Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE052119\
Data File : BE099706.D
Acq On : 22 May 2019 1:23
Operator : JU/SJ
Sample : K2906-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : FESB-11(7-7.5)

Quant Time: May 28 02:45:05 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	1431	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	5090	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	3683	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	10843	0.40	ng	0.00
27) Chrysene-d12	21.41	240	14434	0.40	ng	0.00
34) Perylene-d12	23.96	264	17299	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.38	112	1443	0.40	ng	0.00
5) Phenol-d6	6.98	99	2064	0.43	ng	0.00
8) Nitrobenzene-d5	8.98	82	1723	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	3239	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	799	0.42	ng	-0.01
15) 2-Fluorobiphenyl	13.10	172	4964	0.36	ng	0.00
25) Fluoranthene-d10	19.26	212	49092	0.33	ng	0.00
29) Terphenyl-d14	19.86	244	10367	0.40	ng	-0.01
Target Compounds						Qvalue
26) Fluoranthene	19.29	202	1218	0.029	ng	# 92
28) Pyrene	19.66	202	1173	0.032	ng	# 94
30) Benzo(a)anthracene	21.40	228	913	0.022	ng	# 64
32) Bis(2-ethylhexyl)phthalate	21.31	149	17337	0.367	ng	99
35) Benzo(b)fluoranthene	23.17	252	1920	0.041	ng	# 25
37) Benzo(a)pyrene	23.83	252	1155	0.025	ng	# 32
39) Benzo(g,h,i)perylene	27.48	276	1063	0.022	ng	# 64

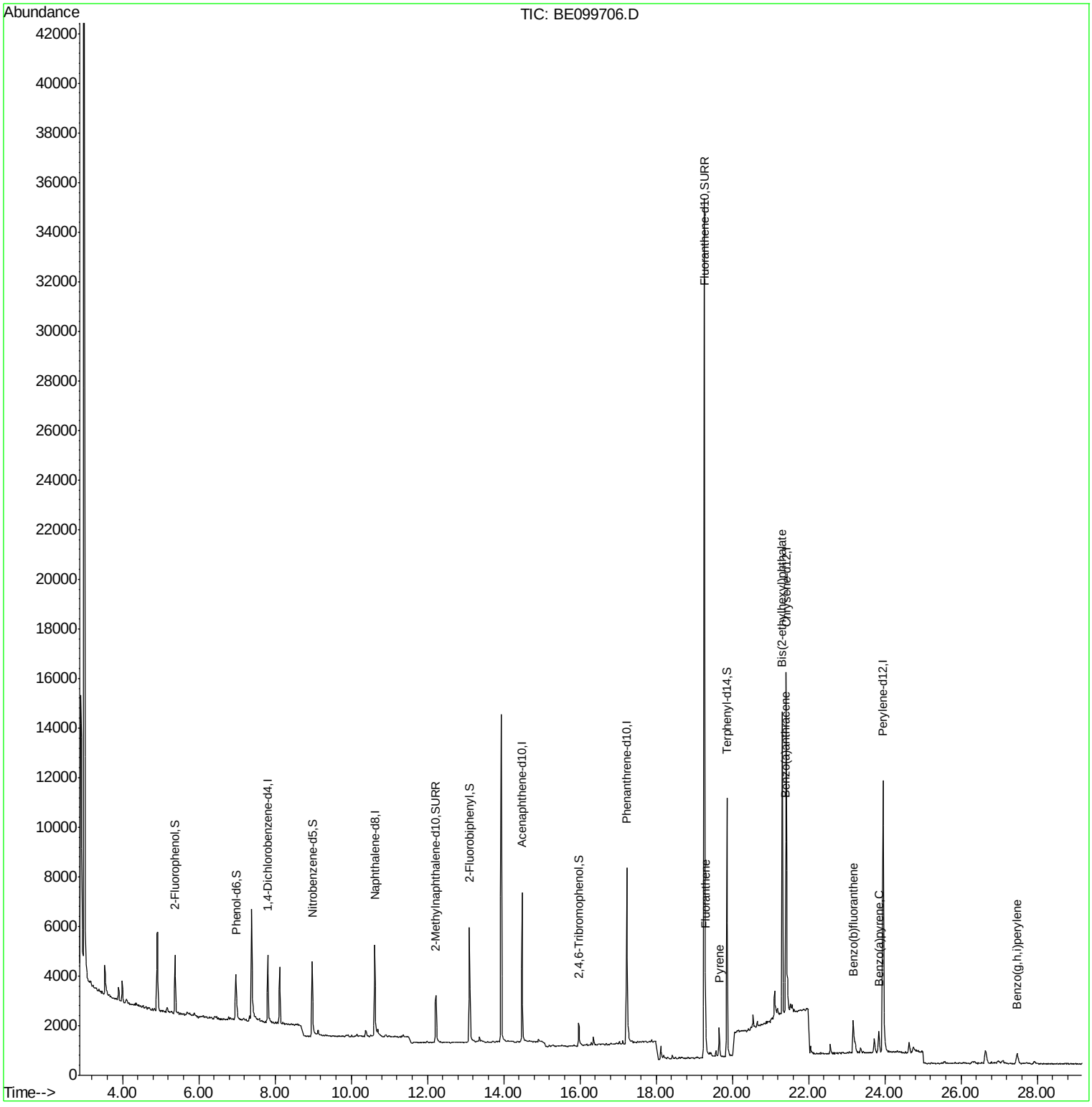
(#) = qualifier out of range (m) = manual integration (+) = signals summed

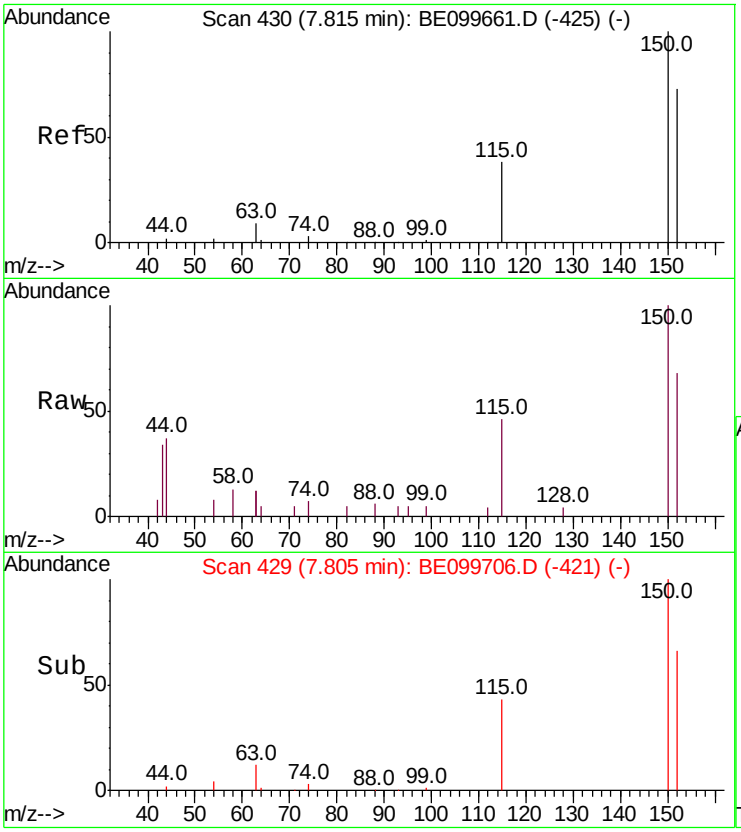
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE052119\
Data File : BE099706.D
Acq On : 22 May 2019 1:23
Operator : JU/SJ
Sample : K2906-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
FESB-11(7-7.5)

Quant Time: May 28 02:45:05 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



