Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092519\
Data File : BE100554.D
Acq On : 25 Sep 2019 12:39
Operator : JU
Sample : K4995-07MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Sep 26 00:40:27 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	7.87	152	8130	0.40	ng	0.00
7) Naphthalene-d8	10.64	136	34049	0.40	ng	-0.01
13) Acenaphthene-d10	14.49	164	17684	0.40	ng	0.00
19) Phenanthrene-d10	17.20	188	32704	0.40	ng	0.00
27) Chrysene-d12	21.37	240	39380	0.40	ng	0.00
34) Perylene-d12	23.83	264	53969	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	6176	0.32	ng	0.01
5) Phenol-d6	7.01	99	8028	0.31	ng	-0.01
8) Nitrobenzene-d5	9.00	82	5977	0.30	ng	0.00
11) 2-Methylnaphthalene-d10	12.24	152	15134	0.30	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	629	0.22	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	17904	0.28	ng	0.00
25) Fluoranthene-d10	19.23	212	109143	0.28	ng	0.00
29) Terphenyl-d14	19.82	244	24630	0.26	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	2851	0.243	ng	# 67
3) n-Nitrosodimethylamine	3.66	42	2229	0.324	ng	# 95
6) bis(2-Chloroethyl)ether	7.28	93	7430	0.282	ng	87
9) Naphthalene	10.69	128	105254	0.298	ng	100
10) Hexachlorobutadiene	10.99	225	3135	0.278	ng	98
12) 2-Methylnaphthalene	12.31	142	16144	0.287	ng	99
16) Acenaphthylene	14.20	152	23367	0.321	ng	99
17) Acenaphthene	14.54	154	13663	0.278	ng	99
18) Fluorene	15.51	166	16511	0.268	ng	100
20) 4-Bromophenyl-phenylether	16.40	248	4755	0.309	ng	94
21) Hexachlorobenzene	16.52	284	3639	0.272	ng	99
22) Pentachlorophenol	16.85	266	374	0.293	ng	98
23) Phenanthrene	17.24	178	33890	0.372	ng	100
24) Anthracene	17.34	178	23725	0.309	ng	100
26) Fluoranthene	19.25	202	56335	0.513	ng	100
28) Pyrene	19.62	202	60243	0.532	ng	98
30) Benzo(a)anthracene	21.34	228	57973	0.551	ng	99
31) Chrysene	21.40	228	58296	0.486	ng	99
32) Bis(2-ethylhexyl)phthalate	21.28	149	95024	0.838	ng	100
33) Indeno(1,2,3-cd)pyrene	26.44	276	66822	0.502	ng	98
35) Benzo(b)fluoranthene	23.07	252	72124	0.494	ng	99
36) Benzo(k)fluoranthene	23.07	252	72124	0.427	ng	99
37) Benzo(a)pyrene	23.72	252	65688	0.482	ng	99
38) Dibenzo(a,h)anthracene	26.47	278	44316	0.312	ng	98
39) Benzo(g,h,i)perylene	27.24	276	59652	0.403	ng	99

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

Quantitation Report (Not Reviewed)

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Acq On : 25 Sep 2019 12:39
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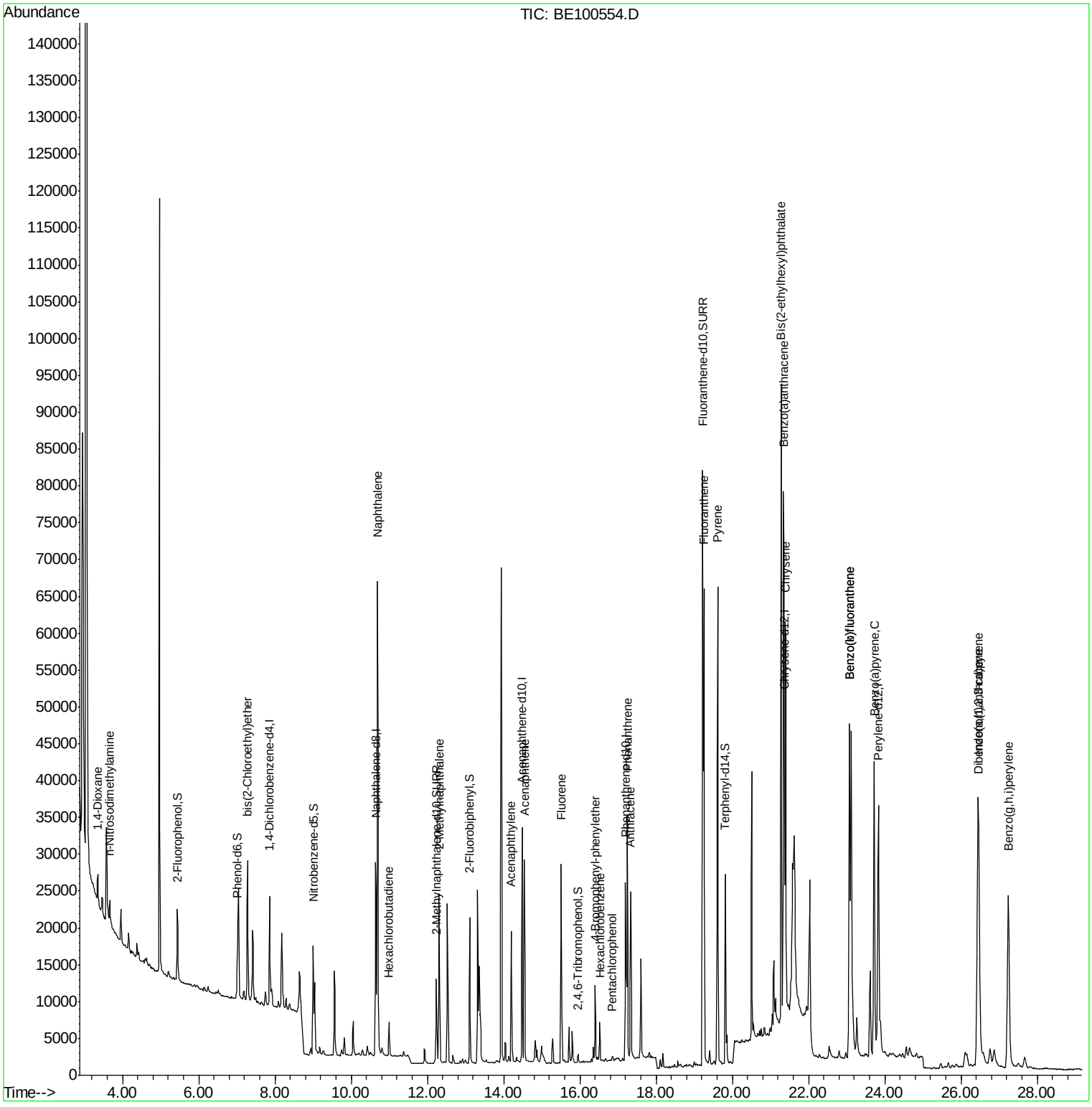
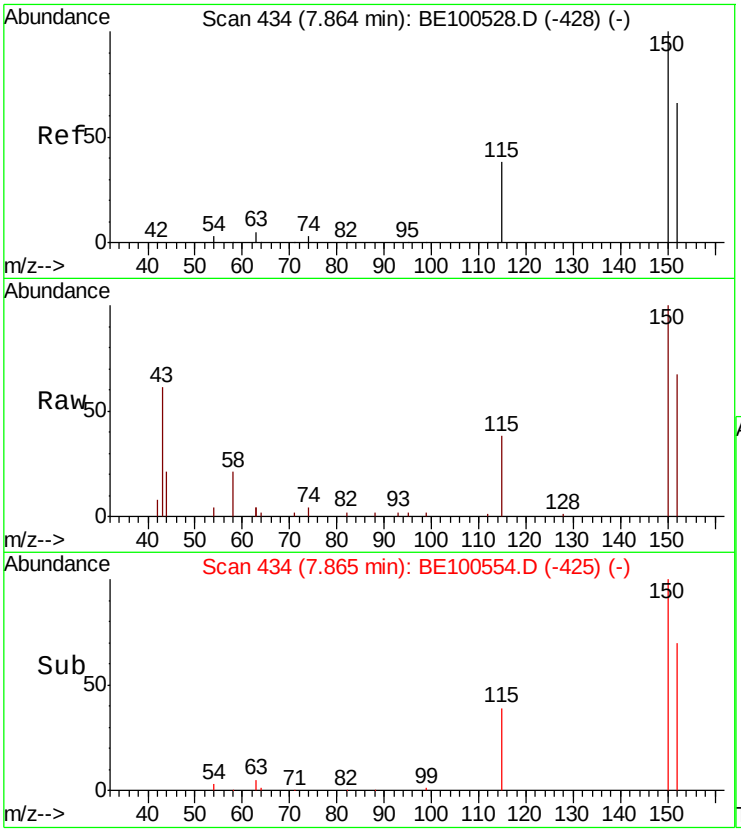
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Sep 26 00:40:27 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



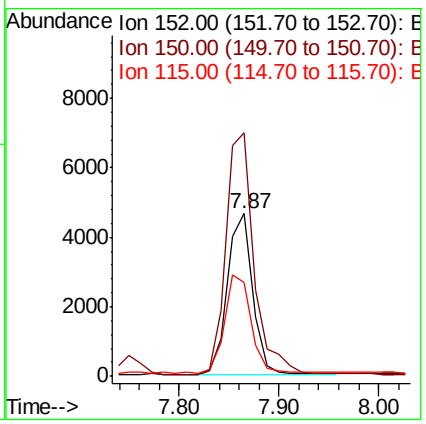


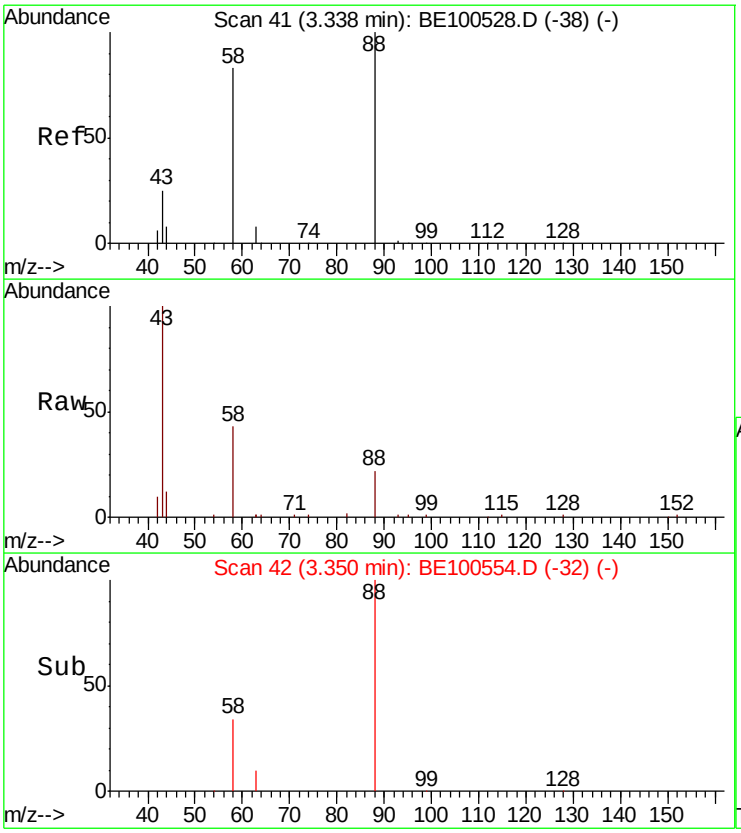
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.87 min Scan# 434
Delta R.T. 0.00 min
Lab File: BE100554.D
Acq: 25 Sep 2019 12:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 8130

Ion	Ratio	Lower	Upper
152	100		
150	149.5	121.6	182.4
115	57.4	48.2	72.4

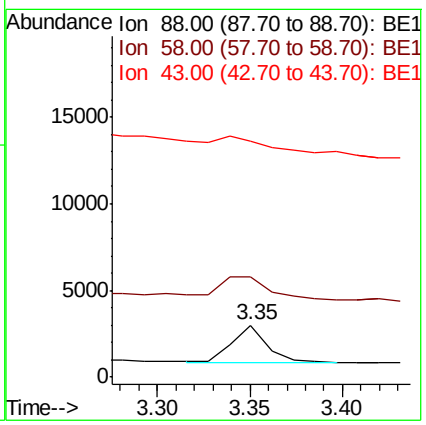


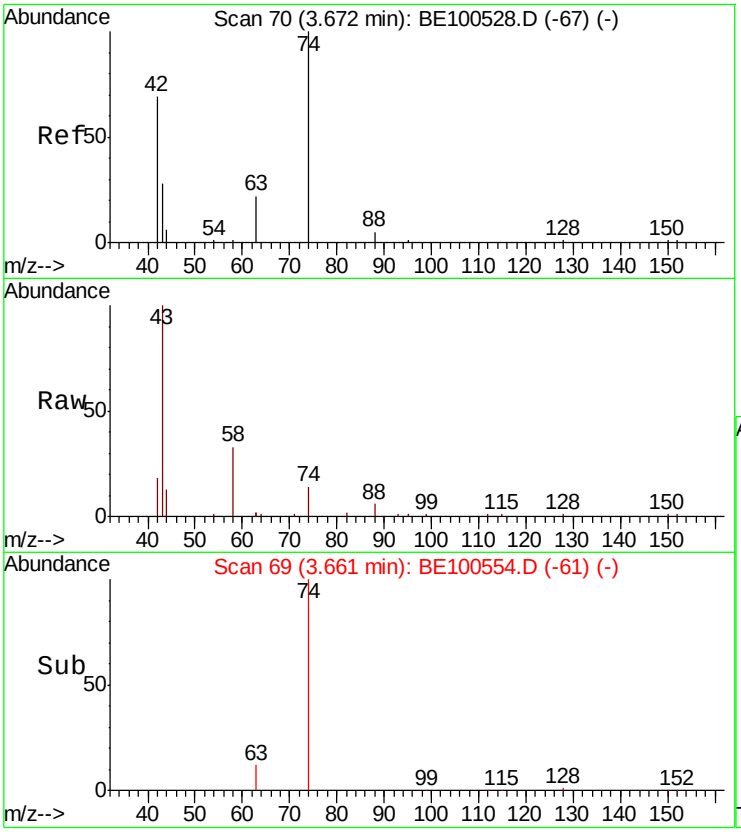


#2
1,4-Dioxane
Concen: 0.243 ng
RT: 3.35 min Scan# 42
Delta R.T. 0.01 min
Lab File: BE100554.D
Acq: 25 Sep 2019 12:39

