Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072219\
Data File : BE100479.D
Acq On : 22 Jul 2019 13:49
Operator : HP/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jul 22 15:51:47 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 15:44:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	2573	0.40	ng		0.00
7) Naphthalene-d8	10.67	136	10872	0.40	ng		0.00
13) Acenaphthene-d10	14.50	164	7268	0.40	ng		0.00
19) Phenanthrene-d10	17.21	188	18894	0.40	ng		0.00
27) Chrysene-d12	21.38	240	22392	0.40	ng		0.00
34) Perylene-d12	23.86	264	24143	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.46	112	2467	0.39	ng		0.00
5) Phenol-d6	7.03	99	3544	0.39	ng		0.00
8) Nitrobenzene-d5	9.02	82	3398	0.39	ng		0.00
11) 2-Methylnaphthalene-d10	12.25	152	7025	0.40	ng		0.00
14) 2,4,6-Tribromophenol	15.97	330	1092	0.36	ng		0.00
15) 2-Fluorobiphenyl	13.13	172	11096	0.37	ng		0.00
25) Fluoranthene-d10	19.24	212	100488	0.38	ng		0.00
29) Terphenyl-d14	19.84	244	21508	0.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.36	88	1542	0.390	ng		98
3) n-Nitrosodimethylamine	3.68	42	940	0.411	ng	#	98
6) bis(2-Chloroethyl)ether	7.30	93	3040	0.390	ng		100
9) Naphthalene	10.71	128	41755	0.401	ng		100
10) Hexachlorobutadiene	11.00	225	1995	0.400	ng		100
12) 2-Methylnaphthalene	12.32	142	7336	0.404	ng		100
16) Acenaphthylene	14.21	152	12484	0.374	ng		100
17) Acenaphthene	14.56	154	7620	0.375	ng		100
18) Fluorene	15.53	166	10306	0.381	ng		100
20) 4-Bromophenyl-phenylether	16.42	248	3469	0.398	ng		100
21) Hexachlorobenzene	16.54	284	3580	0.394	ng		100
22) Pentachlorophenol	16.88	266	1325	0.360	ng		100
23) Phenanthrene	17.27	178	18044	0.386	ng		100
24) Anthracene	17.35	178	16834	0.385	ng		100
26) Fluoranthene	19.27	202	26309	0.379	ng		100
28) Pyrene	19.63	202	27369	0.416	ng		100
30) Benzo(a)anthracene	21.37	228	26847	0.393	ng		100
31) Chrysene	21.41	228	26566	0.390	ng		100
32) Bis(2-ethylhexyl)phthalate	21.31	149	62762	0.414	ng		100
33) Indeno(1,2,3-cd)pyrene	26.48	276	29174	0.396	ng		100
35) Benzo(b)fluoranthene	23.10	252	25402	0.381	ng		100
36) Benzo(k)fluoranthene	23.15	252	26912	0.380	ng		100
37) Benzo(a)pyrene	23.75	252	24757	0.385	ng		100
38) Dibenzo(a,h)anthracene	26.51	278	23044	0.380	ng		100
39) Benzo(g,h,i)perylene	27.29	276	23997	0.384	ng		100

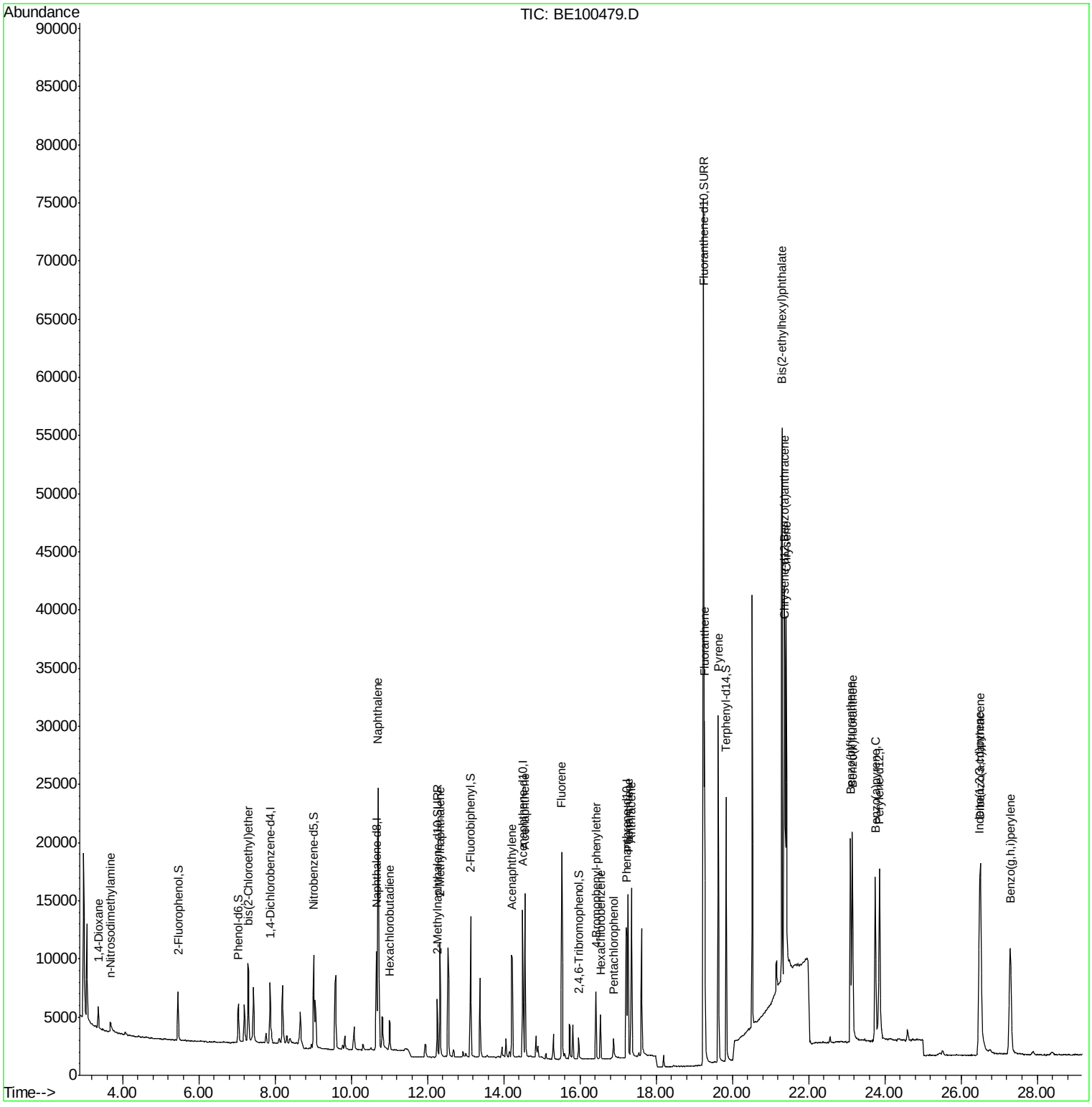
(#) = qualifier out of range (m) = manual integration (+) = signals summed

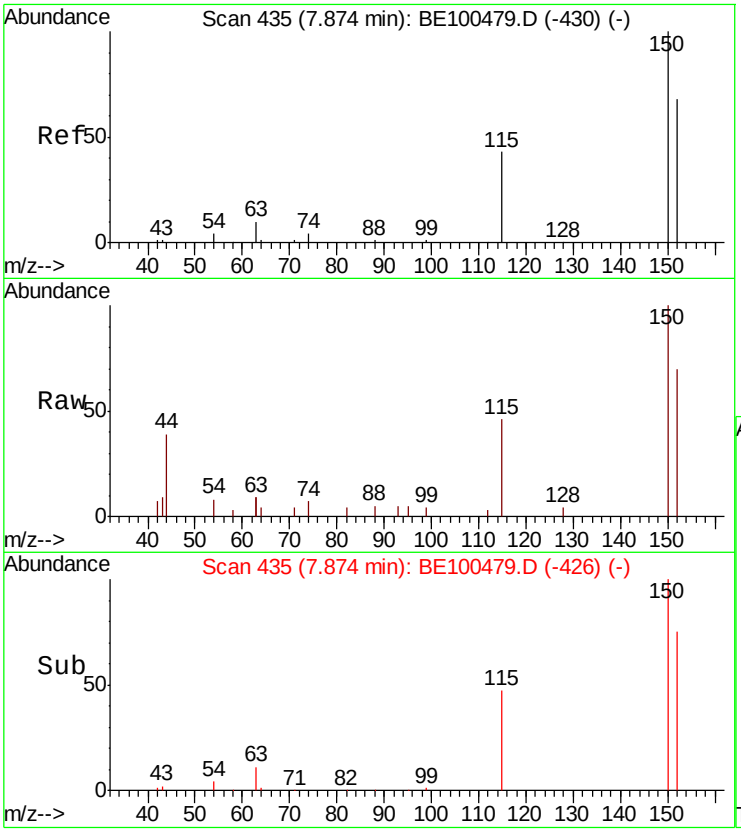
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072219\
Data File : BE100479.D
Acq On : 22 Jul 2019 13:49
Operator : HP/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jul 22 15:51:47 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 15:44:08 2019
Response via : Initial Calibration



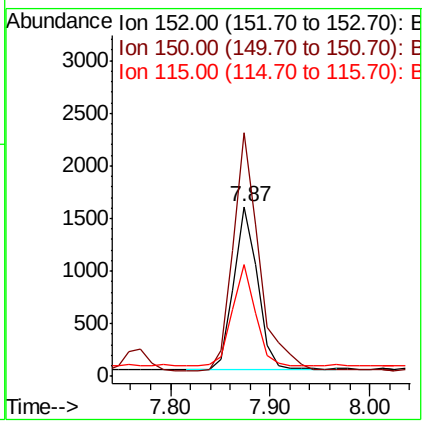


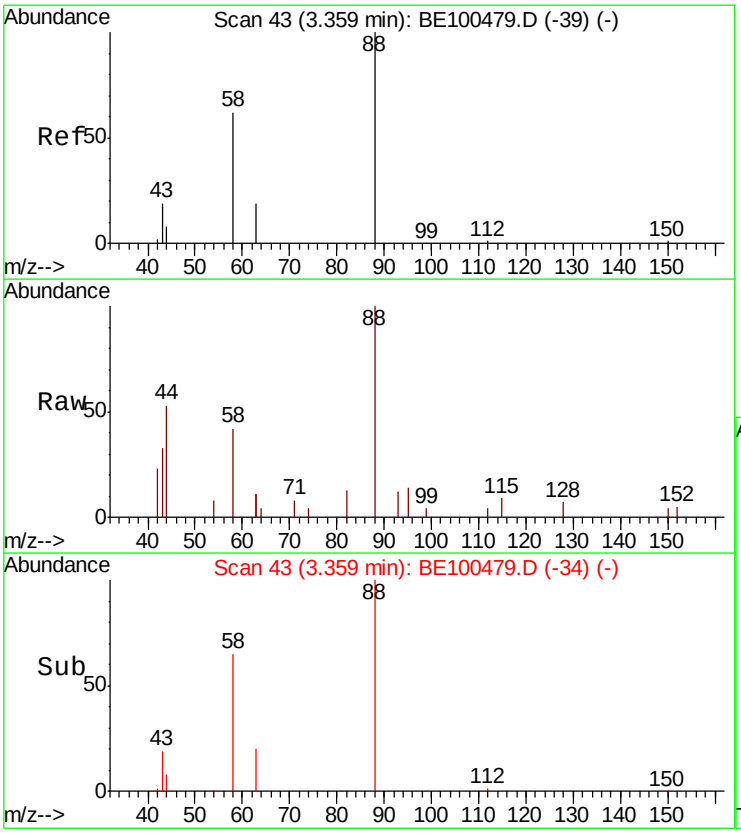
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.87 min Scan# 435
Delta R.T. 0.00 min
Lab File: BE100479.D
Acq: 22 Jul 2019 13:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 2573

Ion	Ratio	Lower	Upper
152	100		
150	143.8	115.0	172.6
115	66.1	52.9	79.3

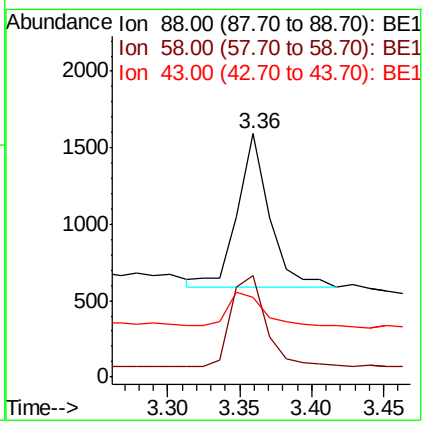


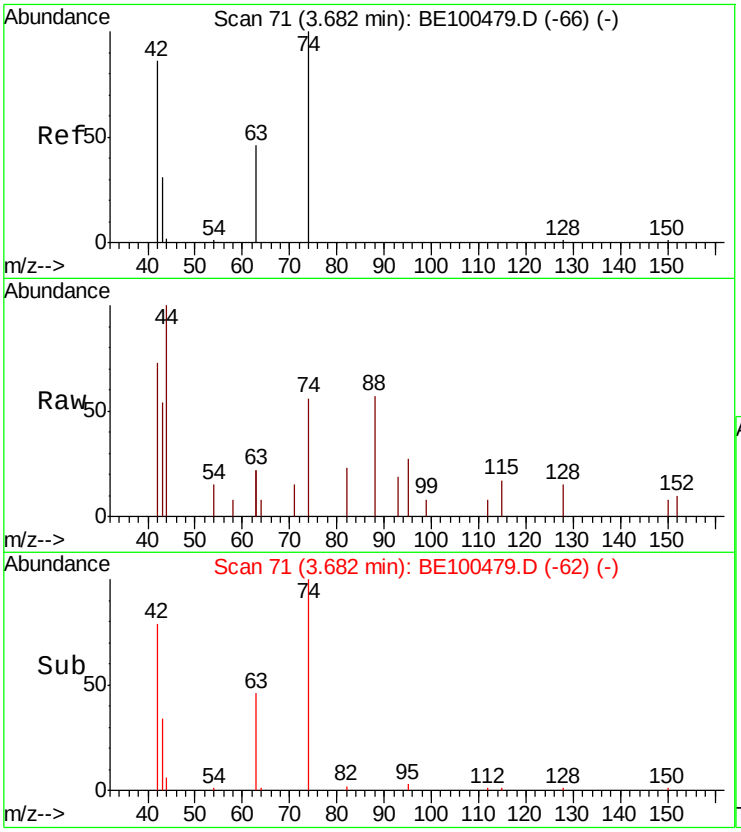


#2
1,4-Dioxane
Concen: 0.390 ng
RT: 3.36 min Scan# 43
Delta R.T. 0.00 min
Lab File: BE100479.D
Acq: 22 Jul 2019 13:49