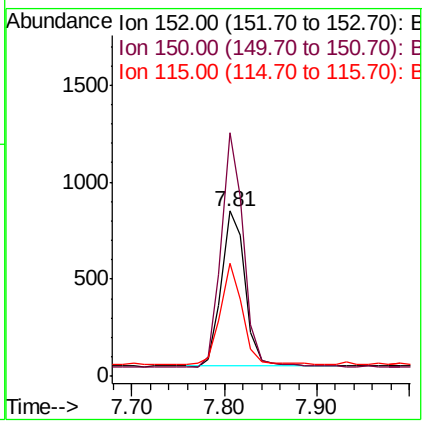


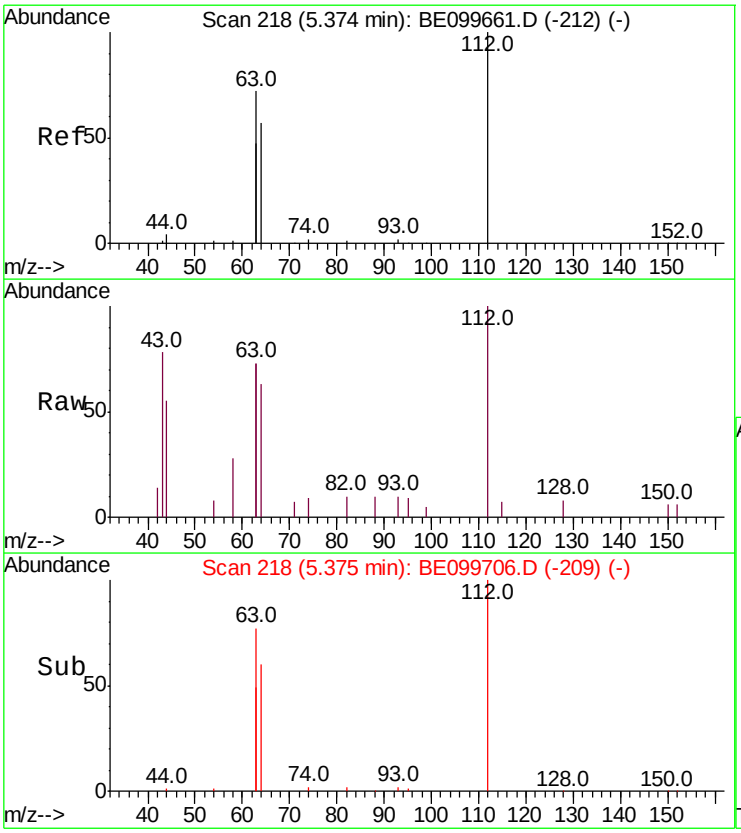
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.81 min Scan# 429
Delta R.T. -0.01 min
Lab File: BE099706.D
Acq: 22 May 2019 1:23

Instrument :
BNA_E
ClientSampleId :
FESB-11(7-7.5)

Tgt Ion:152 Resp: 1431

Ion	Ratio	Lower	Upper
152	100		
150	147.4	109.2	163.8
115	68.2	43.7	65.5#

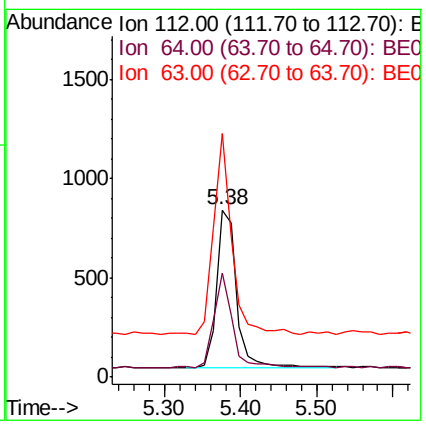


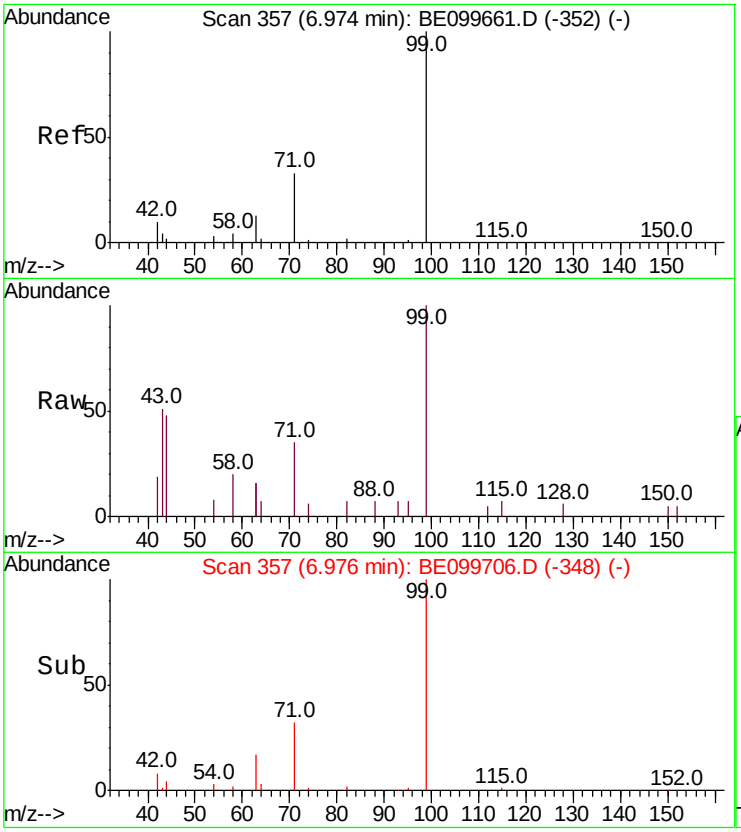


#4
2-Fluorophenol
Concen: 0.399 ng
RT: 5.38 min Scan# 218
Delta R.T. 0.00 min
Lab File: BE099706.D
Acq: 22 May 2019 1:23

Tgt Ion:112 Resp: 1443

Ion	Ratio	Lower	Upper
112	100		
64	57.0	43.4	65.2
63	114.8	96.9	145.3



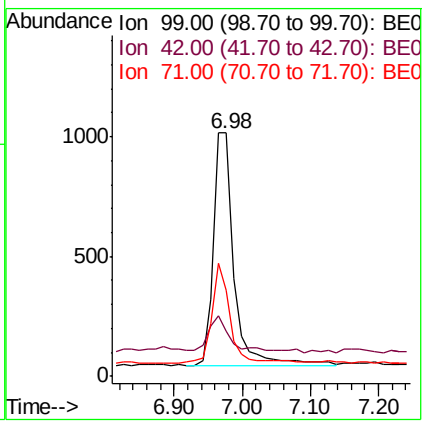


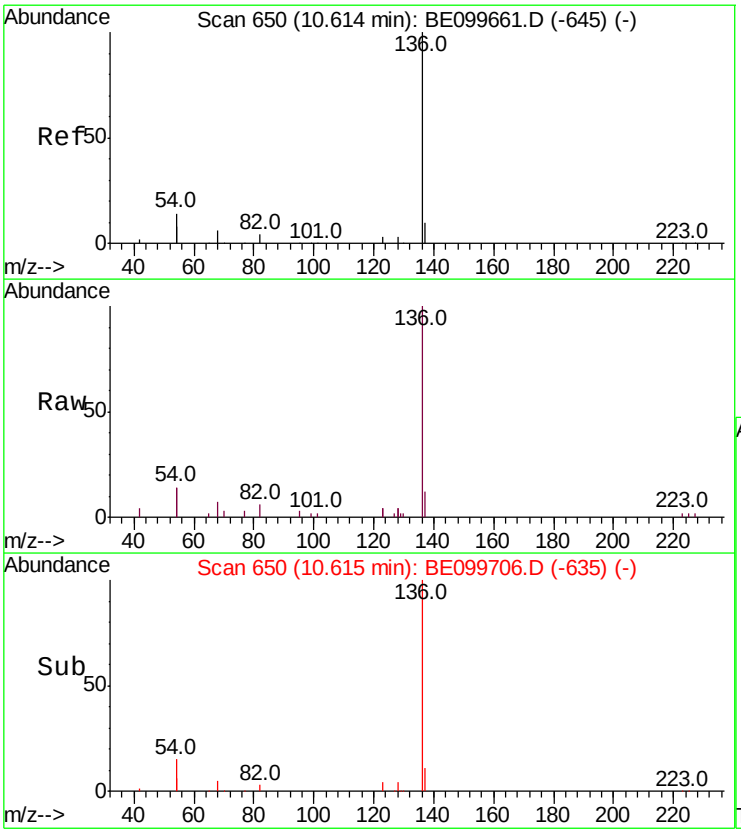
#5
Phenol-d6
Concen: 0.431 ng
RT: 6.98 min Scan# 357
Delta R.T. 0.00 min
Lab File: BE099706.D
Acq: 22 May 2019 1:23

Instrument :
BNA_E
ClientSampleId :
FESB-11(7-7.5)

