Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092519\
Data File : BE100562.D
Acq On : 25 Sep 2019 18:28
Operator : JU
Sample : K4995-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Sep 26 00:41:59 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	6051	0.40	ng		0.00
7) Naphthalene-d8	10.65	136	30810	0.40	ng		0.00
13) Acenaphthene-d10	14.49	164	20921	0.40	ng		0.00
19) Phenanthrene-d10	17.20	188	38756	0.40	ng		0.00
27) Chrysene-d12	21.38	240	52236	0.40	ng		0.01
34) Perylene-d12	23.86	264	57766	0.40	ng		0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.45	112	5001	0.35	ng		0.01
5) Phenol-d6	7.02	99	7301	0.38	ng		0.00
8) Nitrobenzene-d5	9.00	82	5936	0.33	ng		0.00
11) 2-Methylnaphthalene-d10	12.24	152	11933	0.26	ng		0.00
14) 2,4,6-Tribromophenol	15.96	330	1616	0.48	ng		0.00
15) 2-Fluorobiphenyl	13.12	172	14339	0.19	ng		0.00
25) Fluoranthene-d10	19.24	212	100668	0.22	ng		0.01
29) Terphenyl-d14	19.83	244	25837	0.21	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.69	128	643065	2.013	ng		100
12) 2-Methylnaphthalene	12.31	142	129156	2.541	ng		100
16) Acenaphthylene	14.21	152	1049155	12.180	ng		99
17) Acenaphthene	14.54	154	72464	1.246	ng		95
18) Fluorene	15.52	166	315613	4.337	ng	#	86
22) Pentachlorophenol	16.88	266	103	0.200	ng	#	65
23) Phenanthrene	17.26	178	4269762	39.539	ng		95
24) Anthracene	17.34	178	709288	7.803	ng		96
26) Fluoranthene	19.41	202	531574	4.082	ng		99
28) Pyrene	19.63	202	6151467	40.928	ng	#	87
30) Benzo(a)anthracene	21.35	228	3191112	22.873	ng	#	88
31) Chrysene	21.35	228	1909988	12.015	ng		91
32) Bis(2-ethylhexyl)phthalate	21.29	149	140971	0.937	ng	#	95
33) Indeno(1,2,3-cd)pyrene	26.49	276	1789658	10.126	ng		98
35) Benzo(b)fluoranthene	23.10	252	4325386	27.674	ng	#	96
36) Benzo(k)fluoranthene	23.10	252	4325386	23.918	ng		97
37) Benzo(a)pyrene	23.75	252	2849786	19.543	ng		97
38) Dibenzo(a,h)anthracene	26.51	278	526381	3.466	ng	#	86
39) Benzo(g,h,i)perylene	27.31	276	2044818	12.891	ng		97

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

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ALS Vial : 14 Sample Multiplier: 1

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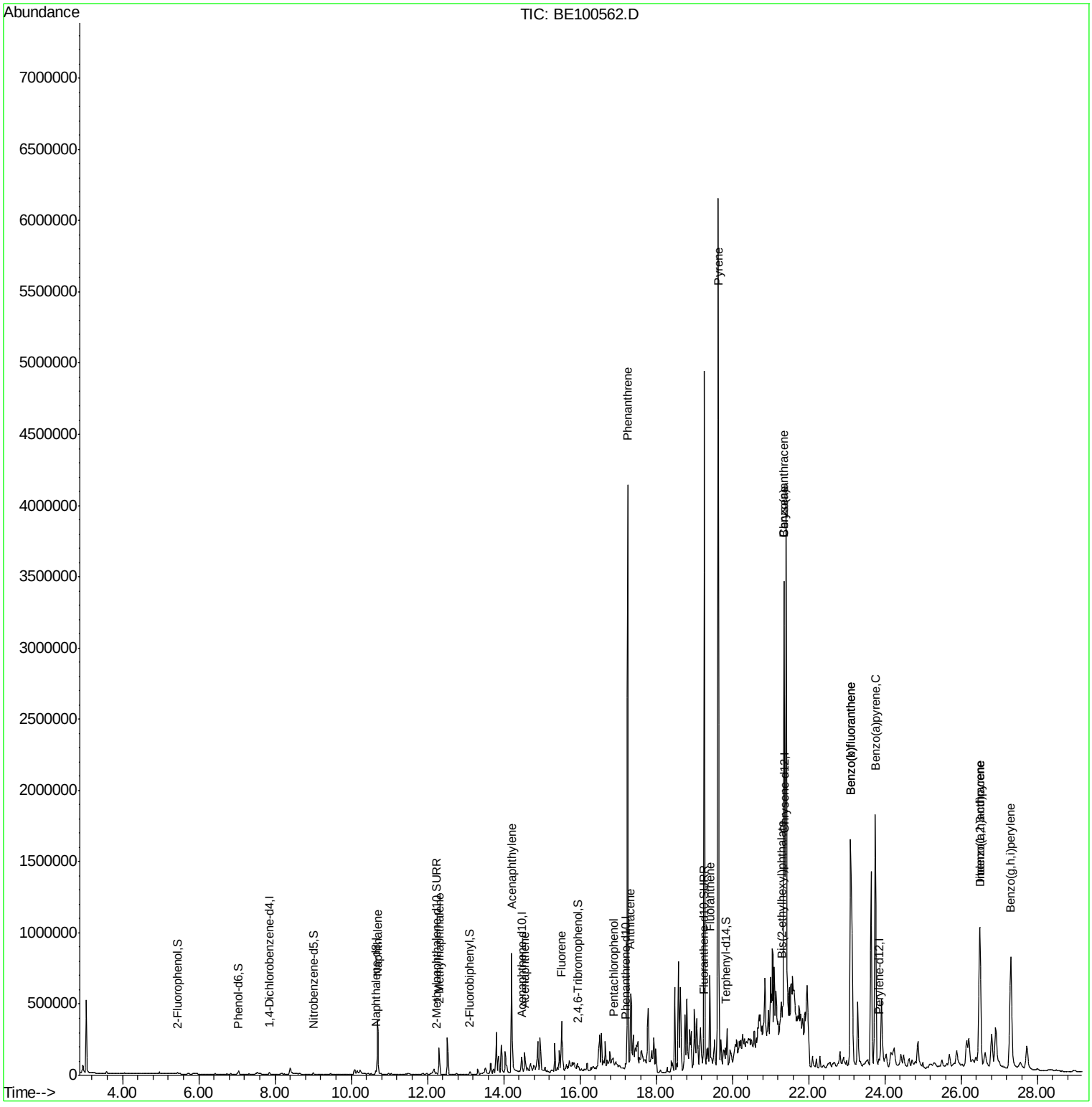
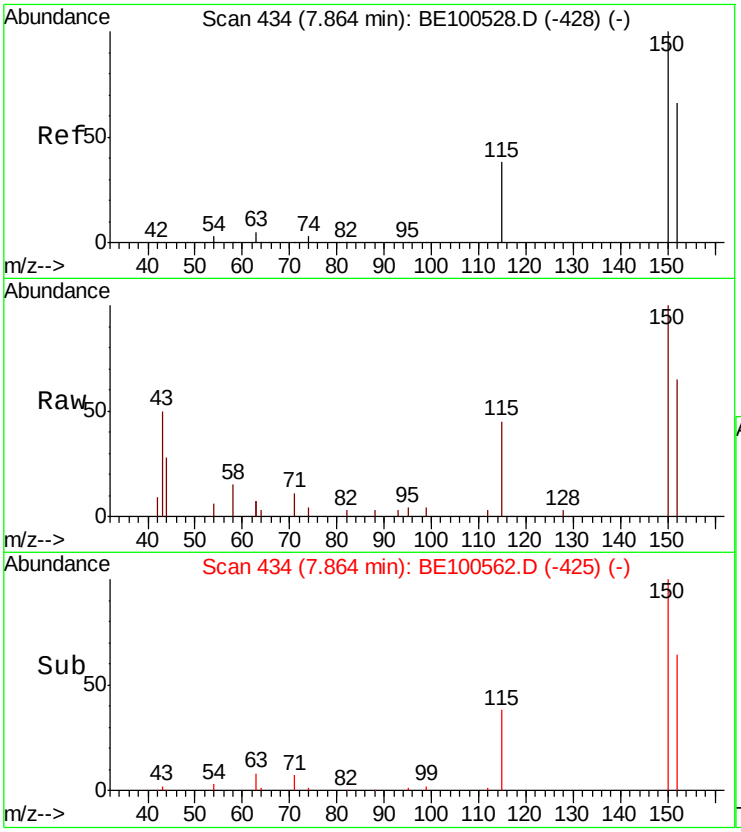
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 20 18:26:17 2019
Response via : Initial Calibration



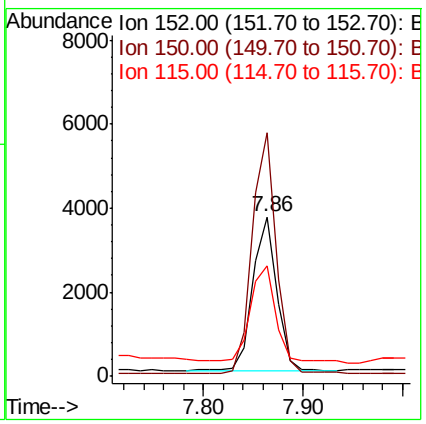


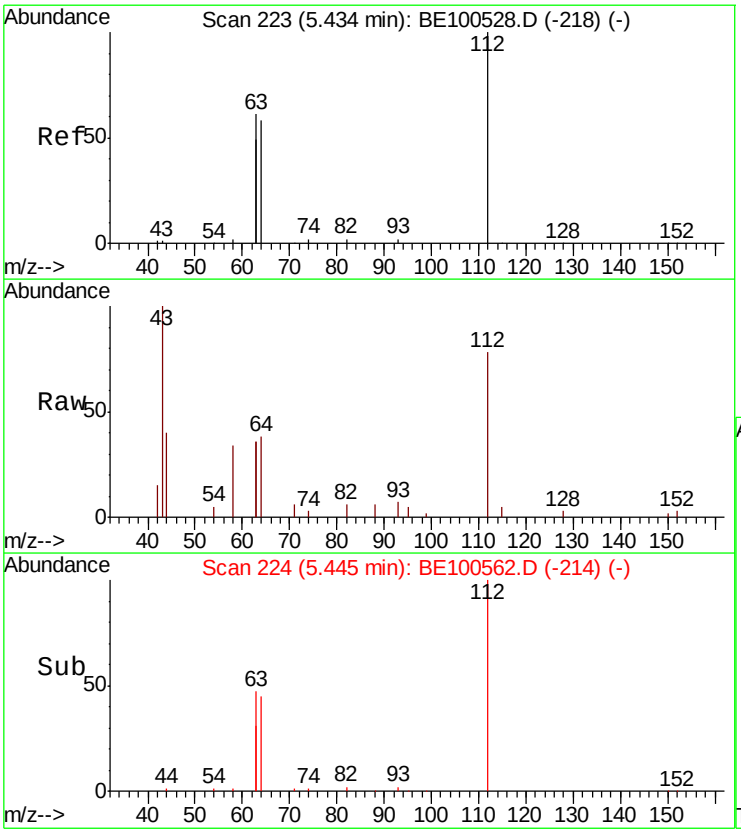
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE100562.D
Acq: 25 Sep 2019 18:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 6051

Ion	Ratio	Lower	Upper
152	100		
150	152.7	121.6	182.4
115	69.1	48.2	72.4

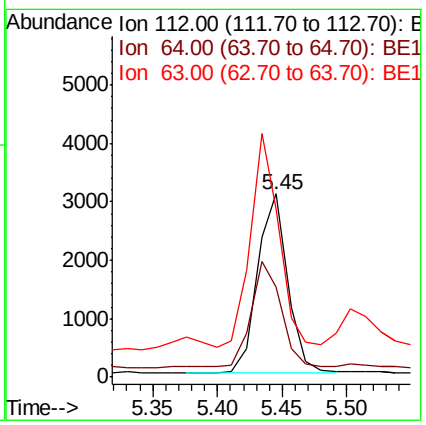


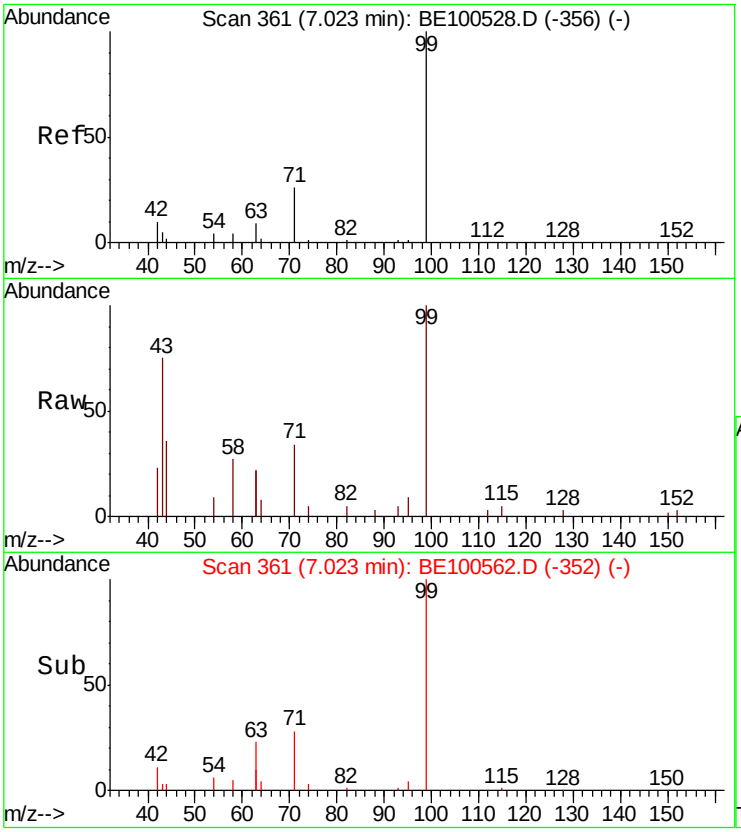


#4
2-Fluorophenol
Concen: 0.353 ng
RT: 5.45 min Scan# 224
Delta R.T. 0.01 min
Lab File: BE100562.D
Acq: 25 Sep 2019 18:28