Tgt Ion: 88 Resp: 1542

Ion	Ratio	Lower	Upper
88	100		
58	66.2	53.2	79.8
43	22.8	20.8	31.2



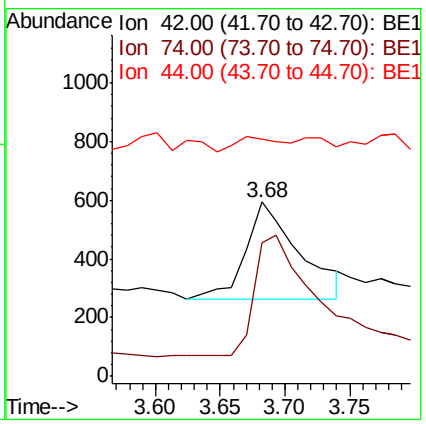


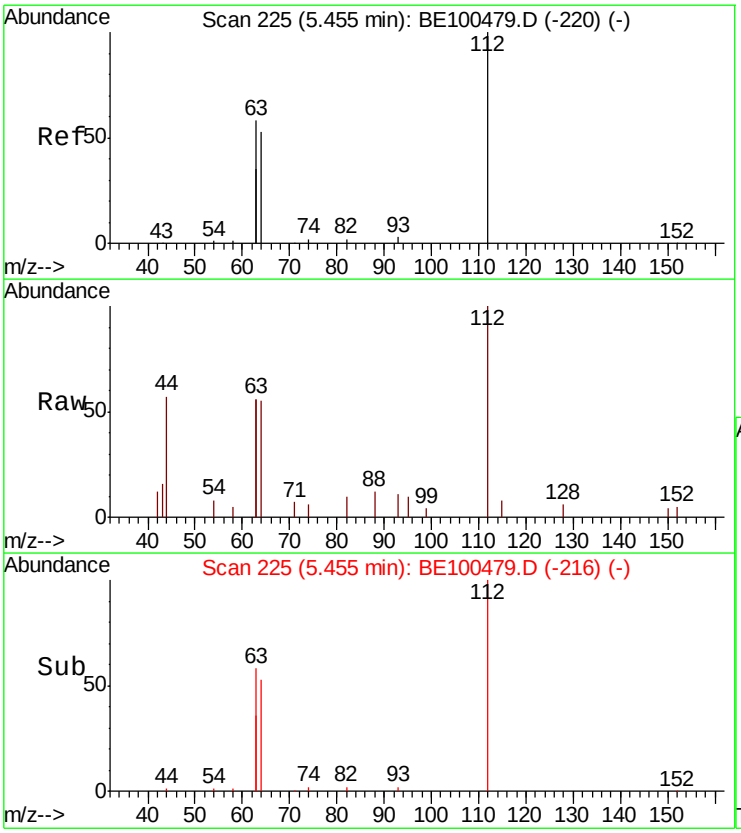
#3
n-Nitrosodimethylamine
Concen: 0.411 ng
RT: 3.68 min Scan# 71
Delta R.T. 0.00 min
Lab File: BE100479.D
Acq: 22 Jul 2019 13:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 940

Ion	Ratio	Lower	Upper
42	100		
74	0.0	0.0	0.0
44	12.7	9.6	14.4

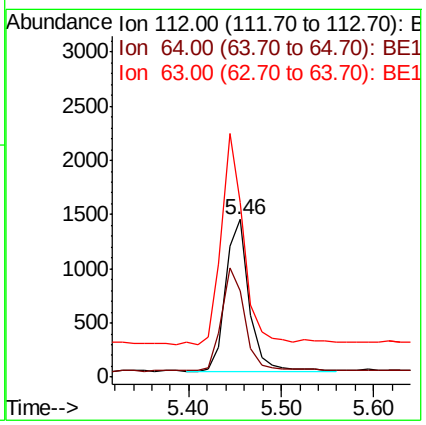


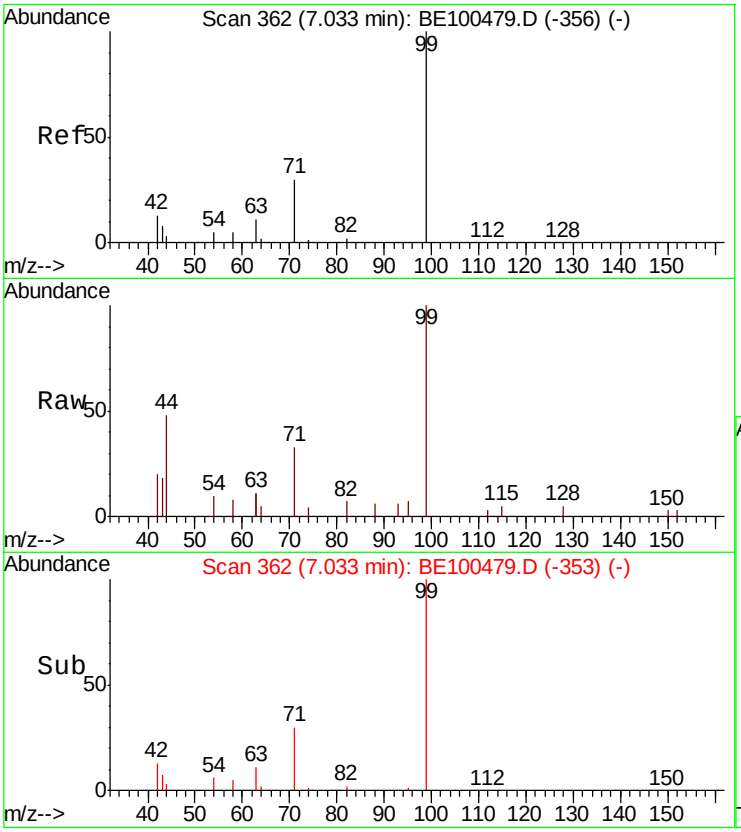


#4
2-Fluorophenol
Concen: 0.385 ng
RT: 5.46 min Scan# 225
Delta R.T. 0.00 min
Lab File: BE100479.D
Acq: 22 Jul 2019 13:49

Tgt Ion:112 Resp: 2467

Ion	Ratio	Lower	Upper
112	100		
64	67.6	54.1	81.1
63	130.8	104.6	157.0



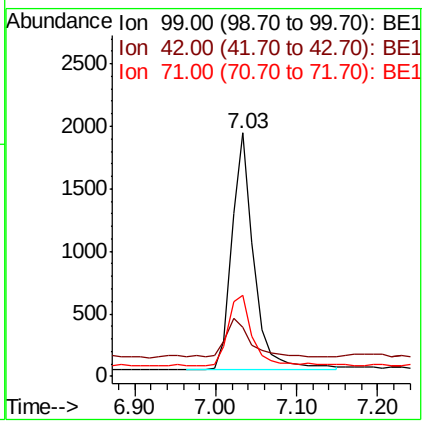


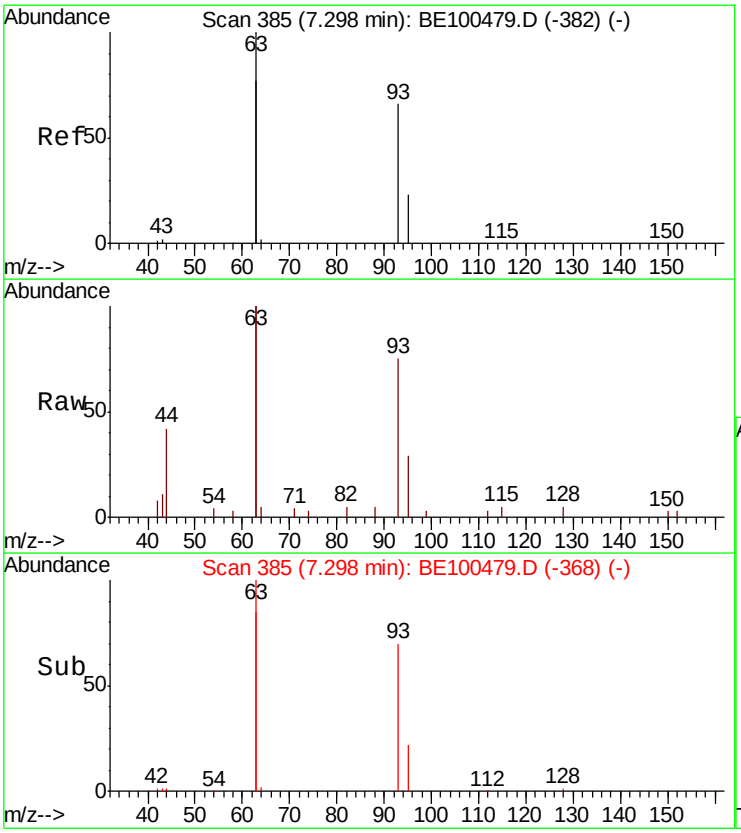
#5
Phenol-d6
Concen: 0.394 ng
RT: 7.03 min Scan# 362
Delta R.T. 0.00 min
Lab File: BE100479.D
Acq: 22 Jul 2019 13:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 3544

Ion	Ratio	Lower	Upper
99	100		
42	18.1	14.5	21.7
71	33.0	26.4	39.6

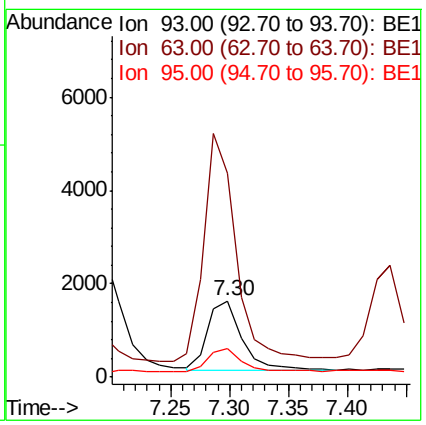


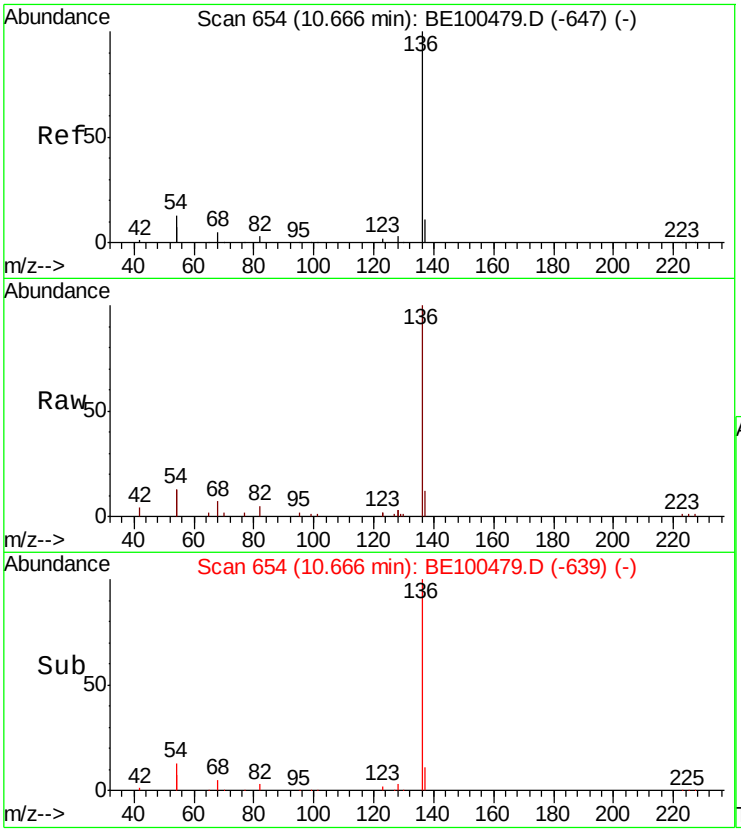


#6
bis(2-Chloroethyl)ether
Concen: 0.390 ng
RT: 7.30 min Scan# 385
Delta R.T. 0.00 min
Lab File: BE100479.D
Acq: 22 Jul 2019 13:49

Tgt Ion: 93 Resp: 3040

Ion	Ratio	Lower	Upper
93	100		
63	310.4	248.3	372.5
95	31.7	25.4	38.0



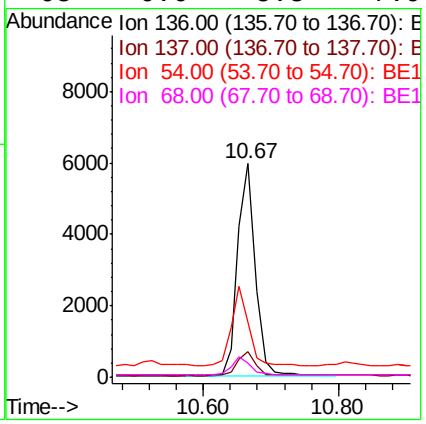


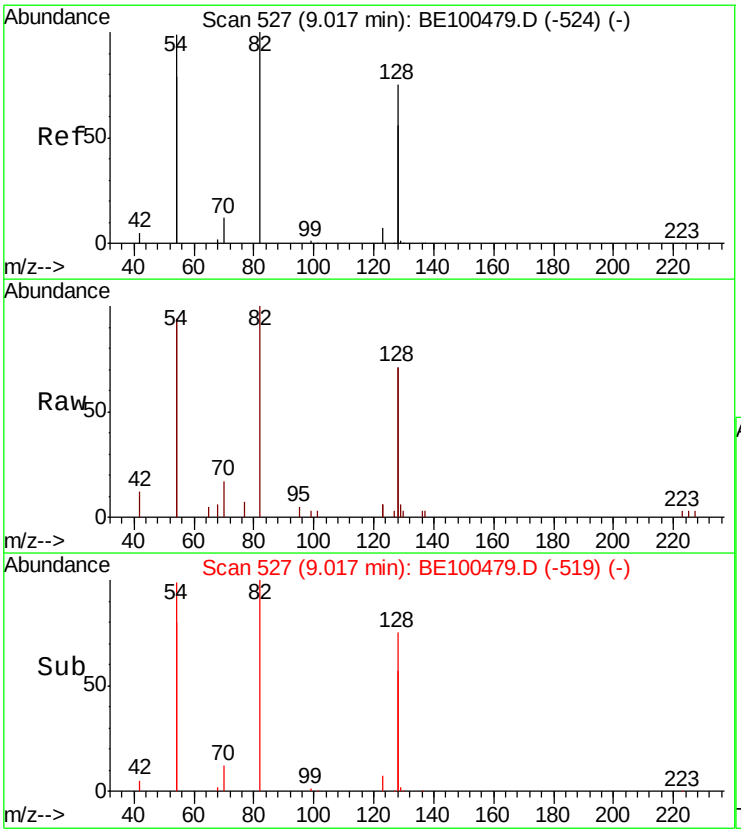
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.67 min Scan# 654
Delta R.T. 0.00 min
Lab File: BE100479.D
Acq: 22 Jul 2019 13:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 10872

Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.8	14.6
54	25.8	20.6	31.0
68	6.6	5.3	7.9

