Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE052919\
Data File : BE099780.D
Acq On : 29 May 2019 17:23
Operator : JU/SJ
Sample : K3076-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : FESB-07(5-5.5)

Quant Time: May 30 01:30:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE052019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 20 19:29:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	1546	0.40	ng		0.00
7) Naphthalene-d8	10.60	136	5333	0.40	ng		-0.01
13) Acenaphthene-d10	14.47	164	3865	0.40	ng		-0.01
19) Phenanthrene-d10	17.22	188	11742	0.40	ng		-0.01
27) Chrysene-d12	21.40	240	16112	0.40	ng		-0.01
34) Perylene-d12	23.94	264	19020	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.38	112	1808	0.46	ng		0.00
5) Phenol-d6	6.97	99	2417	0.47	ng		0.00
8) Nitrobenzene-d5	8.96	82	1657	0.36	ng		-0.01
11) 2-Methylnaphthalene-d10	12.21	152	2972	0.32	ng		-0.01
14) 2,4,6-Tribromophenol	15.97	330	940	0.45	ng		-0.01
15) 2-Fluorobiphenyl	13.10	172	4452	0.30	ng		0.00
25) Fluoranthene-d10	19.25	212	44685	0.28	ng		-0.01
29) Terphenyl-d14	19.85	244	8724	0.30	ng		-0.02
Target Compounds							Qvalue
9) Naphthalene	10.65	128	4200	0.074	ng	#	94
12) 2-Methylnaphthalene	12.28	142	219	0.024	ng	#	84
16) Acenaphthylene	14.20	152	5451	0.303	ng		99
17) Acenaphthene	14.54	154	392	0.039	ng		90
18) Fluorene	15.51	166	1520	0.102	ng		98
22) Pentachlorophenol	16.87	266	14	0.187	ng	#	79
23) Phenanthrene	17.26	178	23443	0.817	ng		100
24) Anthracene	17.35	178	5379	0.207	ng		99
26) Fluoranthene	19.28	202	95936	2.115	ng		100
28) Pyrene	19.65	202	92687	2.290	ng	#	96
30) Benzo(a)anthracene	21.39	228	72285	1.579	ng		96
31) Chrysene	21.44	228	62860	1.284	ng		97
32) Bis(2-ethylhexyl)phthalate	21.31	149	20036	0.380	ng		99
33) Indeno(1,2,3-cd)pyrene	26.63	276	68339	1.156	ng		98
35) Benzo(b)fluoranthene	23.16	252	117002	2.245	ng	#	96
36) Benzo(k)fluoranthene	23.16	252	117002	2.154	ng	#	95
37) Benzo(a)pyrene	23.83	252	76593	1.527	ng		99
38) Dibenzo(a,h)anthracene	26.64	278	16472	0.313	ng	#	92
39) Benzo(g,h,i)perylene	27.46	276	64536	1.213	ng		99

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE052919\
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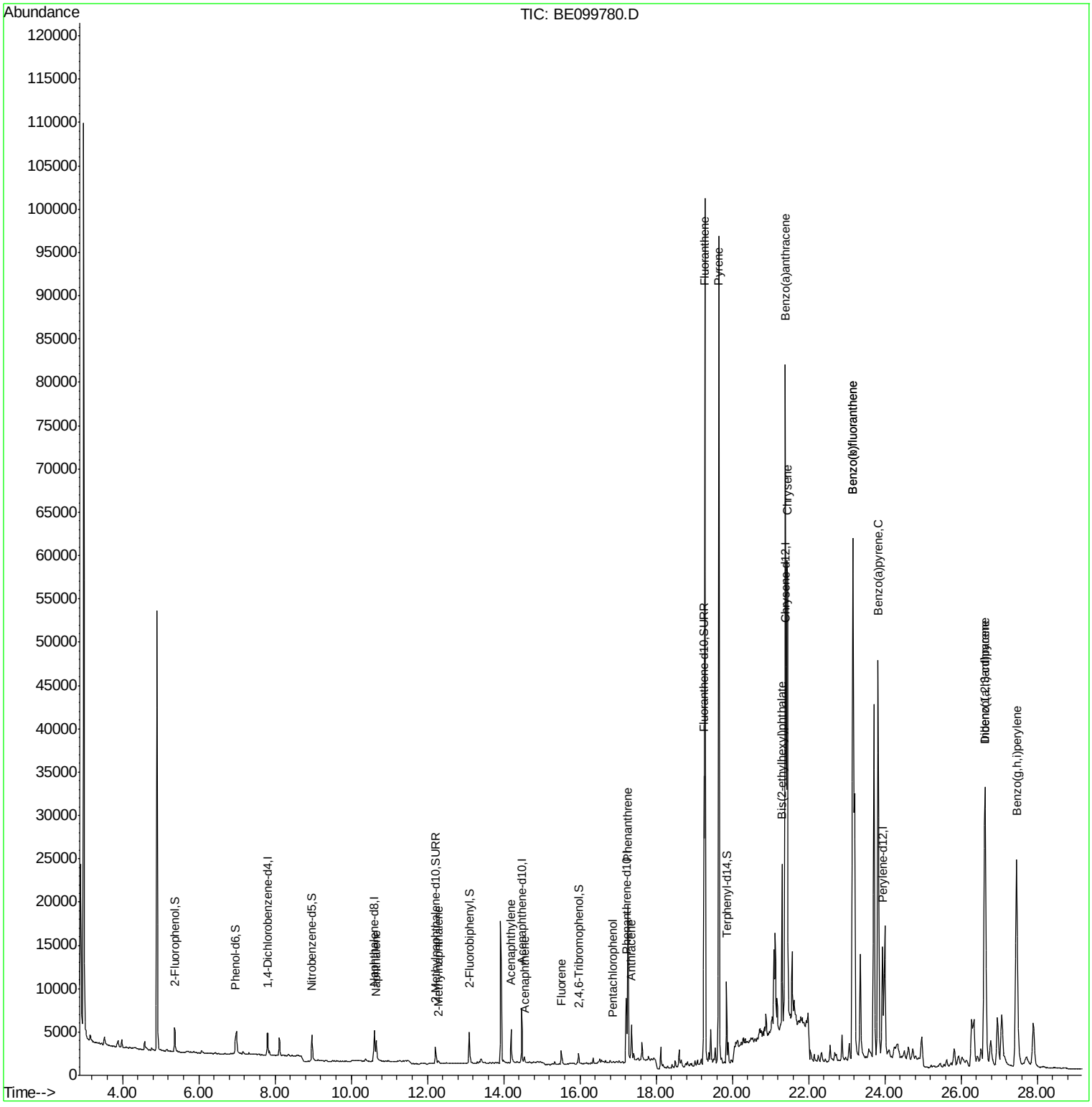
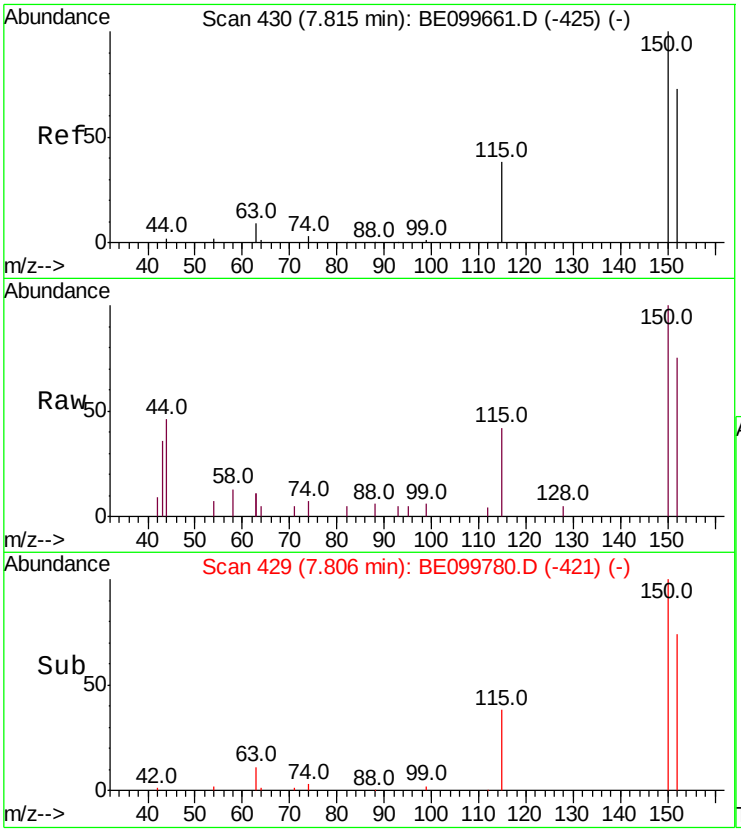
Sample : K3076-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
FESB-07(5-5.5)

Quant Time: May 30 01:30:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE052019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 20 19:29:40 2019
Response via : Initial Calibration



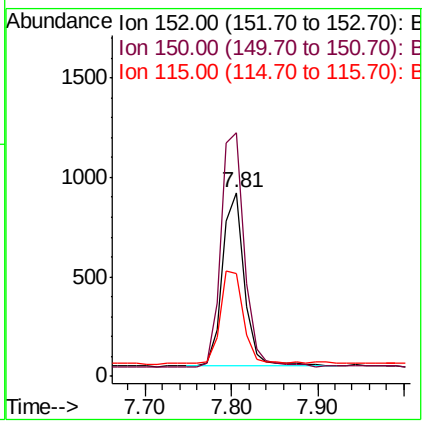


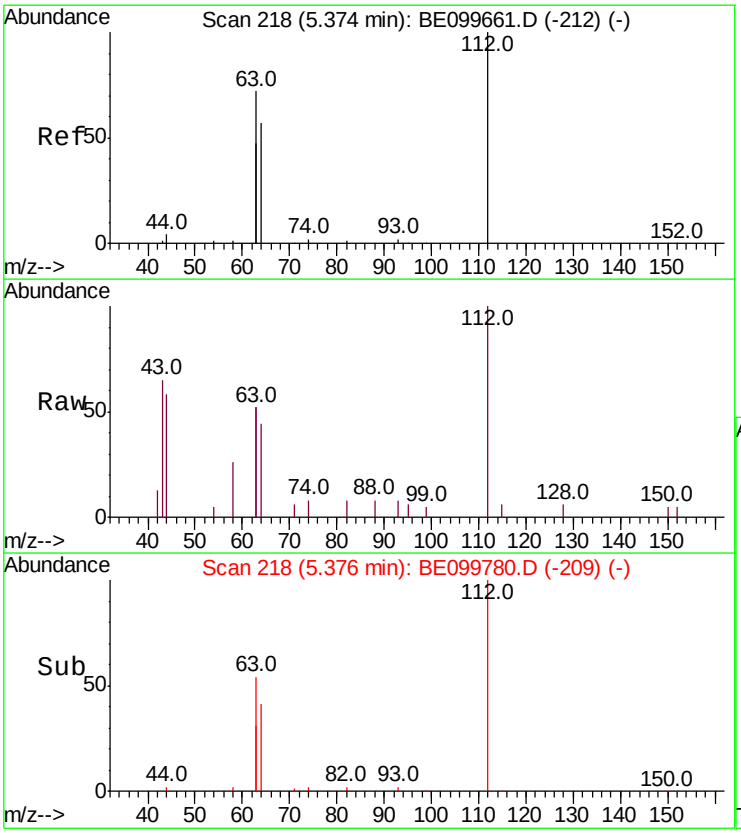
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.81 min Scan# 429
Delta R.T. -0.01 min
Lab File: BE099780.D
Acq: 29 May 2019 17:23

Instrument :
BNA_E
ClientSampleId :
FESB-07(5-5.5)