Tgt Ion: 88 Resp: 2851

Ion	Ratio	Lower	Upper
88	100		
58	89.8	53.3	79.9#
43	0.0	16.9	25.3#



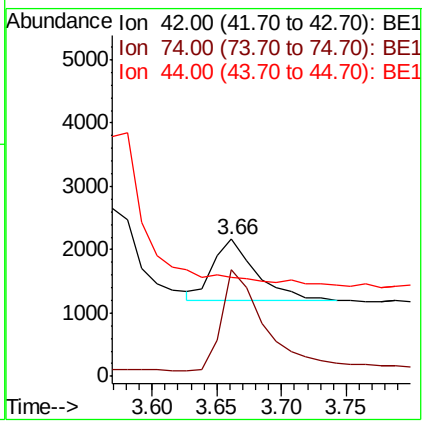


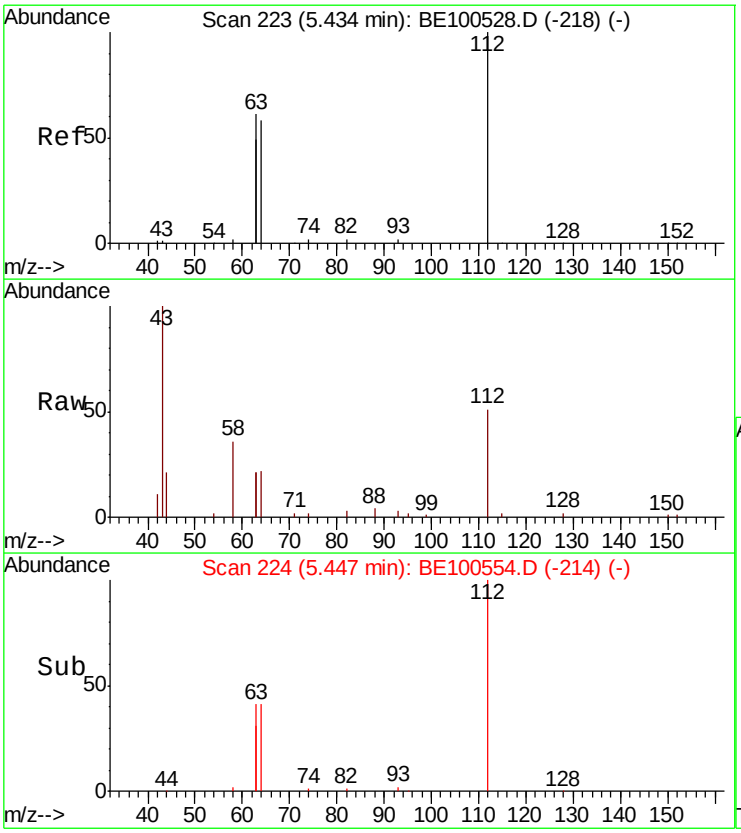
#3
n-Nitrosodimethylamine
Concen: 0.324 ng
RT: 3.66 min Scan# 69
Delta R.T. -0.01 min
Lab File: BE100554.D
Acq: 25 Sep 2019 12:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 2229

Ion	Ratio	Lower	Upper
42	100		
74	173.0	133.8	200.6
44	0.0	6.4	9.6#

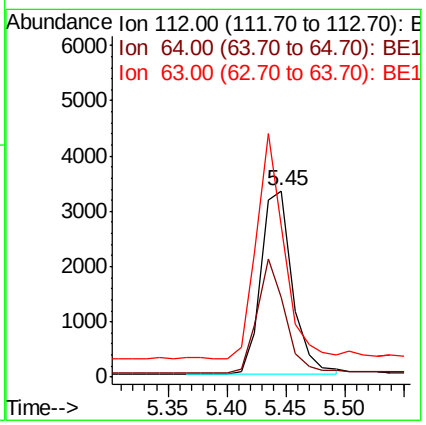


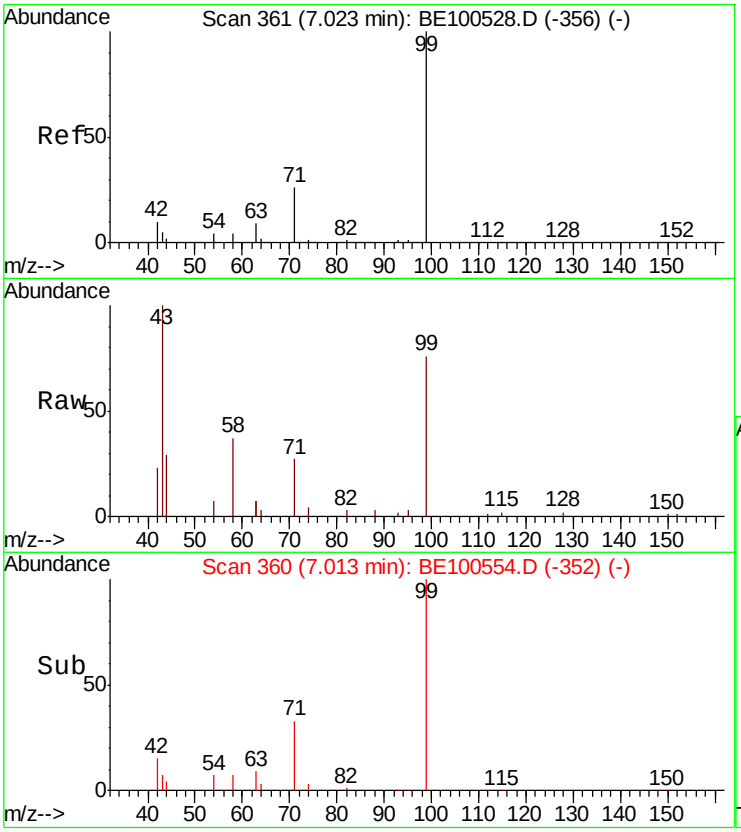


#4
2-Fluorophenol
Concen: 0.324 ng
RT: 5.45 min Scan# 224
Delta R.T. 0.01 min
Lab File: BE100554.D
Acq: 25 Sep 2019 12:39

Tgt Ion:112 Resp: 6176

Ion	Ratio	Lower	Upper
112	100		
64	55.6	44.1	66.1
63	108.0	86.5	129.7



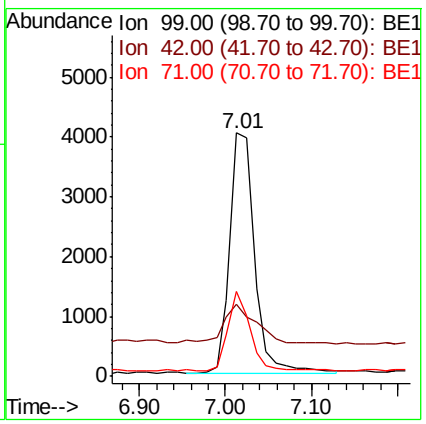


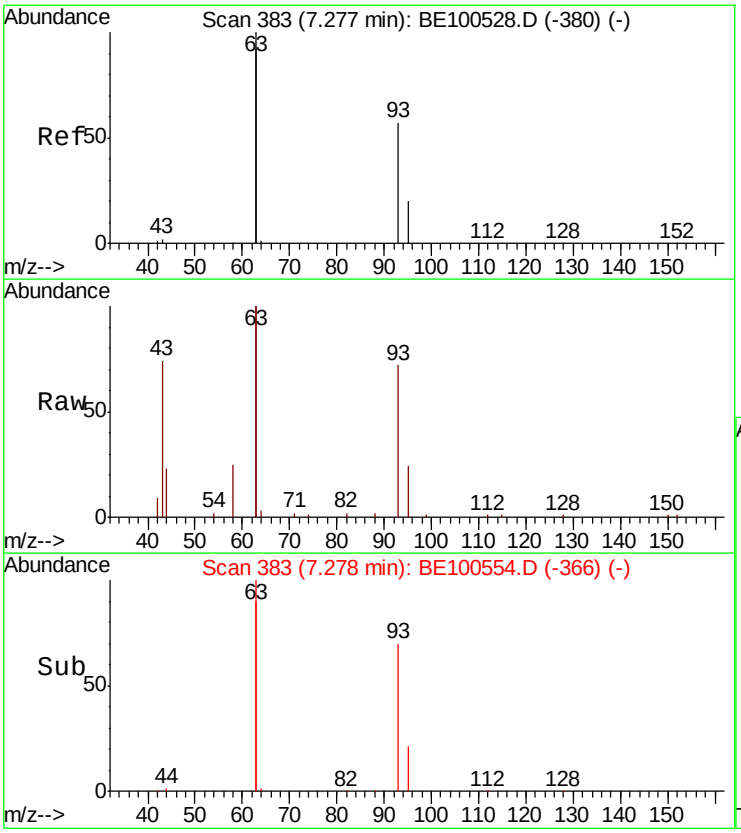
#5
Phenol-d6
Concen: 0.308 ng
RT: 7.01 min Scan# 360
Delta R.T. -0.01 min
Lab File: BE100554.D
Acq: 25 Sep 2019 12:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 8028

Ion	Ratio	Lower	Upper
99	100		
42	23.4	13.0	19.6#
71	29.1	23.4	35.0

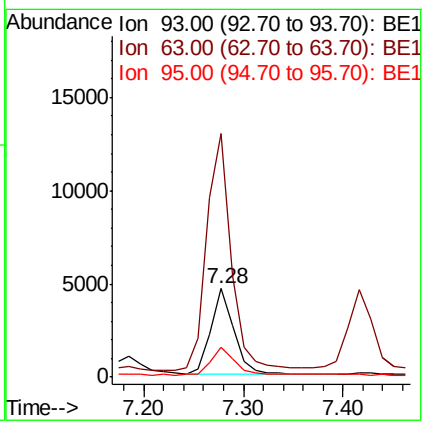


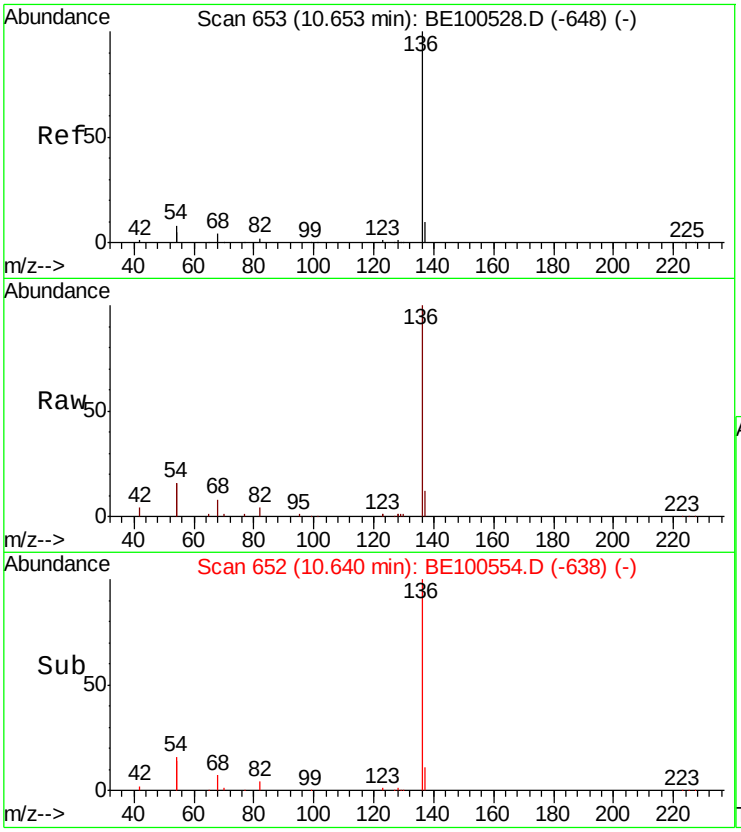


#6
bis(2-Chloroethyl)ether
Concen: 0.282 ng
RT: 7.28 min Scan# 383
Delta R.T. 0.00 min
Lab File: BE100554.D
Acq: 25 Sep 2019 12:39

Tgt Ion: 93 Resp: 7430

Ion	Ratio	Lower	Upper
93	100		
63	290.6	213.4	320.0
95	33.3	23.7	35.5



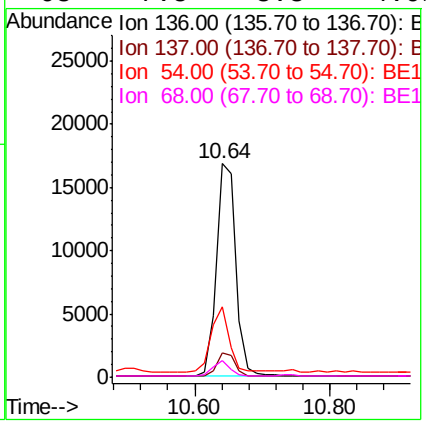


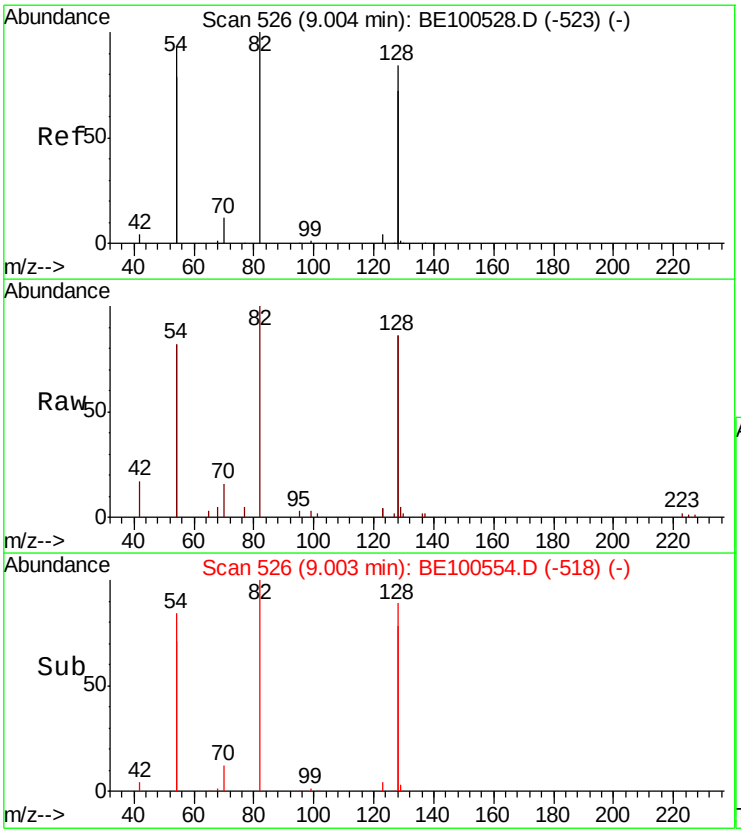
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.64 min Scan# 652
Delta R.T. -0.01 min
Lab File: BE100554.D
Acq: 25 Sep 2019 12:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 34049

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.6	13.0
54	32.8	12.4	18.6#
68	7.5	3.3	4.9#