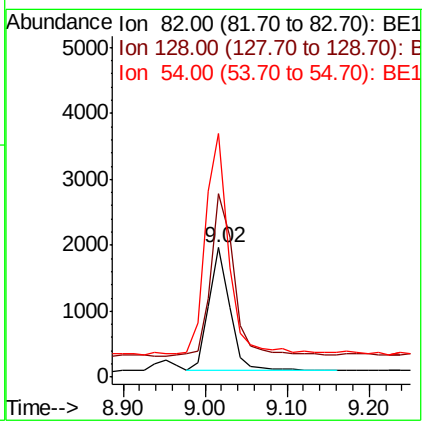


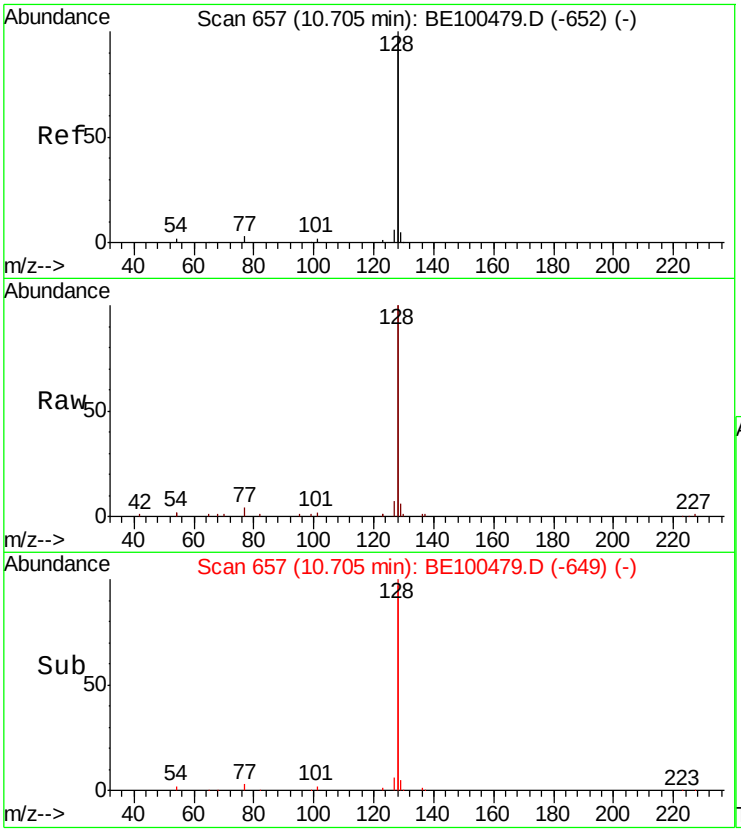


#8
Nitrobenzene-d5
Concen: 0.387 ng
RT: 9.02 min Scan# 527
Delta R.T. 0.00 min
Lab File: BE100479.D
Acq: 22 Jul 2019 13:49

Tgt Ion: 82 Resp: 3398

Ion	Ratio	Lower	Upper
82	100		
128	142.0	113.6	170.4
54	188.3	150.6	226.0



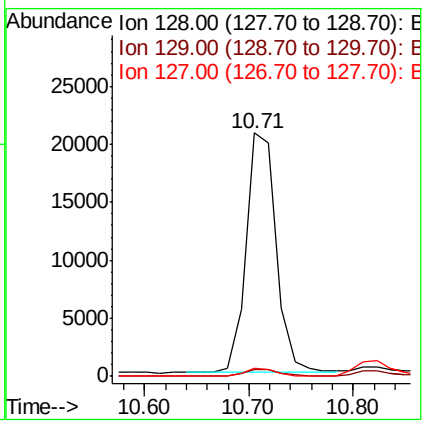


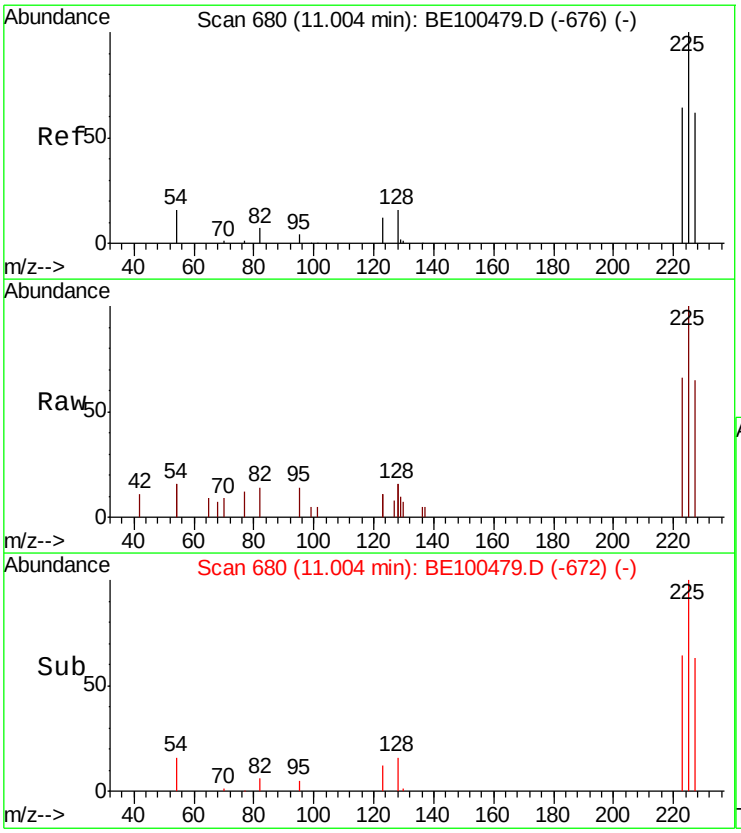
#9
Naphthalene
Concen: 0.401 ng
RT: 10.71 min Scan# 657
Delta R.T. 0.00 min
Lab File: BE100479.D
Acq: 22 Jul 2019 13:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 41755

Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.3	3.5
127	3.4	2.7	4.1

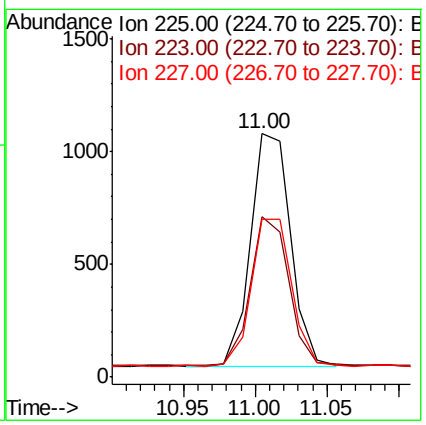


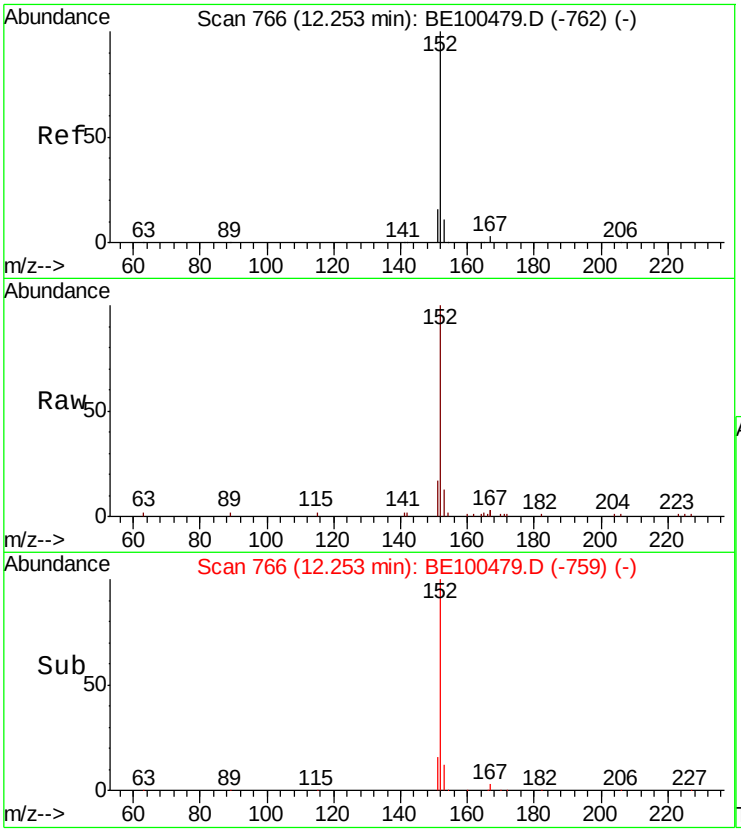


#10
Hexachlorobutadiene
Concen: 0.400 ng
RT: 11.00 min Scan# 680
Delta R.T. 0.00 min
Lab File: BE100479.D
Acq: 22 Jul 2019 13:49

Tgt Ion:225 Resp: 1995

Ion	Ratio	Lower	Upper
225	100		
223	62.0	49.4	74.0
227	64.4	51.4	77.2



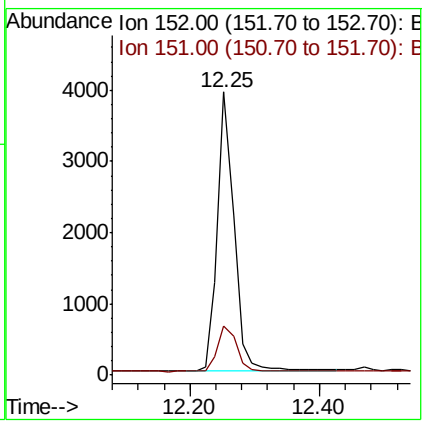


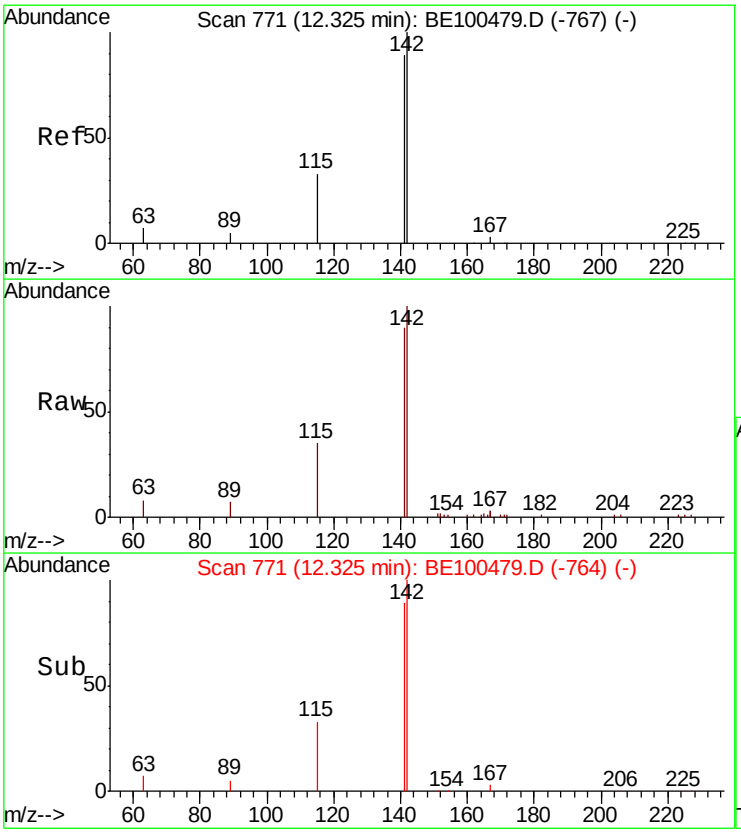
#11
2-Methylnaphthalene-d10
Concen: 0.402 ng
RT: 12.25 min Scan# 766
Delta R.T. 0.00 min
Lab File: BE100479.D
Acq: 22 Jul 2019 13:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 7025

Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.1	22.7

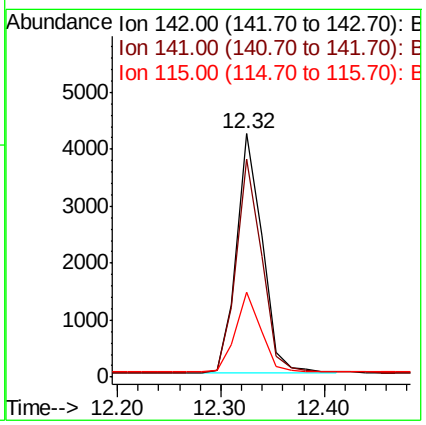


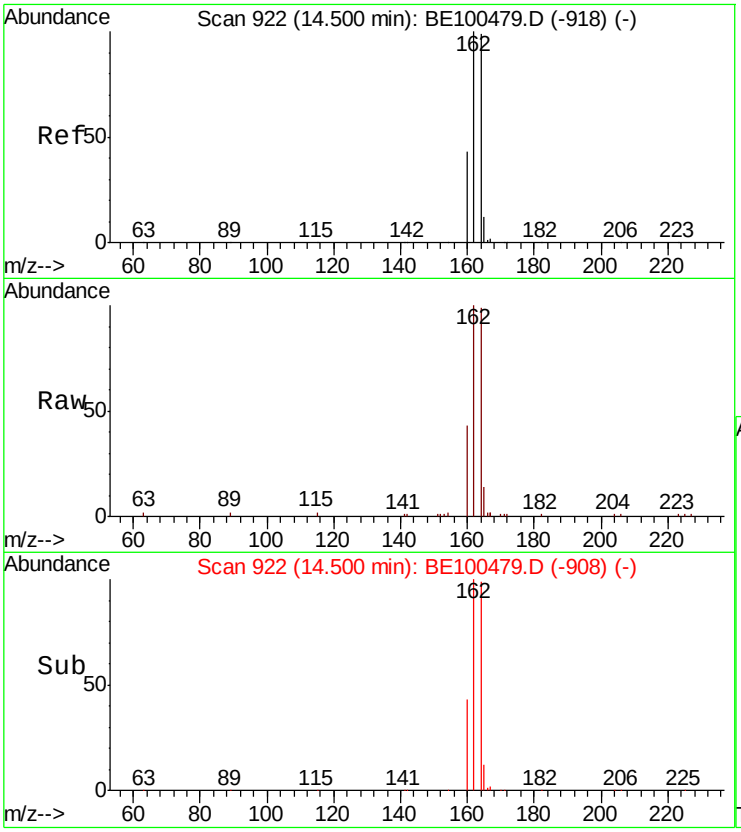


#12
2-Methylnaphthalene
Concen: 0.404 ng
RT: 12.32 min Scan# 771
Delta R.T. 0.00 min
Lab File: BE100479.D
Acq: 22 Jul 2019 13:49

