Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032219\
Data File : BE099090.D
Acq On : 22 Mar 2019 21:26
Operator : JU/SJ
Sample : K1948-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : INV-025-SW03-031319

Quant Time: Mar 23 01:15:37 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	3485	0.40	ng		0.00
7) Naphthalene-d8	10.64	136	12900	0.40	ng		0.00
13) Acenaphthene-d10	14.49	164	8479	0.40	ng		0.00
19) Phenanthrene-d10	17.21	188	23240	0.40	ng		0.00
27) Chrysene-d12	21.39	240	34041	0.40	ng		0.00
34) Perylene-d12	23.90	264	39490	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.41	112	4446	0.43	ng		0.00
5) Phenol-d6	7.00	99	6318	0.42	ng		0.00
8) Nitrobenzene-d5	9.16	82	261	0.05	ng		0.17
11) 2-Methylnaphthalene-d10	12.22	152	8896	0.38	ng		-0.01
14) 2,4,6-Tribromophenol	15.96	330	1318	0.53	ng		0.00
15) 2-Fluorobiphenyl	13.12	172	12347	0.37	ng		0.00
25) Fluoranthene-d10	19.24	212	113565	0.37	ng		0.00
29) Terphenyl-d14	19.84	244	17282	0.24	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.34	88	115	0.021	ng	#	26
22) Pentachlorophenol	16.85	266	49	0.261	ng		95
23) Phenanthrene	17.25	178	4833	0.070	ng		96
26) Fluoranthene	19.27	202	10085	0.104	ng	#	97
28) Pyrene	19.63	202	10143	0.088	ng		95
30) Benzo(a)anthracene	21.43	228	7423	0.062	ng		95
31) Chrysene	21.43	228	7361	0.061	ng		95
32) Bis(2-ethylhexyl)phthalate	21.31	149	30335	0.195	ng	#	99
33) Indeno(1,2,3-cd)pyrene	26.55	276	4636	0.036	ng	#	90
35) Benzo(b)fluoranthene	23.13	252	9927	0.073	ng	#	84
36) Benzo(k)fluoranthene	23.13	252	9927	0.074	ng	#	86
37) Benzo(a)pyrene	23.78	252	6363	0.050	ng	#	87
39) Benzo(g,h,i)perylene	27.38	276	4625	0.037	ng	#	89

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032219\
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INV-025-SW03-031319

