Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032219\
Data File : BE099091.D
Acq On : 22 Mar 2019 22:02
Operator : JU/SJ
Sample : K1948-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : INV-025-SW04-031319

Quant Time: Mar 23 01:15:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE032219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 23 00:46:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	3319	0.40	ng		0.00
7) Naphthalene-d8	10.64	136	12671	0.40	ng		0.00
13) Acenaphthene-d10	14.48	164	8212	0.40	ng		0.00
19) Phenanthrene-d10	17.21	188	22928	0.40	ng		0.00
27) Chrysene-d12	21.39	240	34411	0.40	ng		0.00
34) Perylene-d12	23.90	264	39038	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.41	112	4272	0.43	ng		0.00
5) Phenol-d6	7.00	99	6137	0.43	ng		0.00
8) Nitrobenzene-d5	9.16	82	315	0.06	ng		0.17
11) 2-Methylnaphthalene-d10	12.22	152	8638	0.38	ng		-0.02
14) 2,4,6-Tribromophenol	15.96	330	1343	0.56	ng		0.00
15) 2-Fluorobiphenyl	13.12	172	11897	0.36	ng		0.00
25) Fluoranthene-d10	19.24	212	111209	0.36	ng		0.00
29) Terphenyl-d14	19.84	244	18611	0.26	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.68	128	3221	0.022	ng	#	94
16) Acenaphthylene	14.21	152	2907	0.066	ng		97
17) Acenaphthene	14.54	154	1541	0.059	ng		97
18) Fluorene	15.51	166	3210	0.085	ng		94
21) Hexachlorobenzene	16.52	284	399	0.034	ng	#	89
22) Pentachlorophenol	16.85	266	22	0.256	ng	#	86
23) Phenanthrene	17.25	178	63171	0.928	ng		99
24) Anthracene	17.35	178	12438	0.193	ng	#	95
26) Fluoranthene	19.27	202	124437	1.299	ng		98
28) Pyrene	19.63	202	111141	0.952	ng		95
30) Benzo(a)anthracene	21.37	228	76663	0.632	ng		100
31) Chrysene	21.43	228	72356	0.597	ng		98
32) Bis(2-ethylhexyl)phthalate	21.30	149	38045	0.242	ng		98
33) Indeno(1,2,3-cd)pyrene	26.56	276	37487	0.288	ng		99
35) Benzo(b)fluoranthene	23.13	252	89656	0.664	ng		99
36) Benzo(k)fluoranthene	23.13	252	89656	0.678	ng		98
37) Benzo(a)pyrene	23.79	252	62270	0.499	ng		97
38) Dibenzo(a,h)anthracene	26.58	278	10400	0.086	ng	#	91
39) Benzo(g,h,i)perylene	27.38	276	34259	0.275	ng		98

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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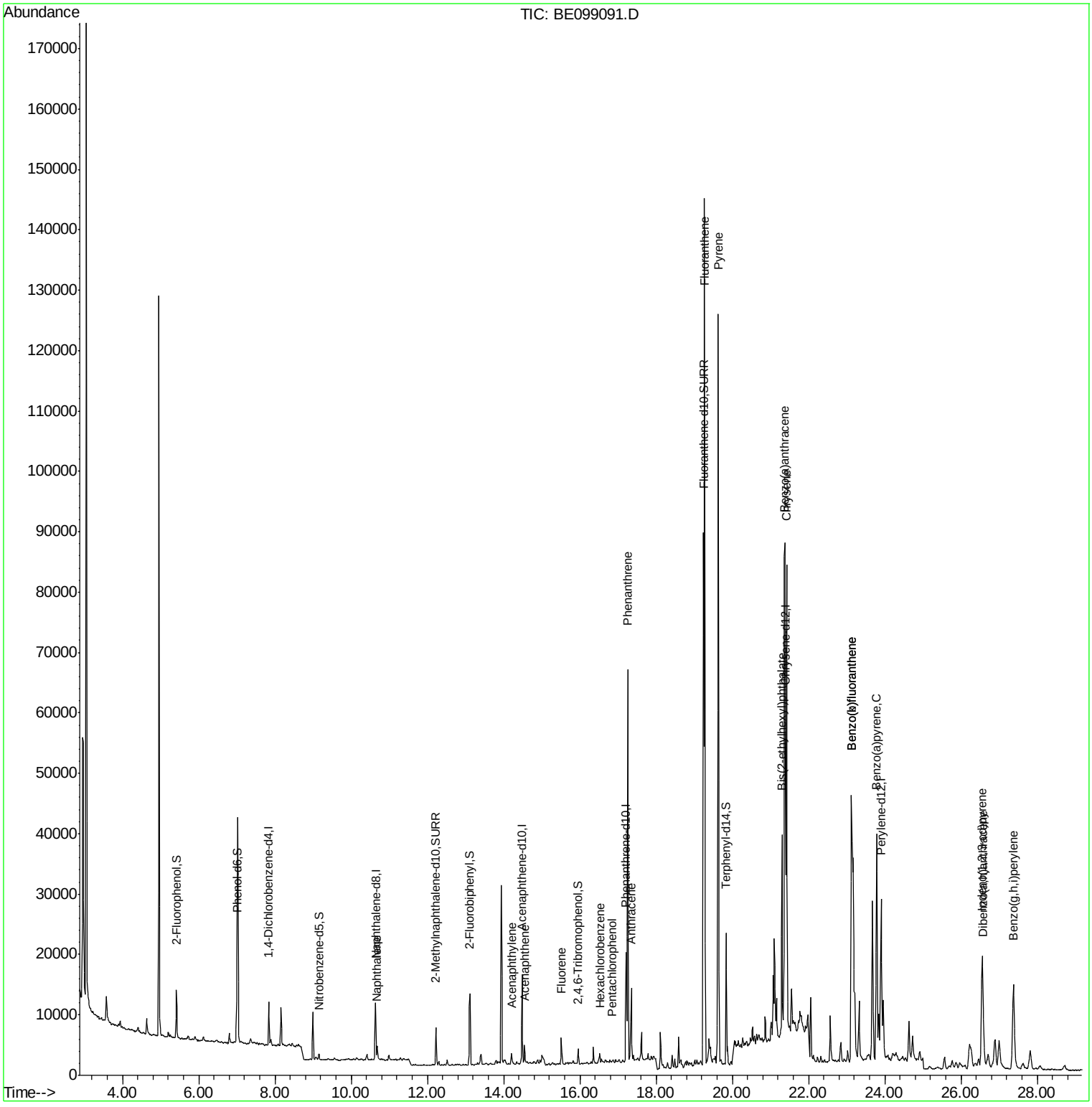
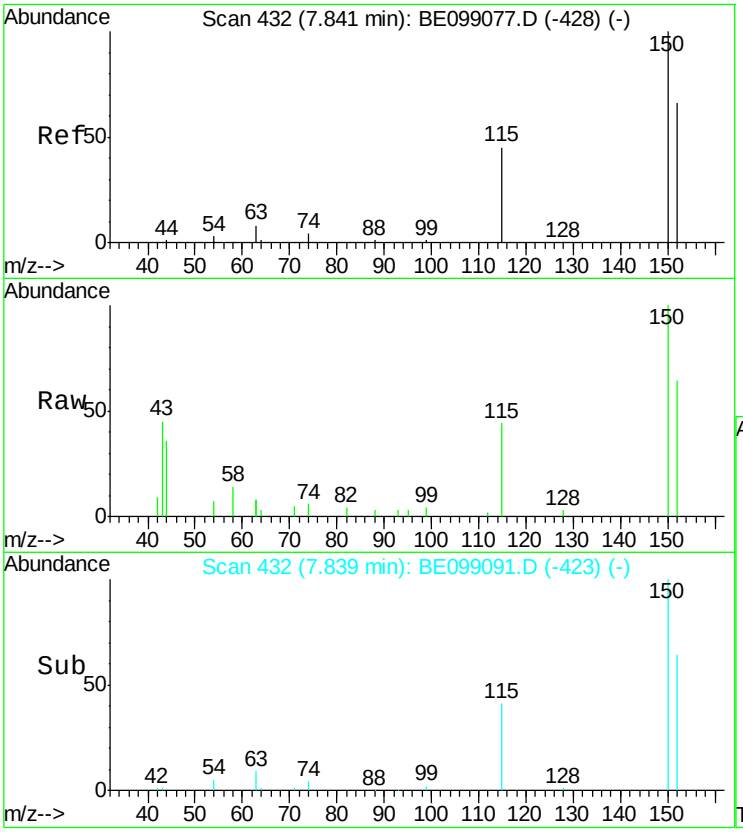


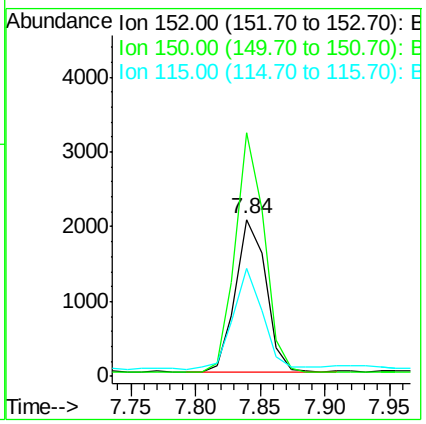


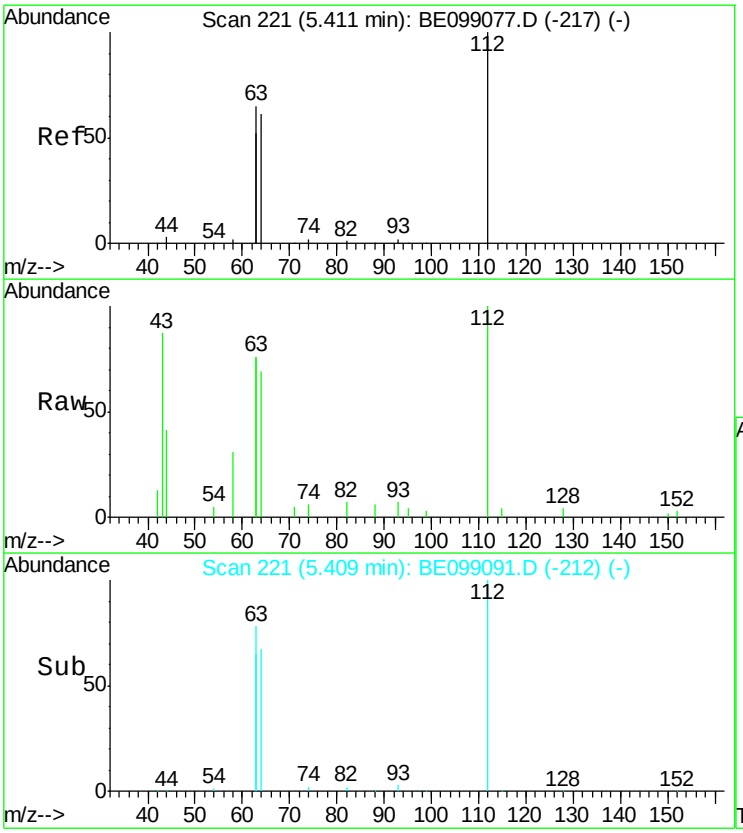
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.84 min Scan# 432
Delta R.T. -0.00 min
Lab File: BE099091.D
Acq: 22 Mar 2019 22:02

Instrument :
BNA_E
ClientSampleId :
INV-025-SW04-031319

Tgt Ion:152 Resp: 3319

Ion	Ratio	Lower	Upper
152	100		
150	155.0	122.5	183.7
115	68.5	57.4	86.2

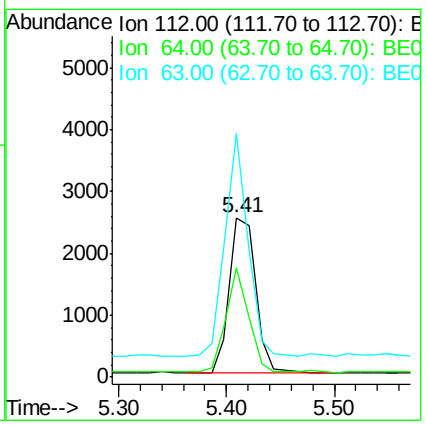


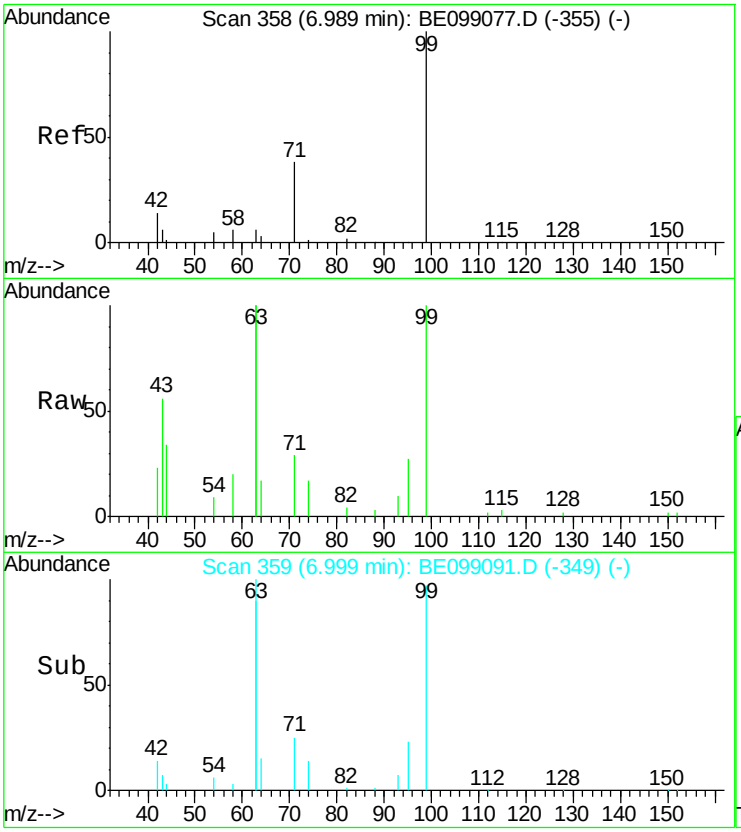


#4
2-Fluorophenol
Concen: 0.432 ng
RT: 5.41 min Scan# 221
Delta R.T. -0.00 min
Lab File: BE099091.D
Acq: 22 Mar 2019 22:02

