Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE062819\
Data File : BE100255.D
Acq On : 29 Jun 2019 3:28
Operator : JU/SJ
Sample : K3445-03 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : EXT-008-SW117-061719

Quant Time: Jun 29 04:20:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE062819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 29 00:22:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	884	0.40	ng		0.00
7) Naphthalene-d8	10.43	136	3348	0.40	ng		-0.01
13) Acenaphthene-d10	14.31	164	2652	0.40	ng		0.00
19) Phenanthrene-d10	17.05	188	7412	0.40	ng		0.00
27) Chrysene-d12	21.26	240	9981	0.40	ng		0.01
34) Perylene-d12	23.69	264	12136	0.40	ng		0.03
System Monitoring Compounds							
4) 2-Fluorophenol	5.21	112	328	0.15	ng		0.00
5) Phenol-d6	6.83	99	457	0.15	ng		-0.01
8) Nitrobenzene-d5	8.81	82	483	0.15	ng		-0.01
11) 2-Methylnaphthalene-d10	12.04	152	258	0.04	ng		-0.01
14) 2,4,6-Tribromophenol	15.81	330	360	0.19	ng		-0.01
15) 2-Fluorobiphenyl	12.93	172	1666	0.16	ng		-0.01
25) Fluoranthene-d10	19.10	212	3077	0.03	ng		0.00
29) Terphenyl-d14	19.70	244	4627	0.22	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.49	128	18698	0.506	ng		98
12) 2-Methylnaphthalene	12.11	142	3103	0.479	ng		96
16) Acenaphthylene	14.04	152	21727	1.707	ng		99
17) Acenaphthene	14.39	154	2755	0.382	ng		96
18) Fluorene	15.35	166	6227	0.584	ng	#	89
22) Pentachlorophenol	16.72	266	101	0.068	ng		89
23) Phenanthrene	17.09	178	146288	8.143	ng		100
24) Anthracene	17.19	178	29695	1.836	ng	#	96
26) Fluoranthene	19.13	202	351178	12.273	ng		98
28) Pyrene	19.49	202	358786	13.577	ng		96
30) Benzo(a)anthracene	21.23	228	227447	6.931	ng		97
31) Chrysene	21.28	228	240158	7.288	ng		94
32) Bis(2-ethylhexyl)phthalate	21.16	149	381385	8.165	ng		100
33) Indeno(1,2,3-cd)pyrene	26.27	276	150116	3.444	ng	#	97
35) Benzo(b)fluoranthene	22.94	252	289967	8.813	ng	#	98
36) Benzo(k)fluoranthene	22.94	252	289967	7.895	ng		97
37) Benzo(a)pyrene	23.47	252	157449	4.774	ng		98
38) Dibenzo(a,h)anthracene	26.28	278	39128	1.136	ng	#	84
39) Benzo(g,h,i)perylene	27.07	276	192722	5.447	ng		98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE062819\
Data File : BE100255.D
Acq On : 29 Jun 2019 3:28
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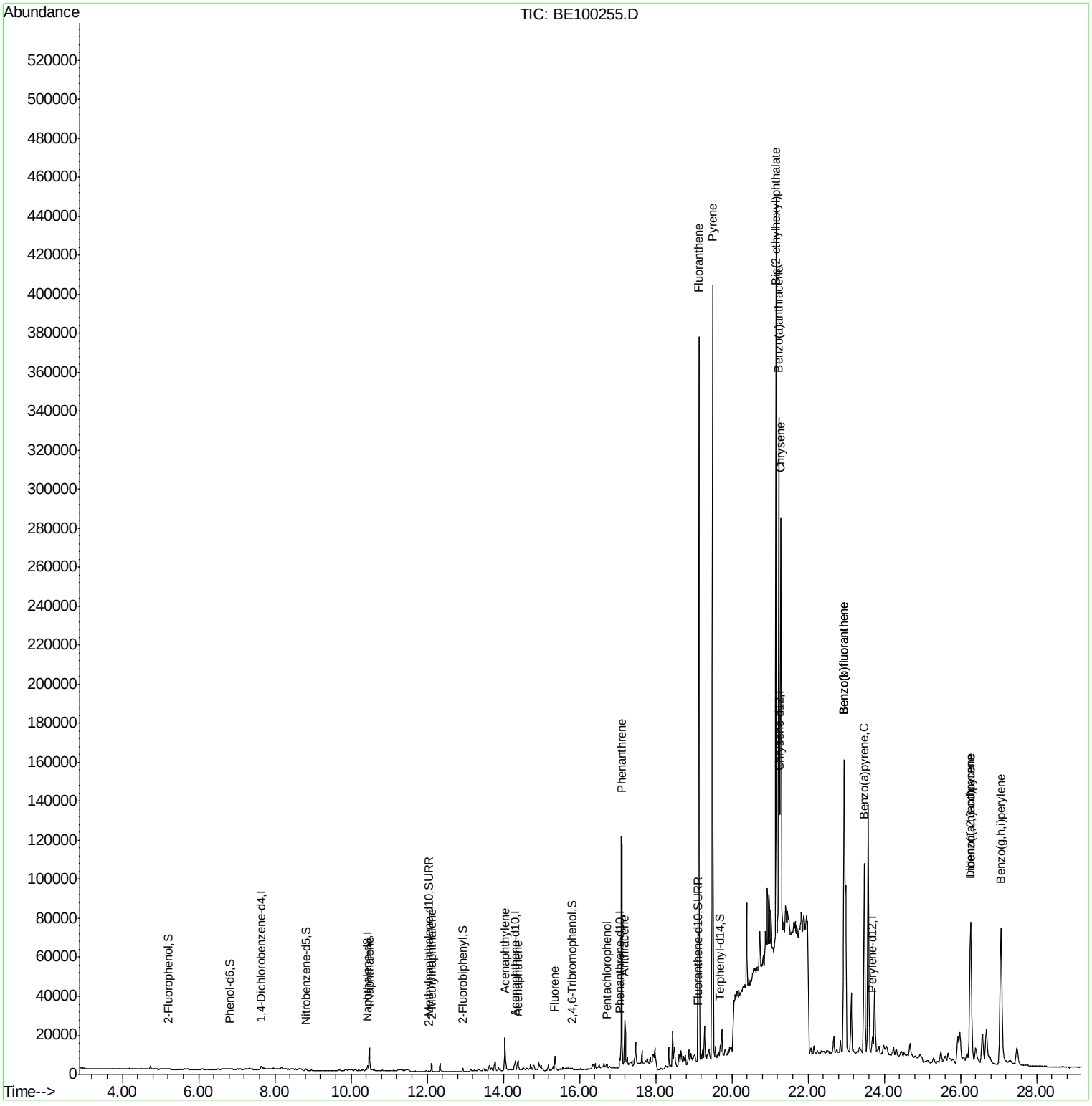
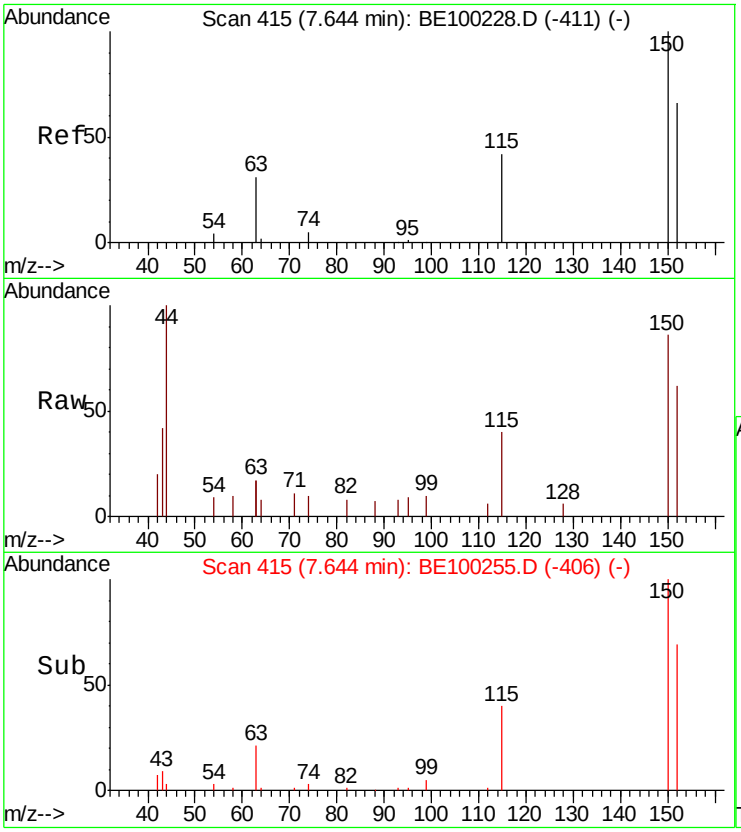
Sample : K3445-03 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
EXT-008-SW117-061719

Quant Time: Jun 29 04:20:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE062819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 29 00:22:29 2019
Response via : Initial Calibration



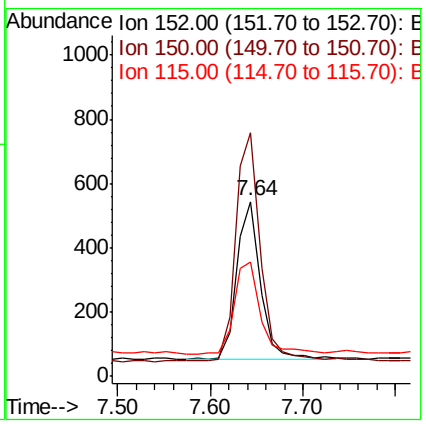


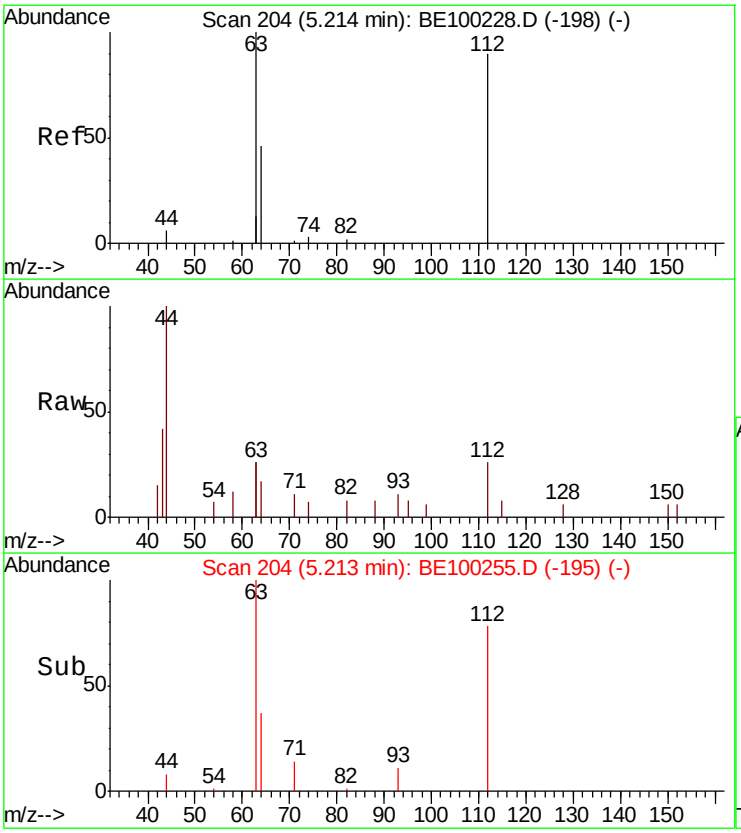
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.64 min Scan# 415
Delta R.T. -0.00 min
Lab File: BE100255.D
Acq: 29 Jun 2019 3:28

Instrument :
BNA_E
ClientSampleId :
EXT-008-SW117-061719

Tgt Ion:152 Resp: 884

Ion	Ratio	Lower	Upper
152	100		
150	139.1	114.5	171.7
115	65.3	57.1	85.7

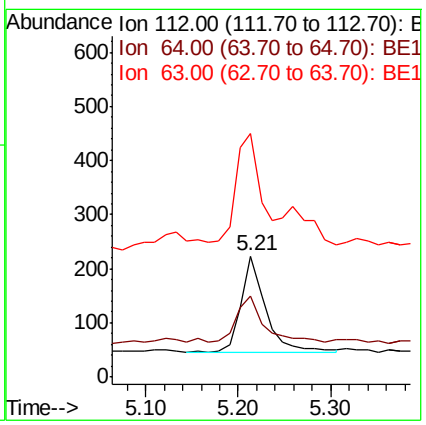


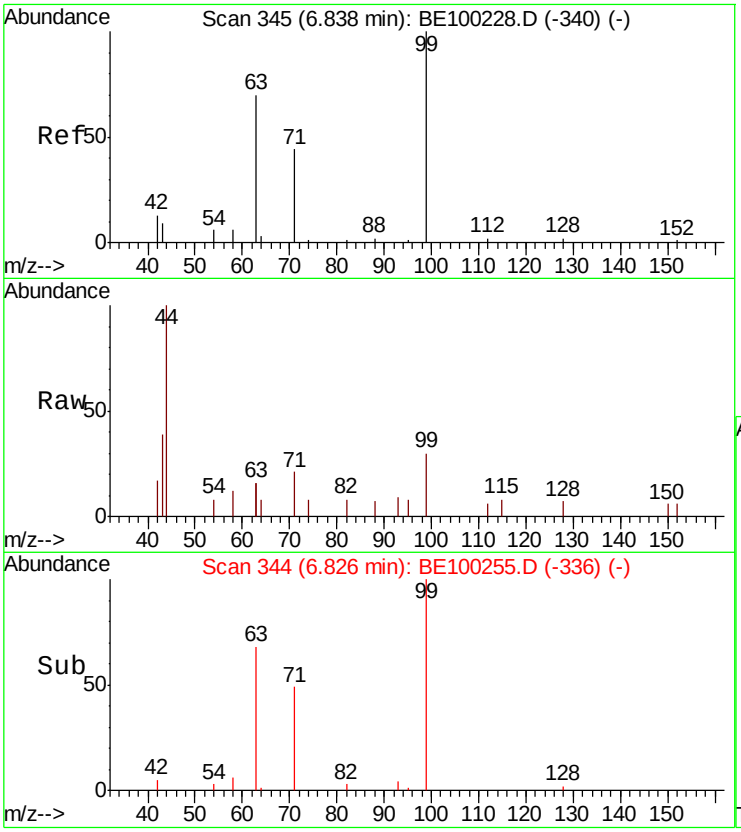


#4
2-Fluorophenol
Concen: 0.145 ng
RT: 5.21 min Scan# 204
Delta R.T. -0.00 min
Lab File: BE100255.D
Acq: 29 Jun 2019 3:28