Tgt Ion: 99 Resp: 2064

Ion	Ratio	Lower	Upper
99	100		
42	18.1	12.2	18.2
71	36.7	28.9	43.3

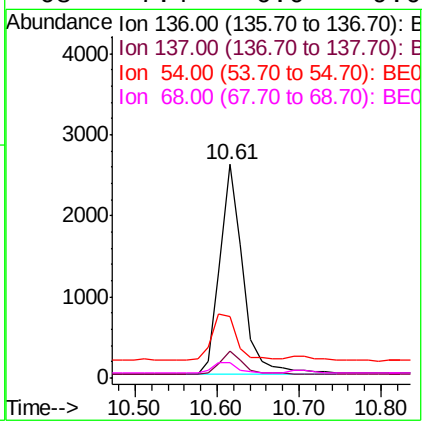


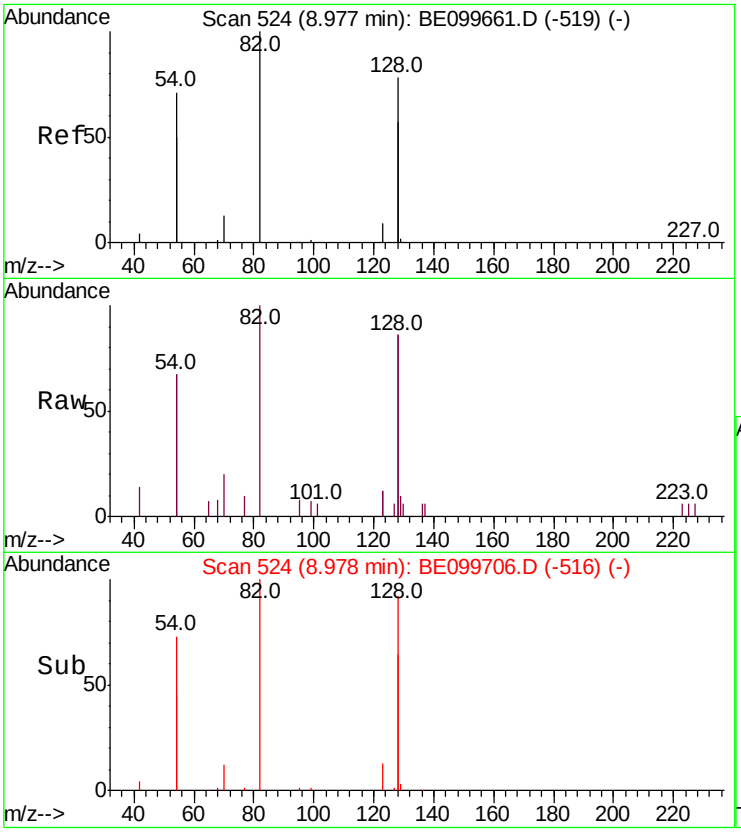


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.61 min Scan# 650
Delta R.T. 0.00 min
Lab File: BE099706.D
Acq: 22 May 2019 1:23

Tgt Ion:136 Resp: 5090

Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.0	13.6
54	28.8	22.3	33.5
68	7.4	6.0	9.0



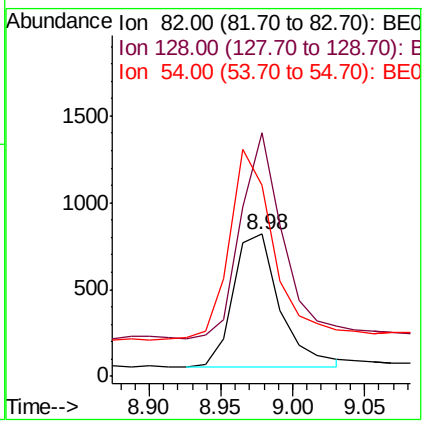


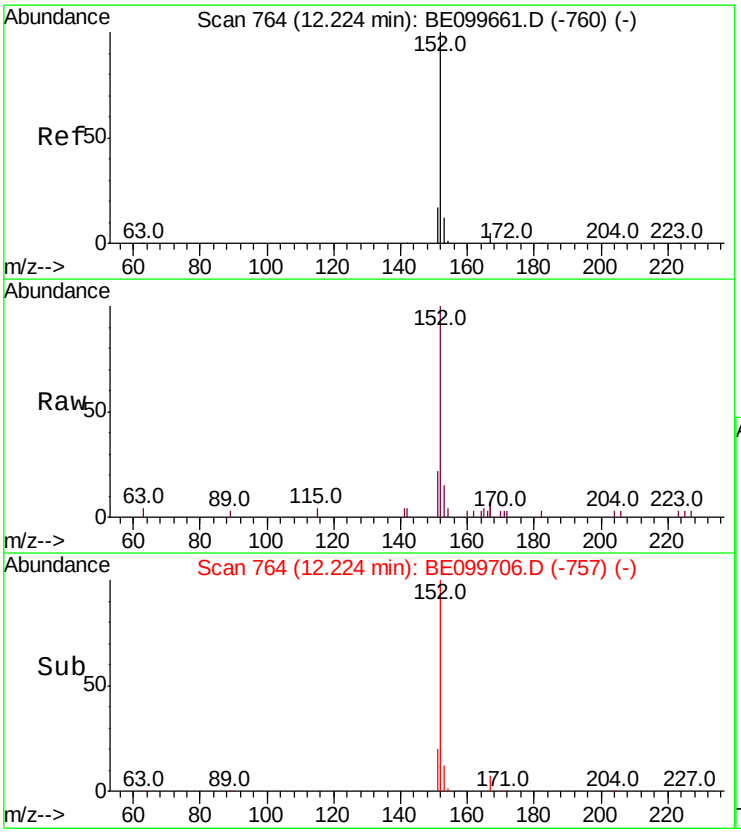
#8
Nitrobenzene-d5
Concen: 0.391 ng
RT: 8.98 min Scan# 524
Delta R.T. 0.00 min
Lab File: BE099706.D
Acq: 22 May 2019 1:23

Instrument :
BNA_E
ClientSampleId :
FESB-11(7-7.5)

Tgt Ion: 82 Resp: 1723

Ion	Ratio	Lower	Upper
82	100		
128	171.6	117.7	176.5
54	134.9	106.6	160.0

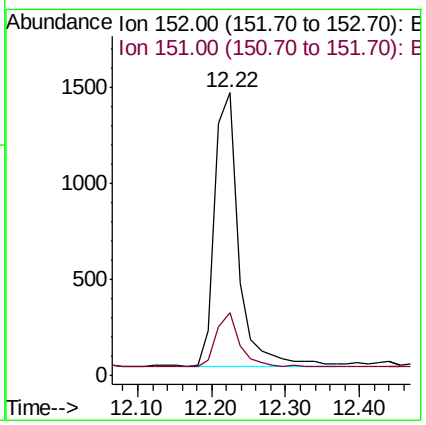


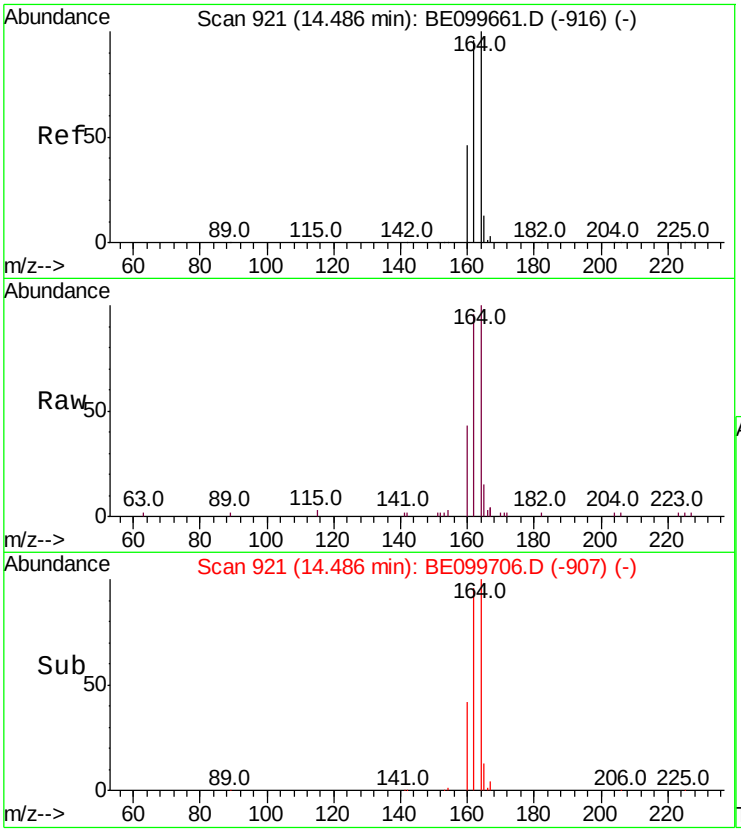


#11
2-Methylnaphthalene-d10
Concen: 0.369 ng
RT: 12.22 min Scan# 764
Delta R.T. 0.00 min
Lab File: BE099706.D
Acq: 22 May 2019 1:23