Tgt Ion:112 Resp: 4272

Ion	Ratio	Lower	Upper
112	100		
64	56.6	57.9	86.9#
63	124.4	158.3	237.5#



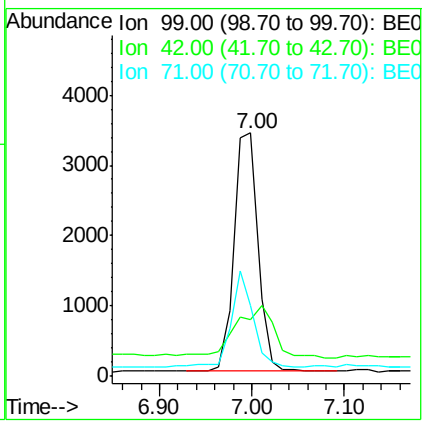


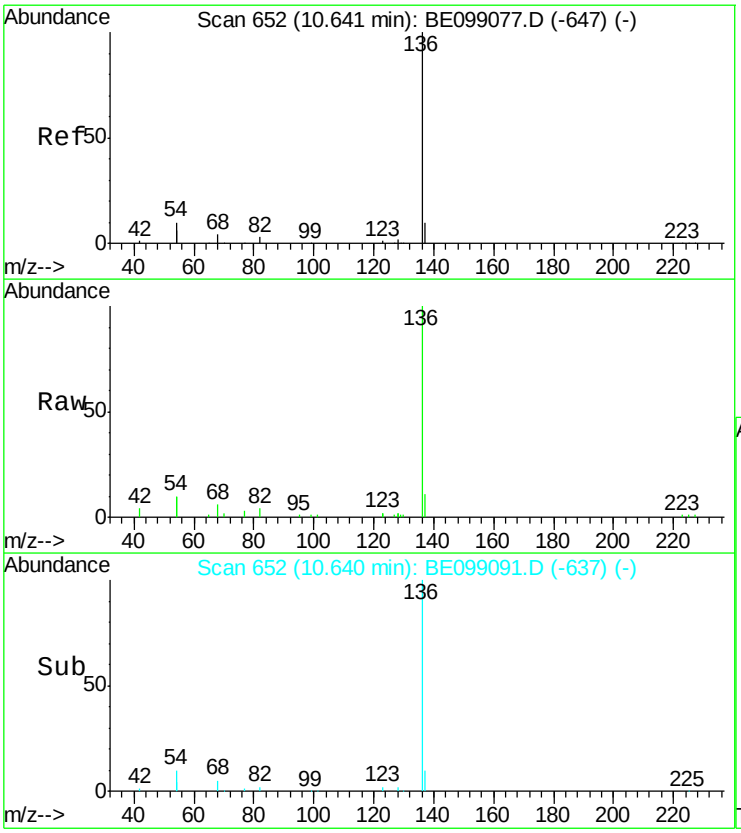
#5
Phenol-d6
Concen: 0.431 ng
RT: 7.00 min Scan# 359
Delta R.T. 0.01 min
Lab File: BE099091.D
Acq: 22 Mar 2019 22:02

Instrument :
BNA_E
ClientSampleId :
INV-025-SW04-031319

Tgt Ion: 99 Resp: 6137

Ion	Ratio	Lower	Upper
99	100		
42	34.8	24.2	36.2
71	0.0	35.7	53.5#

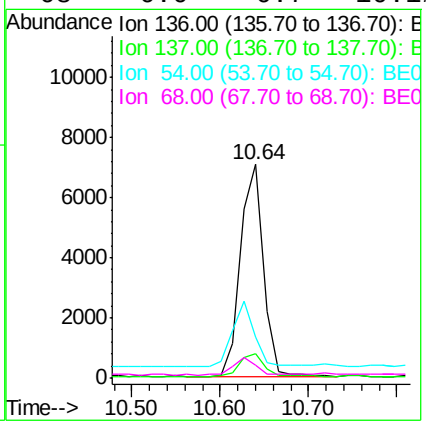


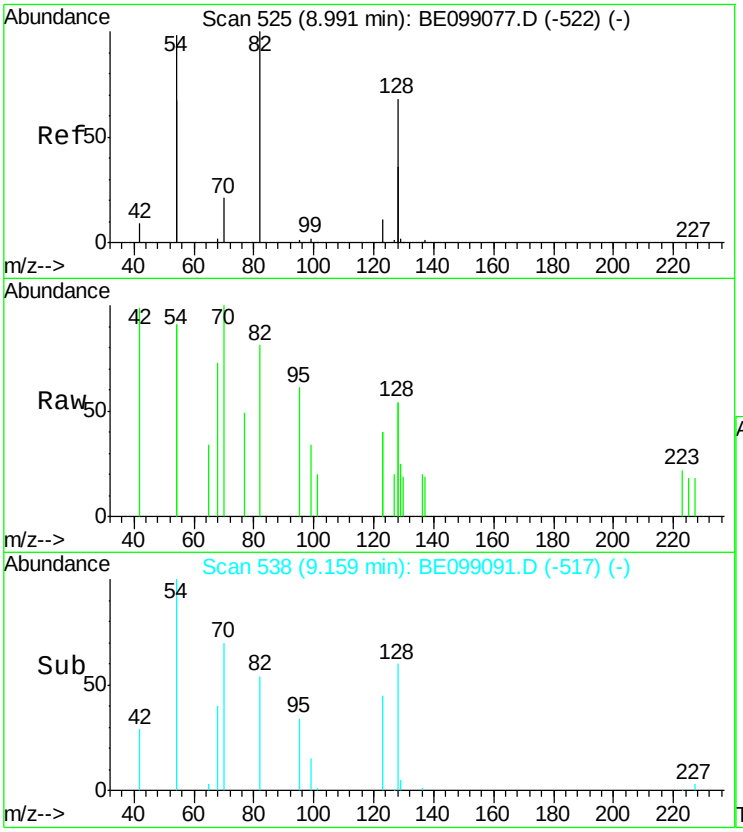


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.64 min Scan# 652
Delta R.T. -0.00 min
Lab File: BE099091.D
Acq: 22 Mar 2019 22:02

Tgt Ion:136 Resp: 12671

Ion	Ratio	Lower	Upper
136	100		
137	11.3	11.4	17.0#
54	19.5	39.3	58.9#
68	6.0	6.7	10.1#



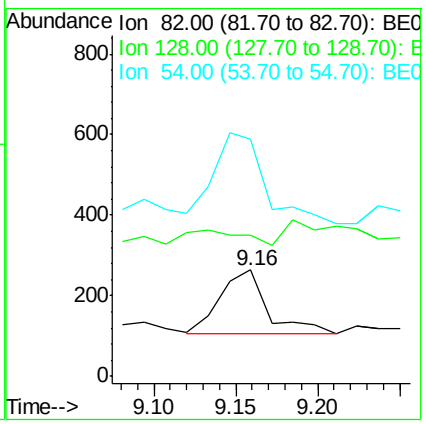


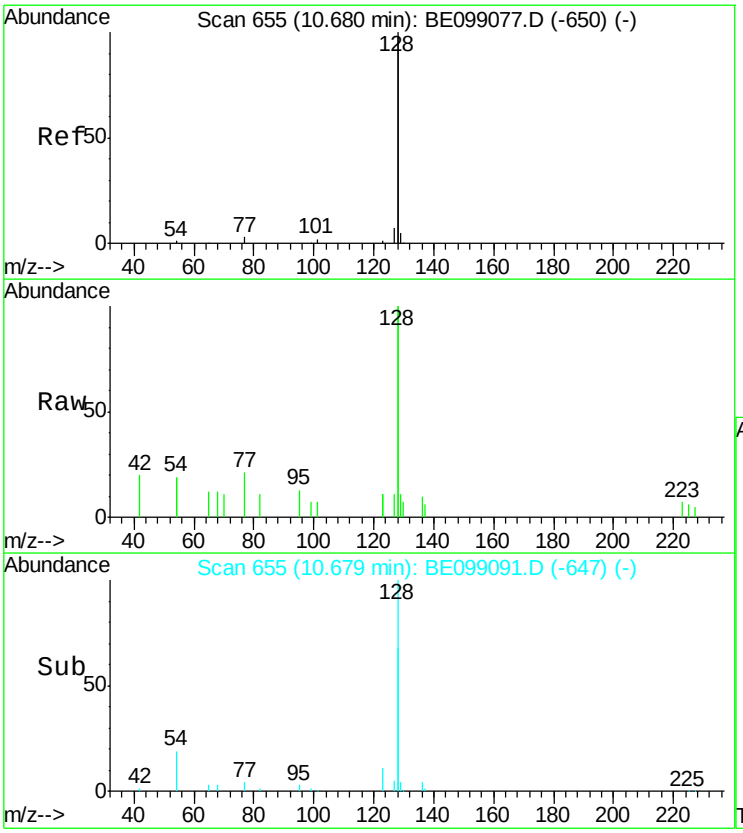
#8
Nitrobenzene-d5
Concen: 0.057 ng
RT: 9.16 min Scan# 538
Delta R.T. 0.17 min
Lab File: BE099091.D
Acq: 22 Mar 2019 22:02

Instrument :
BNA_E
ClientSampleId :
INV-025-SW04-031319

Tgt Ion: 82 Resp: 315

Ion	Ratio	Lower	Upper
82	100		
128	132.6	123.8	185.8
54	222.7	203.4	305.2

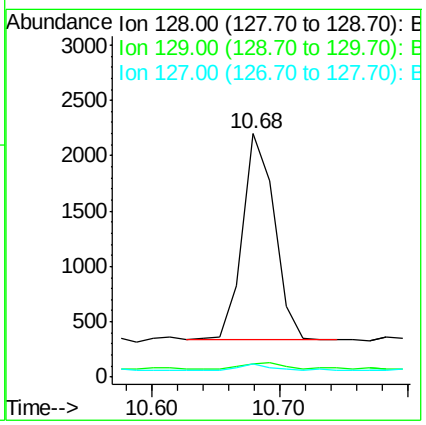


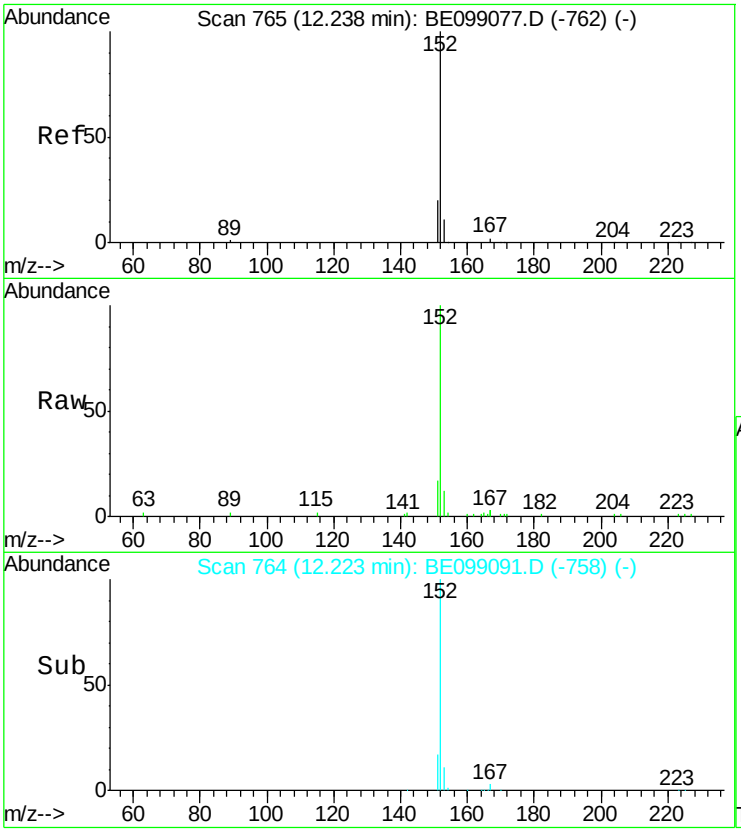


#9
Naphthalene
Concen: 0.022 ng
RT: 10.68 min Scan# 655
Delta R.T. -0.00 min
Lab File: BE099091.D
Acq: 22 Mar 2019 22:02