Tgt Ion:152 Resp: 1546

Ion	Ratio	Lower	Upper
152	100		
150	132.5	109.2	163.8
115	55.6	43.7	65.5

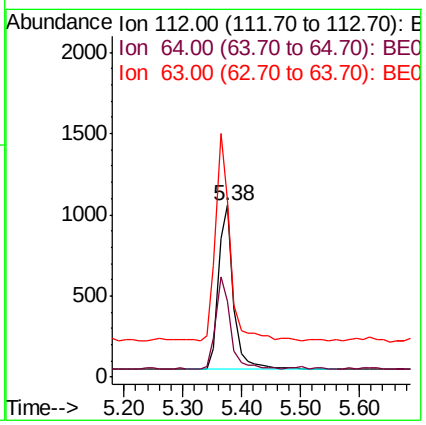


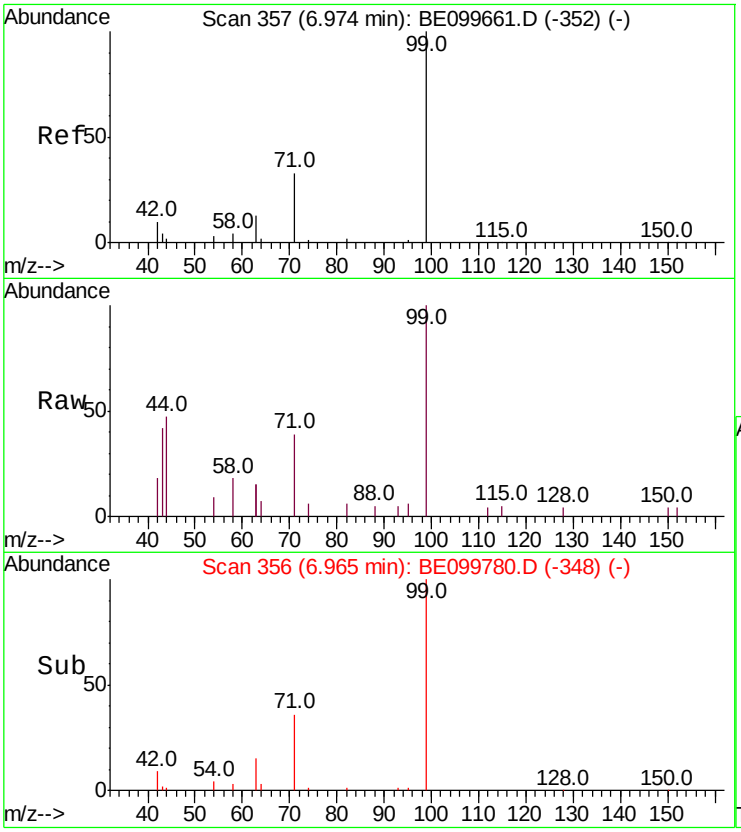


#4
2-Fluorophenol
Concen: 0.463 ng
RT: 5.38 min Scan# 218
Delta R.T. 0.00 min
Lab File: BE099780.D
Acq: 29 May 2019 17:23

Tgt Ion:112 Resp: 1808

Ion	Ratio	Lower	Upper
112	100		
64	54.1	43.4	65.2
63	118.5	96.9	145.3



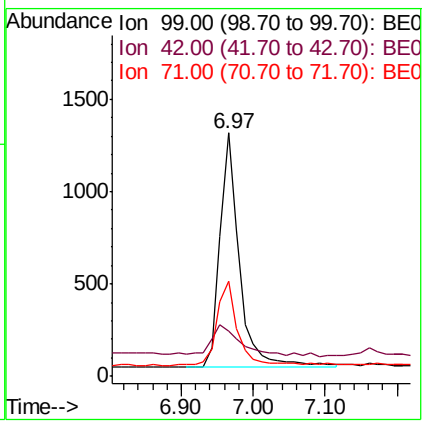


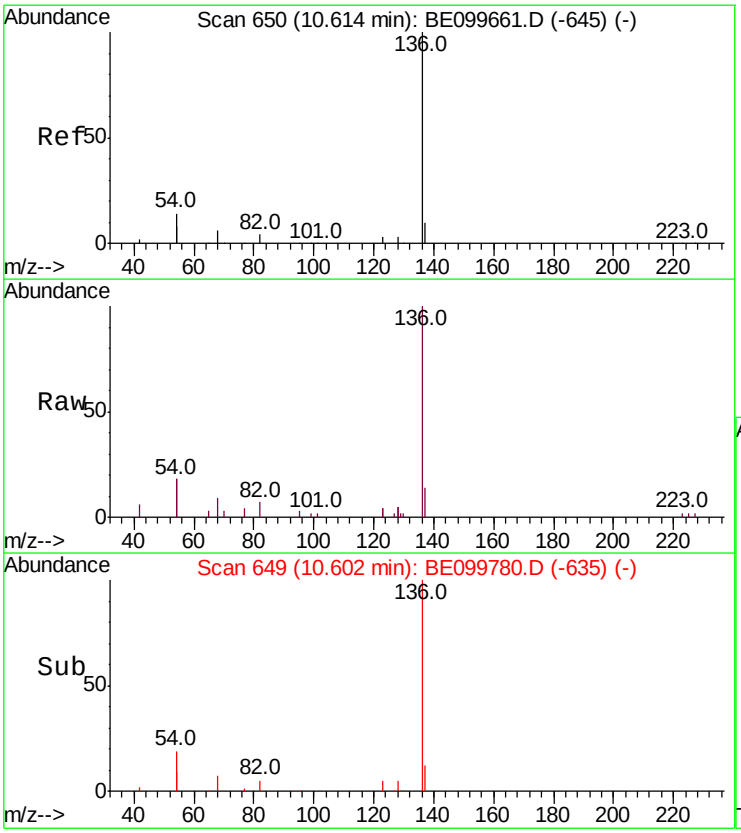
#5
Phenol-d6
Concen: 0.467 ng
RT: 6.97 min Scan# 356
Delta R.T. -0.01 min
Lab File: BE099780.D
Acq: 29 May 2019 17:23

Instrument :
BNA_E
ClientSampleId :
FESB-07(5-5.5)

Tgt Ion: 99 Resp: 2417

Ion	Ratio	Lower	Upper
99	100		
42	18.7	12.2	18.2#
71	38.0	28.9	43.3

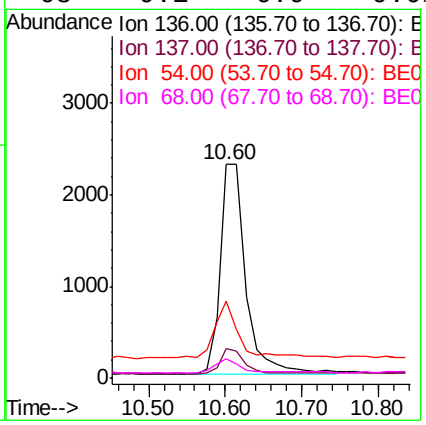


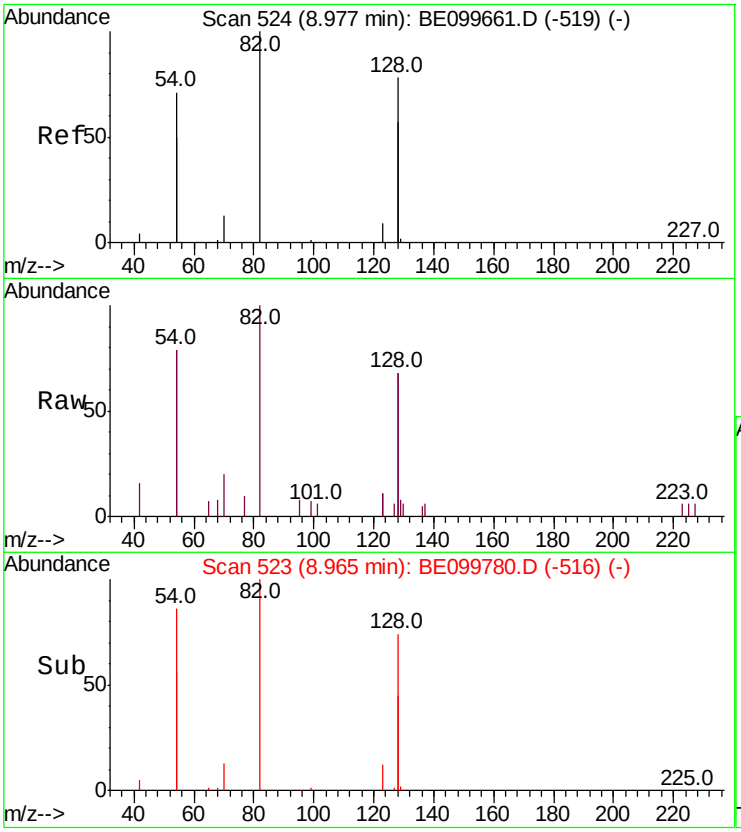


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.60 min Scan# 649
Delta R.T. -0.01 min
Lab File: BE099780.D
Acq: 29 May 2019 17:23

Tgt Ion:136 Resp: 5333

Ion	Ratio	Lower	Upper
136	100		
137	13.6	9.0	13.6#
54	36.3	22.3	33.5#
68	9.1	6.0	9.0#



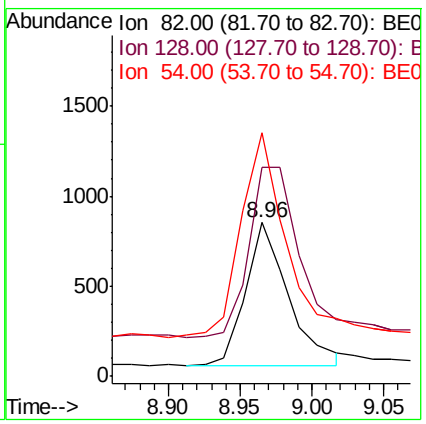


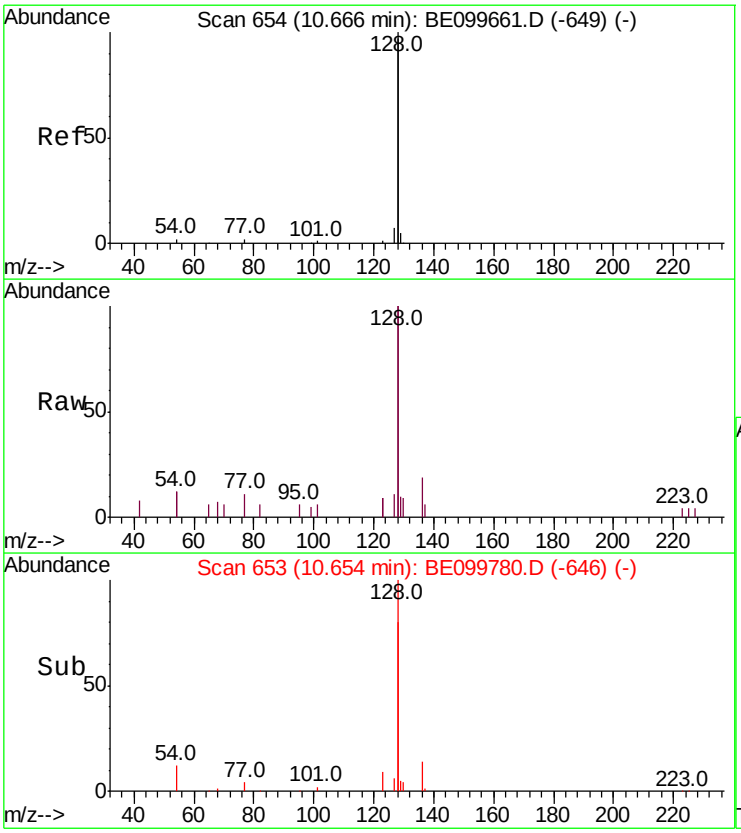
#8
Nitrobenzene-d5
Concen: 0.359 ng
RT: 8.96 min Scan# 523
Delta R.T. -0.01 min
Lab File: BE099780.D
Acq: 29 May 2019 17:23

Instrument :
BNA_E
ClientSampleId :
FESB-07(5-5.5)

Tgt Ion: 82 Resp: 1657

Ion	Ratio	Lower	Upper
82	100		
128	136.1	117.7	176.5
54	158.3	106.6	160.0

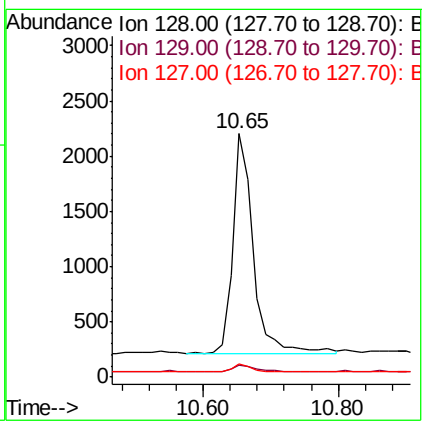


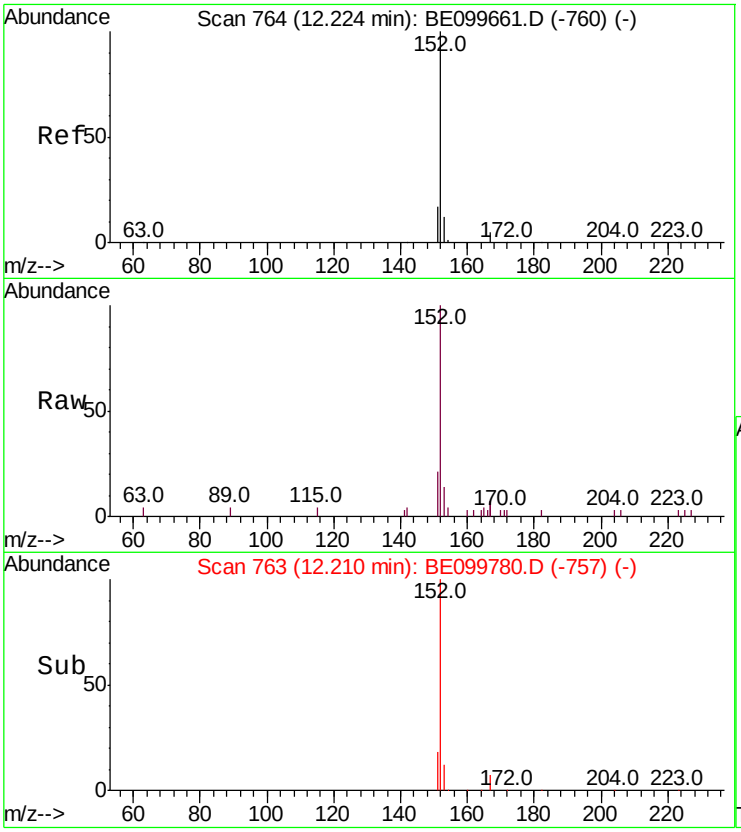


#9
Naphthalene
Concen: 0.074 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.01 min
Lab File: BE099780.D
Acq: 29 May 2019 17:23