Tgt Ion:152 Resp: 3239

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.0	22.4



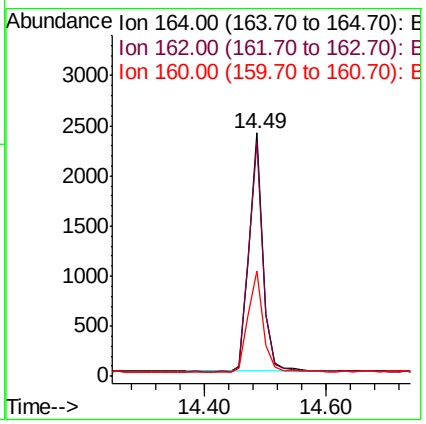


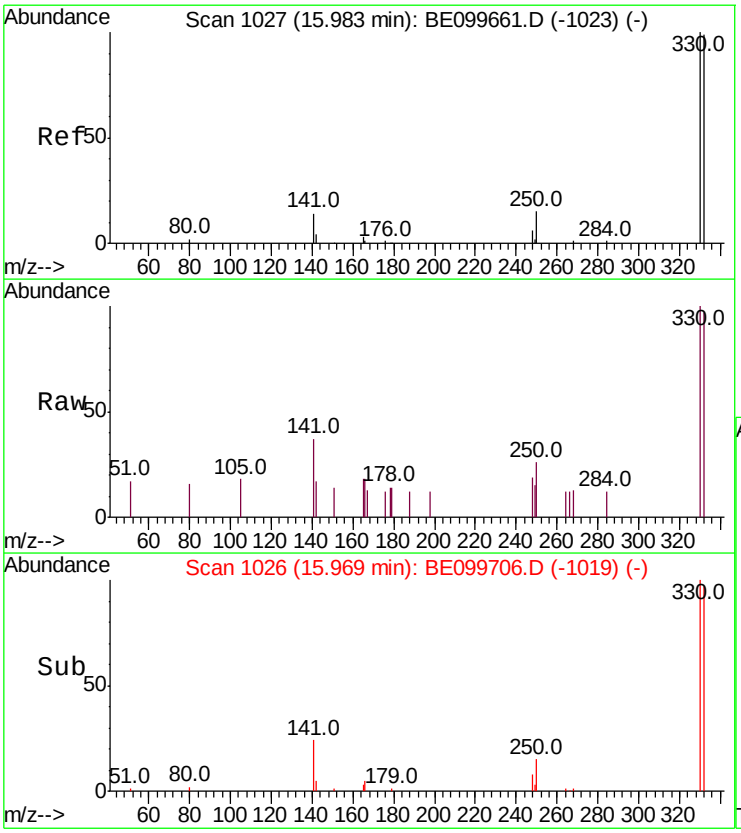
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. 0.00 min
Lab File: BE099706.D
Acq: 22 May 2019 1:23

Instrument :
BNA_E
ClientSampleId :
FESB-11(7-7.5)

Tgt Ion:164 Resp: 3683

Ion	Ratio	Lower	Upper
164	100		
162	96.3	76.5	114.7
160	43.1	37.4	56.2

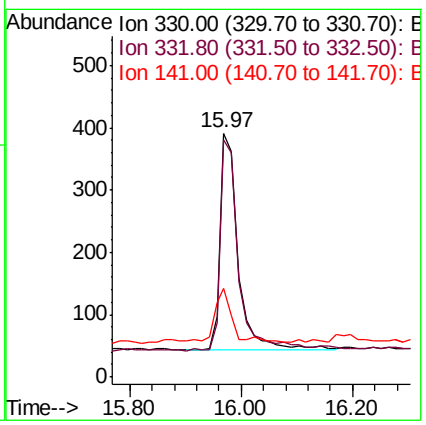


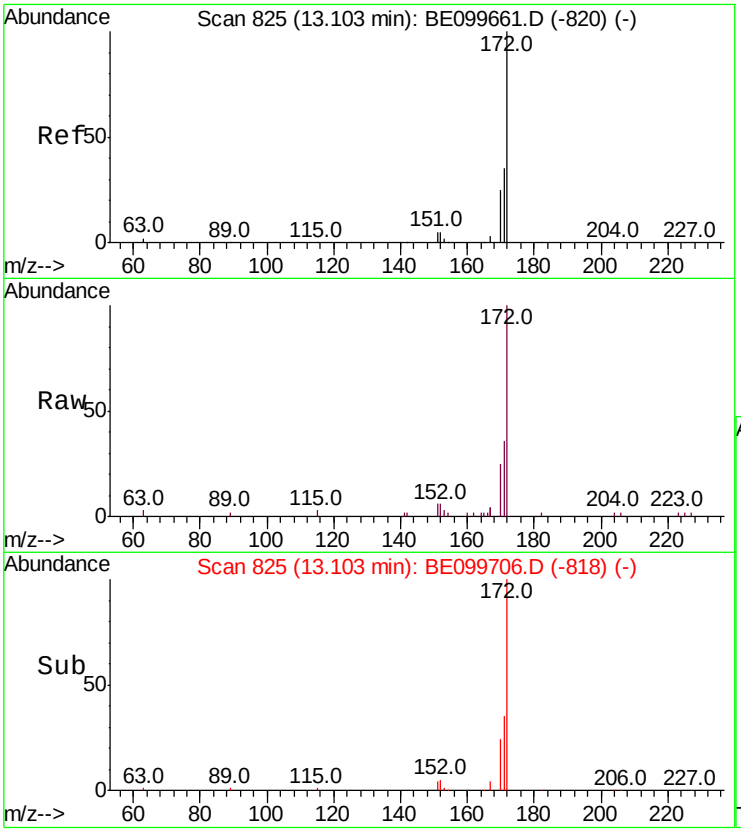


#14
2,4,6-Tribromophenol
Concen: 0.415 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BE099706.D
Acq: 22 May 2019 1:23

Tgt Ion:330 Resp: 799

Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.3	115.9
141	20.9	18.9	28.3



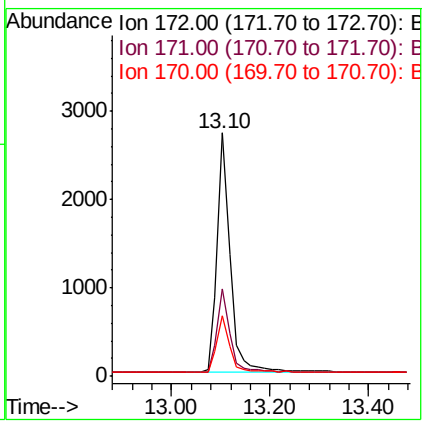


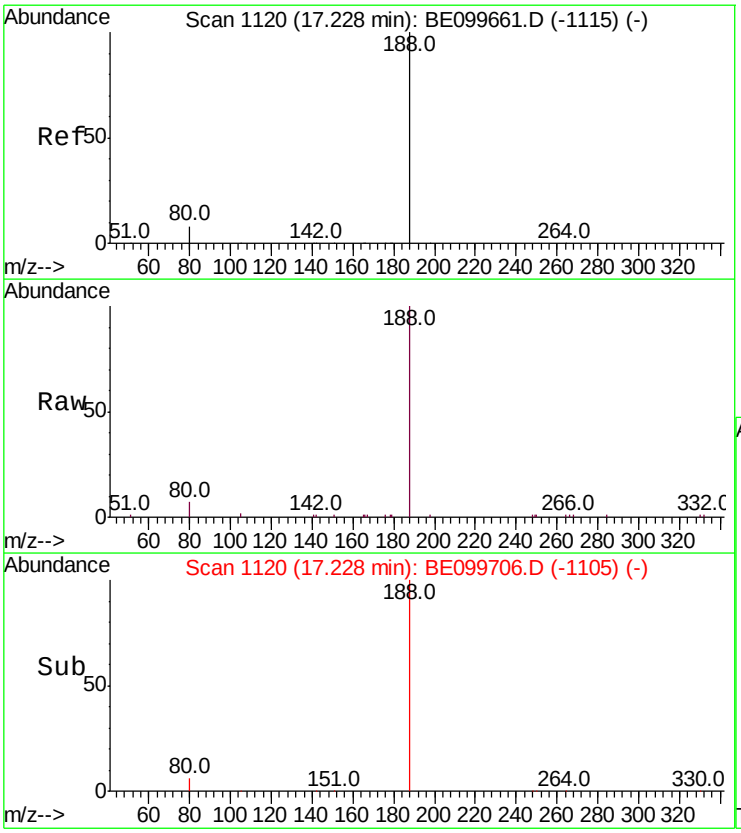
#15
2-Fluorobiphenyl
Concen: 0.355 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.00 min
Lab File: BE099706.D
Acq: 22 May 2019 1:23