Tgt Ion:128 Resp: 3221

Ion	Ratio	Lower	Upper
128	100		
129	5.5	2.6	4.0#
127	5.7	3.1	4.7#



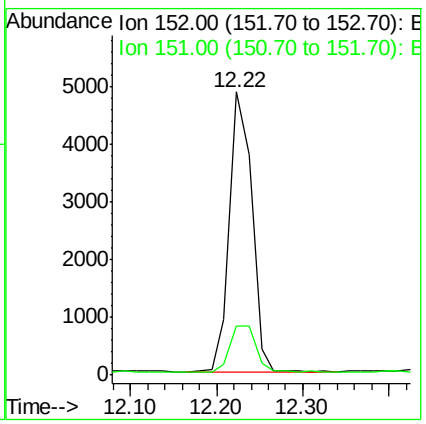


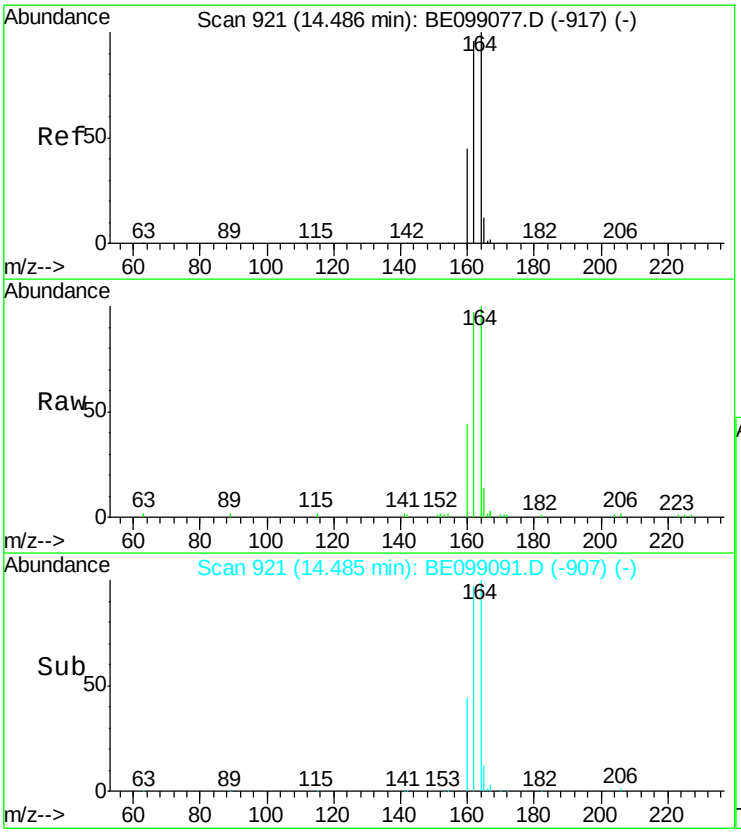
#11
2-Methylnaphthalene-d10
Concen: 0.378 ng
RT: 12.22 min Scan# 764
Delta R.T. -0.02 min
Lab File: BE099091.D
Acq: 22 Mar 2019 22:02

Instrument :
BNA_E
ClientSampleId :
INV-025-SW04-031319

Tgt Ion:152 Resp: 8638

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.5	24.7

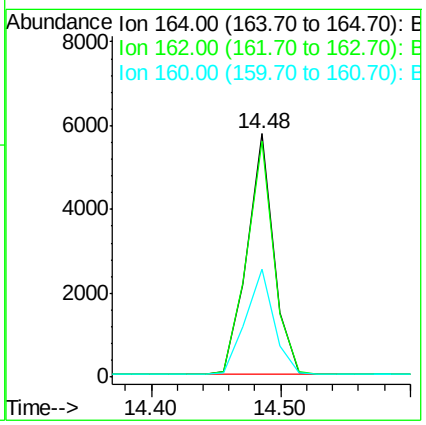


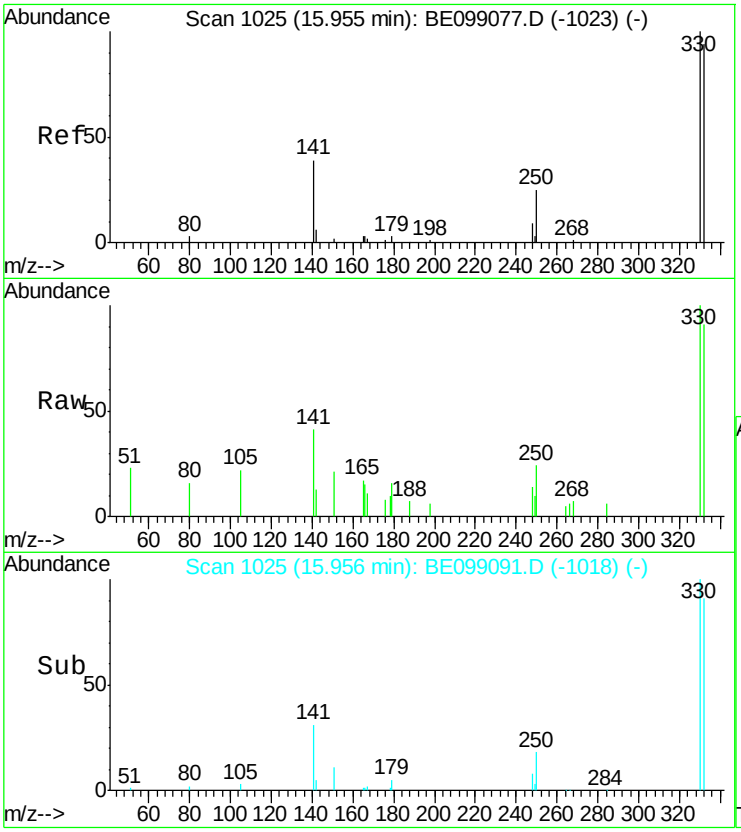


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.48 min Scan# 921
Delta R.T. -0.00 min
Lab File: BE099091.D
Acq: 22 Mar 2019 22:02

Tgt Ion:164 Resp: 8212

Ion	Ratio	Lower	Upper
164	100		
162	96.8	80.2	120.2
160	44.3	37.8	56.8



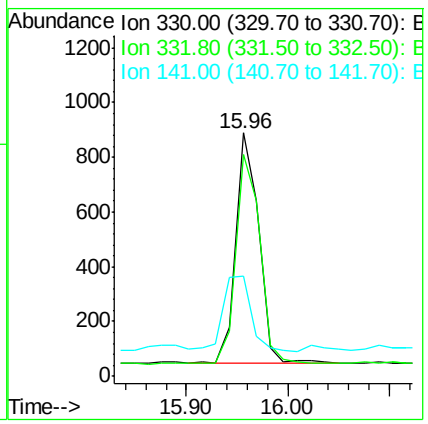


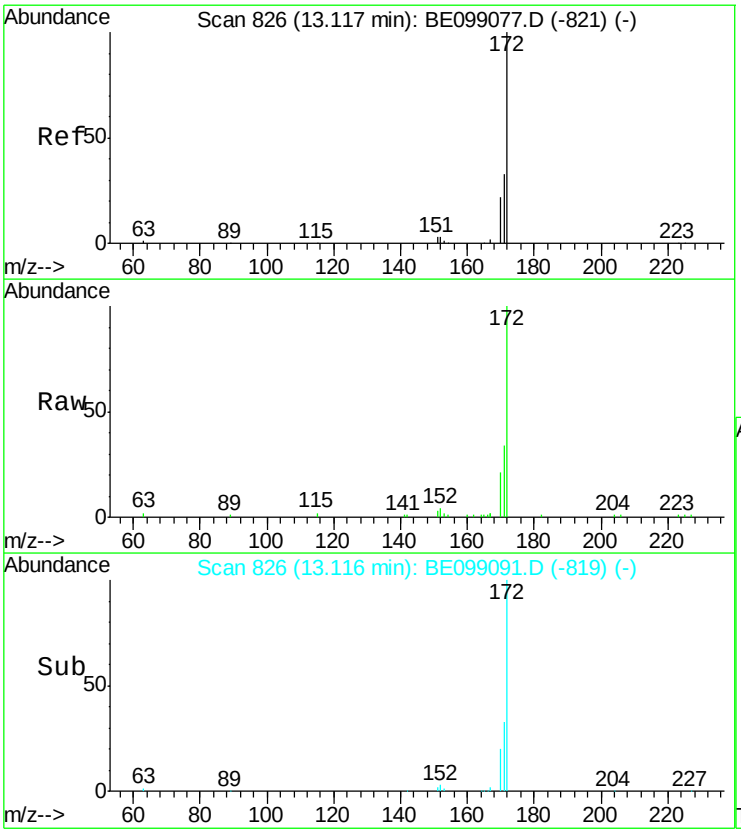
#14
2,4,6-Tribromophenol
Concen: 0.556 ng
RT: 15.96 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BE099091.D
Acq: 22 Mar 2019 22:02

Instrument :
BNA_E
ClientSampleId :
INV-025-SW04-031319

Tgt Ion:330 Resp: 1343

Ion	Ratio	Lower	Upper
330	100		
332	93.2	77.6	116.4
141	40.0	31.0	46.4

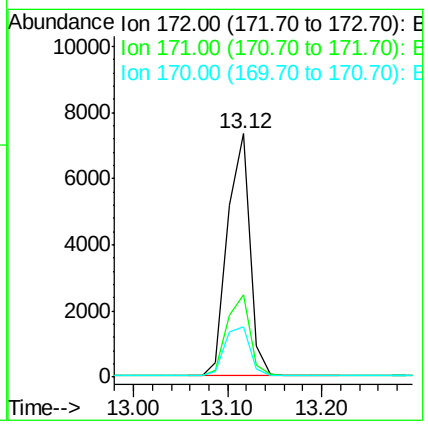


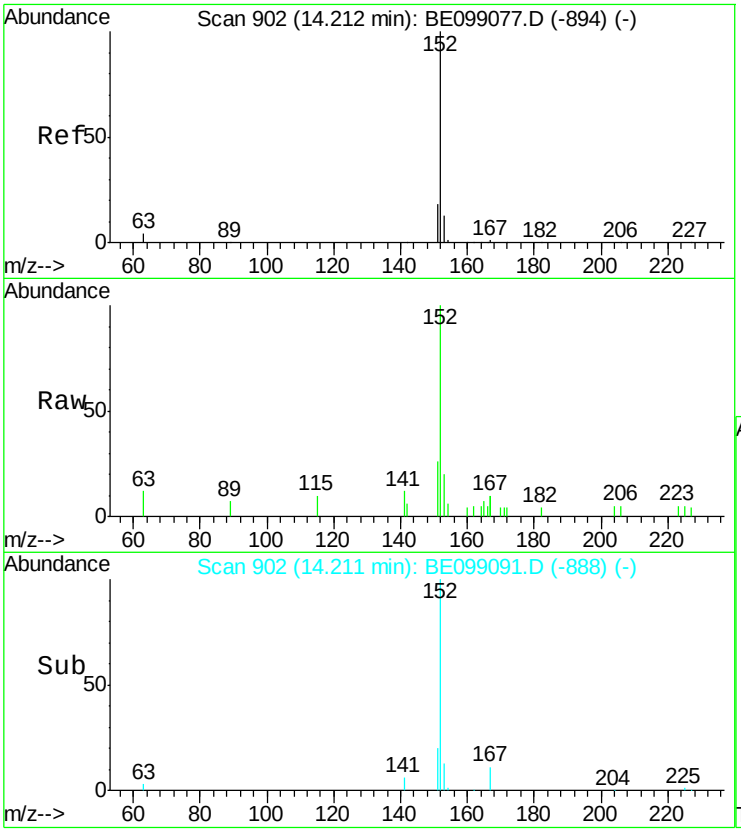


#15
2-Fluorobiphenyl
Concen: 0.364 ng
RT: 13.12 min Scan# 826
Delta R.T. -0.00 min
Lab File: BE099091.D
Acq: 22 Mar 2019 22:02