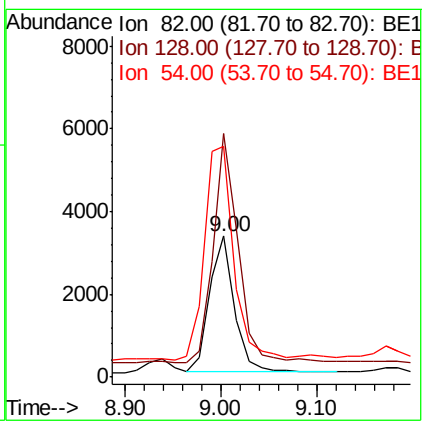


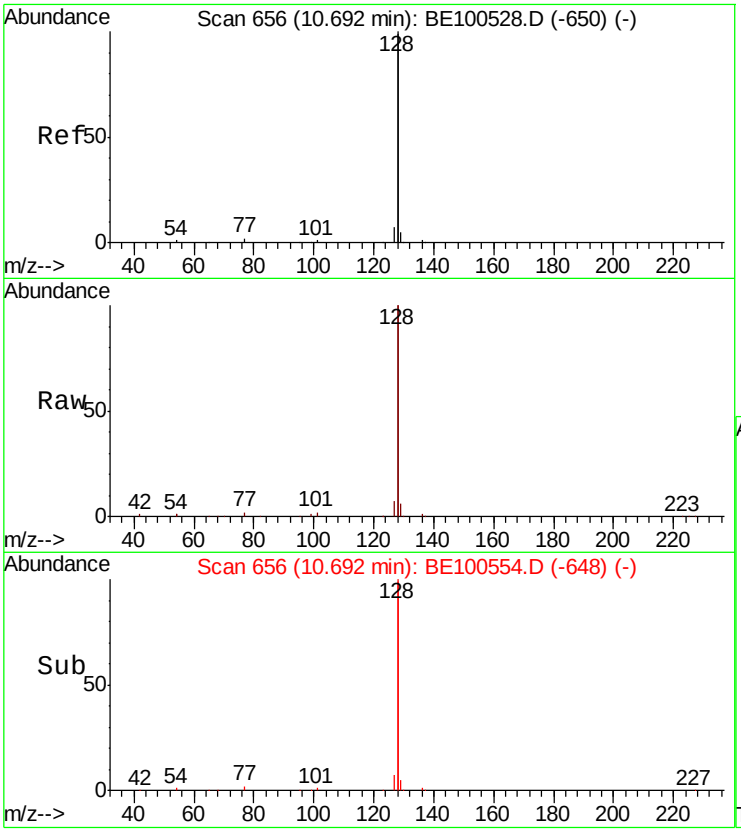


#8
Nitrobenzene-d5
Concen: 0.305 ng
RT: 9.00 min Scan# 526
Delta R.T. -0.00 min
Lab File: BE100554.D
Acq: 25 Sep 2019 12:39

Tgt Ion: 82 Resp: 5977

Ion	Ratio	Lower	Upper
82	100		
128	172.5	129.4	194.2
54	163.7	143.3	214.9



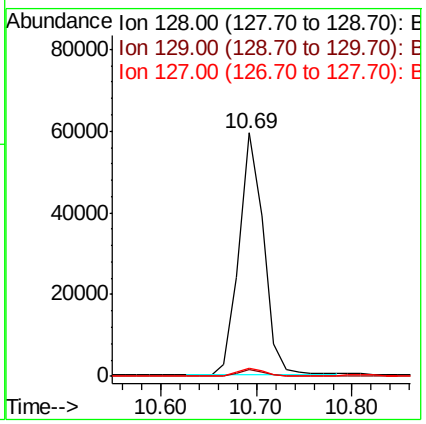


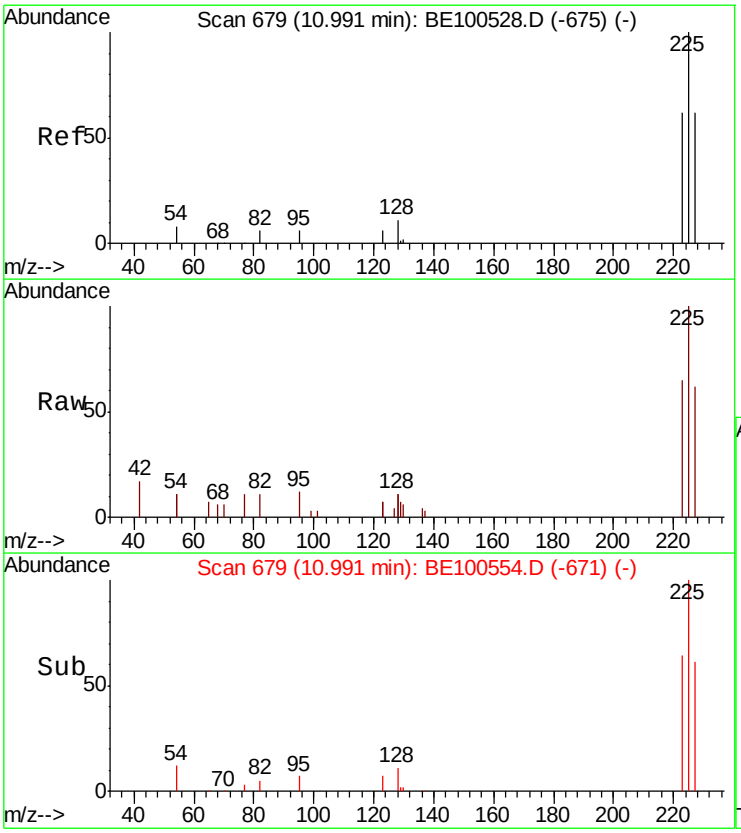
#9
Naphthalene
Concen: 0.298 ng
RT: 10.69 min Scan# 656
Delta R.T. -0.00 min
Lab File: BE100554.D
Acq: 25 Sep 2019 12:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 105254

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

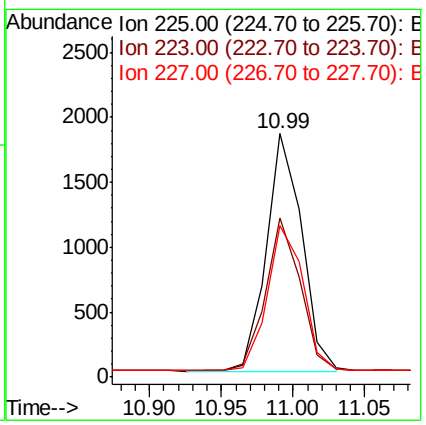


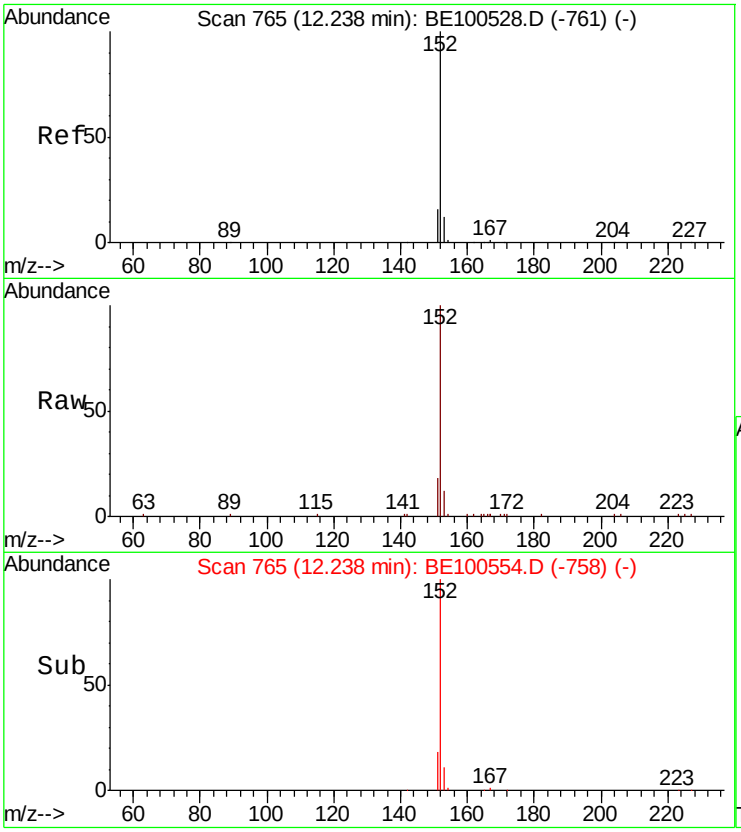


#10
Hexachlorobutadiene
Concen: 0.278 ng
RT: 10.99 min Scan# 679
Delta R.T. -0.00 min
Lab File: BE100554.D
Acq: 25 Sep 2019 12:39

Tgt Ion:225 Resp: 3135

Ion	Ratio	Lower	Upper
225	100		
223	62.9	49.7	74.5
227	62.7	51.4	77.2



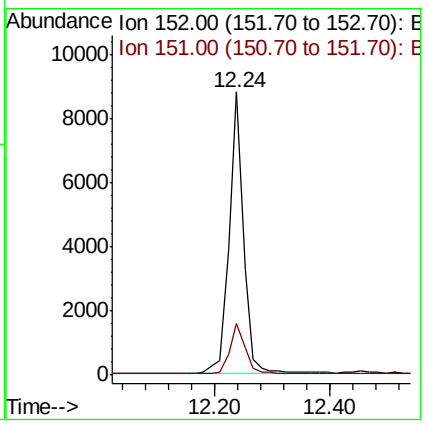


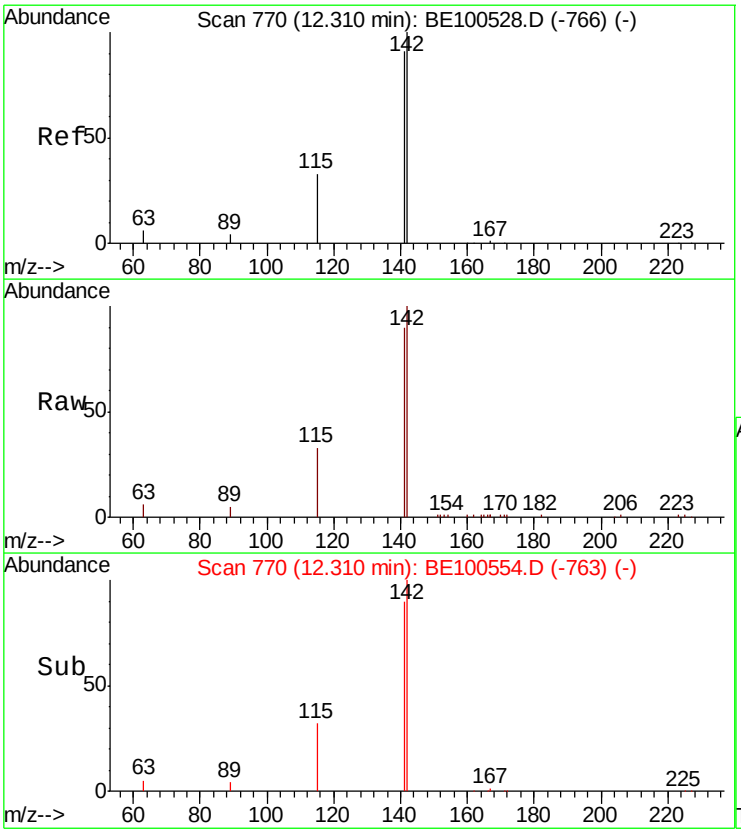
#11
2-Methylnaphthalene-d10
Concen: 0.297 ng
RT: 12.24 min Scan# 765
Delta R.T. -0.00 min
Lab File: BE100554.D
Acq: 25 Sep 2019 12:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 15134

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.3	22.9

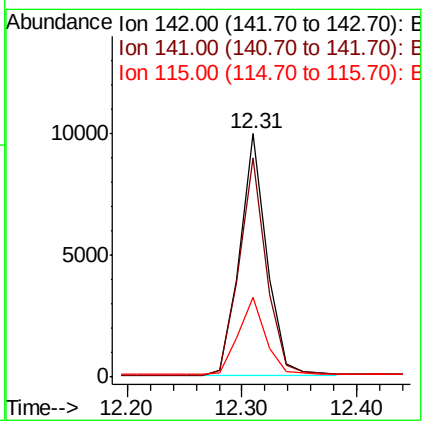


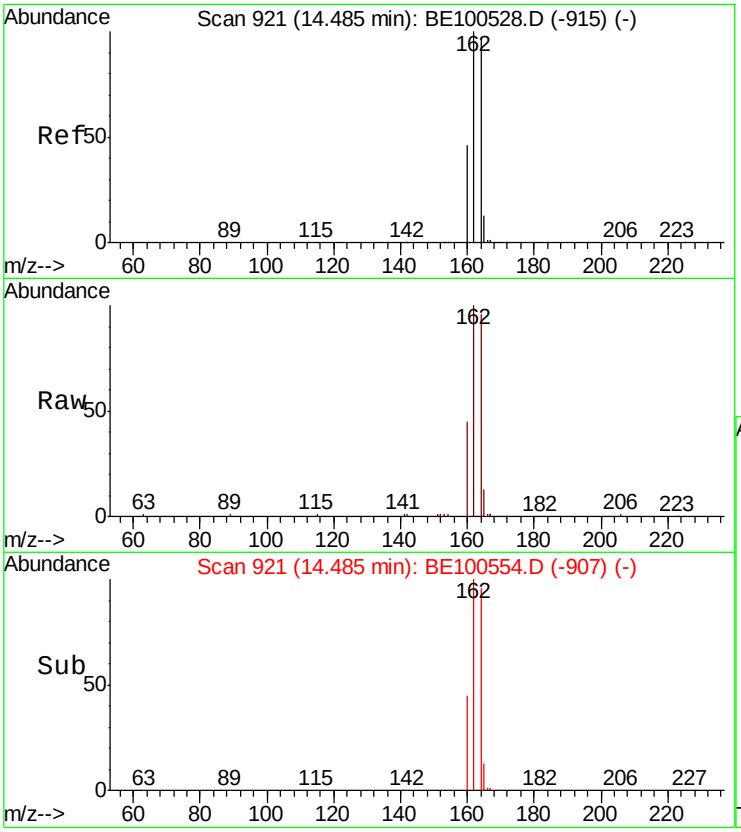


#12
2-Methylnaphthalene
Concen: 0.287 ng
RT: 12.31 min Scan# 770
Delta R.T. -0.00 min
Lab File: BE100554.D
Acq: 25 Sep 2019 12:39

