Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092519\
Data File : BE100556.D
Acq On : 25 Sep 2019 14:50
Operator : JU
Sample : K4995-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Sep 26 00:40:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE092019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 20 18:26:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	8280	0.40	ng		0.00
7) Naphthalene-d8	10.64	136	35926	0.40	ng		-0.01
13) Acenaphthene-d10	14.49	164	19912	0.40	ng		0.00
19) Phenanthrene-d10	17.20	188	45726	0.40	ng		0.00
27) Chrysene-d12	21.37	240	59681	0.40	ng		0.00
34) Perylene-d12	23.83	264	66371	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.43	112	6383	0.33	ng		0.00
5) Phenol-d6	7.01	99	8608	0.32	ng		-0.01
8) Nitrobenzene-d5	9.00	82	6127	0.30	ng		0.00
11) 2-Methylnaphthalene-d10	12.24	152	14155	0.26	ng		0.00
14) 2,4,6-Tribromophenol	15.96	330	1506	0.47	ng		0.00
15) 2-Fluorobiphenyl	13.12	172	17413	0.24	ng		0.00
25) Fluoranthene-d10	19.22	212	153713	0.28	ng		0.00
29) Terphenyl-d14	19.82	244	36231	0.26	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.69	128	35809	0.096	ng		99
12) 2-Methylnaphthalene	12.31	142	4117	0.069	ng		99
16) Acenaphthylene	14.20	152	24557	0.300	ng		100
17) Acenaphthene	14.54	154	4053	0.073	ng		97
18) Fluorene	15.51	166	7773	0.112	ng	#	87
22) Pentachlorophenol	16.87	266	103	0.196	ng	#	85
23) Phenanthrene	17.24	178	224413	1.761	ng		100
24) Anthracene	17.33	178	34436	0.321	ng		97
26) Fluoranthene	19.25	202	577686	3.760	ng		99
28) Pyrene	19.62	202	774738	4.512	ng	#	95
30) Benzo(a)anthracene	21.34	228	463649	2.909	ng		97
31) Chrysene	21.40	228	470848	2.592	ng		98
32) Bis(2-ethylhexyl)phthalate	21.28	149	652960	3.801	ng		100
33) Indeno(1,2,3-cd)pyrene	26.45	276	248368	1.230	ng		97
35) Benzo(b)fluoranthene	23.08	252	535850	2.984	ng		99
36) Benzo(k)fluoranthene	23.08	252	535850	2.579	ng		99
37) Benzo(a)pyrene	23.72	252	403462	2.408	ng		99
38) Dibenzo(a,h)anthracene	26.46	278	75124	0.430	ng		92
39) Benzo(g,h,i)perylene	27.25	276	273873	1.503	ng		98

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

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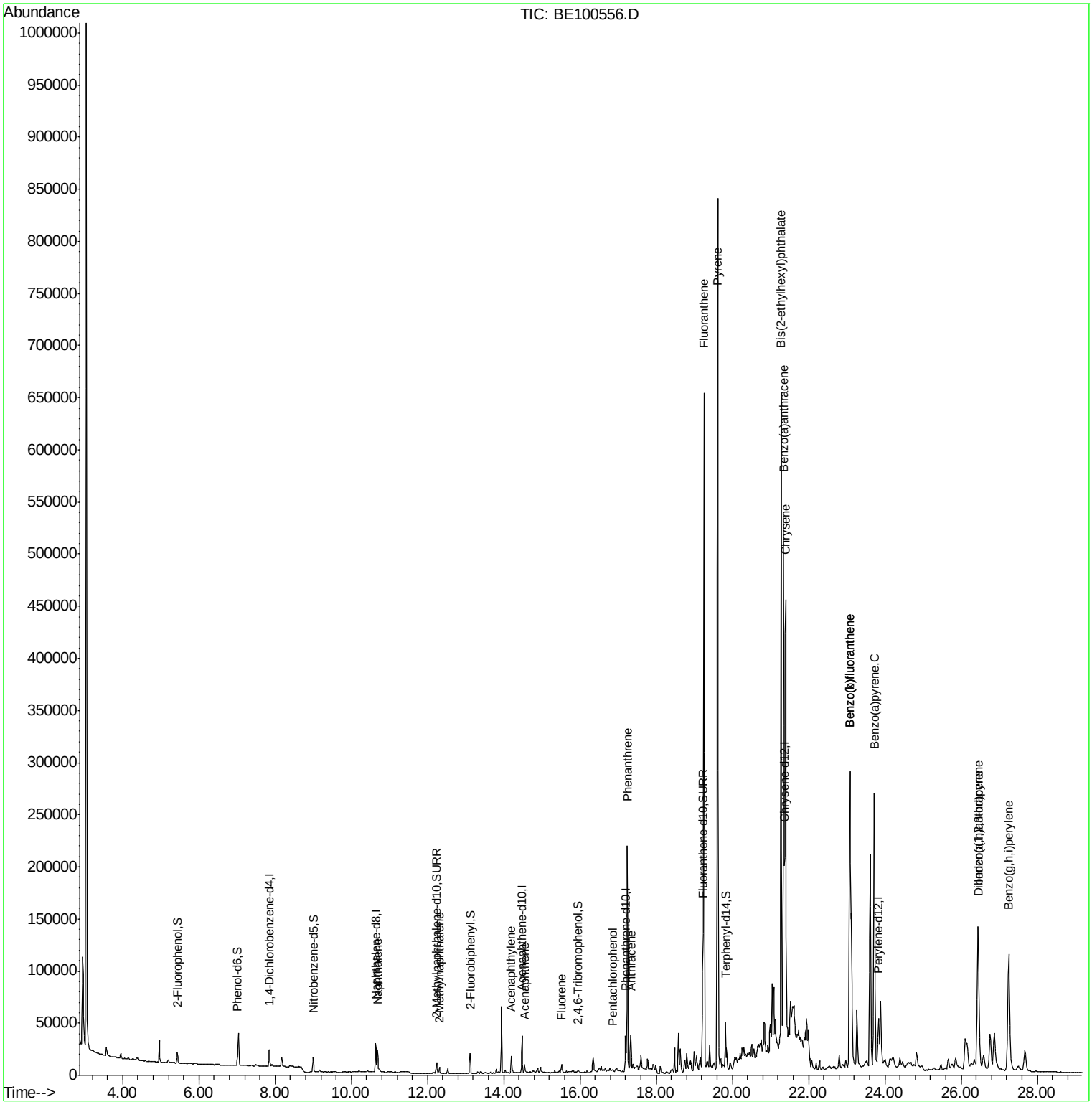
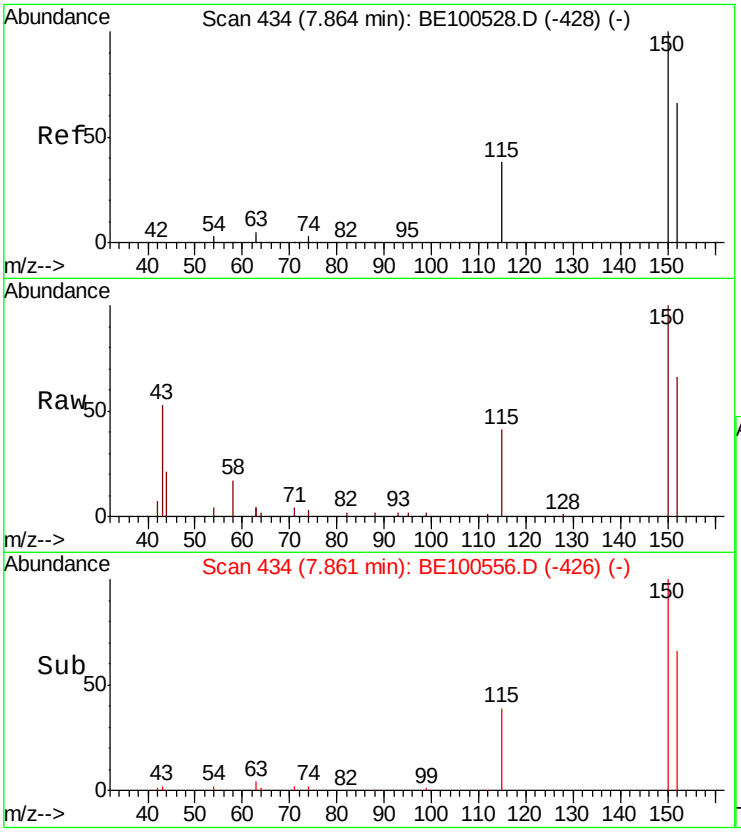


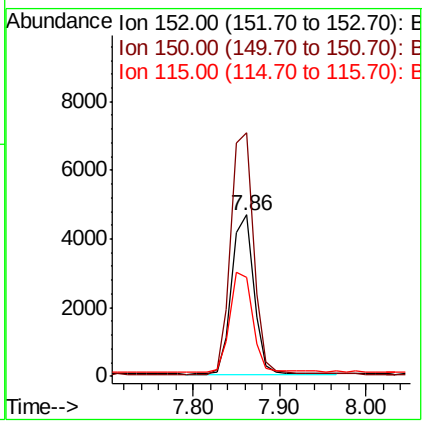


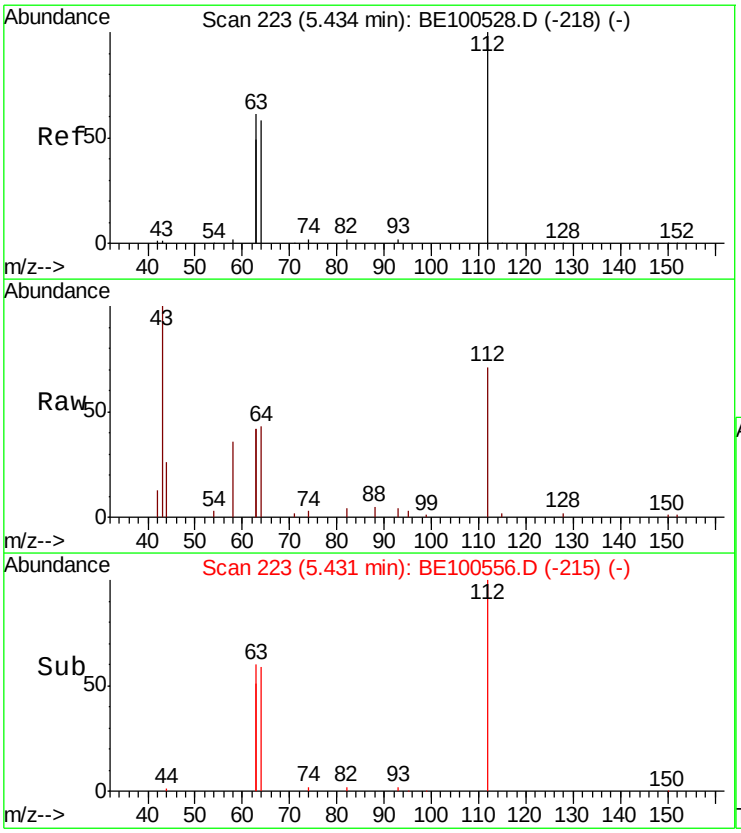
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE100556.D
Acq: 25 Sep 2019 14:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 8280

Ion	Ratio	Lower	Upper
152	100		
150	151.1	121.6	182.4
115	61.5	48.2	72.4

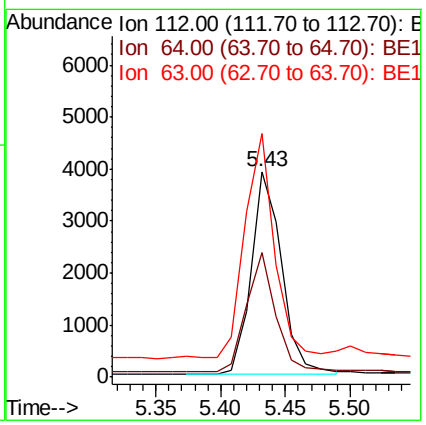


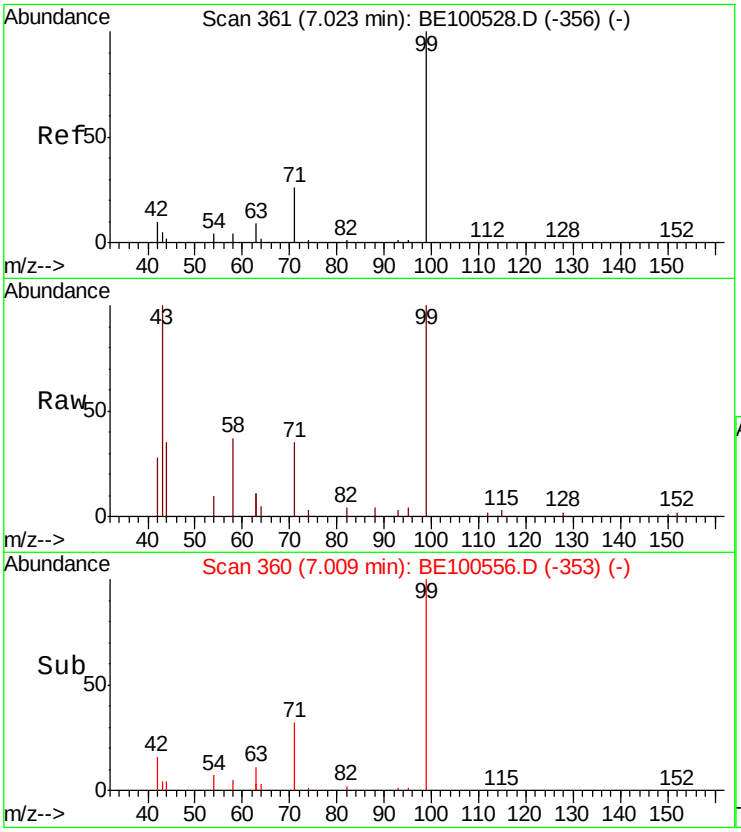


#4
2-Fluorophenol
Concen: 0.329 ng
RT: 5.43 min Scan# 223
Delta R.T. -0.00 min
Lab File: BE100556.D
Acq: 25 Sep 2019 14:50