Tgt Ion:112 Resp: 5001

Ion	Ratio	Lower	Upper
112	100		
64	57.7	44.1	66.1
63	110.9	86.5	129.7



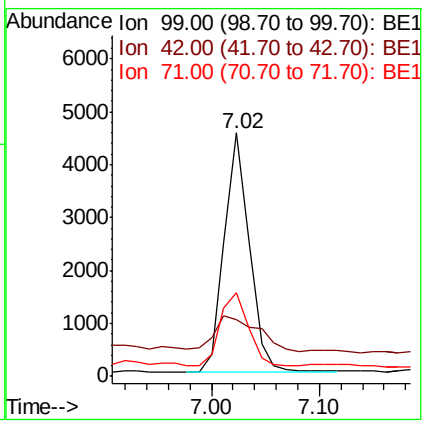


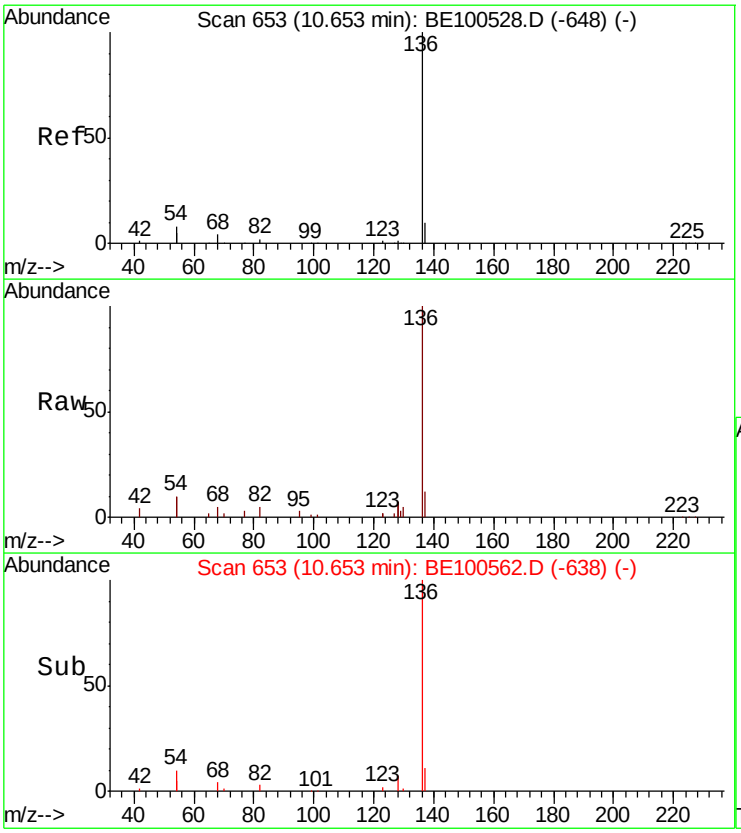
#5
Phenol-d6
Concen: 0.376 ng
RT: 7.02 min Scan# 361
Delta R.T. -0.00 min
Lab File: BE100562.D
Acq: 25 Sep 2019 18:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 7301

Ion	Ratio	Lower	Upper
99	100		
42	26.0	13.0	19.6#
71	34.0	23.4	35.0

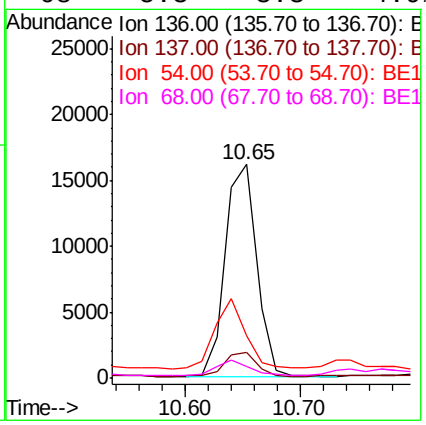


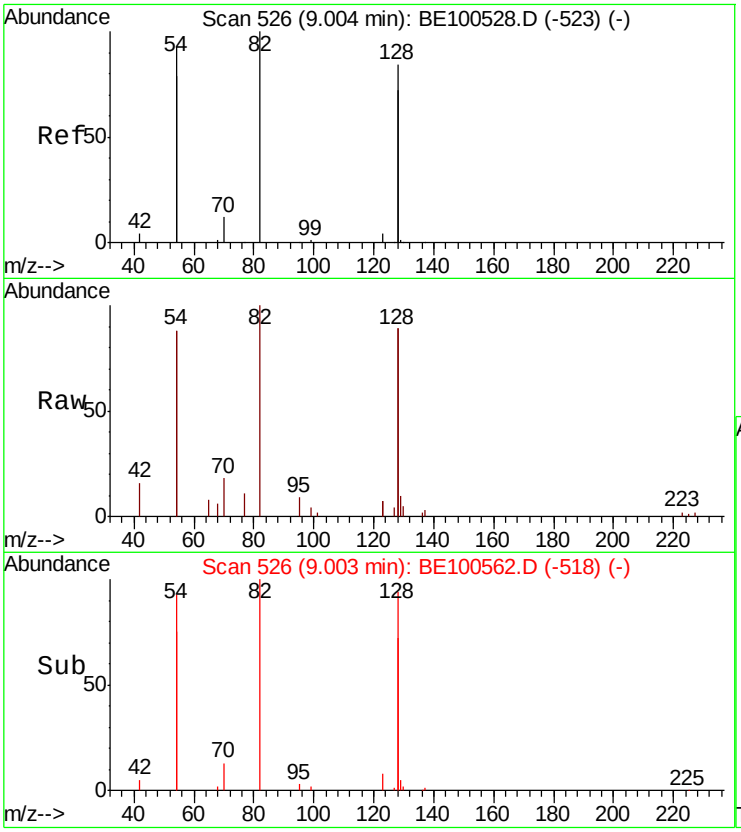


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.00 min
Lab File: BE100562.D
Acq: 25 Sep 2019 18:28

Tgt Ion:136 Resp: 30810

Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.6	13.0
54	19.6	12.4	18.6#
68	5.3	3.3	4.9#



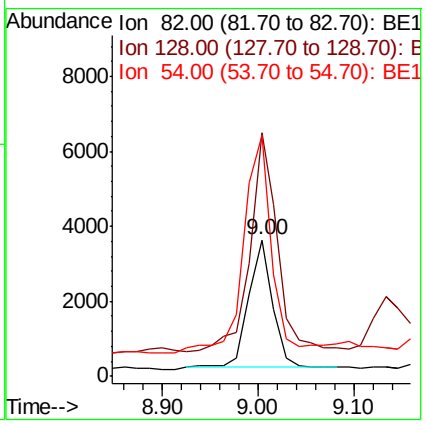


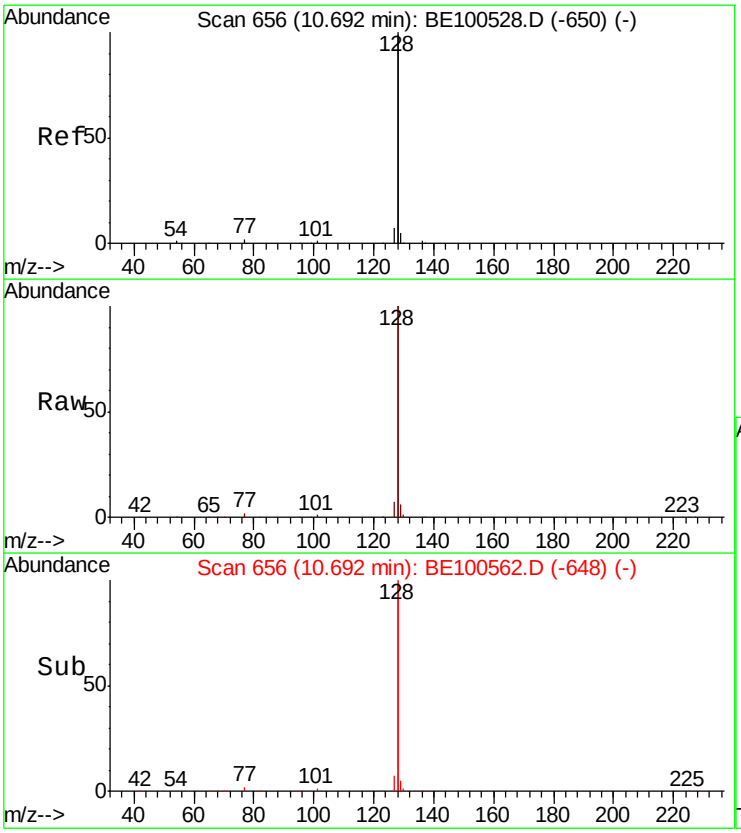
#8
Nitrobenzene-d5
Concen: 0.334 ng
RT: 9.00 min Scan# 526
Delta R.T. -0.00 min
Lab File: BE100562.D
Acq: 25 Sep 2019 18:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 82 Resp: 5936

Ion	Ratio	Lower	Upper
82	100		
128	178.8	129.4	194.2
54	176.6	143.3	214.9

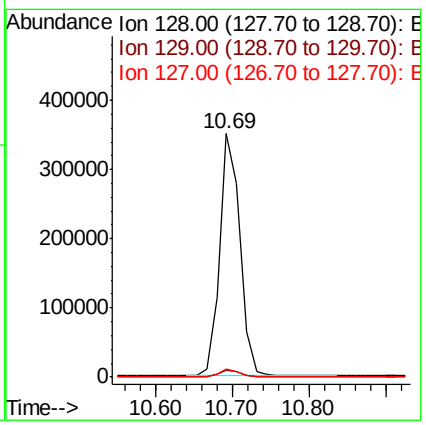


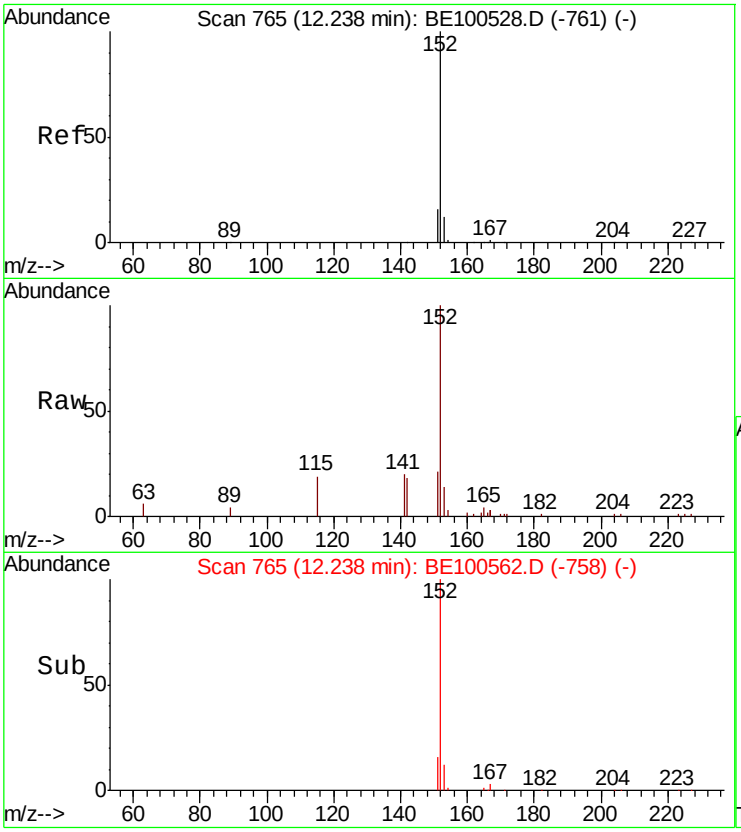


#9
Naphthalene
Concen: 2.013 ng
RT: 10.69 min Scan# 656
Delta R.T. -0.00 min
Lab File: BE100562.D
Acq: 25 Sep 2019 18:28