Tgt Ion:172 Resp: 11897

Ion	Ratio	Lower	Upper
172	100		
171	33.8	28.0	42.0
170	20.9	17.7	26.5



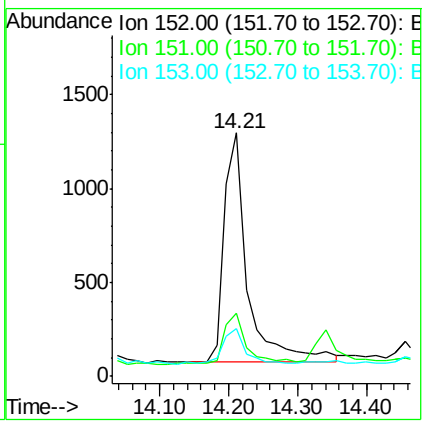


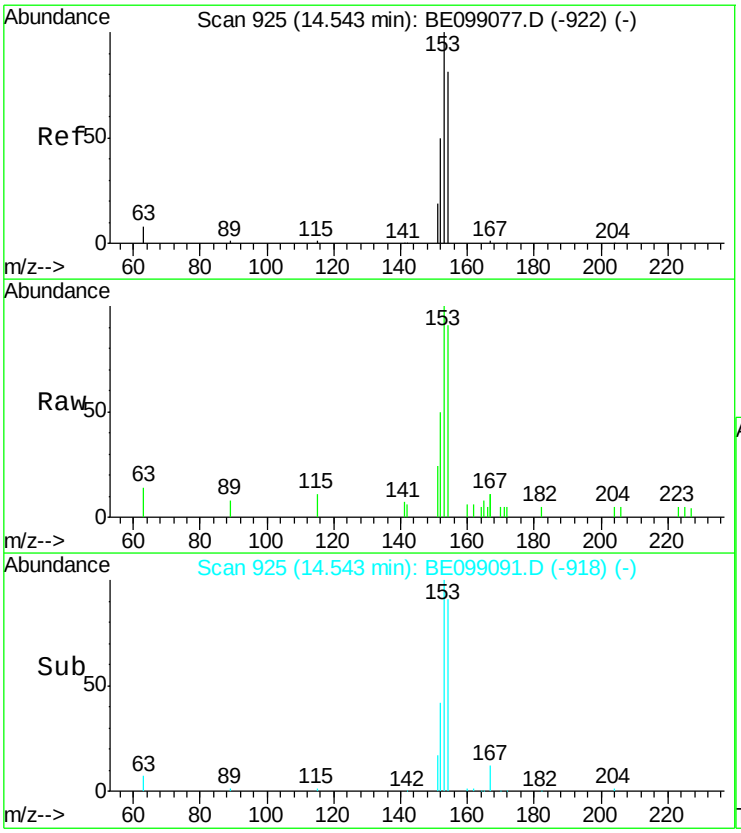
#16
Acenaphthylene
Concen: 0.066 ng
RT: 14.21 min Scan# 902
Delta R.T. -0.00 min
Lab File: BE099091.D
Acq: 22 Mar 2019 22:02

Instrument :
BNA_E
ClientSampleId :
INV-025-SW04-031319

Tgt Ion:152 Resp: 2907

Ion	Ratio	Lower	Upper
152	100		
151	22.7	17.0	25.6
153	15.4	11.2	16.8

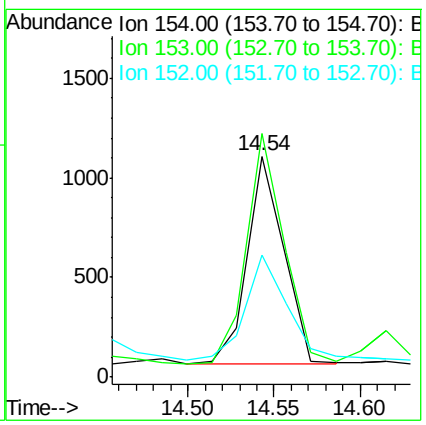


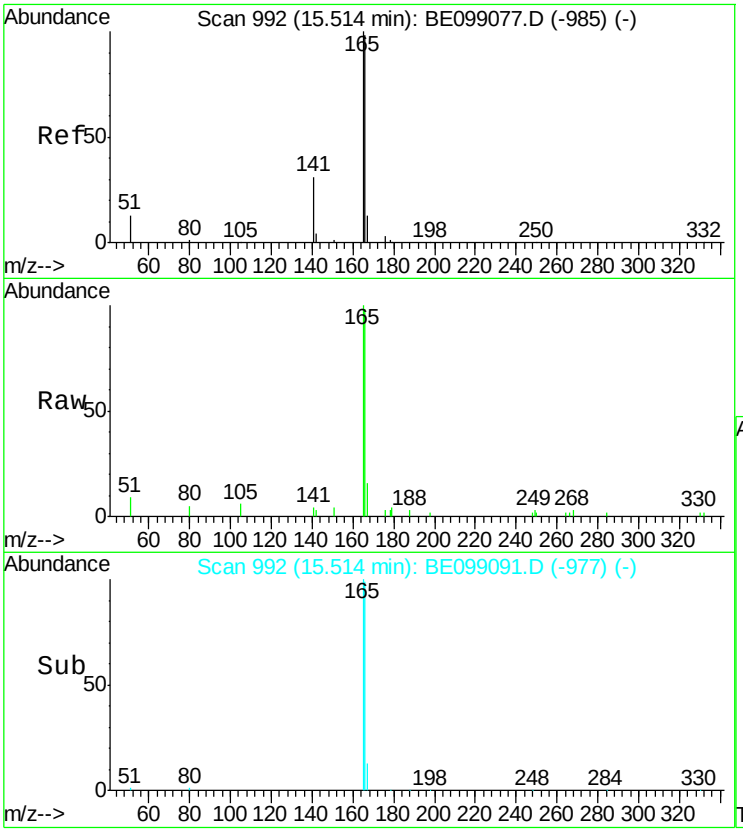


#17
Acenaphthene
Concen: 0.059 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE099091.D
Acq: 22 Mar 2019 22:02

Tgt Ion:154 Resp: 1541

Ion	Ratio	Lower	Upper
154	100		
153	113.2	94.2	141.4
152	57.6	45.0	67.4



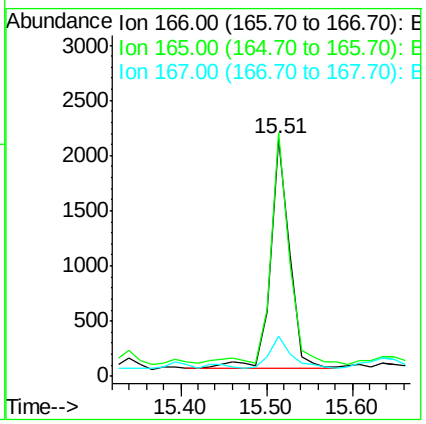


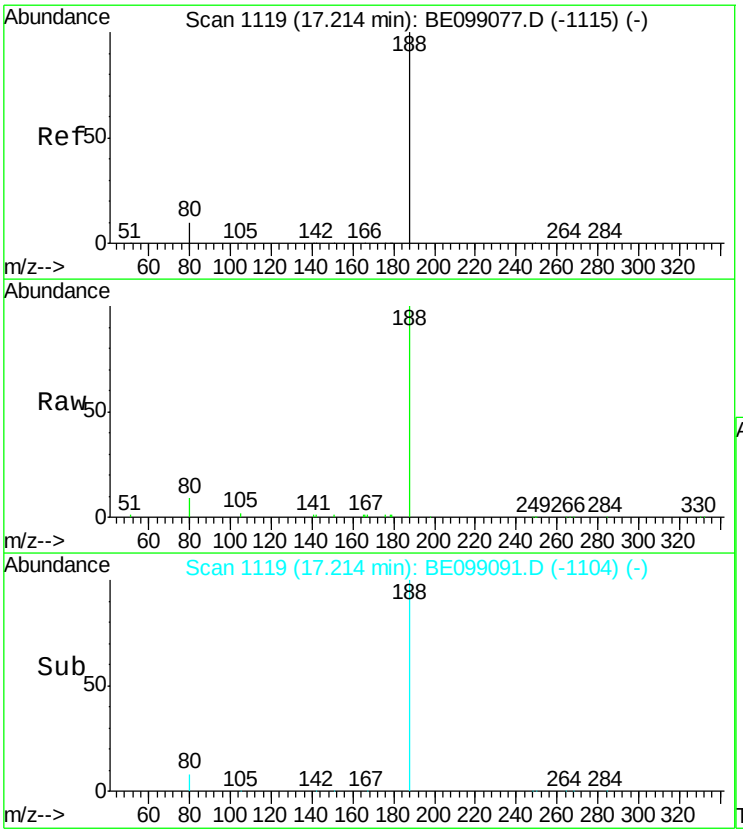
#18
Fluorene
Concen: 0.085 ng
RT: 15.51 min Scan# 992
Delta R.T. 0.00 min
Lab File: BE099091.D
Acq: 22 Mar 2019 22:02

Instrument :
BNA_E
ClientSampleId :
INV-025-SW04-031319

Tgt Ion:166 Resp: 3210

Ion	Ratio	Lower	Upper
166	100		
165	93.1	79.3	118.9
167	15.7	10.5	15.7

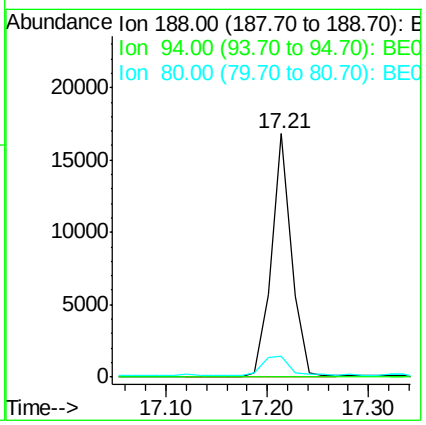


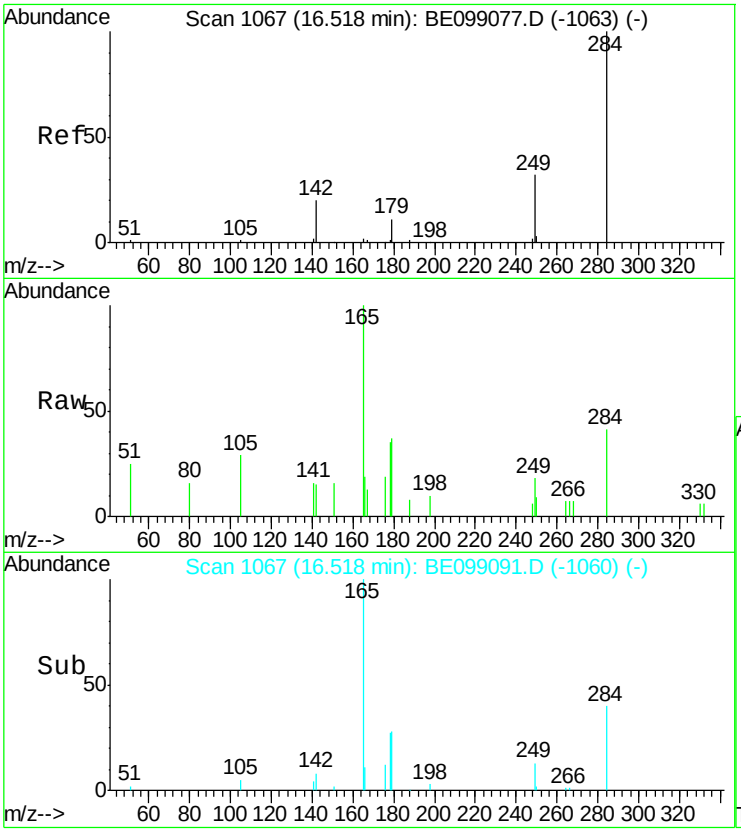


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BE099091.D
Acq: 22 Mar 2019 22:02

Tgt Ion:188 Resp: 22928

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.7	6.3	9.5



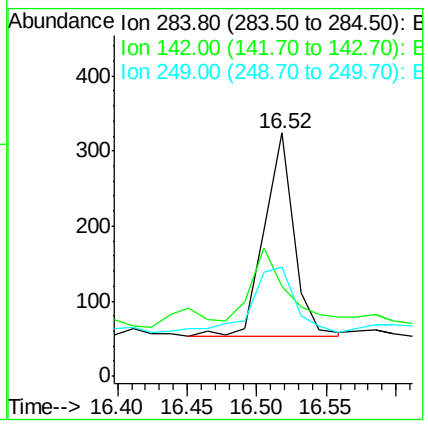


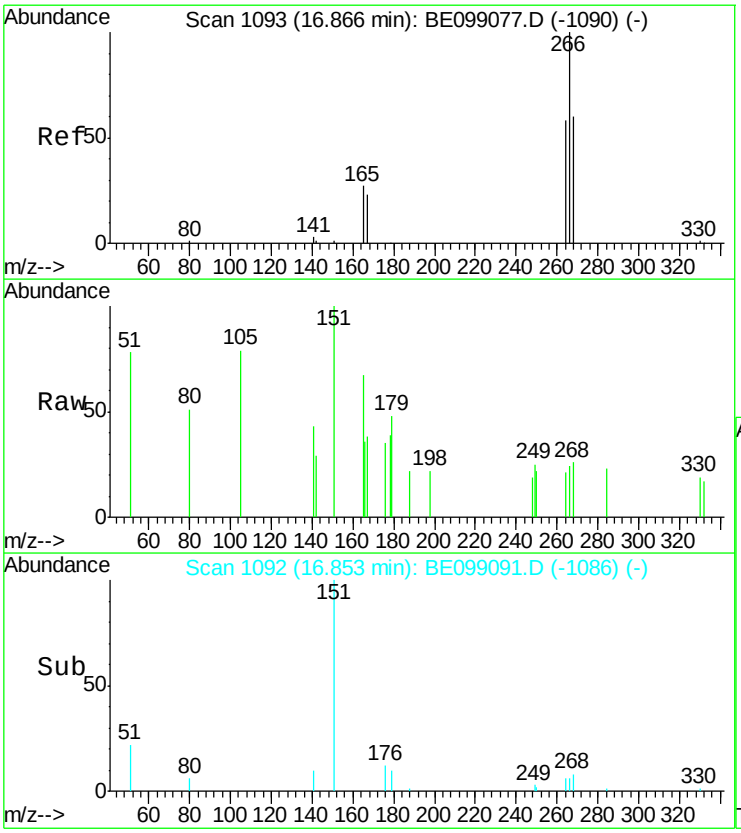
#21
Hexachlorobenzene
Concen: 0.034 ng
RT: 16.52 min Scan# 1067
Delta R.T. 0.00 min
Lab File: BE099091.D
Acq: 22 Mar 2019 22:02