Tgt Ion:142 Resp: 7336

Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.7	107.5
115	34.7	27.8	41.6



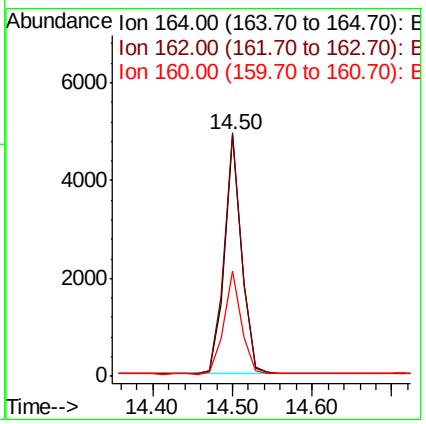


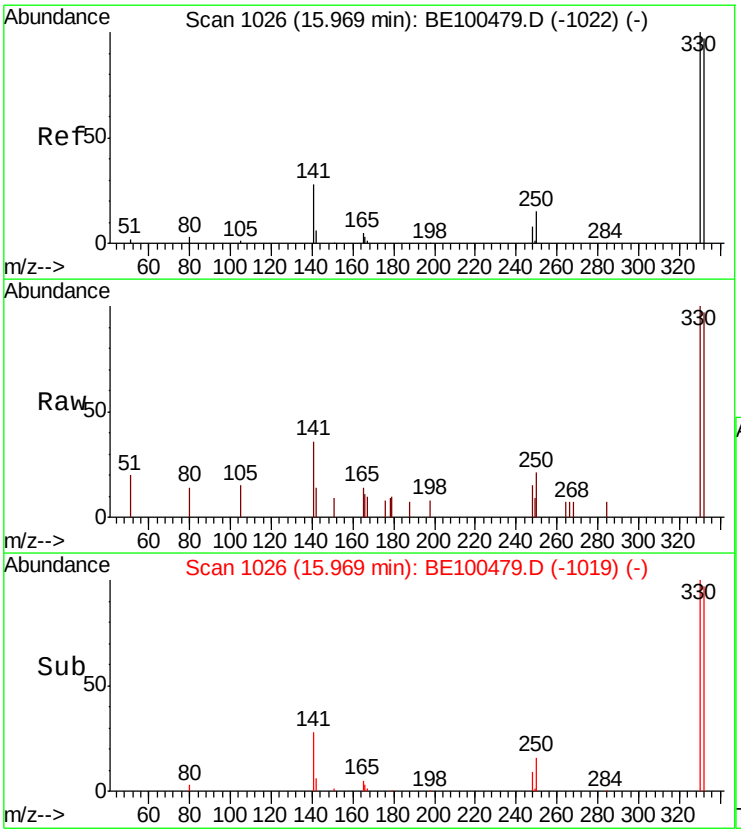
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.50 min Scan# 922
Delta R.T. 0.00 min
Lab File: BE100479.D
Acq: 22 Jul 2019 13:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 7268

Ion	Ratio	Lower	Upper
164	100		
162	101.0	80.8	121.2
160	43.6	34.9	52.3

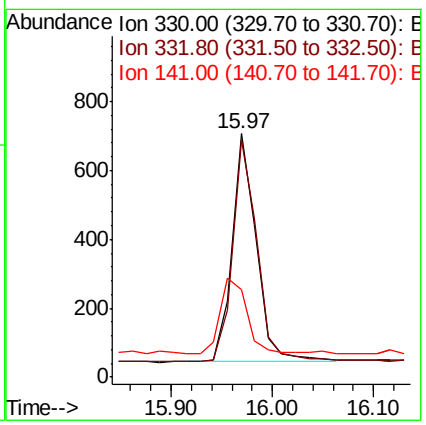


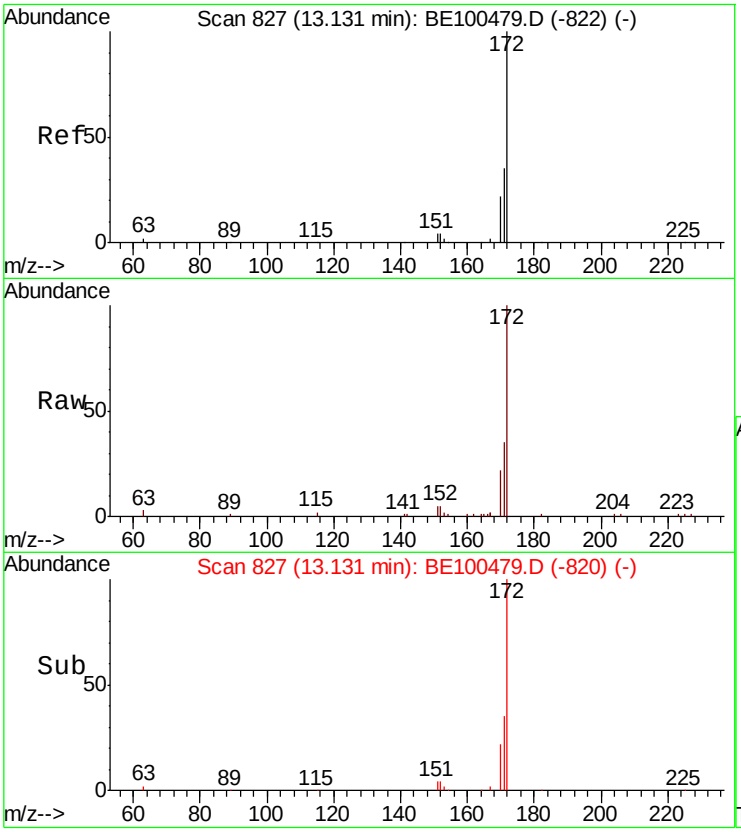


#14
2,4,6-Tribromophenol
Concen: 0.358 ng
RT: 15.97 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BE100479.D
Acq: 22 Jul 2019 13:49

Tgt Ion:330 Resp: 1092

Ion	Ratio	Lower	Upper
330	100		
332	100.6	80.5	120.7
141	37.4	29.9	44.9



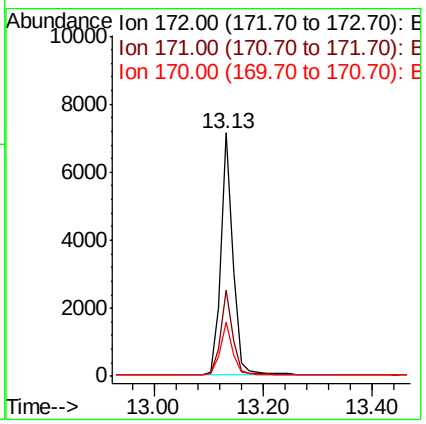


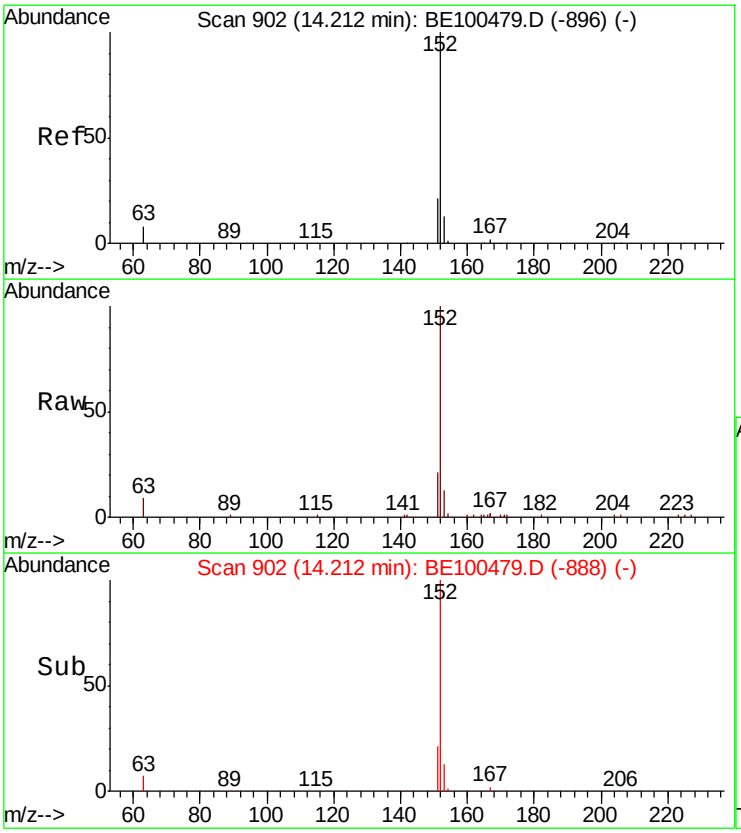
#15
2-Fluorobiphenyl
Concen: 0.371 ng
RT: 13.13 min Scan# 827
Delta R.T. 0.00 min
Lab File: BE100479.D
Acq: 22 Jul 2019 13:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 11096

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.2	42.2
170	22.3	17.8	26.8

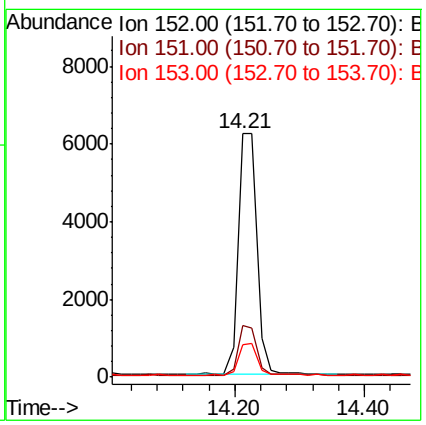


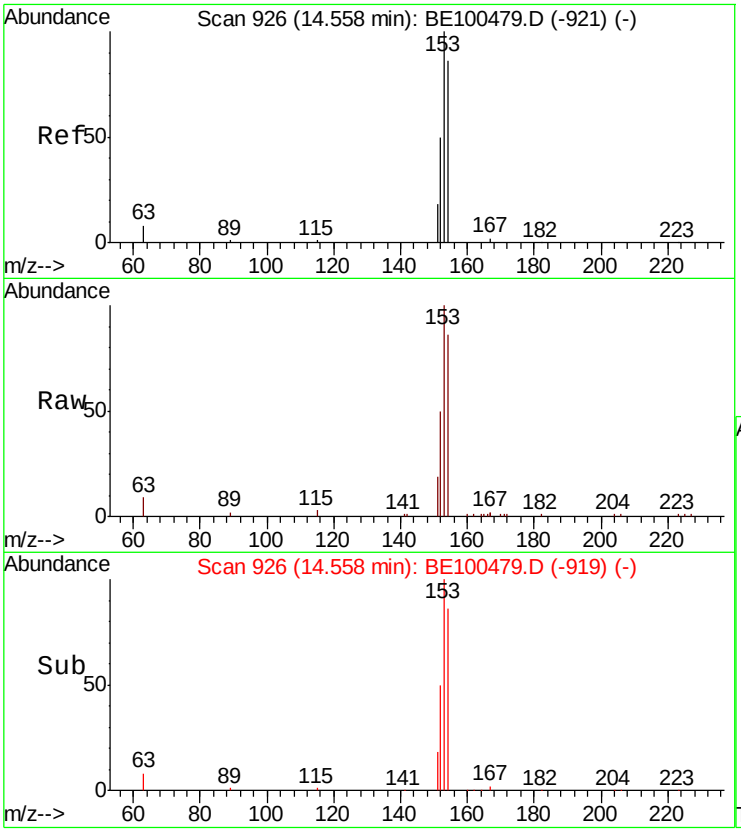


#16
Acenaphthylene
Concen: 0.374 ng
RT: 14.21 min Scan# 902
Delta R.T. 0.00 min
Lab File: BE100479.D
Acq: 22 Jul 2019 13:49

Tgt Ion:152 Resp: 12484

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.1	24.1
153	13.2	10.6	16.0



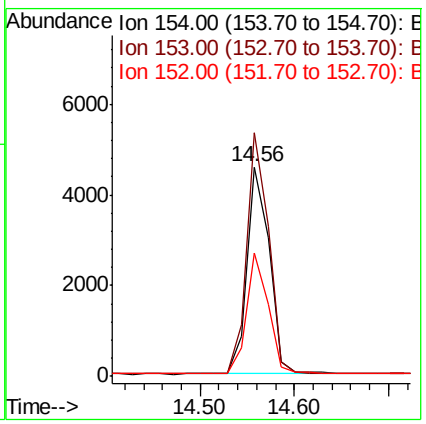


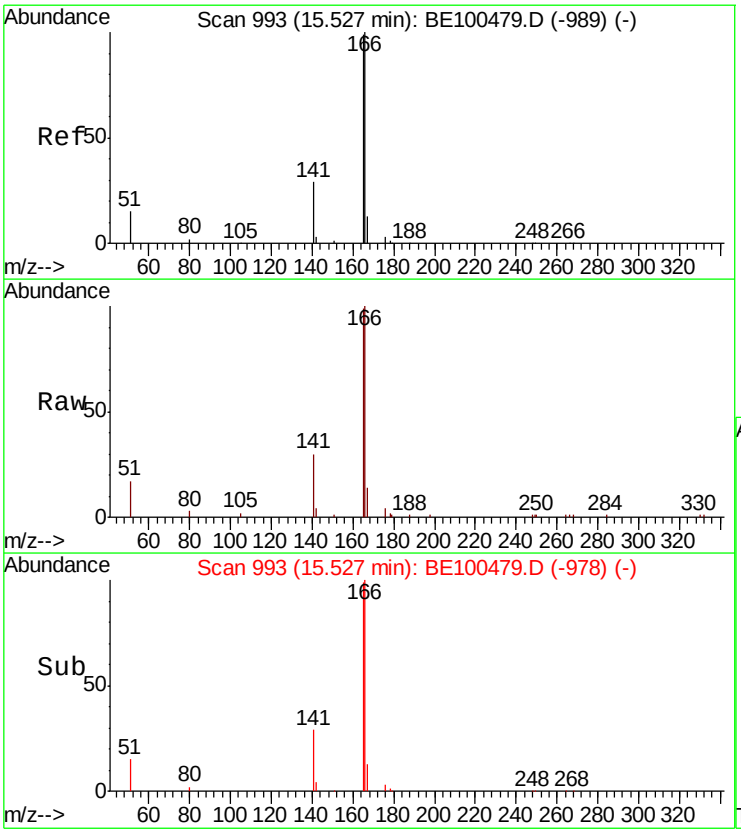
#17
Acenaphthene
Concen: 0.375 ng
RT: 14.56 min Scan# 926
Delta R.T. 0.00 min
Lab File: BE100479.D
Acq: 22 Jul 2019 13:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 7620

Ion	Ratio	Lower	Upper
154	100		
153	113.5	90.8	136.2
152	56.4	45.1	67.7

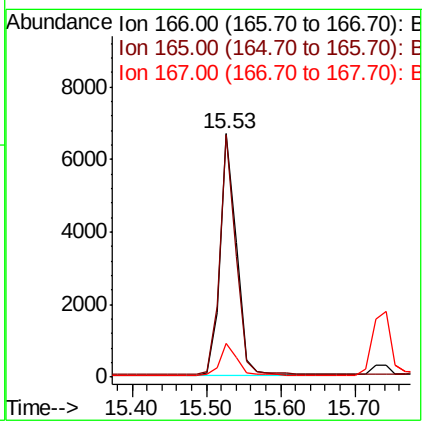


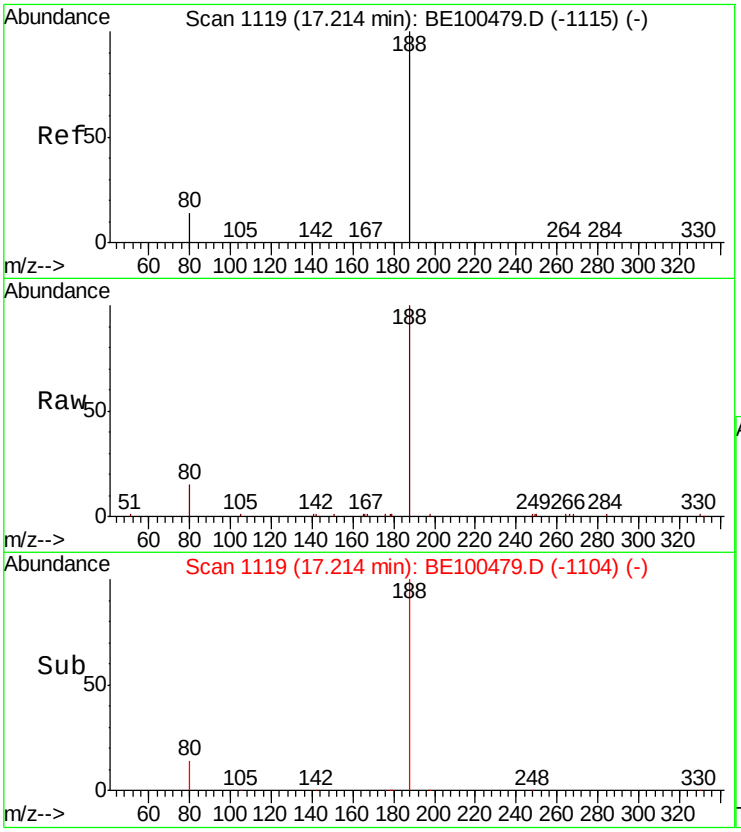


#18
Fluorene
Concen: 0.381 ng
RT: 15.53 min Scan# 993
Delta R.T. 0.00 min
Lab File: BE100479.D
Acq: 22 Jul 2019 13:49