Tgt Ion:128 Resp: 643065

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



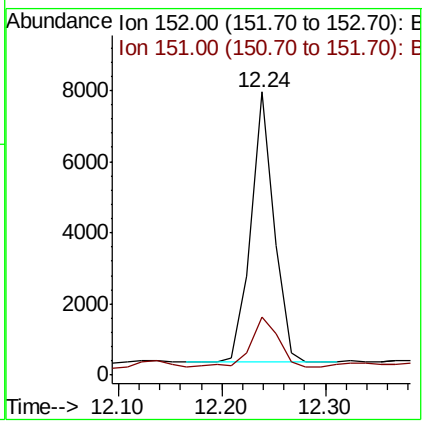


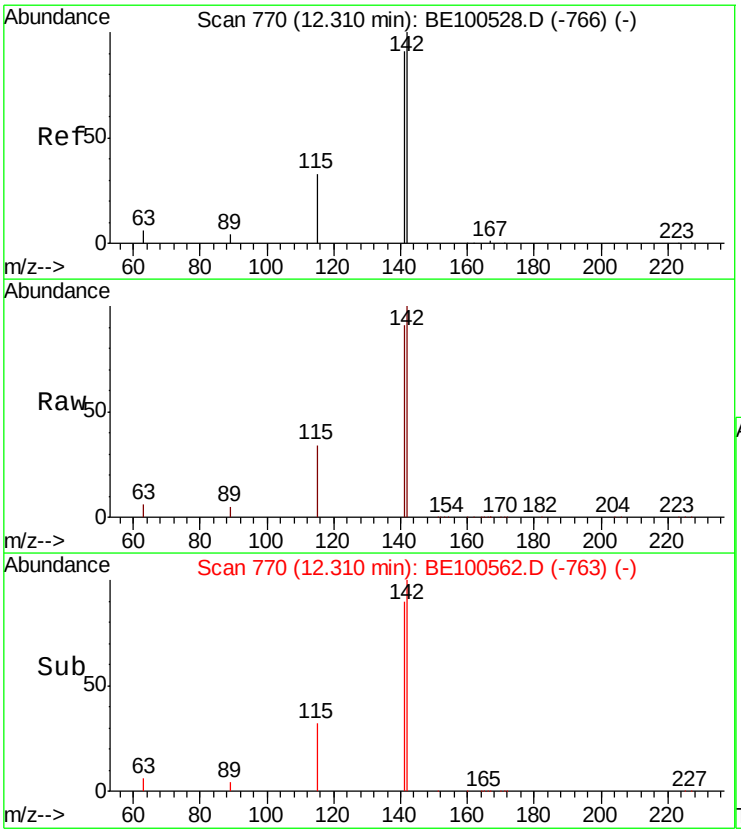
#11
2-Methylnaphthalene-d10
Concen: 0.259 ng
RT: 12.24 min Scan# 765
Delta R.T. 0.00 min
Lab File: BE100562.D
Acq: 25 Sep 2019 18:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 11933

Ion	Ratio	Lower	Upper
152	100		
151	21.4	15.3	22.9

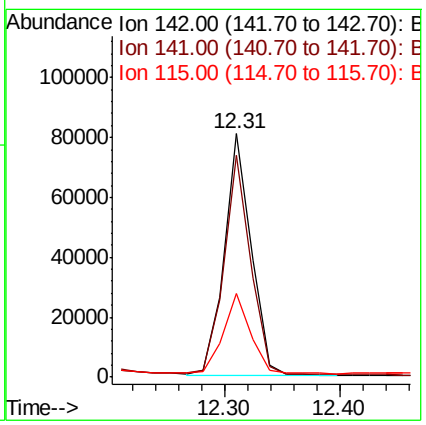


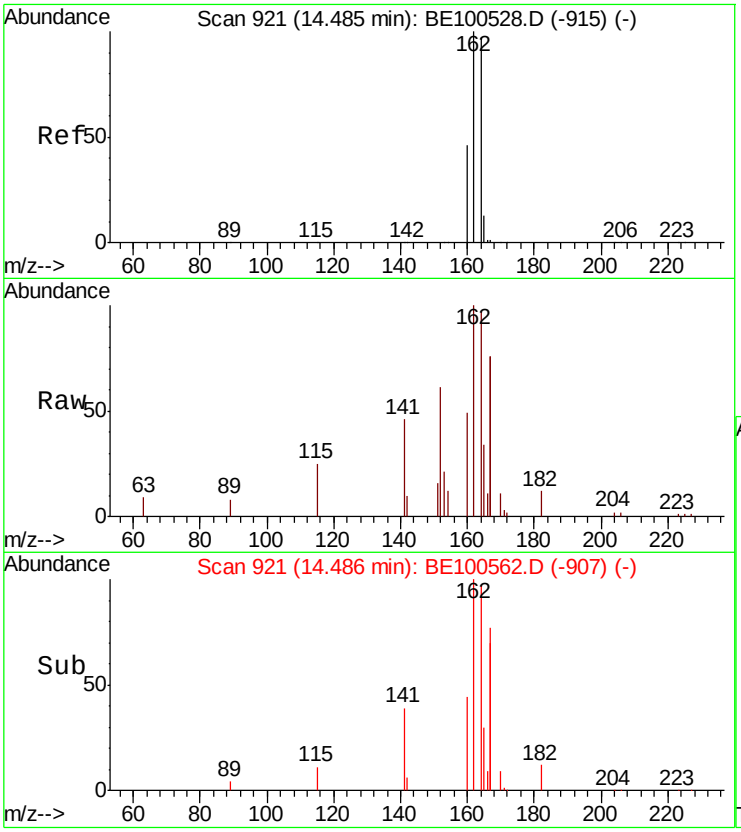


#12
2-Methylnaphthalene
Concen: 2.541 ng
RT: 12.31 min Scan# 770
Delta R.T. 0.00 min
Lab File: BE100562.D
Acq: 25 Sep 2019 18:28

Tgt Ion:142 Resp: 129156

Ion	Ratio	Lower	Upper
142	100		
141	90.9	72.5	108.7
115	34.1	27.2	40.8



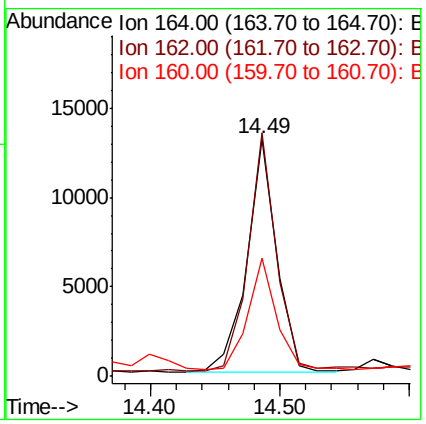


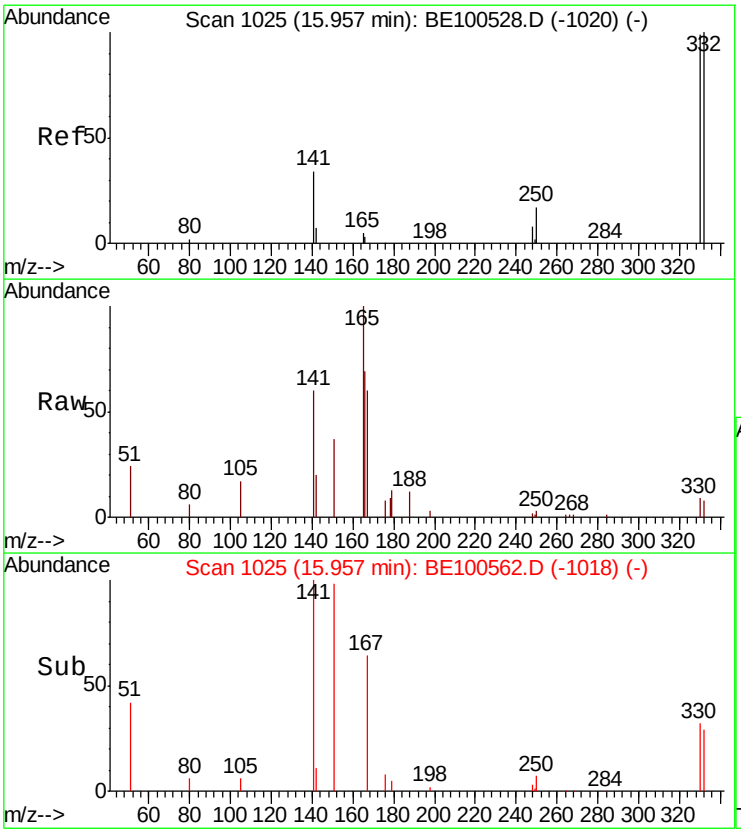
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. 0.00 min
Lab File: BE100562.D
Acq: 25 Sep 2019 18:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 20921

Ion	Ratio	Lower	Upper
164	100		
162	102.6	82.1	123.1
160	50.0	37.6	56.4

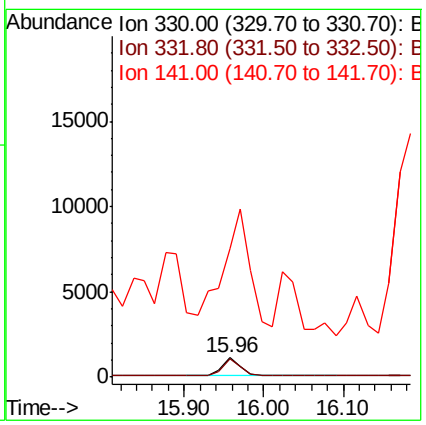


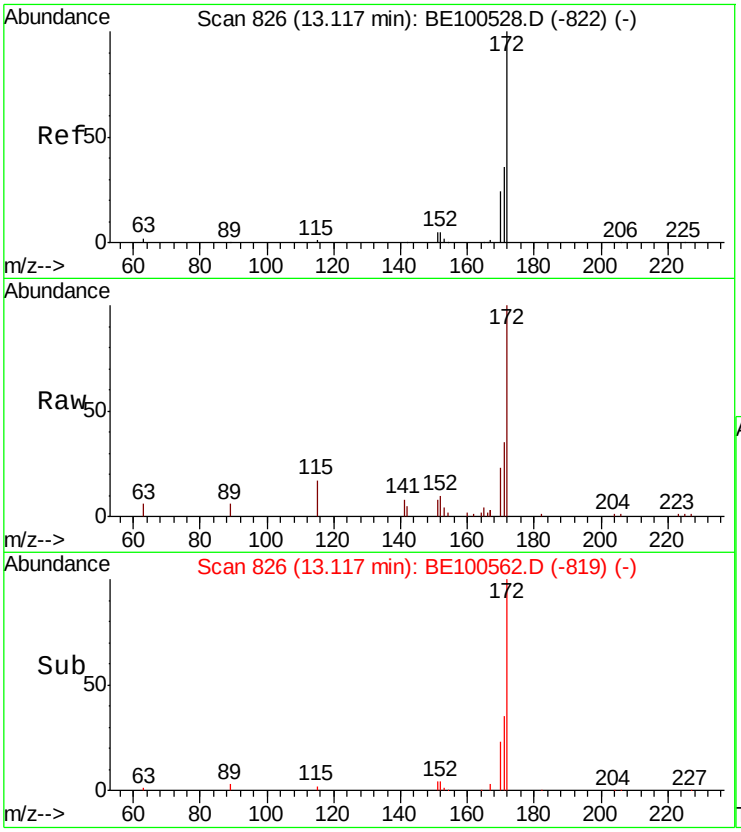


#14
2,4,6-Tribromophenol
Concen: 0.478 ng
RT: 15.96 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BE100562.D
Acq: 25 Sep 2019 18:28