Tgt Ion:112 Resp: 6383

Ion	Ratio	Lower	Upper
112	100		
64	55.8	44.1	66.1
63	109.6	86.5	129.7



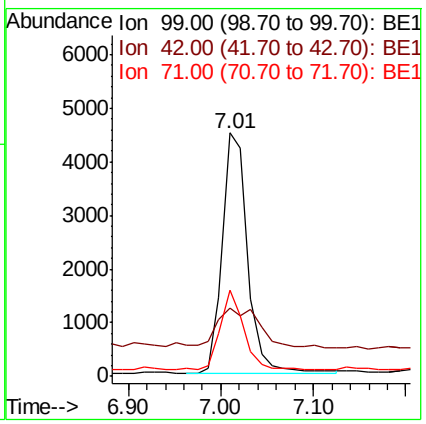


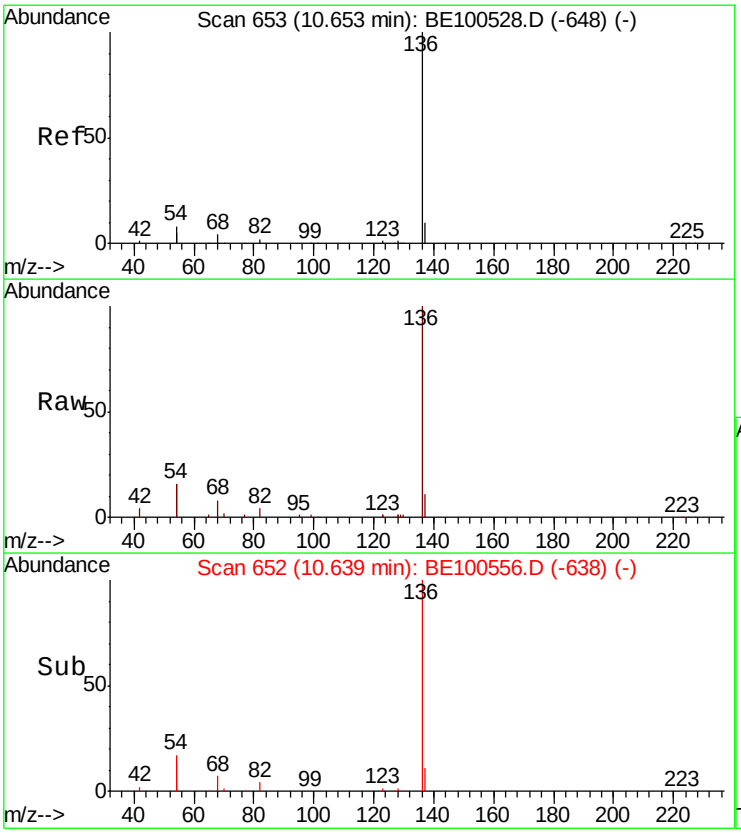
#5
Phenol-d6
Concen: 0.324 ng
RT: 7.01 min Scan# 360
Delta R.T. -0.01 min
Lab File: BE100556.D
Acq: 25 Sep 2019 14:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 8608

Ion	Ratio	Lower	Upper
99	100		
42	28.9	13.0	19.6#
71	29.9	23.4	35.0

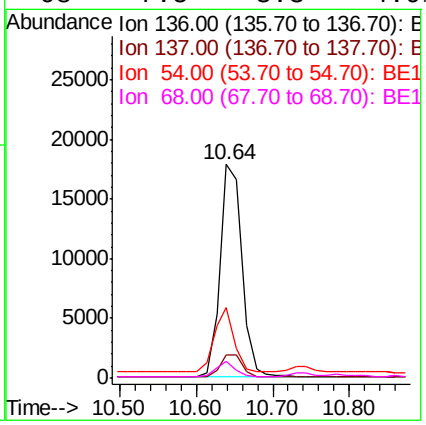


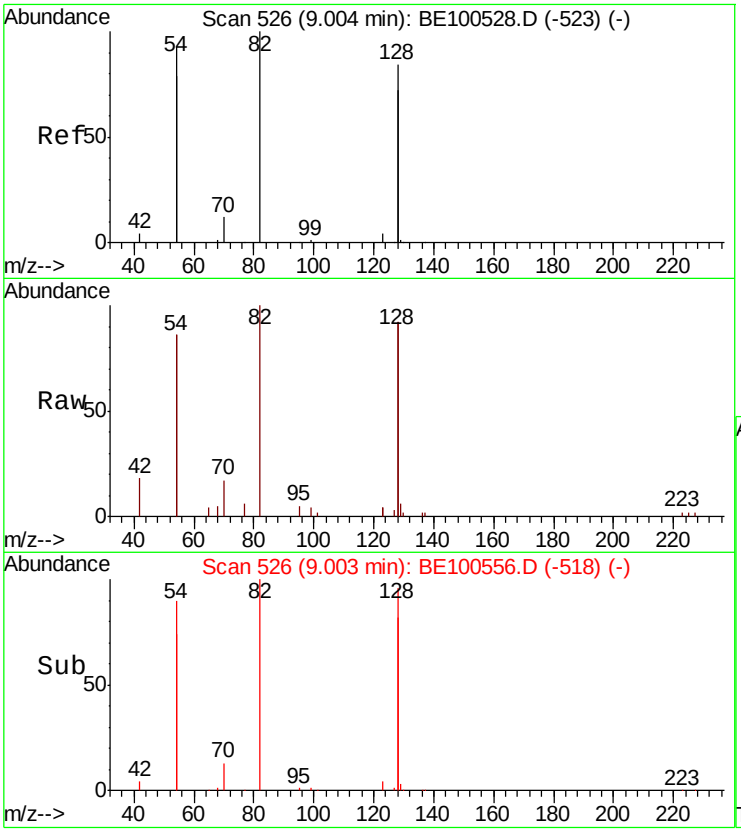


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.64 min Scan# 652
Delta R.T. -0.01 min
Lab File: BE100556.D
Acq: 25 Sep 2019 14:50

Tgt Ion:136 Resp: 35926

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	32.9	12.4	18.6#
68	7.5	3.3	4.9#



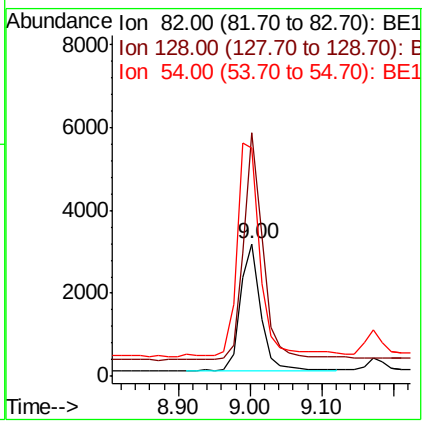


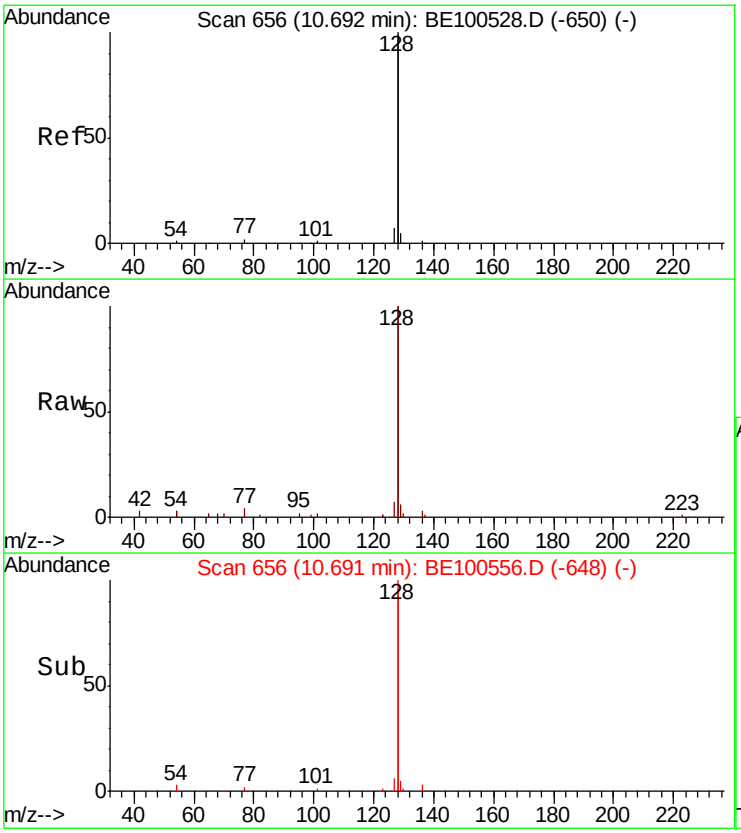
#8
Nitrobenzene-d5
Concen: 0.296 ng
RT: 9.00 min Scan# 526
Delta R.T. -0.00 min
Lab File: BE100556.D
Acq: 25 Sep 2019 14:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 82 Resp: 6127

Ion	Ratio	Lower	Upper
82	100		
128	184.1	129.4	194.2
54	172.5	143.3	214.9

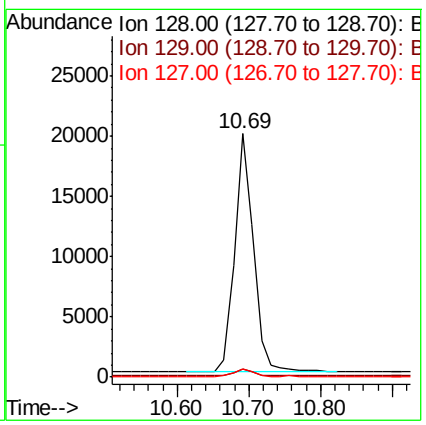


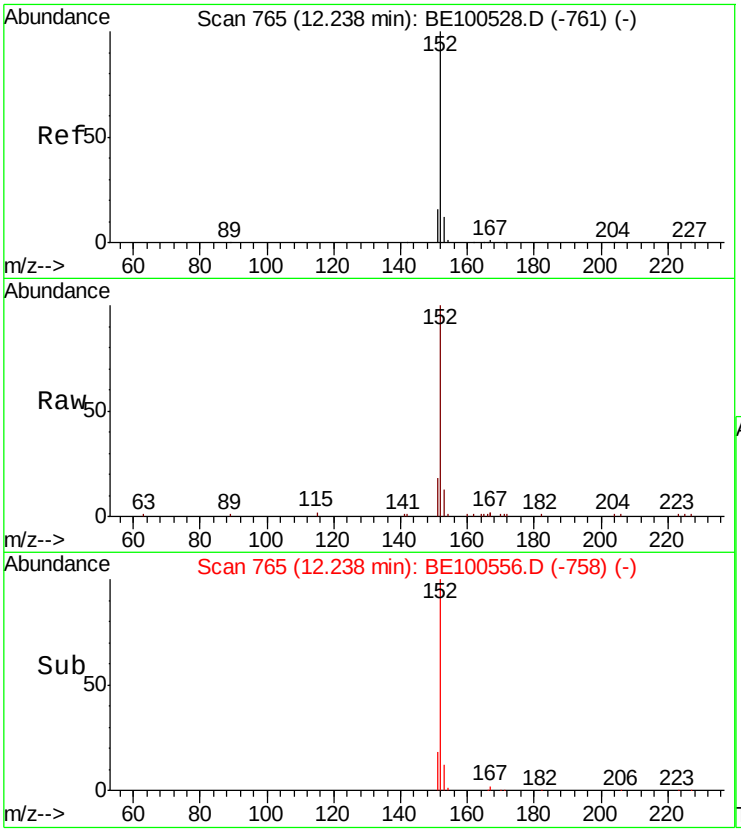


#9
Naphthalene
Concen: 0.096 ng
RT: 10.69 min Scan# 656
Delta R.T. -0.00 min
Lab File: BE100556.D
Acq: 25 Sep 2019 14:50