Tgt Ion:166 Resp: 10306

Ion	Ratio	Lower	Upper
166	100		
165	97.9	78.3	117.5
167	13.6	10.9	16.3



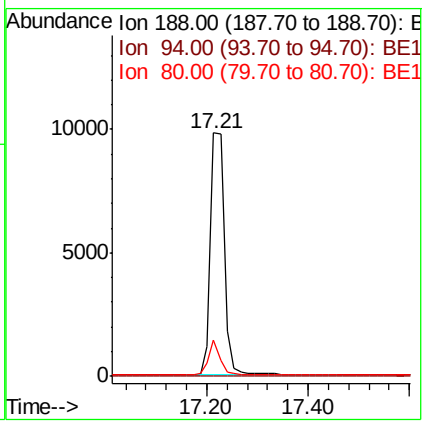


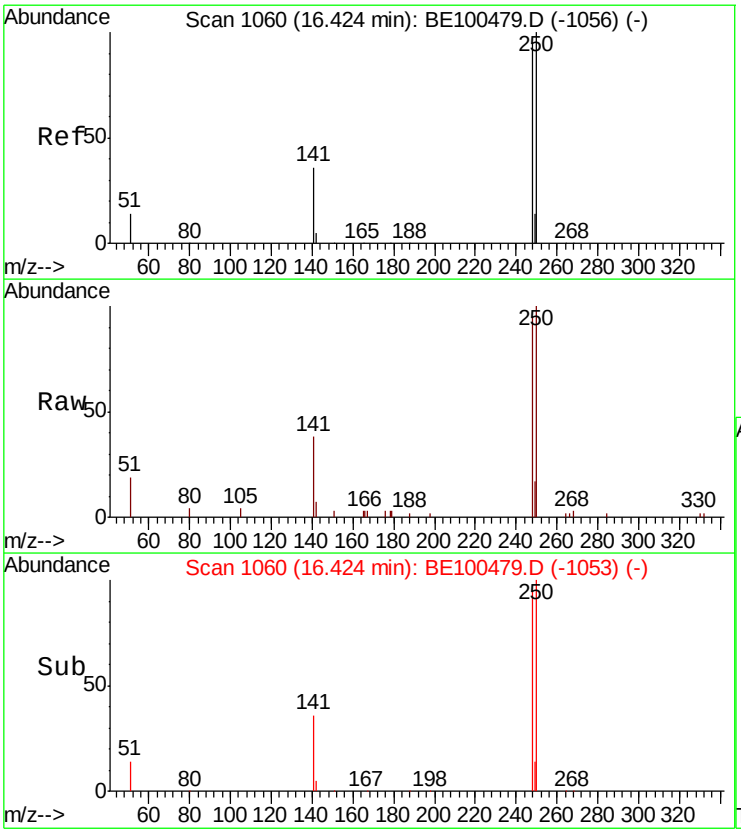
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BE100479.D
Acq: 22 Jul 2019 13:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 18894

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.9	11.9	17.9

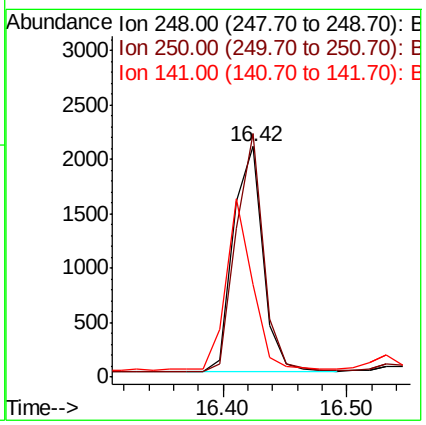


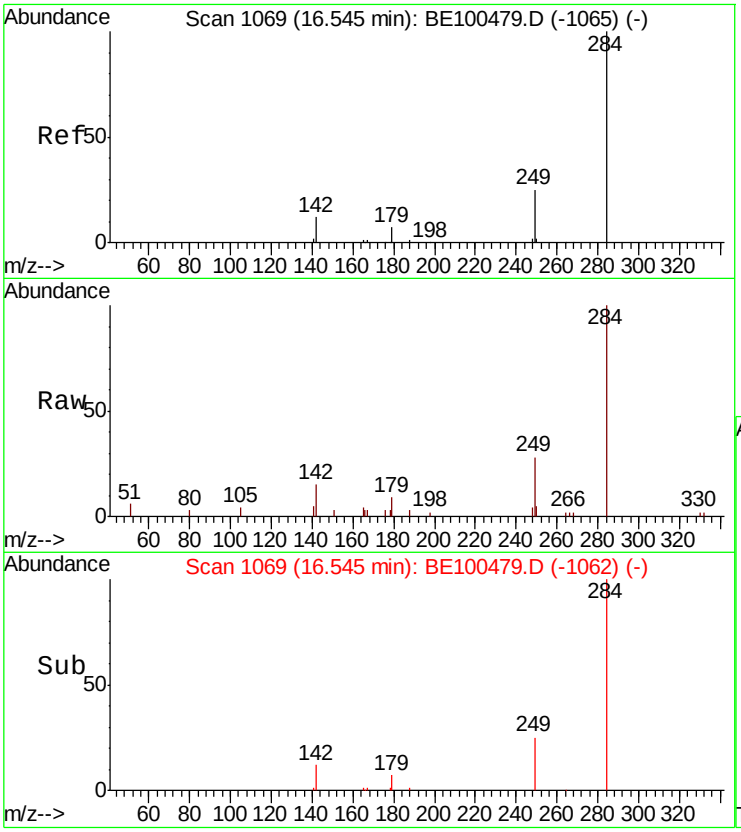


#20
4-Bromophenyl-phenylether
Concen: 0.398 ng
RT: 16.42 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BE100479.D
Acq: 22 Jul 2019 13:49

Tgt Ion:248 Resp: 3469

Ion	Ratio	Lower	Upper
248	100		
250	105.5	84.4	126.6
141	40.2	32.2	48.2



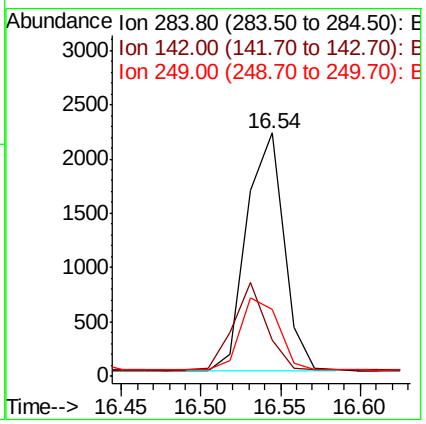


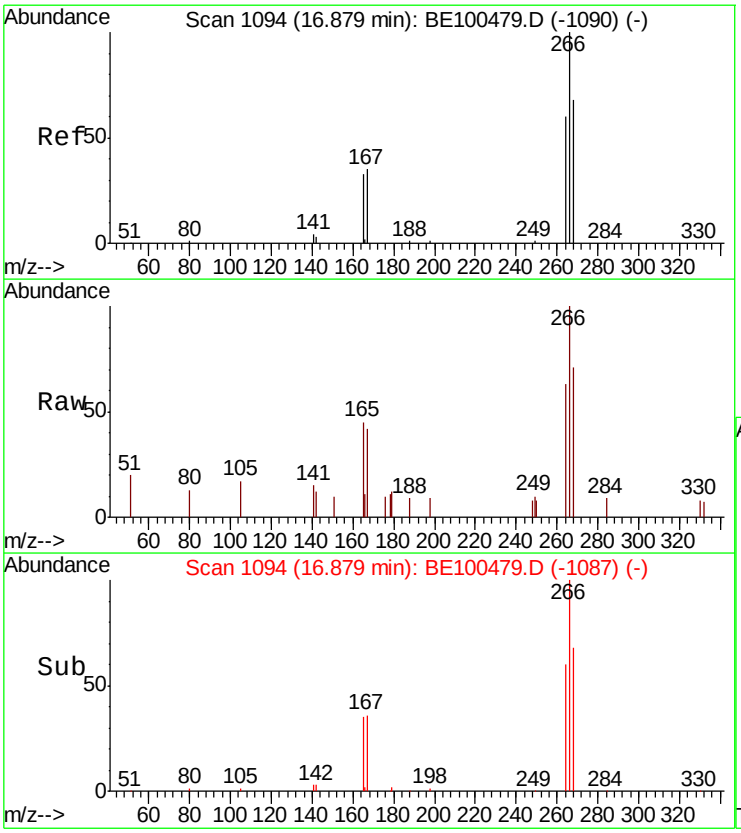
#21
Hexachlorobenzene
Concen: 0.394 ng
RT: 16.54 min Scan# 1069
Delta R.T. 0.00 min
Lab File: BE100479.D
Acq: 22 Jul 2019 13:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 3580

Ion	Ratio	Lower	Upper
284	100		
142	33.4	26.7	40.1
249	31.2	25.0	37.4

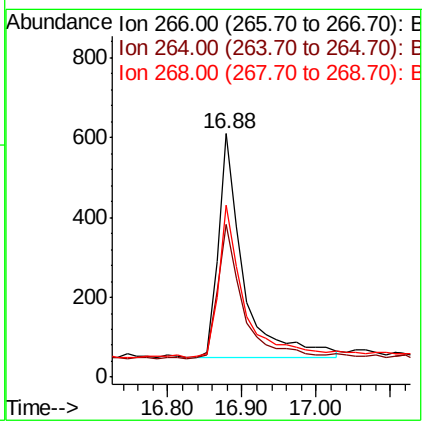


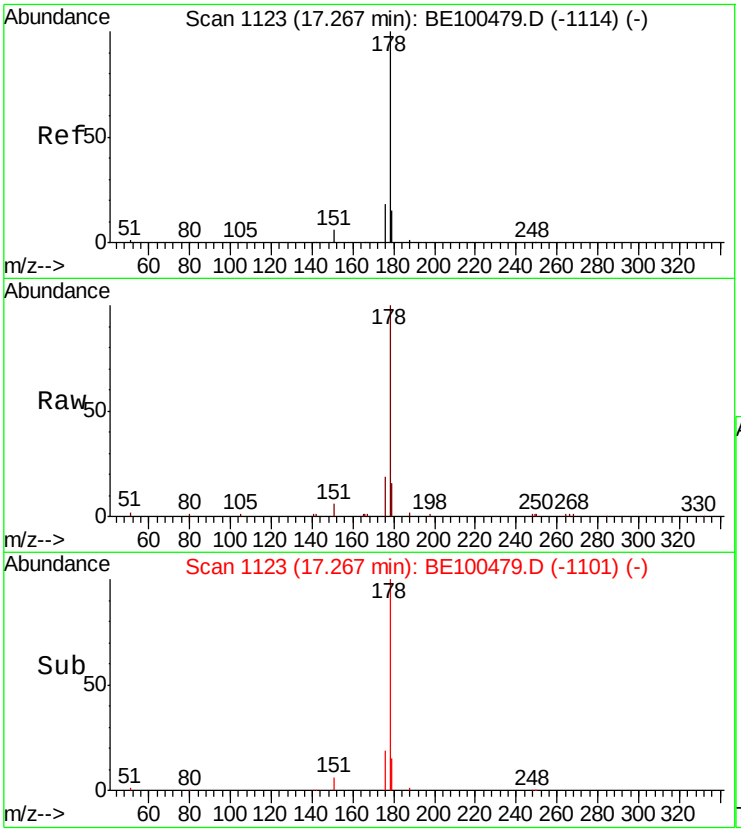


#22
Pentachlorophenol
Concen: 0.360 ng
RT: 16.88 min Scan# 1094
Delta R.T. 0.00 min
Lab File: BE100479.D
Acq: 22 Jul 2019 13:49

Tgt Ion:266 Resp: 1325

Ion	Ratio	Lower	Upper
266	100		
264	63.0	50.4	75.6
268	70.8	56.6	85.0



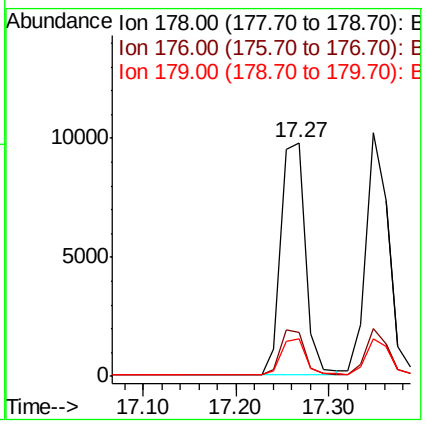


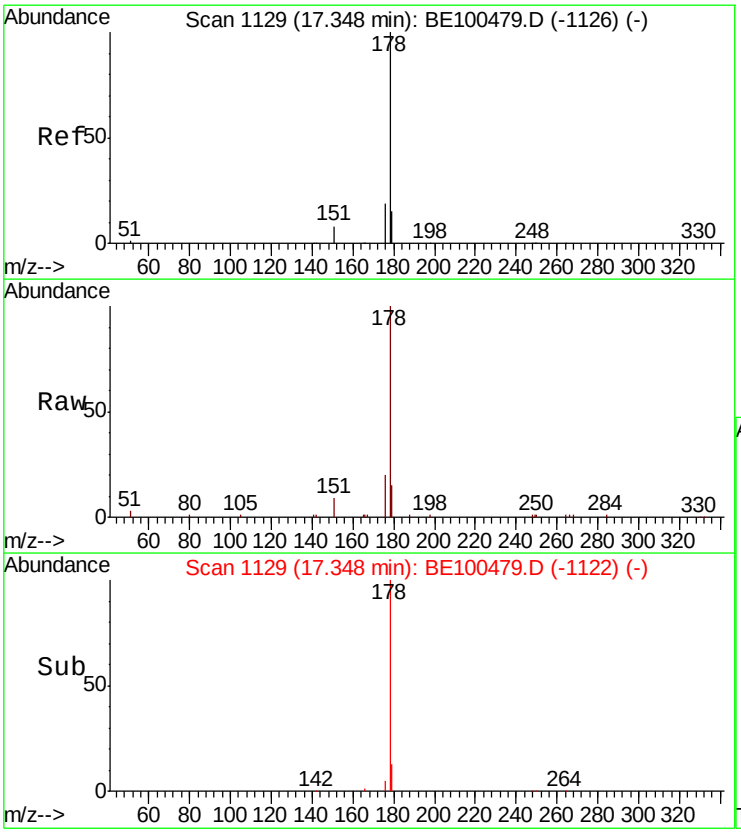
#23
Phenanthrene
Concen: 0.386 ng
RT: 17.27 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BE100479.D
Acq: 22 Jul 2019 13:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 18044