Instrument :
BNA_E
ClientSampleId :
FESB-11(7-7.5)

Tgt Ion:172 Resp: 4964

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.7	43.1
170	24.9	20.9	31.3

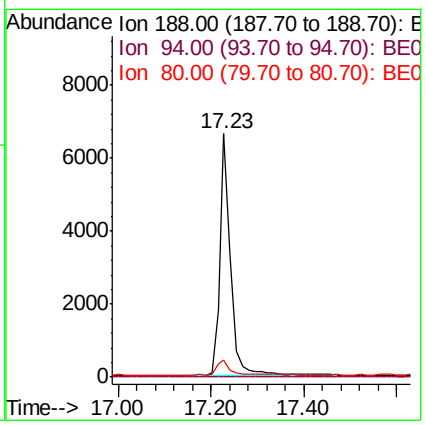


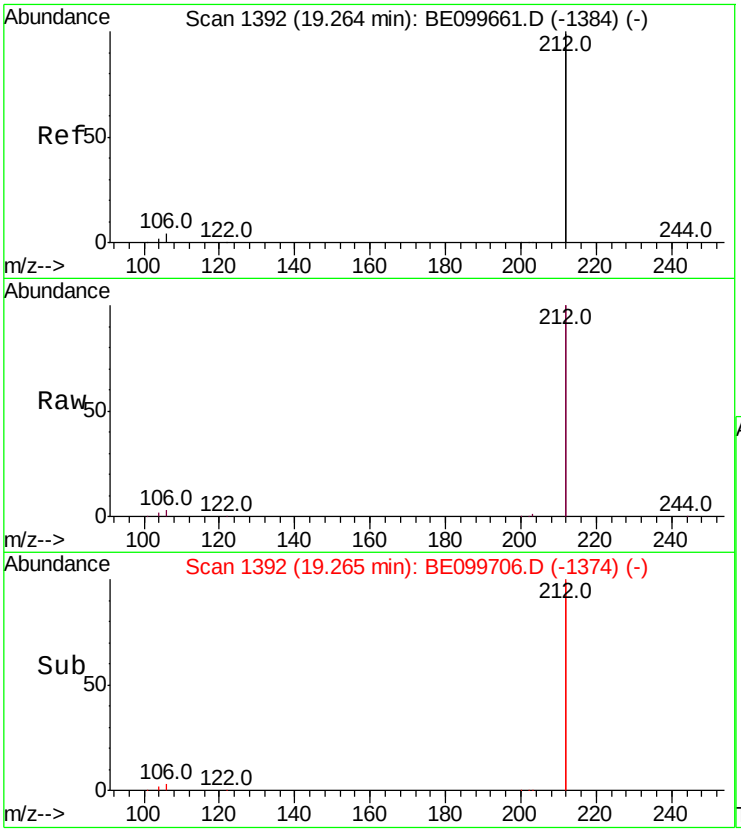


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE099706.D
Acq: 22 May 2019 1:23

Tgt Ion:188 Resp: 10843

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.3	6.7	10.1



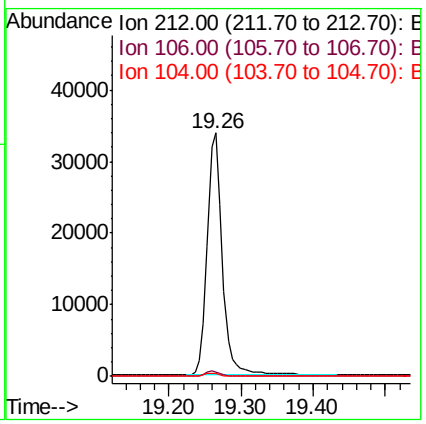


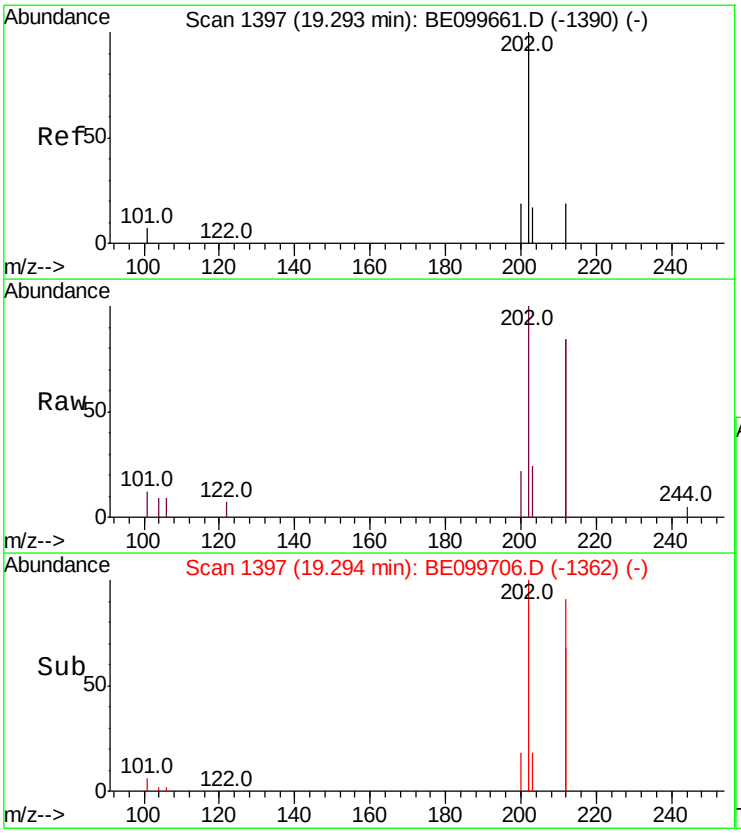
#25
Fluoranthene-d10
Concen: 0.331 ng
RT: 19.26 min Scan# 1392
Delta R.T. 0.00 min
Lab File: BE099706.D
Acq: 22 May 2019 1:23

Instrument :
BNA_E
ClientSampleId :
FESB-11(7-7.5)

Tgt Ion:212 Resp: 49092

Ion	Ratio	Lower	Upper
212	100		
106	1.8	1.4	2.2
104	1.0	0.8	1.2

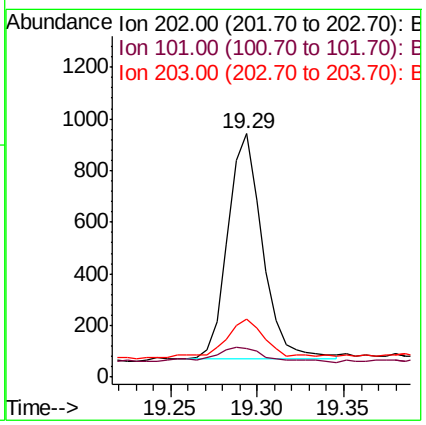


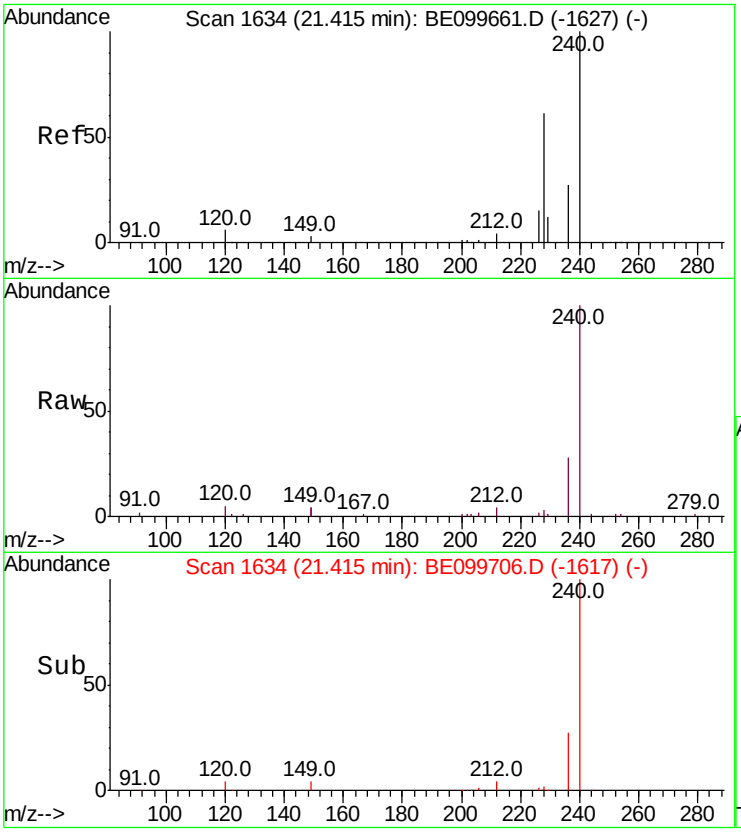


#26
Fluoranthene
Concen: 0.029 ng
RT: 19.29 min Scan# 1397
Delta R.T. 0.00 min
Lab File: BE099706.D
Acq: 22 May 2019 1:23