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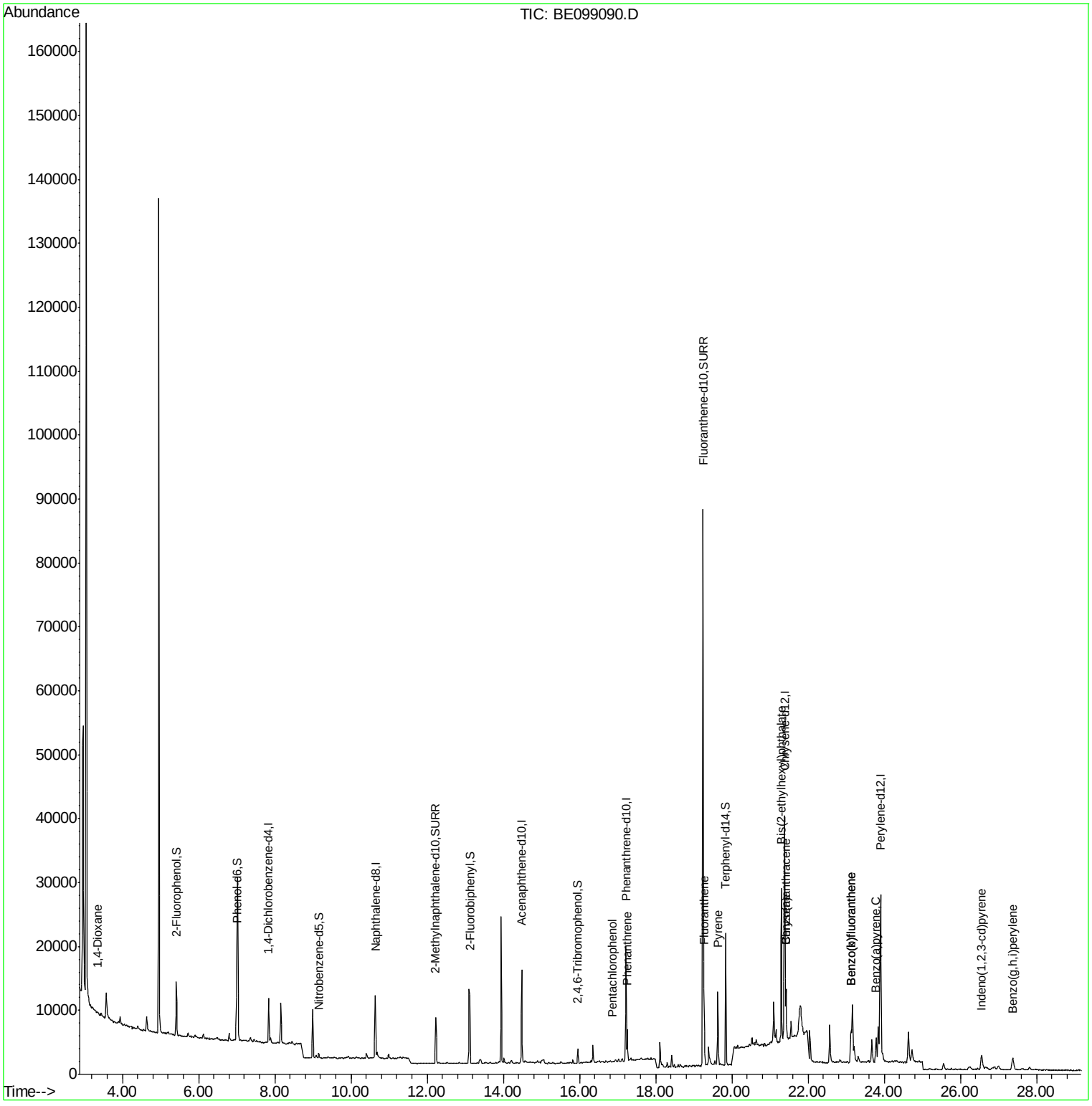
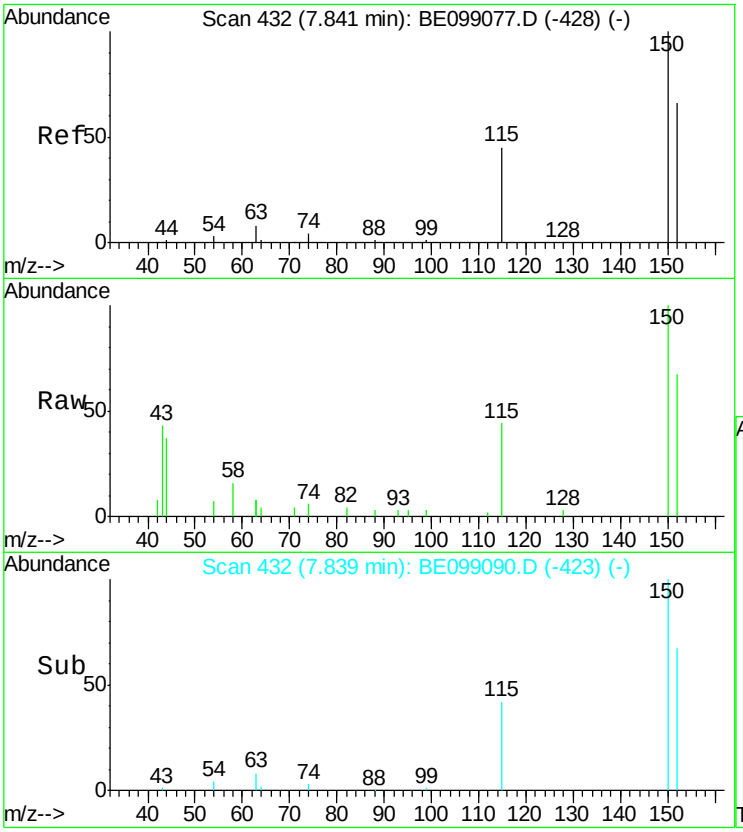
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 23 00:46:37 2019
Response via : Initial Calibration