Tgt Ion:128 Resp: 4200

Ion	Ratio	Lower	Upper
128	100		
129	5.0	2.4	3.6#
127	5.3	2.9	4.3#



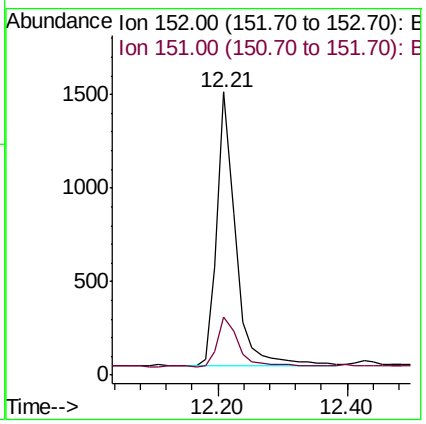


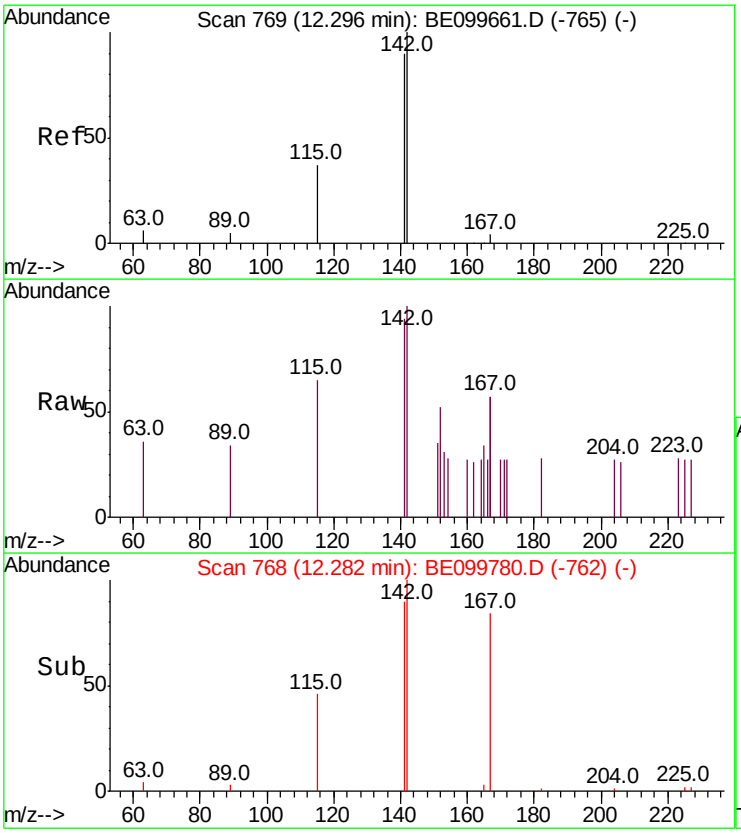
#11
2-Methylnaphthalene-d10
Concen: 0.323 ng
RT: 12.21 min Scan# 763
Delta R.T. -0.01 min
Lab File: BE099780.D
Acq: 29 May 2019 17:23

Instrument :
BNA_E
ClientSampleId :
FESB-07(5-5.5)

Tgt Ion:152 Resp: 2972

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.0	22.4

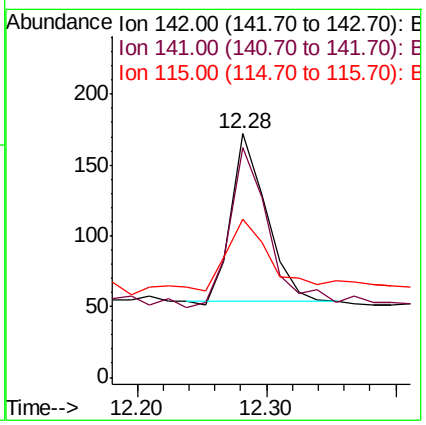


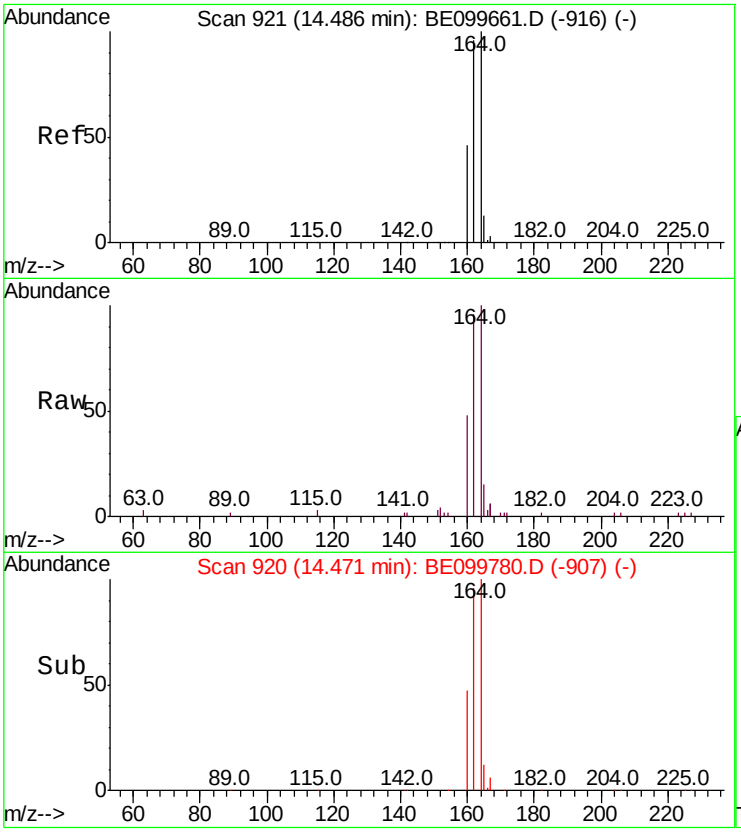


#12
2-Methylnaphthalene
Concen: 0.024 ng
RT: 12.28 min Scan# 768
Delta R.T. -0.01 min
Lab File: BE099780.D
Acq: 29 May 2019 17:23

Tgt Ion:142 Resp: 219

Ion	Ratio	Lower	Upper
142	100		
141	94.2	72.0	108.0
115	65.1	31.0	46.4#



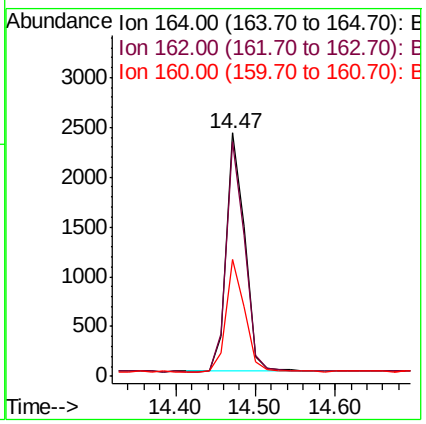


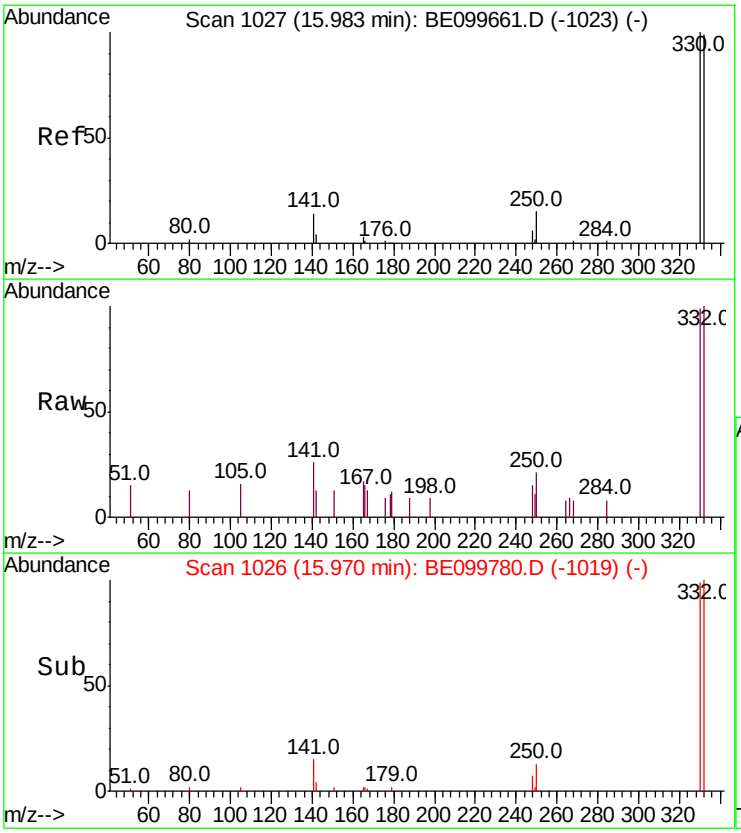
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.01 min
Lab File: BE099780.D
Acq: 29 May 2019 17:23

Instrument :
BNA_E
ClientSampleId :
FESB-07(5-5.5)

Tgt Ion:164 Resp: 3865

Ion	Ratio	Lower	Upper
164	100		
162	96.2	76.5	114.7
160	48.1	37.4	56.2

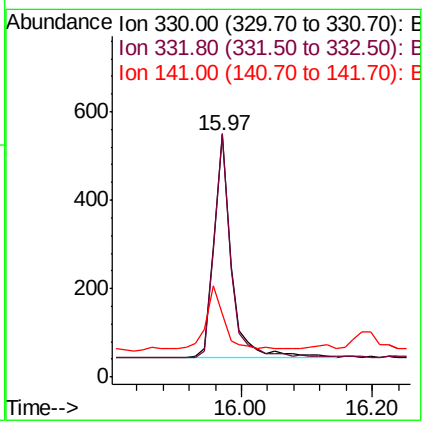


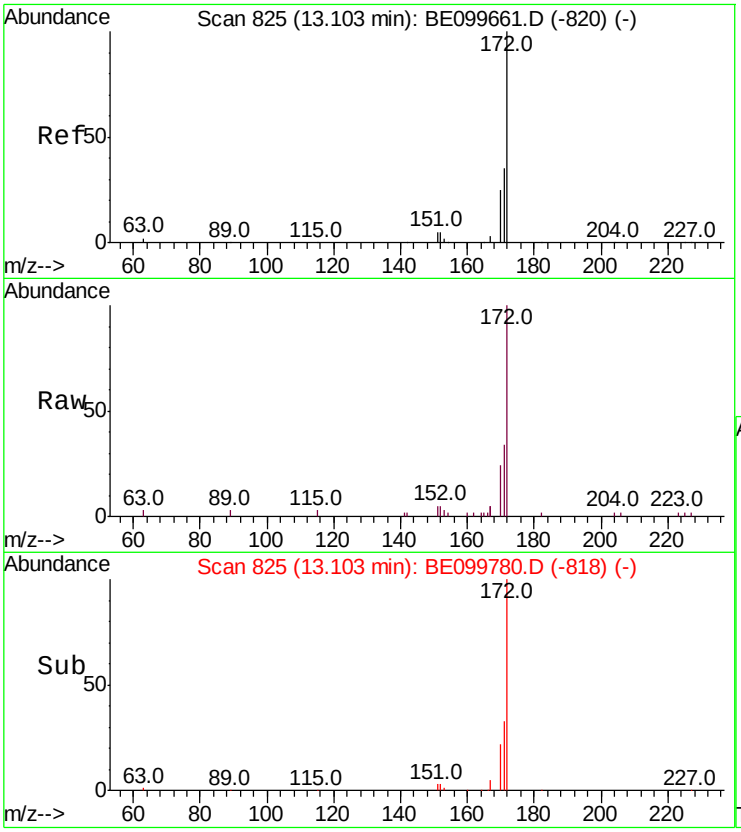


#14
2,4,6-Tribromophenol
Concen: 0.448 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BE099780.D
Acq: 29 May 2019 17:23