Tgt Ion:128 Resp: 35809

Ion	Ratio	Lower	Upper
128	100		
129	3.2	2.2	3.4
127	3.5	2.7	4.1



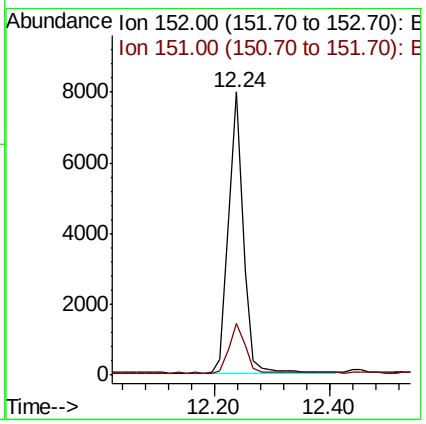


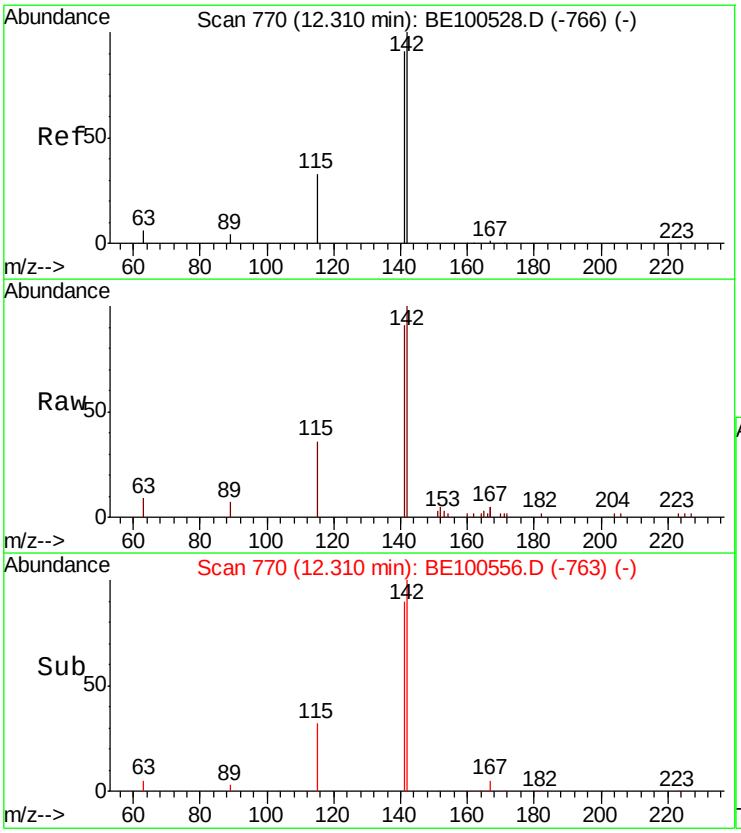
#11
2-Methylnaphthalene-d10
Concen: 0.263 ng
RT: 12.24 min Scan# 765
Delta R.T. 0.00 min
Lab File: BE100556.D
Acq: 25 Sep 2019 14:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 14155

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.3	22.9

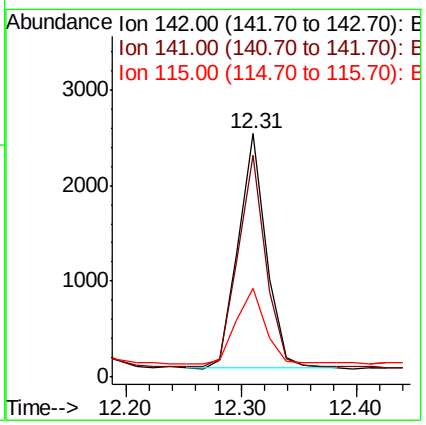


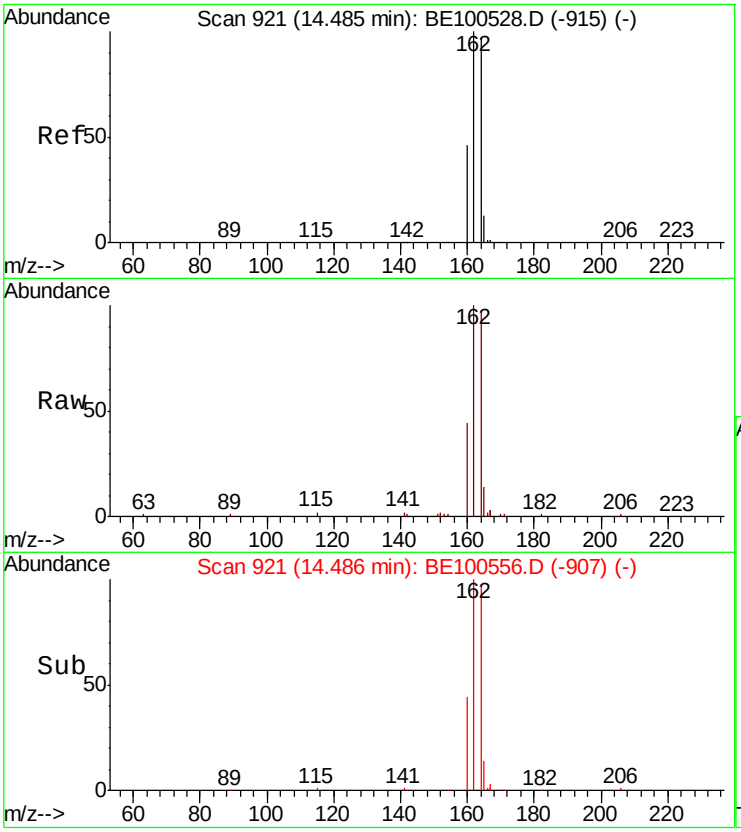


#12
2-Methylnaphthalene
Concen: 0.069 ng
RT: 12.31 min Scan# 770
Delta R.T. 0.00 min
Lab File: BE100556.D
Acq: 25 Sep 2019 14:50

Tgt Ion:142 Resp: 4117

Ion	Ratio	Lower	Upper
142	100		
141	90.9	72.5	108.7
115	36.3	27.2	40.8



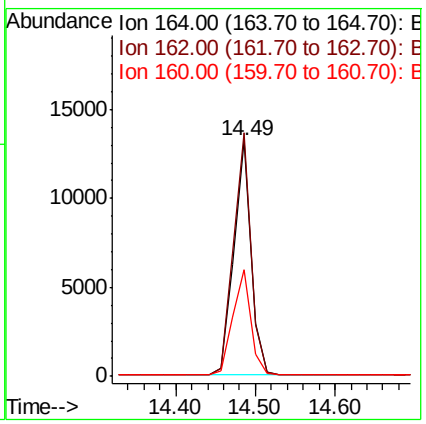


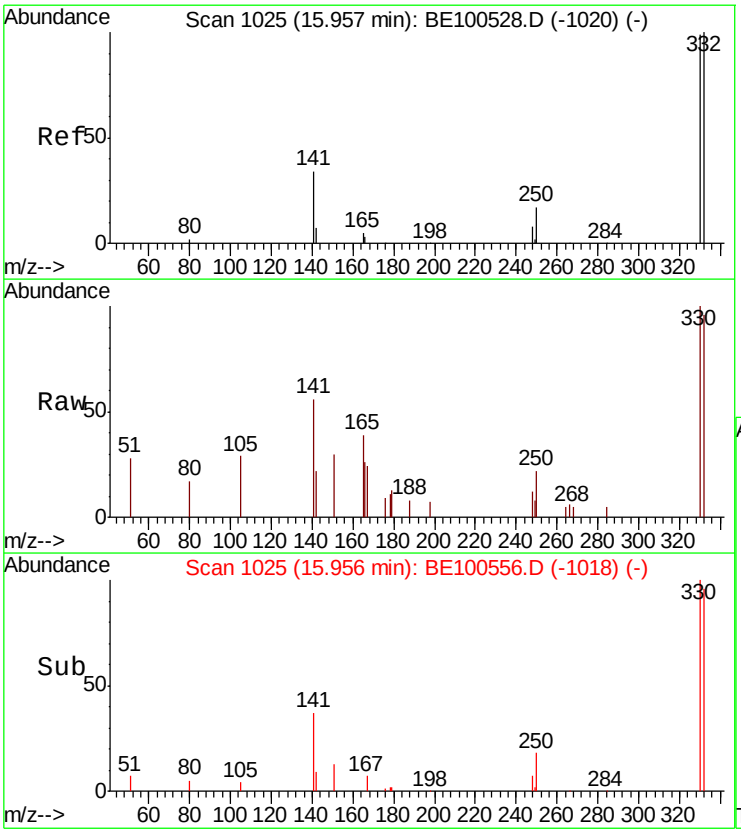
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. 0.00 min
Lab File: BE100556.D
Acq: 25 Sep 2019 14:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 19912

Ion	Ratio	Lower	Upper
164	100		
162	103.3	82.1	123.1
160	45.3	37.6	56.4

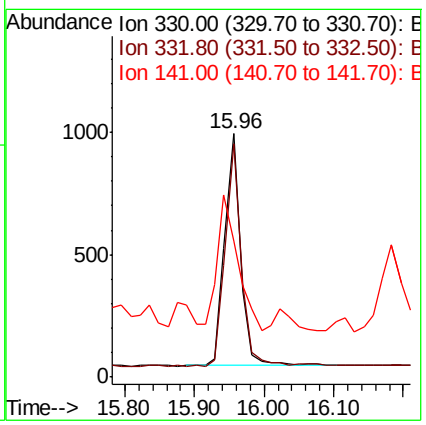


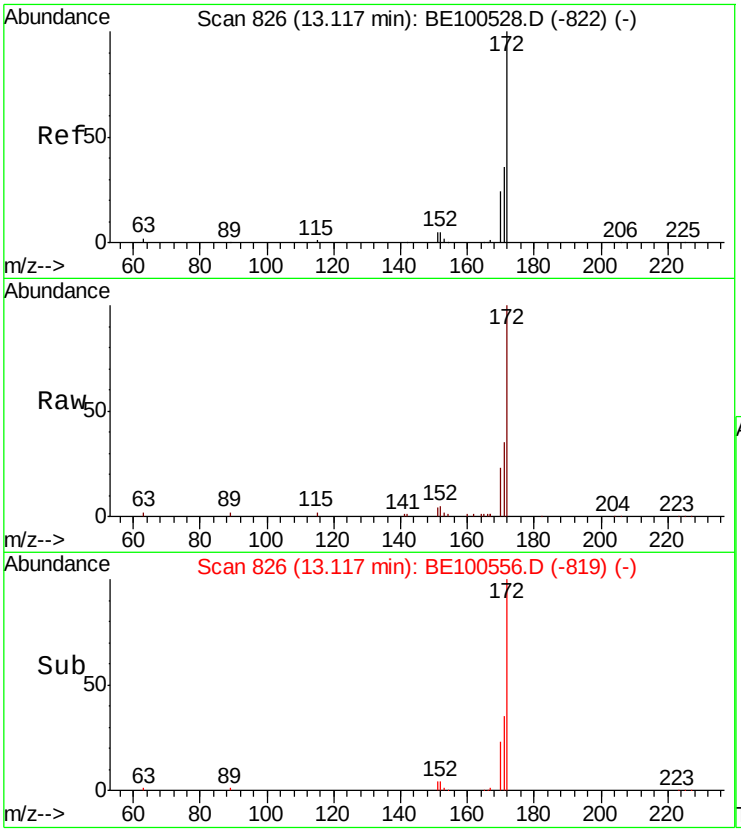


#14
2,4,6-Tribromophenol
Concen: 0.468 ng
RT: 15.96 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BE100556.D
Acq: 25 Sep 2019 14:50