Tgt Ion:330 Resp: 1616

Ion	Ratio	Lower	Upper
330	100		
332	87.3	75.5	113.3
141	967.7	42.3	63.5#



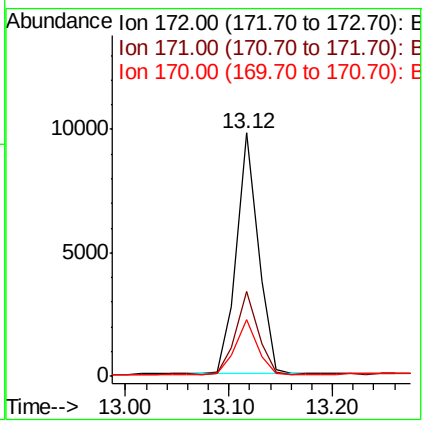


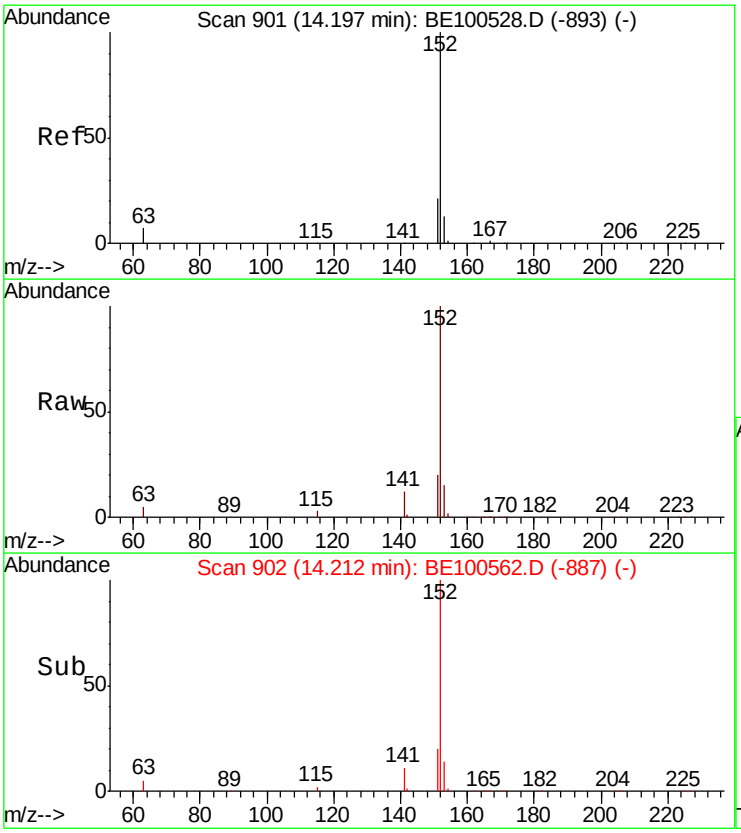
#15
2-Fluorobiphenyl
Concen: 0.192 ng
RT: 13.12 min Scan# 826
Delta R.T. 0.00 min
Lab File: BE100562.D
Acq: 25 Sep 2019 18:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 14339

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.8	43.2
170	23.3	19.4	29.0

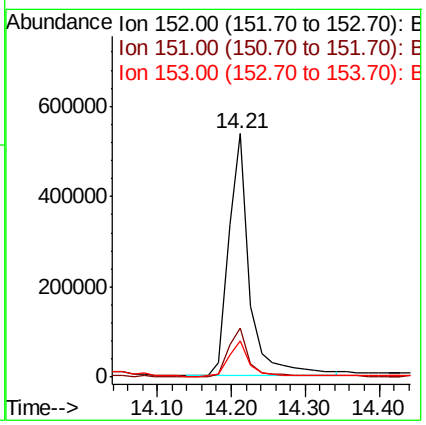


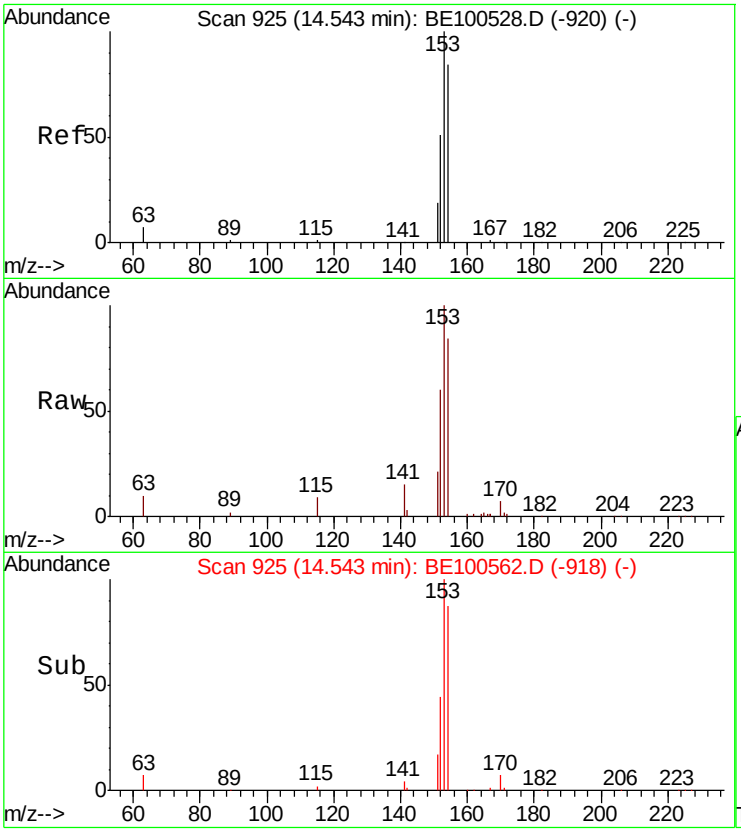


#16
Acenaphthylene
Concen: 12.180 ng
RT: 14.21 min Scan# 902
Delta R.T. 0.01 min
Lab File: BE100562.D
Acq: 25 Sep 2019 18:28

Tgt Ion:152 Resp: 1049155

Ion	Ratio	Lower	Upper
152	100		
151	20.4	15.9	23.9
153	14.1	10.7	16.1



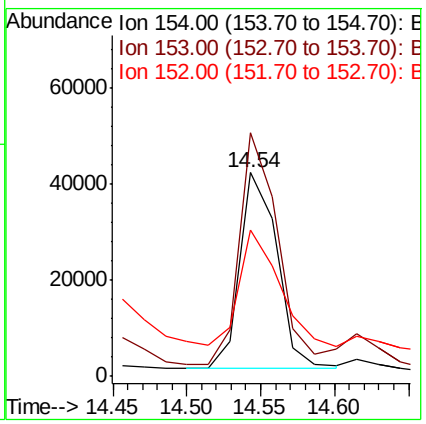


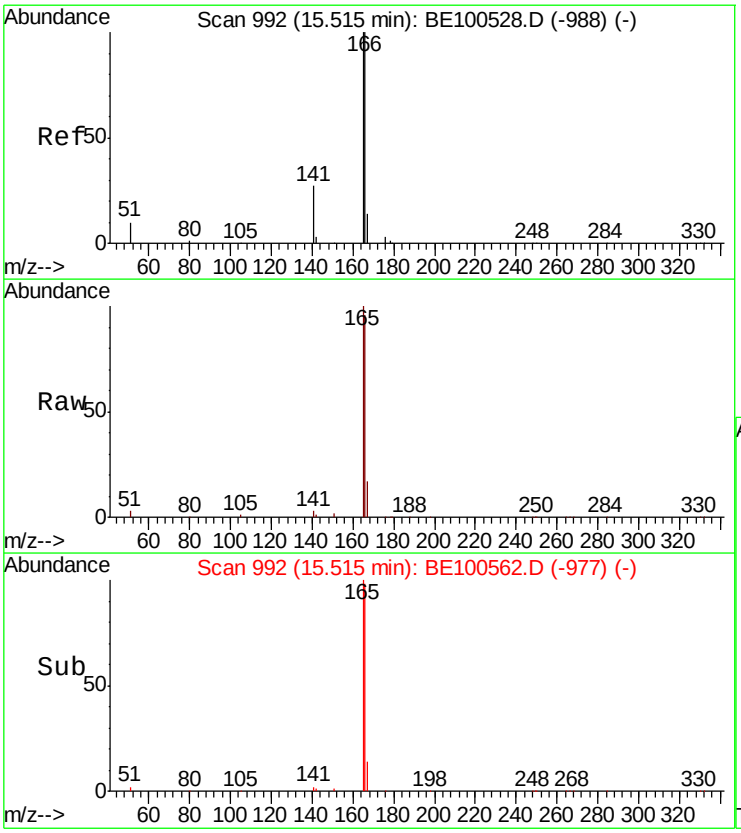
#17
Acenaphthene
Concen: 1.246 ng
RT: 14.54 min Scan# 925
Delta R.T. 0.00 min
Lab File: BE100562.D
Acq: 25 Sep 2019 18:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 72464

Ion	Ratio	Lower	Upper
154	100		
153	123.4	93.7	140.5
152	62.5	47.3	70.9

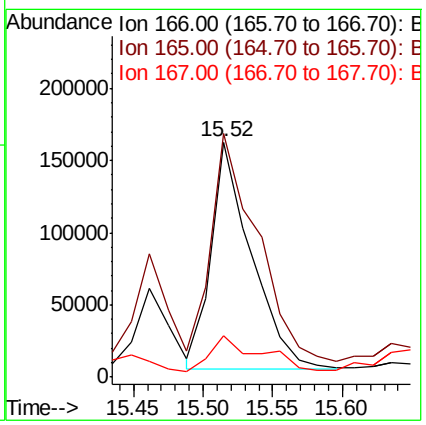


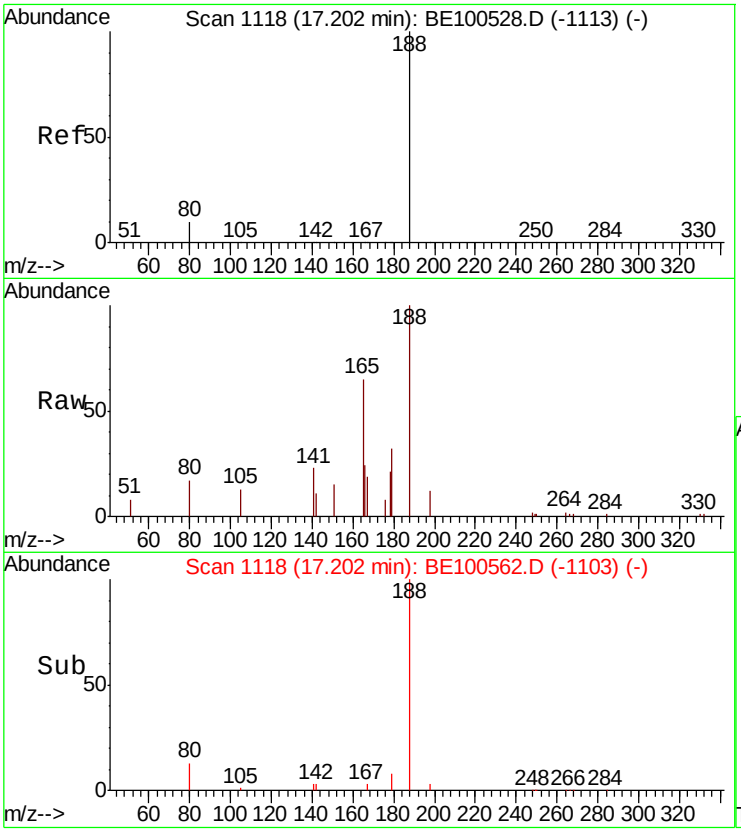


#18
Fluorene
Concen: 4.337 ng
RT: 15.52 min Scan# 992
Delta R.T. -0.00 min
Lab File: BE100562.D
Acq: 25 Sep 2019 18:28

Tgt Ion:166 Resp: 315613

Ion	Ratio	Lower	Upper
166	100		
165	113.7	80.1	120.1
167	19.2	10.9	16.3#



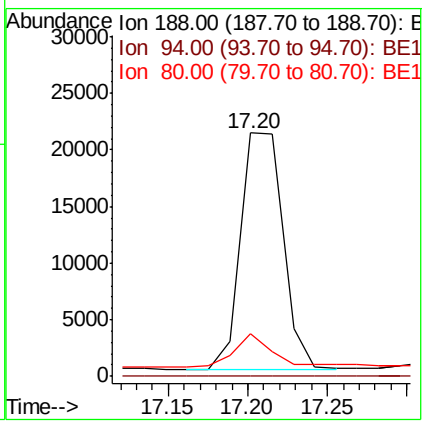


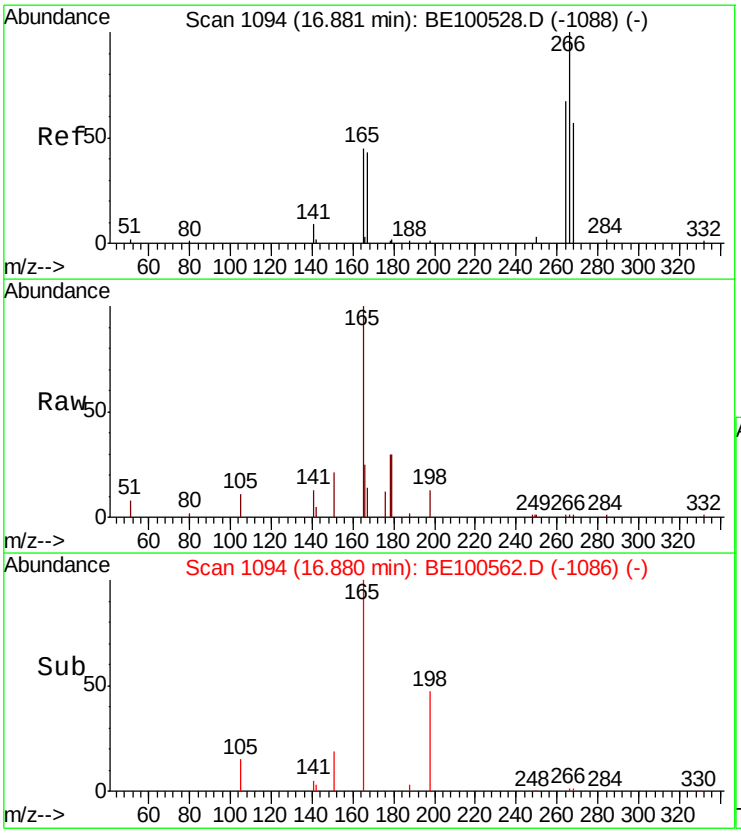
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.20 min Scan# 1118
Delta R.T. -0.00 min
Lab File: BE100562.D
Acq: 25 Sep 2019 18:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 38756