Tgt Ion:112 Resp: 328

Ion	Ratio	Lower	Upper
112	100		
64	52.7	39.4	59.0
63	118.0	104.5	156.7



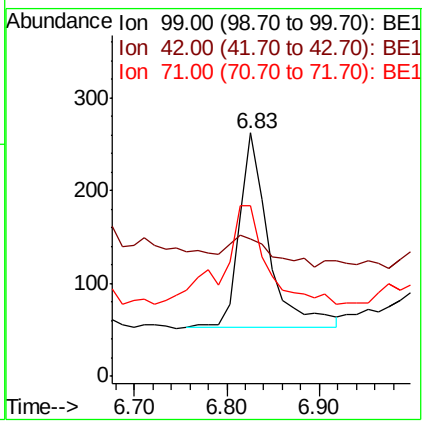


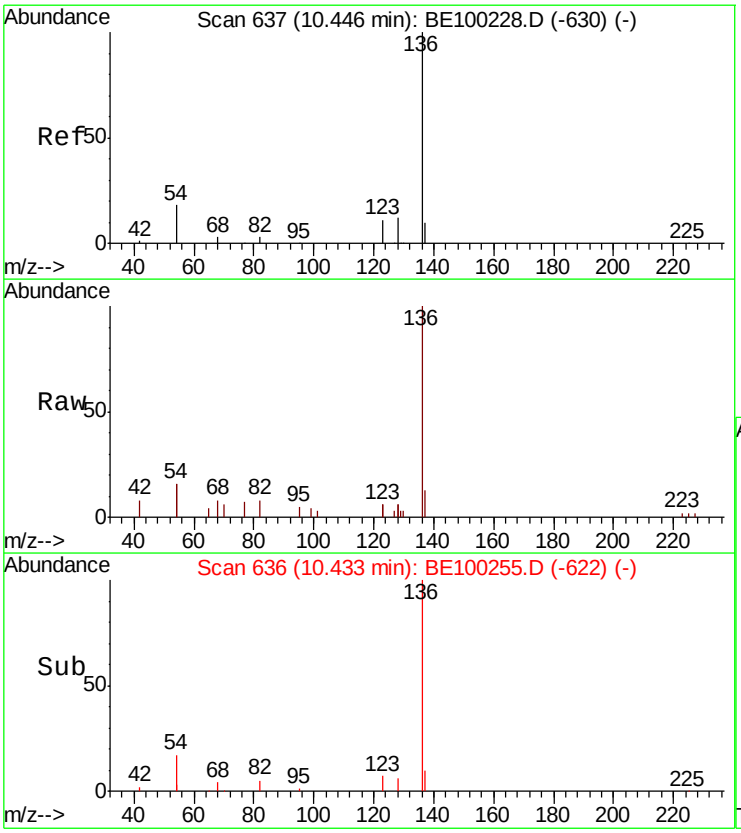
#5
Phenol-d6
Concen: 0.154 ng
RT: 6.83 min Scan# 344
Delta R.T. -0.01 min
Lab File: BE100255.D
Acq: 29 Jun 2019 3:28

Instrument :
BNA_E
ClientSampleId :
EXT-008-SW117-061719

Tgt Ion: 99 Resp: 457

Ion	Ratio	Lower	Upper
99	100		
42	22.3	11.2	16.8#
71	69.1	37.2	55.8#

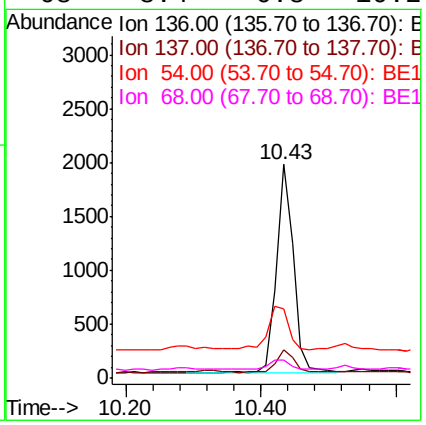


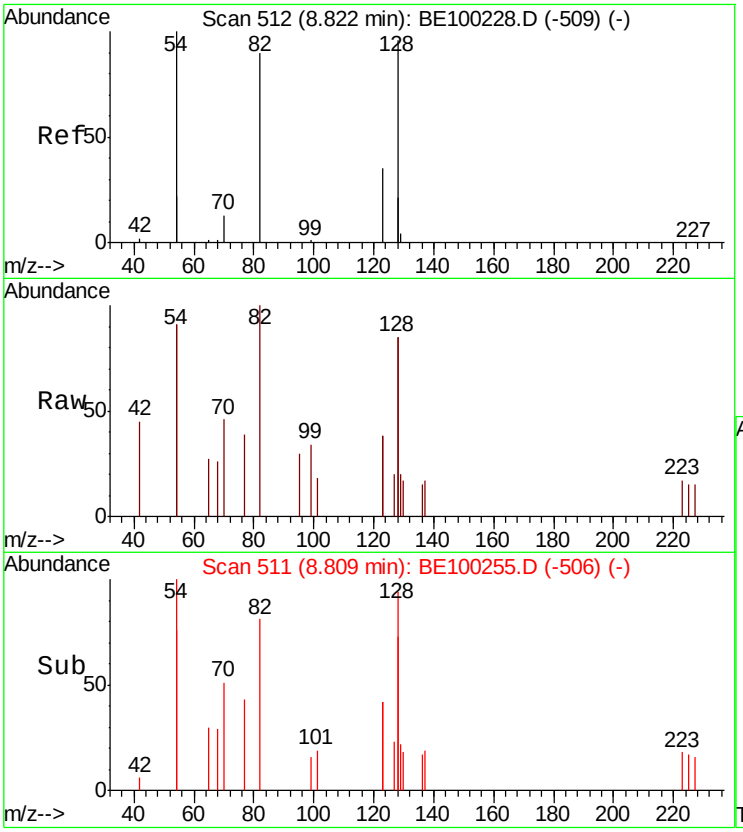


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.43 min Scan# 636
Delta R.T. -0.01 min
Lab File: BE100255.D
Acq: 29 Jun 2019 3:28

Tgt Ion:136 Resp: 3348

Ion	Ratio	Lower	Upper
136	100		
137	13.0	11.8	17.8
54	32.4	27.7	41.5
68	8.4	6.8	10.2



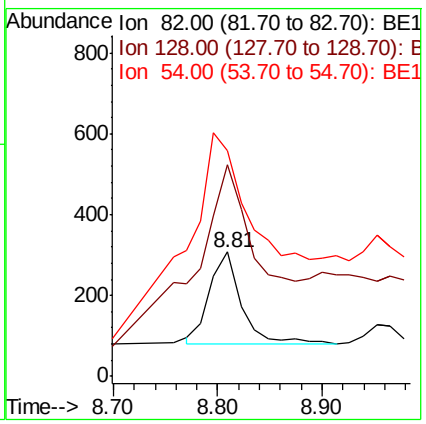


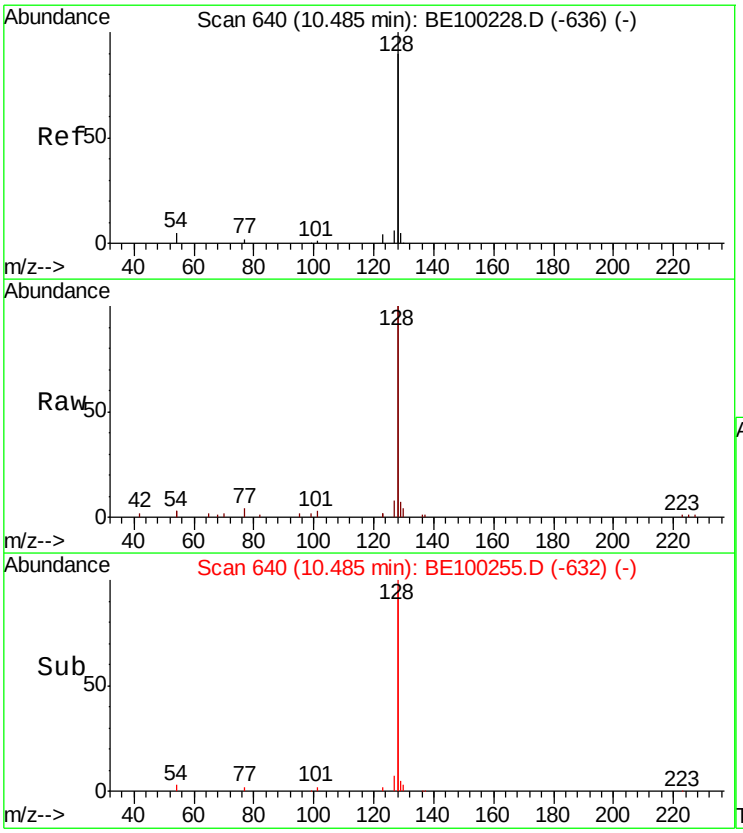
#8
Nitrobenzene-d5
Concen: 0.145 ng
RT: 8.81 min Scan# 511
Delta R.T. -0.01 min
Lab File: BE100255.D
Acq: 29 Jun 2019 3:28

Instrument :
BNA_E
ClientSampleId :
EXT-008-SW117-061719

Tgt Ion: 82 Resp: 483

Ion	Ratio	Lower	Upper
82	100		
128	170.1	140.9	211.3
54	181.2	146.2	219.2

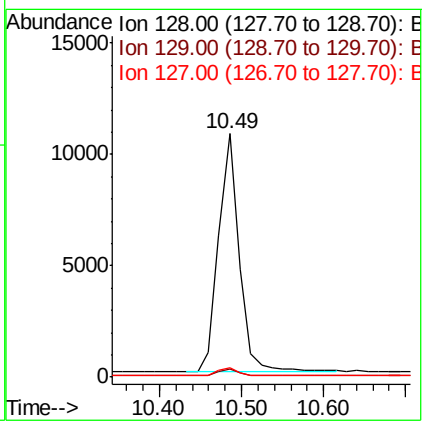


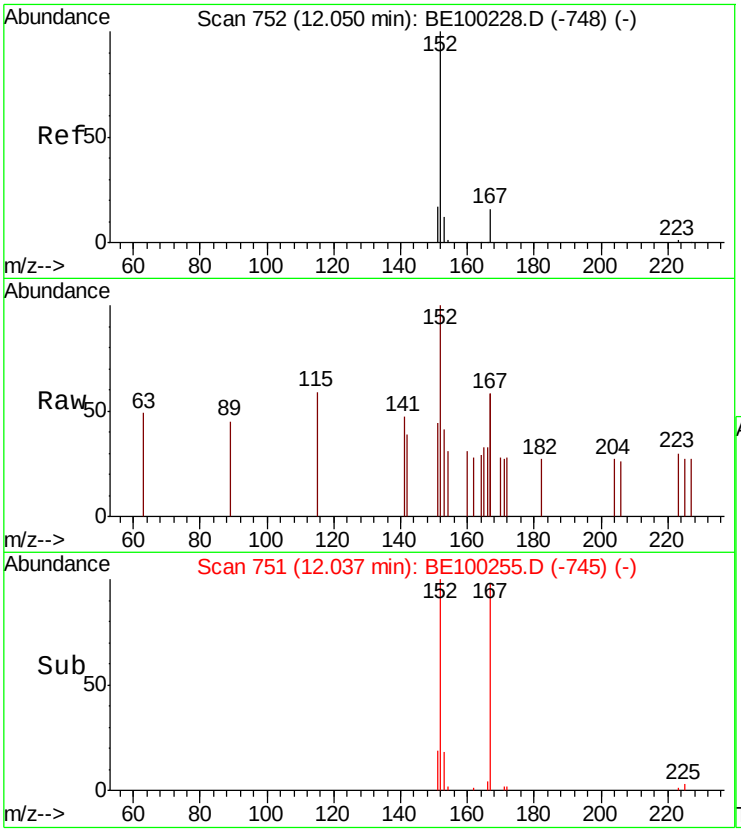


#9
Naphthalene
Concen: 0.506 ng
RT: 10.49 min Scan# 640
Delta R.T. 0.00 min
Lab File: BE100255.D
Acq: 29 Jun 2019 3:28