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

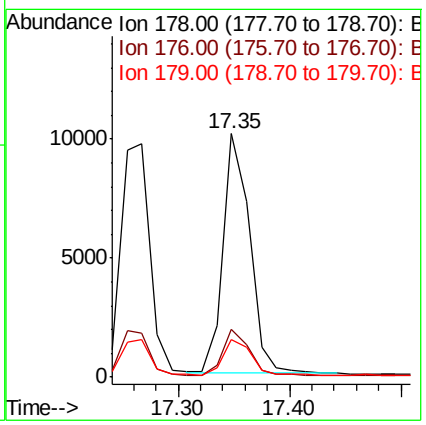


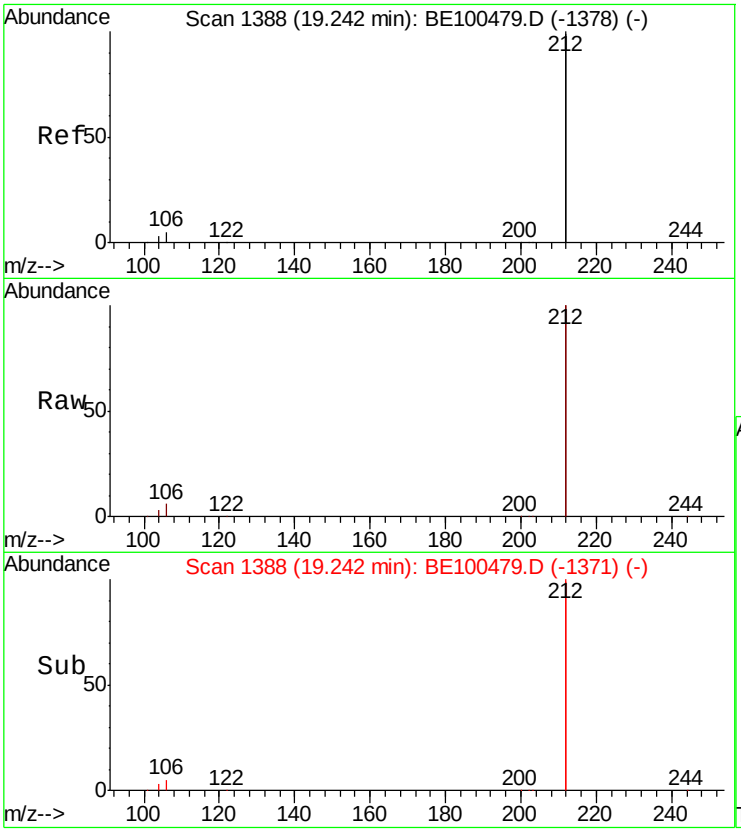


#24
Anthracene
Concen: 0.385 ng
RT: 17.35 min Scan# 1129
Delta R.T. 0.00 min
Lab File: BE100479.D
Acq: 22 Jul 2019 13:49

Tgt Ion:178 Resp: 16834

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.2	12.2	18.2



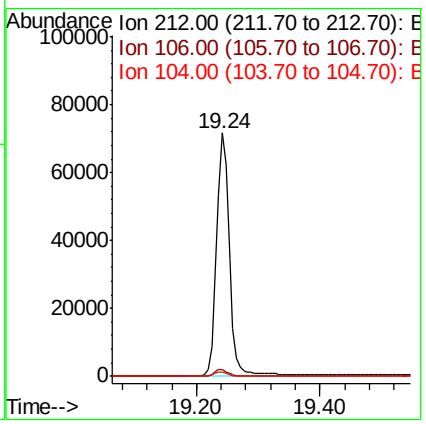


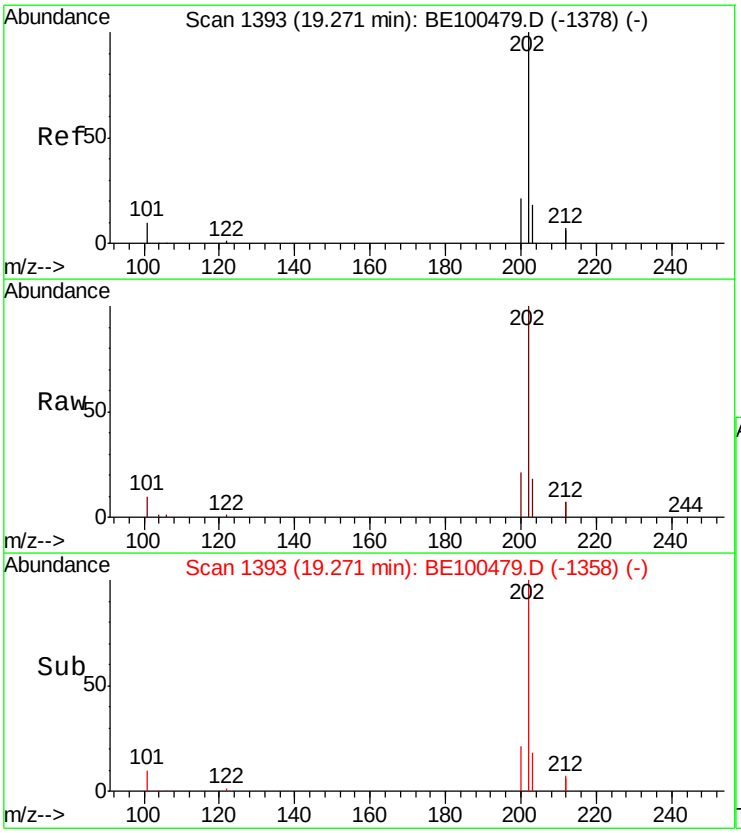
#25
Fluoranthene-d10
Concen: 0.380 ng
RT: 19.24 min Scan# 1388
Delta R.T. 0.00 min
Lab File: BE100479.D
Acq: 22 Jul 2019 13:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 100488

Ion	Ratio	Lower	Upper
212	100		
106	2.8	2.2	3.4
104	1.5	1.2	1.8

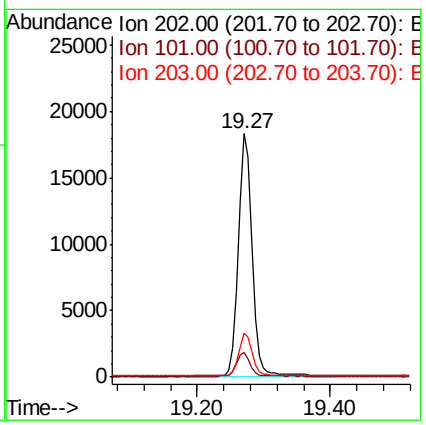


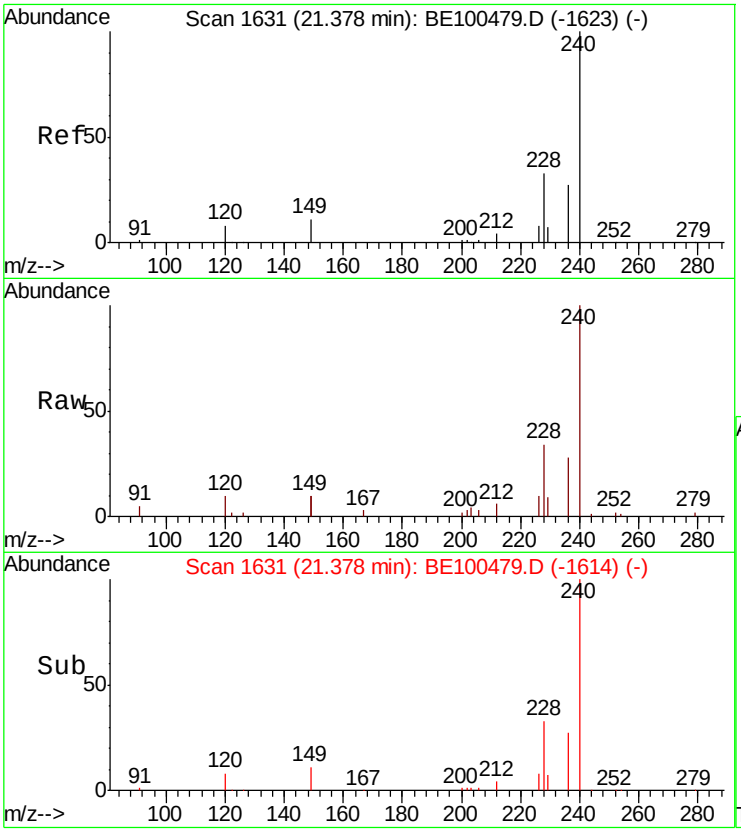


#26
Fluoranthene
Concen: 0.379 ng
RT: 19.27 min Scan# 1393
Delta R.T. 0.00 min
Lab File: BE100479.D
Acq: 22 Jul 2019 13:49

Tgt Ion:202 Resp: 26309

Ion	Ratio	Lower	Upper
202	100		
101	10.0	8.0	12.0
203	16.9	13.5	20.3



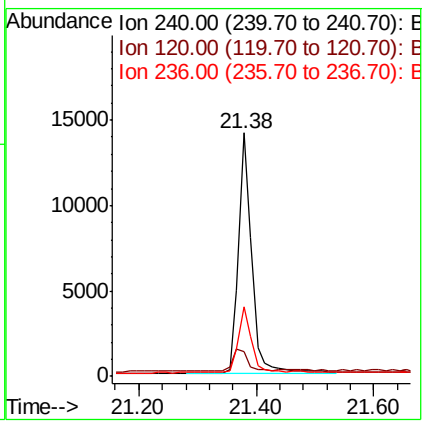


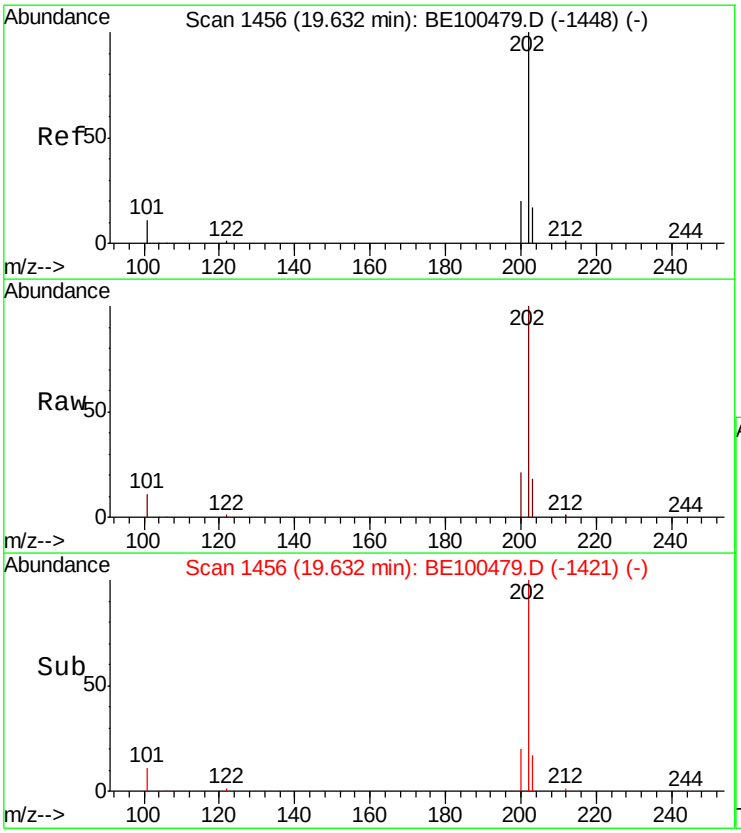
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.38 min Scan# 1631
Delta R.T. 0.00 min
Lab File: BE100479.D
Acq: 22 Jul 2019 13:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 22392

Ion	Ratio	Lower	Upper
240	100		
120	10.2	8.2	12.2
236	28.3	22.6	34.0

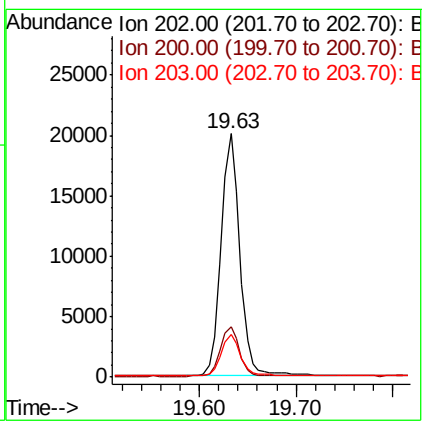


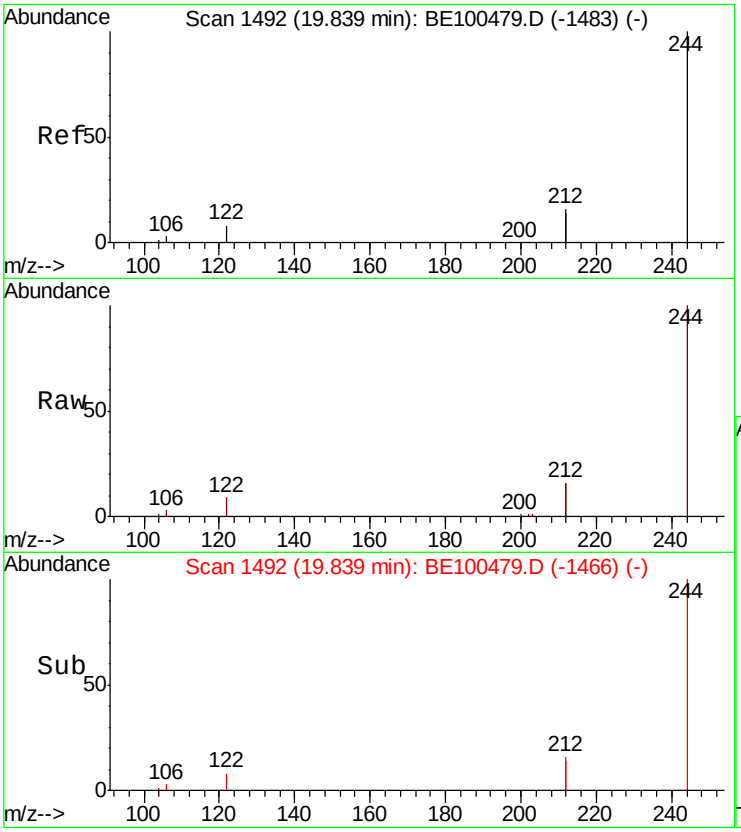


#28
Pyrene
Concen: 0.416 ng
RT: 19.63 min Scan# 1456
Delta R.T. 0.00 min
Lab File: BE100479.D
Acq: 22 Jul 2019 13:49