Tgt Ion:142 Resp: 16144

Ion	Ratio	Lower	Upper
142	100		
141	89.9	72.5	108.7
115	32.9	27.2	40.8



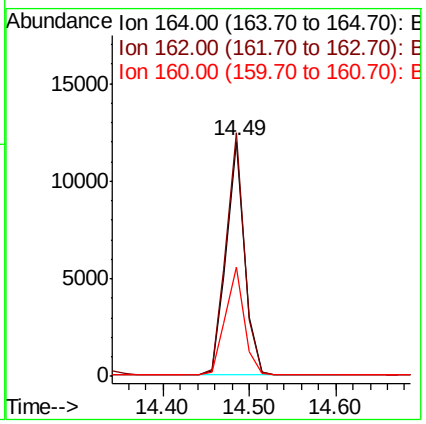


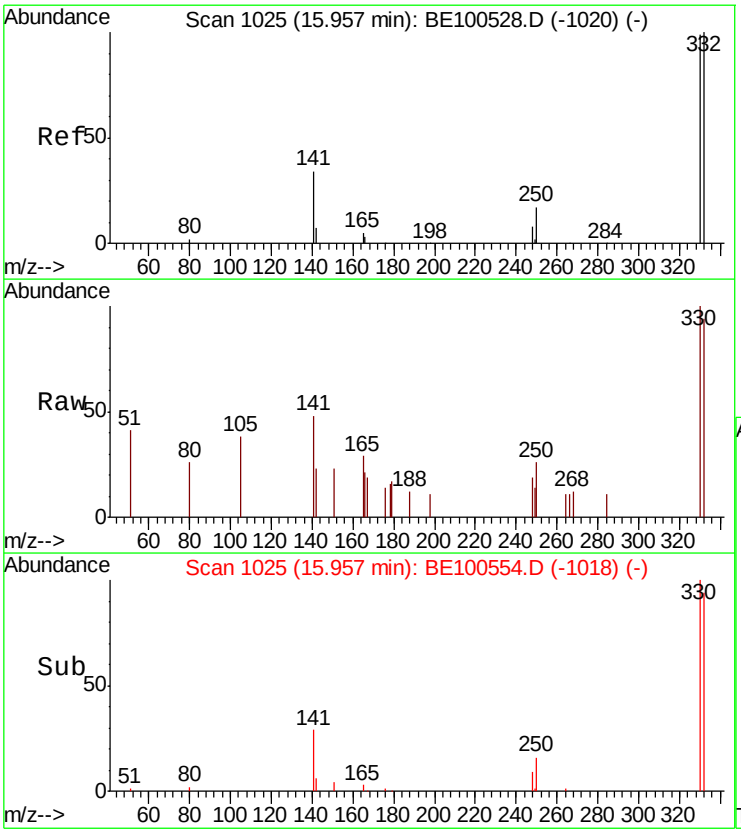
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. -0.00 min
Lab File: BE100554.D
Acq: 25 Sep 2019 12:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 17684

Ion	Ratio	Lower	Upper
164	100		
162	103.8	82.1	123.1
160	46.5	37.6	56.4

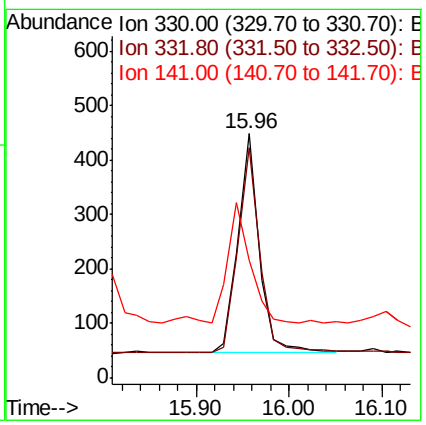


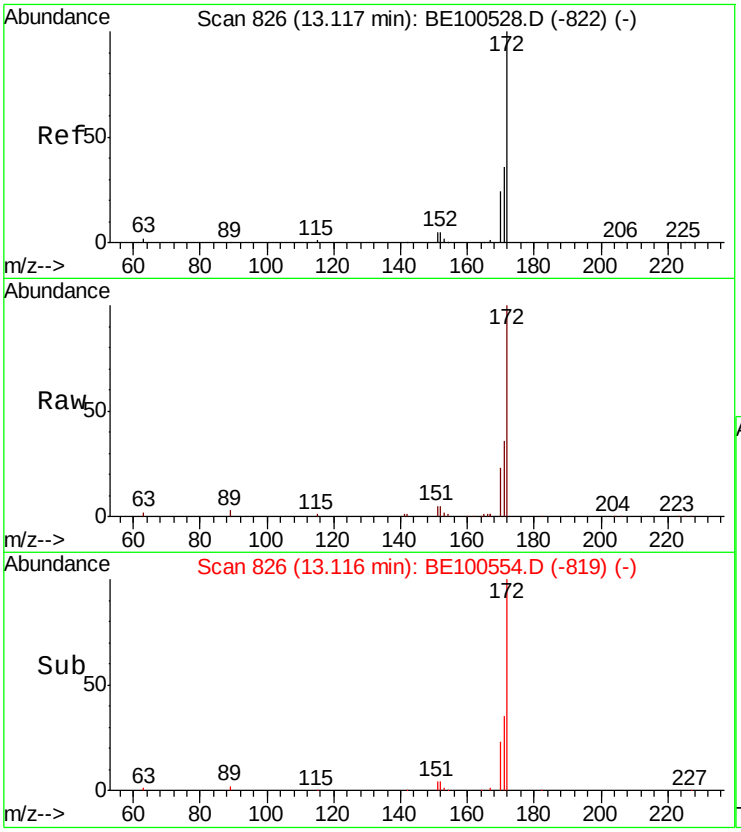


#14
2,4,6-Tribromophenol
Concen: 0.220 ng
RT: 15.96 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BE100554.D
Acq: 25 Sep 2019 12:39

Tgt Ion:330 Resp: 629

Ion	Ratio	Lower	Upper
330	100		
332	98.1	75.5	113.3
141	58.7	42.3	63.5



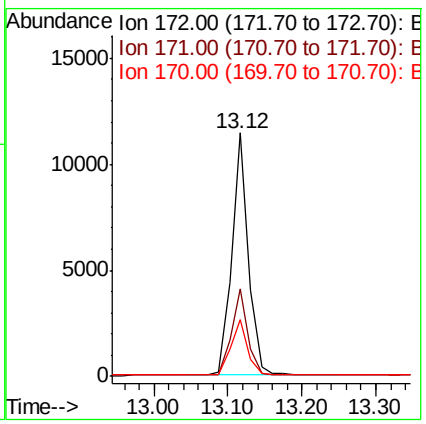


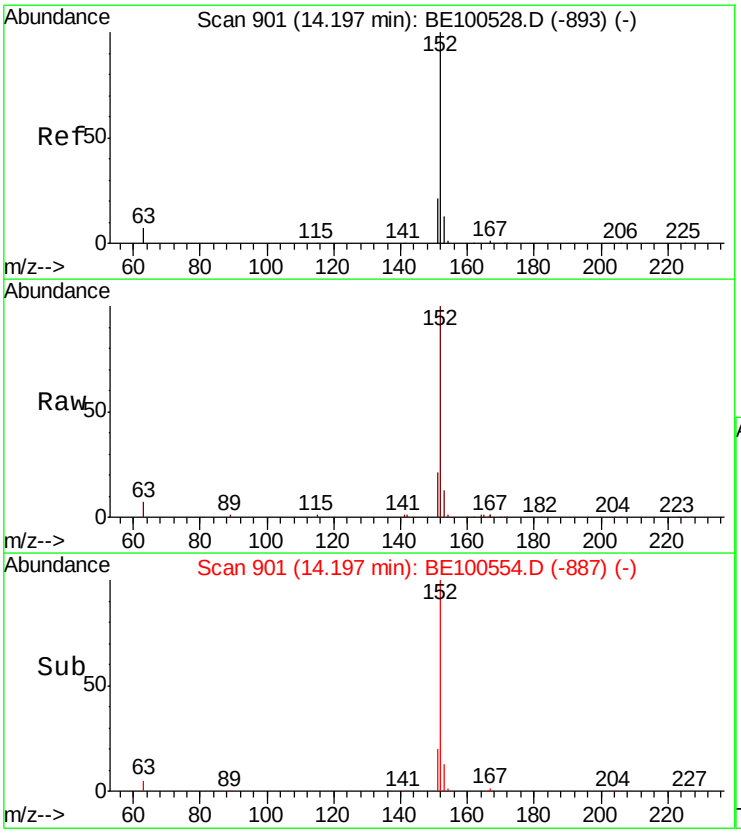
#15
2-Fluorobiphenyl
Concen: 0.284 ng
RT: 13.12 min Scan# 826
Delta R.T. -0.00 min
Lab File: BE100554.D
Acq: 25 Sep 2019 12:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 17904

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.8	43.2
170	23.5	19.4	29.0

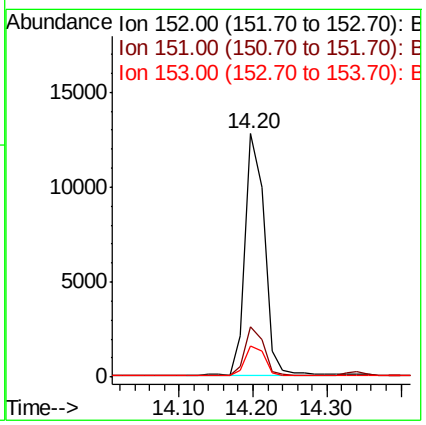


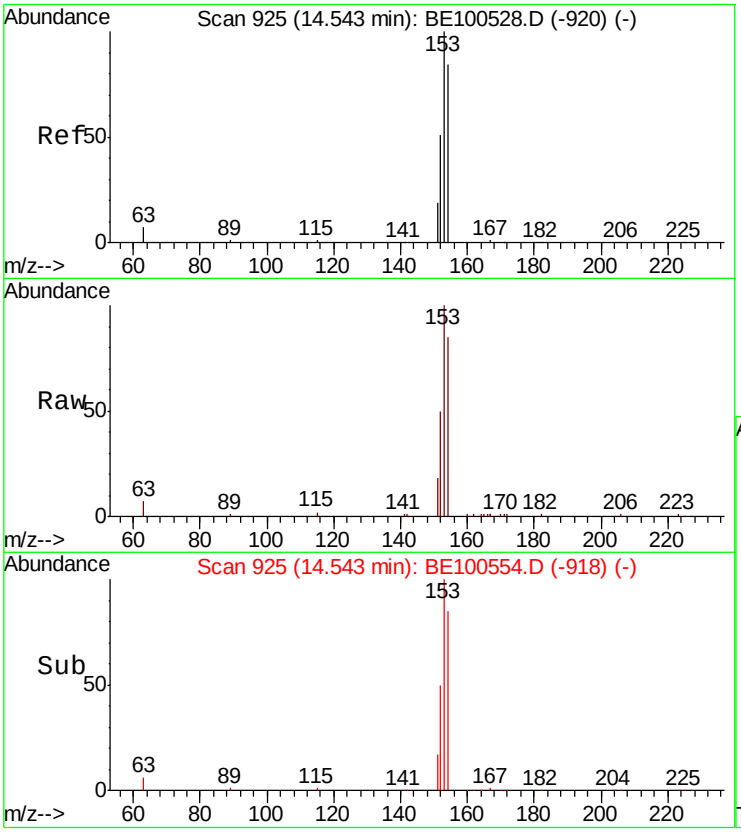


#16
Acenaphthylene
Concen: 0.321 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE100554.D
Acq: 25 Sep 2019 12:39

Tgt Ion:152 Resp: 23367

Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.9	23.9
153	12.7	10.7	16.1



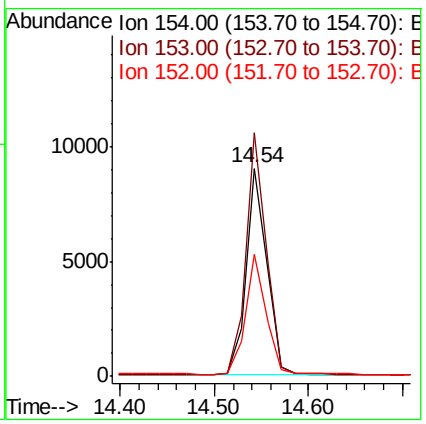


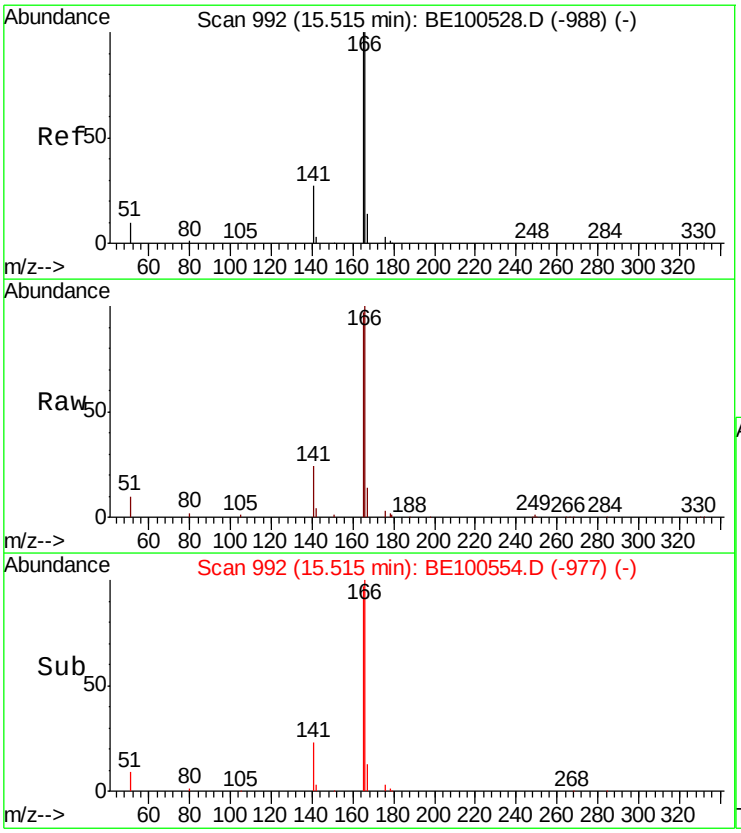
#17
Acenaphthene
Concen: 0.278 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE100554.D
Acq: 25 Sep 2019 12:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 13663

Ion	Ratio	Lower	Upper
154	100		
153	116.4	93.7	140.5
152	58.3	47.3	70.9

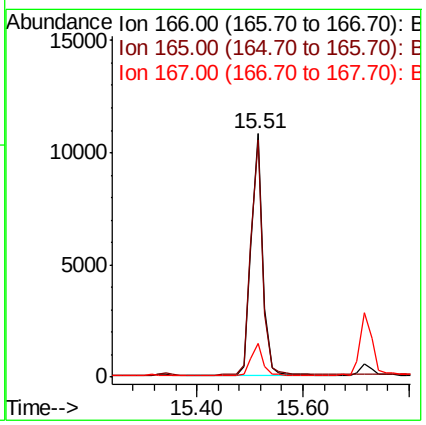


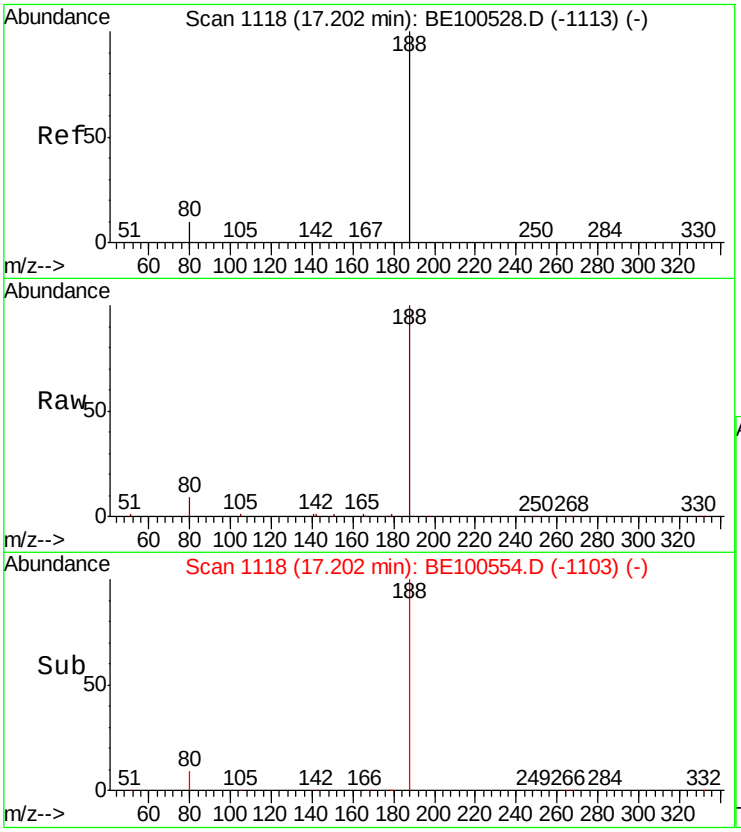


#18
Fluorene
Concen: 0.268 ng
RT: 15.51 min Scan# 992
Delta R.T. -0.00 min
Lab File: BE100554.D
Acq: 25 Sep 2019 12:39