Tgt Ion:128 Resp: 18698

Ion	Ratio	Lower	Upper
128	100		
129	3.3	3.0	4.6
127	3.8	3.5	5.3



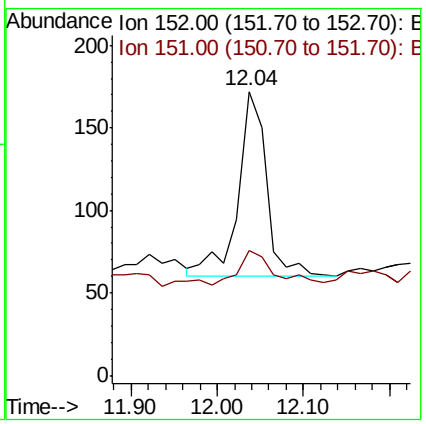


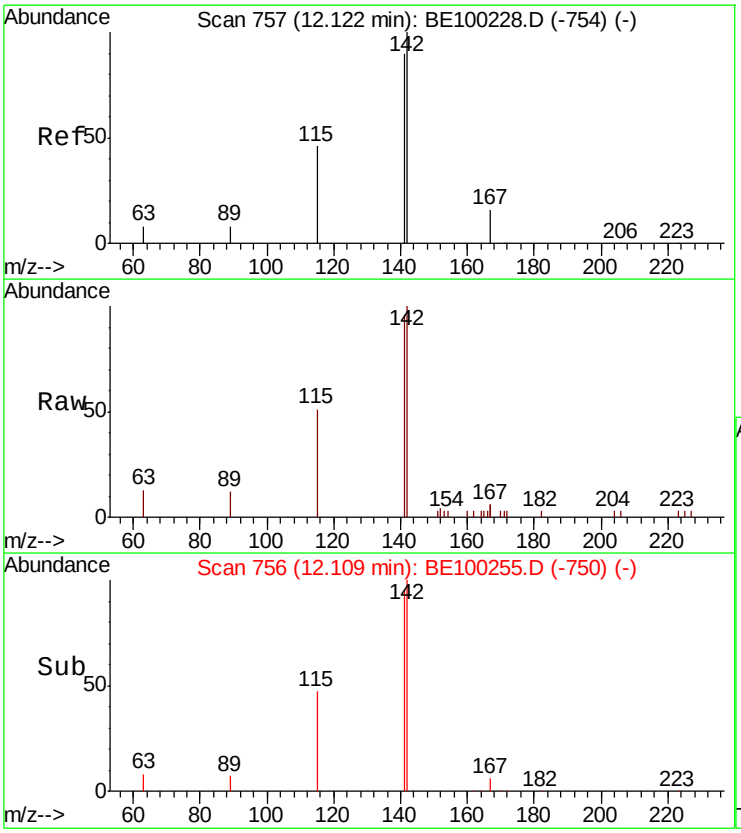
#11
2-Methylnaphthalene-d10
Concen: 0.041 ng
RT: 12.04 min Scan# 751
Delta R.T. -0.01 min
Lab File: BE100255.D
Acq: 29 Jun 2019 3:28

Instrument :
BNA_E
ClientSampleId :
EXT-008-SW117-061719

Tgt Ion:152 Resp: 258

Ion	Ratio	Lower	Upper
152	100		
151	22.9	15.1	22.7#

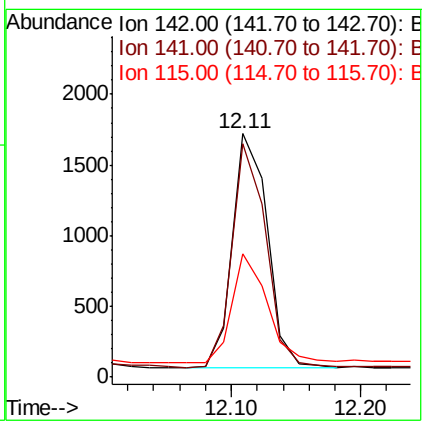


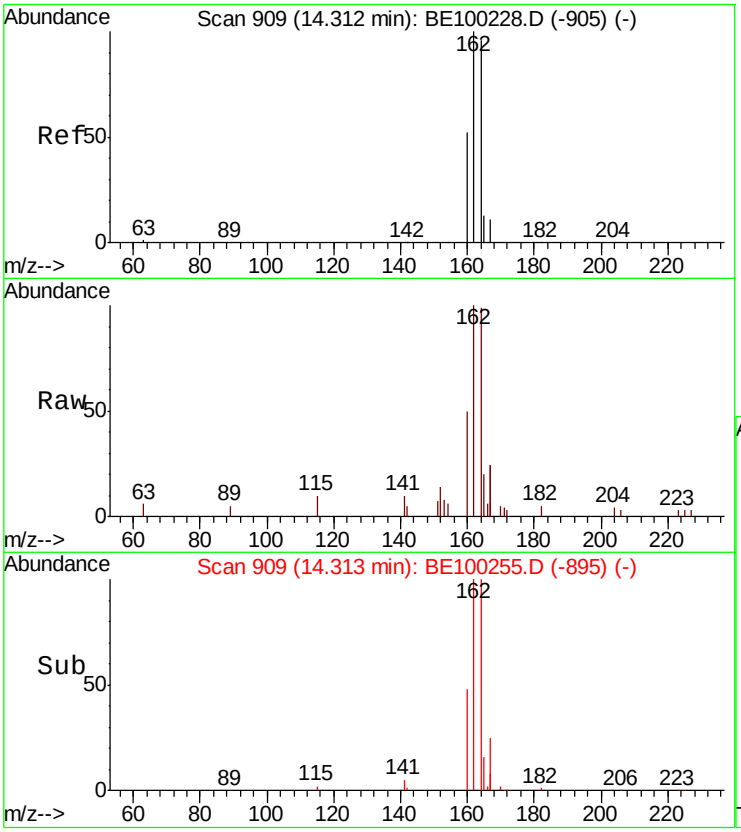


#12
2-Methylnaphthalene
Concen: 0.479 ng
RT: 12.11 min Scan# 756
Delta R.T. -0.01 min
Lab File: BE100255.D
Acq: 29 Jun 2019 3:28

Tgt Ion:142 Resp: 3103

Ion	Ratio	Lower	Upper
142	100		
141	95.8	72.4	108.6
115	50.9	40.4	60.6



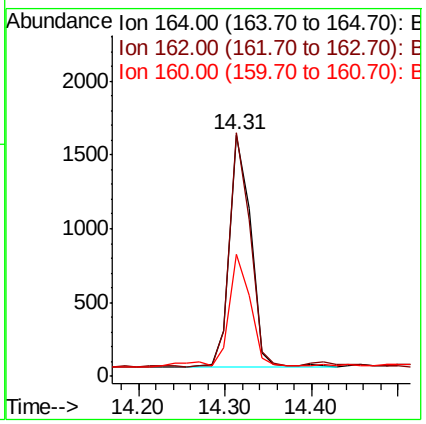


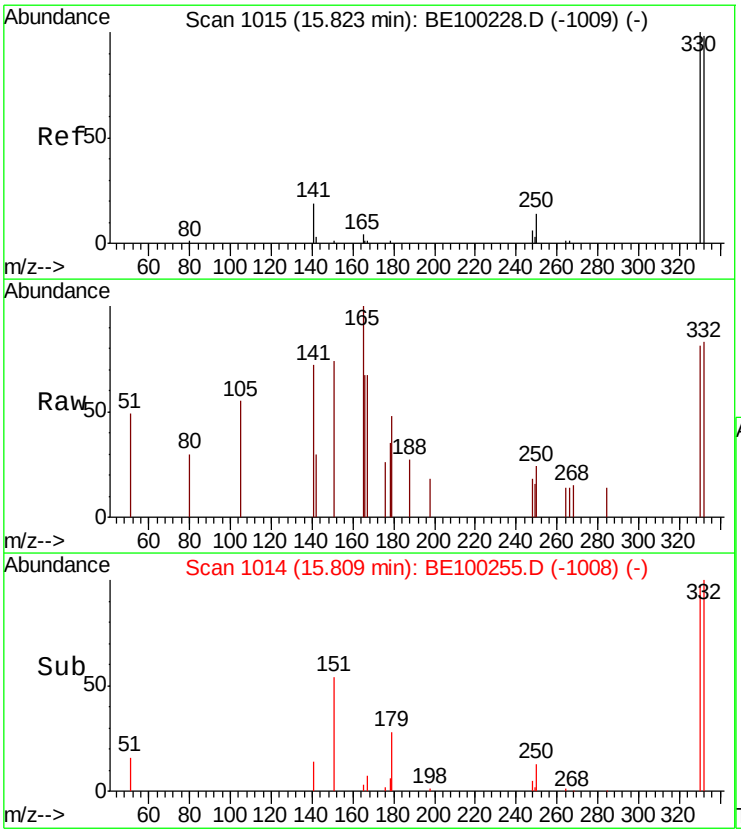
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 909
Delta R.T. 0.00 min
Lab File: BE100255.D
Acq: 29 Jun 2019 3:28

Instrument :
BNA_E
ClientSampleId :
EXT-008-SW117-061719

Tgt Ion:164 Resp: 2652

Ion	Ratio	Lower	Upper
164	100		
162	100.9	83.4	125.0
160	50.4	45.0	67.6

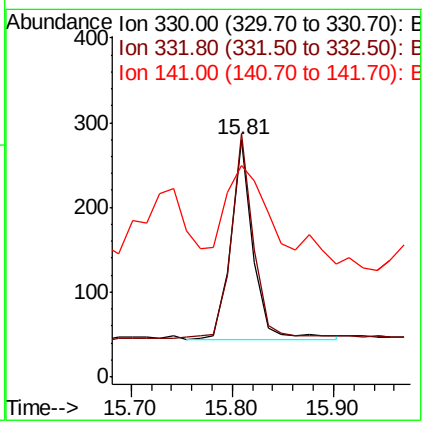


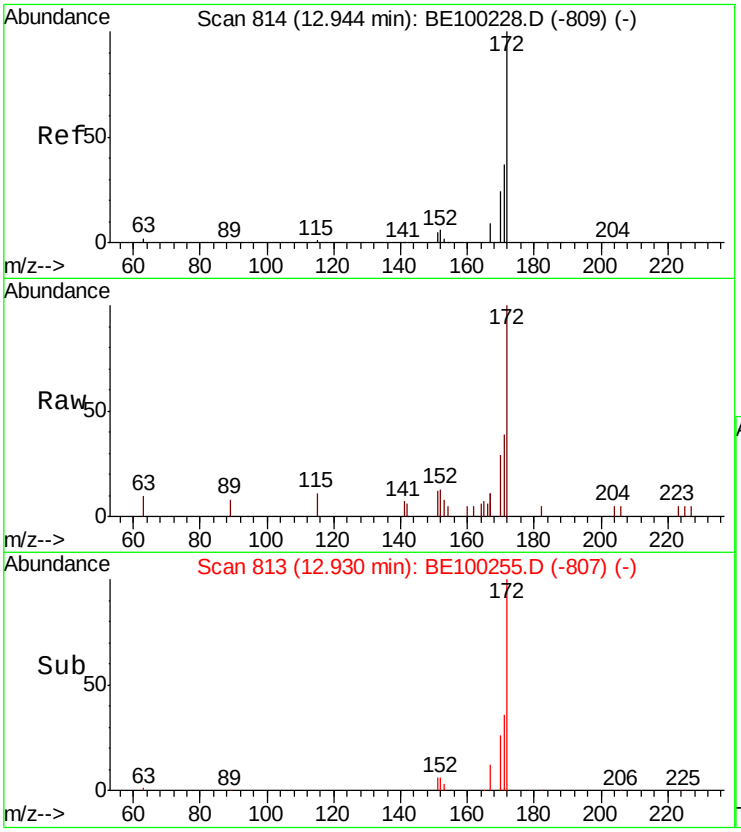


#14
2,4,6-Tribromophenol
Concen: 0.194 ng
RT: 15.81 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BE100255.D
Acq: 29 Jun 2019 3:28