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	17.4	8.0	12.0#

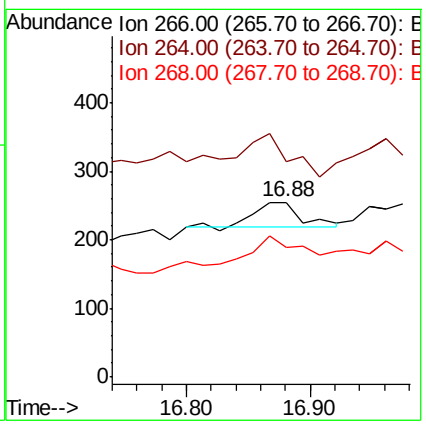


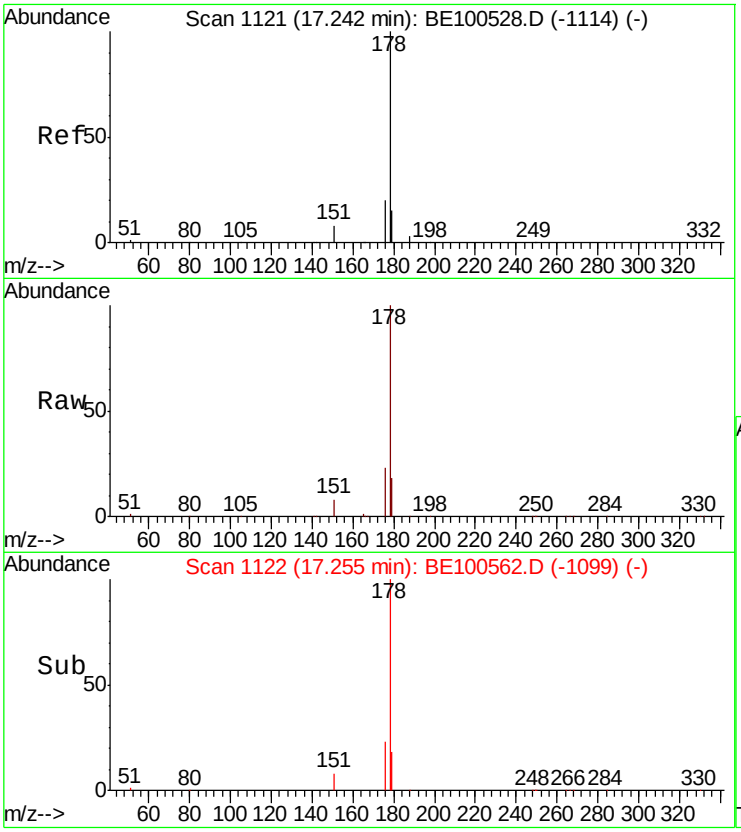


#22
Pentachlorophenol
Concen: 0.200 ng
RT: 16.88 min Scan# 1094
Delta R.T. 0.00 min
Lab File: BE100562.D
Acq: 25 Sep 2019 18:28

Tgt Ion:266 Resp: 103

Ion	Ratio	Lower	Upper
266	100		
264	123.1	57.6	86.4#
268	74.1	55.1	82.7



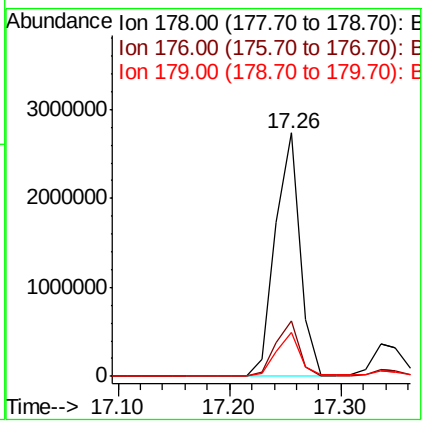


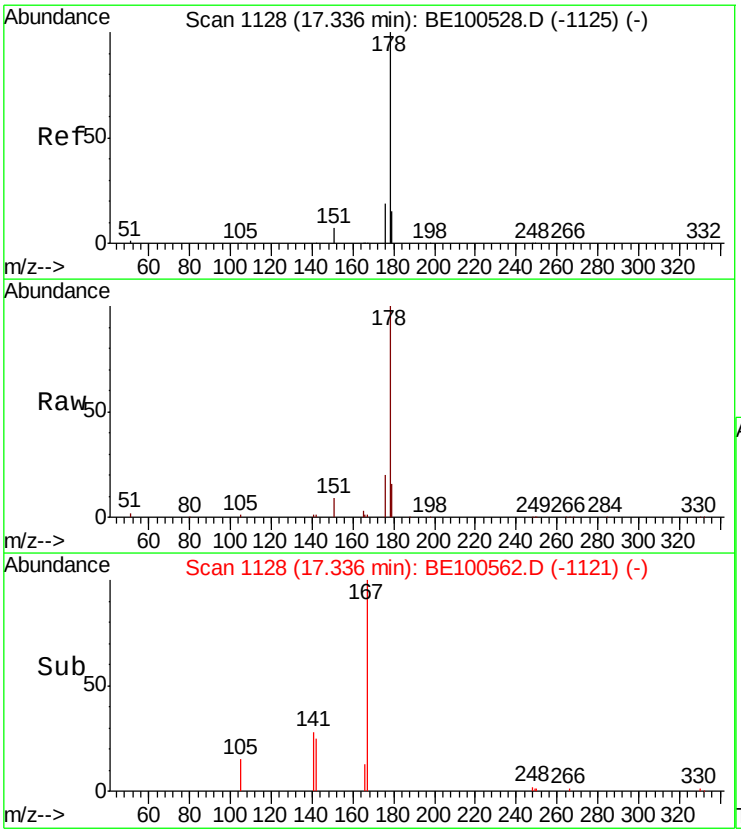
#23
Phenanthrene
Concen: 39.539 ng
RT: 17.26 min Scan# 1122
Delta R.T. 0.01 min
Lab File: BE100562.D
Acq: 25 Sep 2019 18:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 4269762

Ion	Ratio	Lower	Upper
178	100		
176	21.7	15.4	23.2
179	17.3	12.6	18.8

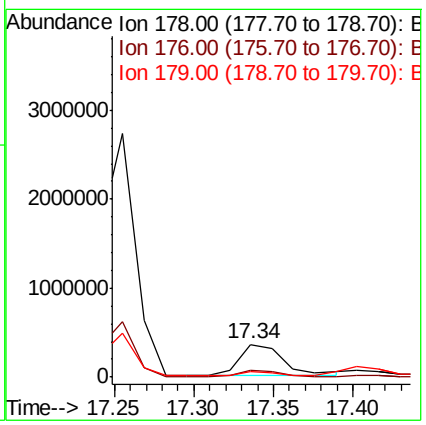


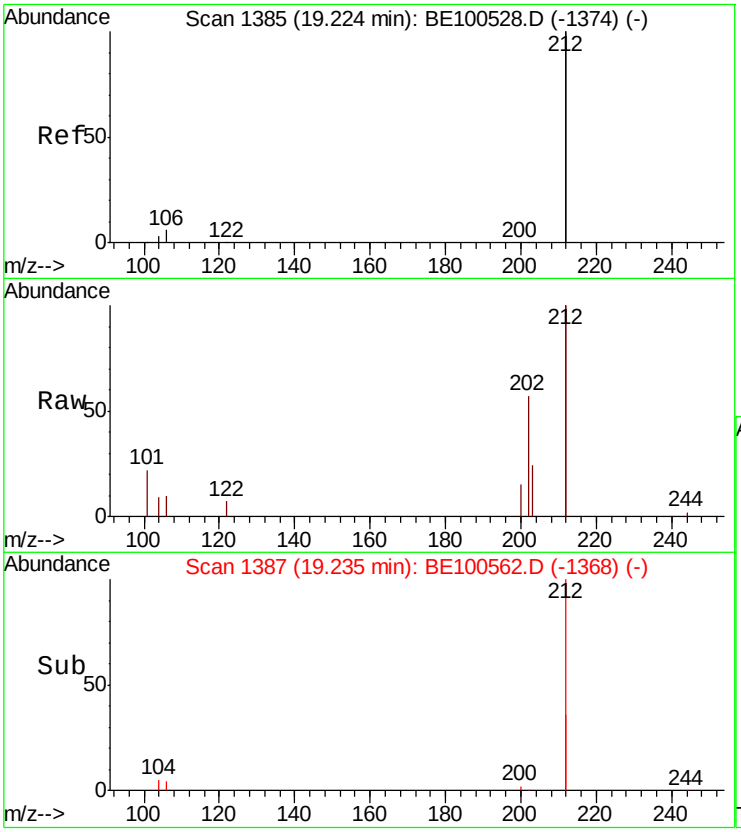


#24
Anthracene
Concen: 7.803 ng
RT: 17.34 min Scan# 1128
Delta R.T. -0.00 min
Lab File: BE100562.D
Acq: 25 Sep 2019 18:28

Tgt Ion:178 Resp: 709288

Ion	Ratio	Lower	Upper
178	100		
176	17.7	15.2	22.8
179	12.6	12.2	18.4



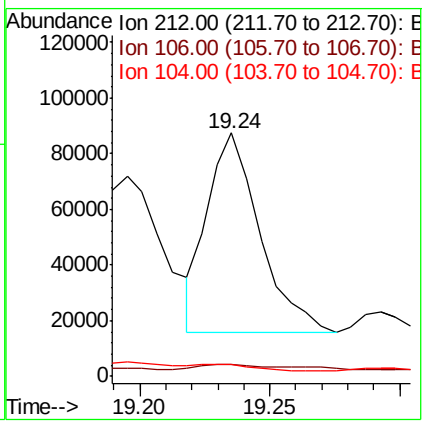


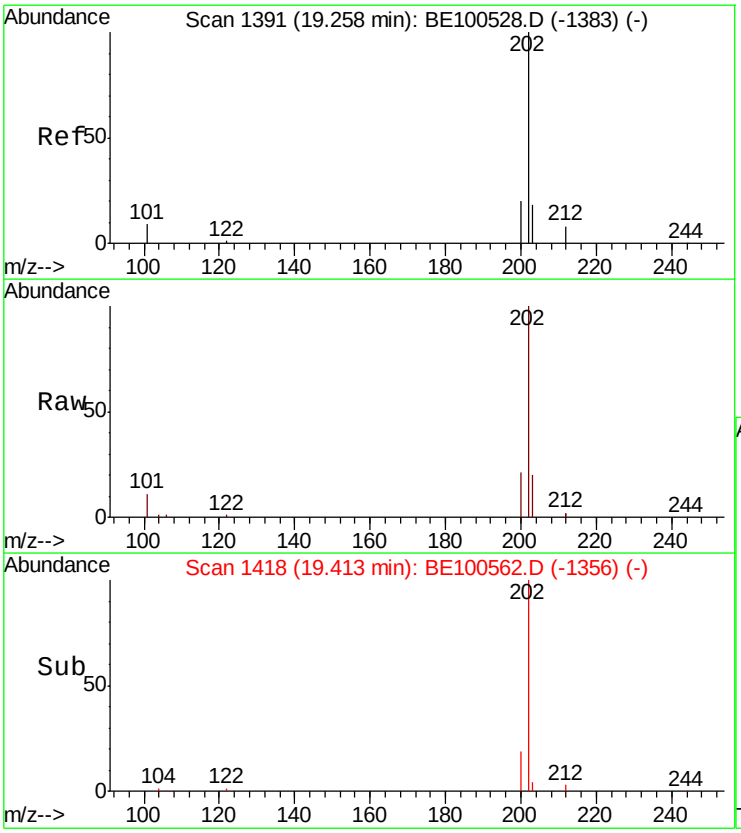
#25
Fluoranthene-d10
Concen: 0.218 ng
RT: 19.24 min Scan# 1387
Delta R.T. 0.01 min
Lab File: BE100562.D
Acq: 25 Sep 2019 18:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 100668