Tgt Ion:330 Resp: 1506

Ion	Ratio	Lower	Upper
330	100		
332	96.3	75.5	113.3
141	74.0	42.3	63.5#



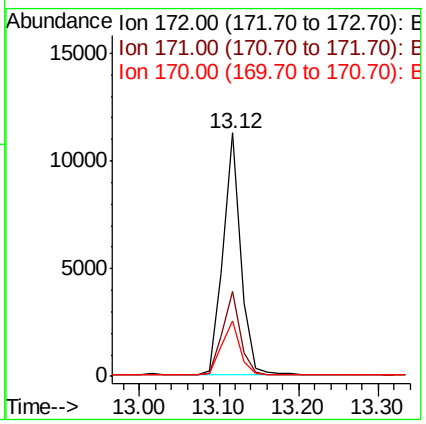


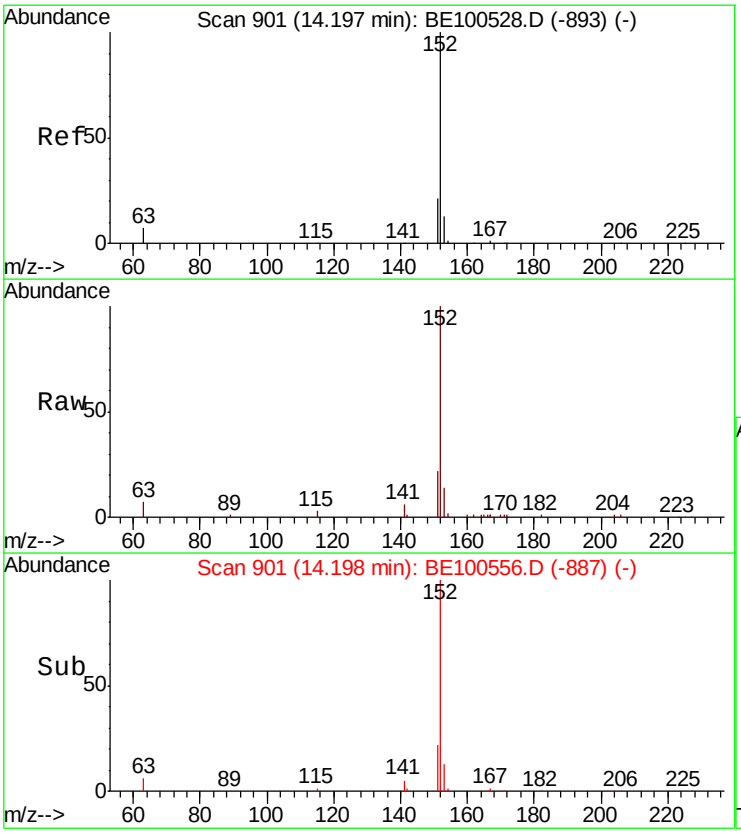
#15
2-Fluorobiphenyl
Concen: 0.245 ng
RT: 13.12 min Scan# 826
Delta R.T. 0.00 min
Lab File: BE100556.D
Acq: 25 Sep 2019 14:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 17413

Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.8	43.2
170	22.9	19.4	29.0

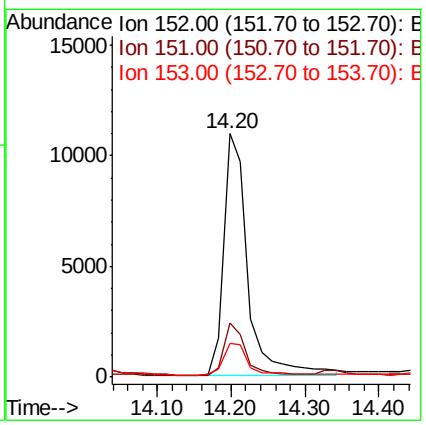


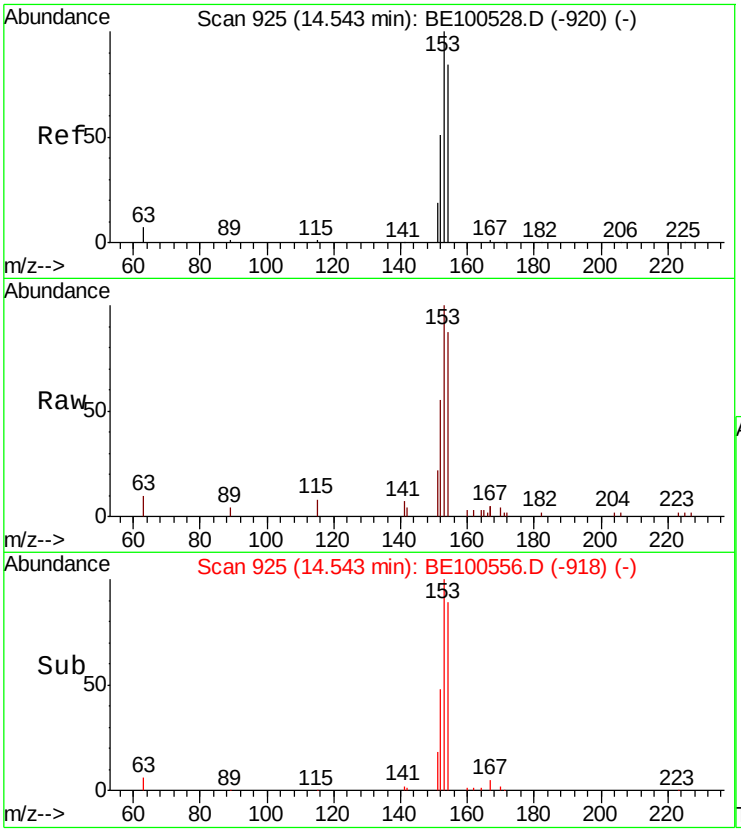


#16
Acenaphthylene
Concen: 0.300 ng
RT: 14.20 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE100556.D
Acq: 25 Sep 2019 14:50

Tgt Ion:152 Resp: 24557

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.9	23.9
153	13.5	10.7	16.1



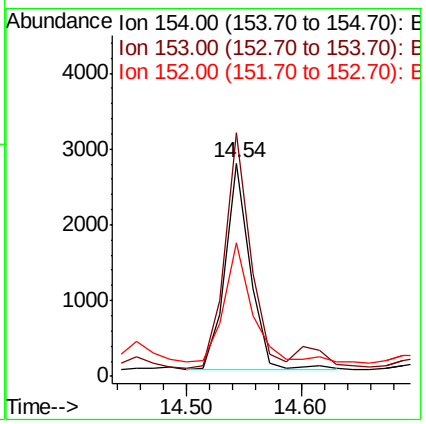


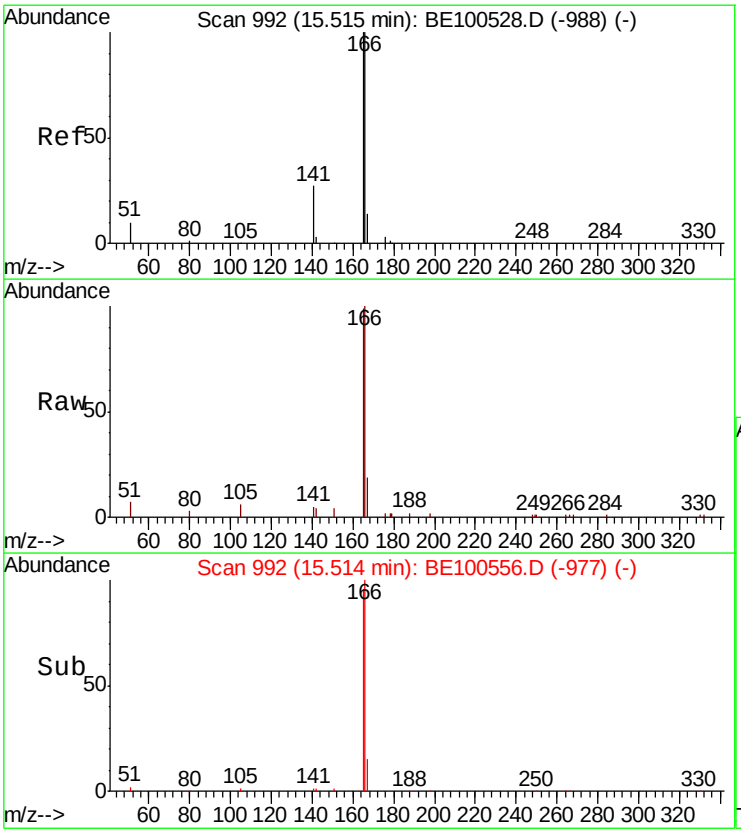
#17
Acenaphthene
Concen: 0.073 ng
RT: 14.54 min Scan# 925
Delta R.T. 0.00 min
Lab File: BE100556.D
Acq: 25 Sep 2019 14:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 4053

Ion	Ratio	Lower	Upper
154	100		
153	117.8	93.7	140.5
152	64.9	47.3	70.9

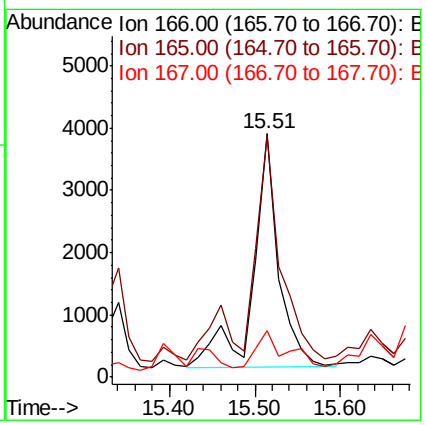


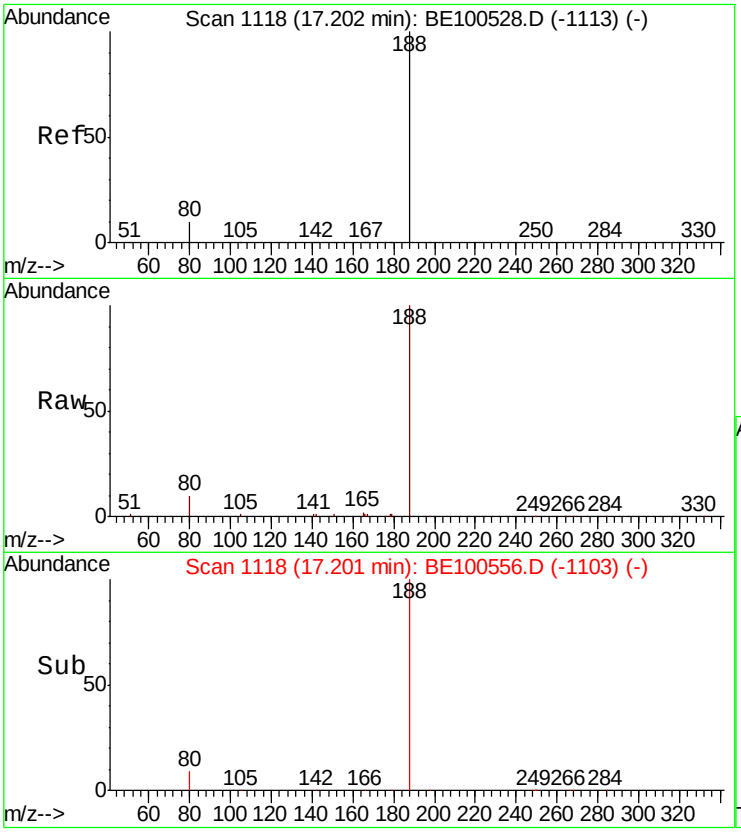


#18
Fluorene
Concen: 0.112 ng
RT: 15.51 min Scan# 992
Delta R.T. -0.00 min
Lab File: BE100556.D
Acq: 25 Sep 2019 14:50

Tgt Ion:166 Resp: 7773

Ion	Ratio	Lower	Upper
166	100		
165	86.6	80.1	120.1
167	18.9	10.9	16.3#



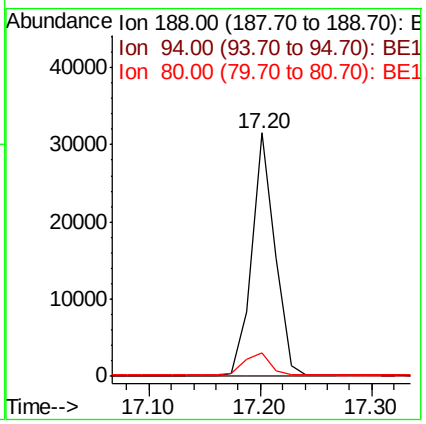


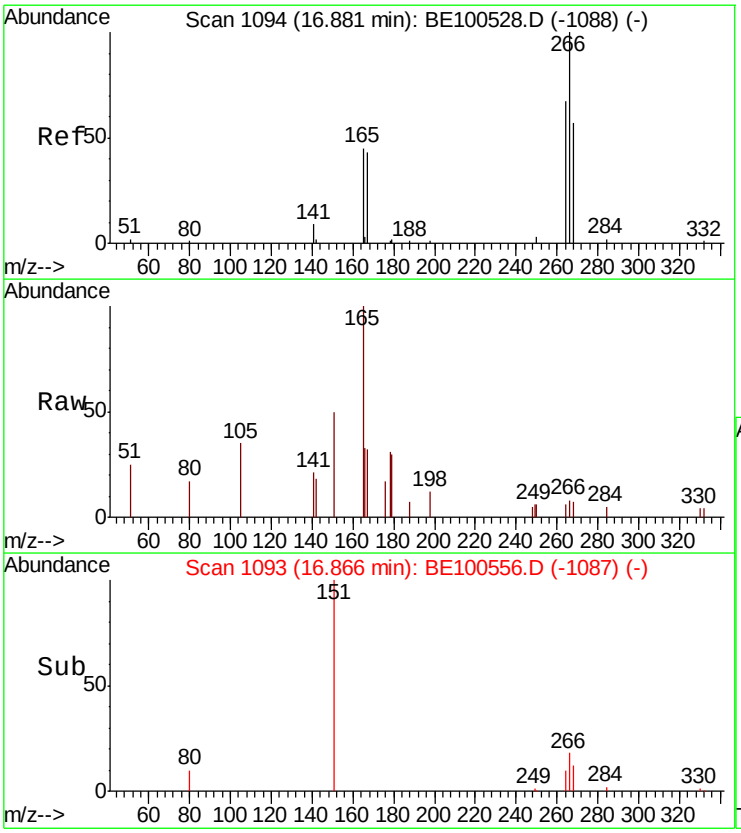
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.20 min Scan# 1118
Delta R.T. -0.00 min
Lab File: BE100556.D
Acq: 25 Sep 2019 14:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 45726