Tgt Ion:330 Resp: 360

Ion	Ratio	Lower	Upper
330	100		
332	98.9	77.0	115.4
141	125.0	22.0	33.0#



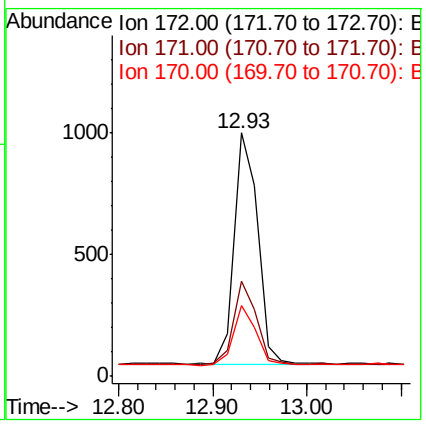


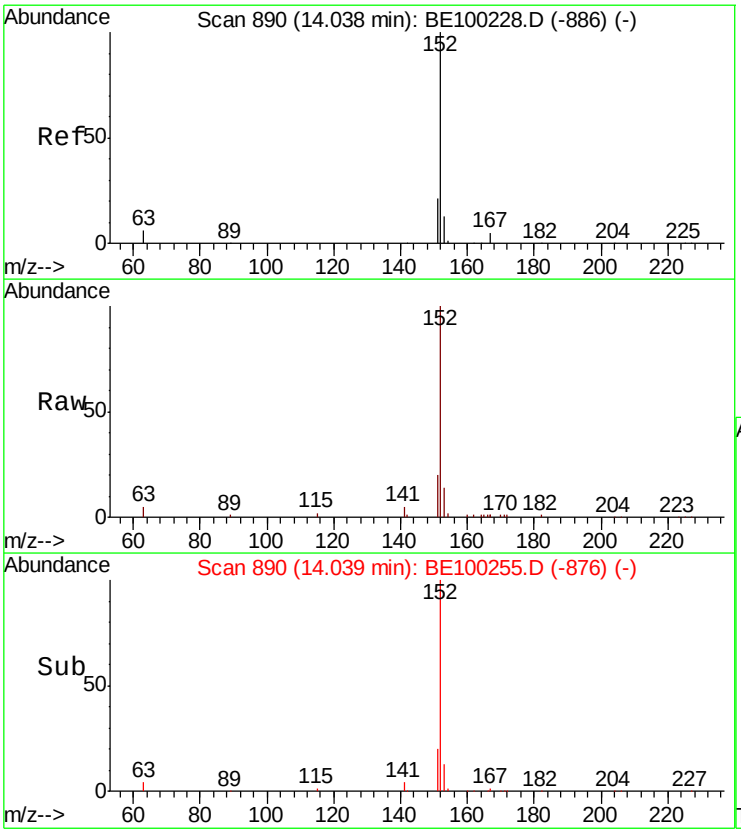
#15
2-Fluorobiphenyl
Concen: 0.161 ng
RT: 12.93 min Scan# 813
Delta R.T. -0.01 min
Lab File: BE100255.D
Acq: 29 Jun 2019 3:28

Instrument :
BNA_E
ClientSampleId :
EXT-008-SW117-061719

Tgt Ion:172 Resp: 1666

Ion	Ratio	Lower	Upper
172	100		
171	38.8	31.9	47.9
170	29.3	22.2	33.2

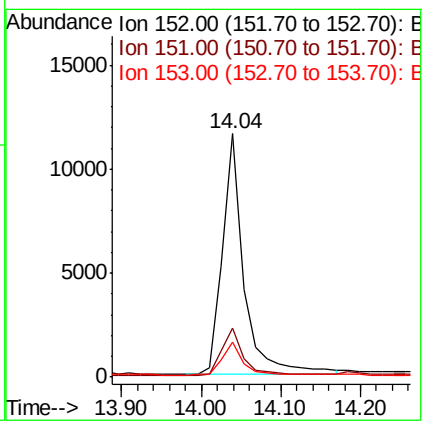


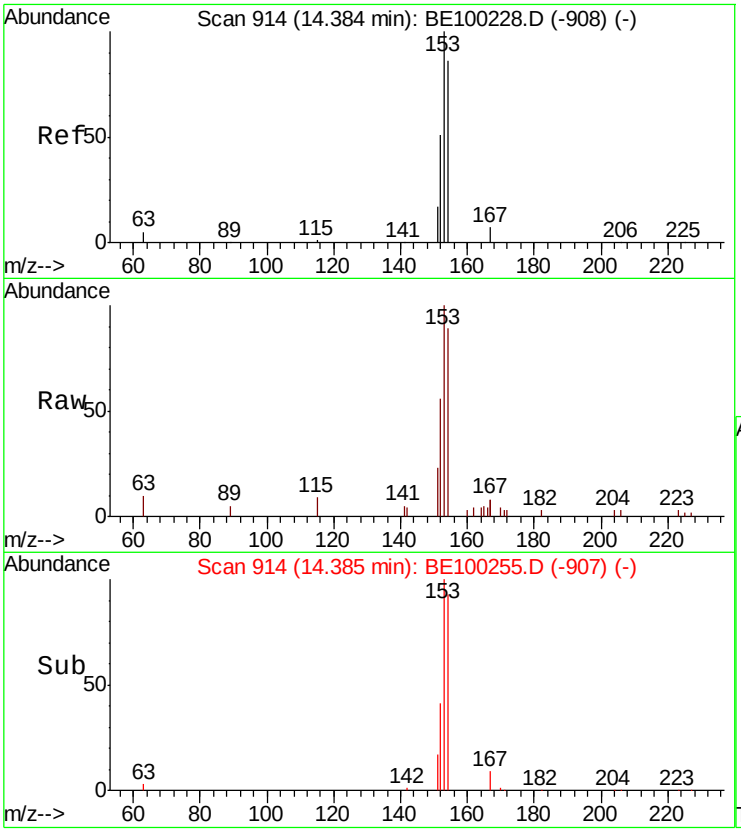


#16
Acenaphthylene
Concen: 1.707 ng
RT: 14.04 min Scan# 890
Delta R.T. 0.00 min
Lab File: BE100255.D
Acq: 29 Jun 2019 3:28

Tgt Ion:152 Resp: 21727

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.6	25.0
153	13.5	10.5	15.7



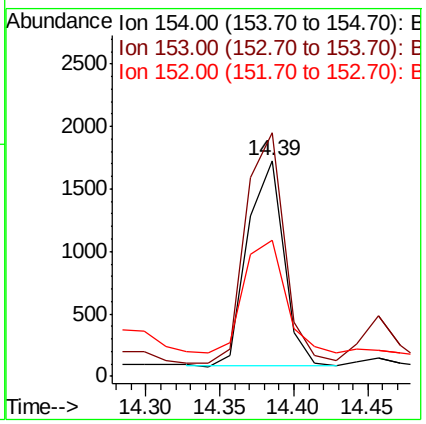


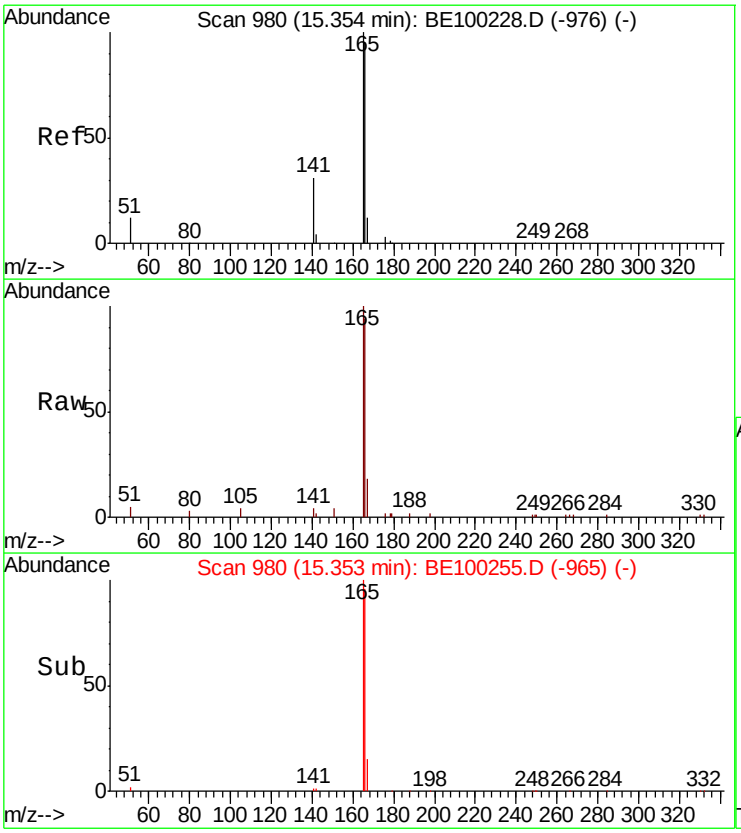
#17
Acenaphthene
Concen: 0.382 ng
RT: 14.39 min Scan# 914
Delta R.T. 0.00 min
Lab File: BE100255.D
Acq: 29 Jun 2019 3:28

Instrument :
BNA_E
ClientSampleId :
EXT-008-SW117-061719

Tgt Ion:154 Resp: 2755

Ion	Ratio	Lower	Upper
154	100		
153	121.5	93.4	140.2
152	63.8	49.4	74.2

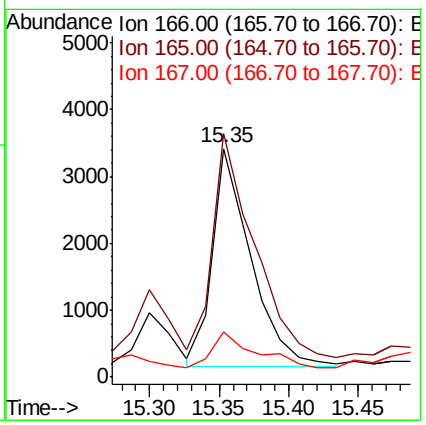


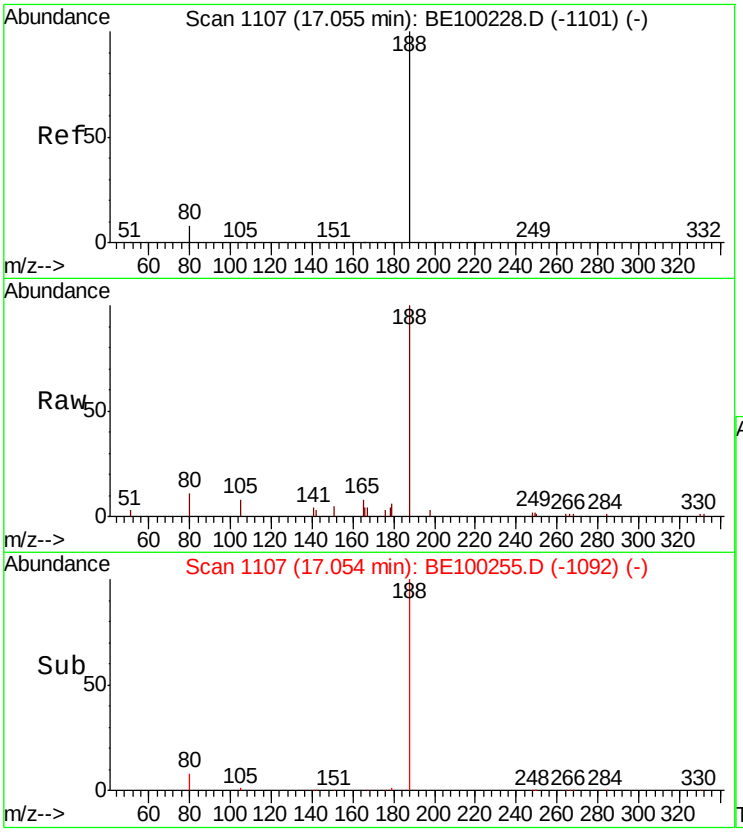


#18
Fluorene
Concen: 0.584 ng
RT: 15.35 min Scan# 980
Delta R.T. -0.00 min
Lab File: BE100255.D
Acq: 29 Jun 2019 3:28

Tgt Ion:166 Resp: 6227

Ion	Ratio	Lower	Upper
166	100		
165	112.4	81.1	121.7
167	19.1	10.7	16.1#



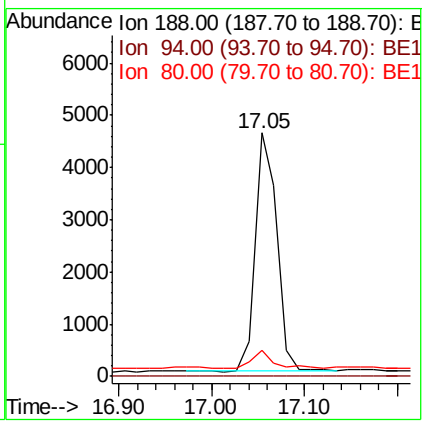


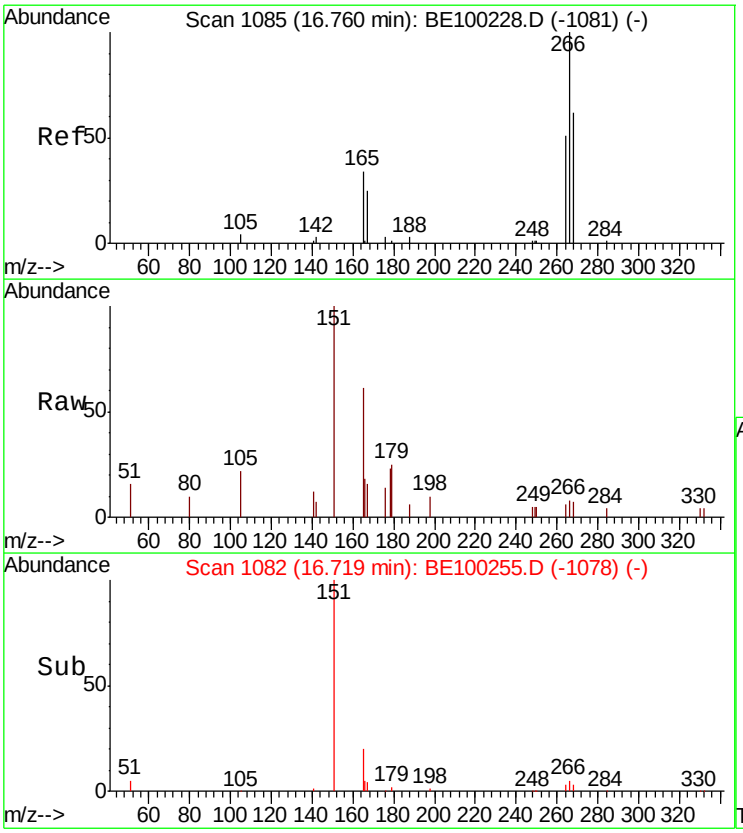
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.05 min Scan# 1107
Delta R.T. -0.00 min
Lab File: BE100255.D
Acq: 29 Jun 2019 3:28