Tgt Ion:202 Resp: 27369

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	24.8
203	17.6	14.1	21.1



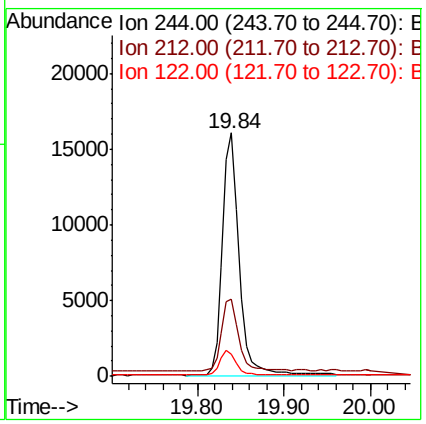


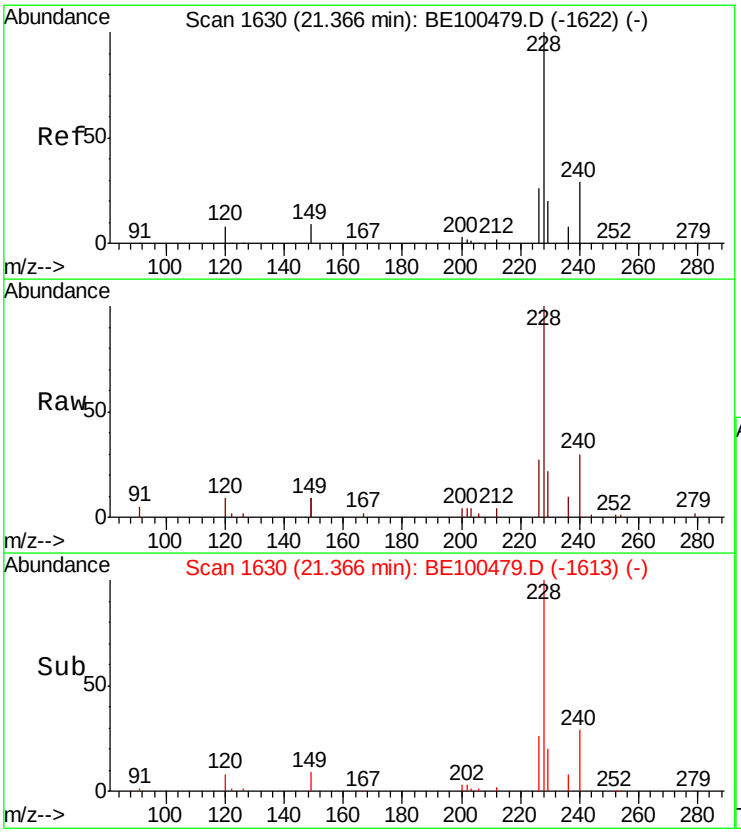
#29
Terphenyl-d14
Concen: 0.417 ng
RT: 19.84 min Scan# 1492
Delta R.T. 0.00 min
Lab File: BE100479.D
Acq: 22 Jul 2019 13:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 21508

Ion	Ratio	Lower	Upper
244	100		
212	32.0	25.6	38.4
122	9.0	7.2	10.8

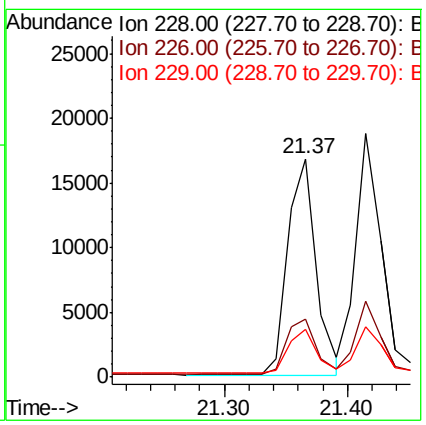


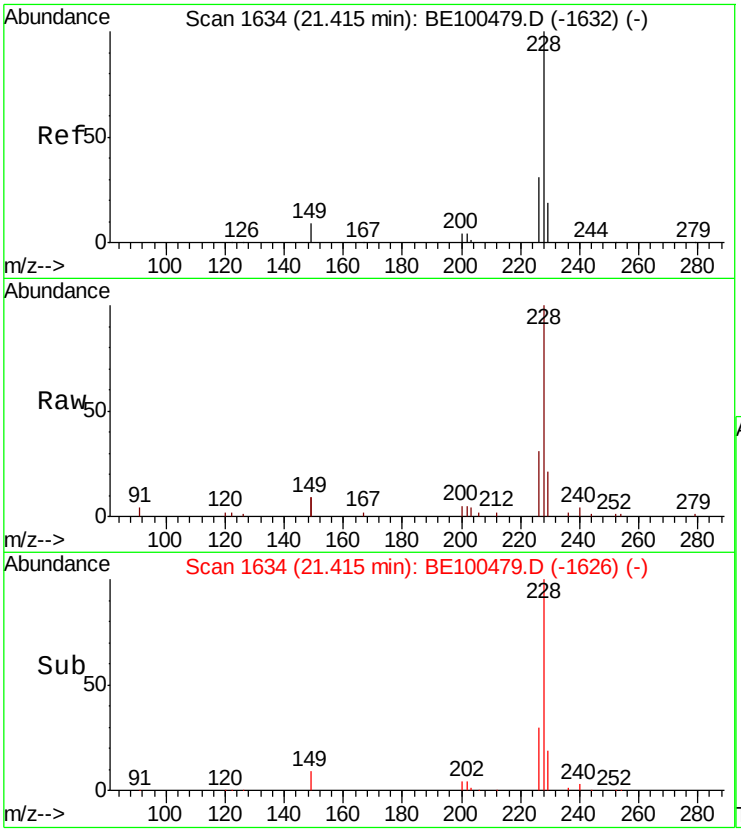


#30
Benzo(a)anthracene
Concen: 0.393 ng
RT: 21.37 min Scan# 1630
Delta R.T. 0.00 min
Lab File: BE100479.D
Acq: 22 Jul 2019 13:49

Tgt Ion:228 Resp: 26847

Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.4	32.2
229	21.6	17.3	25.9



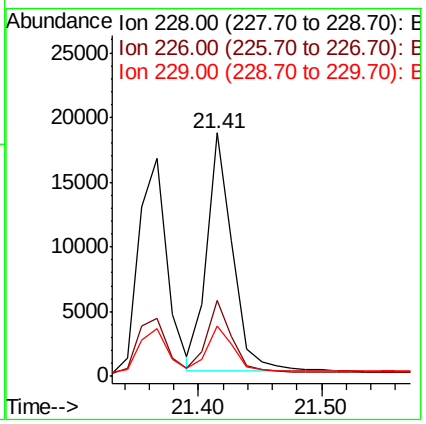


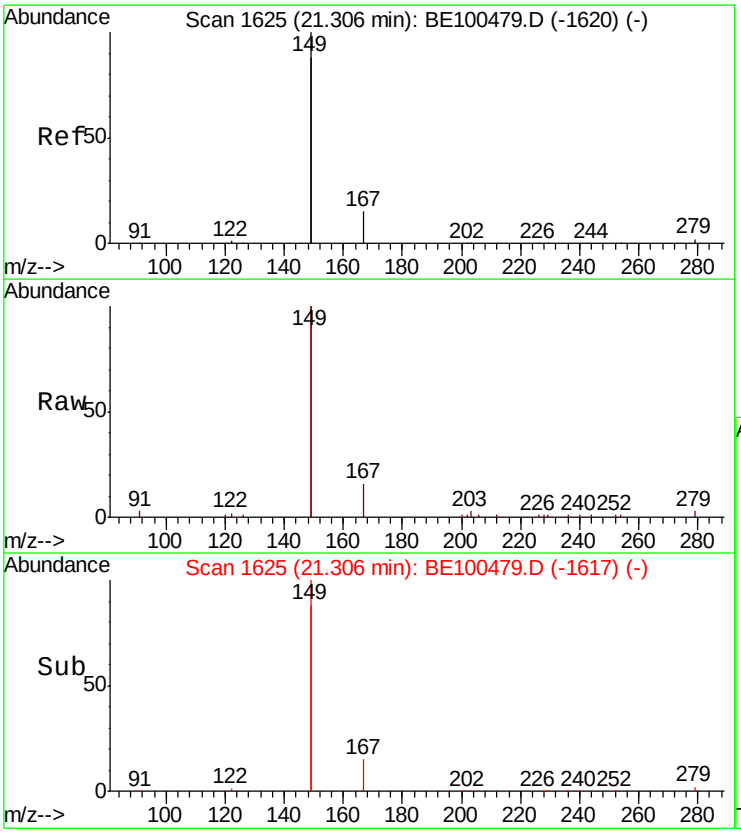
#31
Chrysene
Concen: 0.390 ng
RT: 21.41 min Scan# 1634
Delta R.T. 0.00 min
Lab File: BE100479.D
Acq: 22 Jul 2019 13:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 26566

Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.0	37.6
229	20.9	16.7	25.1

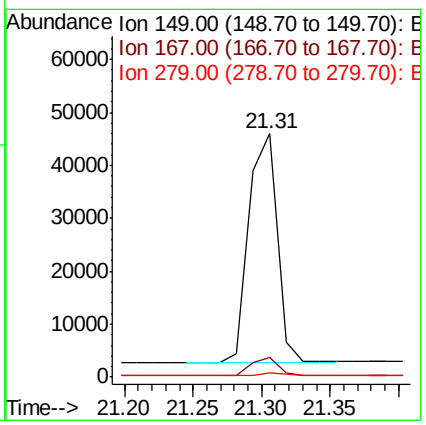


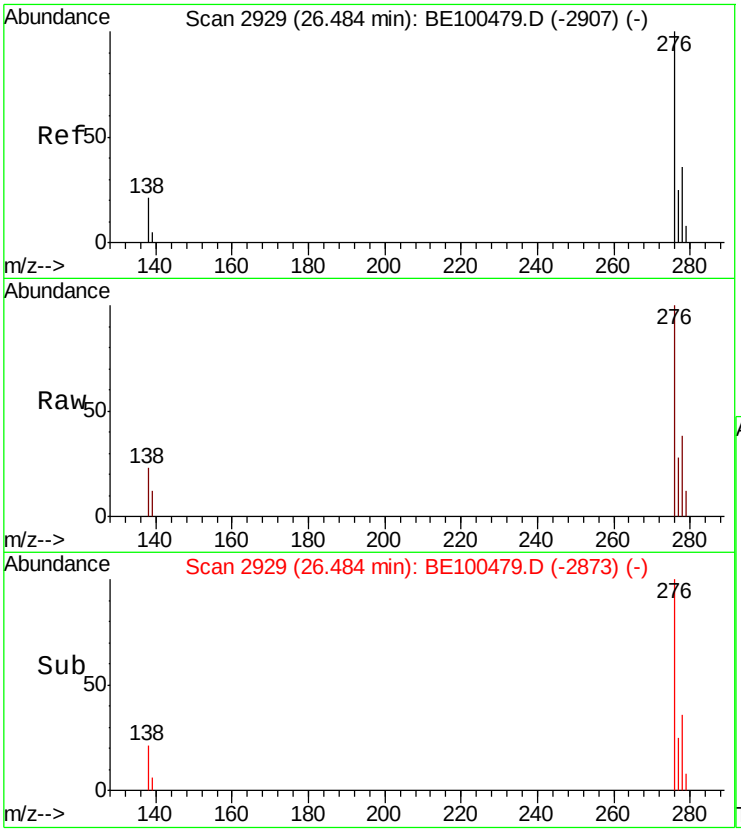


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.414 ng
RT: 21.31 min Scan# 1625
Delta R.T. 0.00 min
Lab File: BE100479.D
Acq: 22 Jul 2019 13:49

Tgt Ion:149 Resp: 62762

Ion	Ratio	Lower	Upper
149	100		
167	7.4	5.9	8.9
279	1.3	1.0	1.6



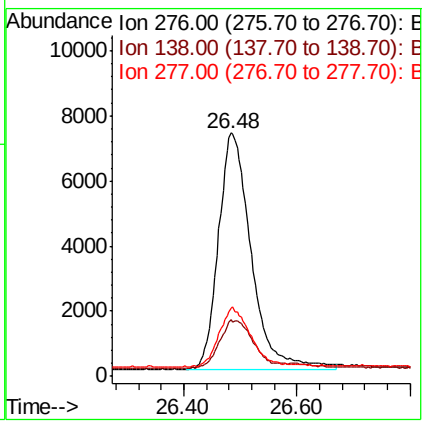


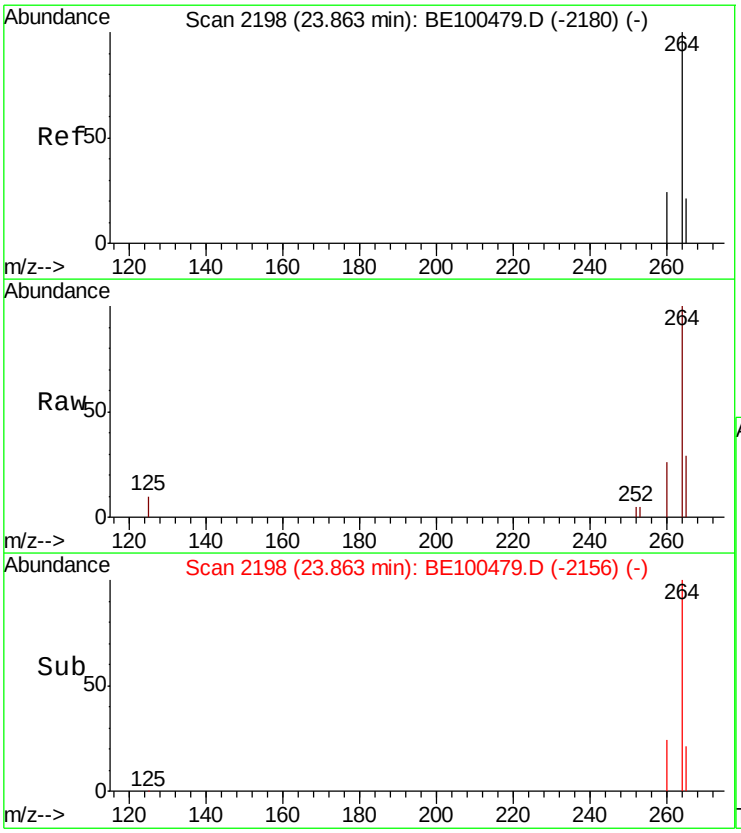
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.396 ng
RT: 26.48 min Scan# 2929
Delta R.T. 0.00 min
Lab File: BE100479.D
Acq: 22 Jul 2019 13:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 29174