Tgt Ion:166 Resp: 16511

Ion	Ratio	Lower	Upper
166	100		
165	99.6	80.1	120.1
167	13.7	10.9	16.3



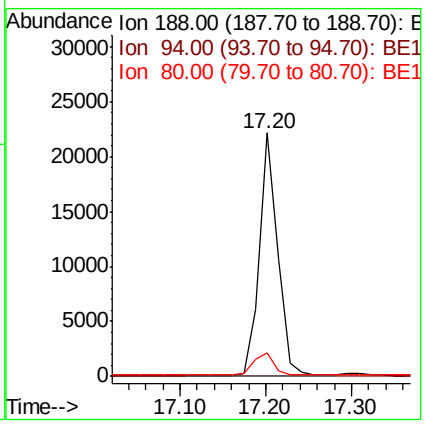


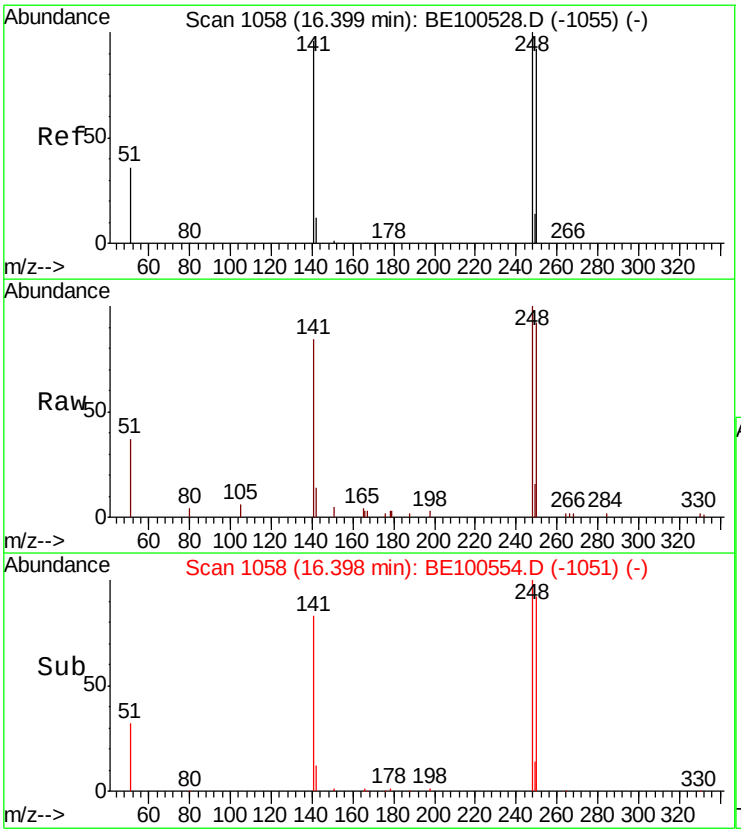
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.20 min Scan# 1118
Delta R.T. -0.00 min
Lab File: BE100554.D
Acq: 25 Sep 2019 12:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 32704

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.4	8.0	12.0

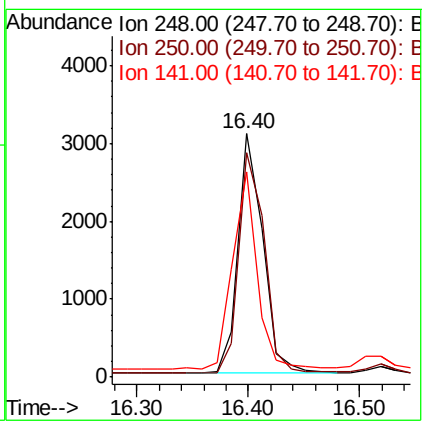


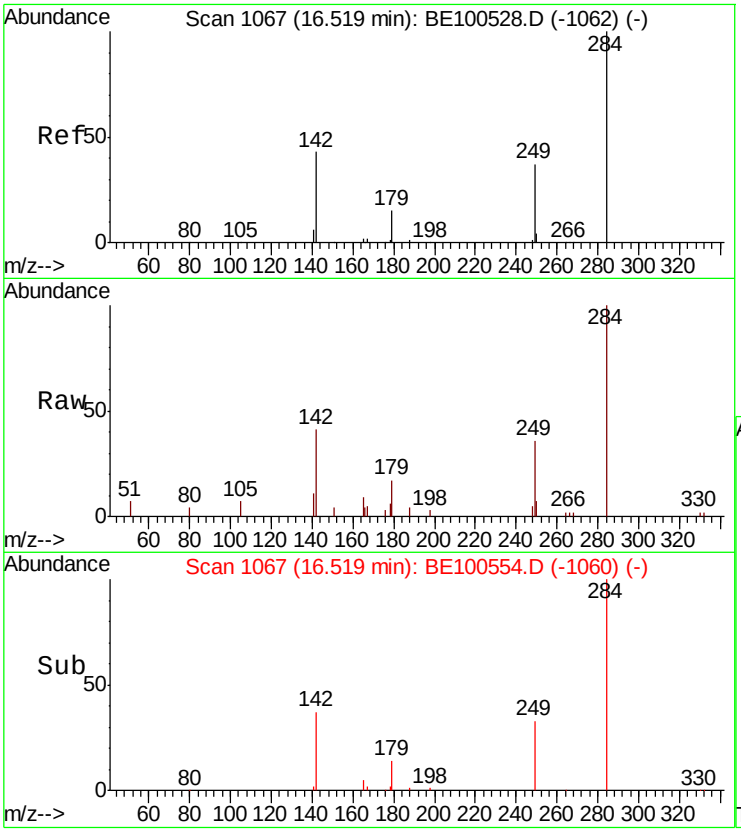


#20
4-Bromophenyl-phenylether
Concen: 0.309 ng
RT: 16.40 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BE100554.D
Acq: 25 Sep 2019 12:39

Tgt Ion:248 Resp: 4755

Ion	Ratio	Lower	Upper
248	100		
250	92.1	73.5	110.3
141	84.5	77.0	115.4



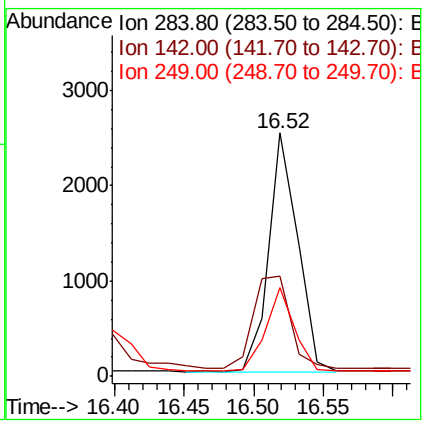


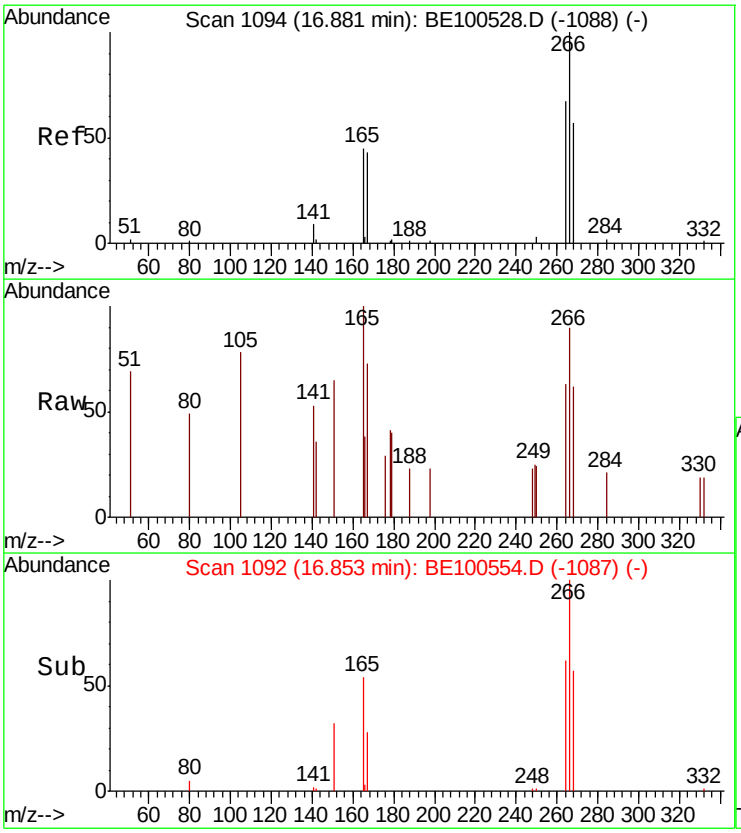
#21
Hexachlorobenzene
Concen: 0.272 ng
RT: 16.52 min Scan# 1067
Delta R.T. -0.00 min
Lab File: BE100554.D
Acq: 25 Sep 2019 12:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 3639

Ion	Ratio	Lower	Upper
284	100		
142	48.8	39.0	58.6
249	34.2	28.2	42.2

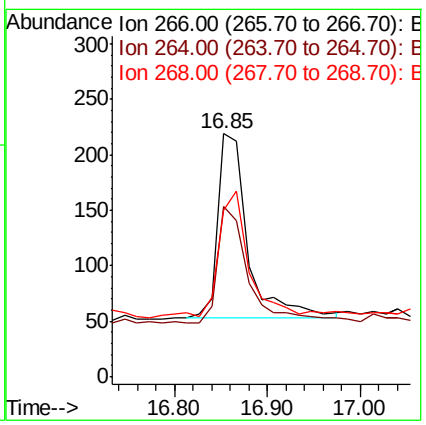


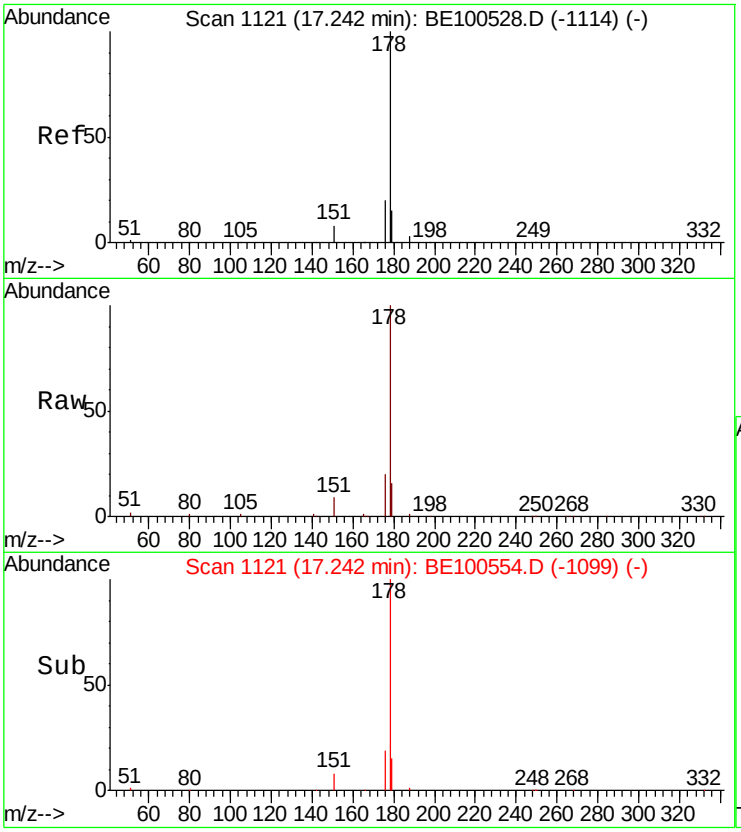


#22
Pentachlorophenol
Concen: 0.293 ng
RT: 16.85 min Scan# 1092
Delta R.T. -0.03 min
Lab File: BE100554.D
Acq: 25 Sep 2019 12:39

Tgt Ion:266 Resp: 374

Ion	Ratio	Lower	Upper
266	100		
264	69.9	57.6	86.4
268	68.5	55.1	82.7



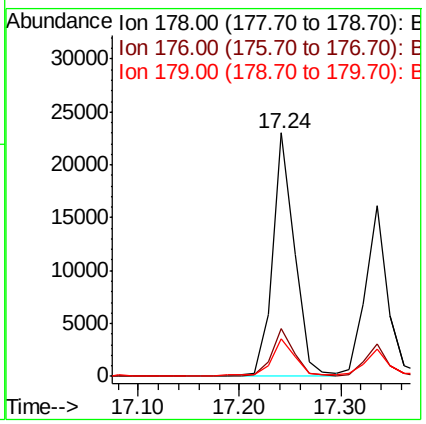


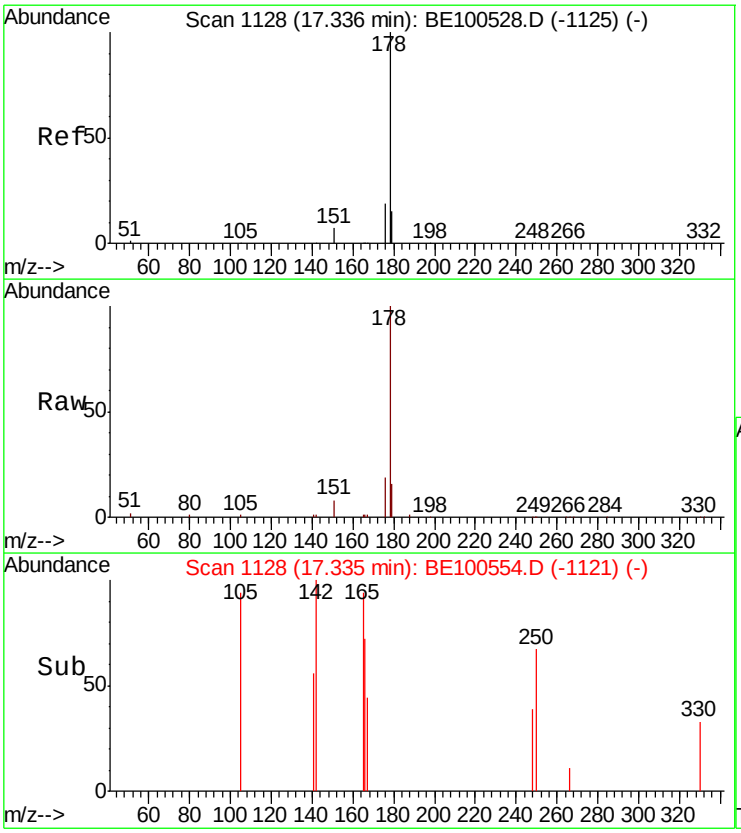
#23
Phenanthrene
Concen: 0.372 ng
RT: 17.24 min Scan# 1121
Delta R.T. -0.00 min
Lab File: BE100554.D
Acq: 25 Sep 2019 12:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 33890