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.8	8.0	12.0

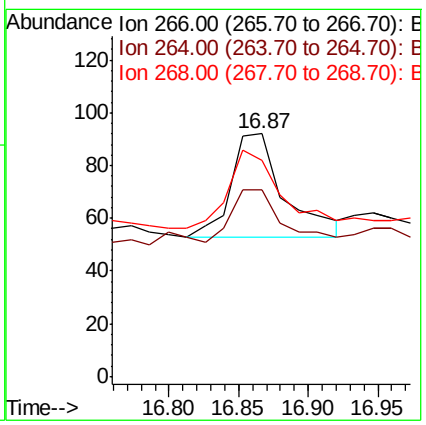


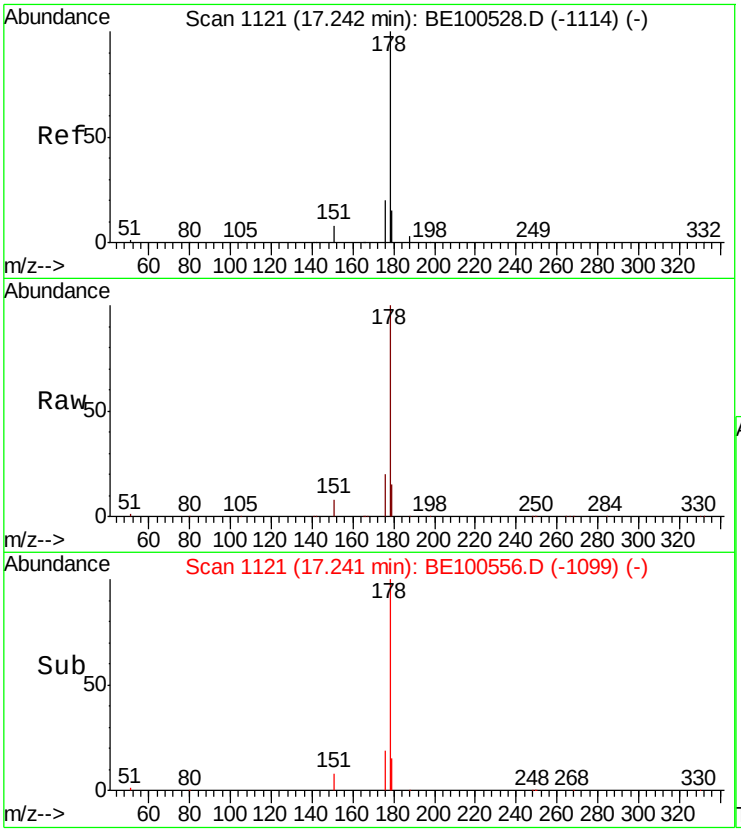


#22
Pentachlorophenol
Concen: 0.196 ng
RT: 16.87 min Scan# 1093
Delta R.T. -0.01 min
Lab File: BE100556.D
Acq: 25 Sep 2019 14:50

Tgt Ion:266 Resp: 103

Ion	Ratio	Lower	Upper
266	100		
264	77.2	57.6	86.4
268	89.1	55.1	82.7#



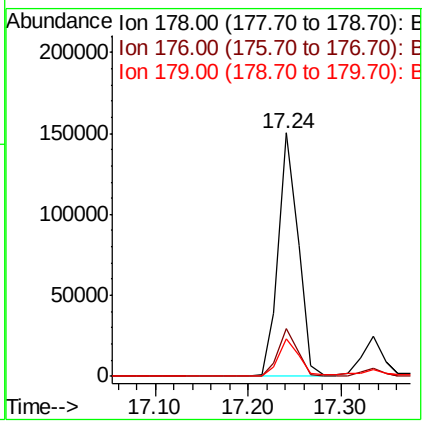


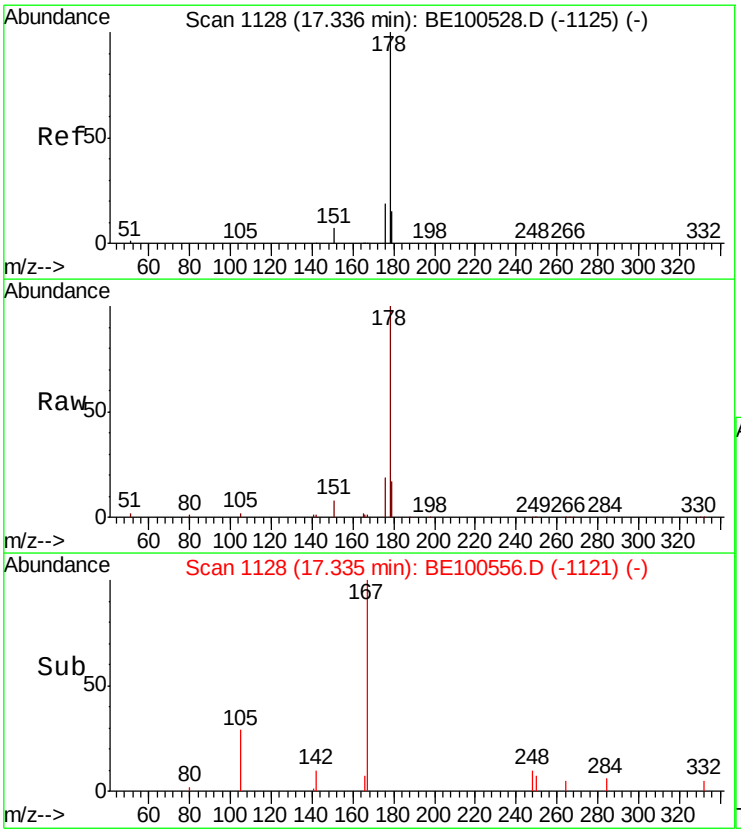
#23
Phenanthrene
Concen: 1.761 ng
RT: 17.24 min Scan# 1121
Delta R.T. -0.00 min
Lab File: BE100556.D
Acq: 25 Sep 2019 14:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 224413

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	15.6	12.6	18.8

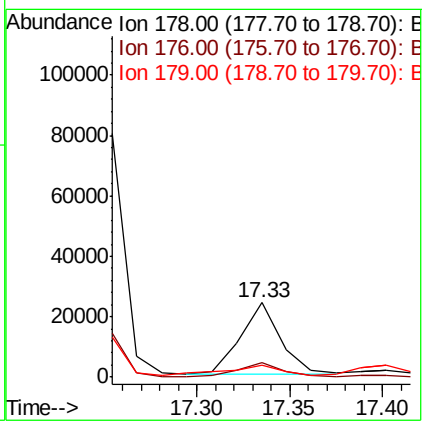


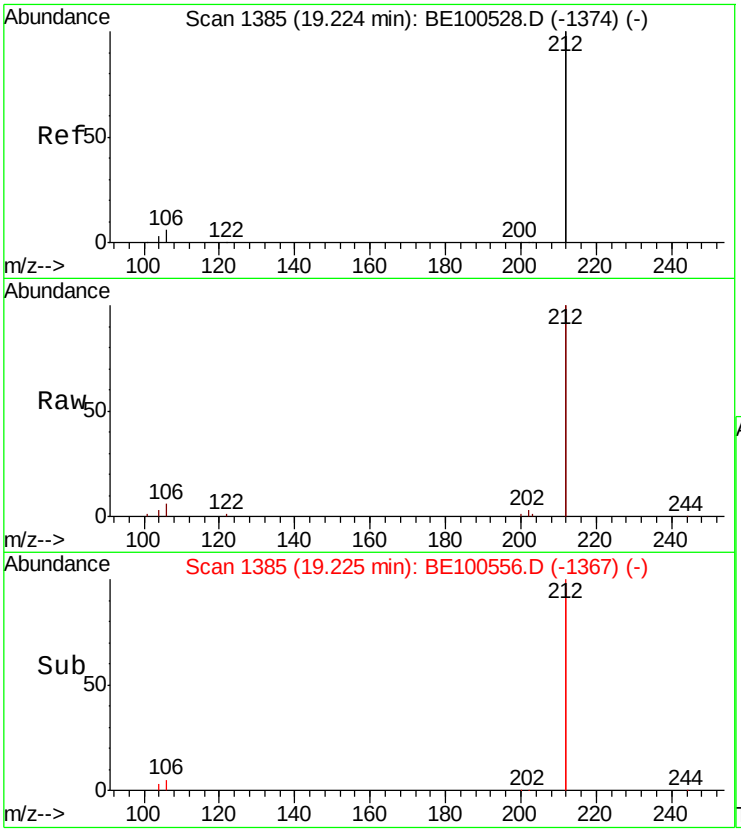


#24
Anthracene
Concen: 0.321 ng
RT: 17.33 min Scan# 1128
Delta R.T. -0.00 min
Lab File: BE100556.D
Acq: 25 Sep 2019 14:50

Tgt Ion:178 Resp: 34436

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.2	22.8
179	17.8	12.2	18.4



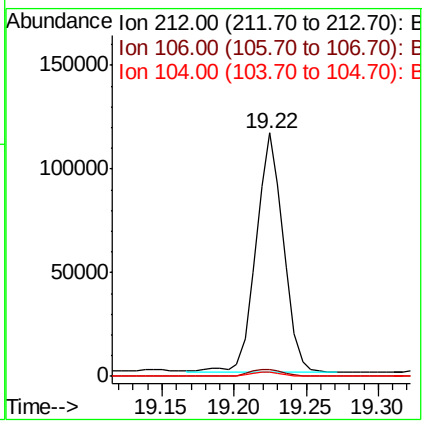


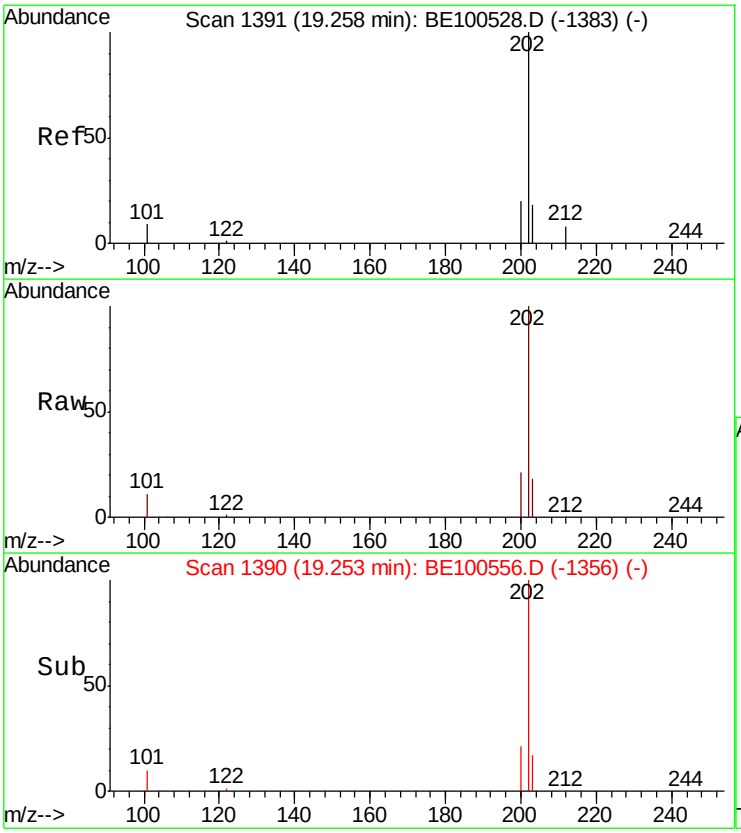
#25
Fluoranthene-d10
Concen: 0.283 ng
RT: 19.22 min Scan# 1385
Delta R.T. 0.00 min
Lab File: BE100556.D
Acq: 25 Sep 2019 14:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 153713