Tgt Ion:330 Resp: 940

Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.3	115.9
141	27.9	18.9	28.3



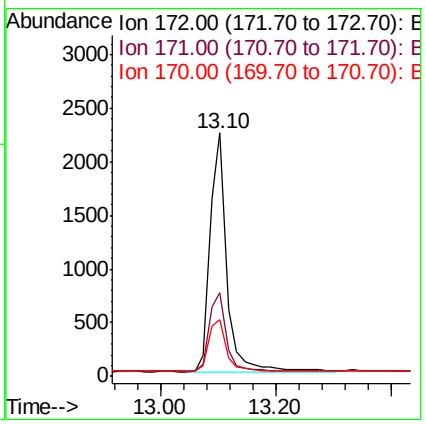


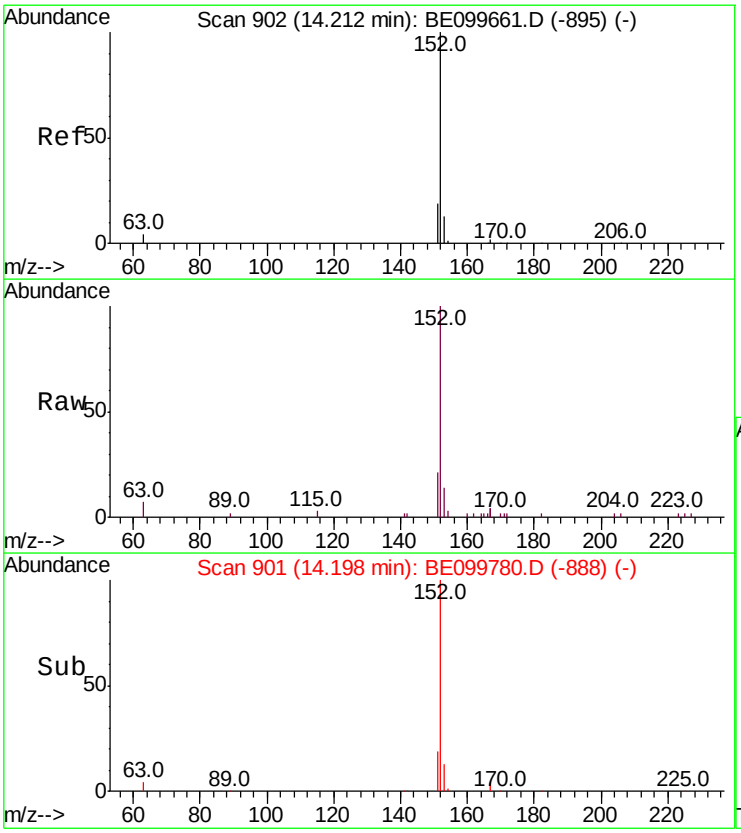
#15
2-Fluorobiphenyl
Concen: 0.304 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE099780.D
Acq: 29 May 2019 17:23

Instrument :
BNA_E
ClientSampleId :
FESB-07(5-5.5)

Tgt Ion:172 Resp: 4452

Ion	Ratio	Lower	Upper
172	100		
171	34.3	28.7	43.1
170	23.5	20.9	31.3

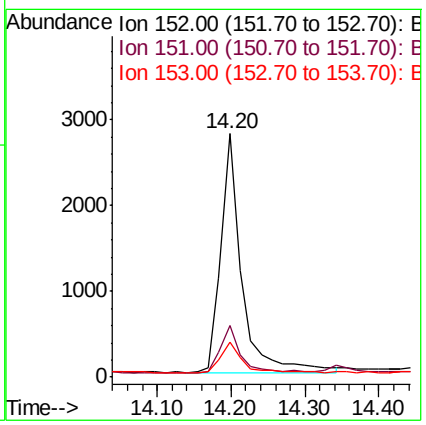


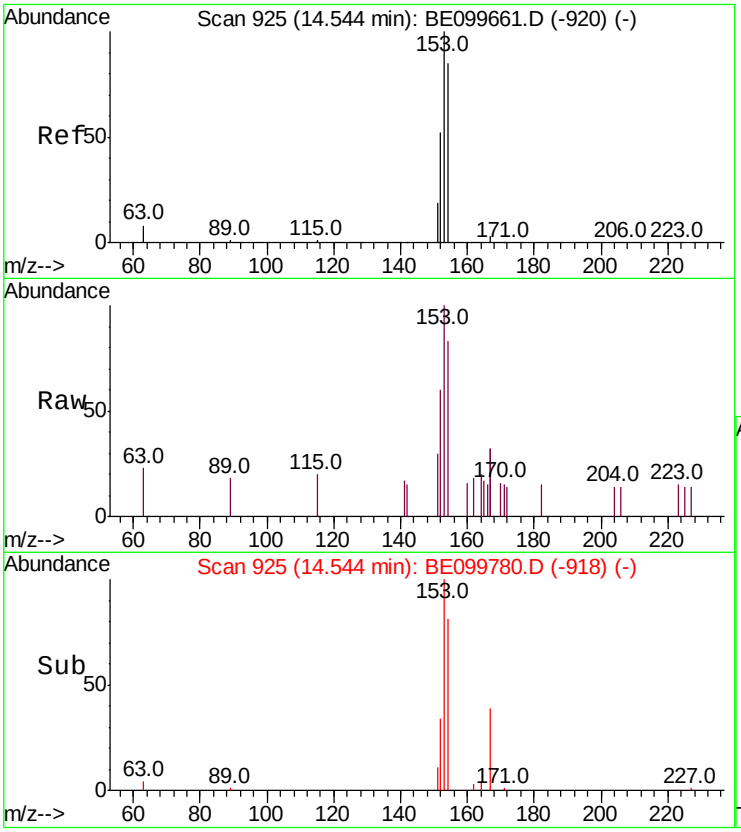


#16
Acenaphthylene
Concen: 0.303 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.01 min
Lab File: BE099780.D
Acq: 29 May 2019 17:23

Tgt Ion:152 Resp: 5451

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.9	23.9
153	13.4	10.6	16.0



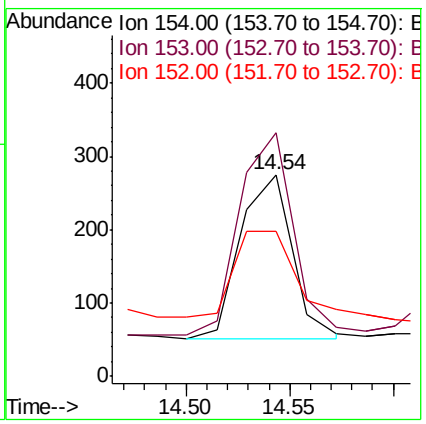


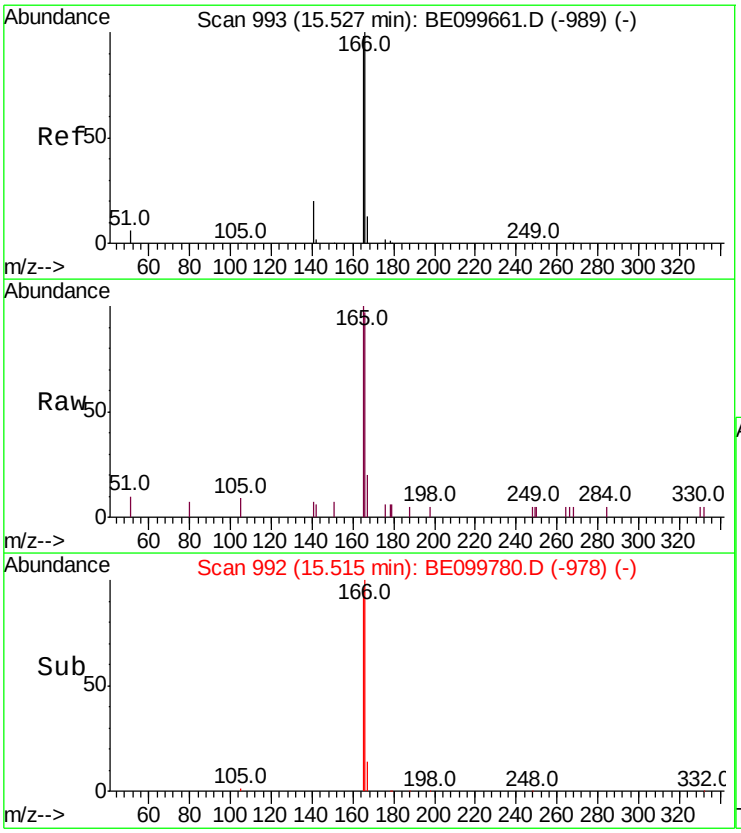
#17
Acenaphthene
Concen: 0.039 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE099780.D
Acq: 29 May 2019 17:23

Instrument :
BNA_E
ClientSampleId :
FESB-07(5-5.5)

Tgt Ion:154 Resp: 392

Ion	Ratio	Lower	Upper
154	100		
153	127.8	91.8	137.6
152	61.0	46.0	69.0

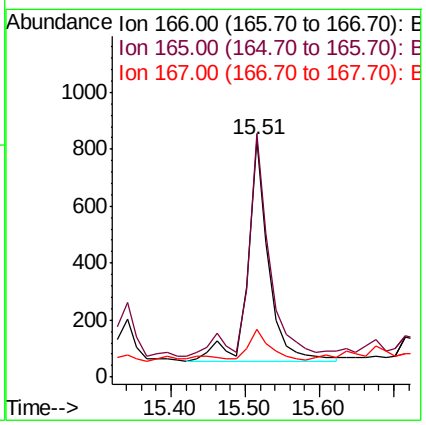


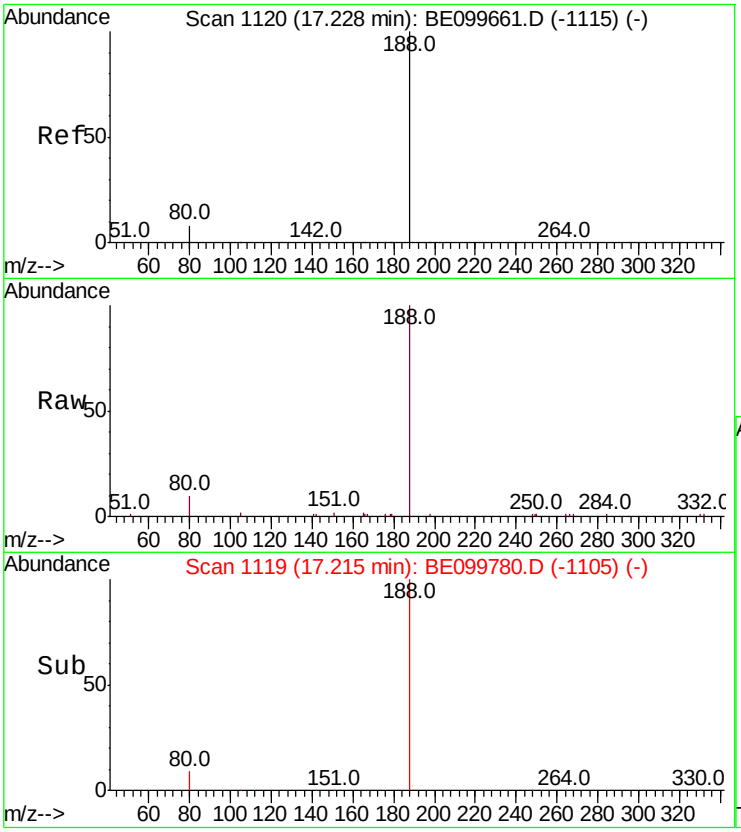


#18
Fluorene
Concen: 0.102 ng
RT: 15.51 min Scan# 992
Delta R.T. -0.01 min
Lab File: BE099780.D
Acq: 29 May 2019 17:23

Tgt Ion:166 Resp: 1520

Ion	Ratio	Lower	Upper
166	100		
165	103.0	80.3	120.5
167	13.7	10.6	16.0



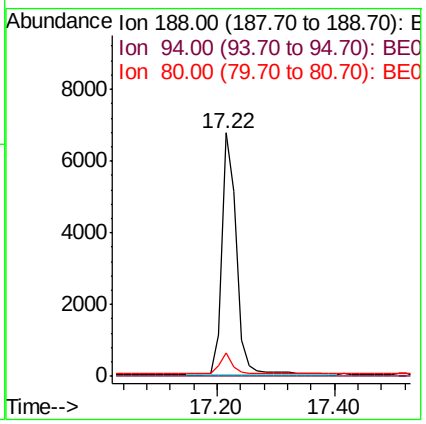


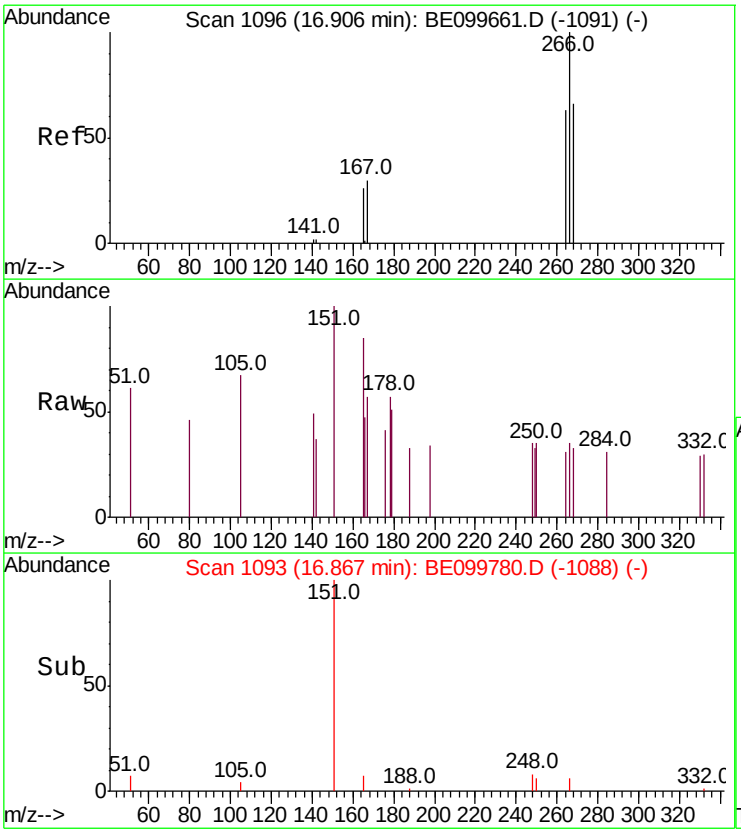
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.22 min Scan# 1119
Delta R.T. -0.01 min
Lab File: BE099780.D
Acq: 29 May 2019 17:23