Instrument :
BNA_E
ClientSampleId :
INV-025-SW04-031319

Tgt Ion:284 Resp: 399

Ion	Ratio	Lower	Upper
284	100		
142	41.6	28.7	43.1
249	44.6	29.6	44.4#

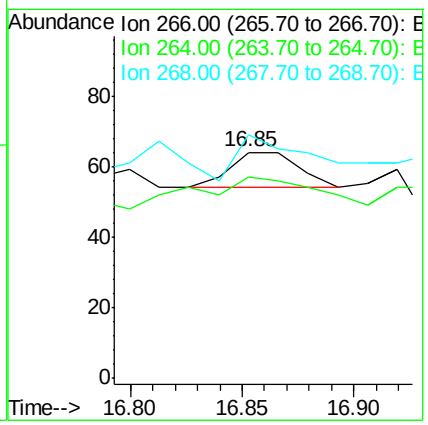


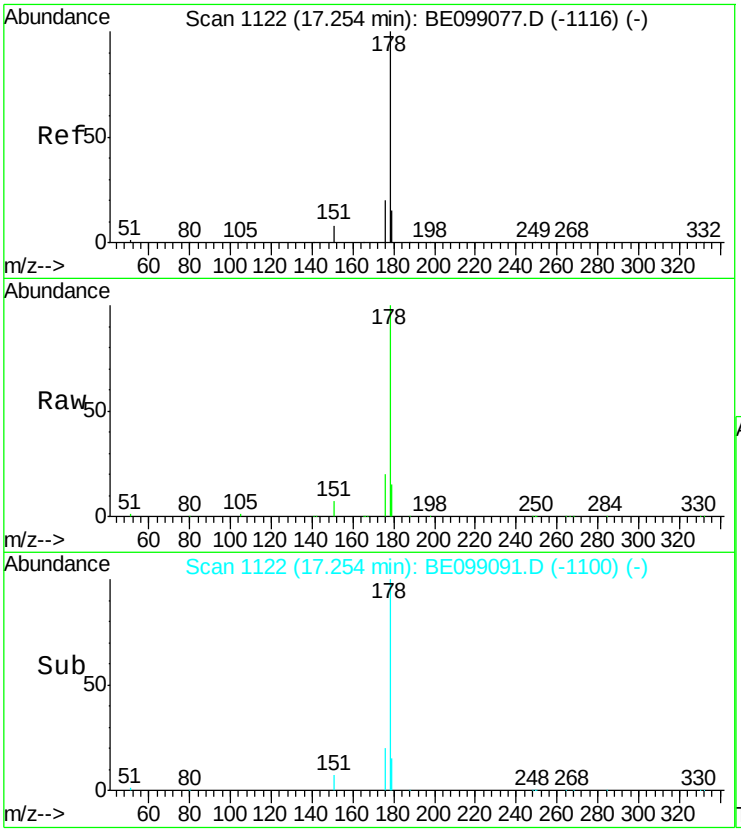


#22
Pentachlorophenol
Concen: 0.256 ng
RT: 16.85 min Scan# 1092
Delta R.T. -0.01 min
Lab File: BE099091.D
Acq: 22 Mar 2019 22:02

Tgt Ion:266 Resp: 22

Ion	Ratio	Lower	Upper
266	100		
264	89.1	66.6	100.0
268	107.8	69.8	104.8#



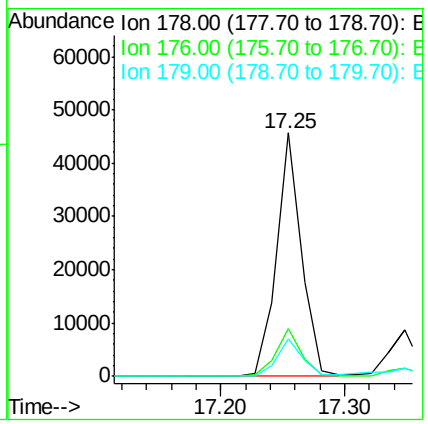


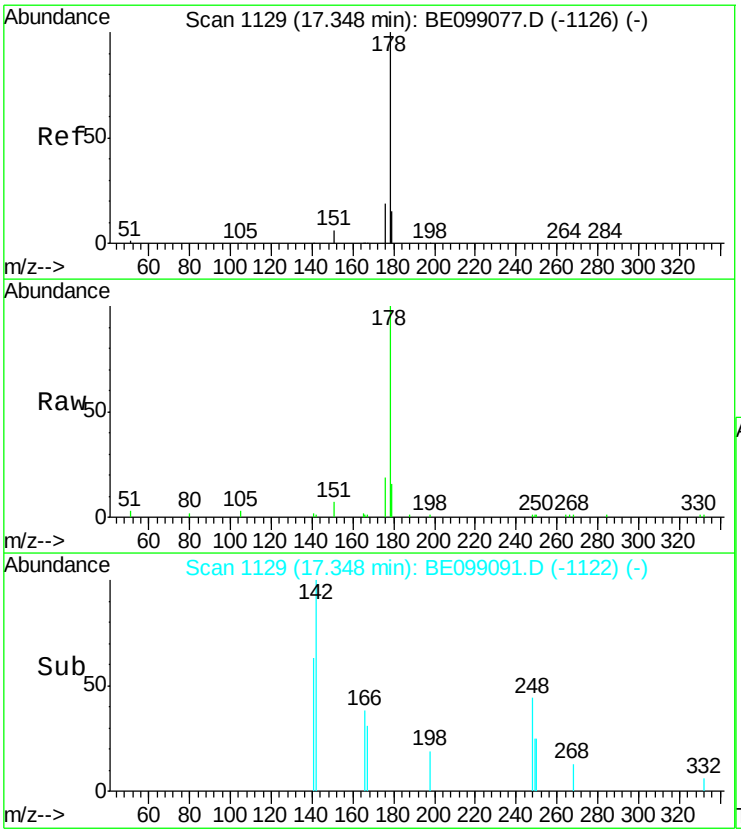
#23
Phenanthrene
Concen: 0.928 ng
RT: 17.25 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BE099091.D
Acq: 22 Mar 2019 22:02

Instrument :
BNA_E
ClientSampleId :
INV-025-SW04-031319

Tgt Ion:178 Resp: 63171

Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.0	24.0
179	15.3	12.1	18.1

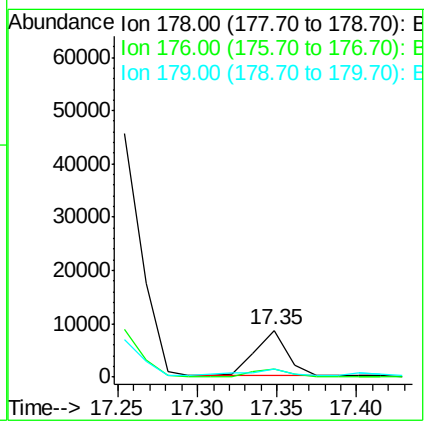


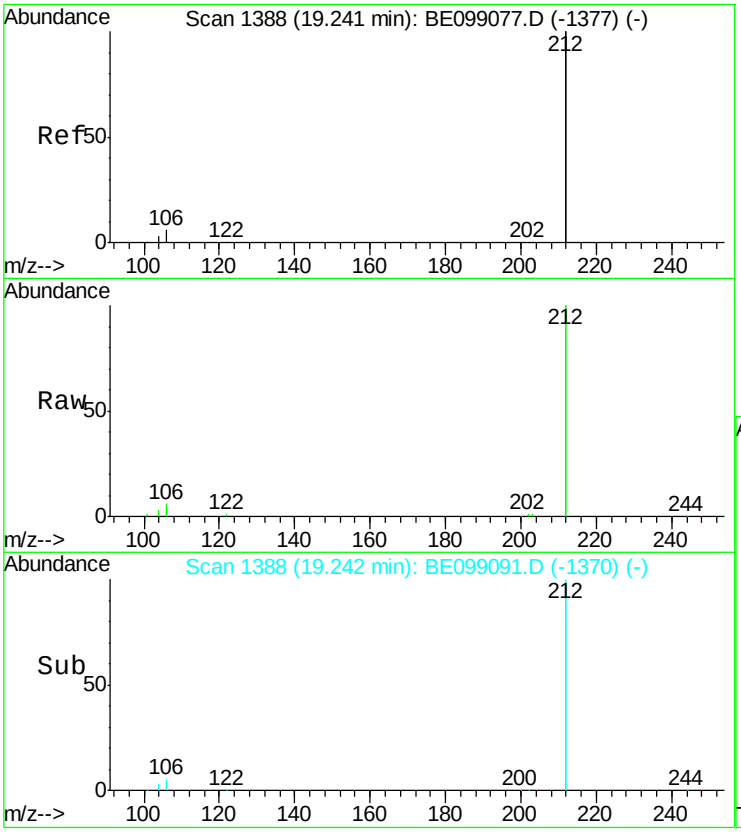


#24
Anthracene
Concen: 0.193 ng
RT: 17.35 min Scan# 1129
Delta R.T. 0.00 min
Lab File: BE099091.D
Acq: 22 Mar 2019 22:02

Tgt Ion:178 Resp: 12438

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.0
179	19.6	12.2	18.4#



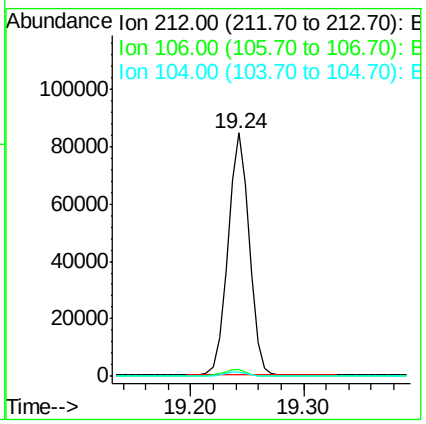


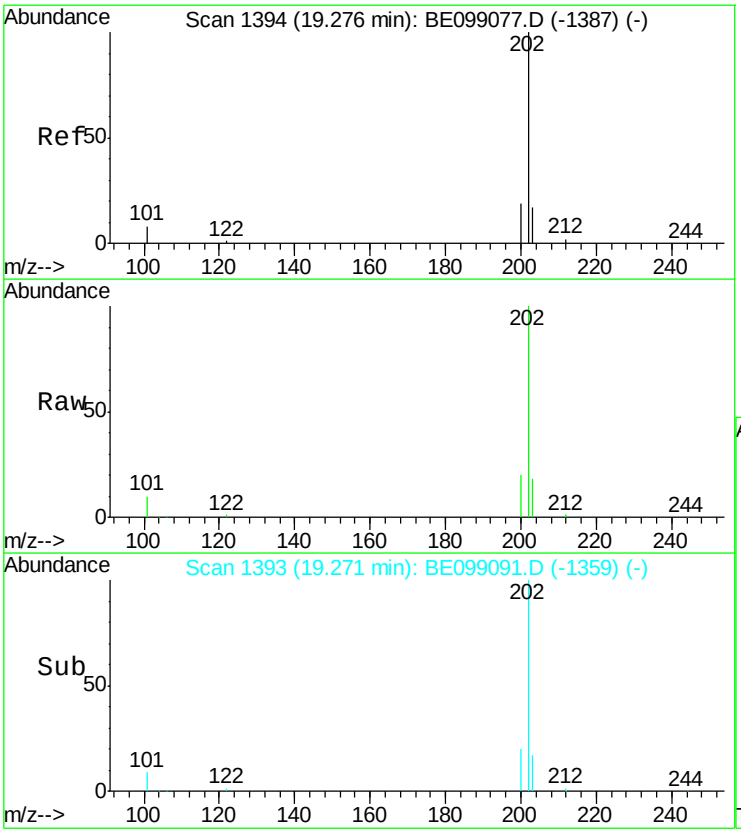
#25
Fluoranthene-d10
Concen: 0.364 ng
RT: 19.24 min Scan# 1388
Delta R.T. 0.00 min
Lab File: BE099091.D
Acq: 22 Mar 2019 22:02

