0	33.0
138	20.8	17.3	25.9