Instrument :
BNA_E
ClientSampleId :
EXT-008-SW117-061719

Tgt Ion:188 Resp: 7412

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.8	7.6	11.4

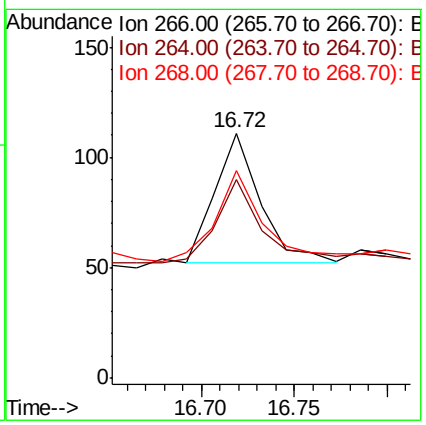


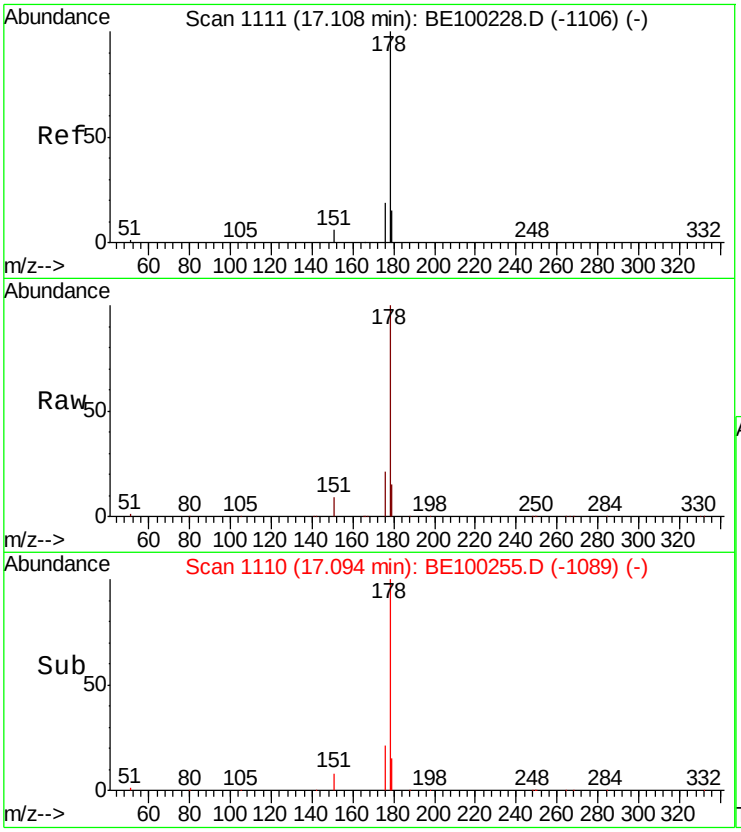


#22
Pentachlorophenol
Concen: 0.068 ng
RT: 16.72 min Scan# 1082
Delta R.T. -0.04 min
Lab File: BE100255.D
Acq: 29 Jun 2019 3:28

Tgt Ion:266 Resp: 101

Ion	Ratio	Lower	Upper
266	100		
264	81.1	56.2	84.2
268	84.7	61.8	92.6



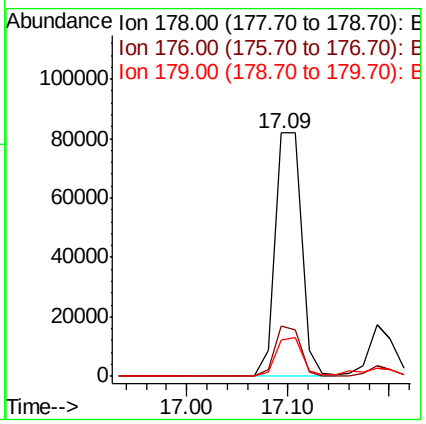


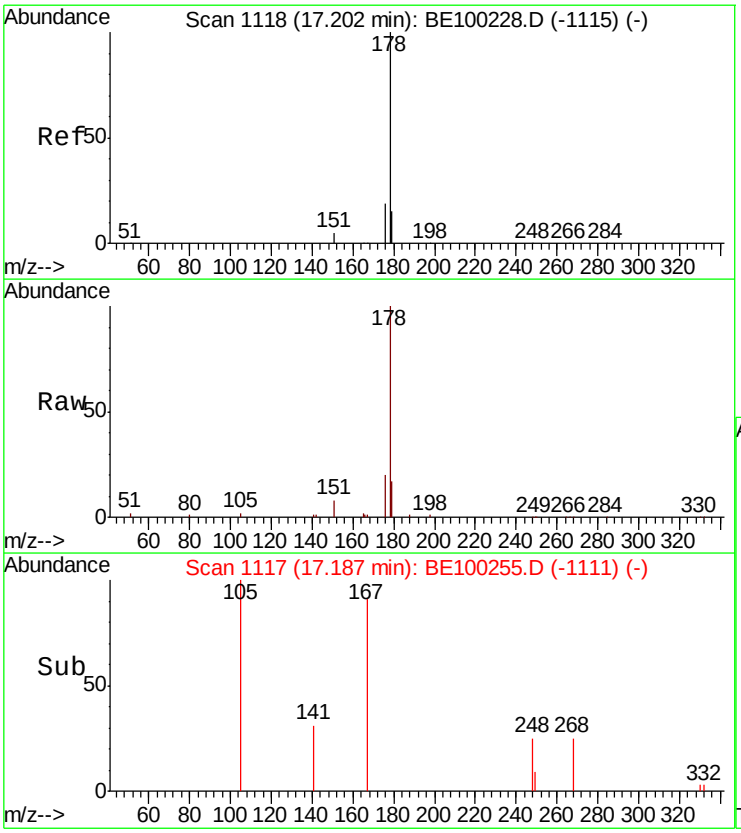
#23
Phenanthrene
Concen: 8.143 ng
RT: 17.09 min Scan# 1110
Delta R.T. -0.01 min
Lab File: BE100255.D
Acq: 29 Jun 2019 3:28

Instrument :
BNA_E
ClientSampleId :
EXT-008-SW117-061719

Tgt Ion:178 Resp: 146288

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.9	23.9
179	15.5	12.2	18.2

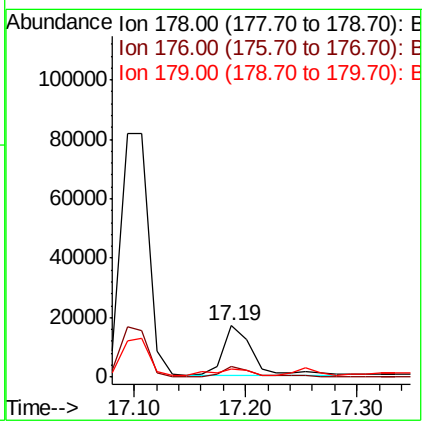


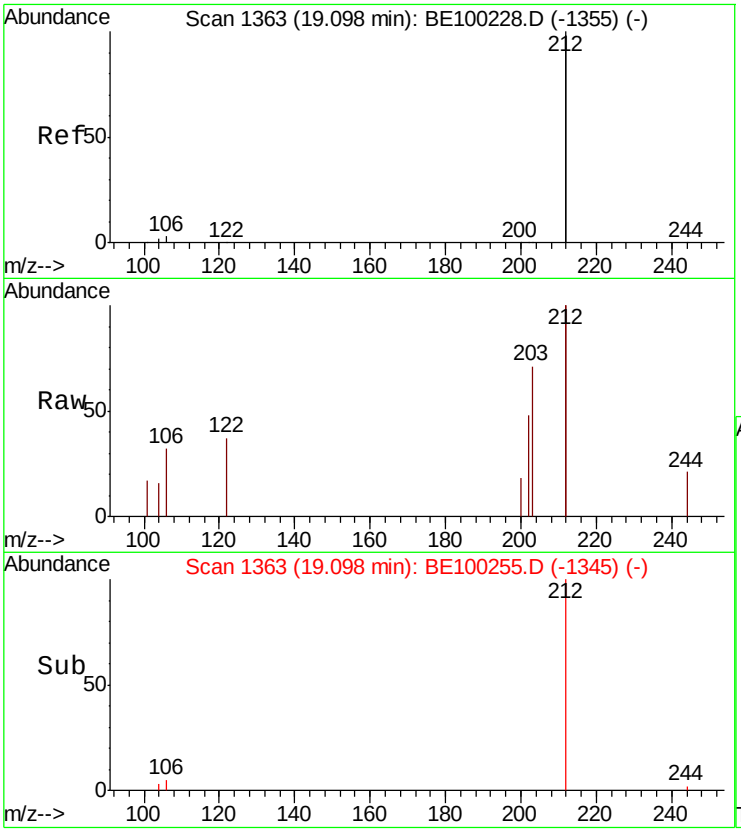


#24
Anthracene
Concen: 1.836 ng
RT: 17.19 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BE100255.D
Acq: 29 Jun 2019 3:28

Tgt Ion:178 Resp: 29695

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.3	22.9
179	19.1	12.2	18.2#



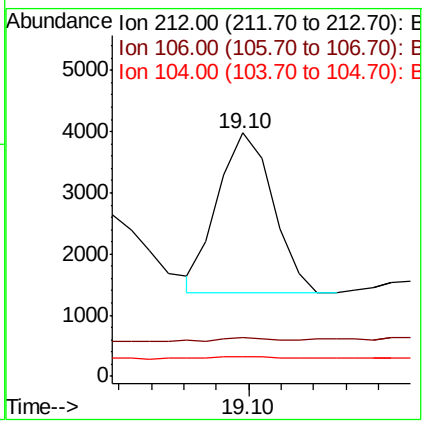


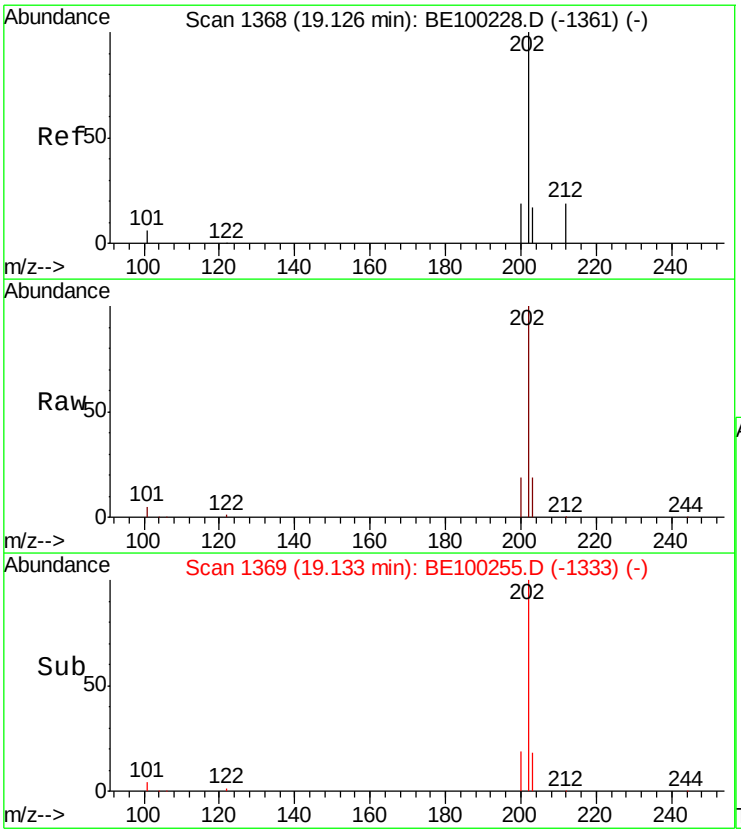
#25
Fluoranthene-d10
Concen: 0.029 ng
RT: 19.10 min Scan# 1363
Delta R.T. 0.00 min
Lab File: BE100255.D
Acq: 29 Jun 2019 3:28