Ion	Ratio	Lower	Upper
212	100		
106	3.2	2.3	3.5
104	1.9	1.3	1.9

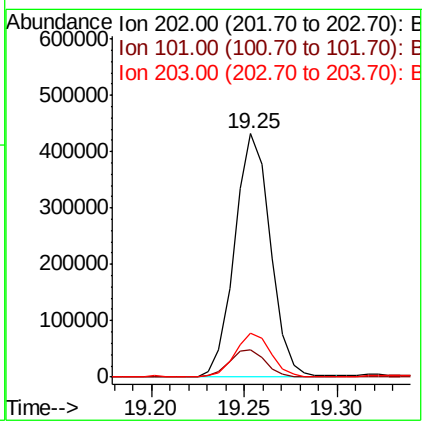


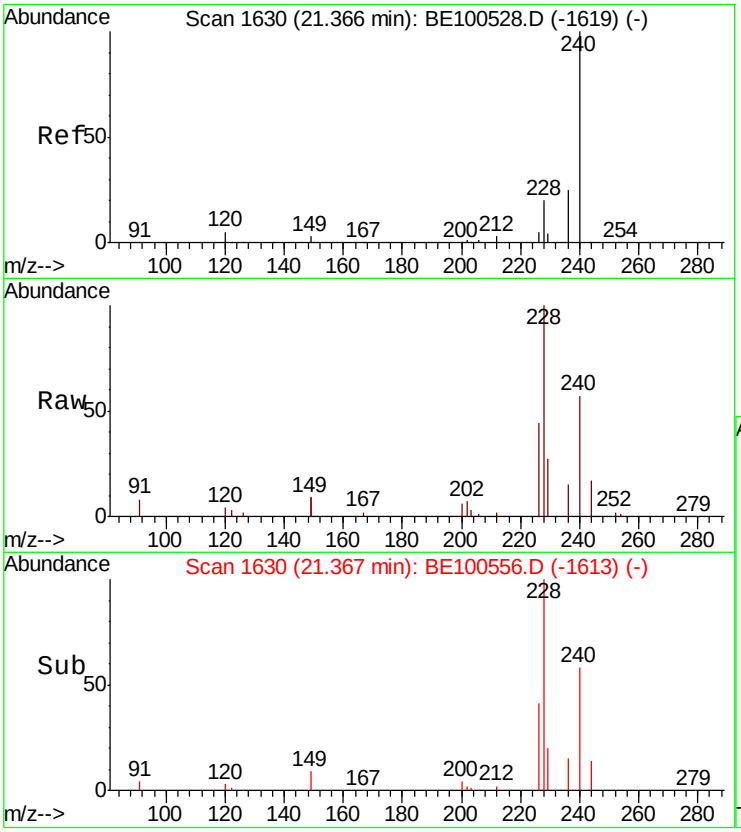


#26
Fluoranthene
Concen: 3.760 ng
RT: 19.25 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BE100556.D
Acq: 25 Sep 2019 14:50

Tgt Ion:202 Resp: 577686

Ion	Ratio	Lower	Upper
202	100		
101	11.2	8.8	13.2
203	17.8	13.7	20.5



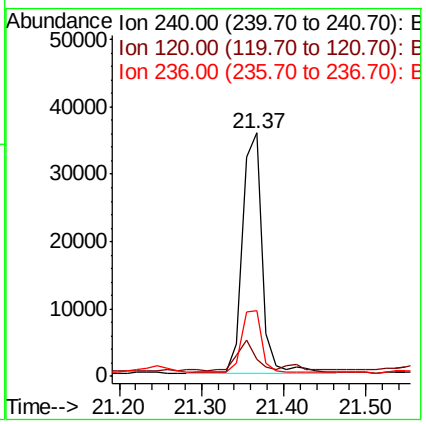


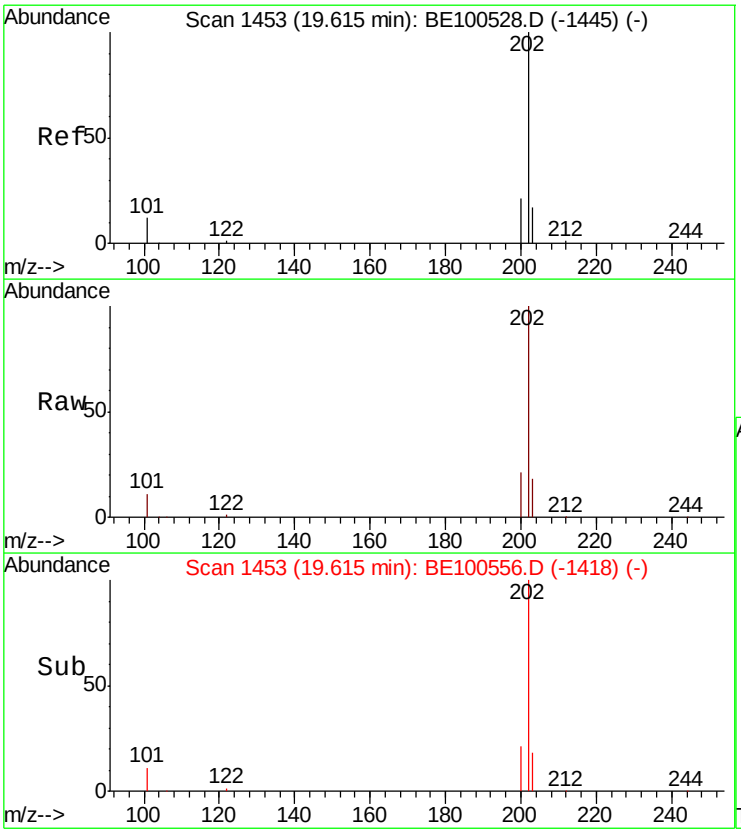
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. 0.00 min
Lab File: BE100556.D
Acq: 25 Sep 2019 14:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 59681

Ion	Ratio	Lower	Upper
240	100		
120	6.8	4.5	6.7#
236	26.7	20.6	30.8

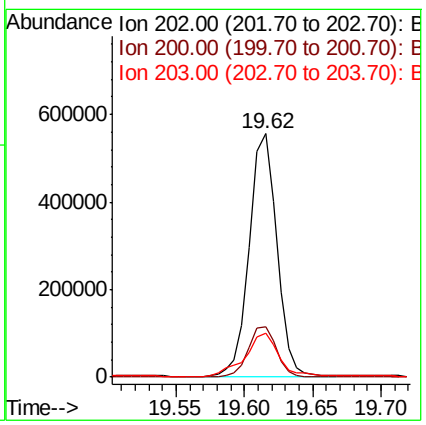


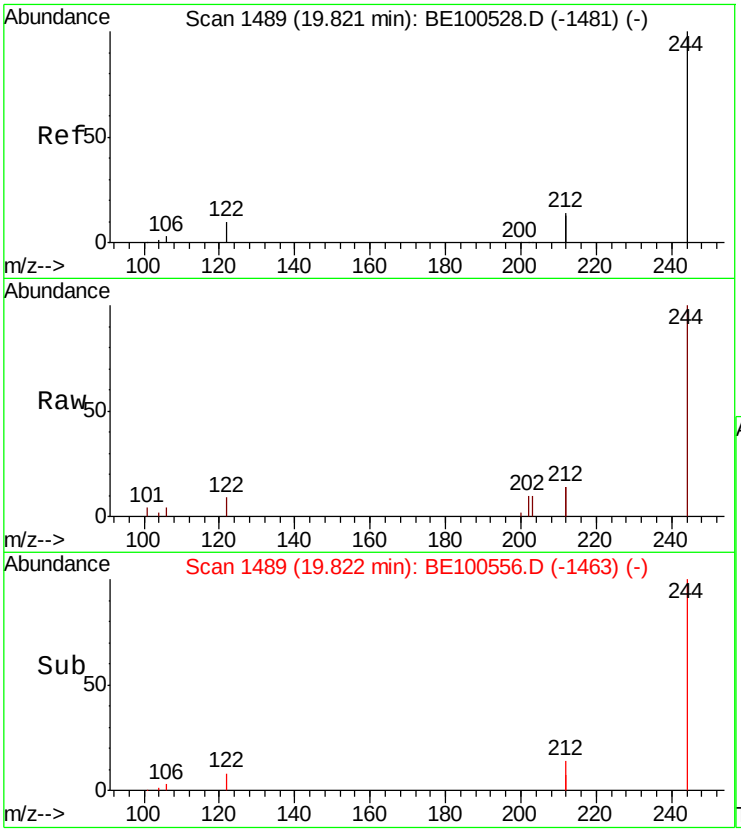


#28
Pyrene
Concen: 4.512 ng
RT: 19.62 min Scan# 1453
Delta R.T. 0.00 min
Lab File: BE100556.D
Acq: 25 Sep 2019 14:50

Tgt Ion:202 Resp: 774738

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.6	25.0
203	21.9	14.0	21.0#



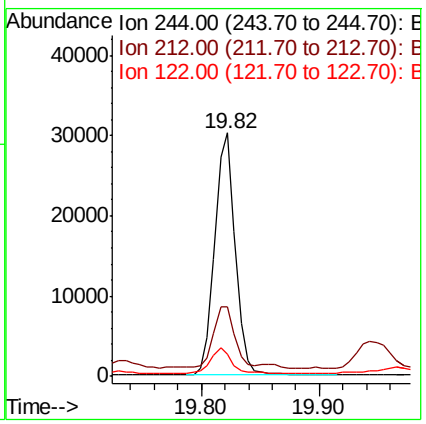


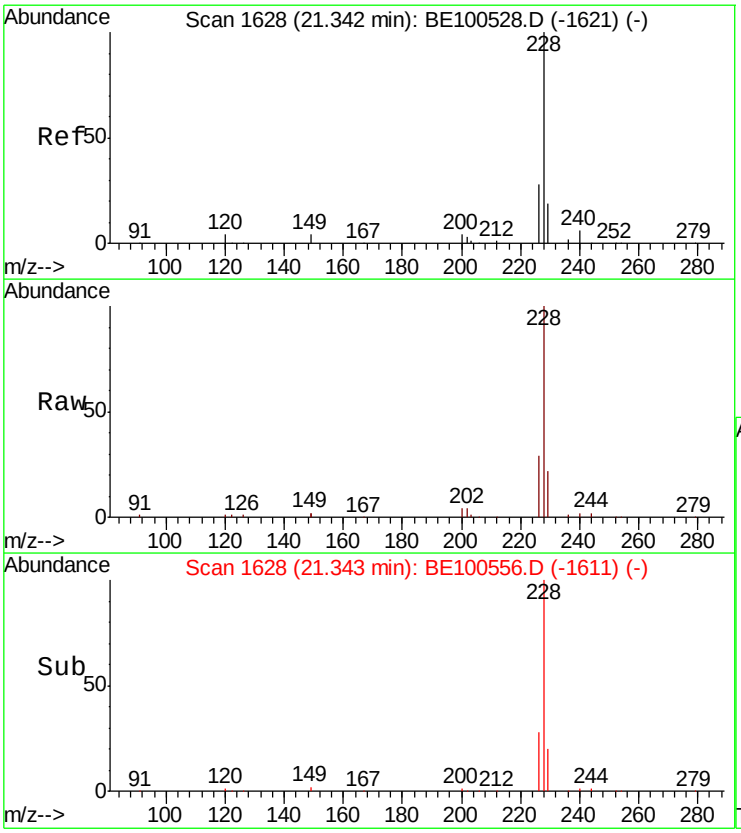
#29
Terphenyl-d14
Concen: 0.256 ng
RT: 19.82 min Scan# 1489
Delta R.T. 0.00 min
Lab File: BE100556.D
Acq: 25 Sep 2019 14:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 36231

