Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092519\
Data File : BE100553.D
Acq On : 25 Sep 2019 12:03
Operator : JU
Sample : K4995-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Sep 26 00:56:12 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	7450	0.40	ng		0.00
7) Naphthalene-d8	10.65	136	31666	0.40	ng		0.00
13) Acenaphthene-d10	14.49	164	16663	0.40	ng		0.00
19) Phenanthrene-d10	17.20	188	37436	0.40	ng		0.00
27) Chrysene-d12	21.37	240	49555	0.40	ng		0.00
34) Perylene-d12	23.83	264	56808	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.43	112	4293	0.25	ng		0.00
5) Phenol-d6	7.01	99	5998	0.25	ng		-0.01
8) Nitrobenzene-d5	9.00	82	4331	0.24	ng		0.00
11) 2-Methylnaphthalene-d10	12.24	152	11871	0.25	ng		0.00
14) 2,4,6-Tribromophenol	15.96	330	347	0.13	ng		0.00
15) 2-Fluorobiphenyl	13.12	172	14801	0.25	ng		0.00
25) Fluoranthene-d10	19.23	212	122085	0.27	ng		0.00
29) Terphenyl-d14	19.82	244	29971	0.26	ng		0.00
Target Compounds							Qvalue
16) Acenaphthylene	14.21	152	1675	0.024	ng		98
23) Phenanthrene	17.24	178	5579	0.053	ng		97
26) Fluoranthene	19.25	202	24926	0.198	ng		99
28) Pyrene	19.62	202	27728	0.194	ng		98
30) Benzo(a)anthracene	21.34	228	22807	0.172	ng		97
31) Chrysene	21.40	228	21505	0.143	ng		97
32) Bis(2-ethylhexyl)phthalate	21.28	149	20173	0.141	ng		100
33) Indeno(1,2,3-cd)pyrene	26.45	276	14150	0.084	ng		96
35) Benzo(b)fluoranthene	23.08	252	30927	0.201	ng	#	95
36) Benzo(k)fluoranthene	23.12	252	11494m	0.065	ng		
37) Benzo(a)pyrene	23.72	252	20498	0.143	ng	#	95
38) Dibenzo(a,h)anthracene	26.46	278	3946	0.026	ng	#	73
39) Benzo(g,h,i)perylene	27.24	276	13612	0.087	ng		95

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

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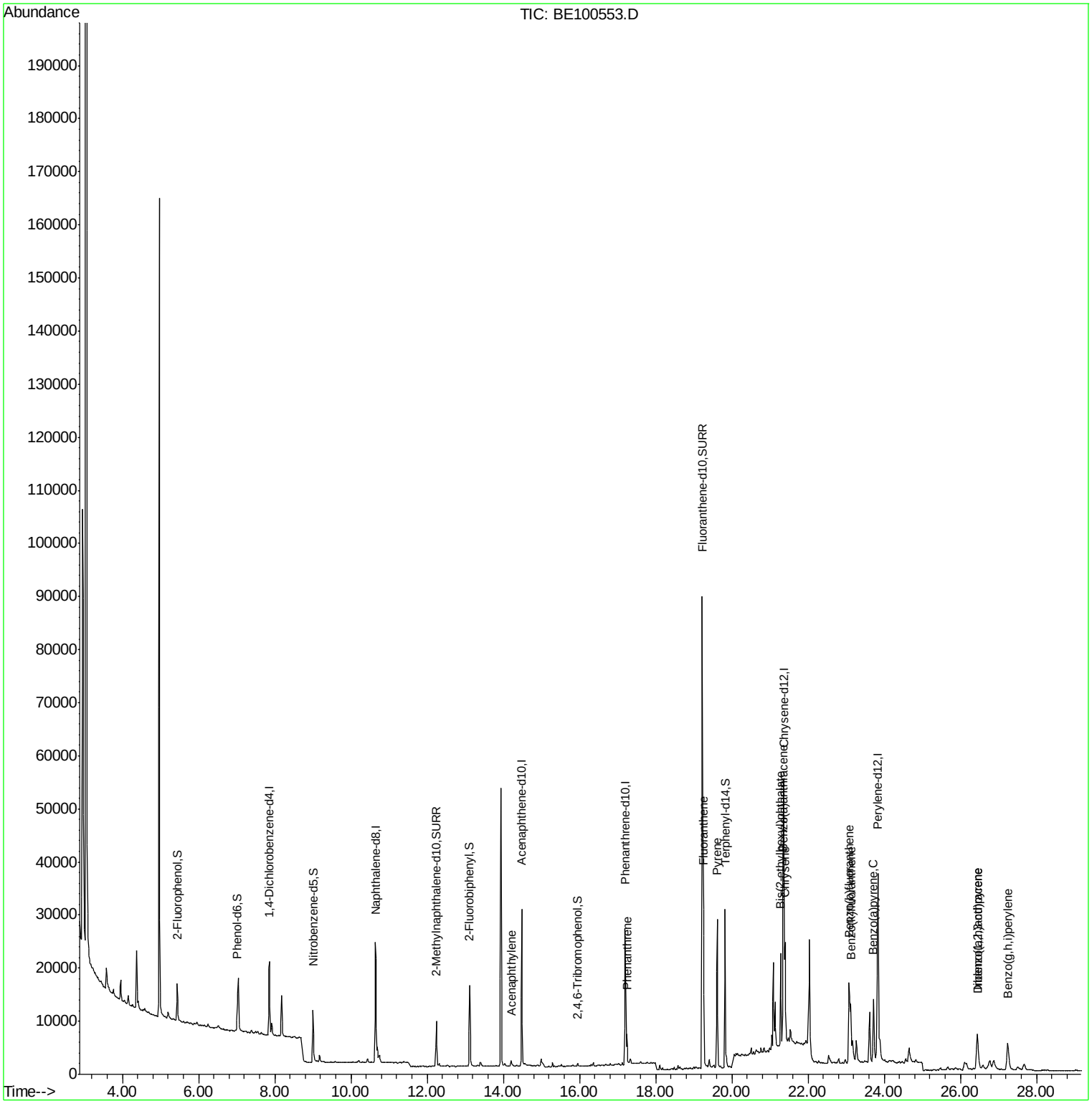
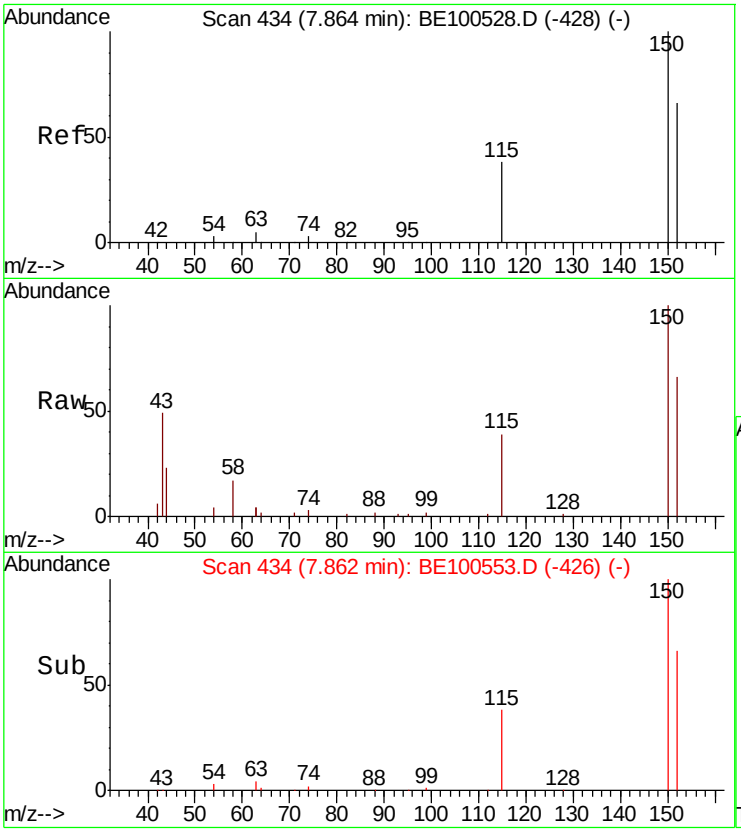


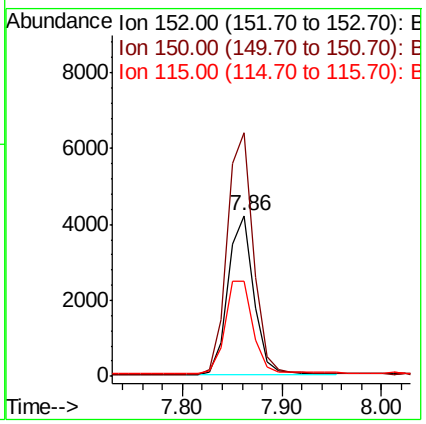


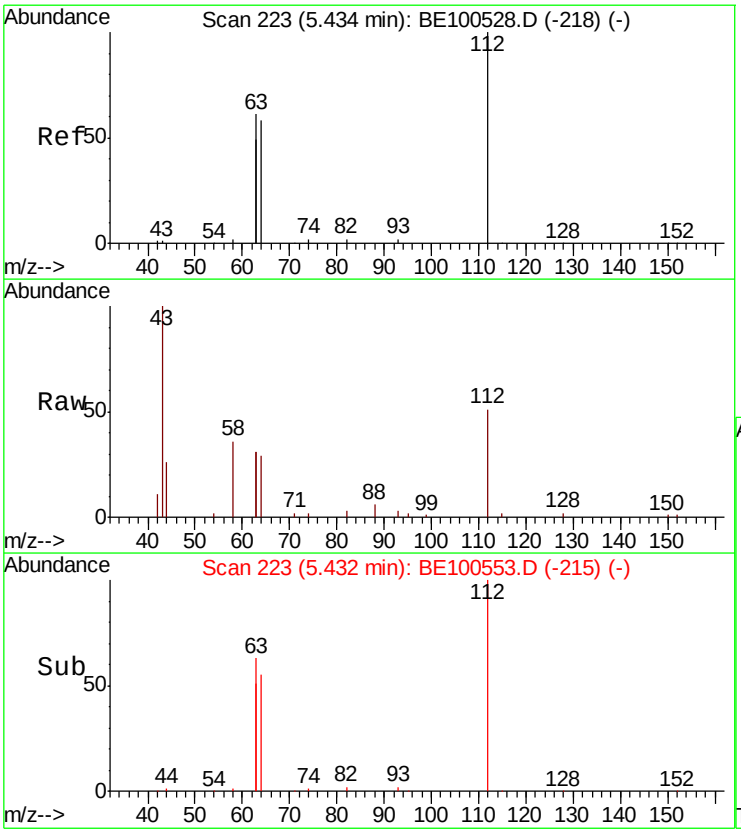
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE100553.D
Acq: 25 Sep 2019 12:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 7450