Instrument :
BNA_E
ClientSampleId :
EXT-008-SW117-061719

Tgt Ion:212 Resp: 3077

Ion	Ratio	Lower	Upper
212	100		
106	1.8	1.3	1.9
104	1.4	0.8	1.2#

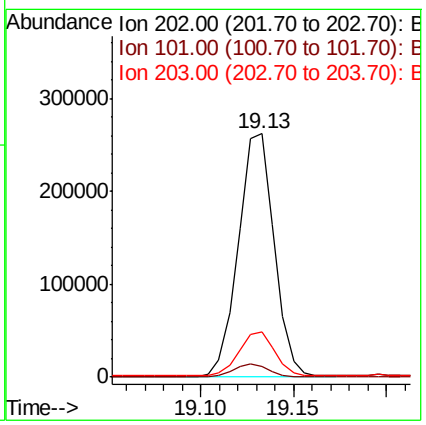


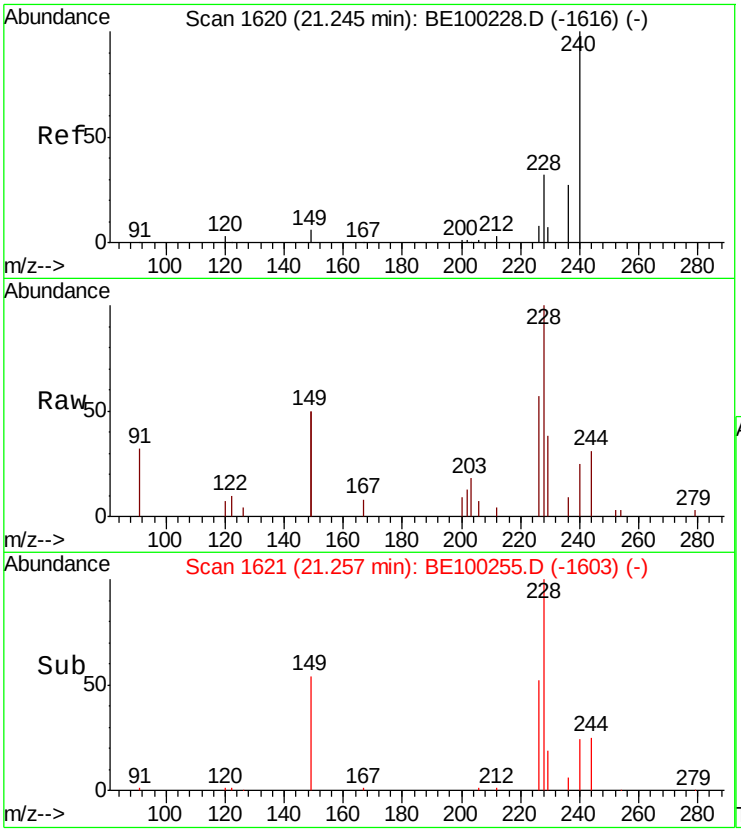


#26
Fluoranthene
Concen: 12.273 ng
RT: 19.13 min Scan# 1369
Delta R.T. 0.01 min
Lab File: BE100255.D
Acq: 29 Jun 2019 3:28

Tgt Ion:202 Resp: 351178

Ion	Ratio	Lower	Upper
202	100		
101	5.3	4.6	7.0
203	17.9	13.7	20.5



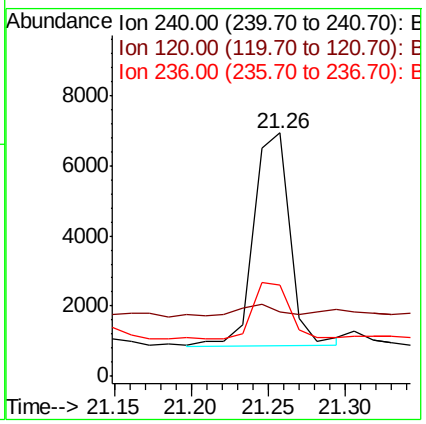


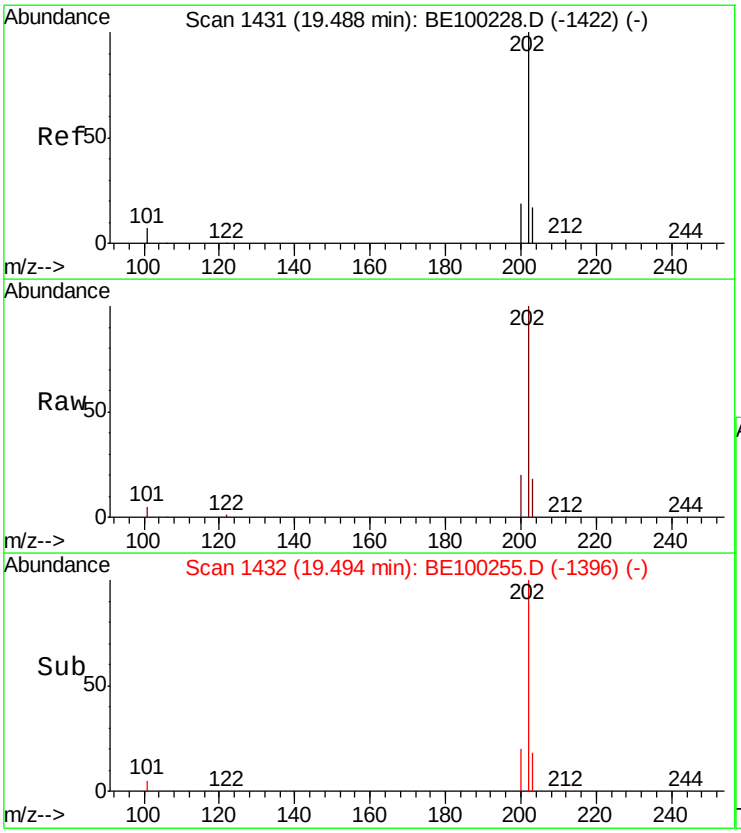
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.26 min Scan# 1621
Delta R.T. 0.01 min
Lab File: BE100255.D
Acq: 29 Jun 2019 3:28

Instrument :
BNA_E
ClientSampleId :
EXT-008-SW117-061719

Tgt Ion:240 Resp: 9981

Ion	Ratio	Lower	Upper
240	100		
120	26.4	3.3	4.9#
236	37.7	22.6	34.0#

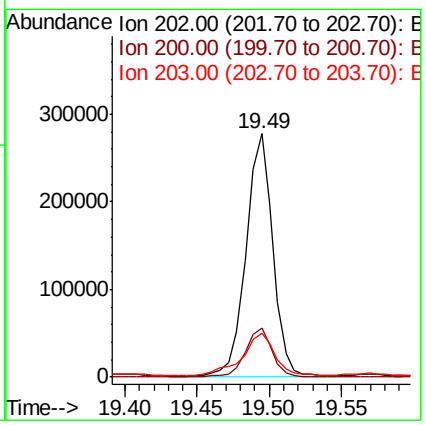


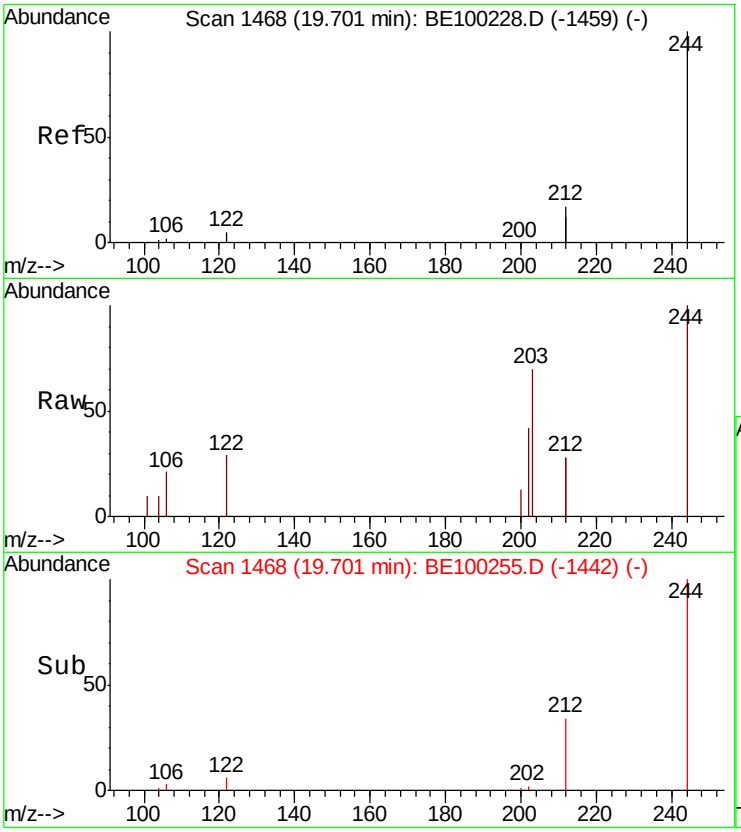


#28
Pyrene
Concen: 13.577 ng
RT: 19.49 min Scan# 1432
Delta R.T. 0.01 min
Lab File: BE100255.D
Acq: 29 Jun 2019 3:28

Tgt Ion:202 Resp: 358786

Ion	Ratio	Lower	Upper
202	100		
200	19.9	15.6	23.4
203	21.0	14.0	21.0



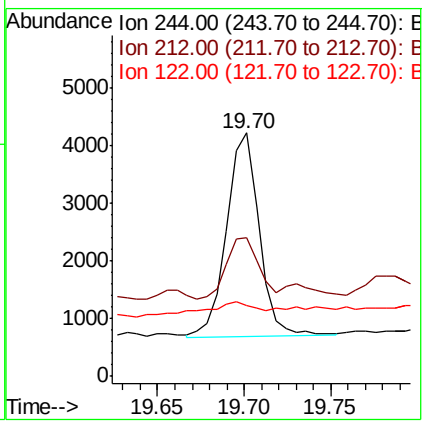


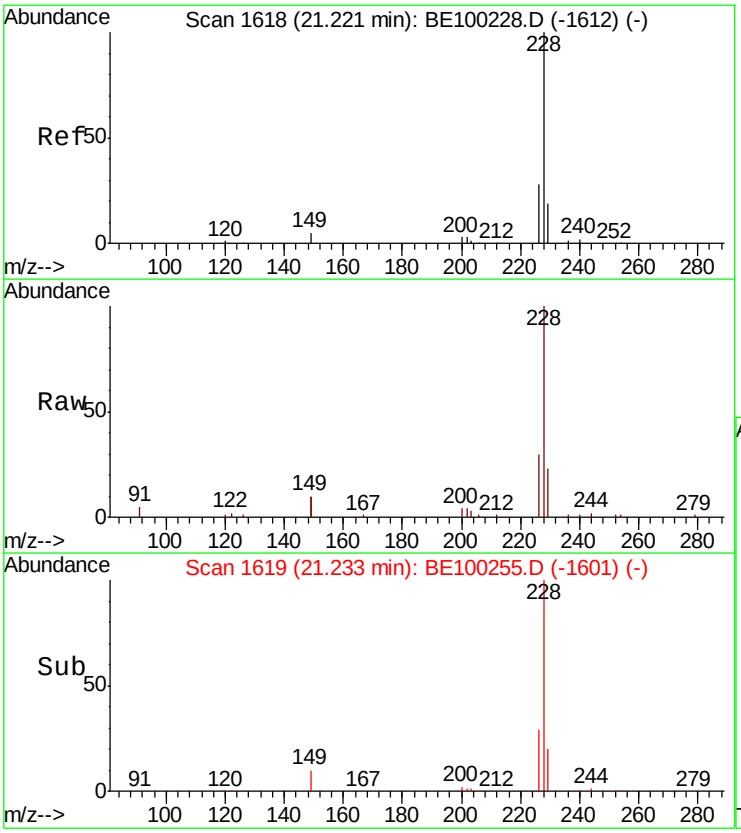
#29
Terphenyl-d14
Concen: 0.224 ng
RT: 19.70 min Scan# 1468
Delta R.T. 0.00 min
Lab File: BE100255.D
Acq: 29 Jun 2019 3:28