Ion	Ratio	Lower	Upper
212	100		
106	2.7	2.3	3.5
104	3.4	1.3	1.9#

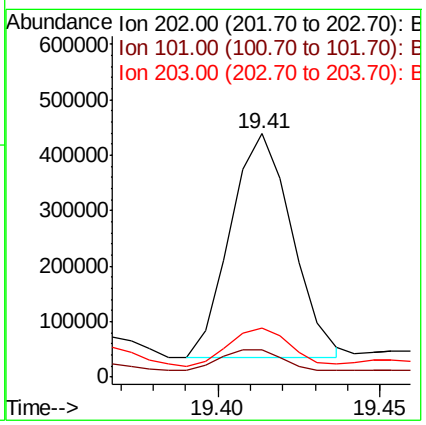


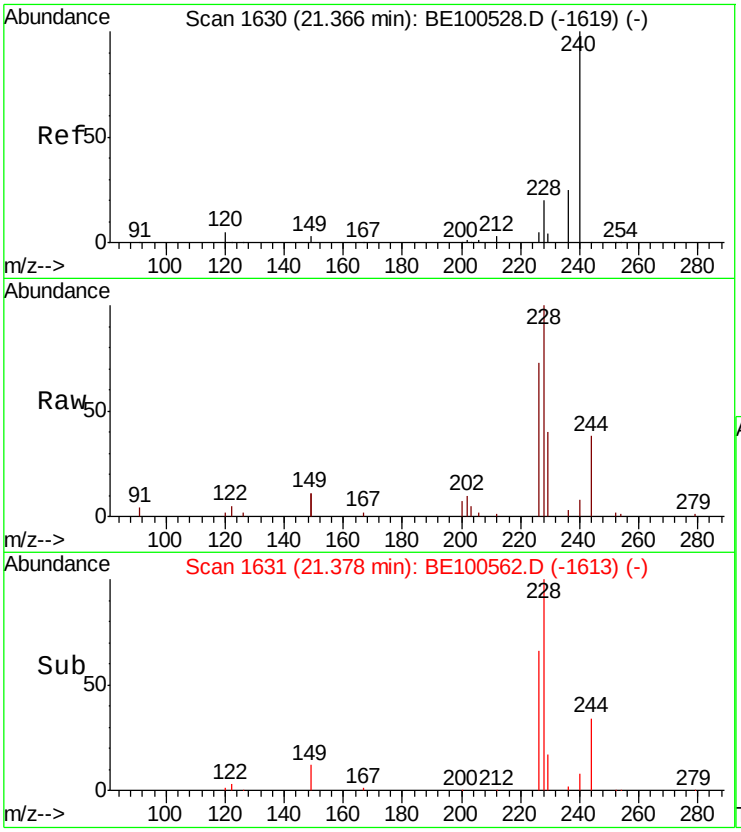


#26
Fluoranthene
Concen: 4.082 ng
RT: 19.41 min Scan# 1418
Delta R.T. 0.15 min
Lab File: BE100562.D
Acq: 25 Sep 2019 18:28

Tgt Ion:202 Resp: 531574

Ion	Ratio	Lower	Upper
202	100		
101	9.6	8.8	13.2
203	17.1	13.7	20.5



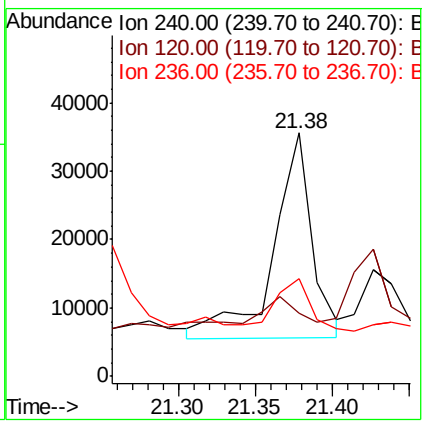


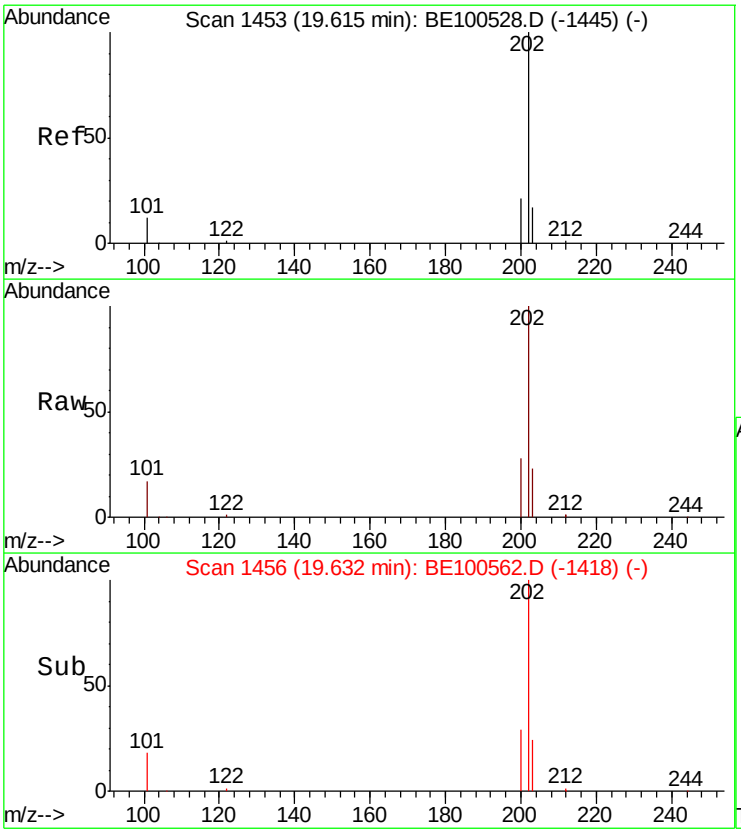
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.38 min Scan# 1631
Delta R.T. 0.01 min
Lab File: BE100562.D
Acq: 25 Sep 2019 18:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 52236

Ion	Ratio	Lower	Upper
240	100		
120	25.8	4.5	6.7#
236	40.2	20.6	30.8#

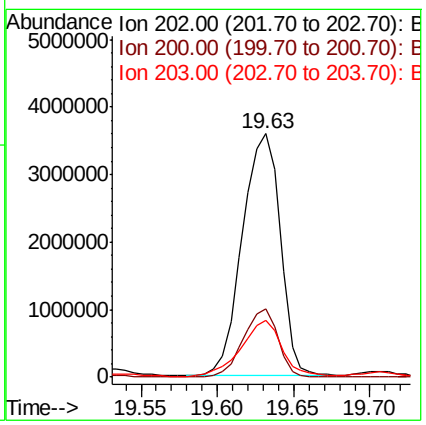


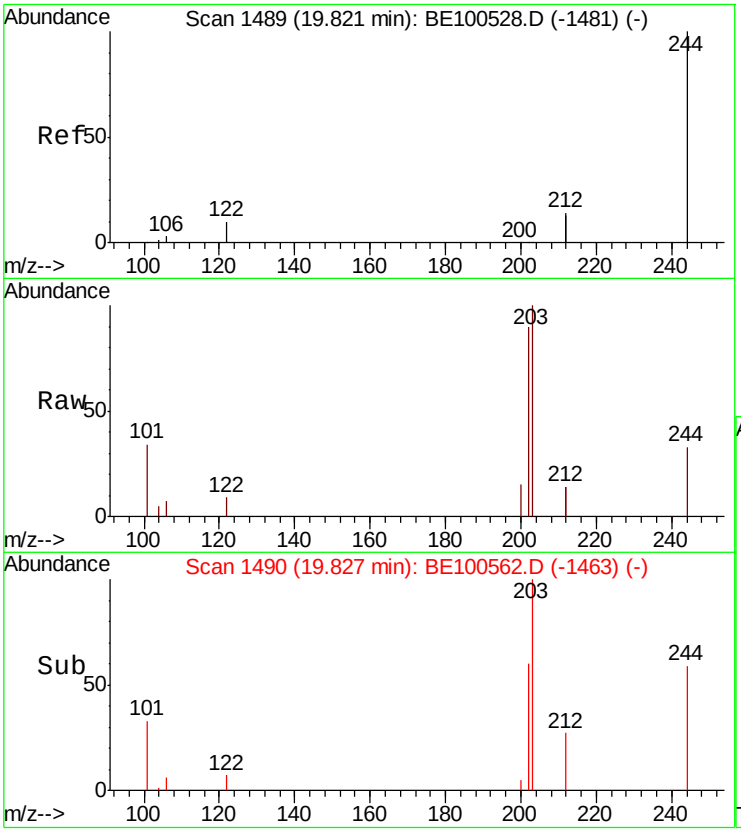


#28
Pyrene
Concen: 40.928 ng
RT: 19.63 min Scan# 1456
Delta R.T. 0.02 min
Lab File: BE100562.D
Acq: 25 Sep 2019 18:28

Tgt Ion:202 Resp: 6151467

Ion	Ratio	Lower	Upper
202	100		
200	25.4	16.6	25.0#
203	24.6	14.0	21.0#



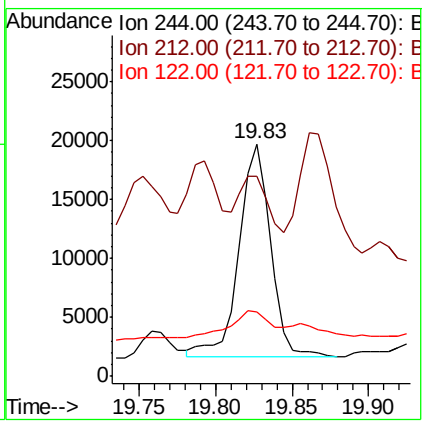


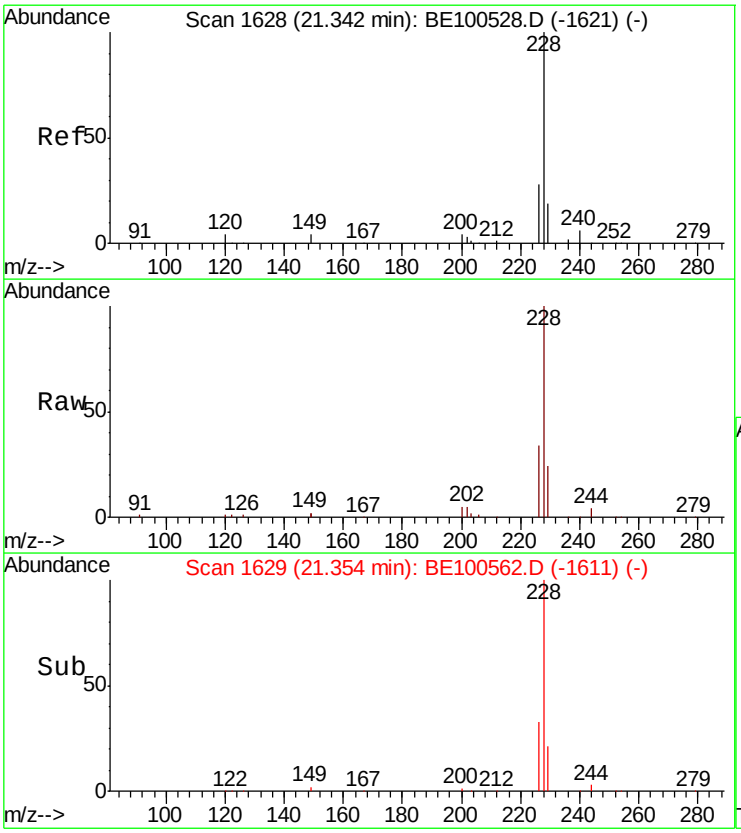
#29
Terphenyl-d14
Concen: 0.209 ng
RT: 19.83 min Scan# 1490
Delta R.T. 0.01 min
Lab File: BE100562.D
Acq: 25 Sep 2019 18:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 25837