Ion	Ratio	Lower	Upper
152	100		
150	151.8	121.6	182.4
115	59.3	48.2	72.4

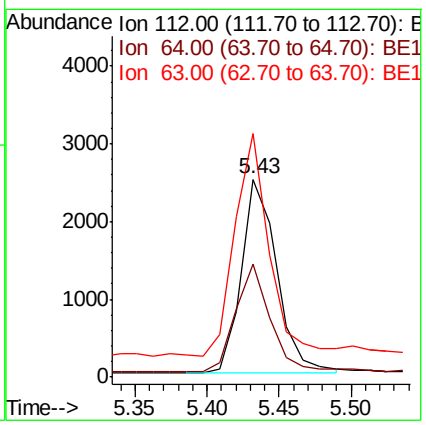


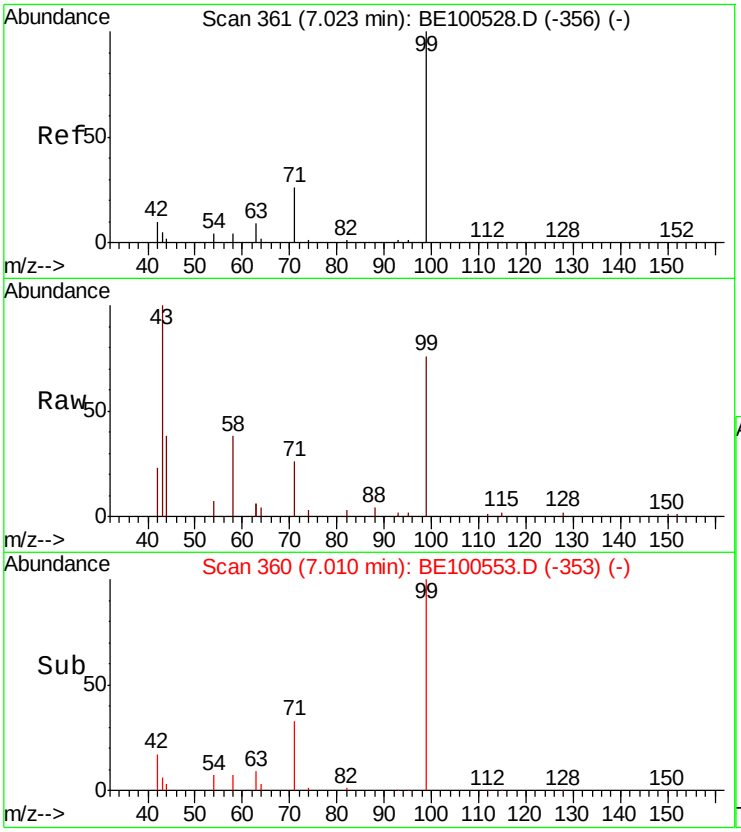


#4
2-Fluorophenol
Concen: 0.246 ng
RT: 5.43 min Scan# 223
Delta R.T. -0.00 min
Lab File: BE100553.D
Acq: 25 Sep 2019 12:03

Tgt Ion:112 Resp: 4293

Ion	Ratio	Lower	Upper
112	100		
64	53.9	44.1	66.1
63	112.2	86.5	129.7



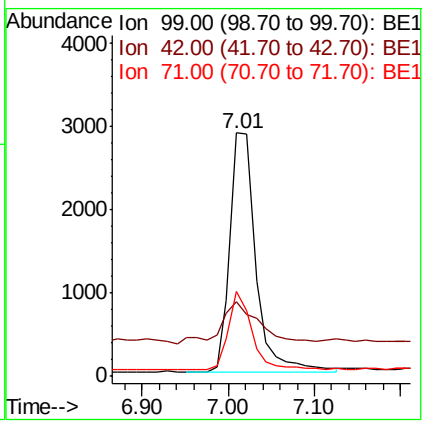


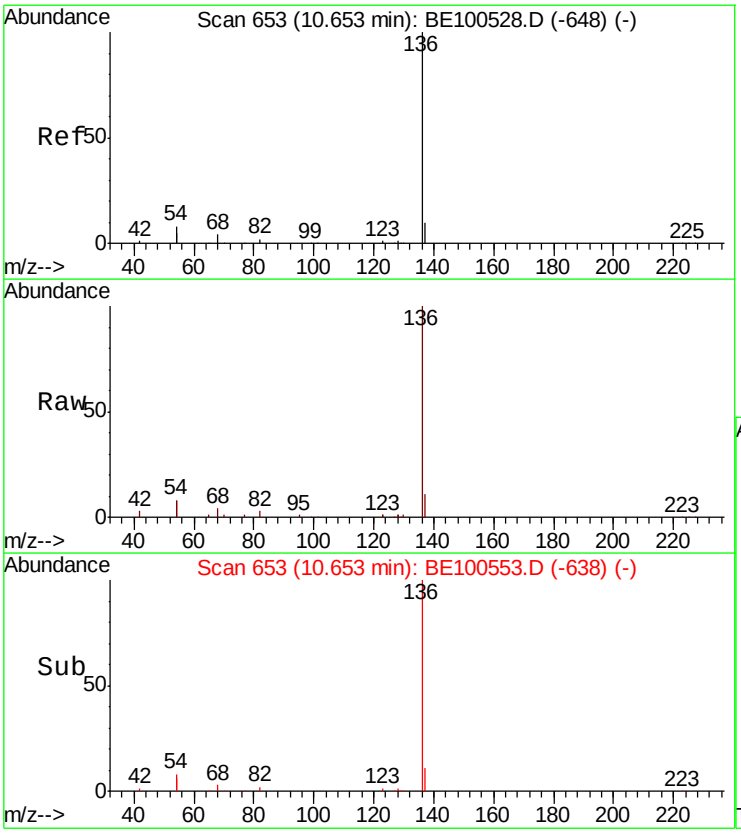
#5
Phenol-d6
Concen: 0.251 ng
RT: 7.01 min Scan# 360
Delta R.T. -0.01 min
Lab File: BE100553.D
Acq: 25 Sep 2019 12:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 5998

Ion	Ratio	Lower	Upper
99	100		
42	25.1	13.0	19.6#
71	29.8	23.4	35.0

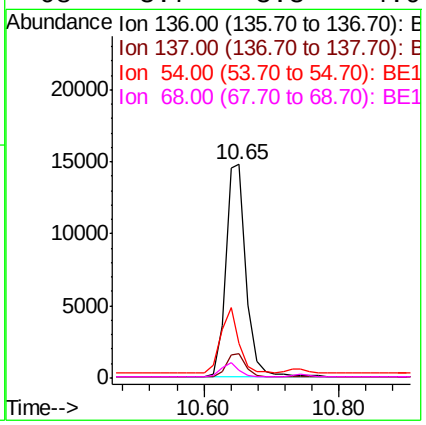


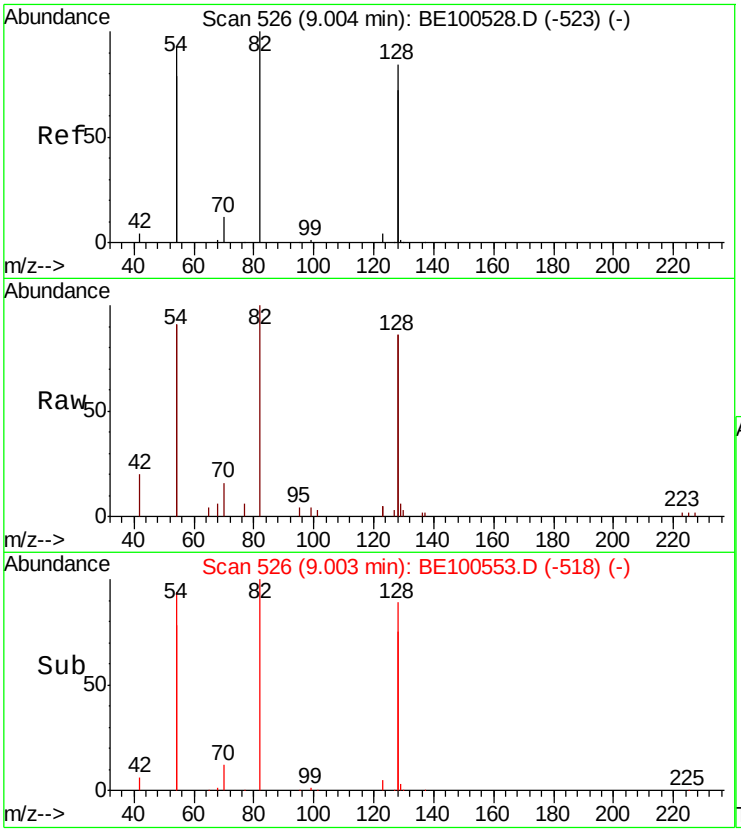


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.00 min
Lab File: BE100553.D
Acq: 25 Sep 2019 12:03

Tgt Ion:136 Resp: 31666

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.6	13.0
54	16.1	12.4	18.6
68	3.7	3.3	4.9