Instrument :
BNA_E
ClientSampleId :
FESB-07(5-5.5)

Tgt Ion:188 Resp: 11742

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.8	6.7	10.1

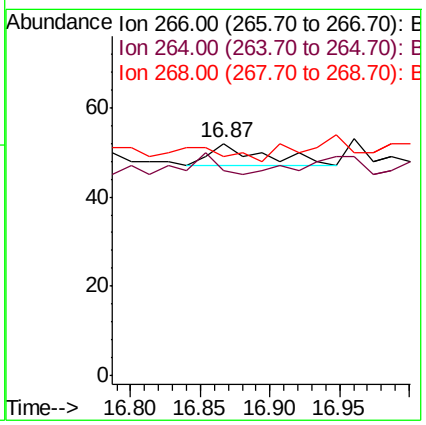


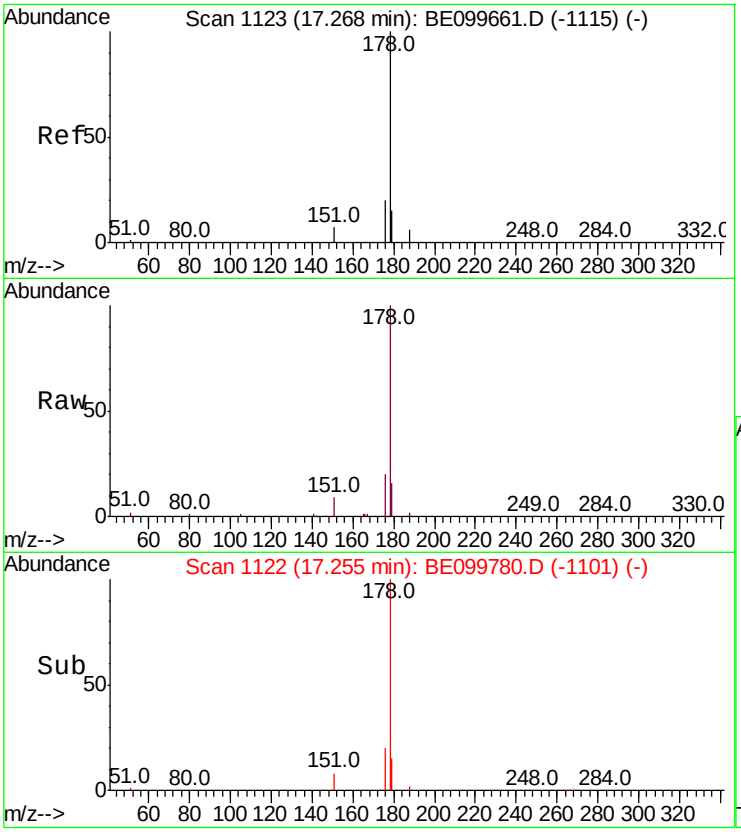


#22
Pentachlorophenol
Concen: 0.187 ng
RT: 16.87 min Scan# 1093
Delta R.T. -0.04 min
Lab File: BE099780.D
Acq: 29 May 2019 17:23

Tgt Ion:266 Resp: 14

Ion	Ratio	Lower	Upper
266	100		
264	88.5	57.2	85.8#
268	94.2	60.5	90.7#



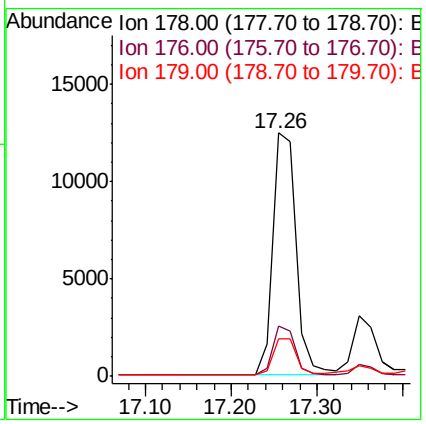


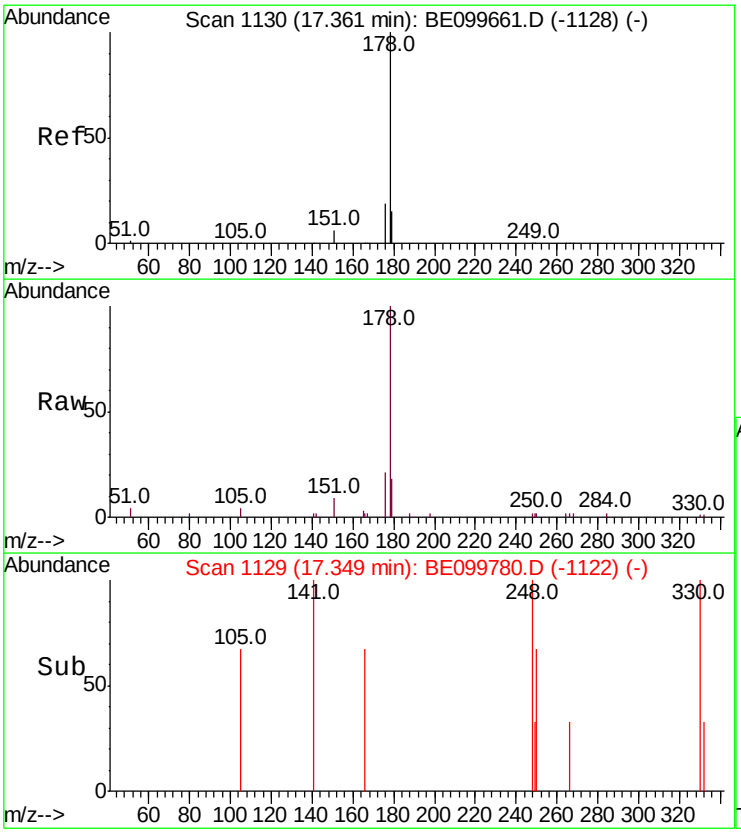
#23
Phenanthrene
Concen: 0.817 ng
RT: 17.26 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BE099780.D
Acq: 29 May 2019 17:23

Instrument :
BNA_E
ClientSampleId :
FESB-07(5-5.5)

Tgt Ion:178 Resp: 23443

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.6	23.4
179	15.5	12.2	18.4

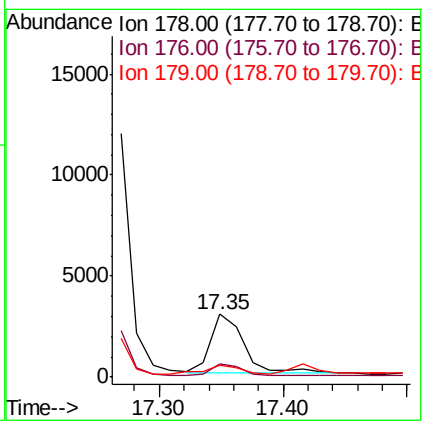


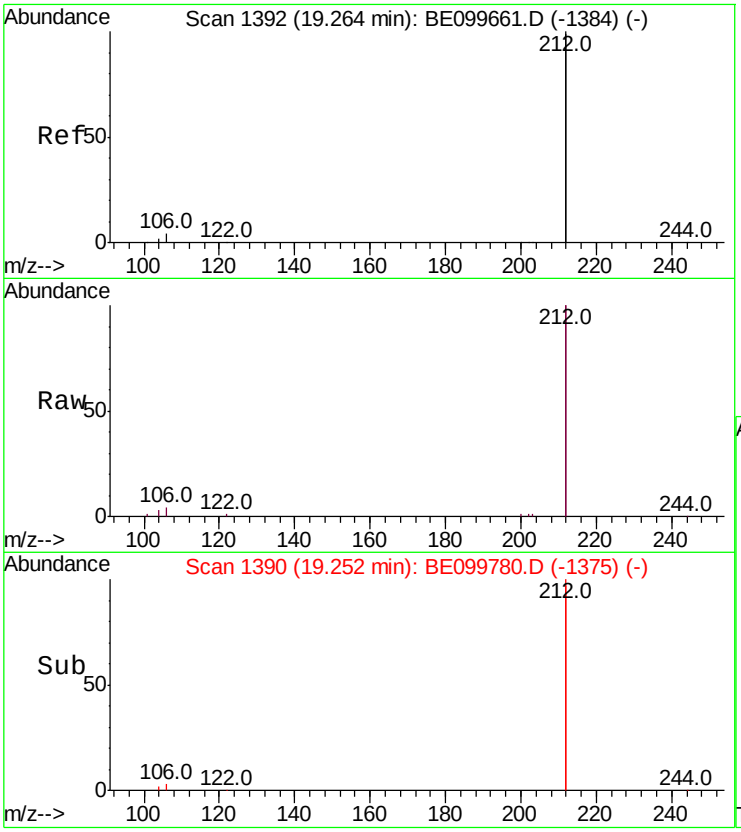


#24
Anthracene
Concen: 0.207 ng
RT: 17.35 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BE099780.D
Acq: 29 May 2019 17:23

Tgt Ion:178 Resp: 5379

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.7	22.1
179	13.9	12.0	18.0



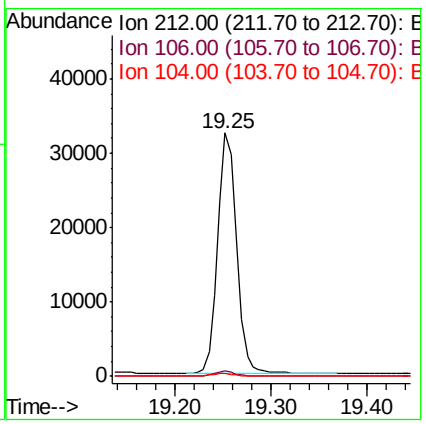


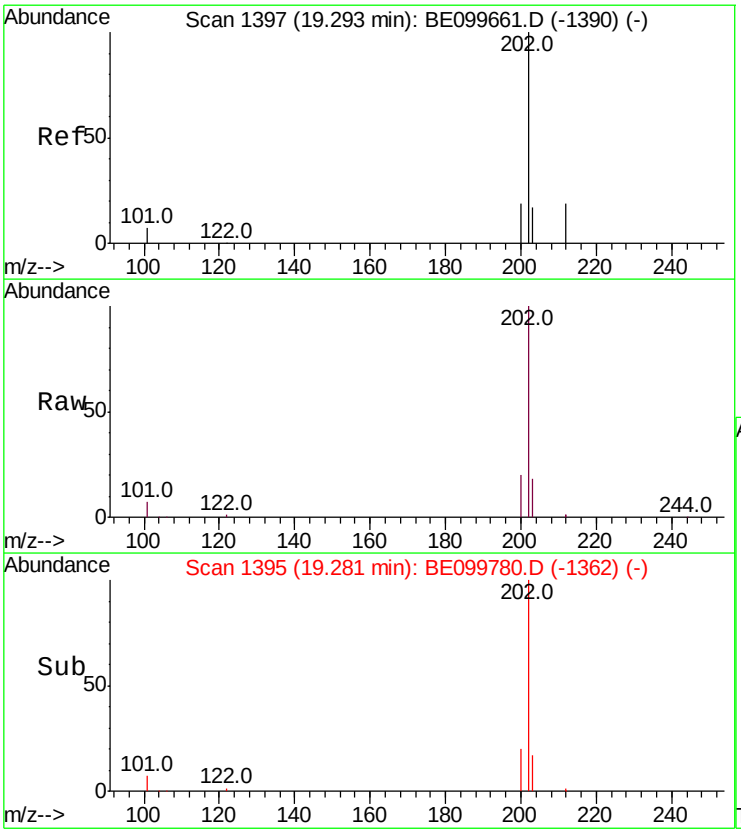
#25
Fluoranthene-d10
Concen: 0.278 ng
RT: 19.25 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BE099780.D
Acq: 29 May 2019 17:23

Instrument :
BNA_E
ClientSampleId :
FESB-07(5-5.5)