Tgt Ion:202 Resp: 1218

Ion	Ratio	Lower	Upper
202	100		
101	10.5	5.2	7.8#
203	20.4	13.8	20.6



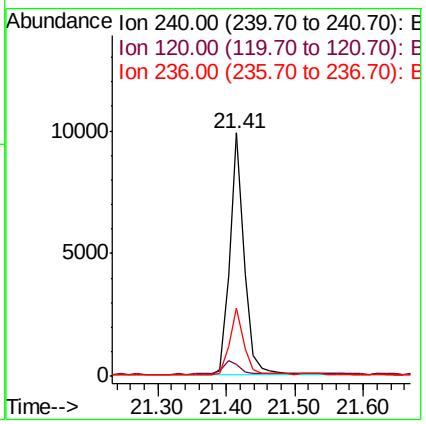


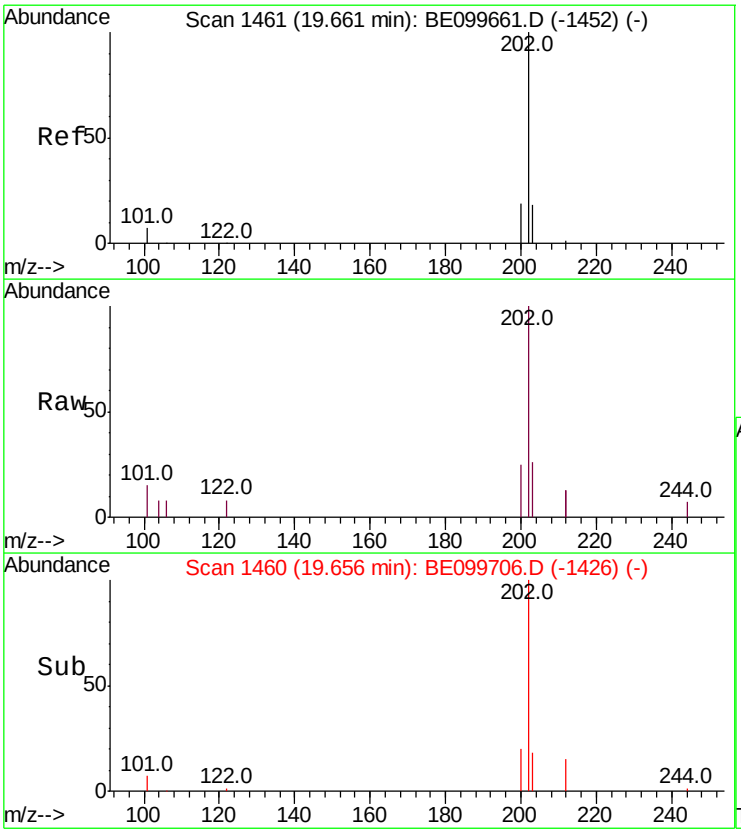
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.41 min Scan# 1634
Delta R.T. 0.00 min
Lab File: BE099706.D
Acq: 22 May 2019 1:23

Instrument :
BNA_E
ClientSampleId :
FESB-11(7-7.5)

Tgt Ion:240 Resp: 14434

Ion	Ratio	Lower	Upper
240	100		
120	4.7	5.4	8.0#
236	27.9	21.7	32.5

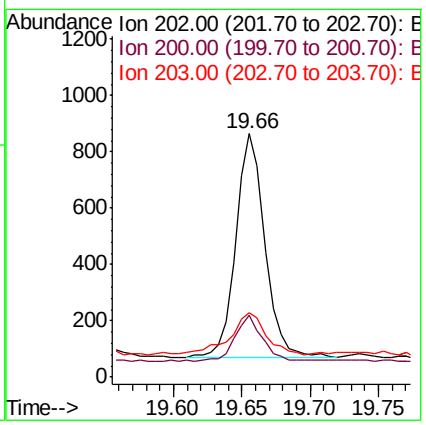


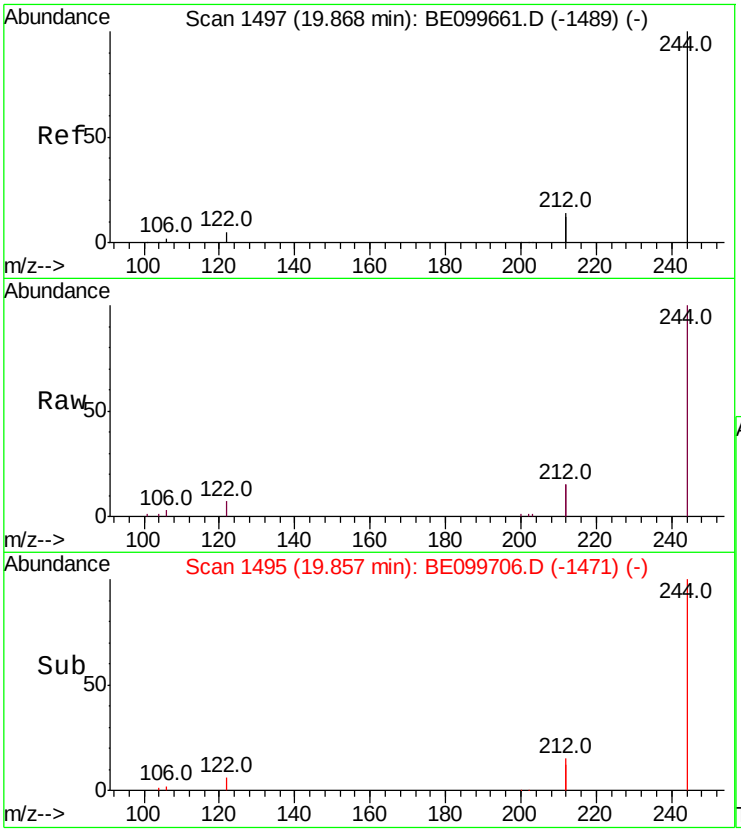


#28
Pyrene
Concen: 0.032 ng
RT: 19.66 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BE099706.D
Acq: 22 May 2019 1:23