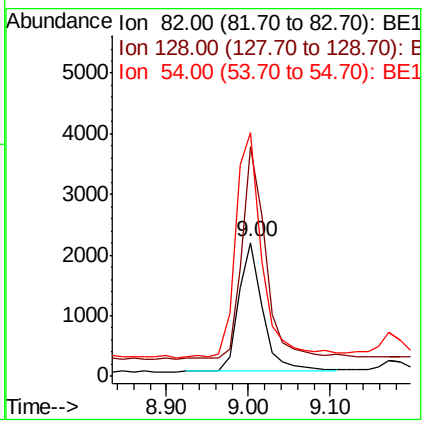


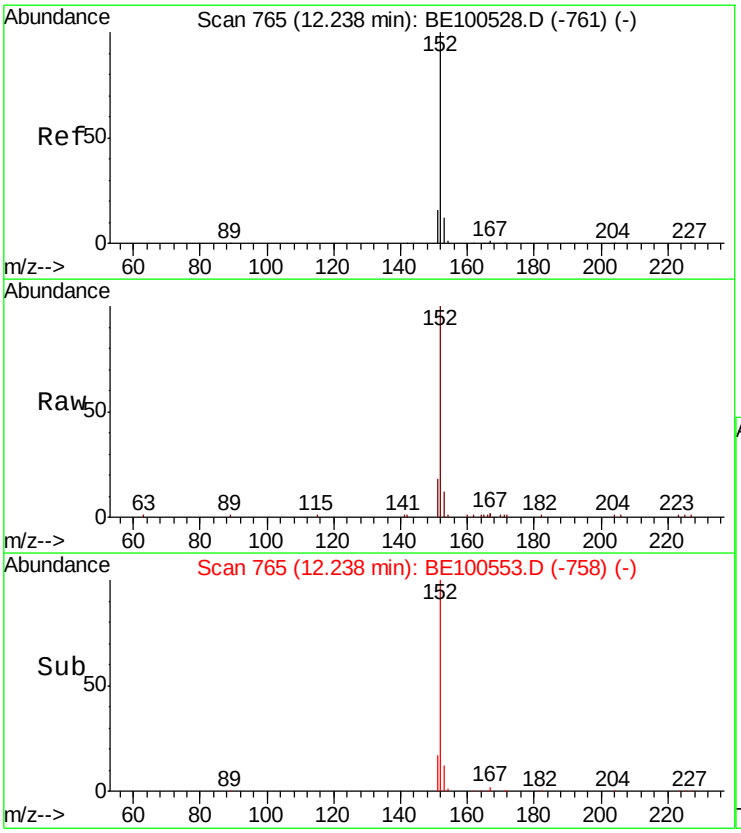
#8
Nitrobenzene-d5
Concen: 0.237 ng
RT: 9.00 min Scan# 526
Delta R.T. -0.00 min
Lab File: BE100553.D
Acq: 25 Sep 2019 12:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 82 Resp: 4331

Ion	Ratio	Lower	Upper
82	100		
128	171.2	129.4	194.2
54	182.0	143.3	214.9

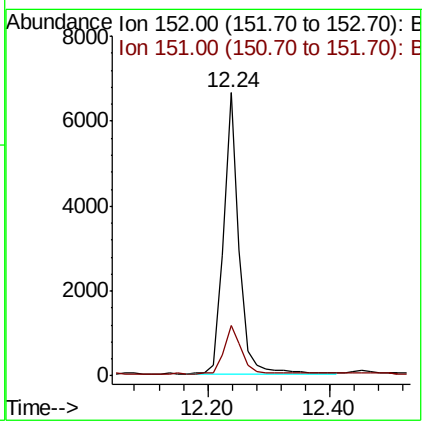


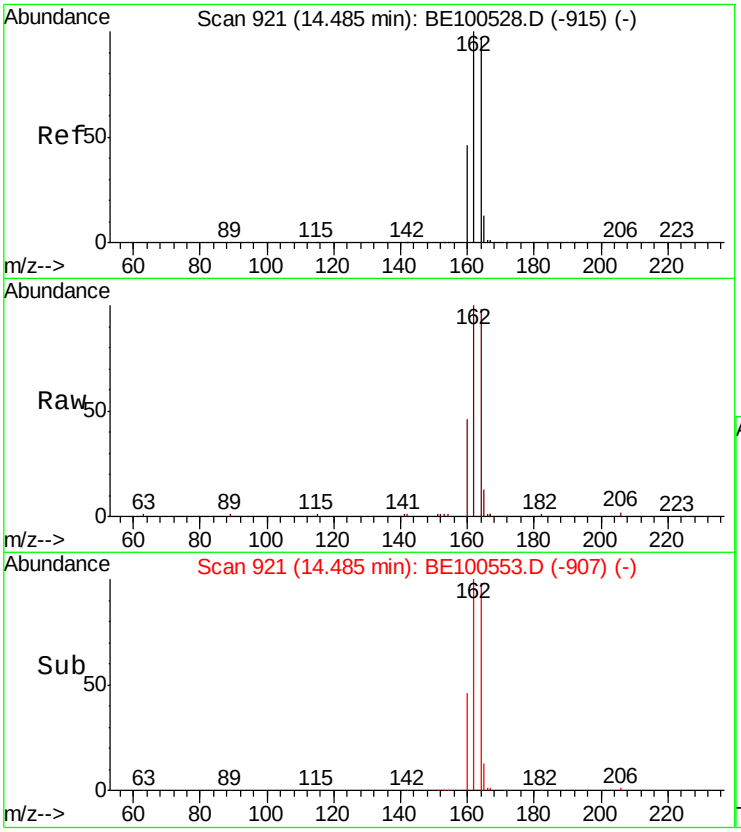


#11
2-Methylnaphthalene-d10
Concen: 0.251 ng
RT: 12.24 min Scan# 765
Delta R.T. -0.00 min
Lab File: BE100553.D
Acq: 25 Sep 2019 12:03

Tgt Ion:152 Resp: 11871

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.3	22.9



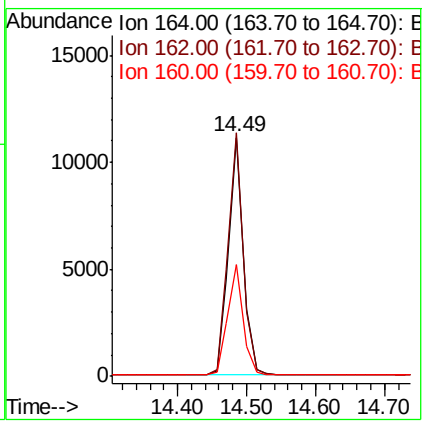


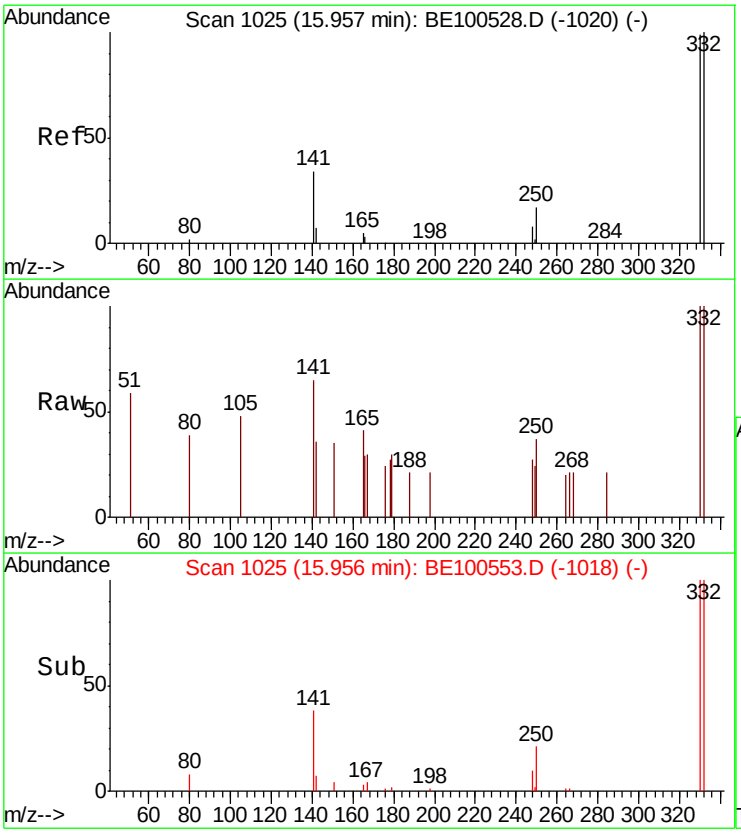
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. -0.00 min
Lab File: BE100553.D
Acq: 25 Sep 2019 12:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 16663

Ion	Ratio	Lower	Upper
164	100		
162	102.1	82.1	123.1
160	46.8	37.6	56.4

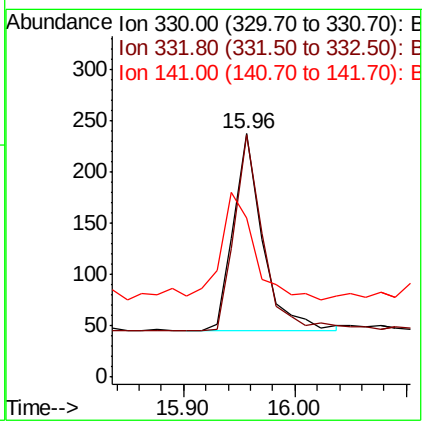


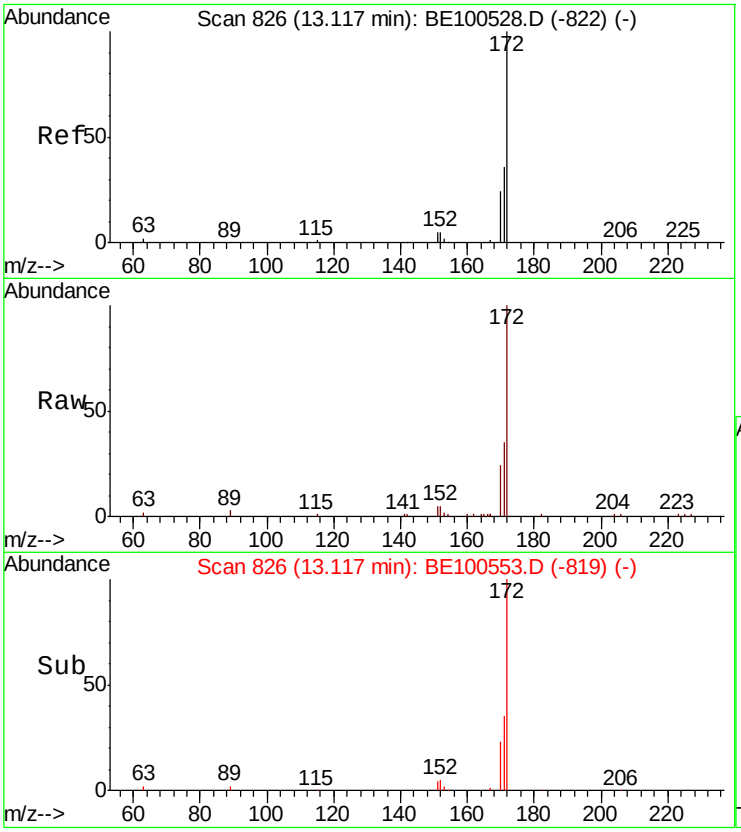


#14
2,4,6-Tribromophenol
Concen: 0.129 ng
RT: 15.96 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BE100553.D
Acq: 25 Sep 2019 12:03