Ion	Ratio	Lower	Upper
244	100		
212	28.6	22.2	33.2
122	9.2	8.3	12.5

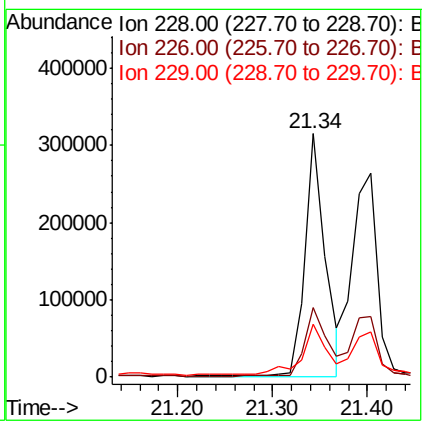


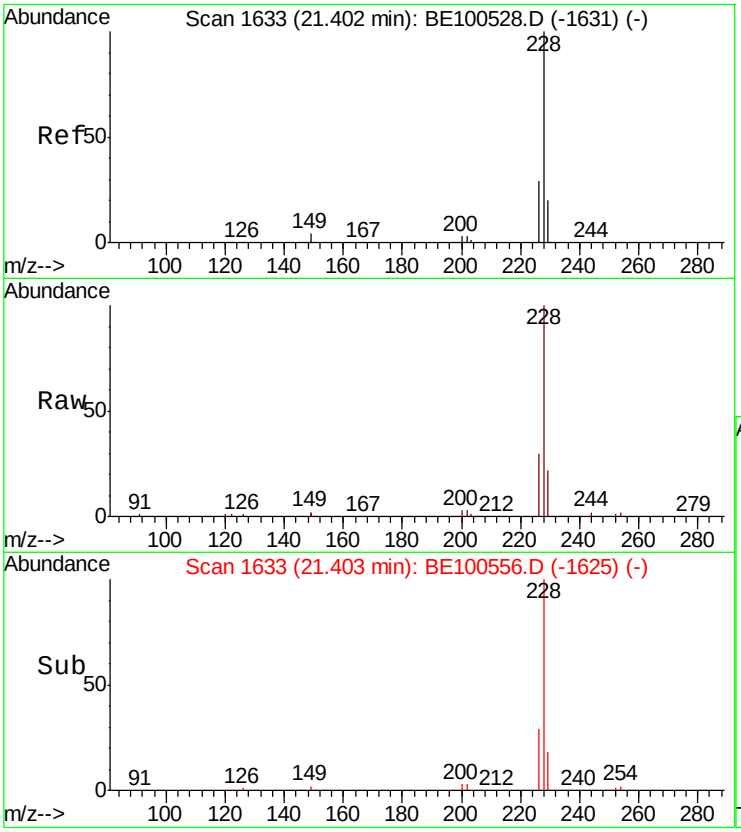


#30
Benzo(a)anthracene
Concen: 2.909 ng
RT: 21.34 min Scan# 1628
Delta R.T. 0.00 min
Lab File: BE100556.D
Acq: 25 Sep 2019 14:50

Tgt Ion:228 Resp: 463649

Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.5	33.7
229	21.6	15.4	23.2



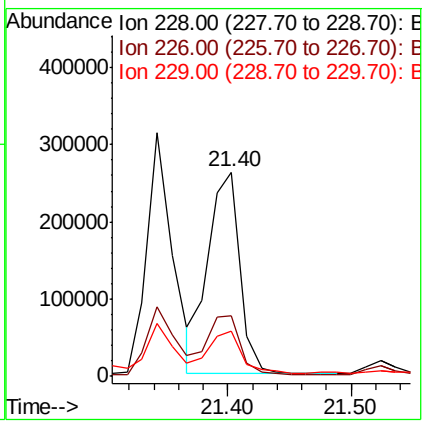


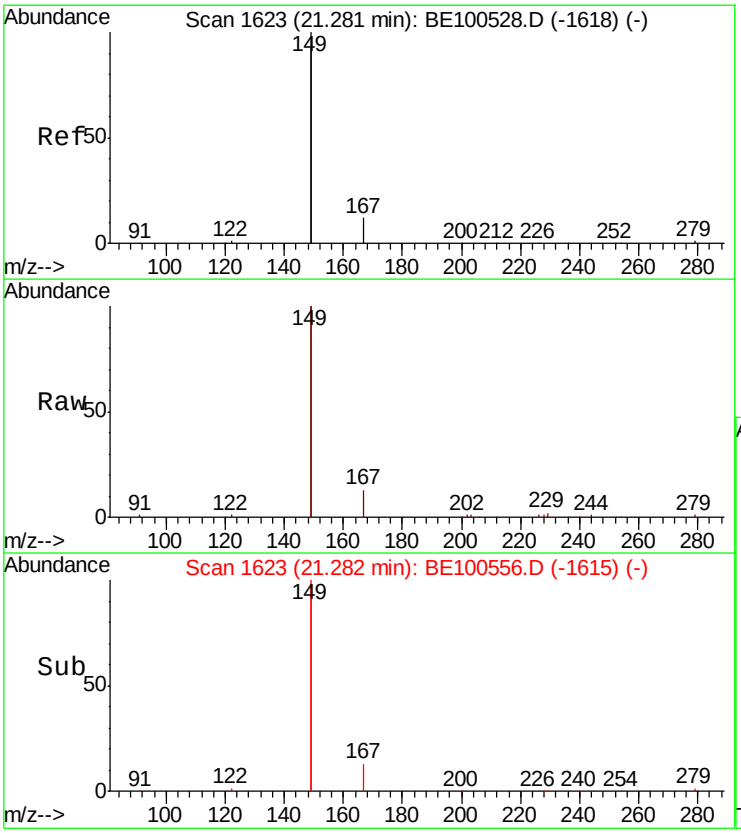
#31
Chrysene
Concen: 2.592 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BE100556.D
Acq: 25 Sep 2019 14:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 470848

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.3	34.9
229	22.4	16.3	24.5

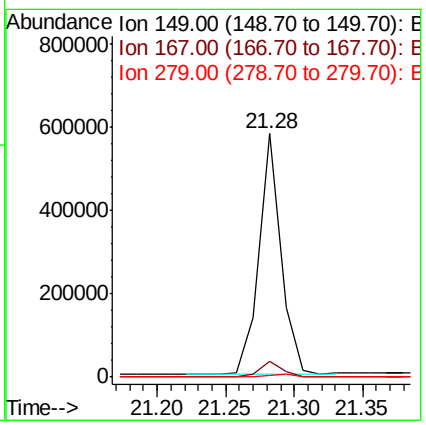


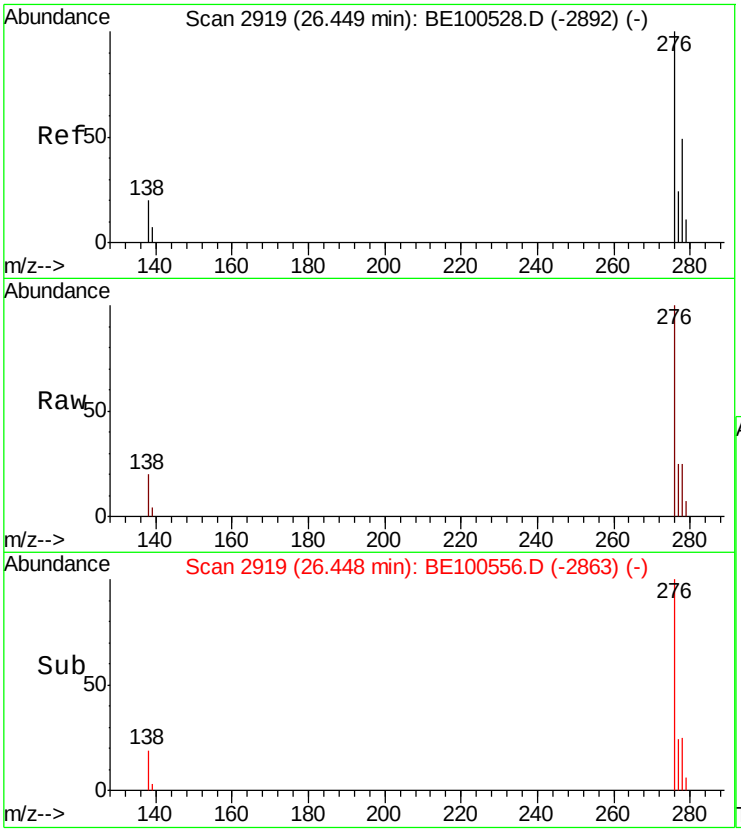


#32
Bis(2-ethylhexyl)phthalate
Concen: 3.801 ng
RT: 21.28 min Scan# 1623
Delta R.T. 0.00 min
Lab File: BE100556.D
Acq: 25 Sep 2019 14:50

Tgt Ion:149 Resp: 652960

Ion	Ratio	Lower	Upper
149	100		
167	6.6	5.2	7.8
279	1.0	1.0	1.4



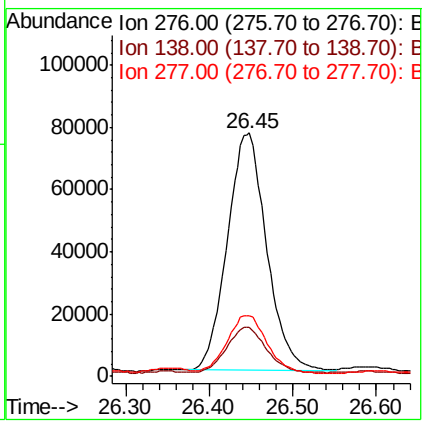


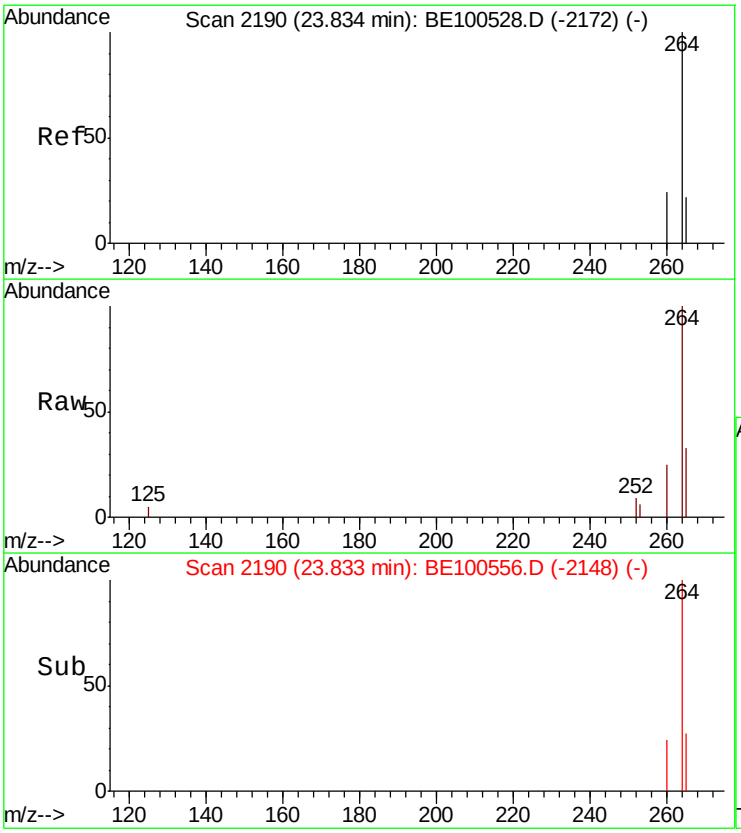
#33
Indeno(1,2,3-cd)pyrene
Concen: 1.230 ng
RT: 26.45 min Scan# 2919
Delta R.T. -0.00 min
Lab File: BE100556.D
Acq: 25 Sep 2019 14:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 248368

Ion	Ratio	Lower	Upper
276	100		
138	19.7	17.7	26.5
277	24.8	19.9	29.9

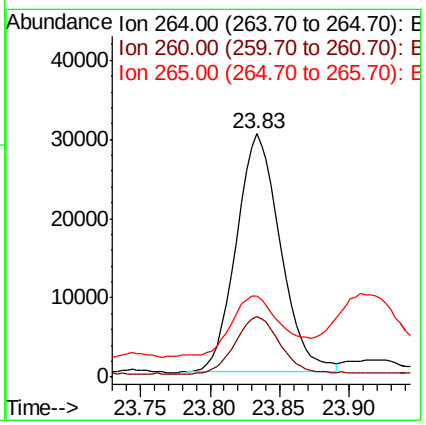


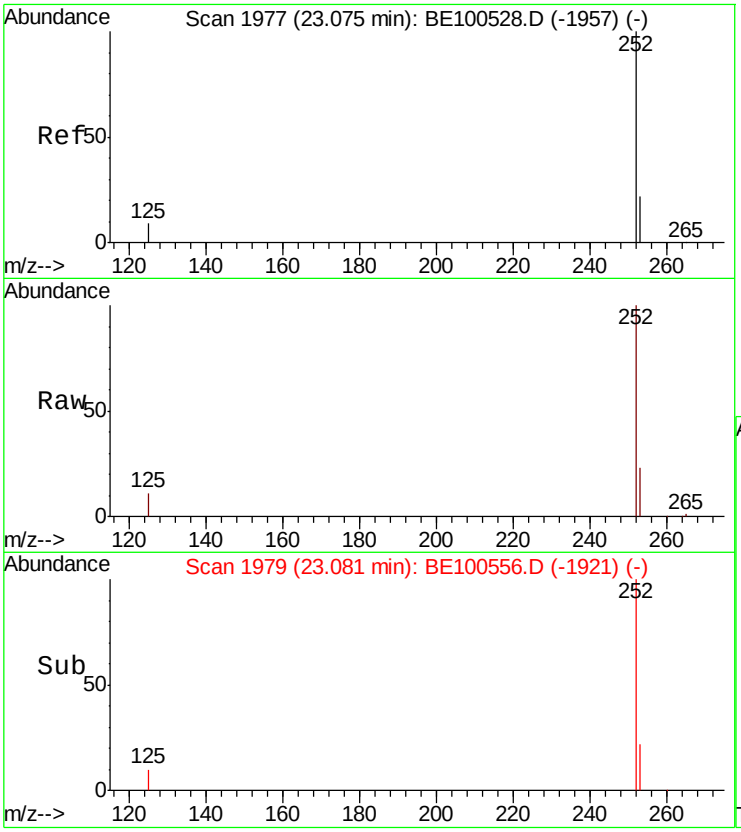


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.83 min Scan# 2190
Delta R.T. -0.00 min
Lab File: BE100556.D
Acq: 25 Sep 2019 14:50