Instrument :
BNA_E
ClientSampleId :
EXT-008-SW117-061719

Tgt Ion:244 Resp: 4627

Ion	Ratio	Lower	Upper
244	100		
212	56.9	27.3	40.9#
122	29.3	4.7	7.1#

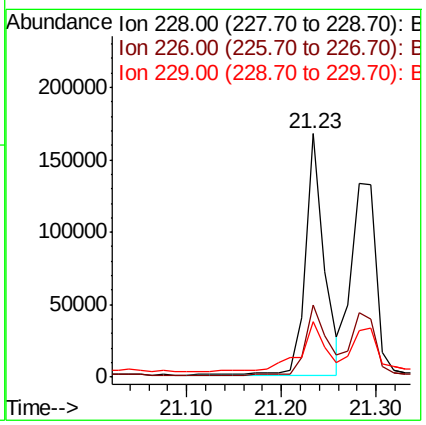


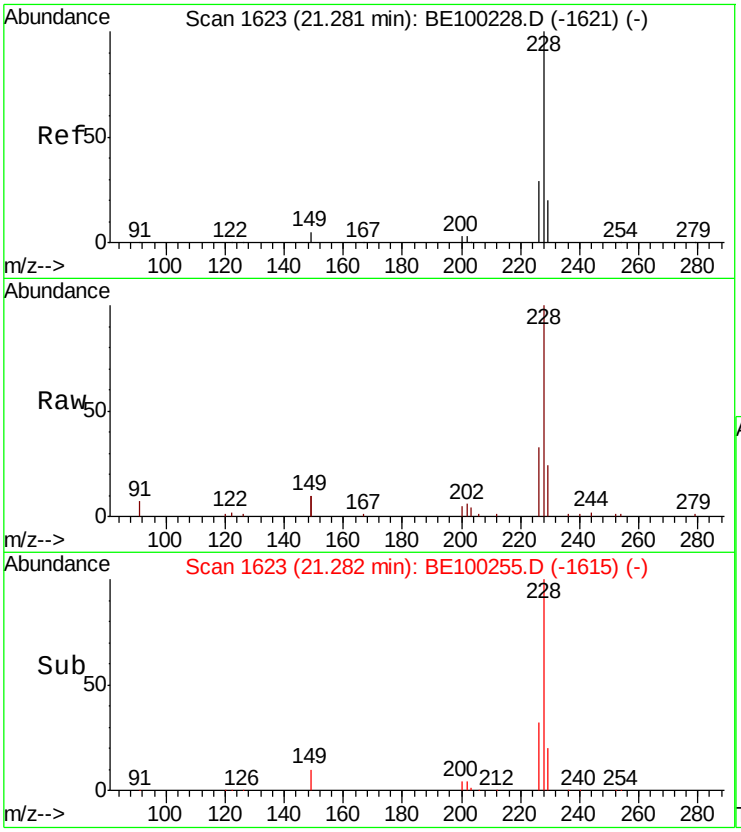


#30
Benzo(a)anthracene
Concen: 6.931 ng
RT: 21.23 min Scan# 1619
Delta R.T. 0.01 min
Lab File: BE100255.D
Acq: 29 Jun 2019 3:28

Tgt Ion:228 Resp: 227447

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.2	34.8
229	22.7	15.7	23.5



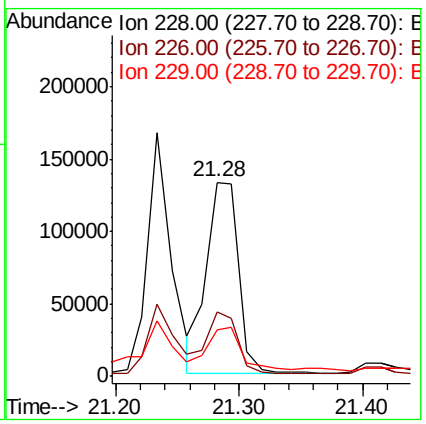


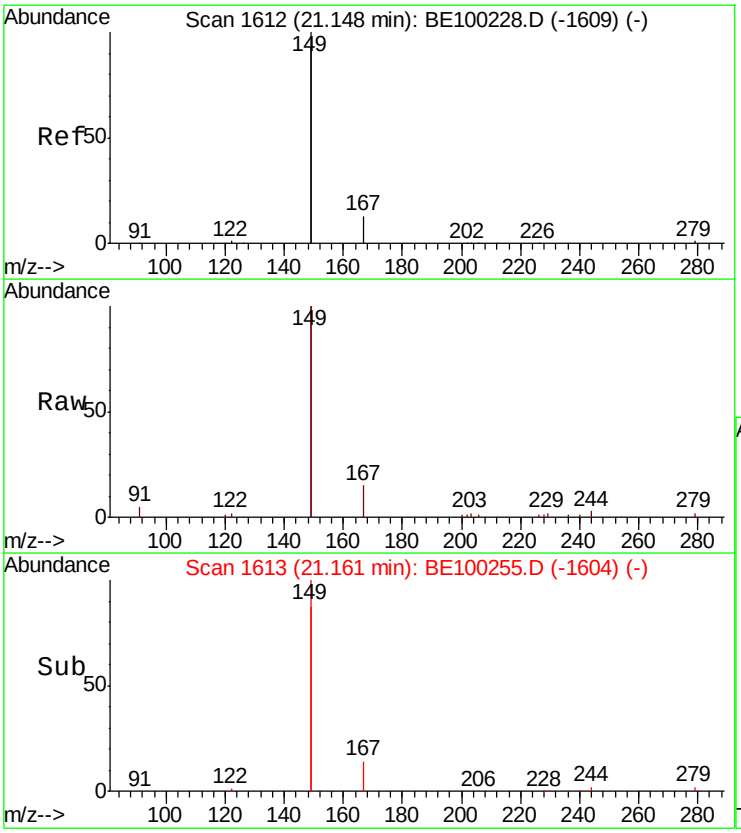
#31
Chrysene
Concen: 7.288 ng
RT: 21.28 min Scan# 1623
Delta R.T. 0.00 min
Lab File: BE100255.D
Acq: 29 Jun 2019 3:28

Instrument :
BNA_E
ClientSampleId :
EXT-008-SW117-061719

Tgt Ion:228 Resp: 240158

Ion	Ratio	Lower	Upper
228	100		
226	33.2	23.9	35.9
229	23.8	16.5	24.7

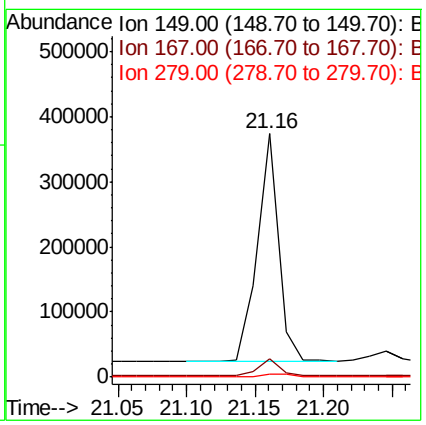


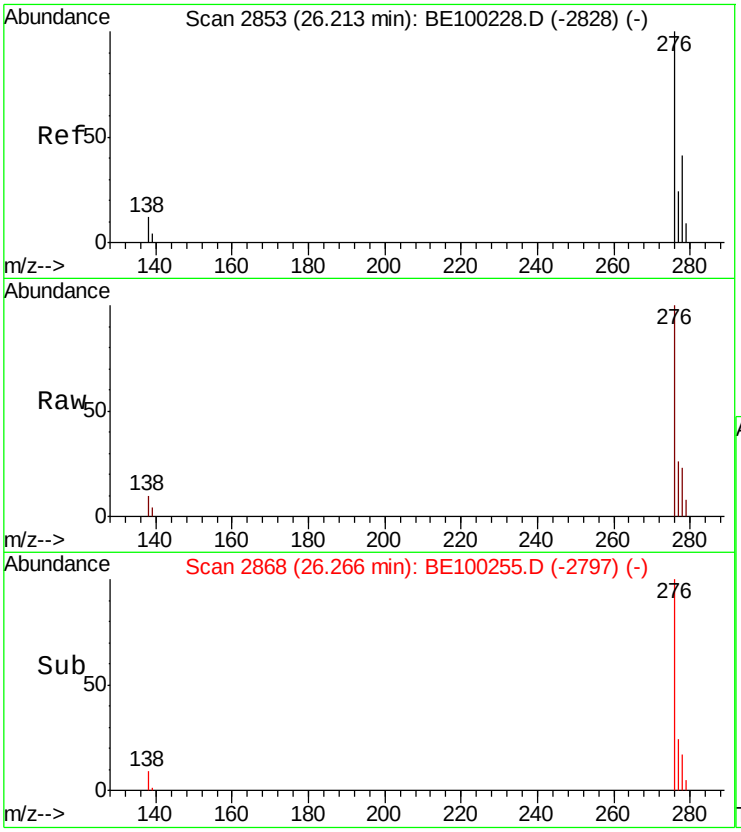


#32
Bis(2-ethylhexyl)phthalate
Concen: 8.165 ng
RT: 21.16 min Scan# 1613
Delta R.T. 0.01 min
Lab File: BE100255.D
Acq: 29 Jun 2019 3:28

Tgt Ion:149 Resp: 381385

Ion	Ratio	Lower	Upper
149	100		
167	7.3	5.8	8.8
279	1.6	1.1	1.7



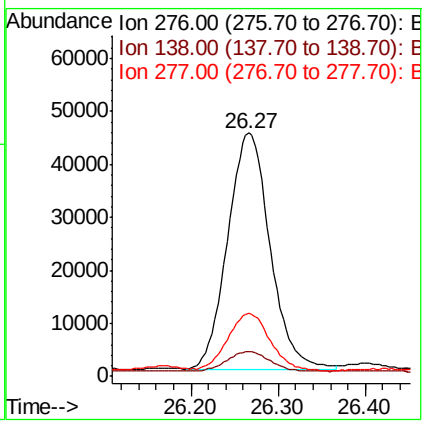


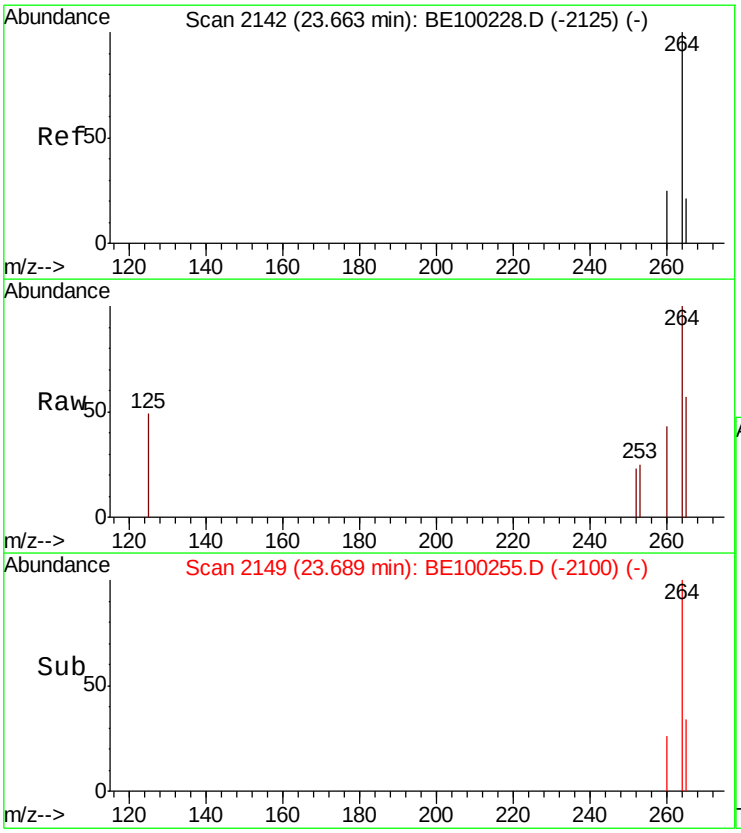
#33
Indeno(1,2,3-cd)pyrene
Concen: 3.444 ng
RT: 26.27 min Scan# 2868
Delta R.T. 0.05 min
Lab File: BE100255.D
Acq: 29 Jun 2019 3:28

Instrument :
BNA_E
ClientSampleId :
EXT-008-SW117-061719

Tgt Ion:276 Resp: 150116

Ion	Ratio	Lower	Upper
276	100		
138	8.5	9.4	14.0#
277	23.9	19.2	28.8

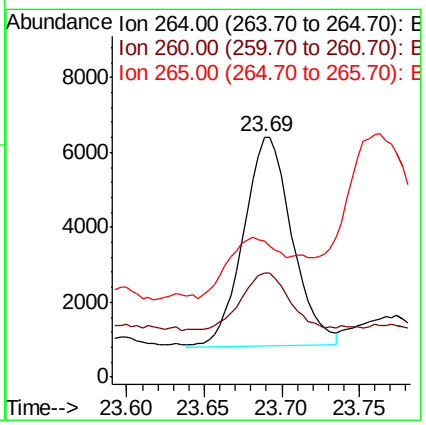


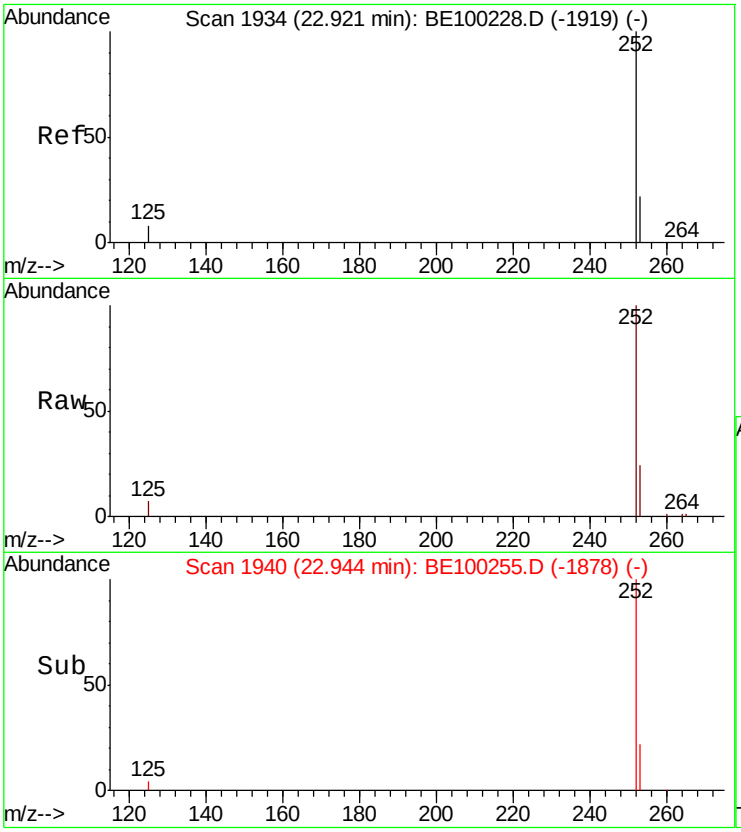


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.69 min Scan# 2149
Delta R.T. 0.03 min
Lab File: BE100255.D
Acq: 29 Jun 2019 3:28