Tgt Ion:330 Resp: 347

Ion	Ratio	Lower	Upper
330	100		
332	101.7	75.5	113.3
141	61.7	42.3	63.5



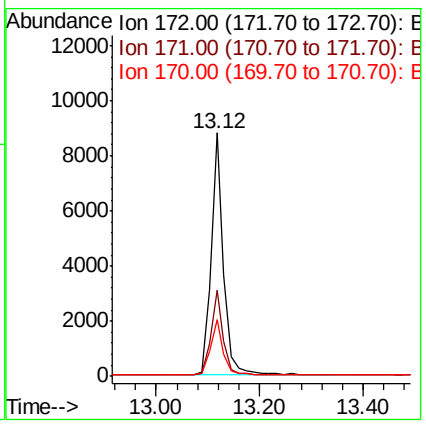


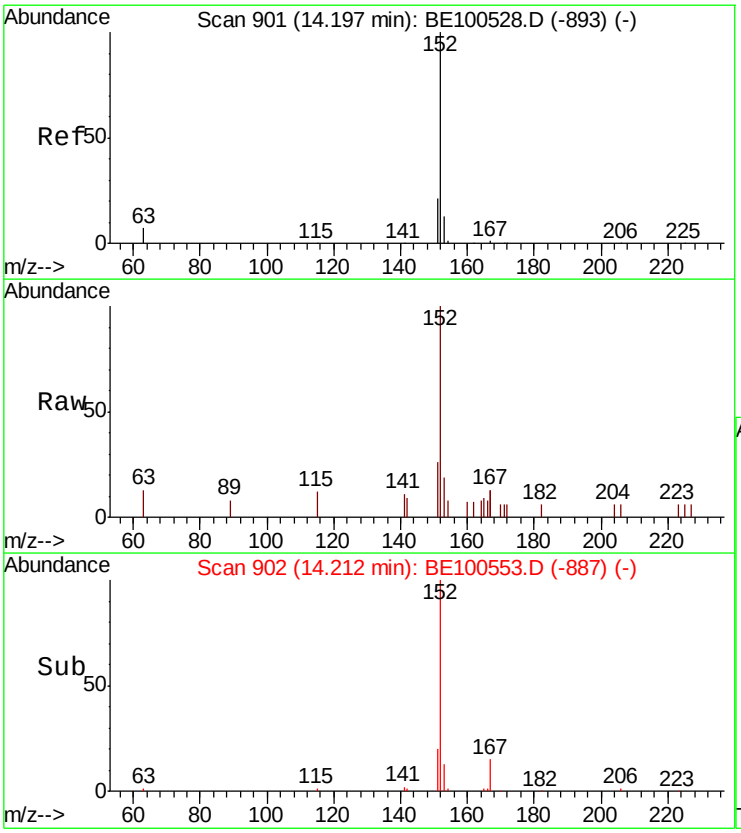
#15
2-Fluorobiphenyl
Concen: 0.249 ng
RT: 13.12 min Scan# 826
Delta R.T. -0.00 min
Lab File: BE100553.D
Acq: 25 Sep 2019 12:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 14801

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.8	43.2
170	23.6	19.4	29.0

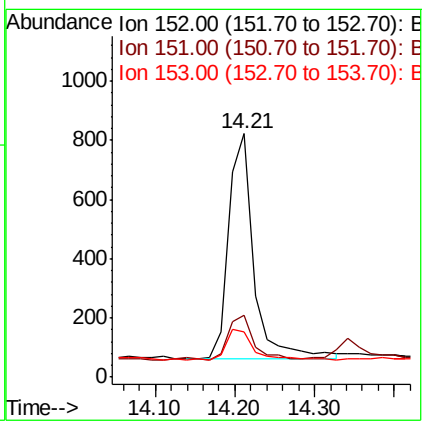


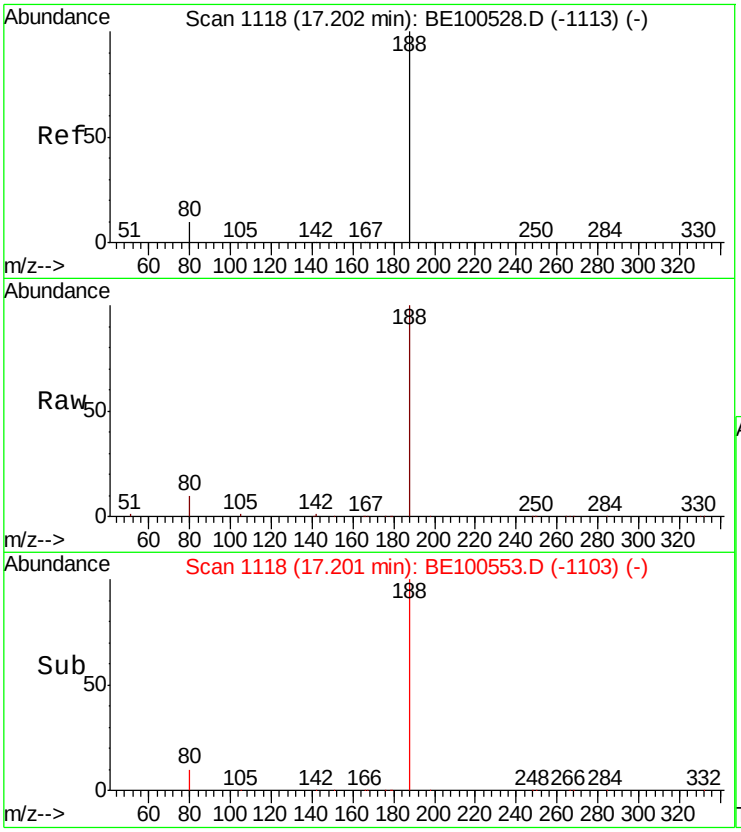


#16
Acenaphthylene
Concen: 0.024 ng
RT: 14.21 min Scan# 902
Delta R.T. 0.01 min
Lab File: BE100553.D
Acq: 25 Sep 2019 12:03

Tgt Ion:152 Resp: 1675

Ion	Ratio	Lower	Upper
152	100		
151	21.5	15.9	23.9
153	13.7	10.7	16.1



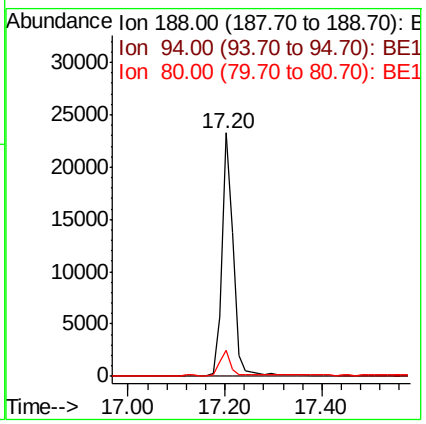


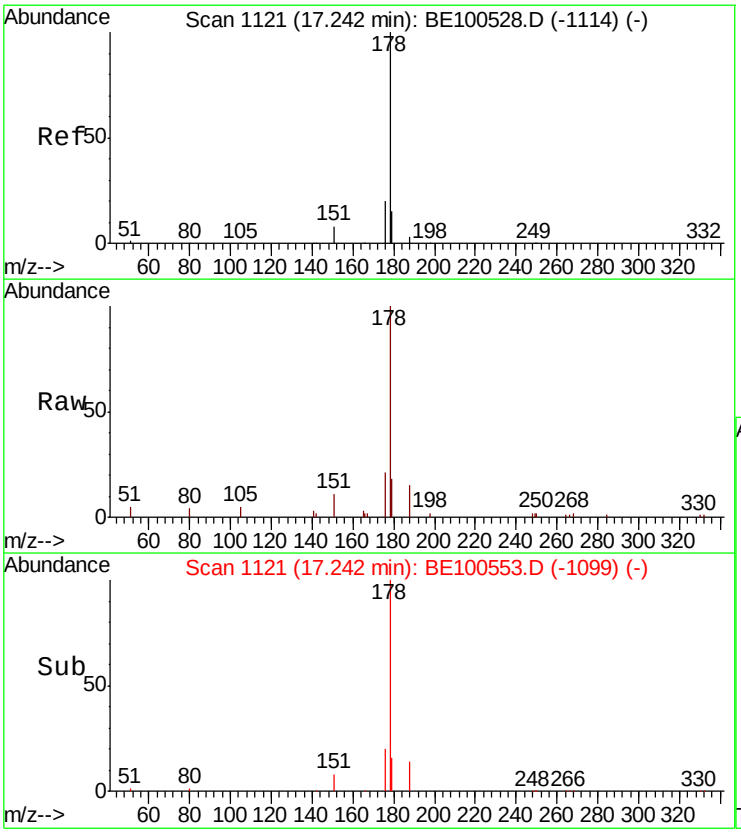
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.20 min Scan# 1118
Delta R.T. -0.00 min
Lab File: BE100553.D
Acq: 25 Sep 2019 12:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 37436

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.4	8.0	12.0

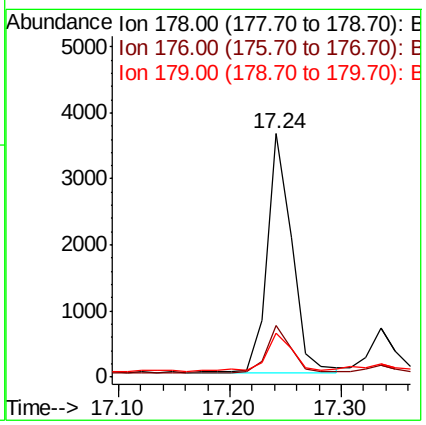


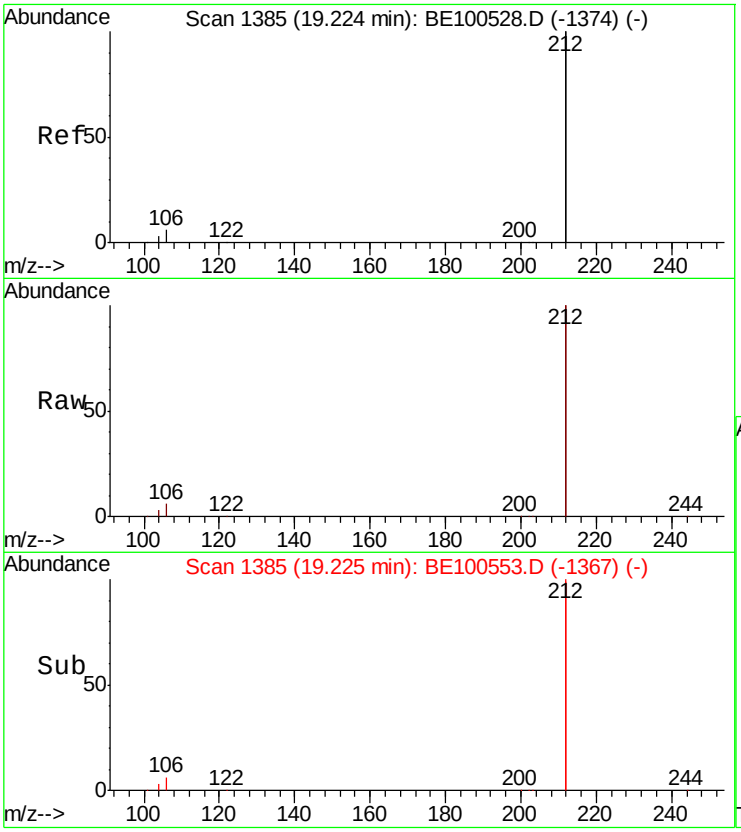


#23
Phenanthrene
Concen: 0.053 ng
RT: 17.24 min Scan# 1121
Delta R.T. -0.00 min
Lab File: BE100553.D
Acq: 25 Sep 2019 12:03