Tgt Ion:264 Resp: 66371

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.6	29.4
265	33.2	21.8	32.8#



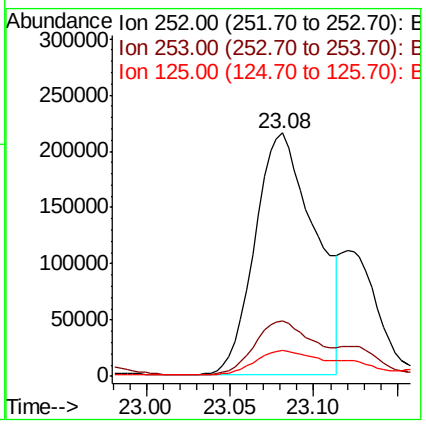


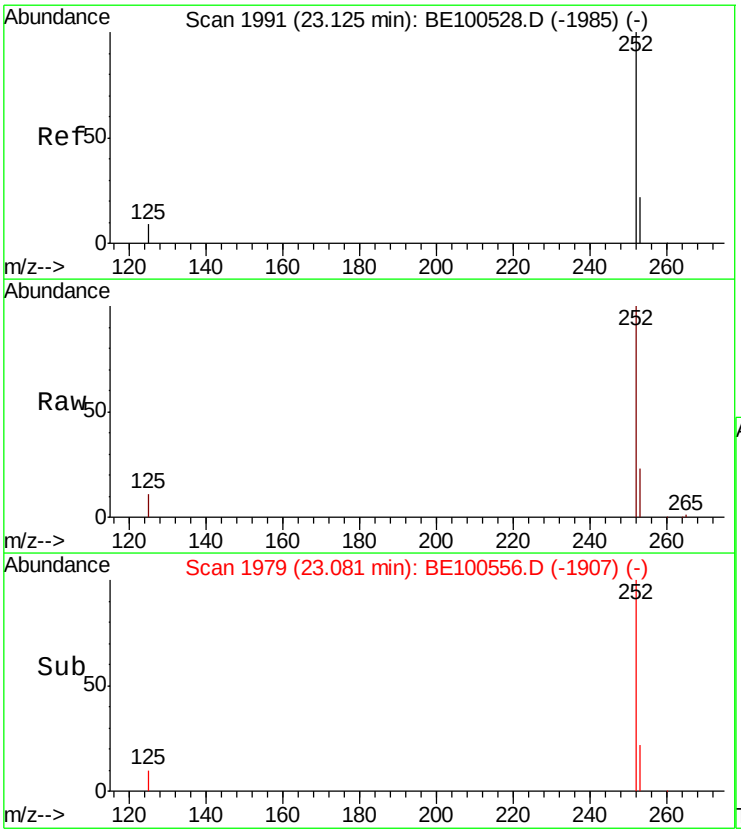
#35
Benzo(b)fluoranthene
Concen: 2.984 ng
RT: 23.08 min Scan# 1979
Delta R.T. 0.01 min
Lab File: BE100556.D
Acq: 25 Sep 2019 14:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 535850

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.1	27.1
125	10.6	8.0	12.0

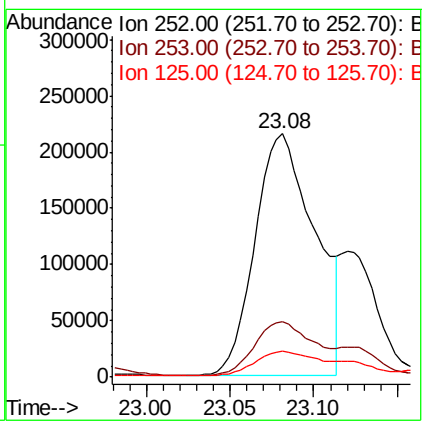


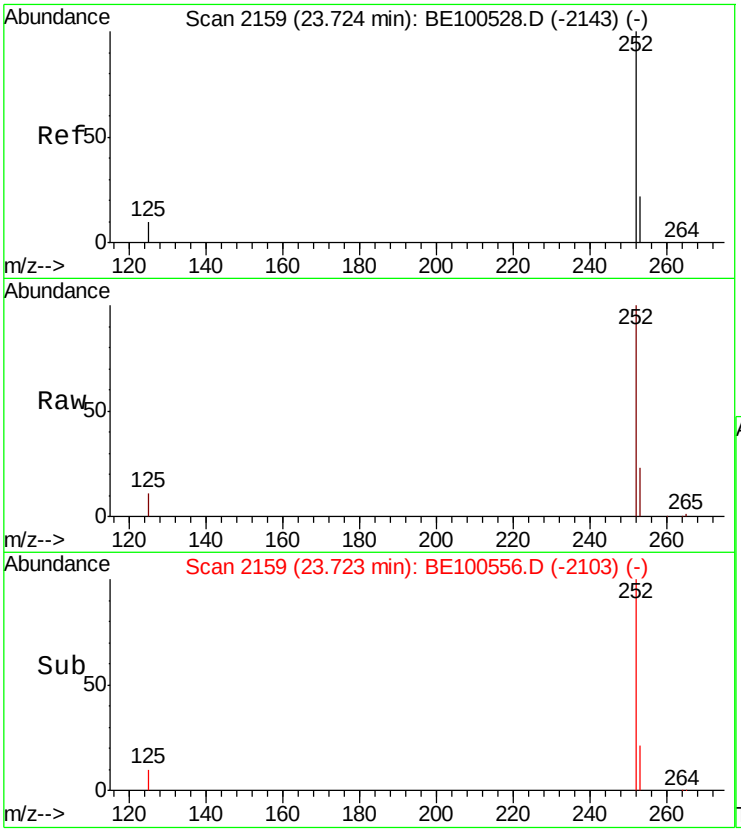


#36
Benzo(k)fluoranthene
Concen: 2.579 ng
RT: 23.08 min Scan# 1979
Delta R.T. -0.04 min
Lab File: BE100556.D
Acq: 25 Sep 2019 14:50

Tgt Ion:252 Resp: 535850

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.9	26.9
125	10.6	8.5	12.7



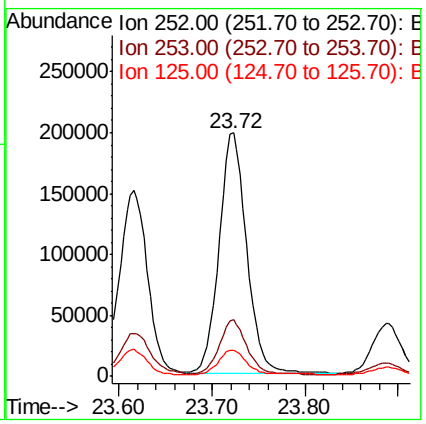


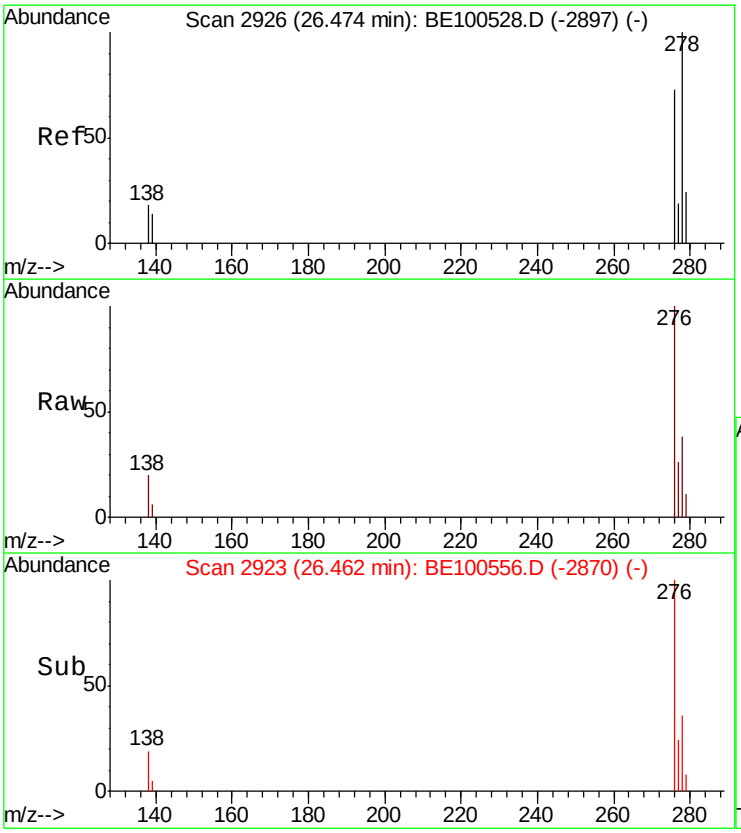
#37
Benzo(a)pyrene
Concen: 2.408 ng
RT: 23.72 min Scan# 2159
Delta R.T. -0.00 min
Lab File: BE100556.D
Acq: 25 Sep 2019 14:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 403462

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.1	27.1
125	10.8	9.2	13.8

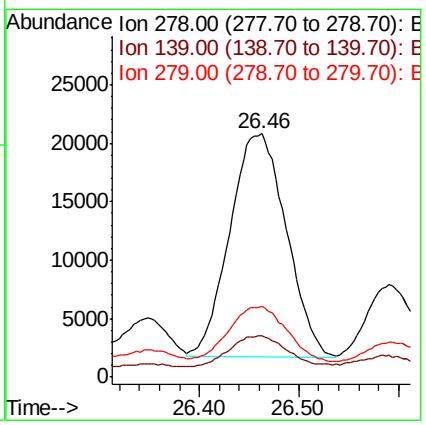


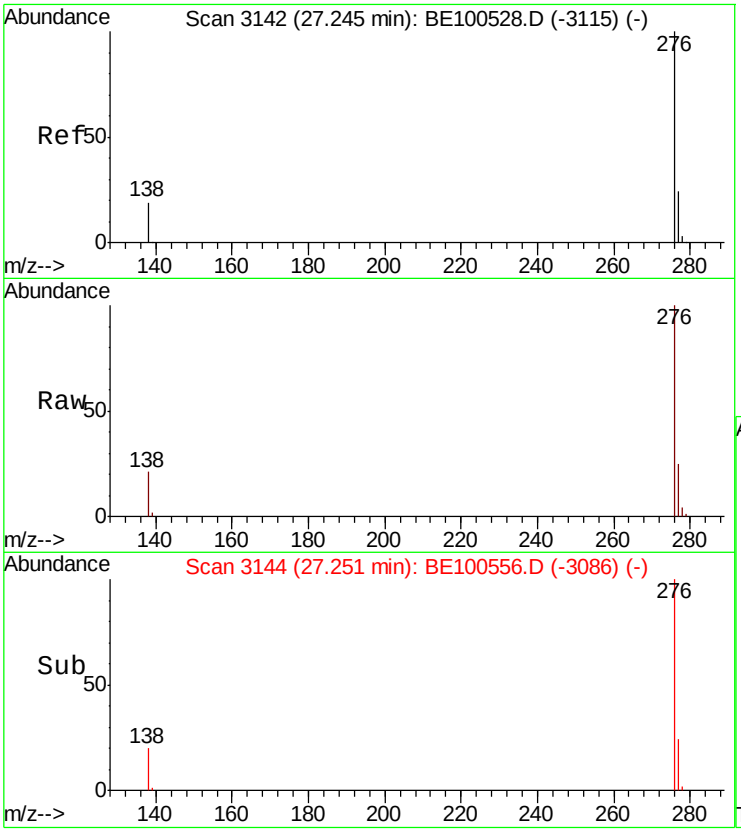


#38
Dibenzo(a,h)anthracene
Concen: 0.430 ng
RT: 26.46 min Scan# 2923
Delta R.T. -0.01 min
Lab File: BE100556.D
Acq: 25 Sep 2019 14:50

Tgt Ion:278 Resp: 75124

Ion	Ratio	Lower	Upper
278	100		
139	16.8	11.6	17.4
279	28.9	19.7	29.5





#39
Benzo(g,h,i)perylene
Concen: 1.503 ng
RT: 27.25 min Scan# 3144
Delta R.T. 0.01 min
Lab File: BE100556.D
Acq: 25 Sep 2019 14:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 273873

Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.2	28.8
138	20.6	15.7	23.5