Ion	Ratio	Lower	Upper
244	100		
212	85.9	22.2	33.2#
122	27.5	8.3	12.5#

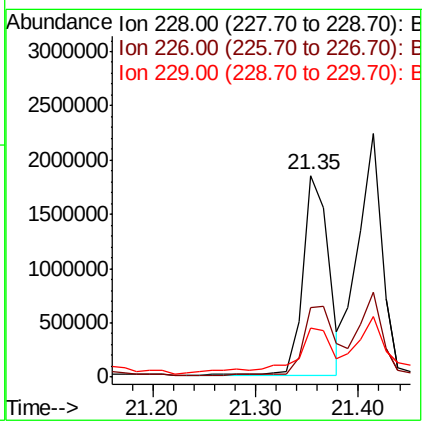


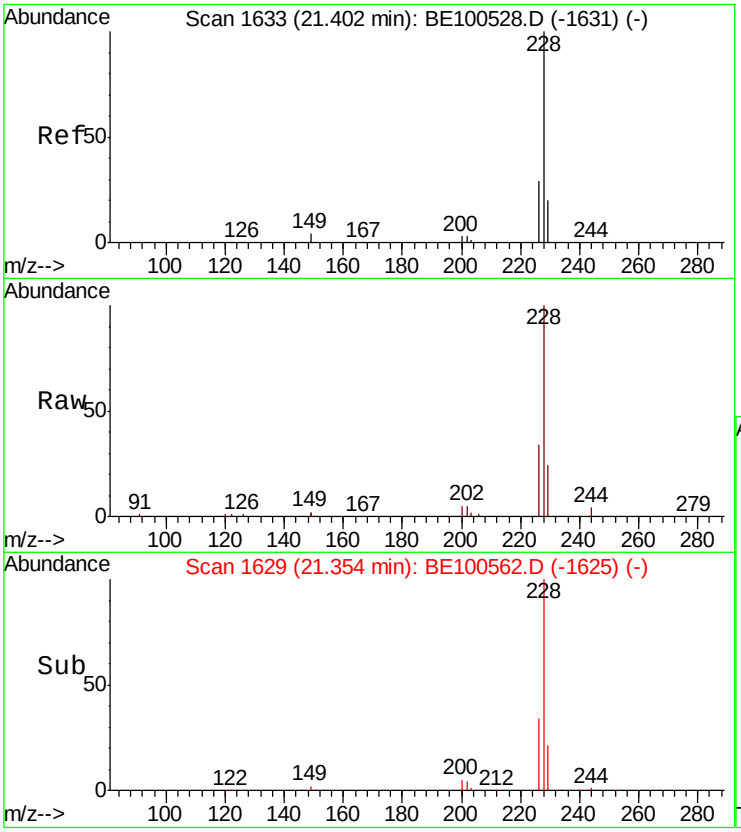


#30
Benzo(a)anthracene
Concen: 22.873 ng
RT: 21.35 min Scan# 1629
Delta R.T. 0.01 min
Lab File: BE100562.D
Acq: 25 Sep 2019 18:28

Tgt Ion:228 Resp: 3191112

Ion	Ratio	Lower	Upper
228	100		
226	34.5	22.5	33.7#
229	24.4	15.4	23.2#



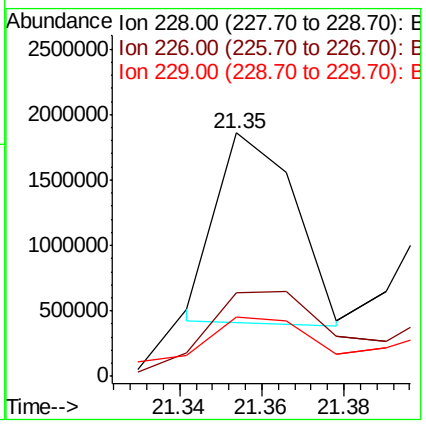


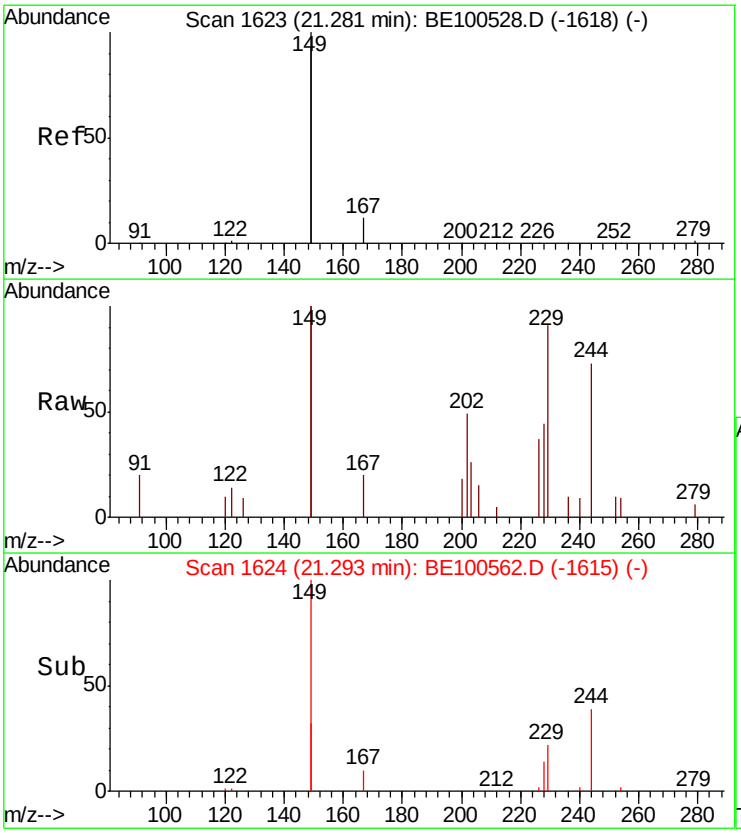
#31
Chrysene
Concen: 12.015 ng
RT: 21.35 min Scan# 1629
Delta R.T. -0.05 min
Lab File: BE100562.D
Acq: 25 Sep 2019 18:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 1909988

Ion	Ratio	Lower	Upper
228	100		
226	34.5	23.3	34.9
229	24.4	16.3	24.5

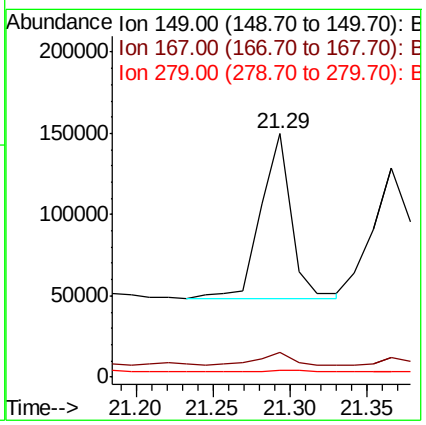


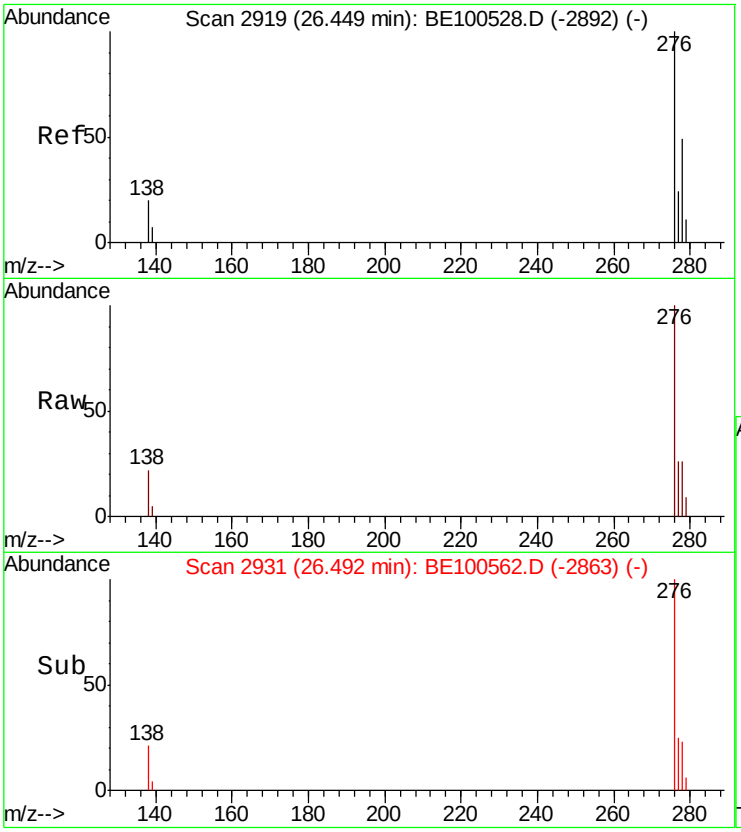


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.937 ng
RT: 21.29 min Scan# 1624
Delta R.T. 0.01 min
Lab File: BE100562.D
Acq: 25 Sep 2019 18:28

Tgt Ion:149 Resp: 140971

Ion	Ratio	Lower	Upper
149	100		
167	8.3	5.2	7.8#
279	1.1	1.0	1.4



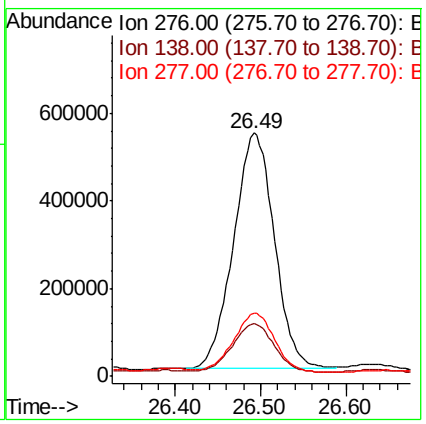


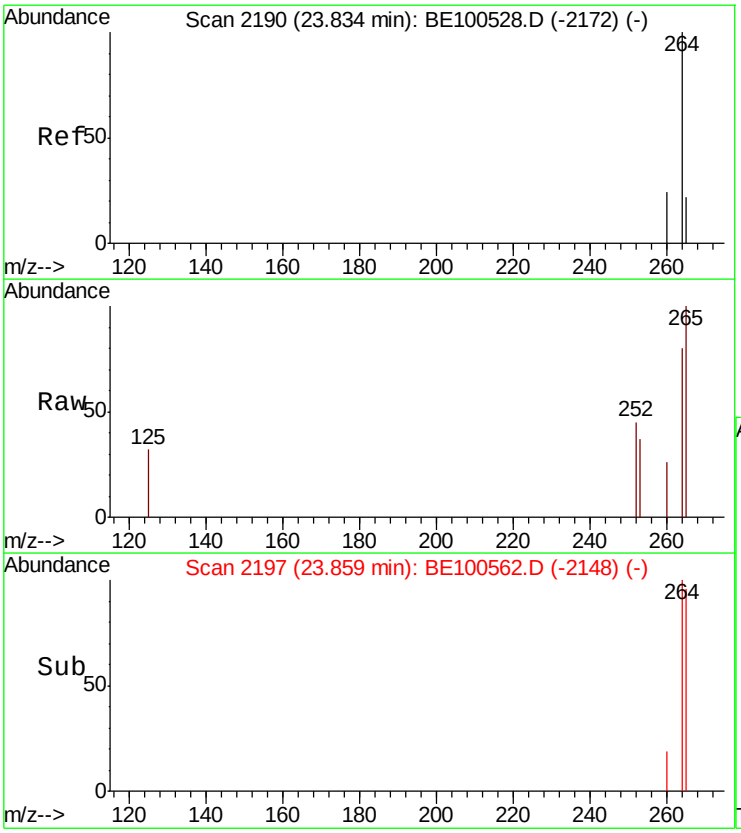
#33
Indeno(1,2,3-cd)pyrene
Concen: 10.126 ng
RT: 26.49 min Scan# 2931
Delta R.T. 0.04 min
Lab File: BE100562.D
Acq: 25 Sep 2019 18:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 1789658

Ion	Ratio	Lower	Upper
276	100		
138	21.0	17.7	26.5
277	25.3	19.9	29.9

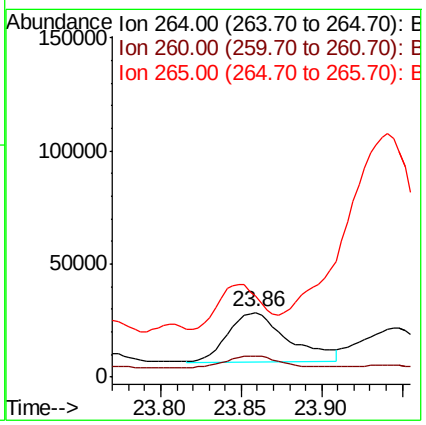


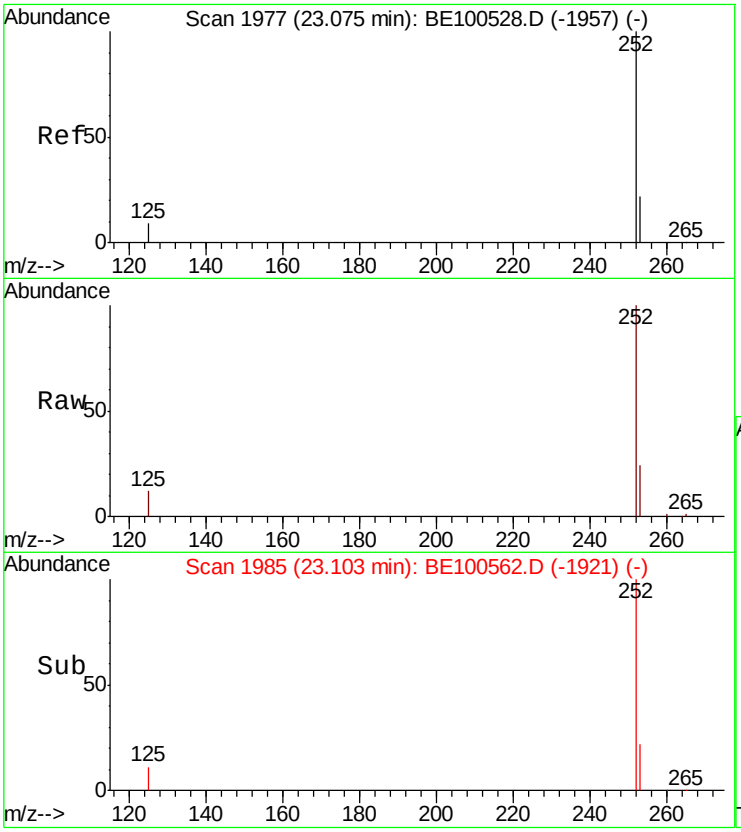


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.86 min Scan# 2197
Delta R.T. 0.02 min
Lab File: BE100562.D
Acq: 25 Sep 2019 18:28