Tgt Ion:178 Resp: 5579

Ion	Ratio	Lower	Upper
178	100		
176	20.7	15.4	23.2
179	16.7	12.6	18.8



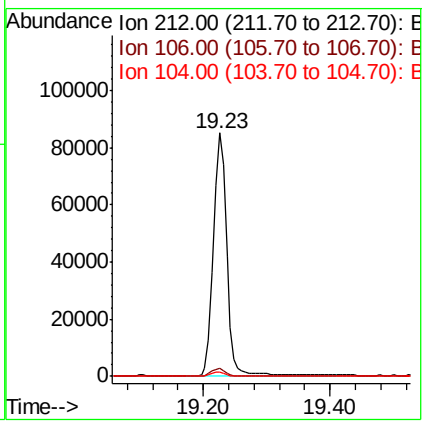


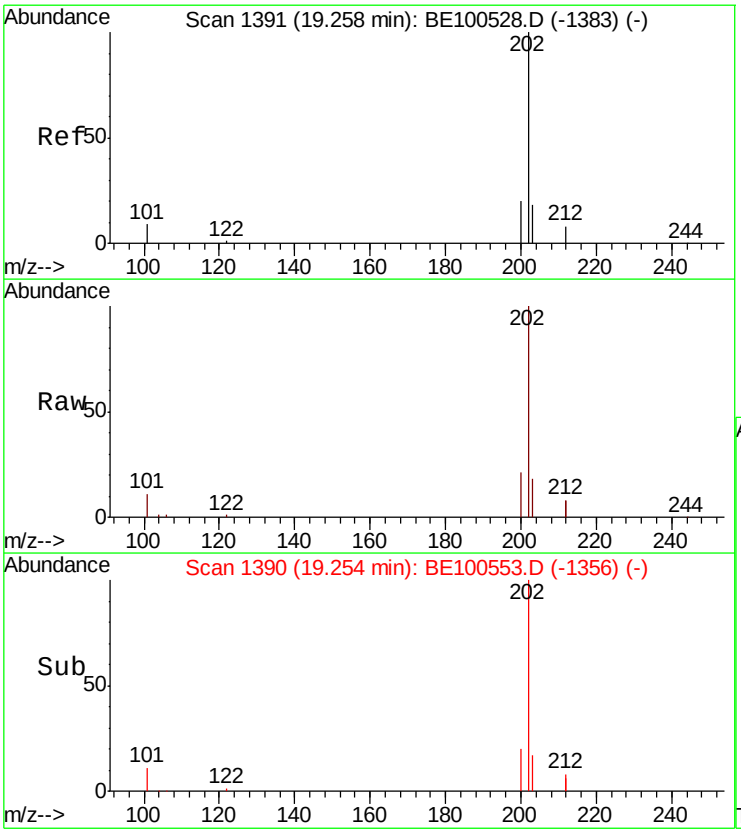
#25
Fluoranthene-d10
Concen: 0.274 ng
RT: 19.23 min Scan# 1385
Delta R.T. 0.00 min
Lab File: BE100553.D
Acq: 25 Sep 2019 12:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 122085

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

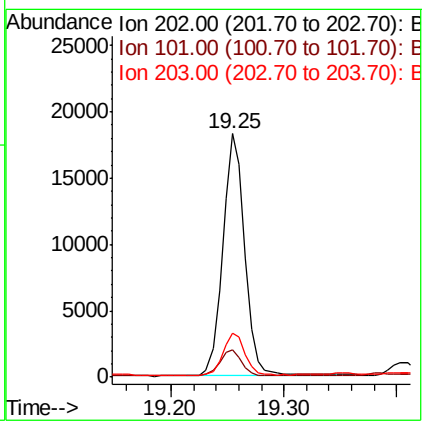


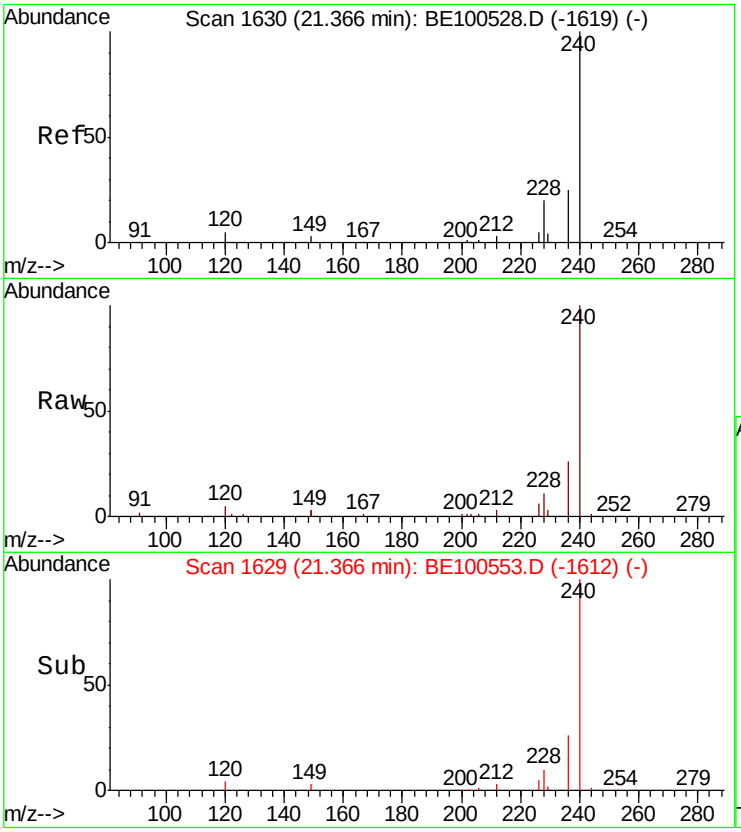


#26
Fluoranthene
Concen: 0.198 ng
RT: 19.25 min Scan# 1390
Delta R.T. -0.00 min
Lab File: BE100553.D
Acq: 25 Sep 2019 12:03

Tgt Ion:202 Resp: 24926

Ion	Ratio	Lower	Upper
202	100		
101	10.7	8.8	13.2
203	17.5	13.7	20.5



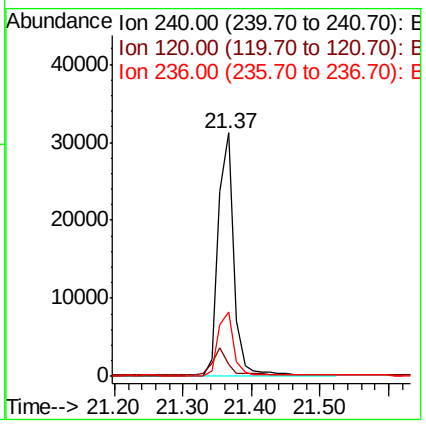


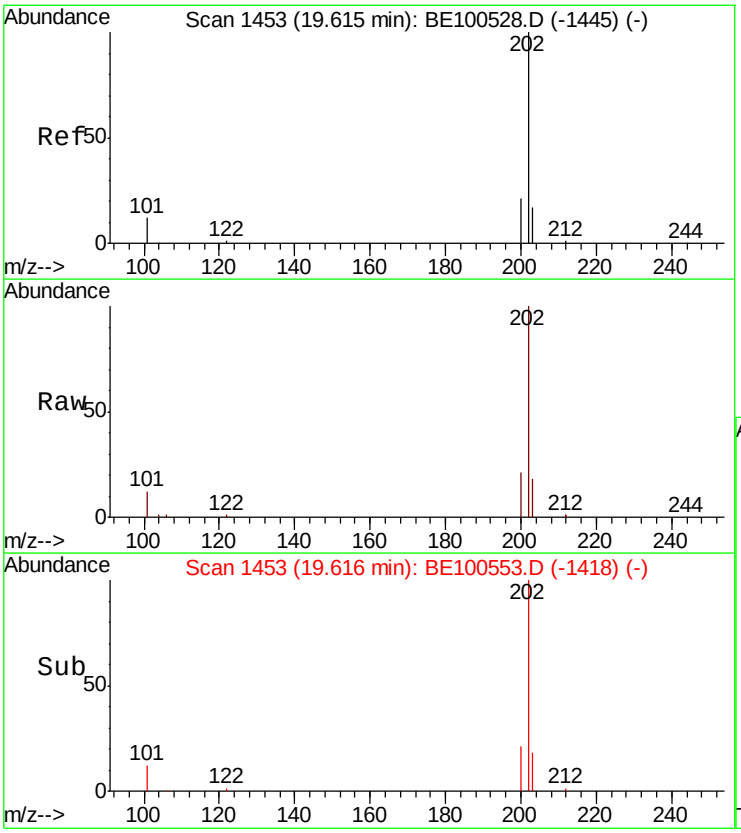
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1629
Delta R.T. -0.00 min
Lab File: BE100553.D
Acq: 25 Sep 2019 12:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 49555