Tgt Ion:202 Resp: 1173

Ion	Ratio	Lower	Upper
202	100		
200	20.0	15.4	23.2
203	22.3	13.8	20.8#



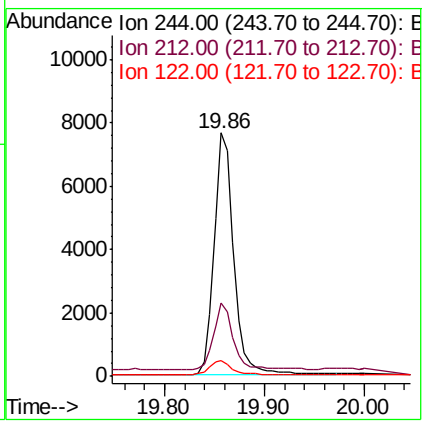


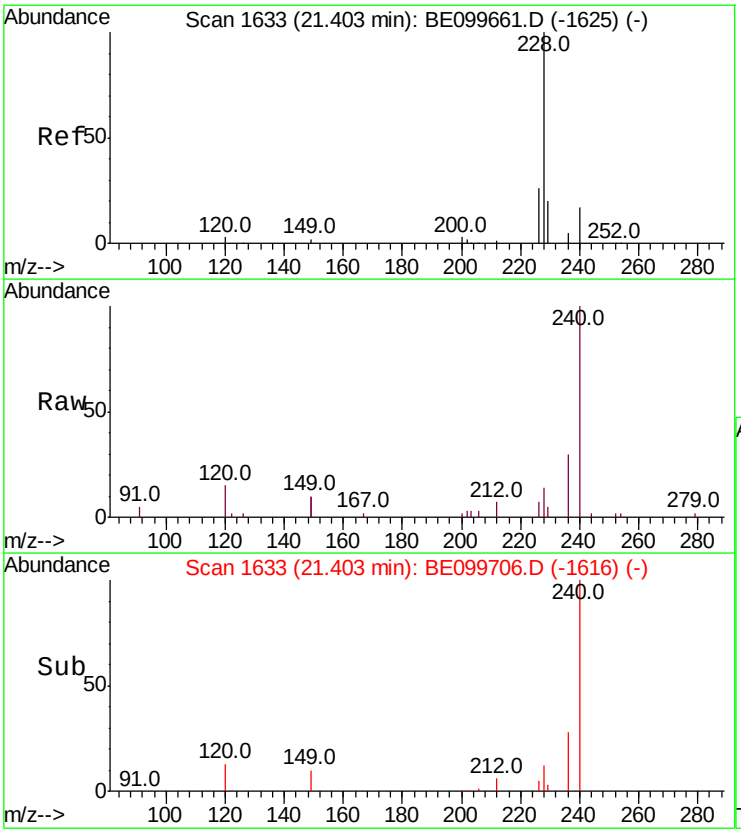
#29
Terphenyl-d14
Concen: 0.402 ng
RT: 19.86 min Scan# 1495
Delta R.T. -0.01 min
Lab File: BE099706.D
Acq: 22 May 2019 1:23

Instrument :
BNA_E
ClientSampleId :
FESB-11(7-7.5)

Tgt Ion:244 Resp: 10367

Ion	Ratio	Lower	Upper
244	100		
212	30.4	22.5	33.7
122	6.6	4.3	6.5#

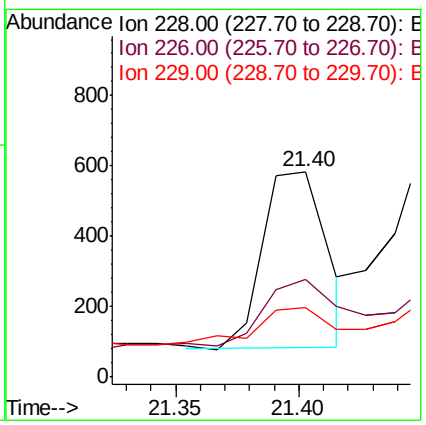


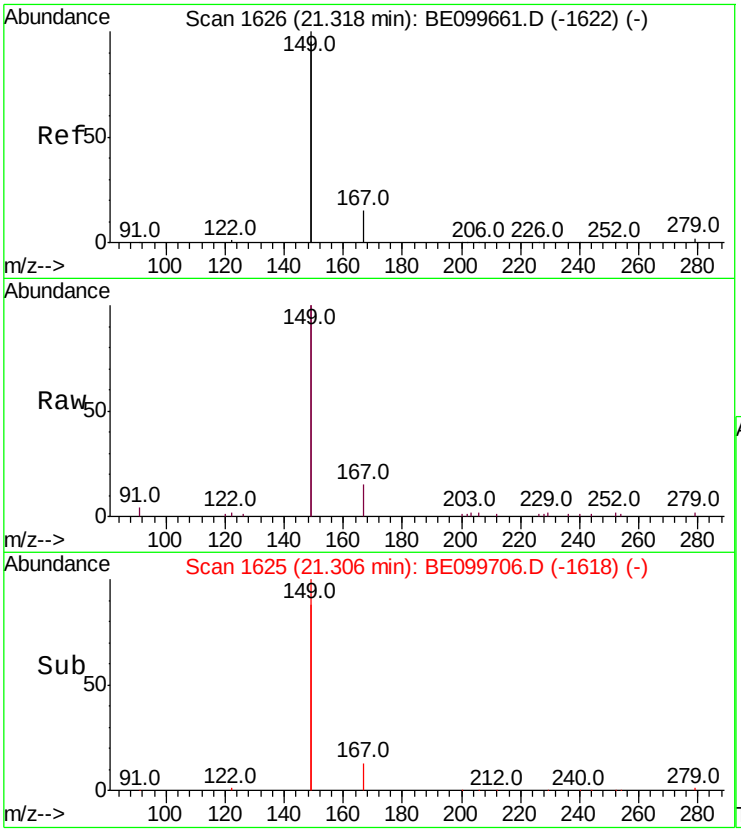


#30
Benzo(a)anthracene
Concen: 0.022 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BE099706.D
Acq: 22 May 2019 1:23

Tgt Ion:228 Resp: 913

Ion	Ratio	Lower	Upper
228	100		
226	47.4	21.3	31.9#
229	33.8	16.1	24.1#



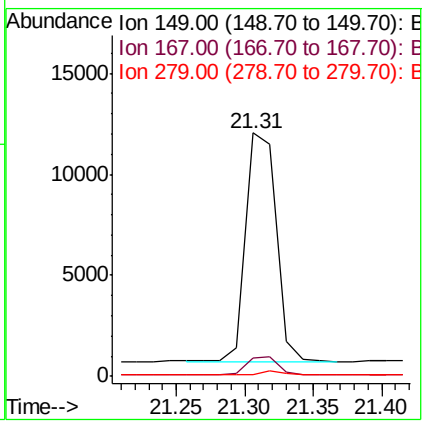


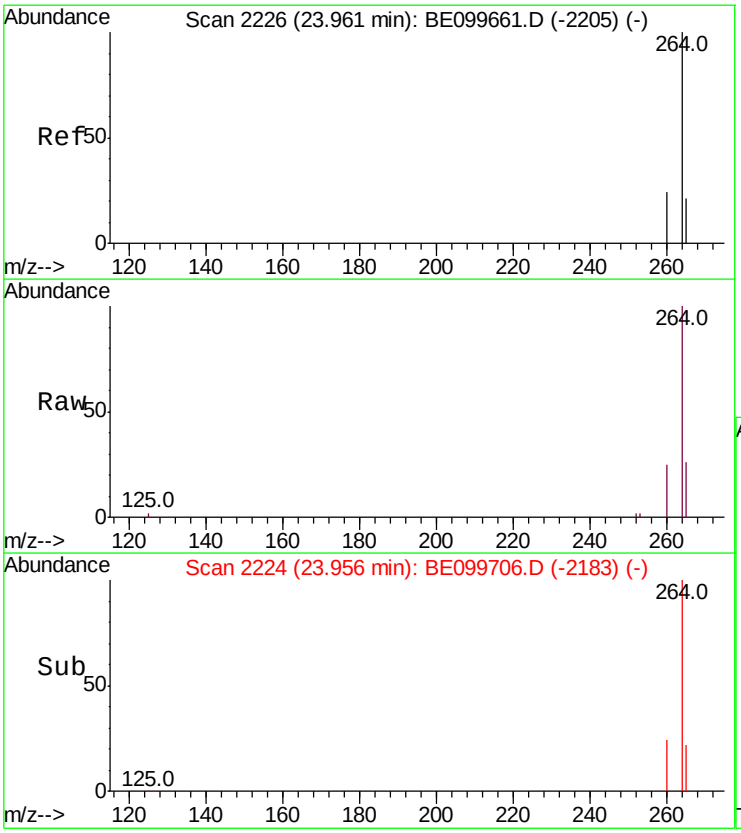
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.367 ng
RT: 21.31 min Scan# 1625
Delta R.T. -0.01 min
Lab File: BE099706.D
Acq: 22 May 2019 1:23

Instrument :
BNA_E
ClientSampleId :
FESB-11(7-7.5)