Instrument :
BNA_E
ClientSampleId :
INV-025-SW04-031319

Tgt Ion:212 Resp: 111209

Ion	Ratio	Lower	Upper
212	100		
106	2.9	1.8	2.8#
104	1.6	1.0	1.6#

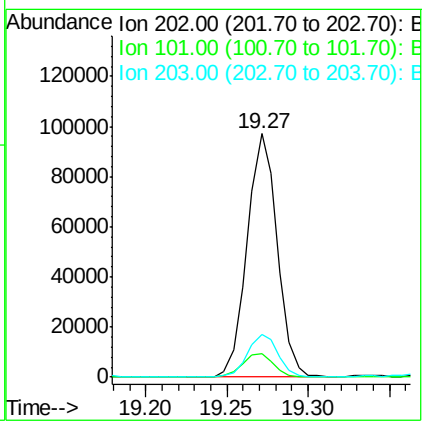


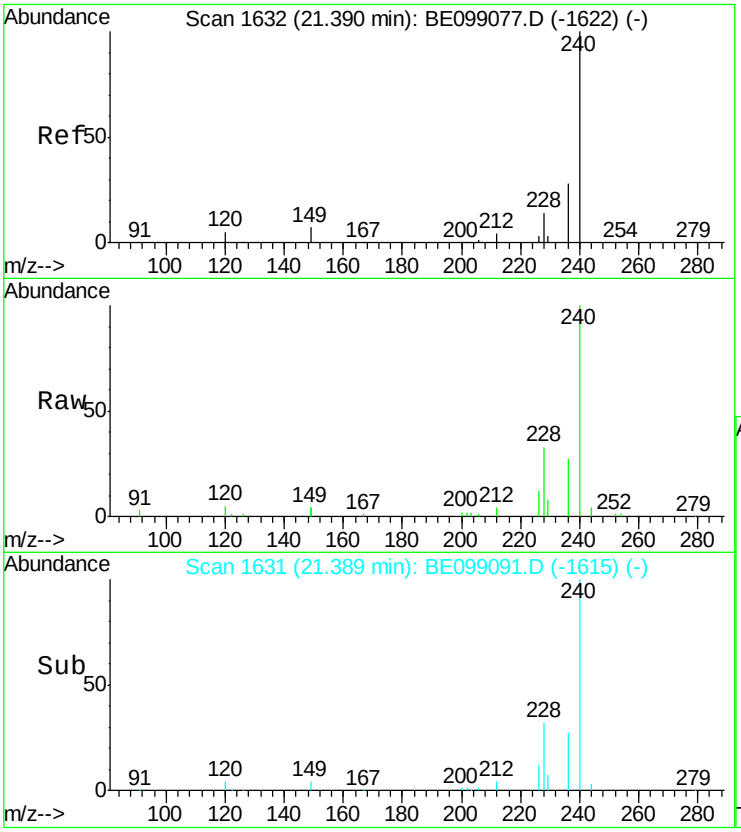


#26
Fluoranthene
Concen: 1.299 ng
RT: 19.27 min Scan# 1393
Delta R.T. -0.00 min
Lab File: BE099091.D
Acq: 22 Mar 2019 22:02

Tgt Ion:202 Resp: 124437

Ion	Ratio	Lower	Upper
202	100		
101	10.0	7.3	10.9
203	17.5	13.4	20.2



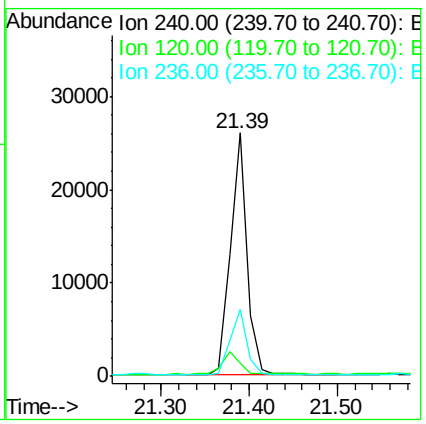


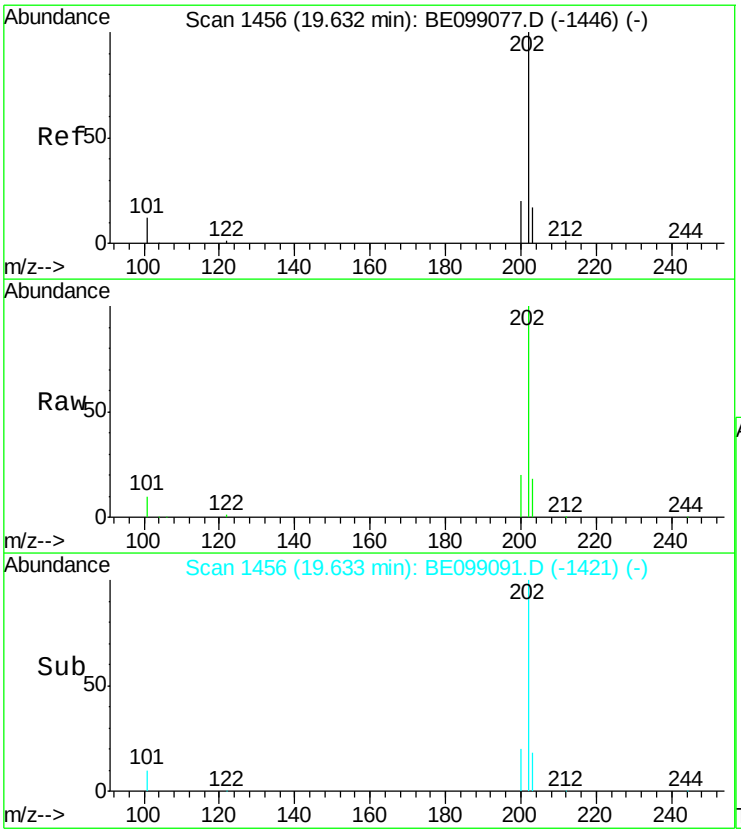
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.39 min Scan# 1631
Delta R.T. -0.00 min
Lab File: BE099091.D
Acq: 22 Mar 2019 22:02

Instrument :
BNA_E
ClientSampleId :
INV-025-SW04-031319

Tgt Ion:240 Resp: 34411

Ion	Ratio	Lower	Upper
240	100		
120	5.2	5.0	7.4
236	27.3	22.7	34.1

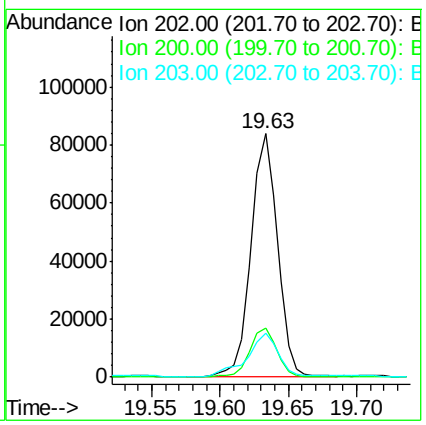


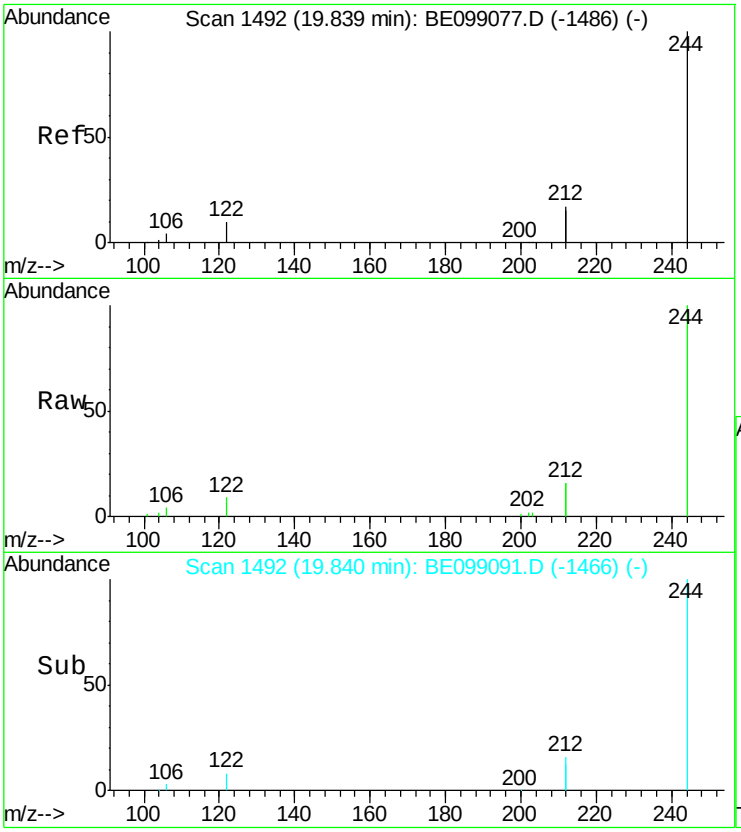


#28
Pyrene
Concen: 0.952 ng
RT: 19.63 min Scan# 1456
Delta R.T. 0.00 min
Lab File: BE099091.D
Acq: 22 Mar 2019 22:02

Tgt Ion:202 Resp: 111141

Ion	Ratio	Lower	Upper
202	100		
200	20.4	17.0	25.6
203	21.2	14.2	21.2



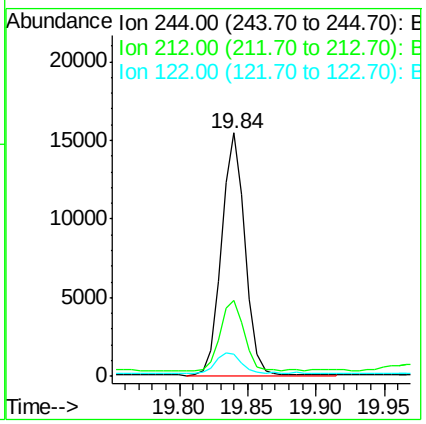


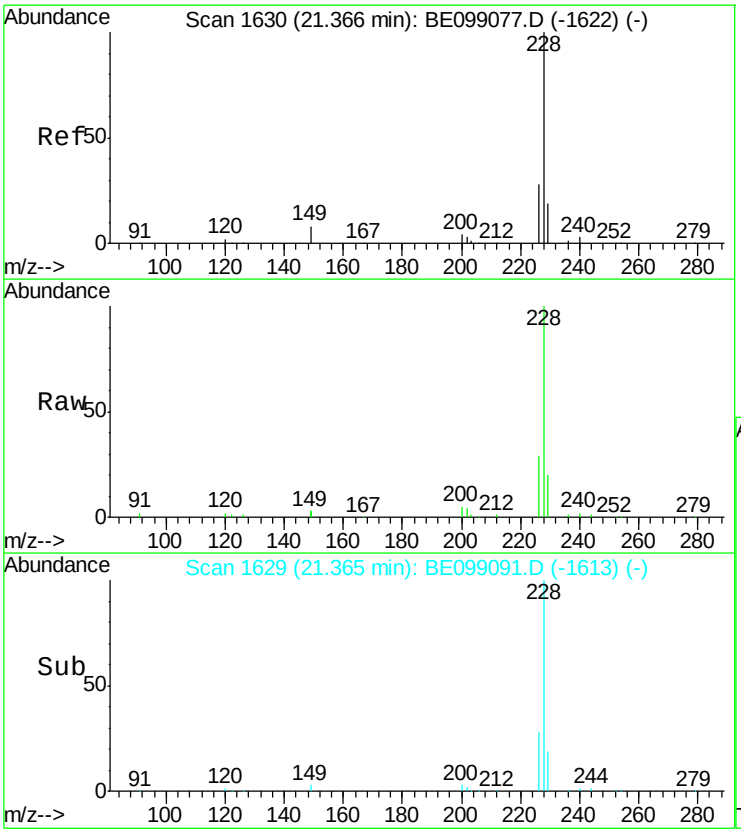
#29
Terphenyl-d14
Concen: 0.256 ng
RT: 19.84 min Scan# 1492
Delta R.T. 0.00 min
Lab File: BE099091.D
Acq: 22 Mar 2019 22:02