Ion	Ratio	Lower	Upper
240	100		
120	4.9	4.5	6.7
236	26.4	20.6	30.8

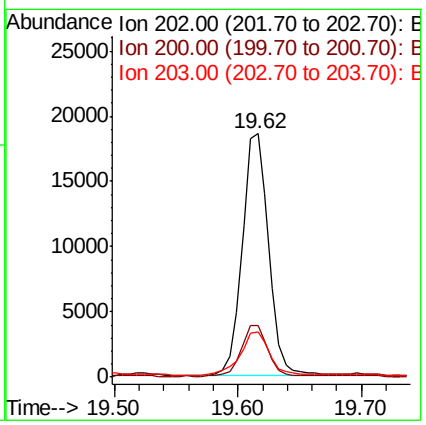


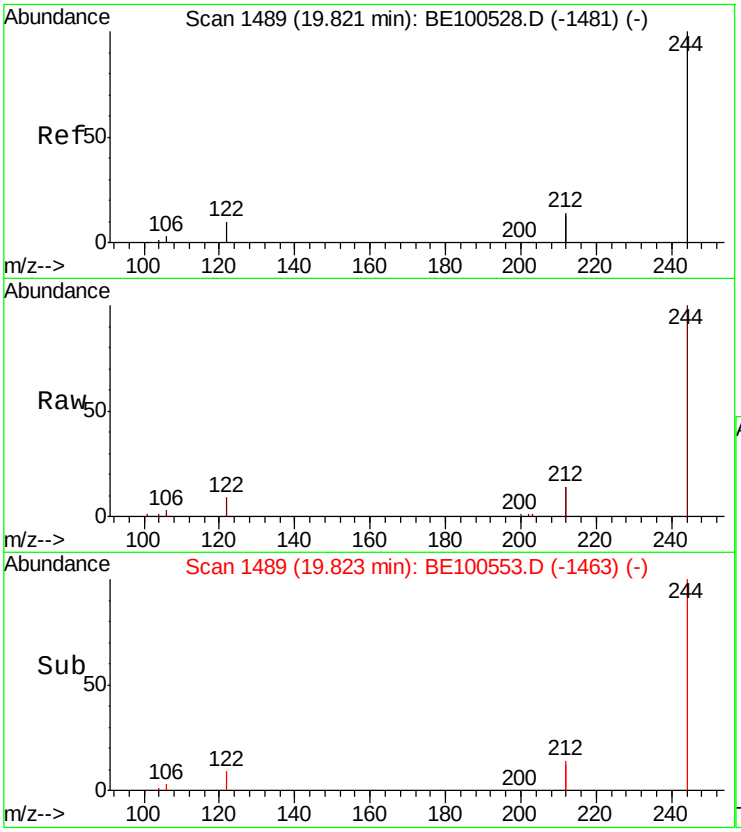


#28
Pyrene
Concen: 0.194 ng
RT: 19.62 min Scan# 1453
Delta R.T. 0.00 min
Lab File: BE100553.D
Acq: 25 Sep 2019 12:03

Tgt Ion:202 Resp: 27728

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.6	25.0
203	19.5	14.0	21.0



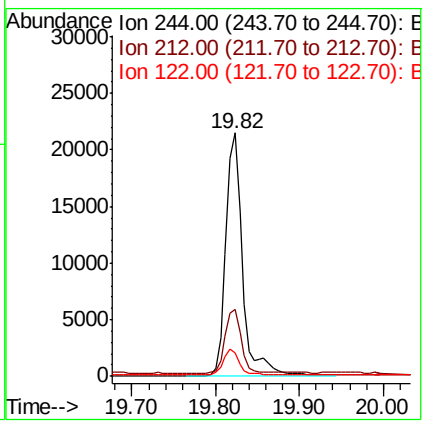


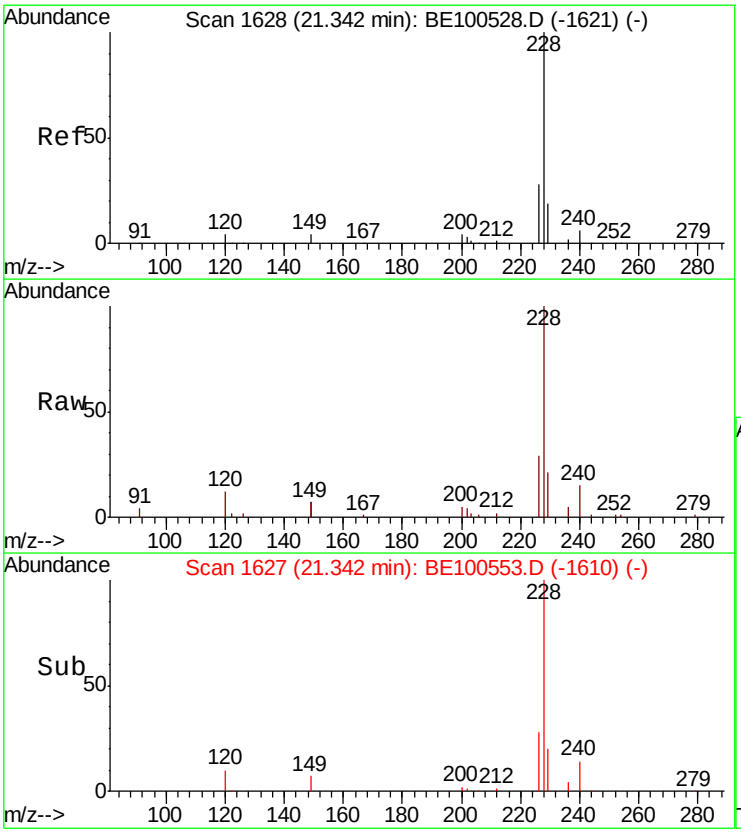
#29
Terphenyl-d14
Concen: 0.255 ng
RT: 19.82 min Scan# 1489
Delta R.T. 0.00 min
Lab File: BE100553.D
Acq: 25 Sep 2019 12:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 29971

Ion	Ratio	Lower	Upper
244	100		
212	27.5	22.2	33.2
122	9.4	8.3	12.5

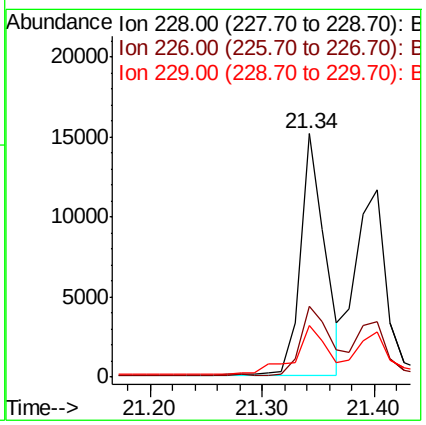


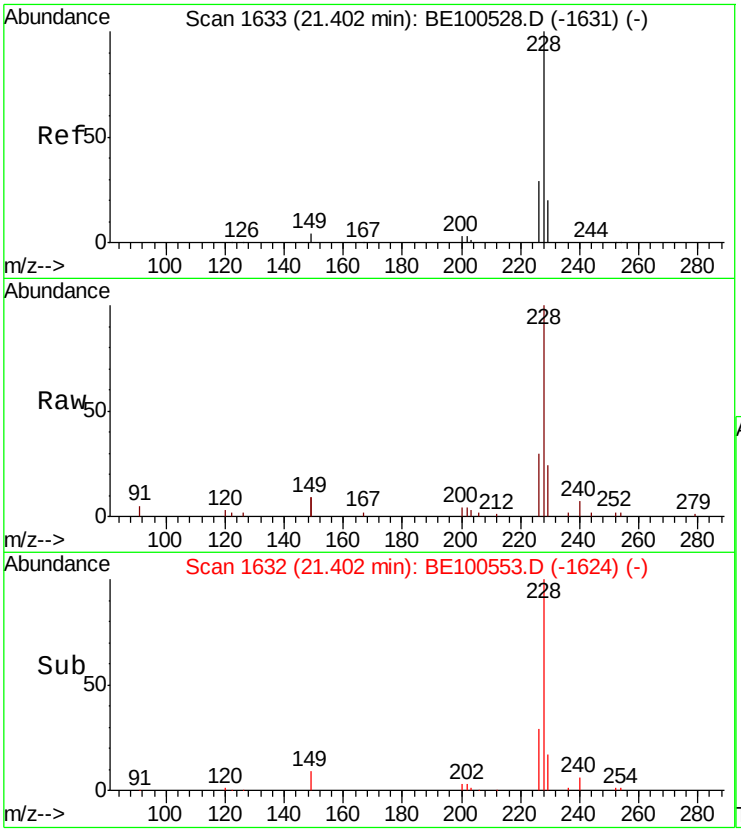


#30
Benzo(a)anthracene
Concen: 0.172 ng
RT: 21.34 min Scan# 1627
Delta R.T. -0.00 min
Lab File: BE100553.D
Acq: 25 Sep 2019 12:03

Tgt Ion:228 Resp: 22807

Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.5	33.7
229	21.4	15.4	23.2



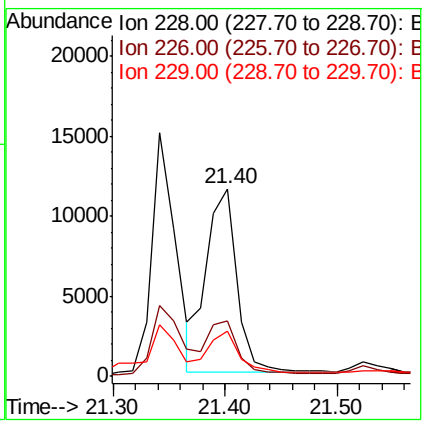


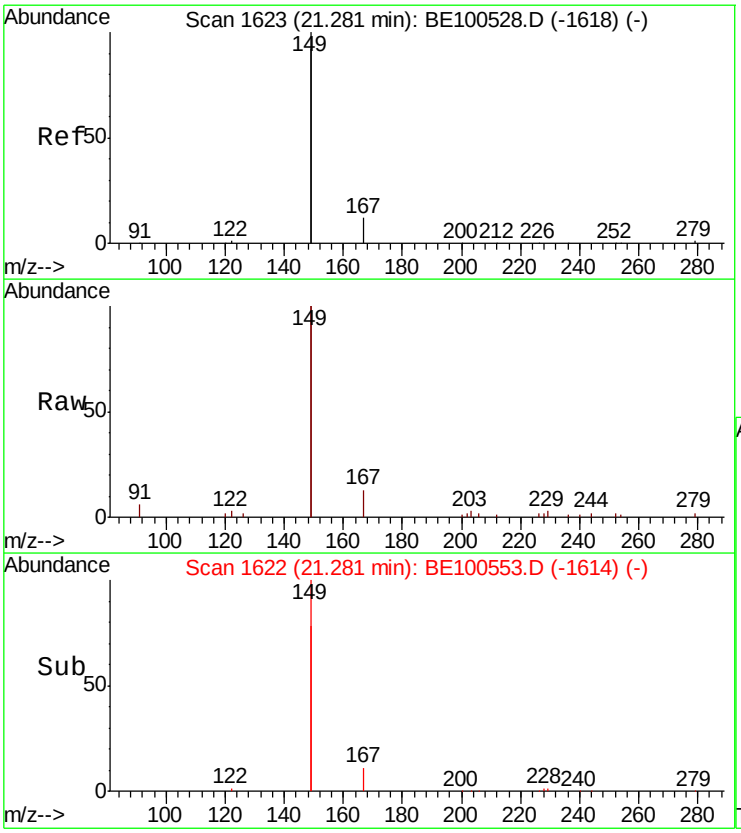
#31
Chrysene
Concen: 0.143 ng
RT: 21.40 min Scan# 1632
Delta R.T. -0.00 min
Lab File: BE100553.D
Acq: 25 Sep 2019 12:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 21505