Tgt Ion:149 Resp: 17337

Ion	Ratio	Lower	Upper
149	100		
167	7.6	6.2	9.4
279	1.6	1.2	1.8

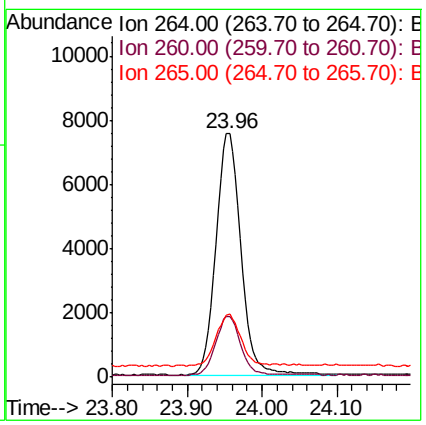


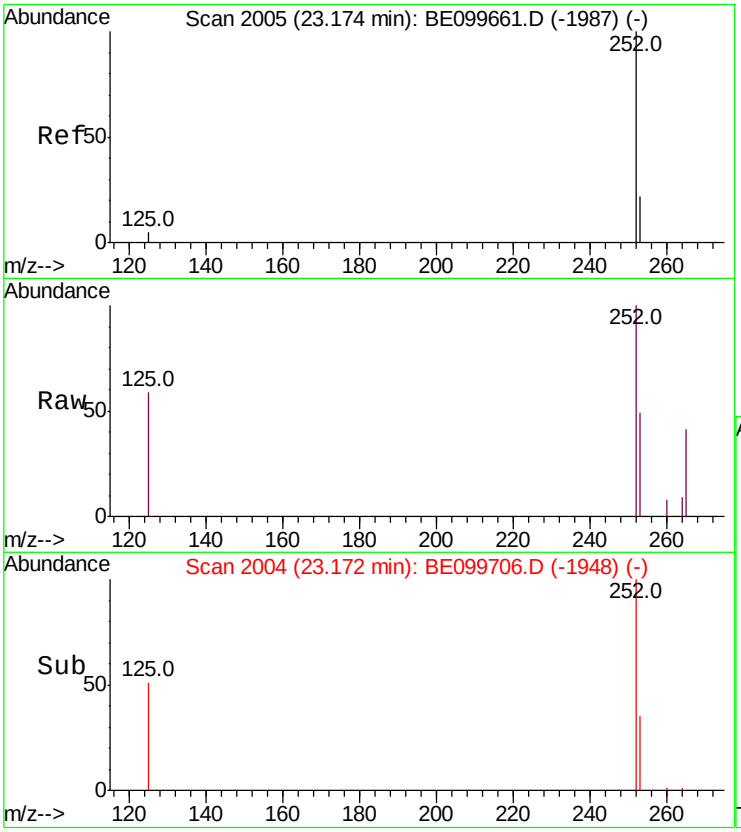


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.96 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BE099706.D
Acq: 22 May 2019 1:23

Tgt Ion:264 Resp: 17299

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.6	29.4
265	26.0	19.1	28.7



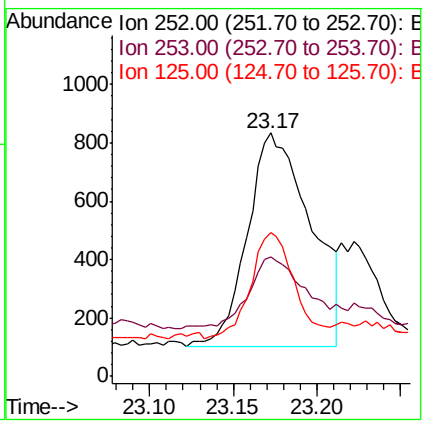


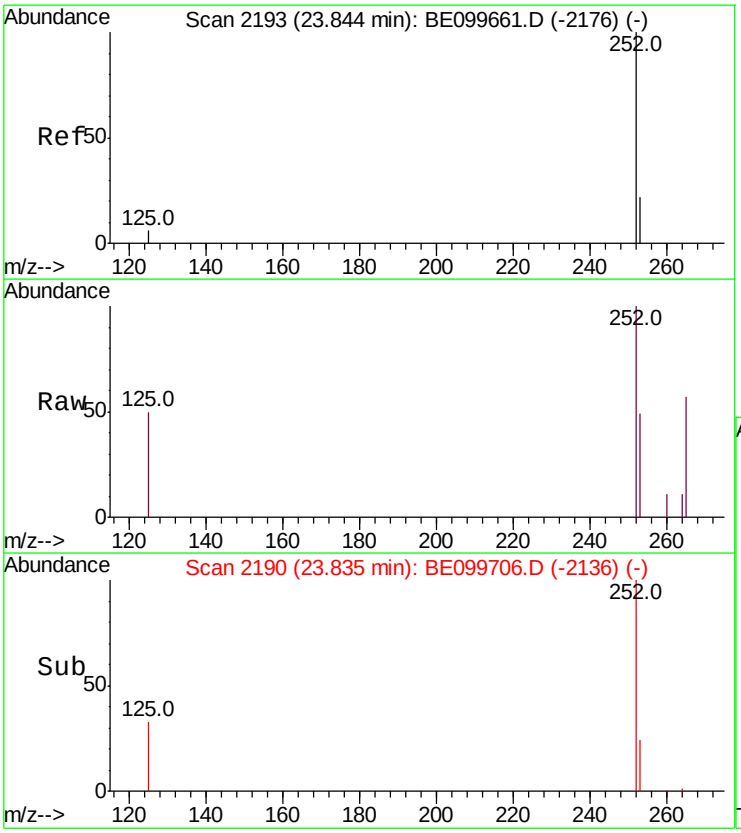
#35
Benzo(b)fluoranthene
Concen: 0.041 ng
RT: 23.17 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BE099706.D
Acq: 22 May 2019 1:23

Instrument :
BNA_E
ClientSampleId :
FESB-11(7-7.5)

Tgt Ion:252 Resp: 1920

Ion	Ratio	Lower	Upper
252	100		
253	48.9	18.2	27.4#
125	59.0	4.5	6.7#

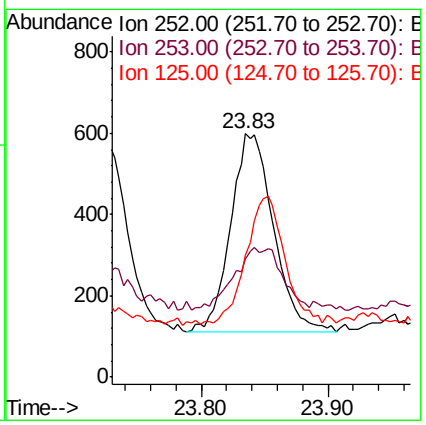


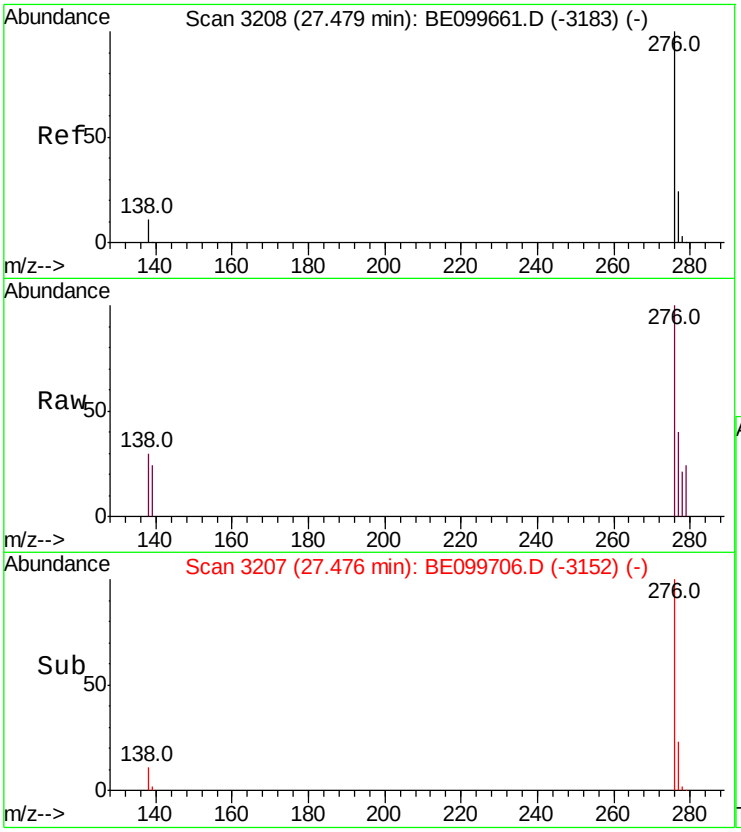


#37
Benzo(a)pyrene
Concen: 0.025 ng
RT: 23.83 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BE099706.D
Acq: 22 May 2019 1:23

Tgt Ion:252 Resp: 1155

Ion	Ratio	Lower	Upper
252	100		
253	48.7	18.9	28.3#
125	49.9	5.4	8.0#





#39
Benzo(g,h,i)perylene
Concen: 0.022 ng
RT: 27.48 min Scan# 3207
Delta R.T. -0.00 min
Lab File: BE099706.D
Acq: 22 May 2019 1:23

Instrument :
BNA_E
ClientSampleId :
FESB-11(7-7.5)

Tgt Ion:276 Resp: 1063

Ion	Ratio	Lower	Upper
276	100		
277	39.6	19.8	29.6#
138	29.9	9.2	13.8#