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	15.5	12.6	18.8

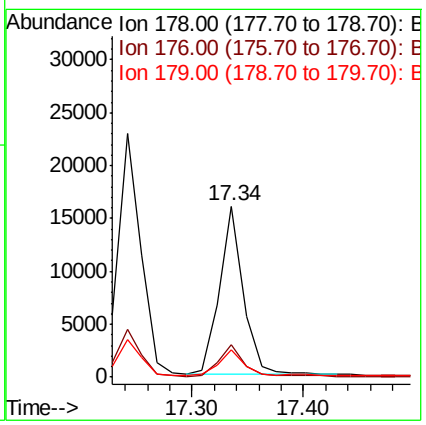


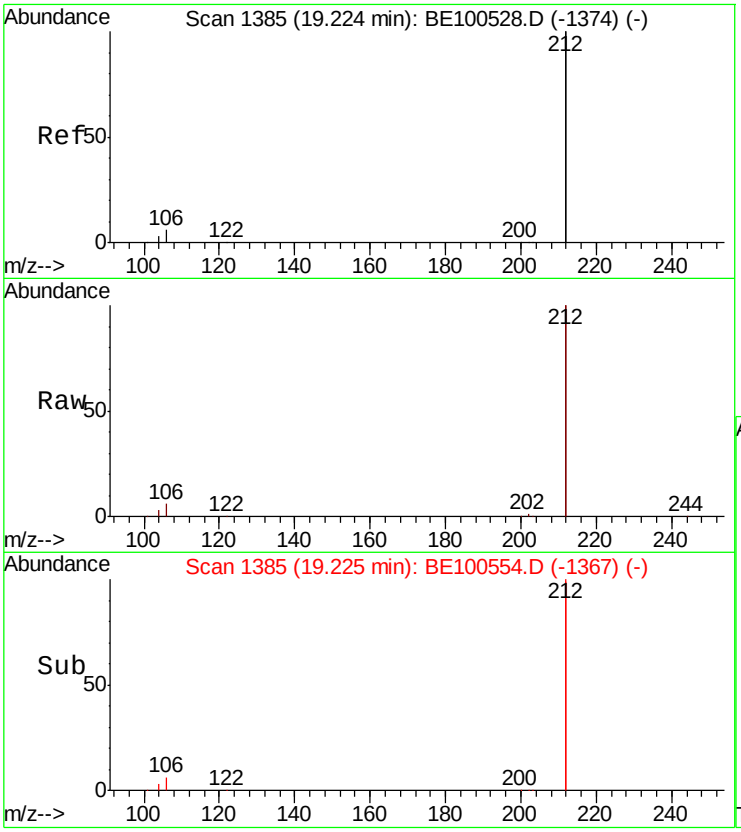


#24
Anthracene
Concen: 0.309 ng
RT: 17.34 min Scan# 1128
Delta R.T. -0.00 min
Lab File: BE100554.D
Acq: 25 Sep 2019 12:39

Tgt Ion:178 Resp: 23725

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.2	22.8
179	15.2	12.2	18.4



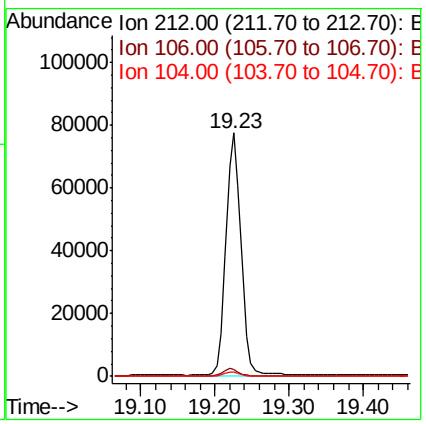


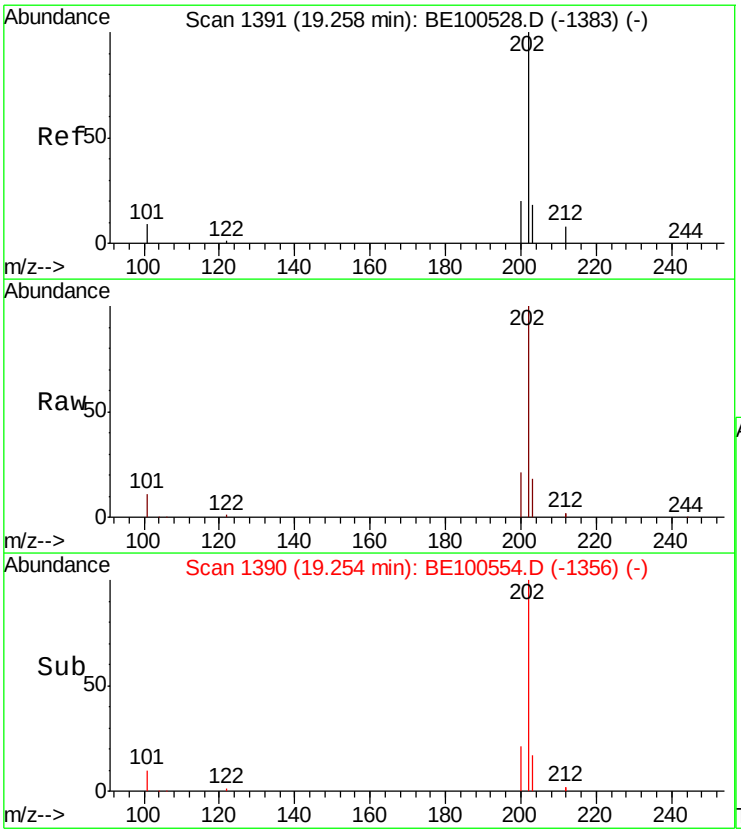
#25
Fluoranthene-d10
Concen: 0.281 ng
RT: 19.23 min Scan# 1385
Delta R.T. 0.00 min
Lab File: BE100554.D
Acq: 25 Sep 2019 12:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 109143

Ion	Ratio	Lower	Upper
212	100		
106	3.0	2.3	3.5
104	1.7	1.3	1.9

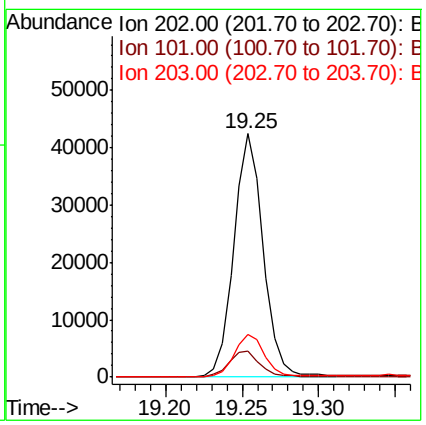


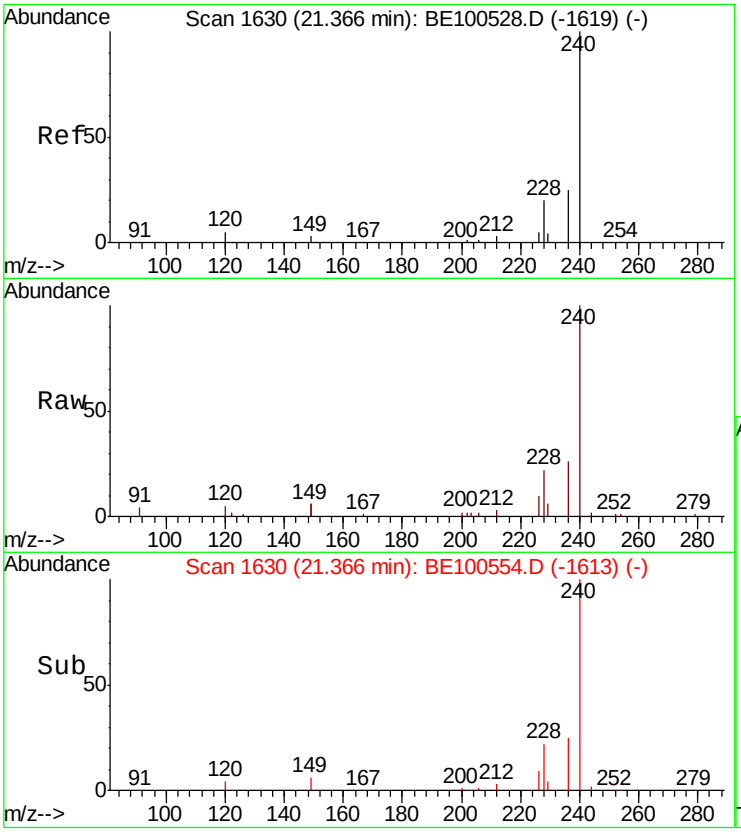


#26
Fluoranthene
Concen: 0.513 ng
RT: 19.25 min Scan# 1390
Delta R.T. -0.00 min
Lab File: BE100554.D
Acq: 25 Sep 2019 12:39

Tgt Ion:202 Resp: 56335

Ion	Ratio	Lower	Upper
202	100		
101	10.9	8.8	13.2
203	17.3	13.7	20.5



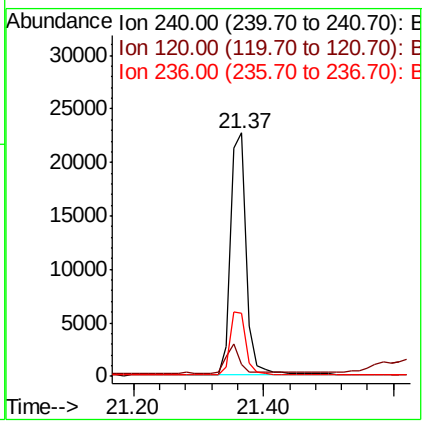


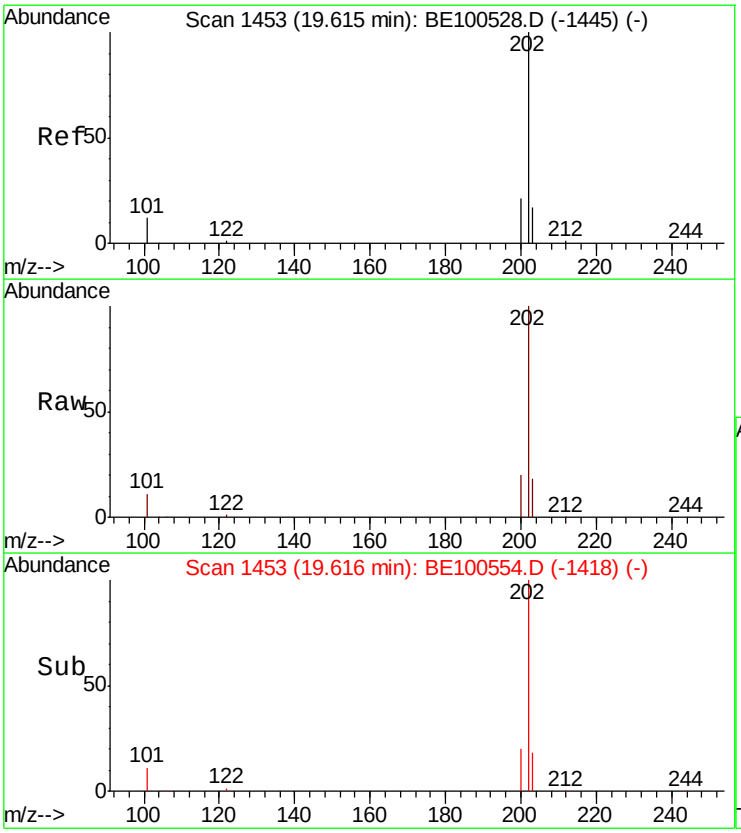
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. 0.00 min
Lab File: BE100554.D
Acq: 25 Sep 2019 12:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 39380

Ion	Ratio	Lower	Upper
240	100		
120	5.1	4.5	6.7
236	25.9	20.6	30.8

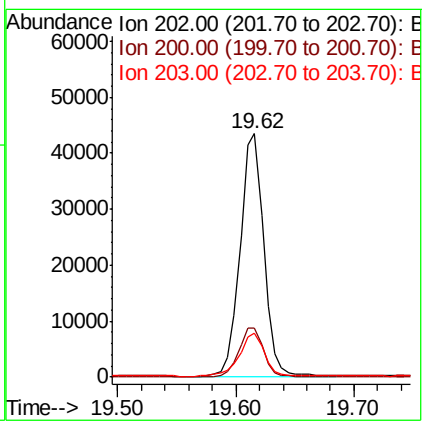


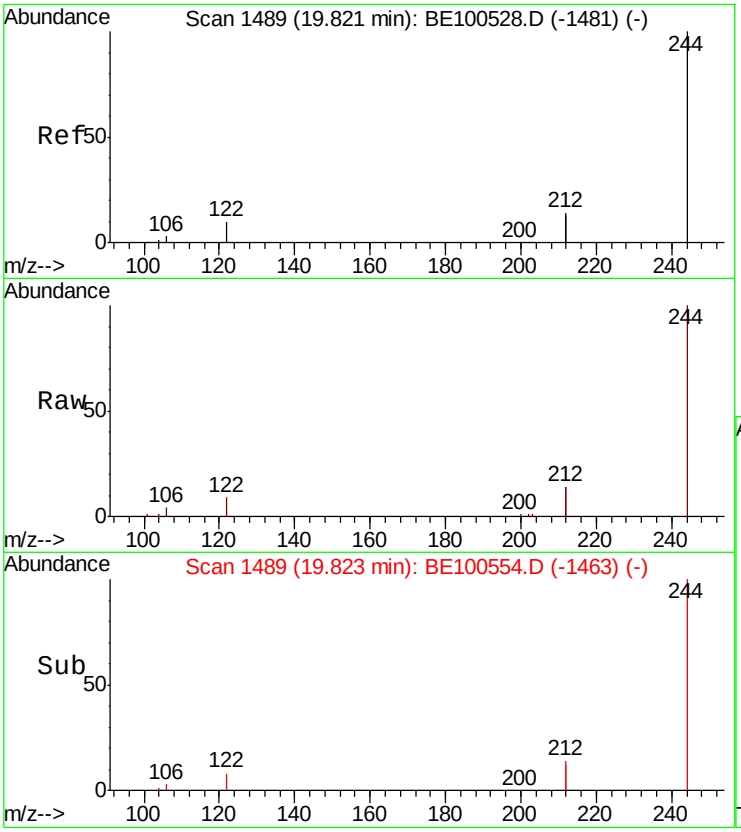


#28
Pyrene
Concen: 0.532 ng
RT: 19.62 min Scan# 1453
Delta R.T. 0.00 min
Lab File: BE100554.D
Acq: 25 Sep 2019 12:39