Tgt Ion:212 Resp: 44685

Ion	Ratio	Lower	Upper
212	100		
106	1.9	1.4	2.2
104	1.1	0.8	1.2

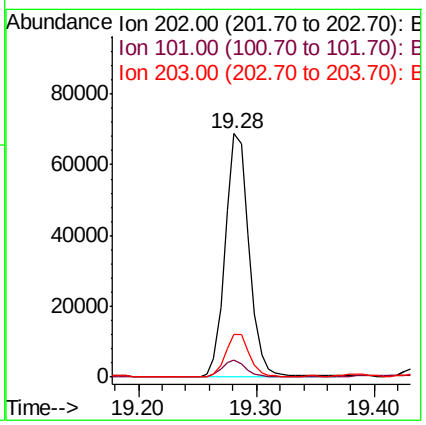


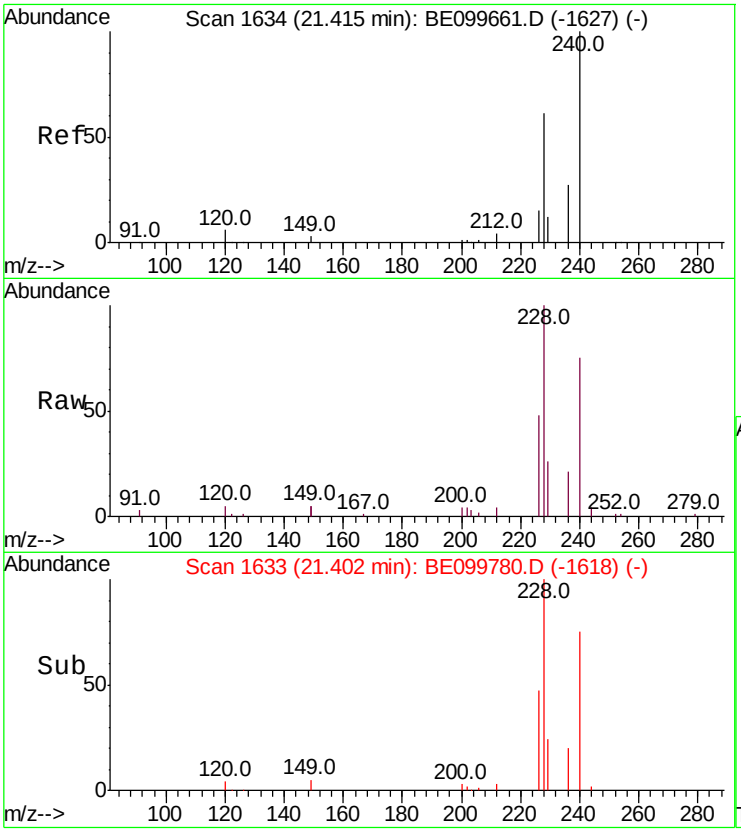


#26
Fluoranthene
Concen: 2.115 ng
RT: 19.28 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BE099780.D
Acq: 29 May 2019 17:23

Tgt Ion:202 Resp: 95936

Ion	Ratio	Lower	Upper
202	100		
101	6.7	5.2	7.8
203	17.4	13.8	20.6



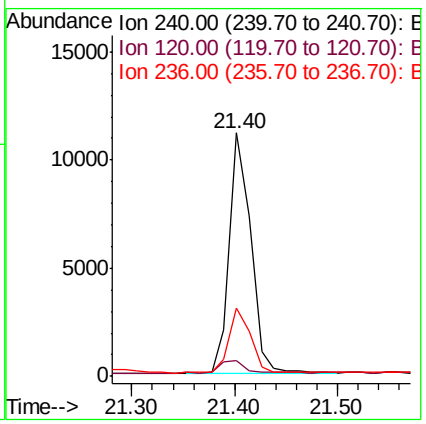


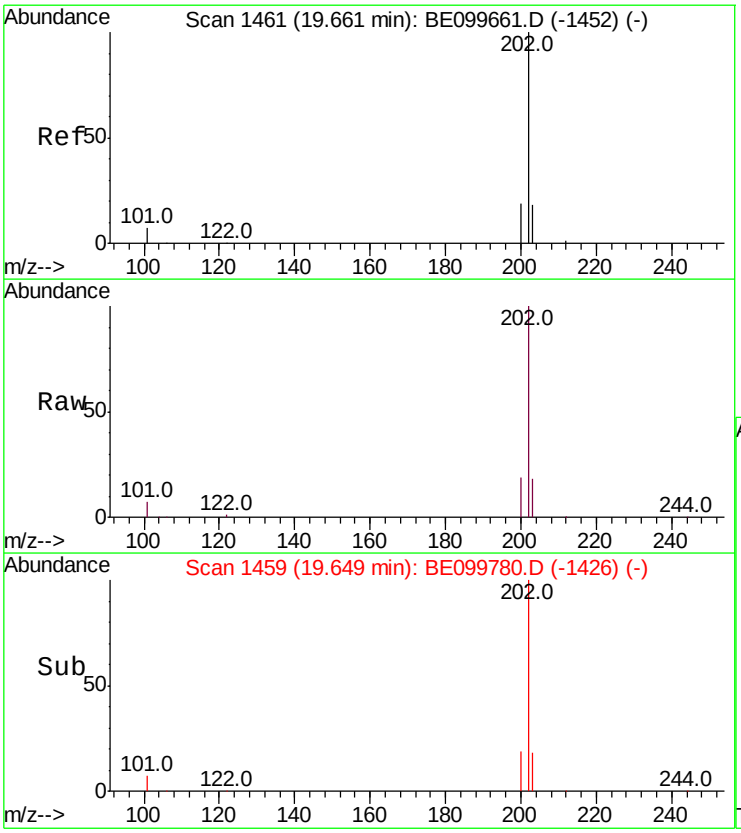
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.01 min
Lab File: BE099780.D
Acq: 29 May 2019 17:23

Instrument :
BNA_E
ClientSampleId :
FESB-07(5-5.5)

Tgt Ion:240 Resp: 16112

Ion	Ratio	Lower	Upper
240	100		
120	6.2	5.4	8.0
236	28.2	21.7	32.5

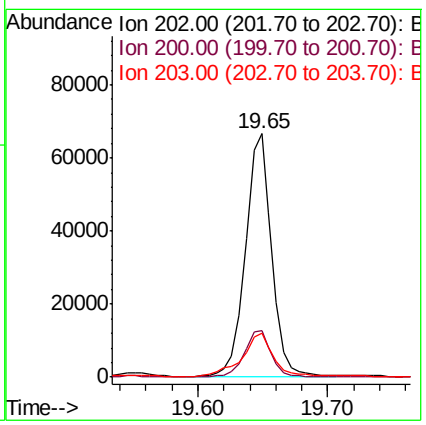


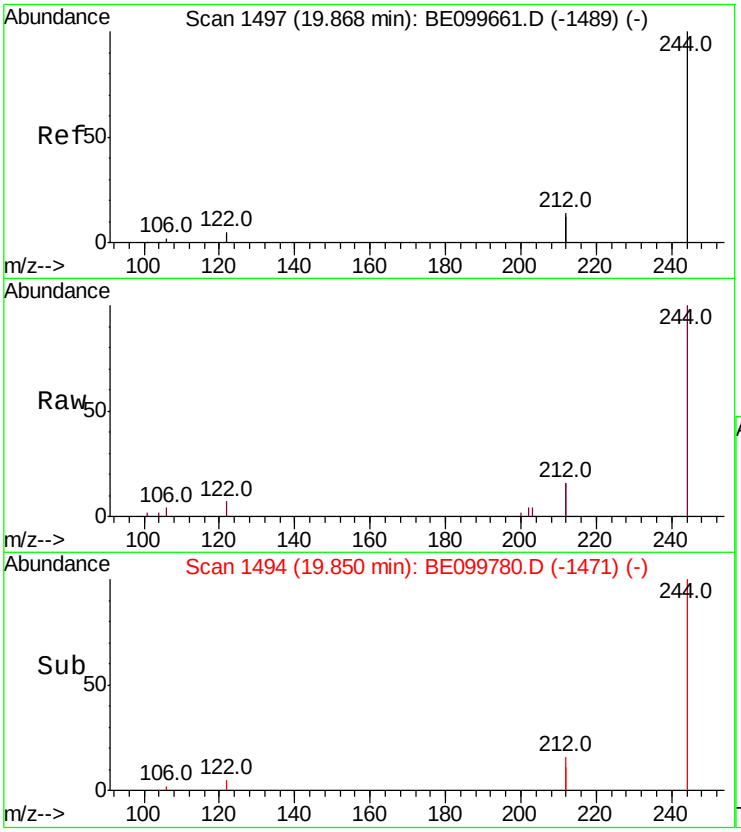


#28
Pyrene
Concen: 2.290 ng
RT: 19.65 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BE099780.D
Acq: 29 May 2019 17:23

Tgt Ion:202 Resp: 92687

Ion	Ratio	Lower	Upper
202	100		
200	19.6	15.4	23.2
203	20.9	13.8	20.8#



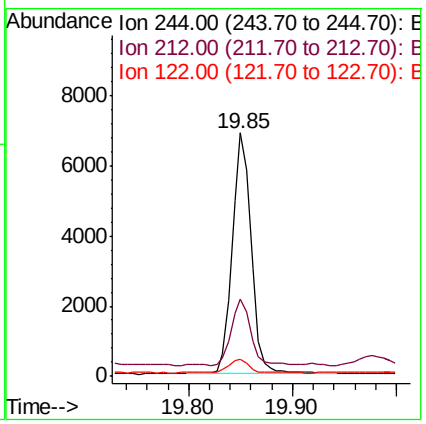


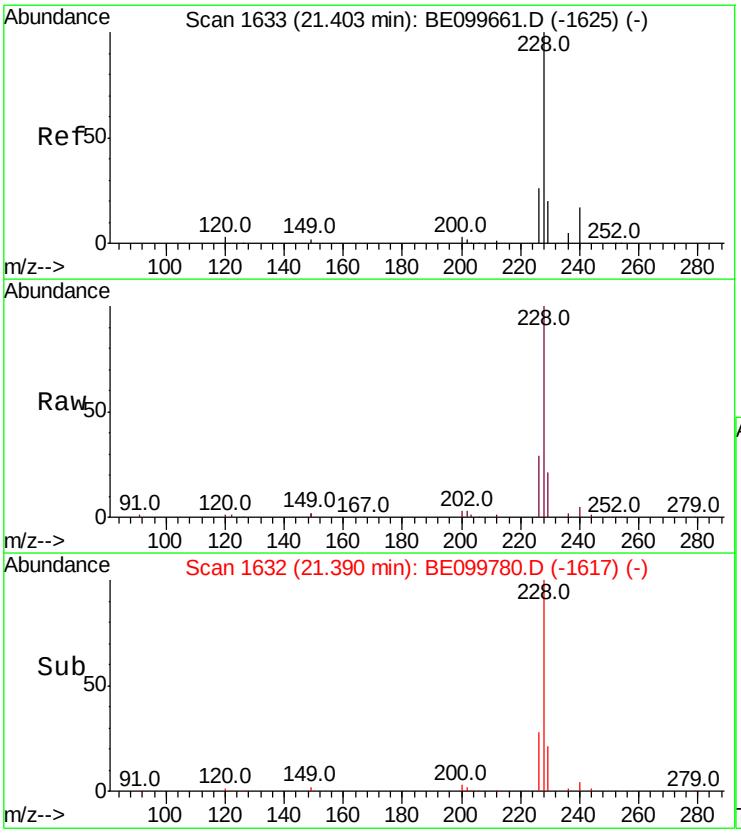
#29
Terphenyl-d14
Concen: 0.303 ng
RT: 19.85 min Scan# 1494
Delta R.T. -0.02 min
Lab File: BE099780.D
Acq: 29 May 2019 17:23

Instrument :
BNA_E
ClientSampleId :
FESB-07(5-5.5)