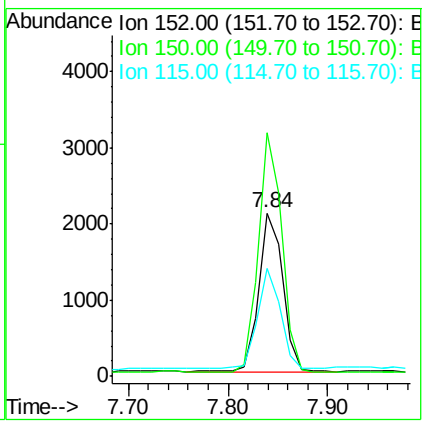


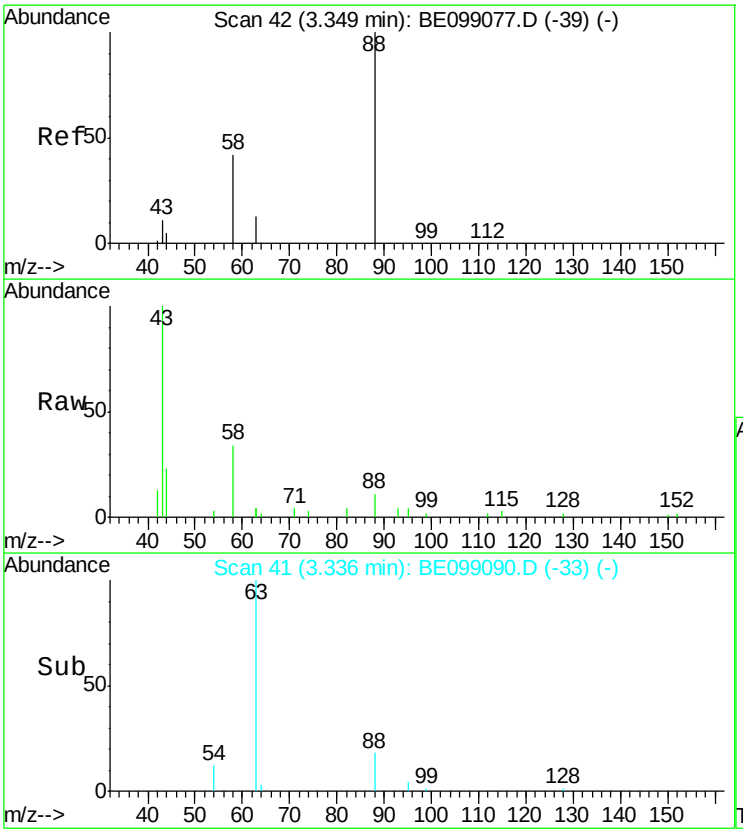
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.84 min Scan# 432
Delta R.T. -0.00 min
Lab File: BE099090.D
Acq: 22 Mar 2019 21:26

Instrument :
BNA_E
ClientSampleId :
INV-025-SW03-031319

Tgt Ion:152 Resp: 3485

Ion	Ratio	Lower	Upper
152	100		
150	148.8	122.5	183.7
115	66.1	57.4	86.2

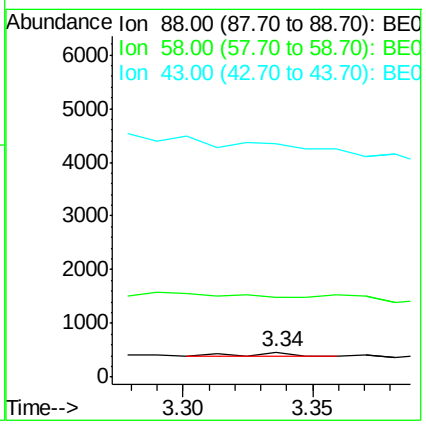


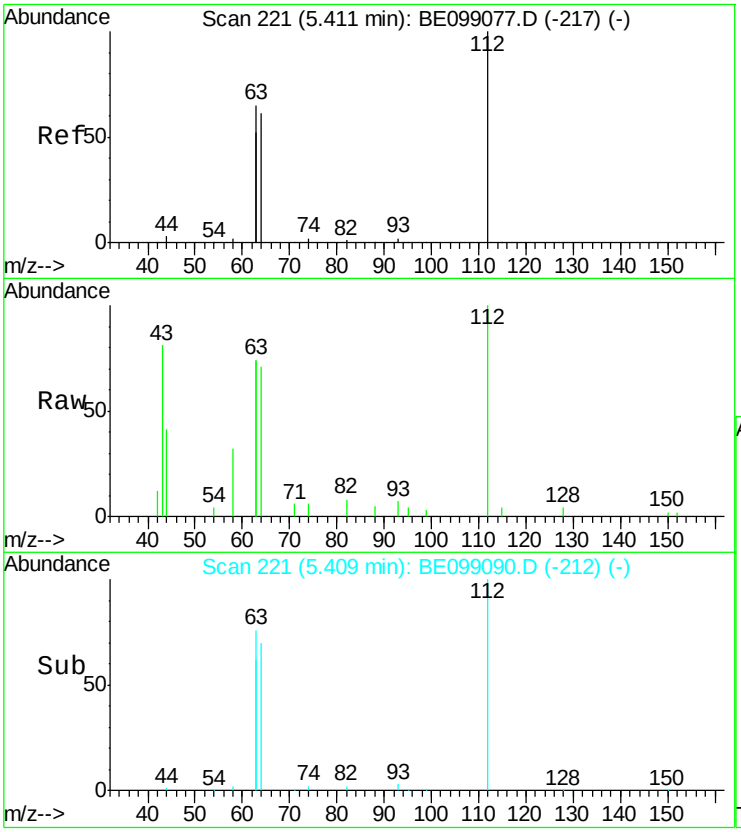


#2
1,4-Dioxane
Concen: 0.021 ng
RT: 3.34 min Scan# 41
Delta R.T. -0.01 min
Lab File: BE099090.D
Acq: 22 Mar 2019 21:26