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.3	34.9
229	23.8	16.3	24.5

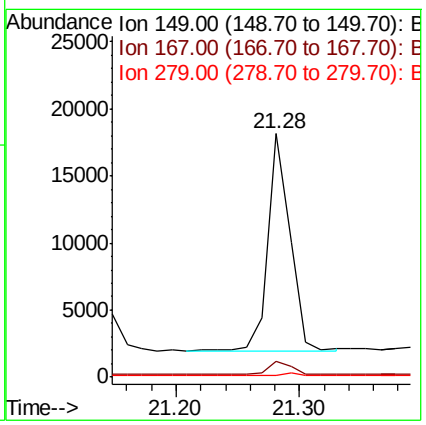


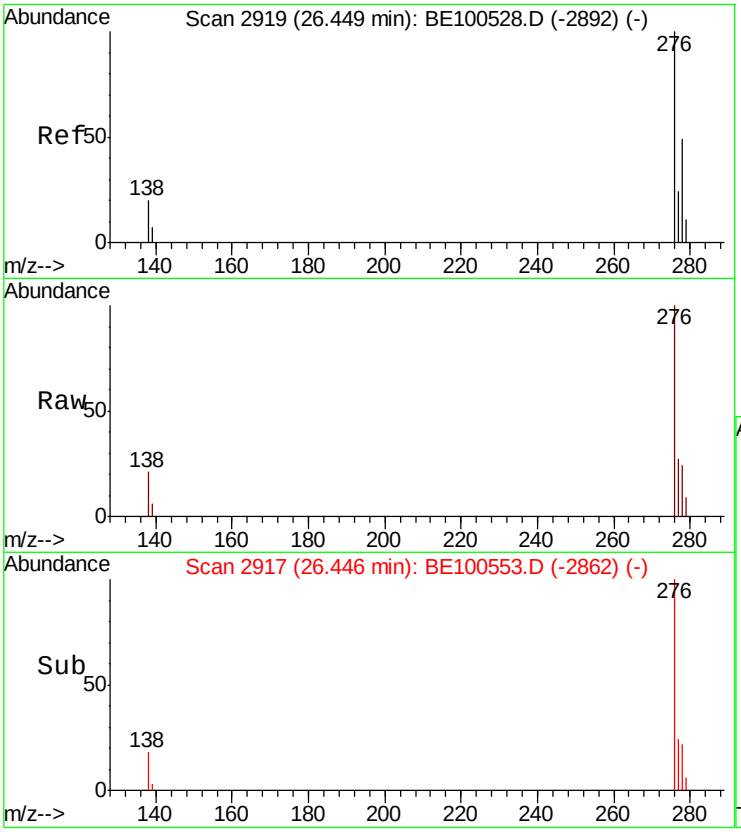


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.141 ng
RT: 21.28 min Scan# 1622
Delta R.T. -0.00 min
Lab File: BE100553.D
Acq: 25 Sep 2019 12:03

Tgt Ion:149 Resp: 20173

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



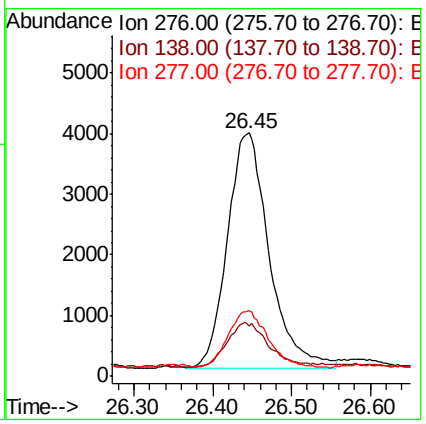


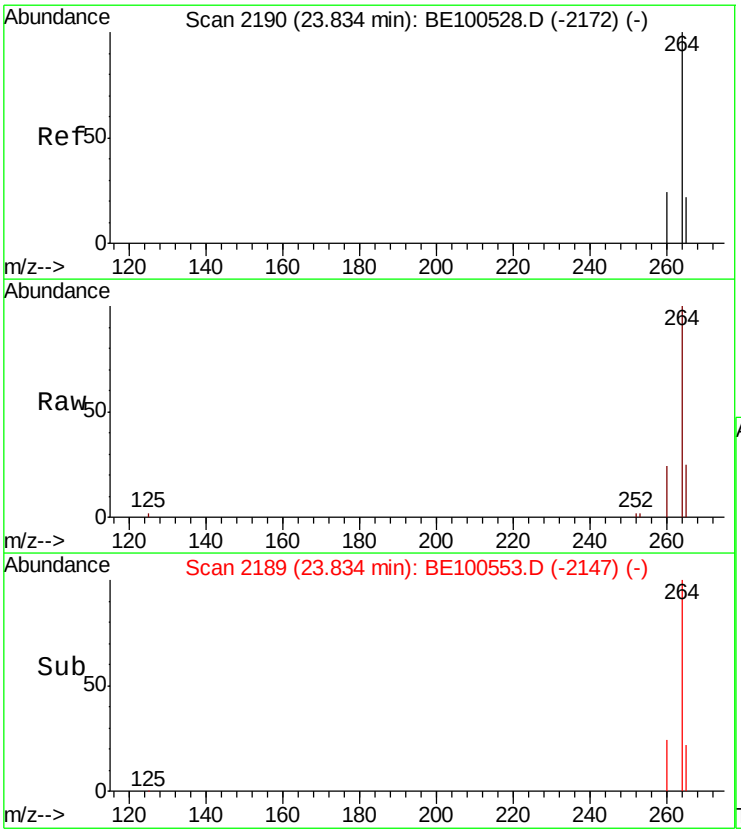
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.084 ng
RT: 26.45 min Scan# 2917
Delta R.T. -0.00 min
Lab File: BE100553.D
Acq: 25 Sep 2019 12:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 14150

Ion	Ratio	Lower	Upper
276	100		
138	19.1	17.7	26.5
277	23.5	19.9	29.9

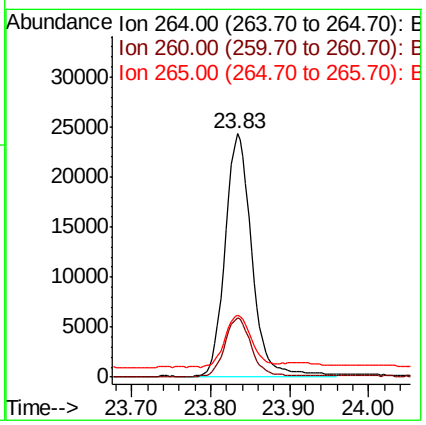


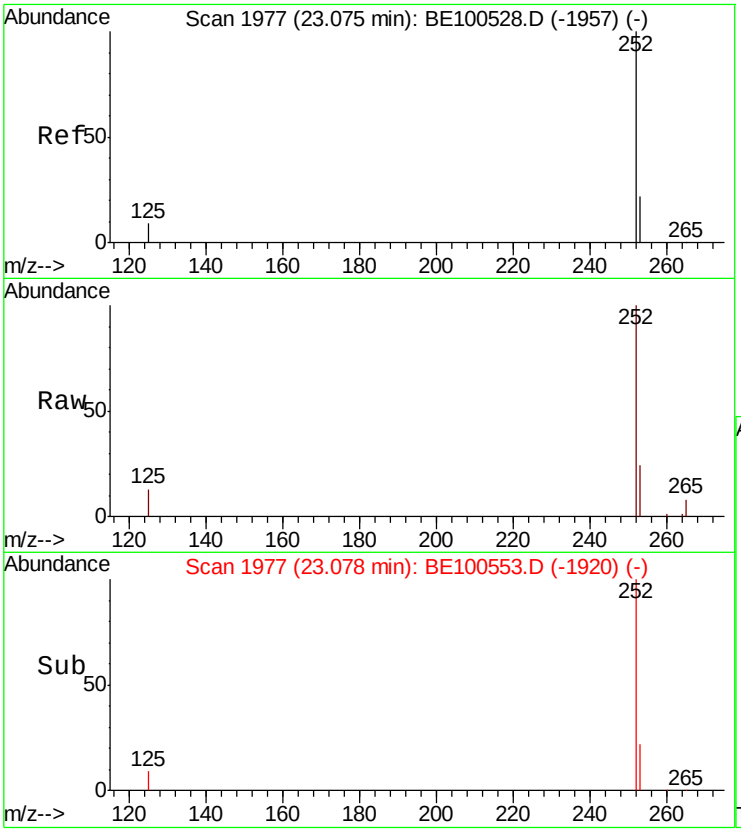


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.83 min Scan# 2189
Delta R.T. -0.00 min
Lab File: BE100553.D
Acq: 25 Sep 2019 12:03

Tgt Ion:264 Resp: 56808

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.6	29.4
265	25.4	21.8	32.8



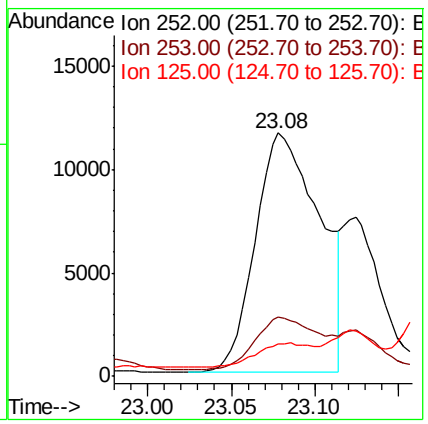


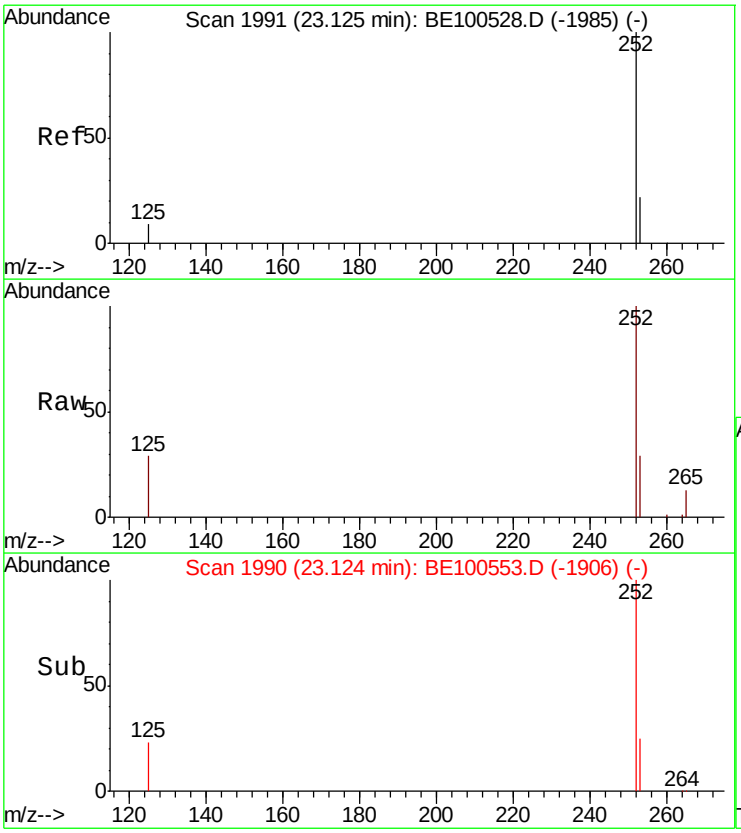
#35
Benzo(b)fluoranthene
Concen: 0.201 ng
RT: 23.08 min Scan# 1977
Delta R.T. 0.00 min
Lab File: BE100553.D
Acq: 25 Sep 2019 12:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 30927