Tgt Ion:264 Resp: 12136

Ion	Ratio	Lower	Upper
264	100		
260	43.4	20.8	31.2#
265	56.8	21.8	32.6#



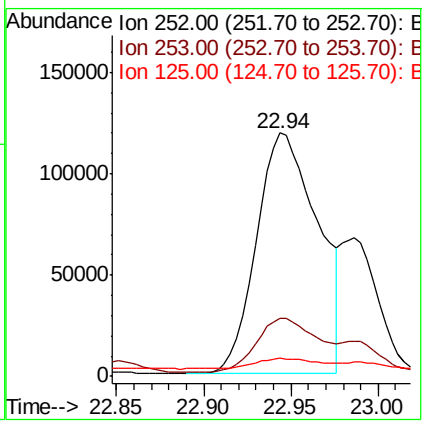


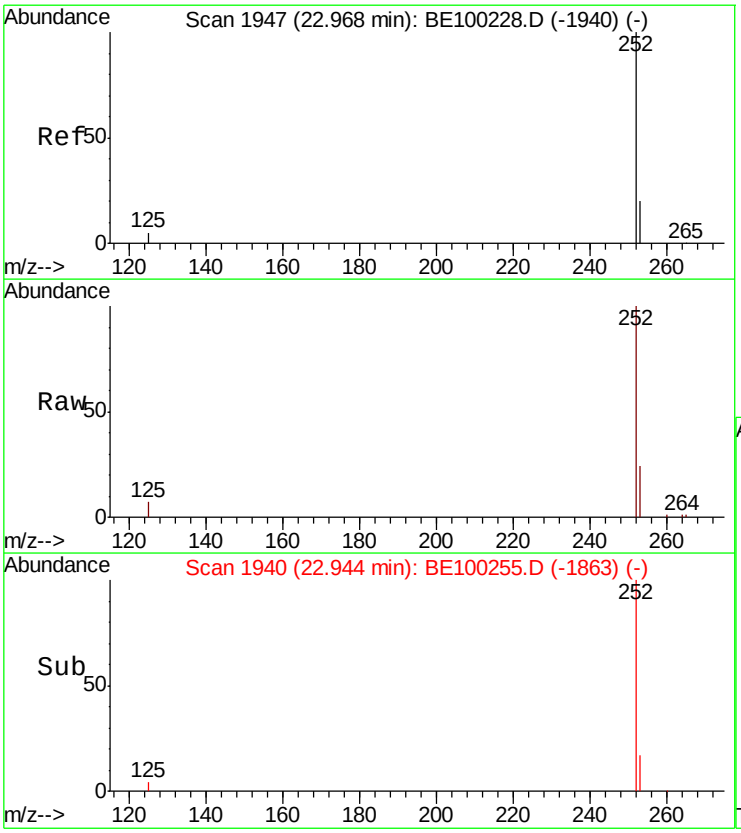
#35
Benzo(b)fluoranthene
Concen: 8.813 ng
RT: 22.94 min Scan# 1940
Delta R.T. 0.02 min
Lab File: BE100255.D
Acq: 29 Jun 2019 3:28

Instrument :
BNA_E
ClientSampleId :
EXT-008-SW117-061719

Tgt Ion:252 Resp: 289967

Ion	Ratio	Lower	Upper
252	100		
253	23.9	19.2	28.8
125	7.3	7.4	11.0#

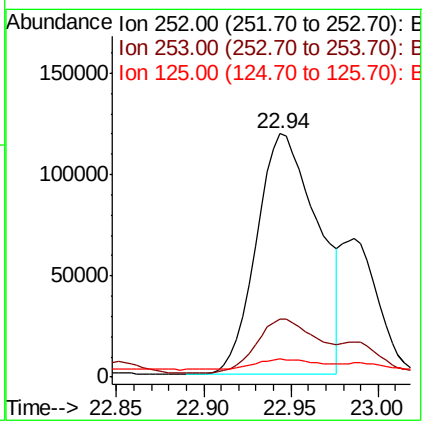


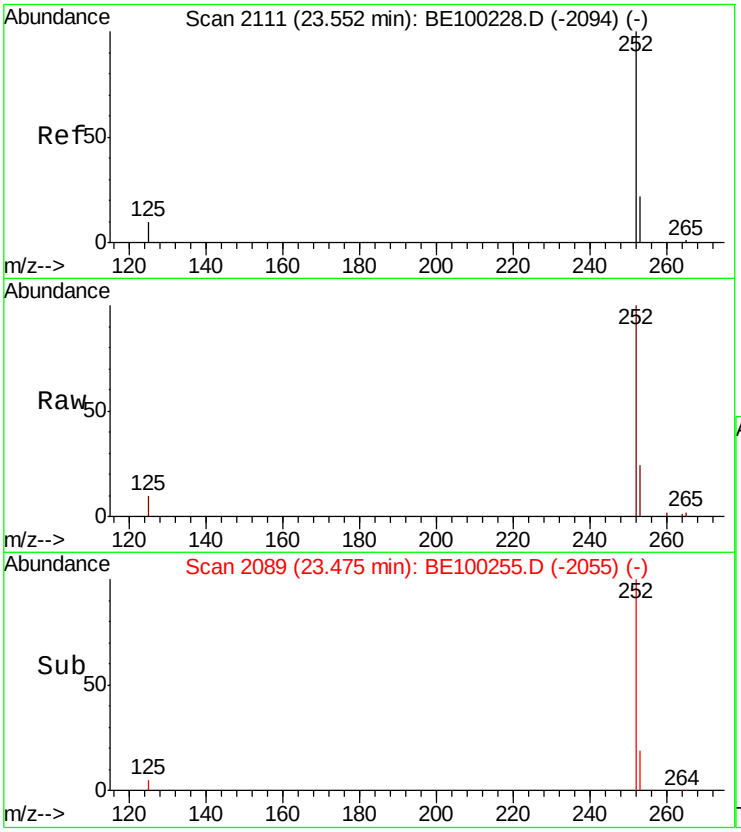


#36
Benzo(k)fluoranthene
Concen: 7.895 ng
RT: 22.94 min Scan# 1940
Delta R.T. -0.02 min
Lab File: BE100255.D
Acq: 29 Jun 2019 3:28

Tgt Ion:252 Resp: 289967

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.9	26.9
125	7.3	5.0	7.4



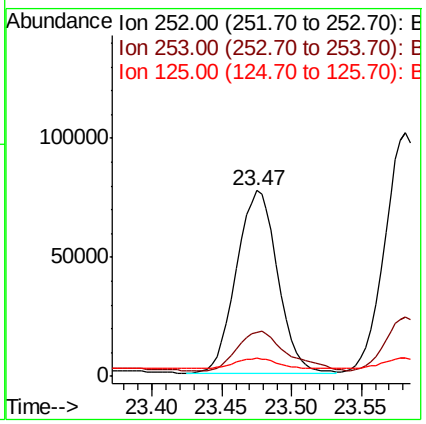


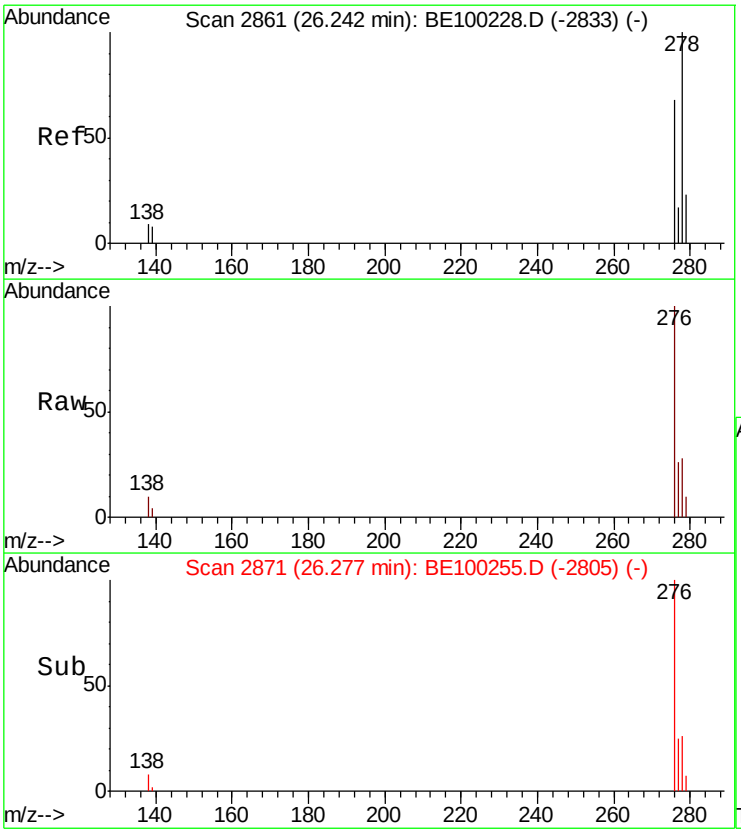
#37
Benzo(a)pyrene
Concen: 4.774 ng
RT: 23.47 min Scan# 2089
Delta R.T. -0.08 min
Lab File: BE100255.D
Acq: 29 Jun 2019 3:28

Instrument :
BNA_E
ClientSampleId :
EXT-008-SW117-061719

Tgt Ion:252 Resp: 157449

Ion	Ratio	Lower	Upper
252	100		
253	23.9	19.6	29.4
125	9.7	9.0	13.6

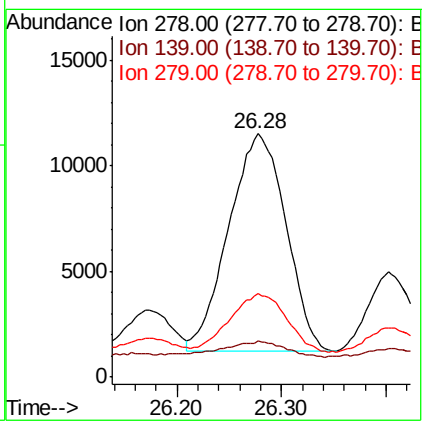


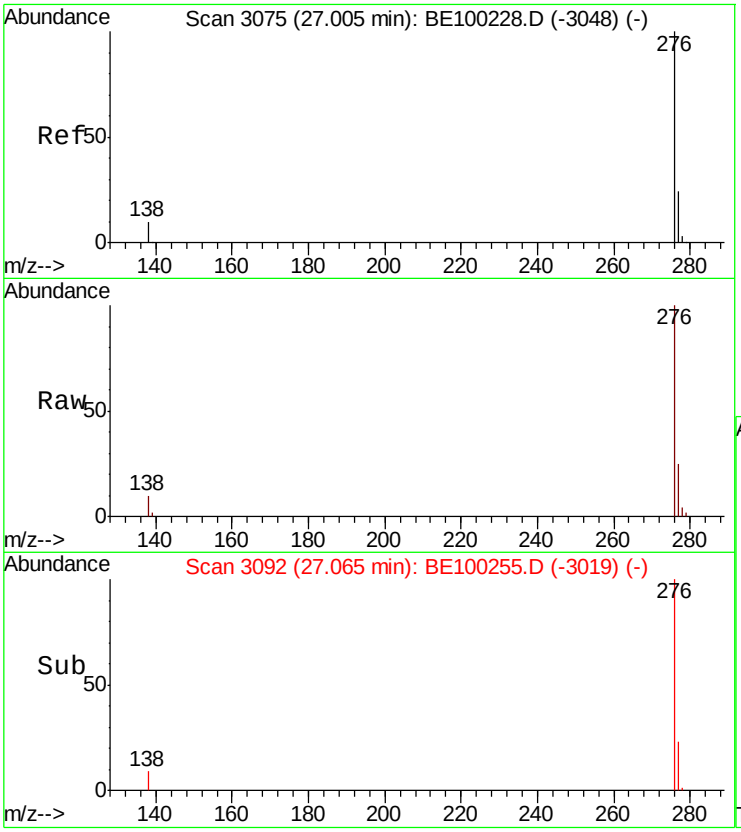


#38
Dibenzo(a,h)anthracene
Concen: 1.136 ng
RT: 26.28 min Scan# 2871
Delta R.T. 0.04 min
Lab File: BE100255.D
Acq: 29 Jun 2019 3:28

Tgt Ion:278 Resp: 39128

Ion	Ratio	Lower	Upper
278	100		
139	14.8	8.2	12.2#
279	34.5	20.3	30.5#





#39
Benzo(g,h,i)perylene
Concen: 5.447 ng
RT: 27.07 min Scan# 3092
Delta R.T. 0.06 min
Lab File: BE100255.D
Acq: 29 Jun 2019 3:28

Instrument :
BNA_E
ClientSampleId :
EXT-008-SW117-061719

Tgt Ion:276 Resp: 192722

Ion	Ratio	Lower	Upper
276	100		
277	24.9	20.2	30.2
138	9.9	9.0	13.6