Instrument :
BNA_E
ClientSampleId :
INV-025-SW04-031319

Tgt Ion:244 Resp: 18611

Ion	Ratio	Lower	Upper
244	100		
212	31.2	29.4	44.2
122	9.0	7.1	10.7

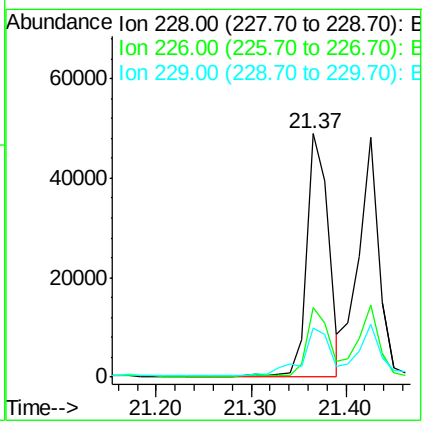


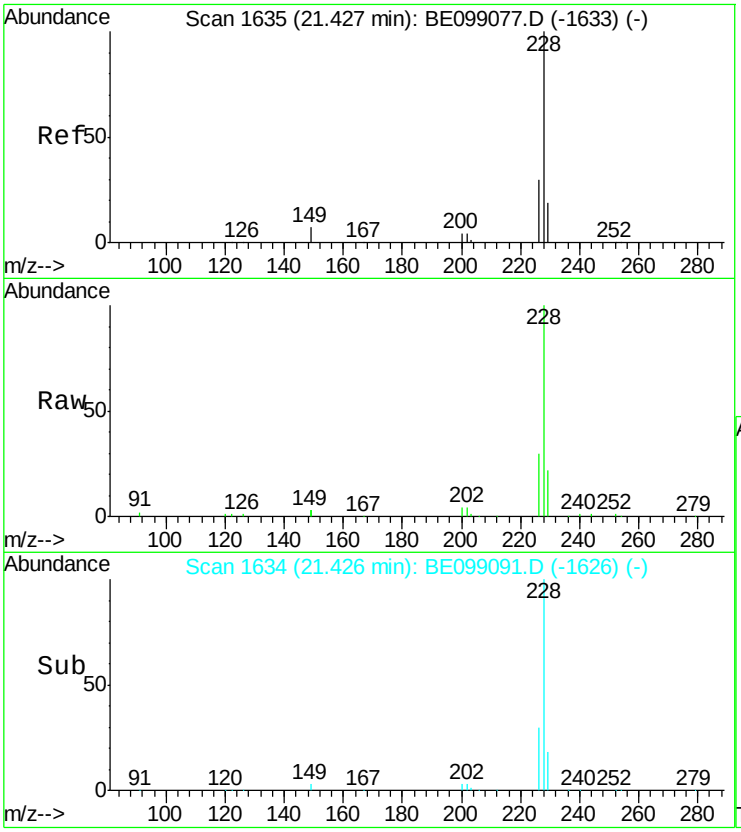


#30
Benzo(a)anthracene
Concen: 0.632 ng
RT: 21.37 min Scan# 1629
Delta R.T. -0.00 min
Lab File: BE099091.D
Acq: 22 Mar 2019 22:02

Tgt Ion:228 Resp: 76663

Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.0	34.4
229	20.2	16.5	24.7



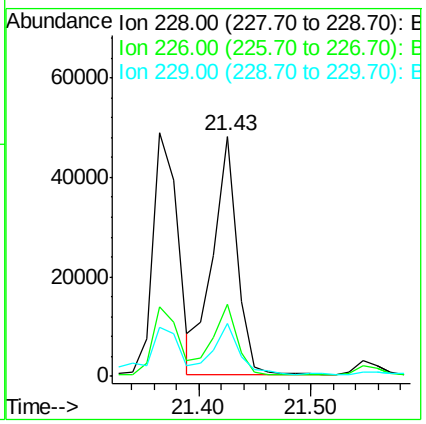


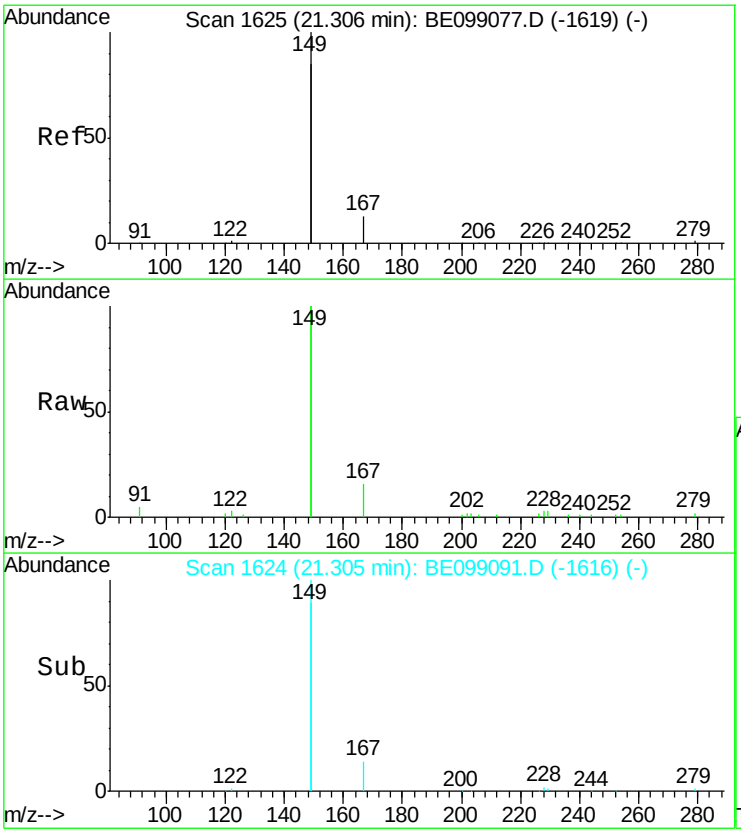
#31
Chrysene
Concen: 0.597 ng
RT: 21.43 min Scan# 1634
Delta R.T. -0.00 min
Lab File: BE099091.D
Acq: 22 Mar 2019 22:02

Instrument :
BNA_E
ClientSampleId :
INV-025-SW04-031319

Tgt Ion:228 Resp: 72356

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.7	35.5
229	22.3	16.1	24.1

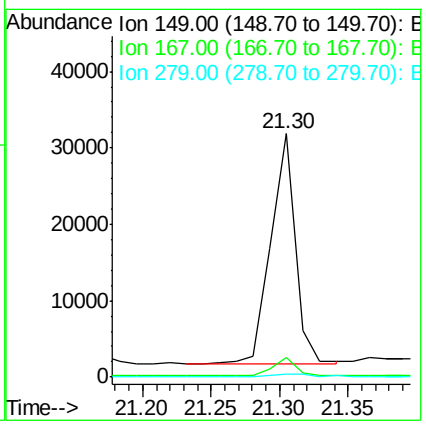


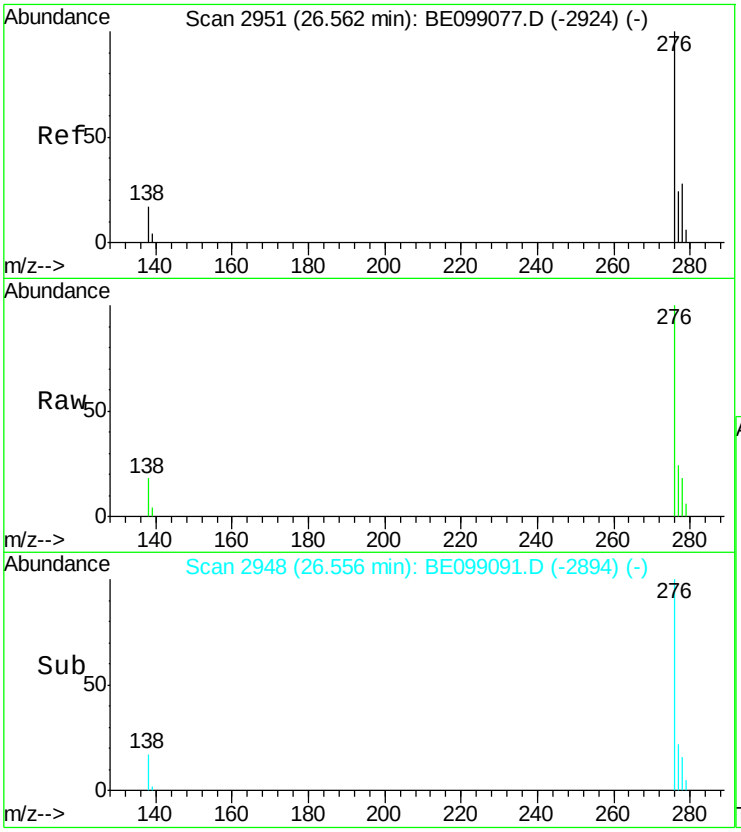


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.242 ng
RT: 21.30 min Scan# 1624
Delta R.T. -0.00 min
Lab File: BE099091.D
Acq: 22 Mar 2019 22:02

Tgt Ion:149 Resp: 38045

Ion	Ratio	Lower	Upper
149	100		
167	7.6	5.4	8.0
279	1.1	1.0	1.4



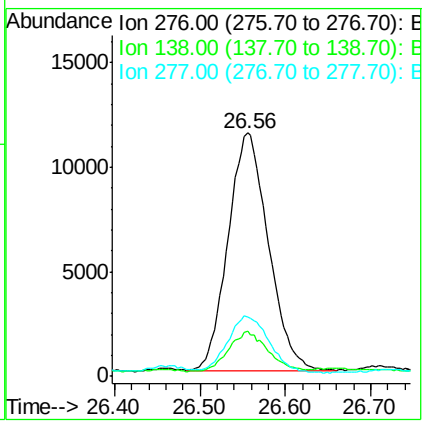


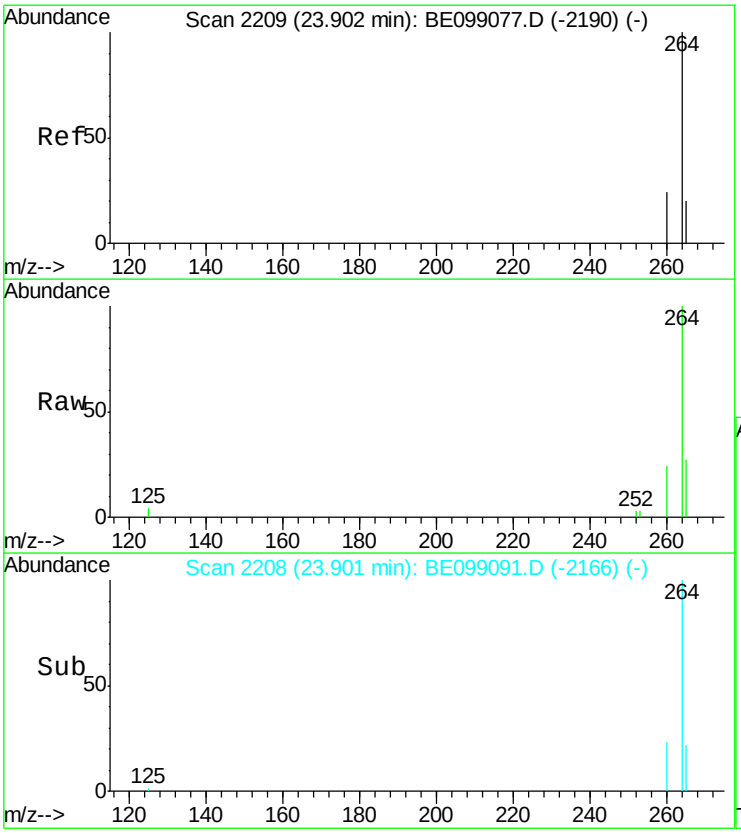
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.288 ng
RT: 26.56 min Scan# 2948
Delta R.T. -0.01 min
Lab File: BE099091.D
Acq: 22 Mar 2019 22:02

Instrument :
BNA_E
ClientSampleId :
INV-025-SW04-031319

Tgt Ion:276 Resp: 37487

Ion	Ratio	Lower	Upper
276	100		
138	16.1	13.8	20.8
277	24.5	19.5	29.3

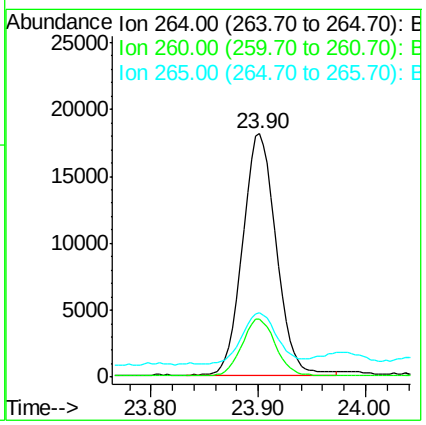


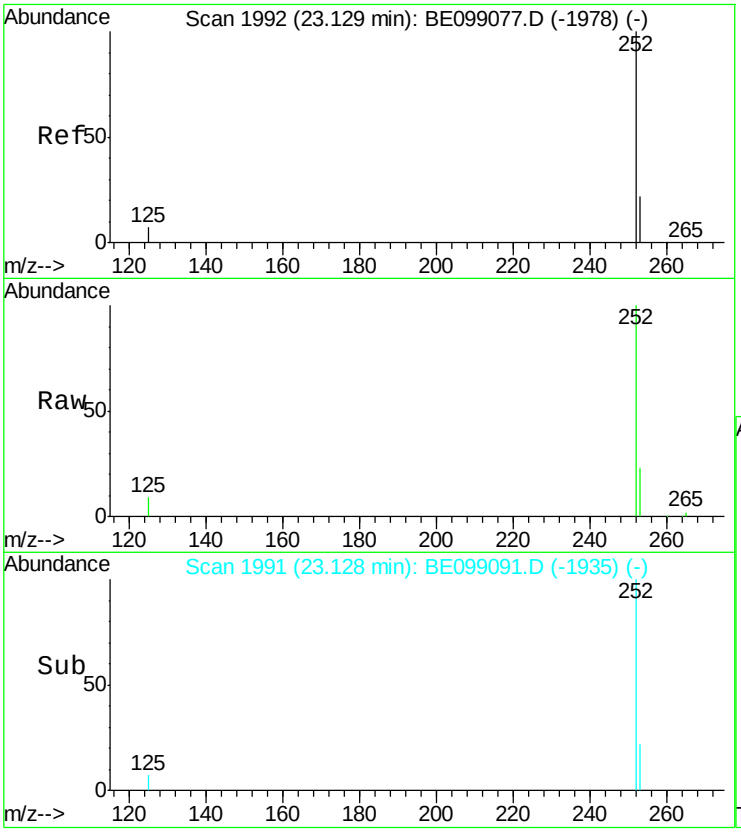


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.90 min Scan# 2208
Delta R.T. -0.00 min
Lab File: BE099091.D
Acq: 22 Mar 2019 22:02