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.1	27.1
125	13.2	8.0	12.0#

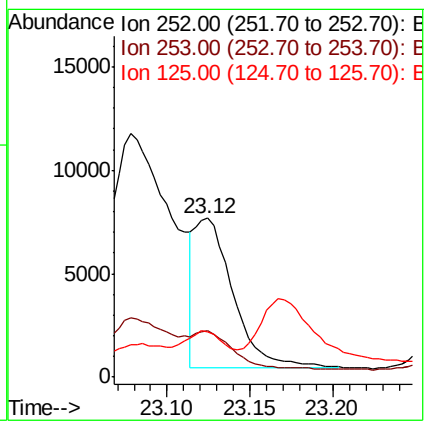


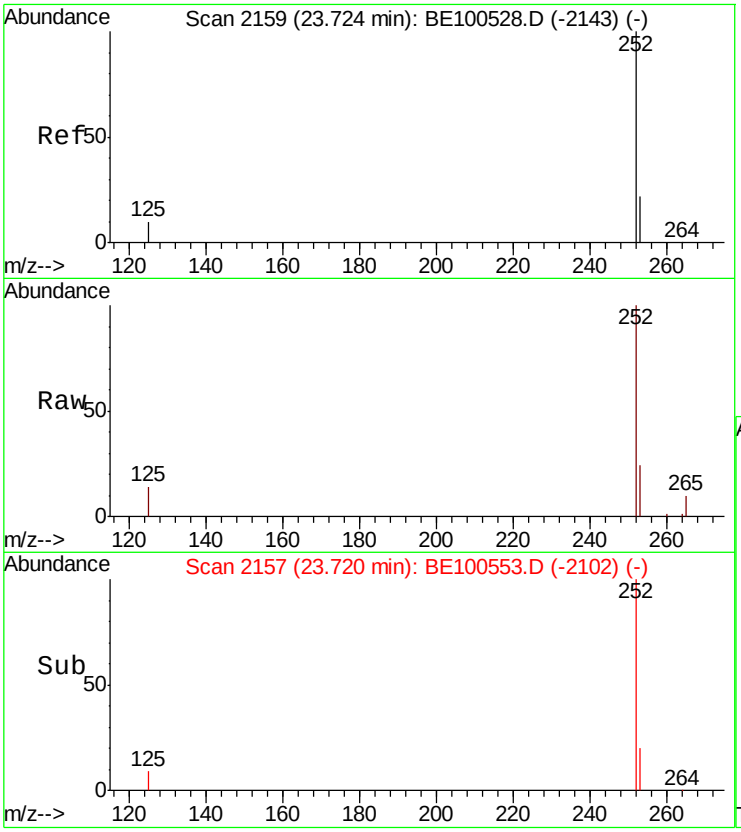


#36
Benzo(k)fluoranthene
Concen: 0.065 ng m
RT: 23.12 min Scan# 1990
Delta R.T. -0.00 min
Lab File: BE100553.D
Acq: 25 Sep 2019 12:03

Tgt Ion:252 Resp: 11494

Ion	Ratio	Lower	Upper
252	100		
253	29.4	17.9	26.9#
125	28.8	8.5	12.7#



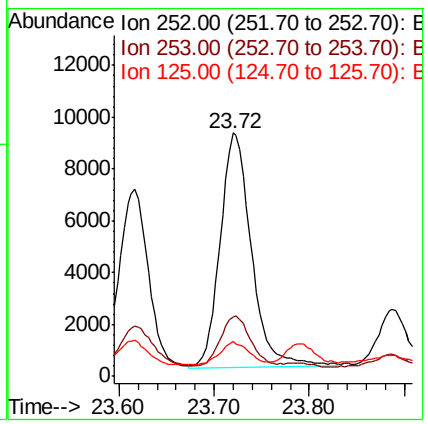


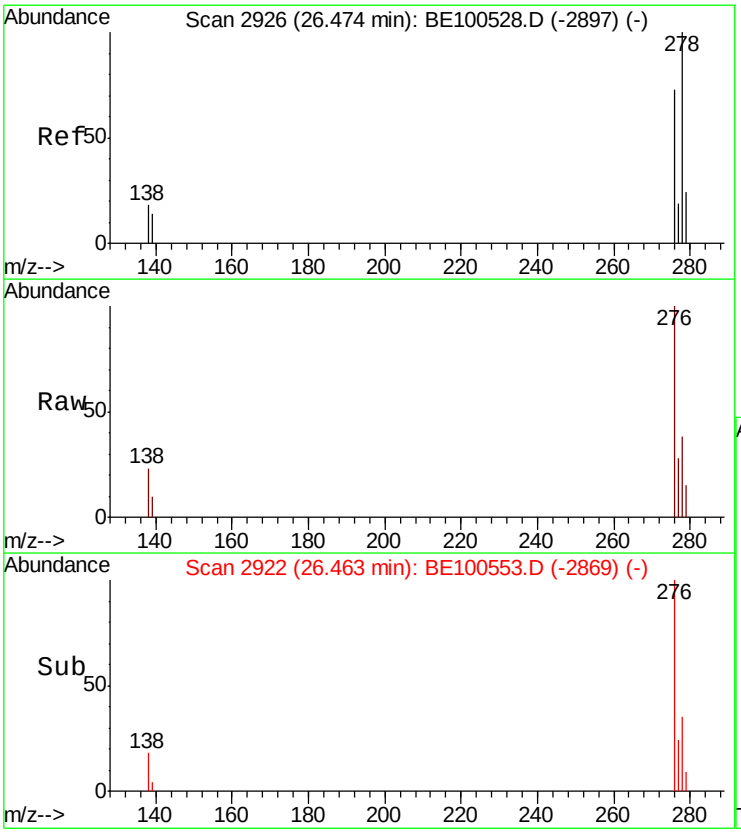
#37
Benzo(a)pyrene
Concen: 0.143 ng
RT: 23.72 min Scan# 2157
Delta R.T. -0.00 min
Lab File: BE100553.D
Acq: 25 Sep 2019 12:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 20498

Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.1	27.1
125	14.3	9.2	13.8#

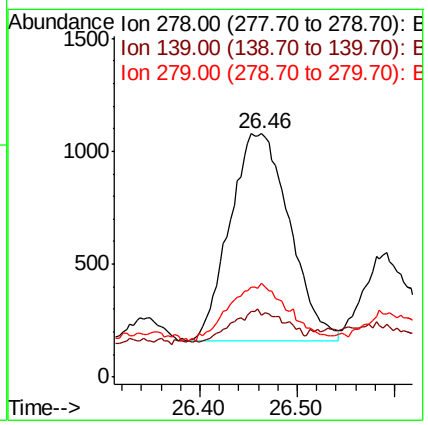


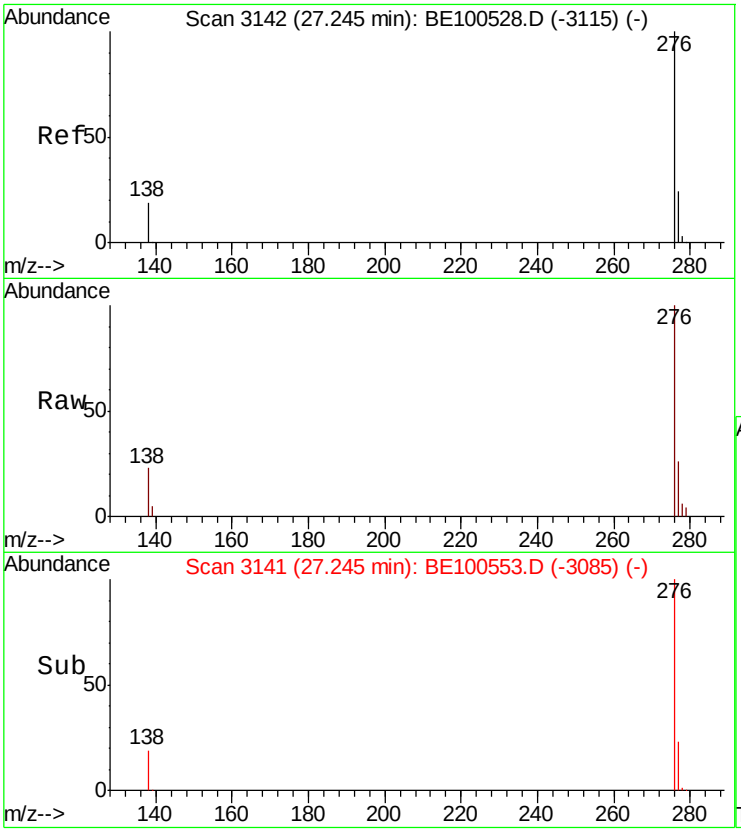


#38
Dibenzo(a,h)anthracene
Concen: 0.026 ng
RT: 26.46 min Scan# 2922
Delta R.T. -0.01 min
Lab File: BE100553.D
Acq: 25 Sep 2019 12:03

Tgt Ion:278 Resp: 3946

Ion	Ratio	Lower	Upper
278	100		
139	25.5	11.6	17.4#
279	38.3	19.7	29.5#





#39
Benzo(g,h,i)perylene
Concen: 0.087 ng
RT: 27.24 min Scan# 3141
Delta R.T. -0.00 min
Lab File: BE100553.D
Acq: 25 Sep 2019 12:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 13612

Ion	Ratio	Lower	Upper
276	100		
277	25.9	19.2	28.8
138	22.9	15.7	23.5