Tgt Ion:202 Resp: 60243

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	25.0
203	18.9	14.0	21.0



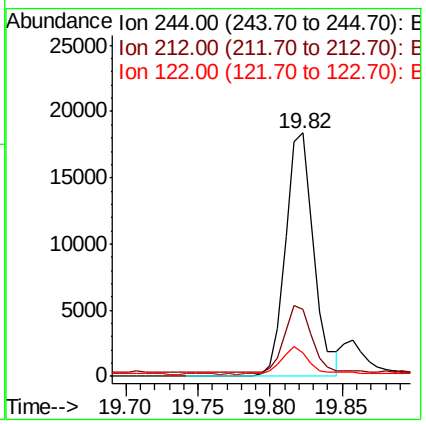


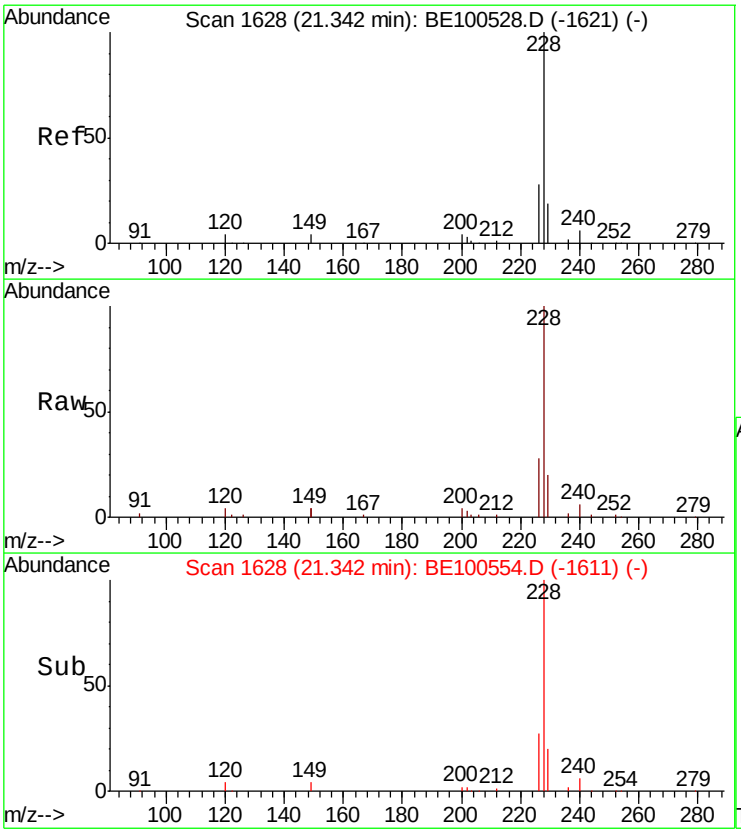
#29
Terphenyl-d14
Concen: 0.264 ng
RT: 19.82 min Scan# 1489
Delta R.T. 0.00 min
Lab File: BE100554.D
Acq: 25 Sep 2019 12:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 24630

Ion	Ratio	Lower	Upper
244	100		
212	27.7	22.2	33.2
122	9.5	8.3	12.5

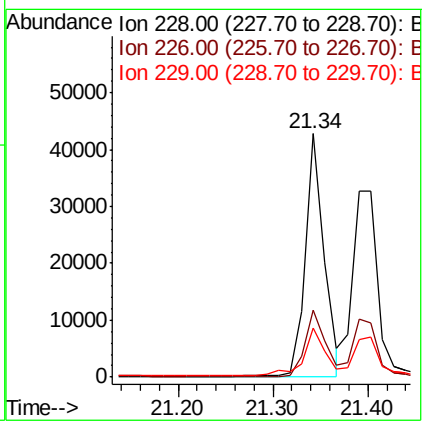


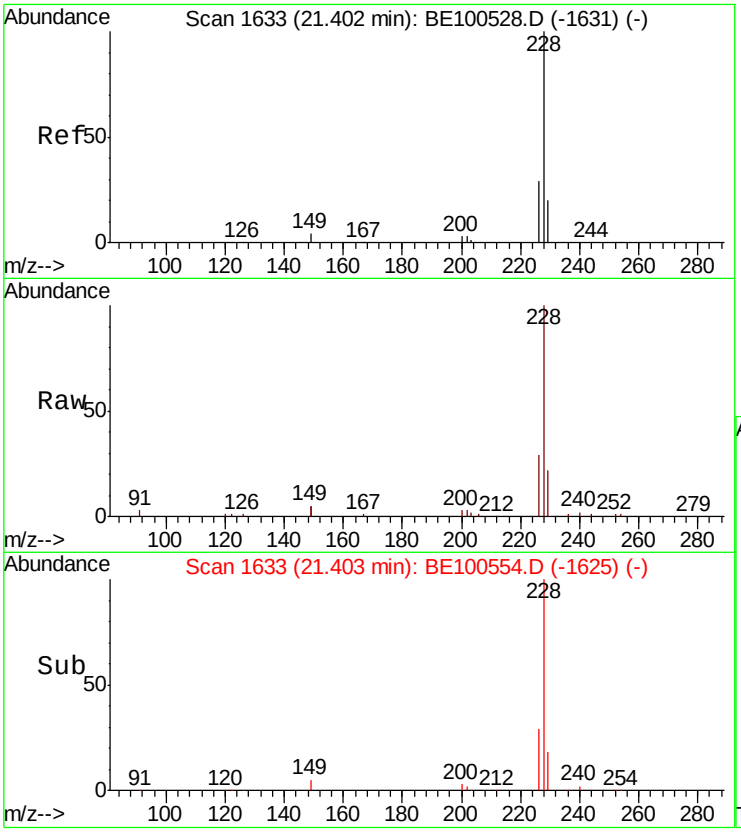


#30
Benzo(a)anthracene
Concen: 0.551 ng
RT: 21.34 min Scan# 1628
Delta R.T. 0.00 min
Lab File: BE100554.D
Acq: 25 Sep 2019 12:39

Tgt Ion:228 Resp: 57973

Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.5	33.7
229	20.4	15.4	23.2



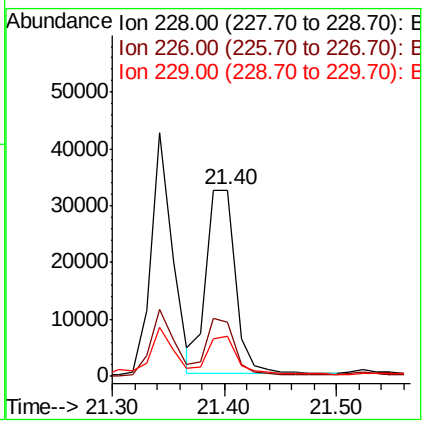


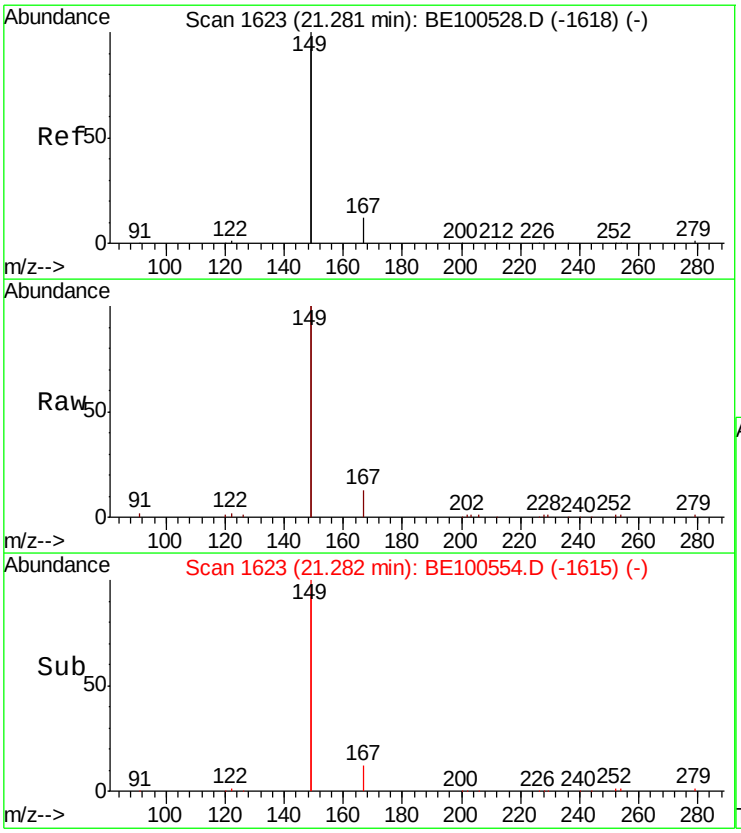
#31
Chrysene
Concen: 0.486 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BE100554.D
Acq: 25 Sep 2019 12:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 58296

Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.3	34.9
229	21.6	16.3	24.5

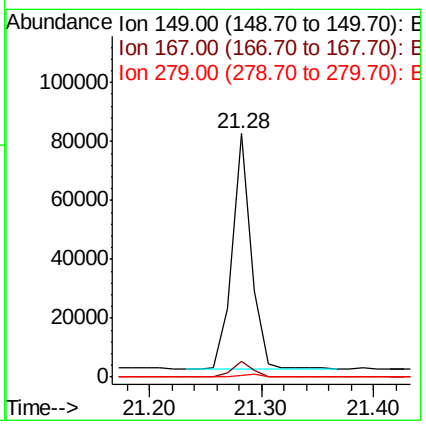


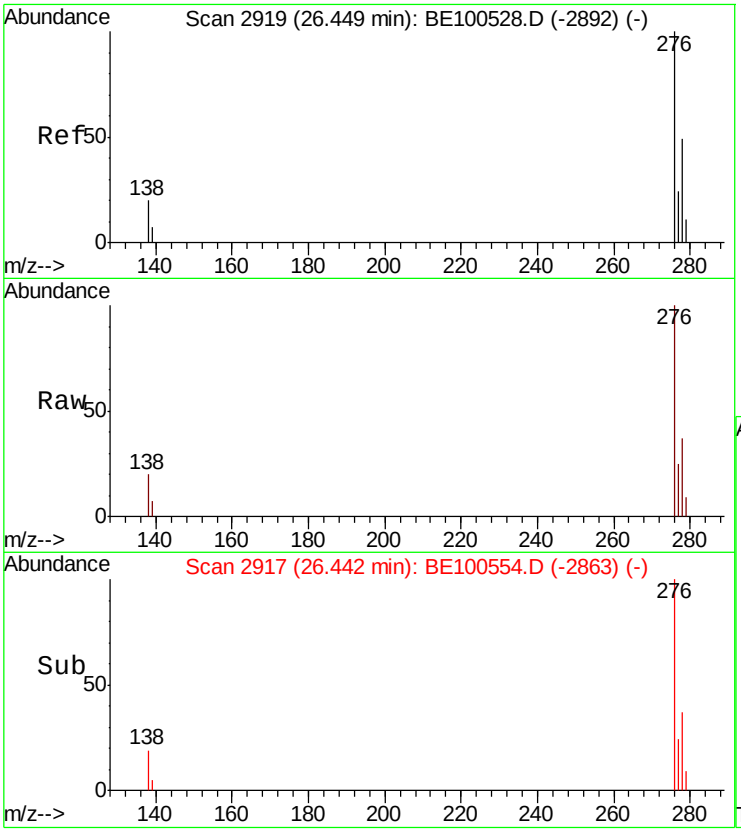


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.838 ng
RT: 21.28 min Scan# 1623
Delta R.T. 0.00 min
Lab File: BE100554.D
Acq: 25 Sep 2019 12:39

Tgt Ion:149 Resp: 95024

Ion	Ratio	Lower	Upper
149	100		
167	6.5	5.2	7.8
279	1.1	1.0	1.4



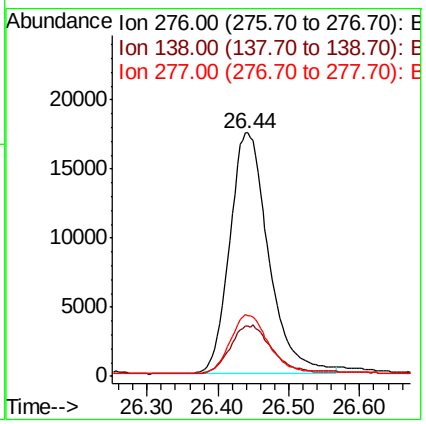


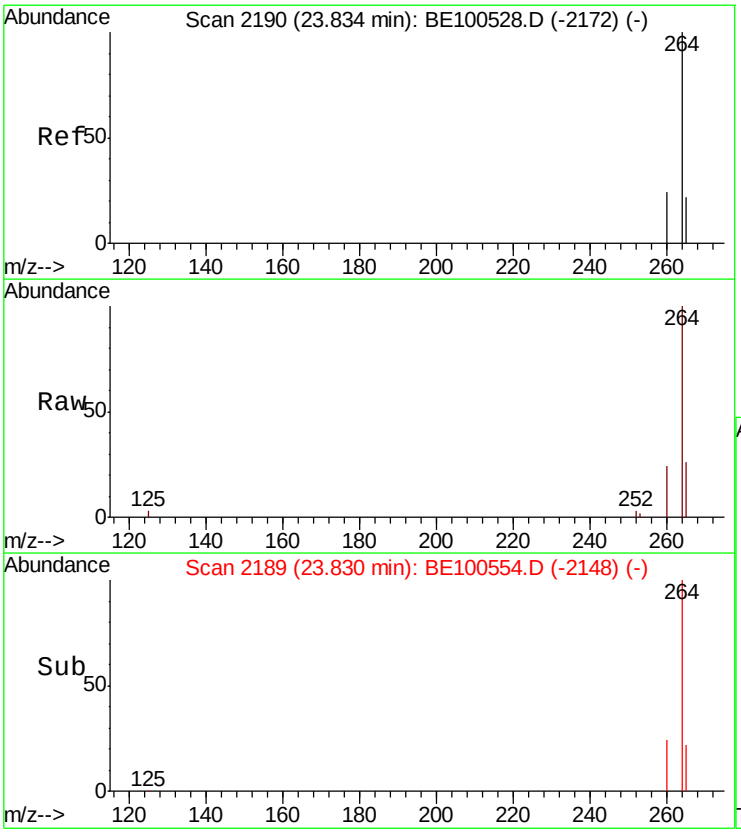
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.502 ng
RT: 26.44 min Scan# 2917
Delta R.T. -0.01 min
Lab File: BE100554.D
Acq: 25 Sep 2019 12:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 66822