Tgt Ion:264 Resp: 57766

Ion	Ratio	Lower	Upper
264	100		
260	32.8	19.6	29.4#
265	125.1	21.8	32.8#



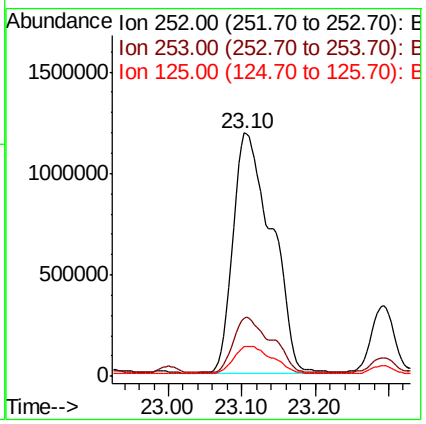


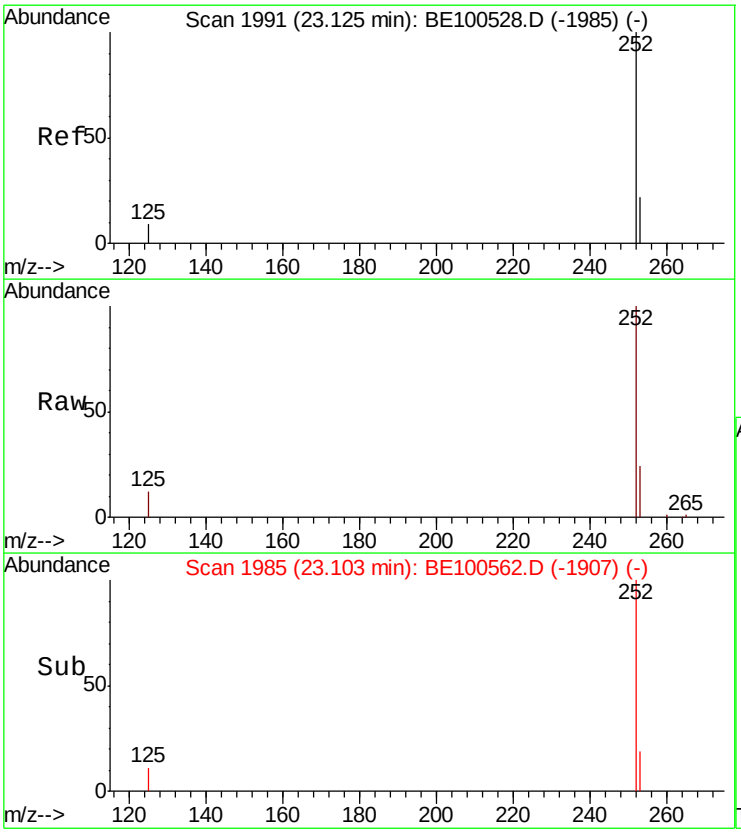
#35
Benzo(b)fluoranthene
Concen: 27.674 ng
RT: 23.10 min Scan# 1985
Delta R.T. 0.03 min
Lab File: BE100562.D
Acq: 25 Sep 2019 18:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 4325386

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.1	27.1
125	12.1	8.0	12.0#

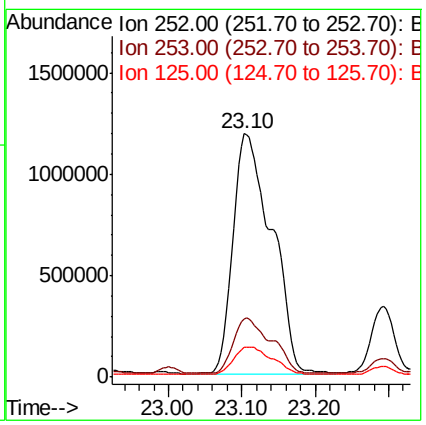


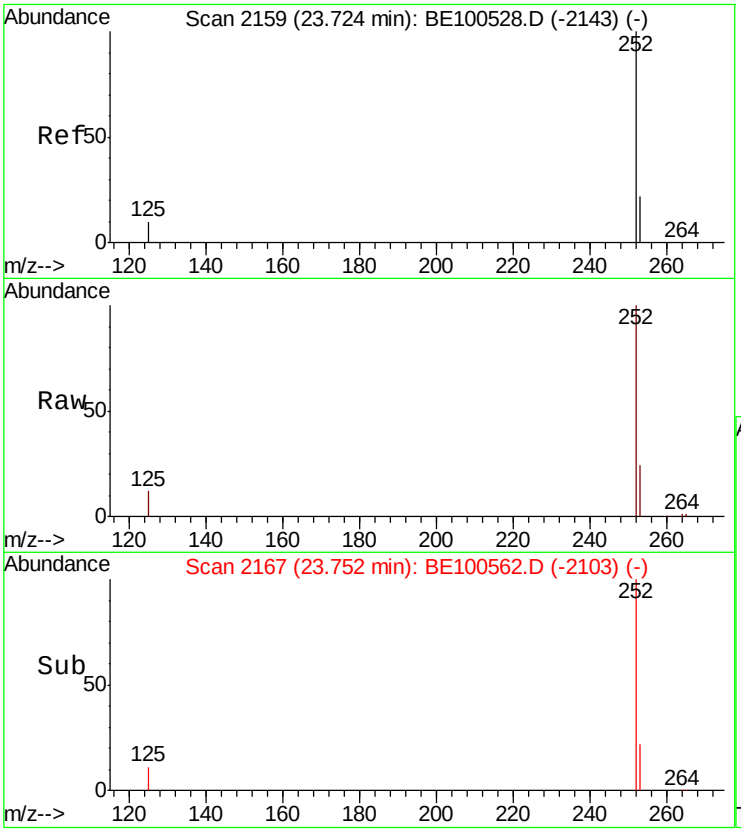


#36
Benzo(k)fluoranthene
Concen: 23.918 ng
RT: 23.10 min Scan# 1985
Delta R.T. -0.02 min
Lab File: BE100562.D
Acq: 25 Sep 2019 18:28

Tgt Ion:252 Resp: 4325386

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.9	26.9
125	12.1	8.5	12.7



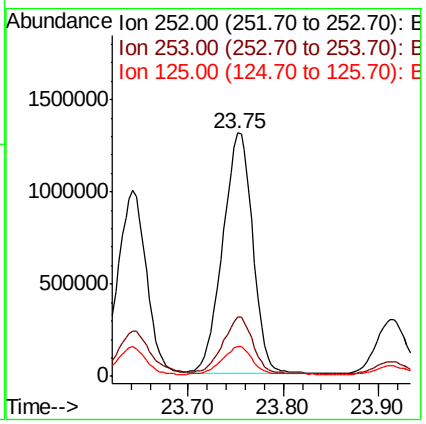


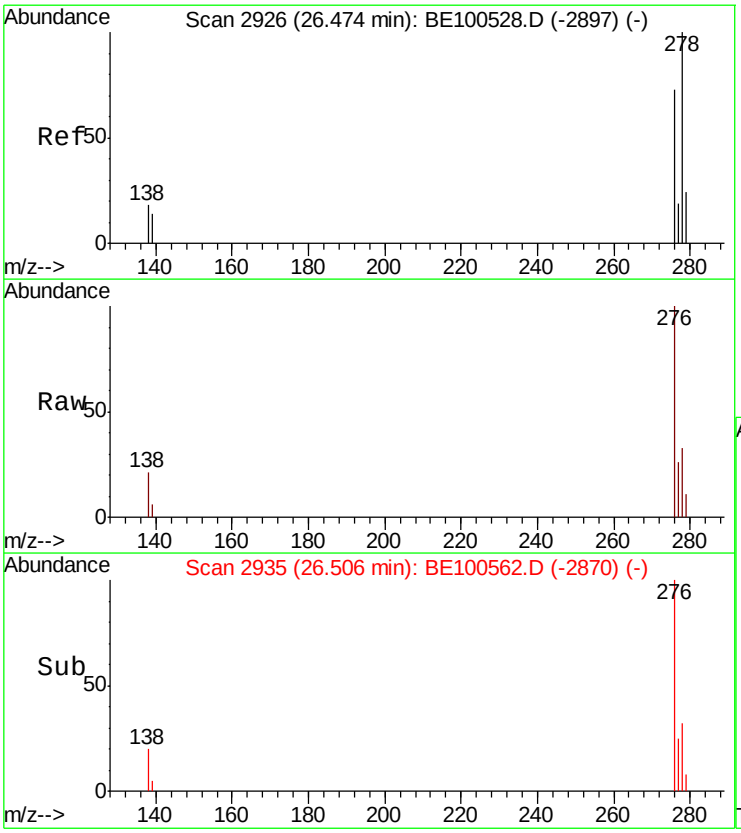
#37
Benzo(a)pyrene
Concen: 19.543 ng
RT: 23.75 min Scan# 2167
Delta R.T. 0.03 min
Lab File: BE100562.D
Acq: 25 Sep 2019 18:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 2849786

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.1	27.1
125	12.3	9.2	13.8

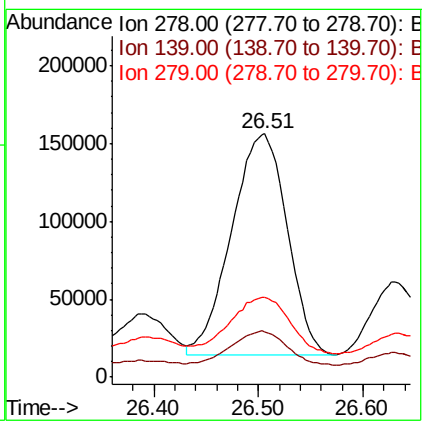


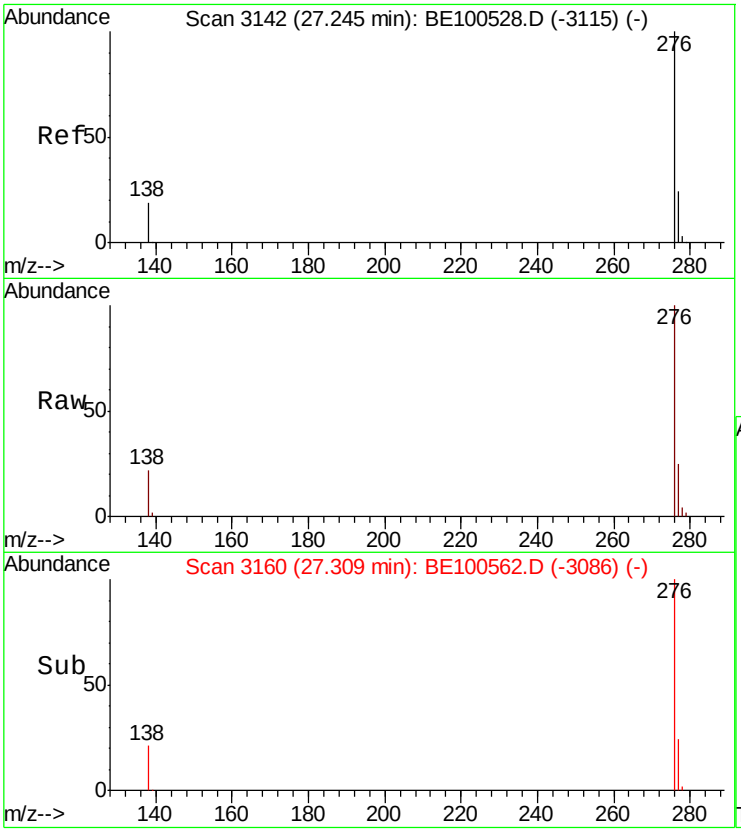


#38
Dibenzo(a,h)anthracene
Concen: 3.466 ng
RT: 26.51 min Scan# 2935
Delta R.T. 0.03 min
Lab File: BE100562.D
Acq: 25 Sep 2019 18:28

Tgt Ion:278 Resp: 526381

Ion	Ratio	Lower	Upper
278	100		
139	18.8	11.6	17.4#
279	33.0	19.7	29.5#





#39
Benzo(g,h,i)perylene
Concen: 12.891 ng
RT: 27.31 min Scan# 3160
Delta R.T. 0.06 min
Lab File: BE100562.D
Acq: 25 Sep 2019 18:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 2044818

Ion	Ratio	Lower	Upper
276	100		
277	25.0	19.2	28.8
138	21.7	15.7	23.5