Tgt Ion:244 Resp: 8724

Ion	Ratio	Lower	Upper
244	100		
212	31.7	22.5	33.7
122	6.8	4.3	6.5#

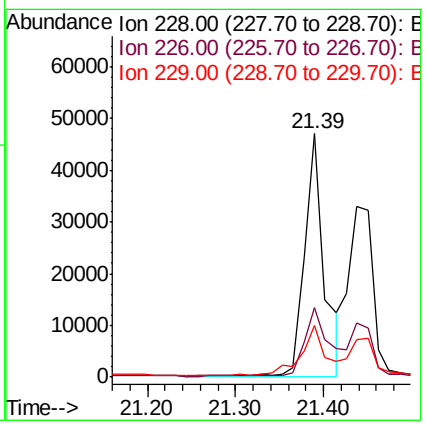


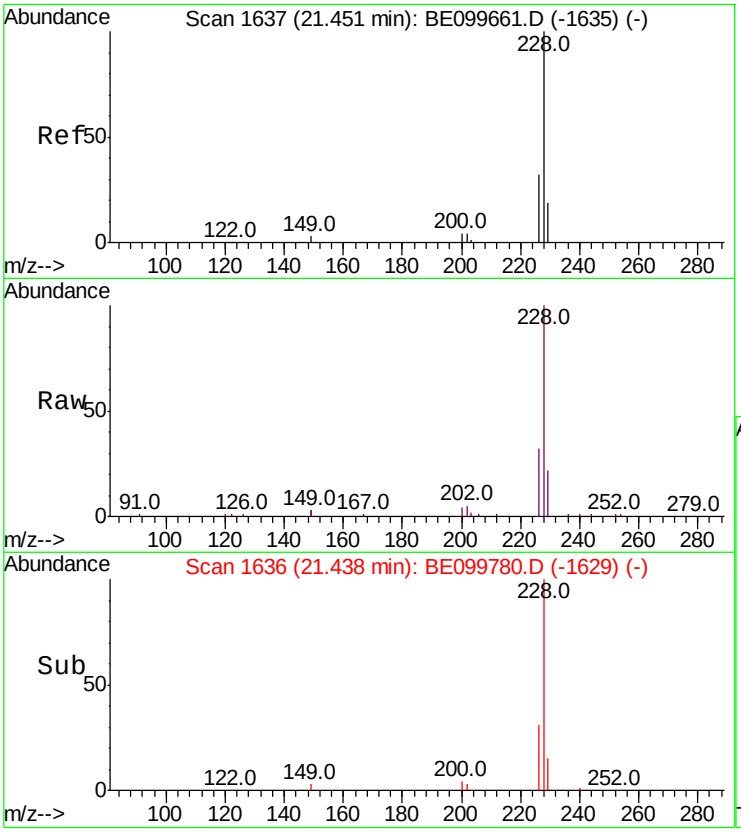


#30
Benzo(a)anthracene
Concen: 1.579 ng
RT: 21.39 min Scan# 1632
Delta R.T. -0.01 min
Lab File: BE099780.D
Acq: 29 May 2019 17:23

Tgt Ion:228 Resp: 72285

Ion	Ratio	Lower	Upper
228	100		
226	28.8	21.3	31.9
229	21.3	16.1	24.1



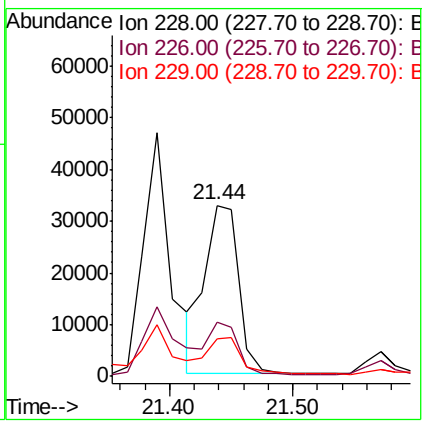


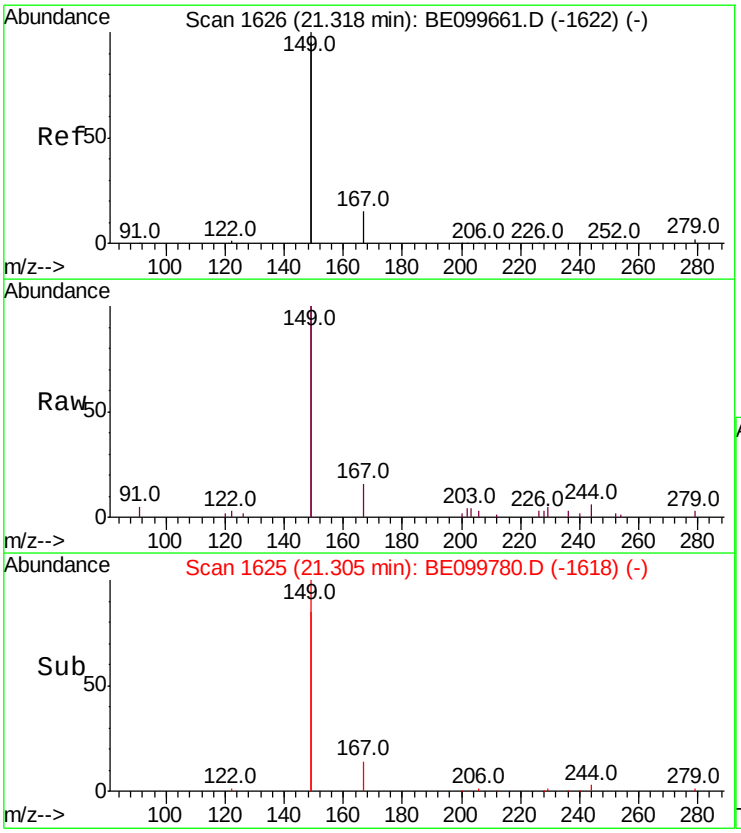
#31
Chrysene
Concen: 1.284 ng
RT: 21.44 min Scan# 1636
Delta R.T. -0.01 min
Lab File: BE099780.D
Acq: 29 May 2019 17:23

Instrument :
BNA_E
ClientSampleId :
FESB-07(5-5.5)

Tgt Ion:228 Resp: 62860

Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.7	37.1
229	21.9	15.8	23.6

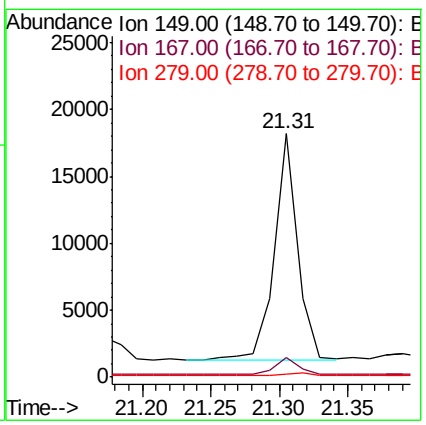


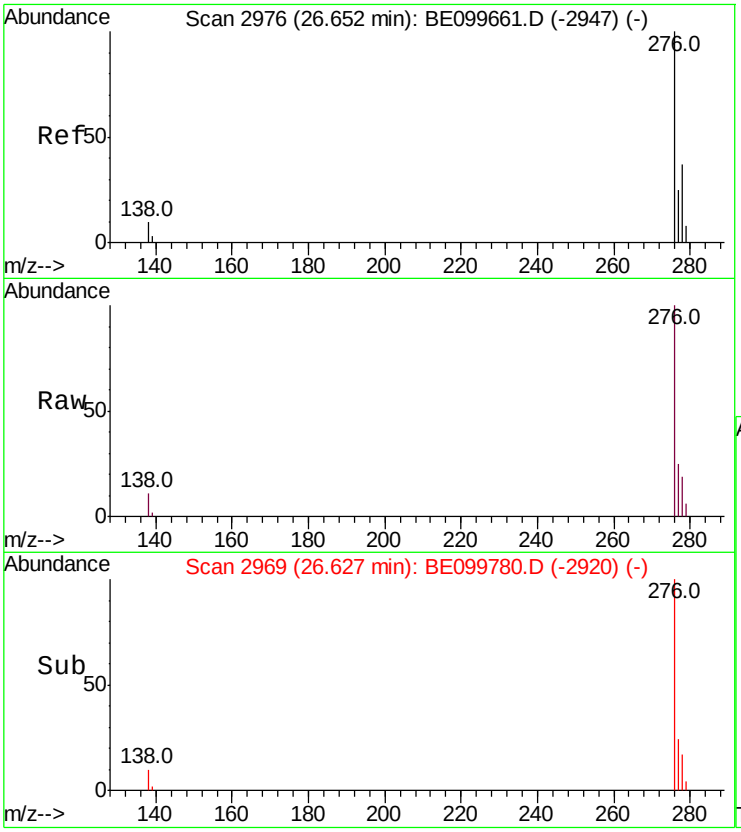


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.380 ng
RT: 21.31 min Scan# 1625
Delta R.T. -0.01 min
Lab File: BE099780.D
Acq: 29 May 2019 17:23

Tgt Ion:149 Resp: 20036

Ion	Ratio	Lower	Upper
149	100		
167	7.4	6.2	9.4
279	1.6	1.2	1.8



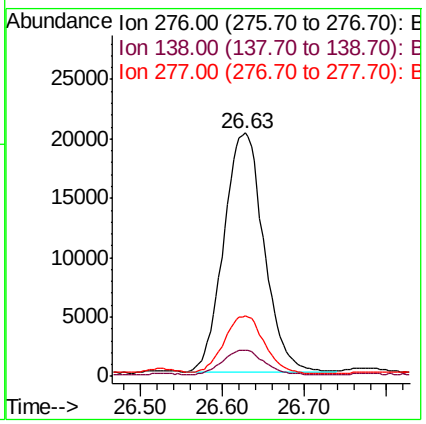


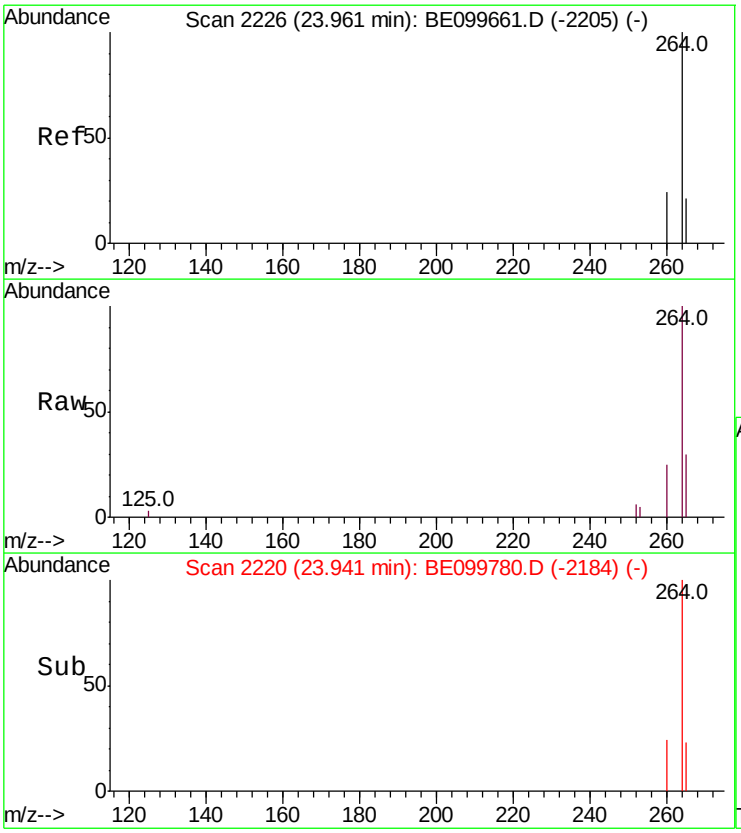
#33
Indeno(1,2,3-cd)pyrene
Concen: 1.156 ng
RT: 26.63 min Scan# 2969
Delta R.T. -0.02 min
Lab File: BE099780.D
Acq: 29 May 2019 17:23

Instrument :
BNA_E
ClientSampleId :
FESB-07(5-5.5)

Tgt Ion:276 Resp: 68339

Ion	Ratio	Lower	Upper
276	100		
138	10.5	9.6	14.4
277	24.5	19.2	28.8

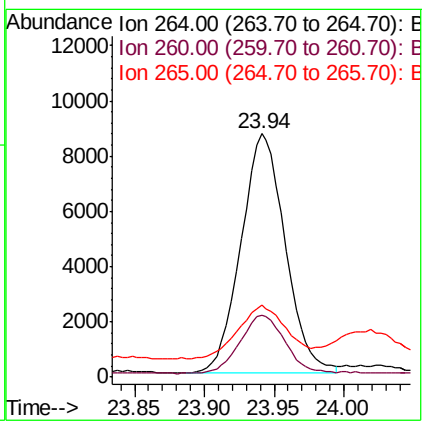


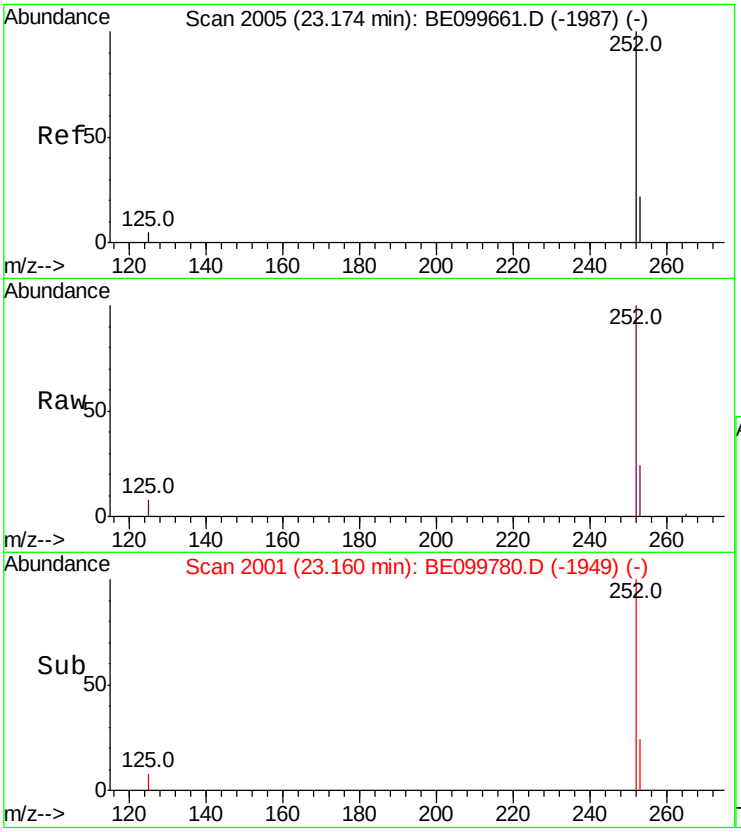


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.94 min Scan# 2220
Delta R.T. -0.02 min
Lab File: BE099780.D
Acq: 29 May 2019 17:23