Ion	Ratio	Lower	Upper
276	100		
138	21.4	17.7	26.5
277	23.9	19.9	29.9

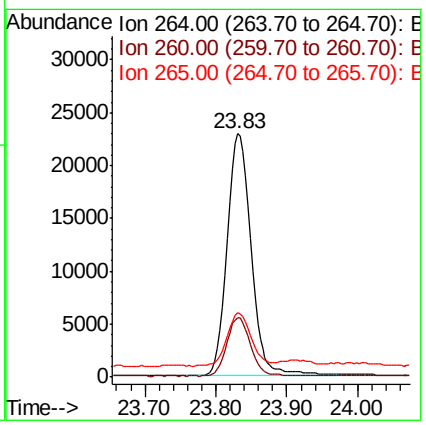


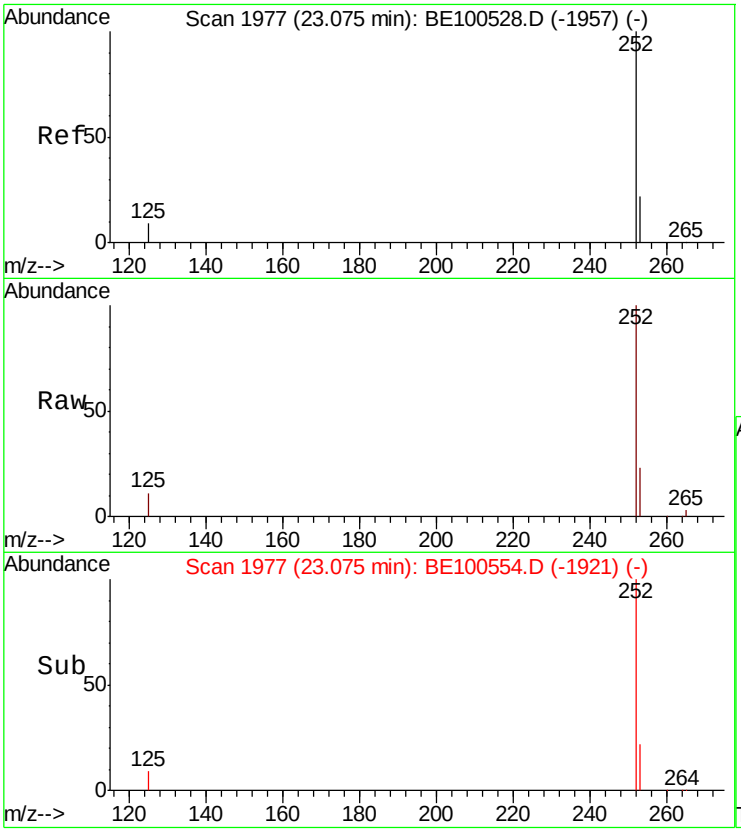


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.83 min Scan# 2189
Delta R.T. -0.00 min
Lab File: BE100554.D
Acq: 25 Sep 2019 12:39

Tgt Ion:264 Resp: 53969

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.6	29.4
265	26.5	21.8	32.8



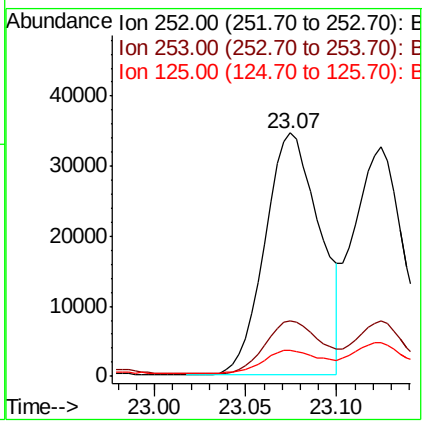


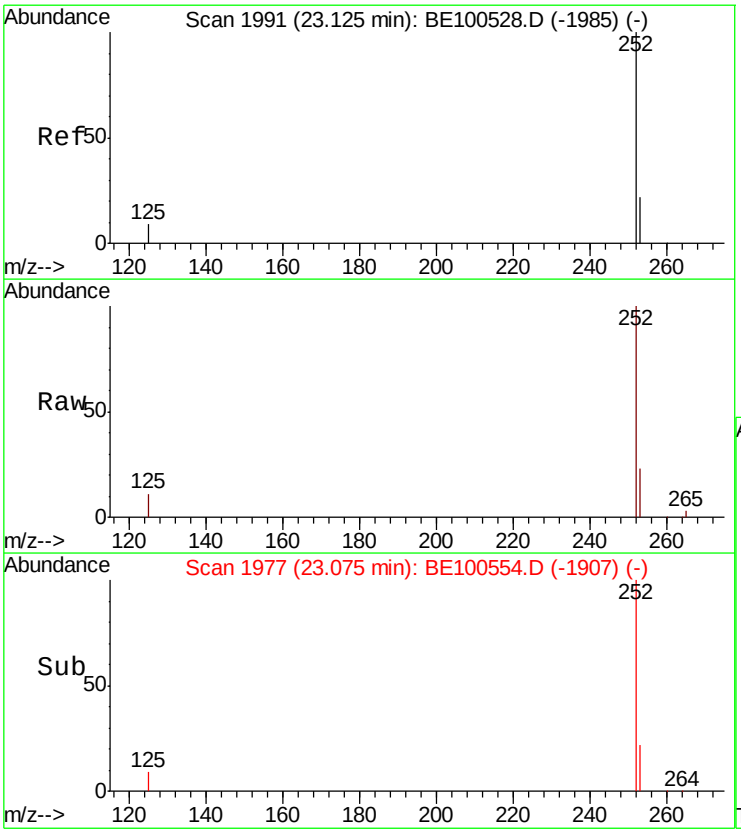
#35
Benzo(b)fluoranthene
Concen: 0.494 ng
RT: 23.07 min Scan# 1977
Delta R.T. -0.00 min
Lab File: BE100554.D
Acq: 25 Sep 2019 12:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 72124

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.1	27.1
125	10.8	8.0	12.0

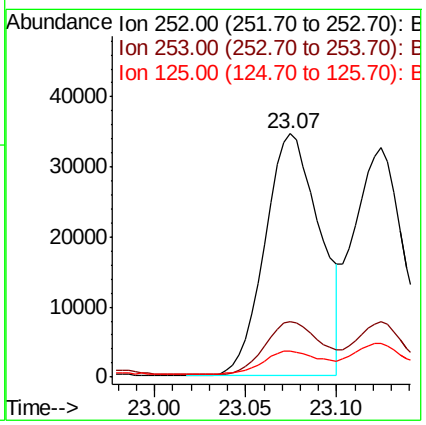


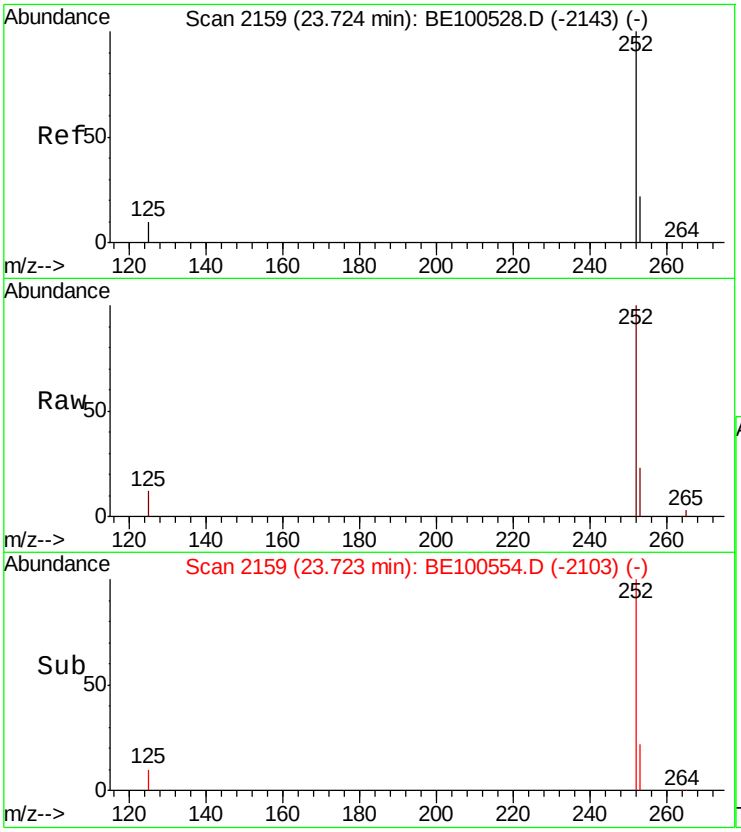


#36
Benzo(k)fluoranthene
Concen: 0.427 ng
RT: 23.07 min Scan# 1977
Delta R.T. -0.05 min
Lab File: BE100554.D
Acq: 25 Sep 2019 12:39

Tgt Ion:252 Resp: 72124

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.9	26.9
125	10.8	8.5	12.7



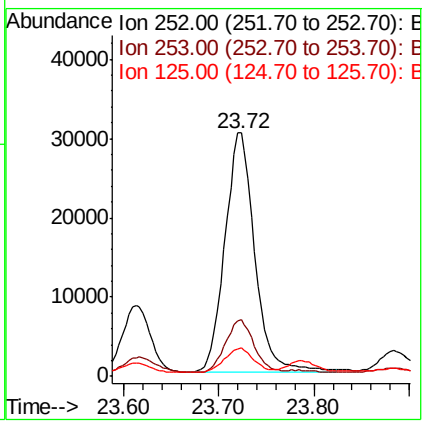


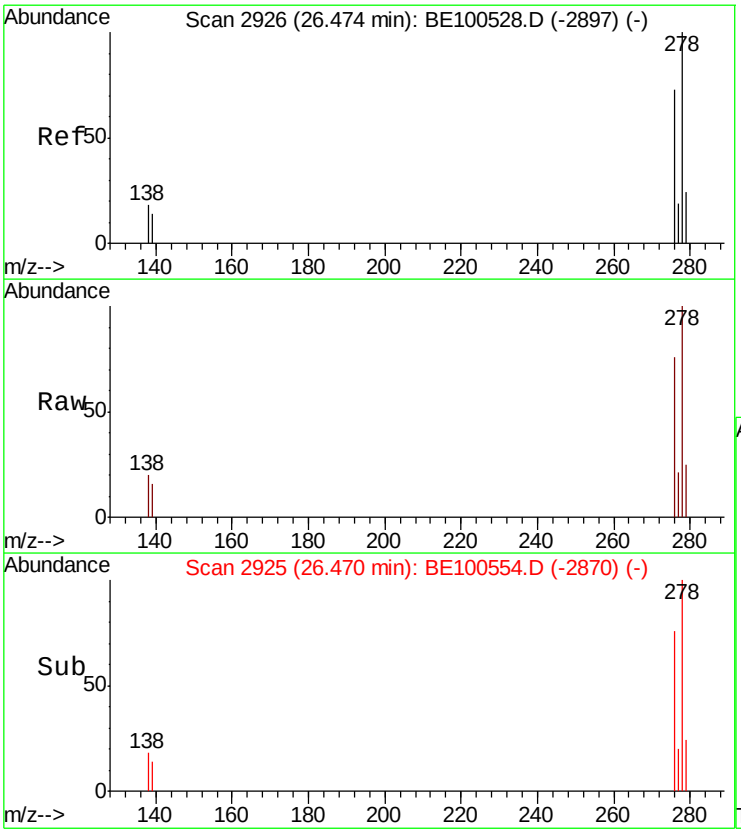
#37
Benzo(a)pyrene
Concen: 0.482 ng
RT: 23.72 min Scan# 2159
Delta R.T. -0.00 min
Lab File: BE100554.D
Acq: 25 Sep 2019 12:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 65688

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.1	27.1
125	11.6	9.2	13.8

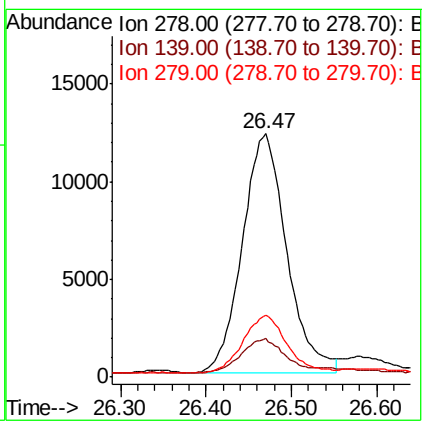


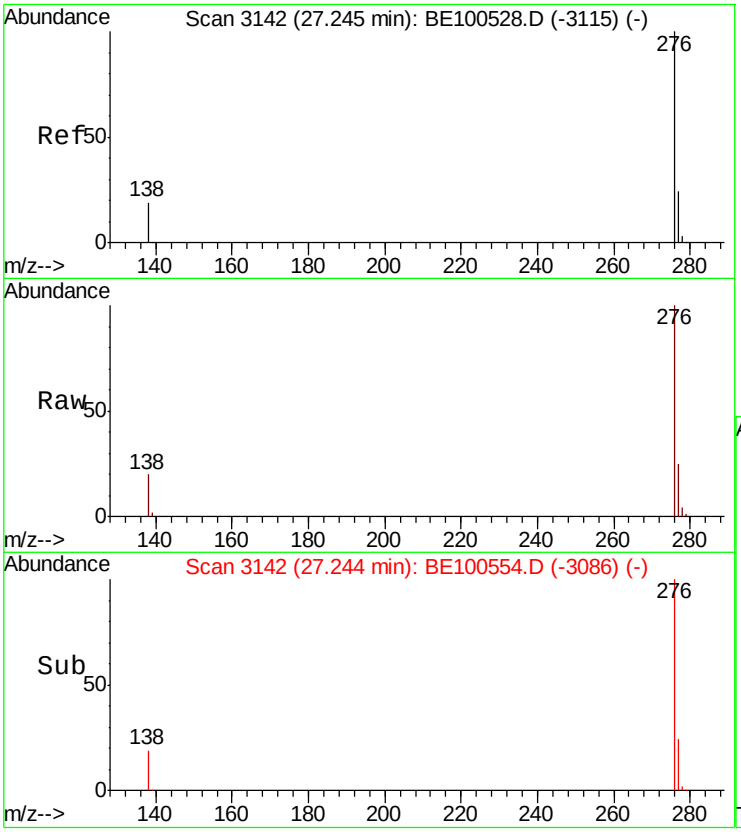


#38
Dibenzo(a,h)anthracene
Concen: 0.312 ng
RT: 26.47 min Scan# 2925
Delta R.T. -0.00 min
Lab File: BE100554.D
Acq: 25 Sep 2019 12:39

Tgt Ion:278 Resp: 44316

Ion	Ratio	Lower	Upper
278	100		
139	15.7	11.6	17.4
279	25.3	19.7	29.5





#39
Benzo(g,h,i)perylene
Concen: 0.403 ng
RT: 27.24 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BE100554.D
Acq: 25 Sep 2019 12:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 59652

Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.2	28.8
138	20.3	15.7	23.5