Ion	Ratio	Lower	Upper
276	100		
138	20.8	16.6	25.0
277	23.9	19.1	28.7

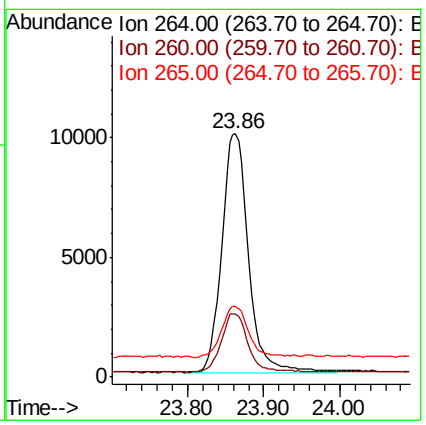


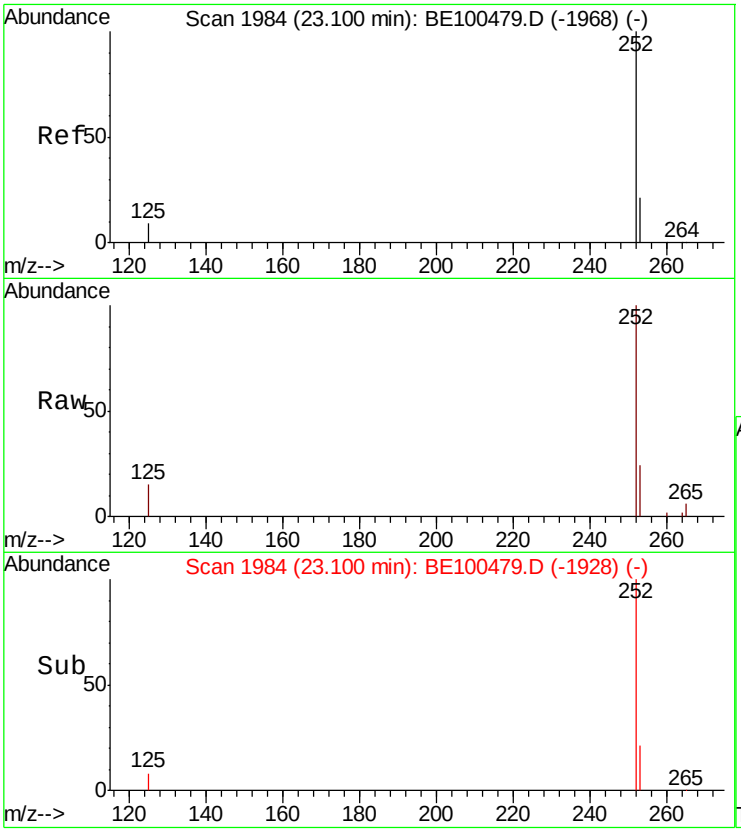


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.86 min Scan# 2198
Delta R.T. 0.00 min
Lab File: BE100479.D
Acq: 22 Jul 2019 13:49

Tgt Ion:264 Resp: 24143

Ion	Ratio	Lower	Upper
264	100		
260	25.9	20.7	31.1
265	29.3	23.4	35.2



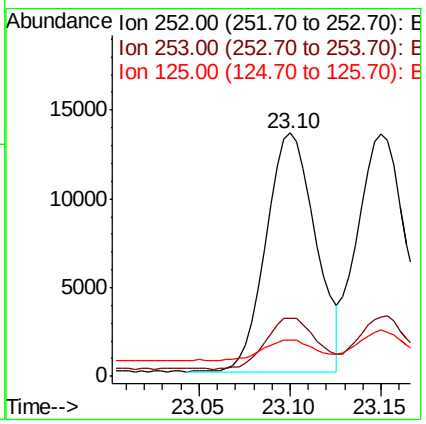


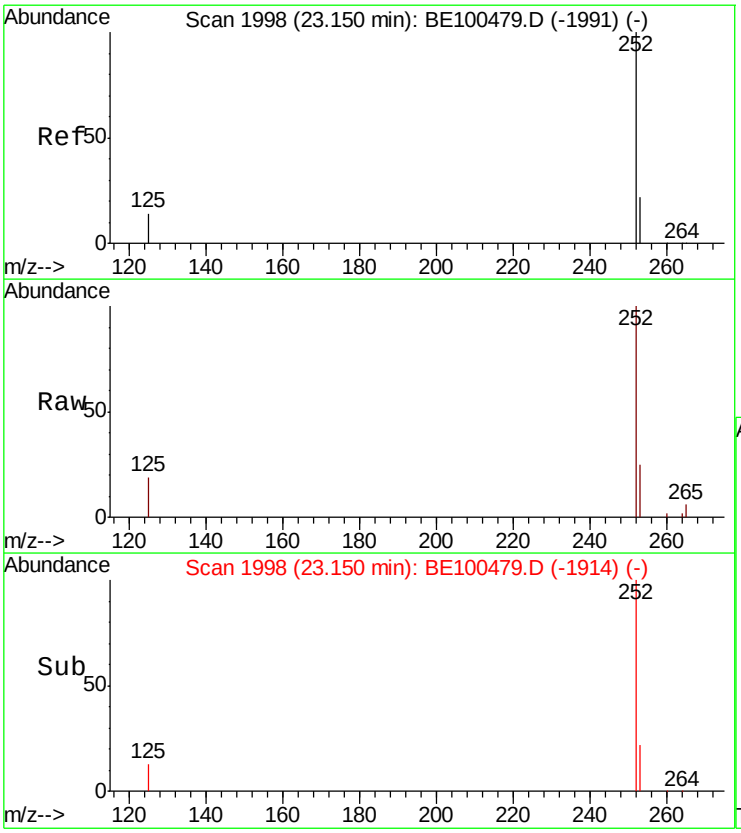
#35
Benzo(b)fluoranthene
Concen: 0.381 ng
RT: 23.10 min Scan# 1984
Delta R.T. 0.00 min
Lab File: BE100479.D
Acq: 22 Jul 2019 13:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 25402

Ion	Ratio	Lower	Upper
252	100		
253	24.0	19.2	28.8
125	14.9	11.9	17.9

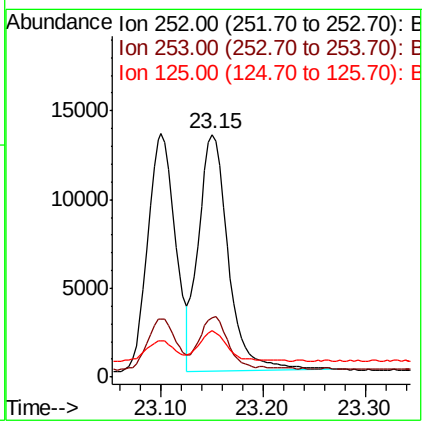


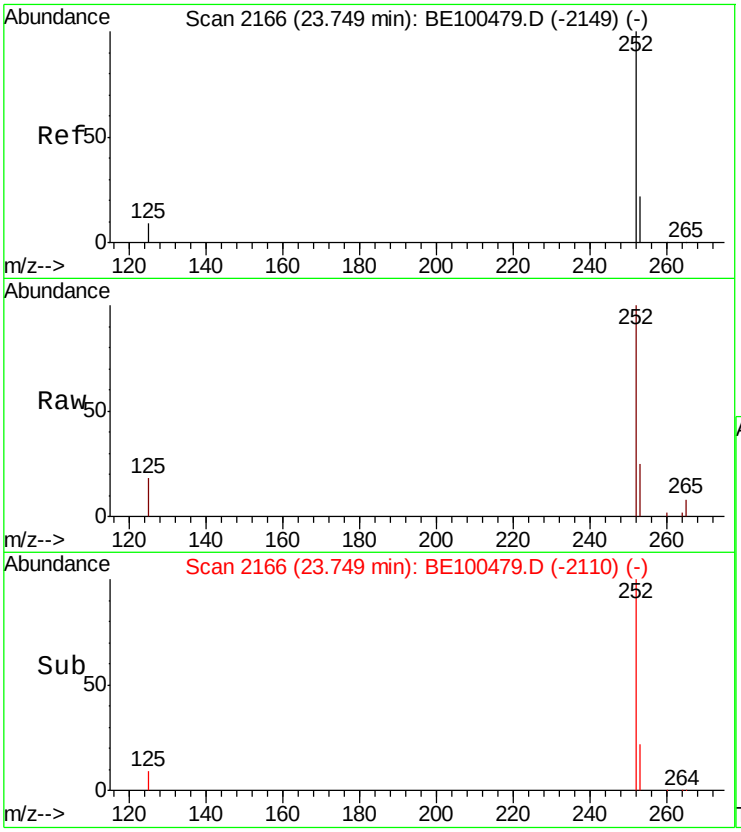


#36
Benzo(k)fluoranthene
Concen: 0.380 ng
RT: 23.15 min Scan# 1998
Delta R.T. 0.00 min
Lab File: BE100479.D
Acq: 22 Jul 2019 13:49

Tgt Ion:252 Resp: 26912

Ion	Ratio	Lower	Upper
252	100		
253	24.6	19.7	29.5
125	19.0	15.2	22.8



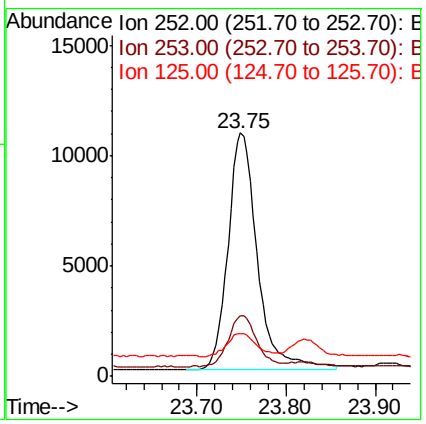


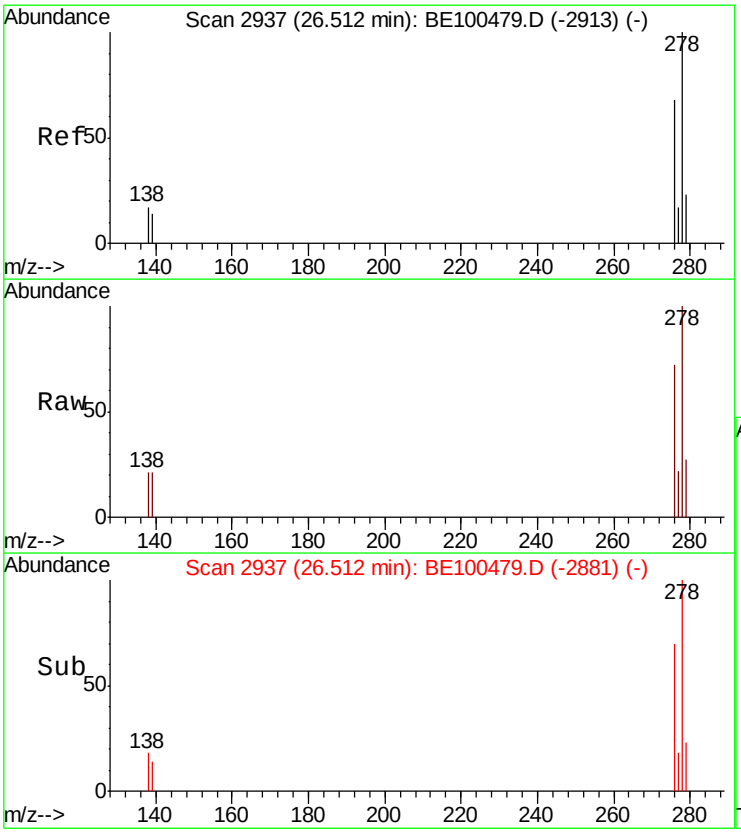
#37
Benzo(a)pyrene
Concen: 0.385 ng
RT: 23.75 min Scan# 2166
Delta R.T. 0.00 min
Lab File: BE100479.D
Acq: 22 Jul 2019 13:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 24757

Ion	Ratio	Lower	Upper
252	100		
253	25.0	20.0	30.0
125	17.6	14.1	21.1

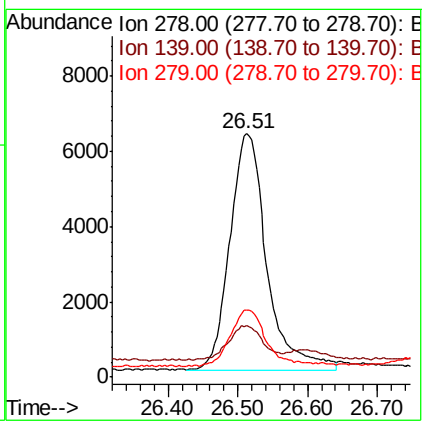


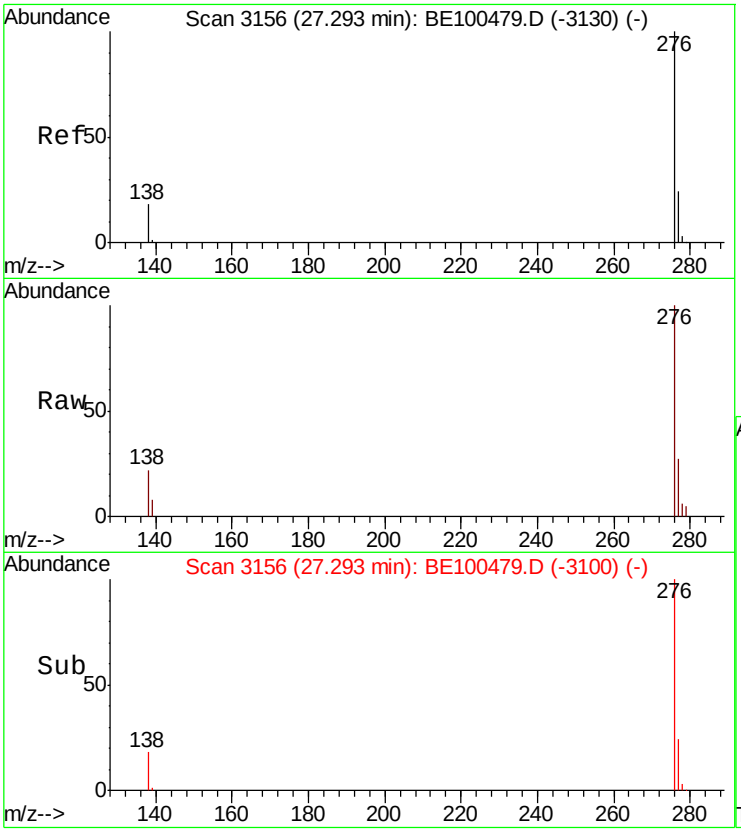


#38
Dibenzo(a,h)anthracene
Concen: 0.380 ng
RT: 26.51 min Scan# 2937
Delta R.T. 0.00 min
Lab File: BE100479.D
Acq: 22 Jul 2019 13:49

Tgt Ion:278 Resp: 23044

Ion	Ratio	Lower	Upper
278	100		
139	21.0	16.8	25.2
279	27.3	21.8	32.8





#39
Benzo(g,h,i)perylene
Concen: 0.384 ng
RT: 27.29 min Scan# 3156
Delta R.T. 0.00 min
Lab File: BE100479.D
Acq: 22 Jul 2019 13:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 23997

Ion	Ratio	Lower	Upper
276	100		
277	27.5	22.0	33.0
138	21.6	17.3	25.9