Tgt Ion:264 Resp: 39038

Ion	Ratio	Lower	Upper
264	100		
260	23.8	21.2	31.8
265	26.6	24.6	36.8



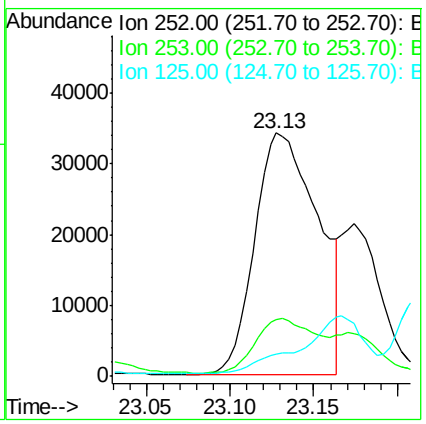


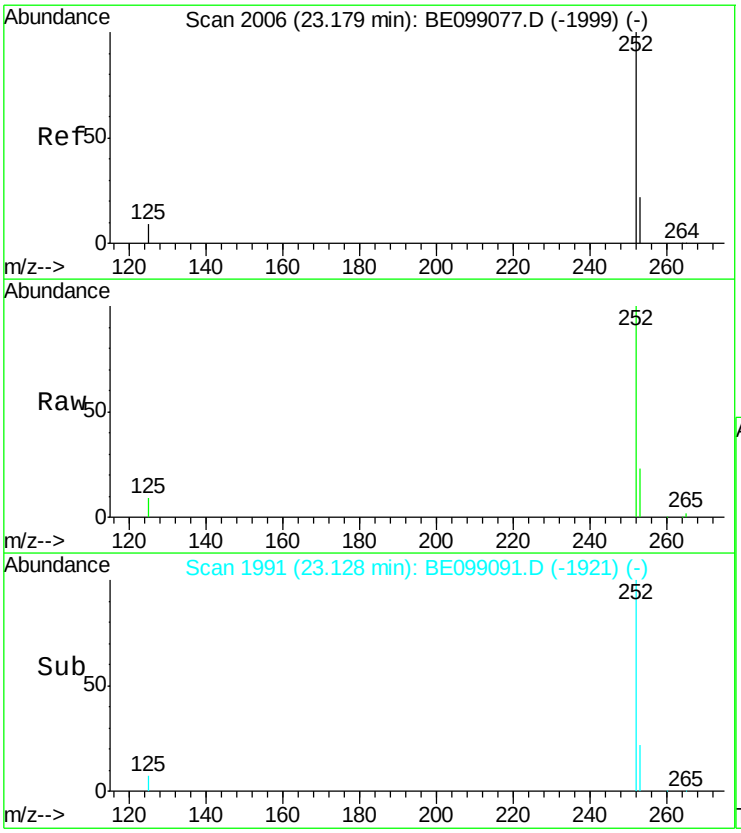
#35
Benzo(b)fluoranthene
Concen: 0.664 ng
RT: 23.13 min Scan# 1991
Delta R.T. -0.00 min
Lab File: BE099091.D
Acq: 22 Mar 2019 22:02

Instrument :
BNA_E
ClientSampleId :
INV-025-SW04-031319

Tgt Ion:252 Resp: 89656

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.2	27.2
125	8.9	7.3	10.9

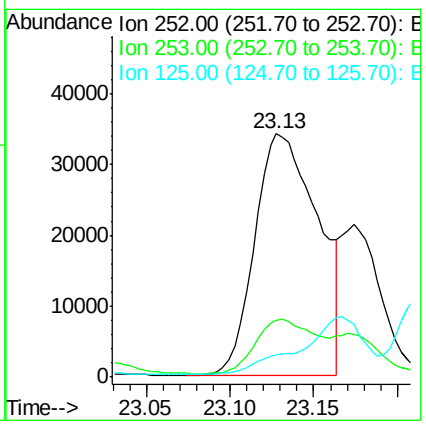


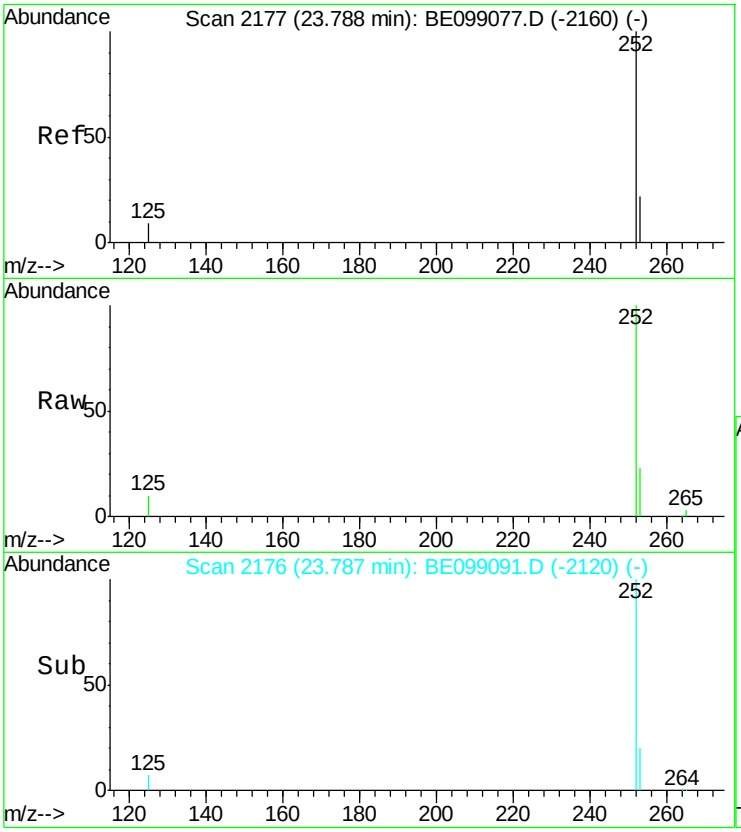


#36
Benzo(k)fluoranthene
Concen: 0.678 ng
RT: 23.13 min Scan# 1991
Delta R.T. -0.05 min
Lab File: BE099091.D
Acq: 22 Mar 2019 22:02

Tgt Ion:252 Resp: 89656

Ion	Ratio	Lower	Upper
252	100		
253	23.2	19.3	28.9
125	8.9	7.5	11.3



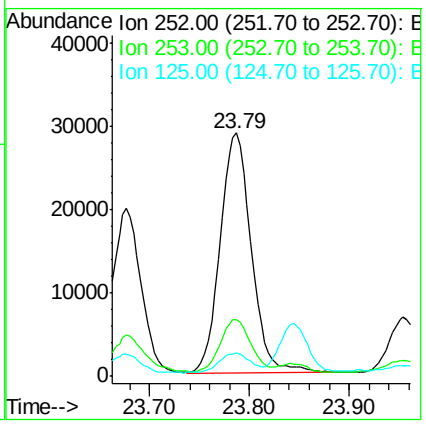


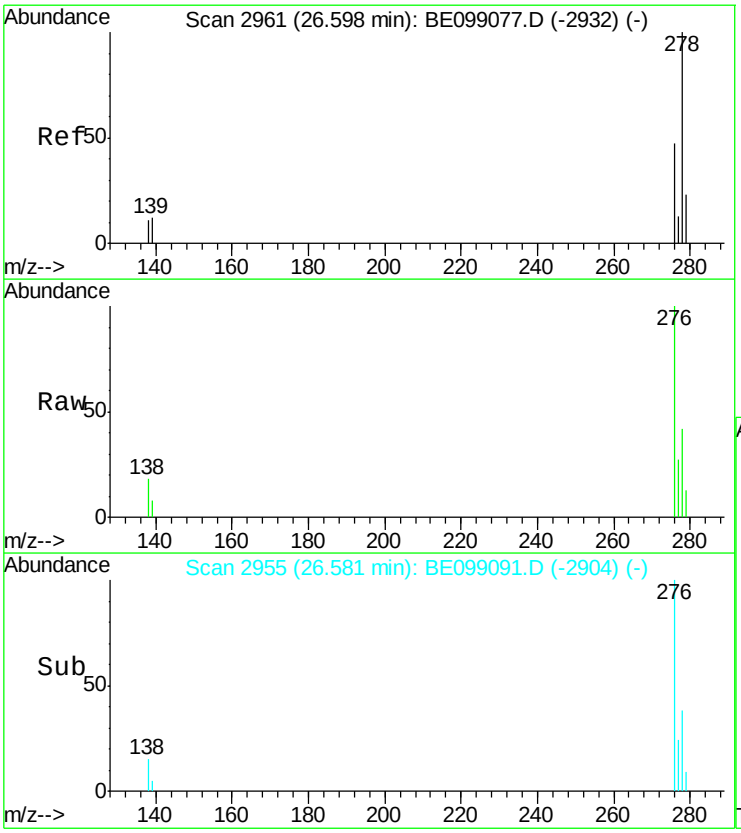
#37
Benzo(a)pyrene
Concen: 0.499 ng
RT: 23.79 min Scan# 2176
Delta R.T. -0.00 min
Lab File: BE099091.D
Acq: 22 Mar 2019 22:02

Instrument :
BNA_E
ClientSampleId :
INV-025-SW04-031319

Tgt Ion:252 Resp: 62270

Ion	Ratio	Lower	Upper
252	100		
253	23.3	19.9	29.9
125	9.7	9.0	13.4

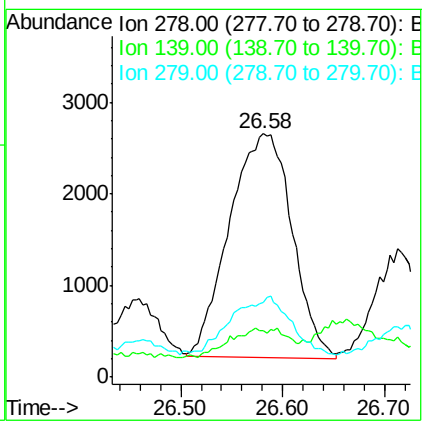


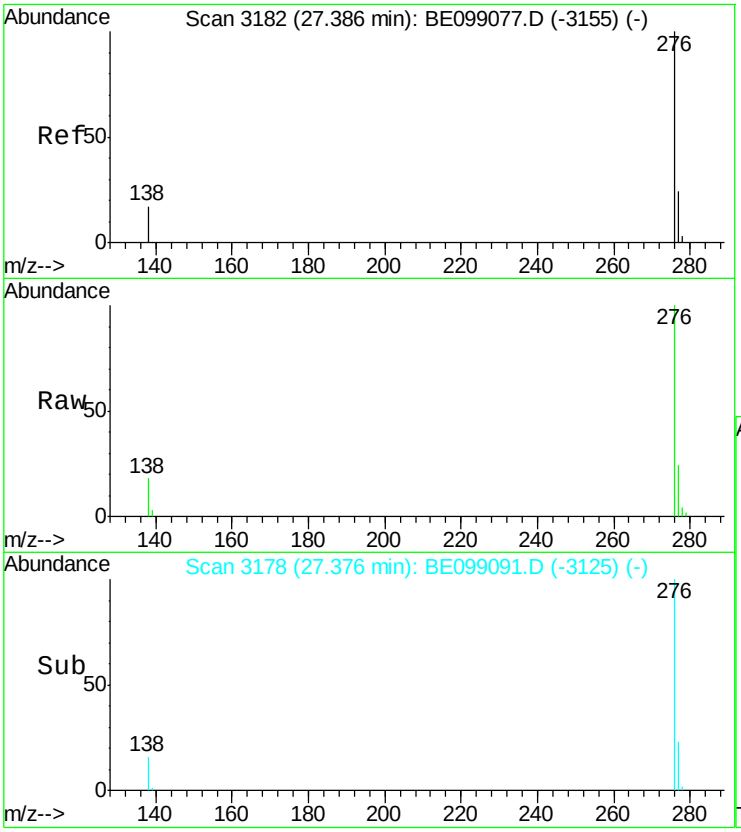


#38
Dibenzo(a,h)anthracene
Concen: 0.086 ng
RT: 26.58 min Scan# 2955
Delta R.T. -0.02 min
Lab File: BE099091.D
Acq: 22 Mar 2019 22:02

Tgt Ion:278 Resp: 10400

Ion	Ratio	Lower	Upper
278	100		
139	19.0	11.8	17.6#
279	30.8	21.1	31.7





#39
Benzo(g,h,i)perylene
Concen: 0.275 ng
RT: 27.38 min Scan# 3178
Delta R.T. -0.01 min
Lab File: BE099091.D
Acq: 22 Mar 2019 22:02

Instrument :
BNA_E
ClientSampleId :
INV-025-SW04-031319

Tgt Ion:276 Resp: 34259

Ion	Ratio	Lower	Upper
276	100		
277	24.3	20.4	30.6
138	17.9	13.6	20.4