Tgt Ion:264 Resp: 19020

Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.6	29.4
265	29.6	19.1	28.7#



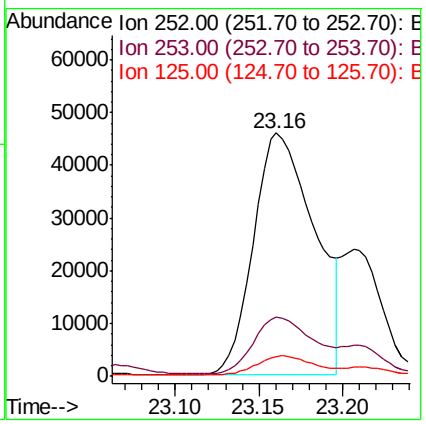


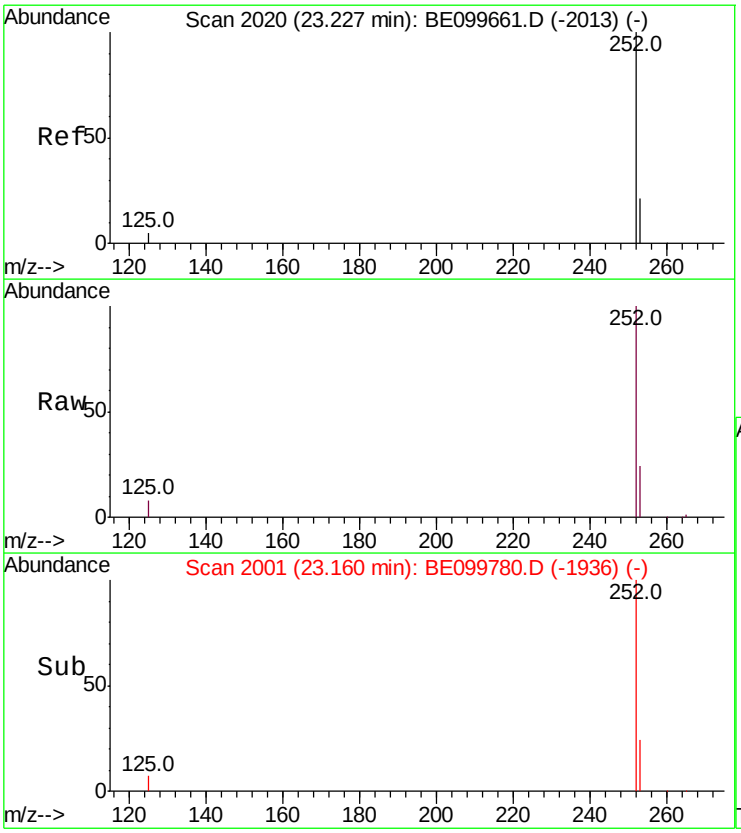
#35
Benzo(b)fluoranthene
Concen: 2.245 ng
RT: 23.16 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BE099780.D
Acq: 29 May 2019 17:23

Instrument :
BNA_E
ClientSampleId :
FESB-07(5-5.5)

Tgt Ion:252 Resp: 117002

Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.2	27.4
125	8.0	4.5	6.7#

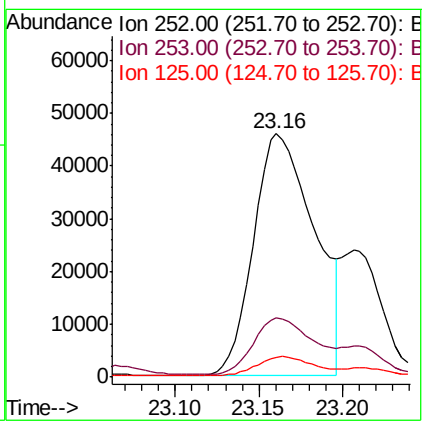


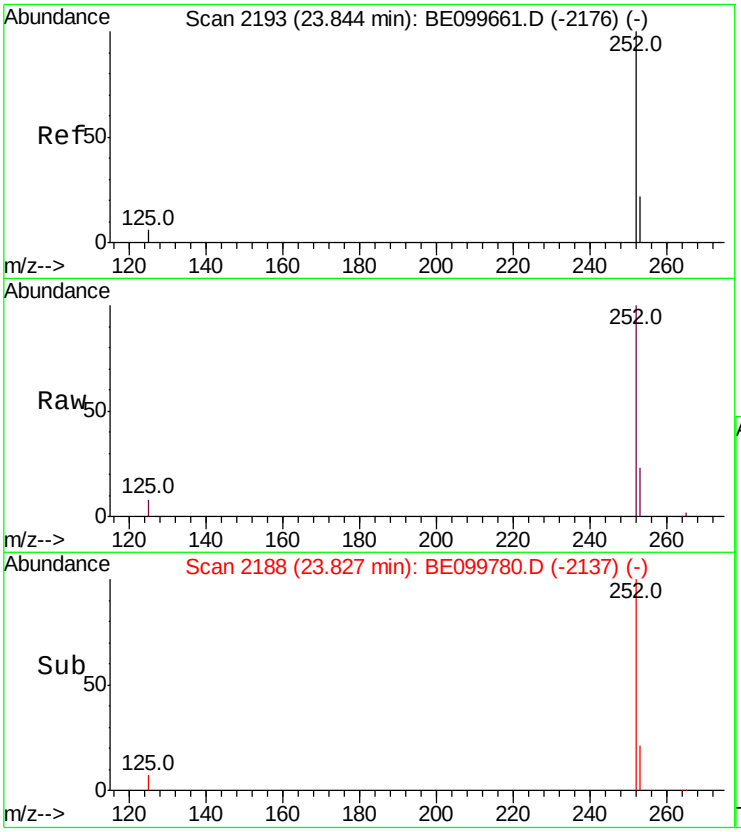


#36
Benzo(k)fluoranthene
Concen: 2.154 ng
RT: 23.16 min Scan# 2001
Delta R.T. -0.07 min
Lab File: BE099780.D
Acq: 29 May 2019 17:23

Tgt Ion:252 Resp: 117002

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.8	26.8
125	8.0	4.6	6.8#



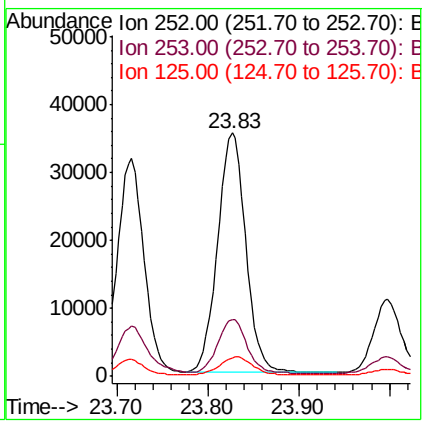


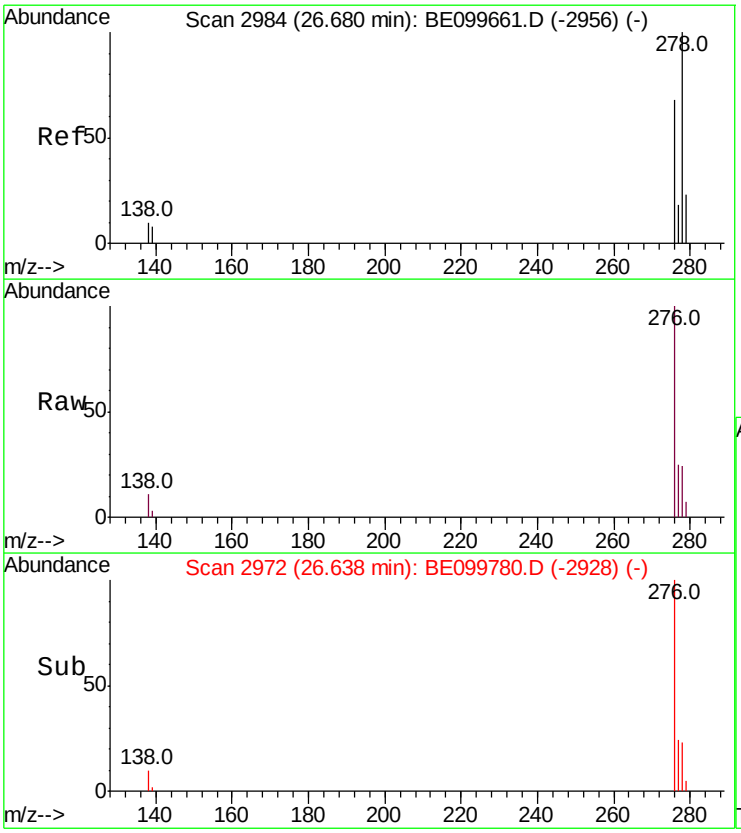
#37
Benzo(a)pyrene
Concen: 1.527 ng
RT: 23.83 min Scan# 2188
Delta R.T. -0.02 min
Lab File: BE099780.D
Acq: 29 May 2019 17:23

Instrument :
BNA_E
ClientSampleId :
FESB-07(5-5.5)

Tgt Ion:252 Resp: 76593

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.9	28.3
125	7.8	5.4	8.0

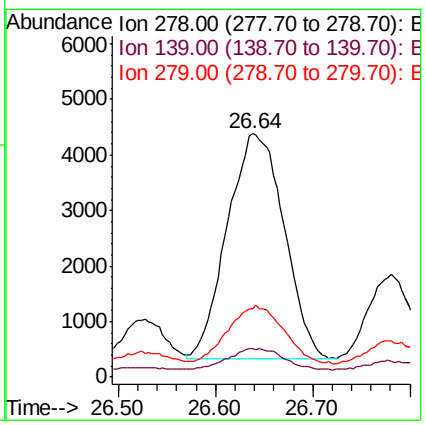


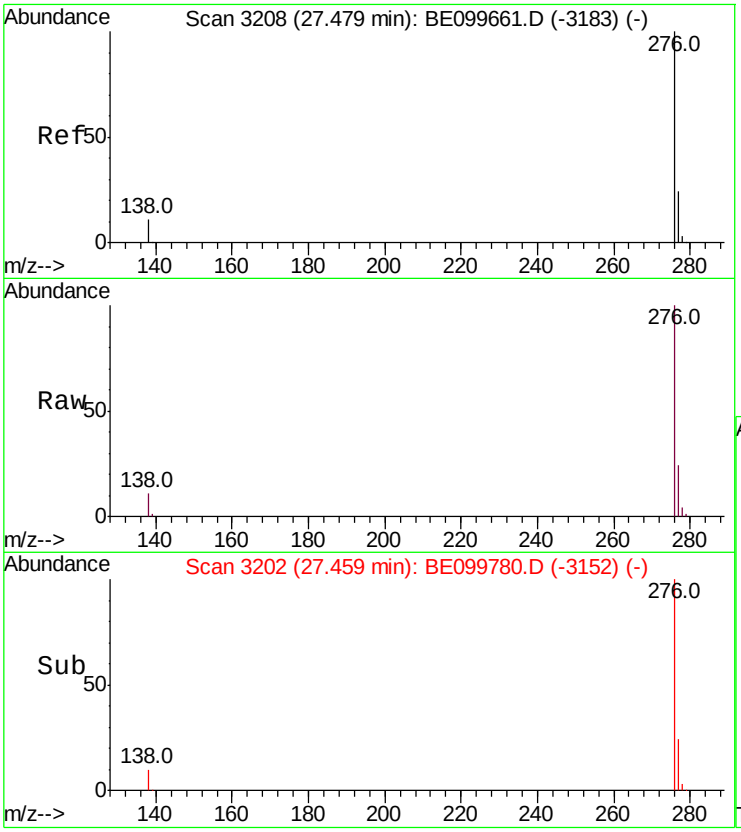


#38
Dibenzo(a,h)anthracene
Concen: 0.313 ng
RT: 26.64 min Scan# 2972
Delta R.T. -0.04 min
Lab File: BE099780.D
Acq: 29 May 2019 17:23

Tgt Ion:278 Resp: 16472

Ion	Ratio	Lower	Upper
278	100		
139	11.7	6.9	10.3#
279	28.1	19.2	28.8





#39
Benzo(g,h,i)perylene
Concen: 1.213 ng
RT: 27.46 min Scan# 3202
Delta R.T. -0.02 min
Lab File: BE099780.D
Acq: 29 May 2019 17:23

Instrument :
BNA_E
ClientSampleId :
FESB-07(5-5.5)

Tgt Ion:276 Resp: 64536

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.8	29.6
138	11.1	9.2	13.8