Tgt Ion: 88 Resp: 115

Ion	Ratio	Lower	Upper
88	100		
58	0.0	52.0	78.0#
43	0.0	24.0	36.0#



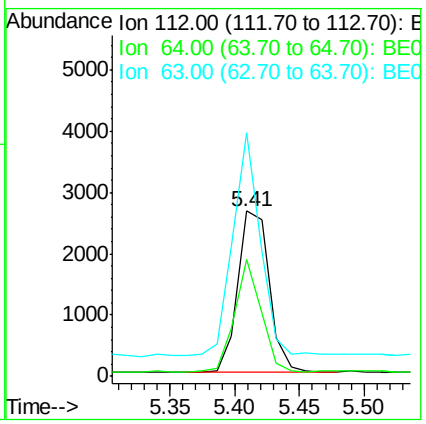


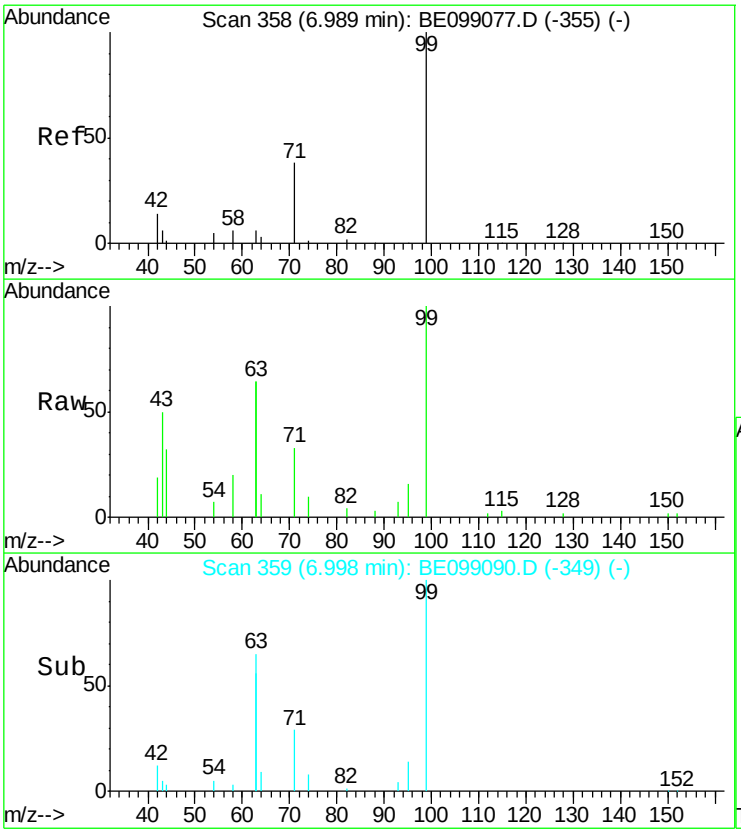
#4
2-Fluorophenol
Concen: 0.428 ng
RT: 5.41 min Scan# 221
Delta R.T. -0.00 min
Lab File: BE099090.D
Acq: 22 Mar 2019 21:26

Instrument :
BNA_E
ClientSampleId :
INV-025-SW03-031319

Tgt Ion:112 Resp: 4446

Ion	Ratio	Lower	Upper
112	100		
64	58.2	57.9	86.9
63	124.2	158.3	237.5#

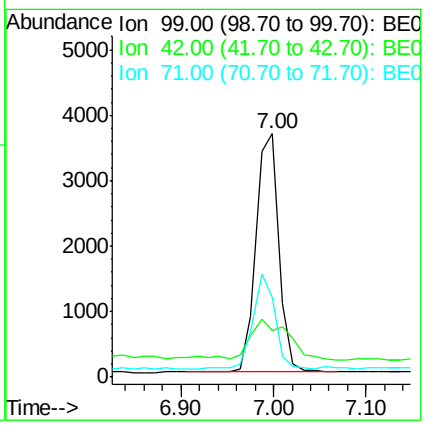


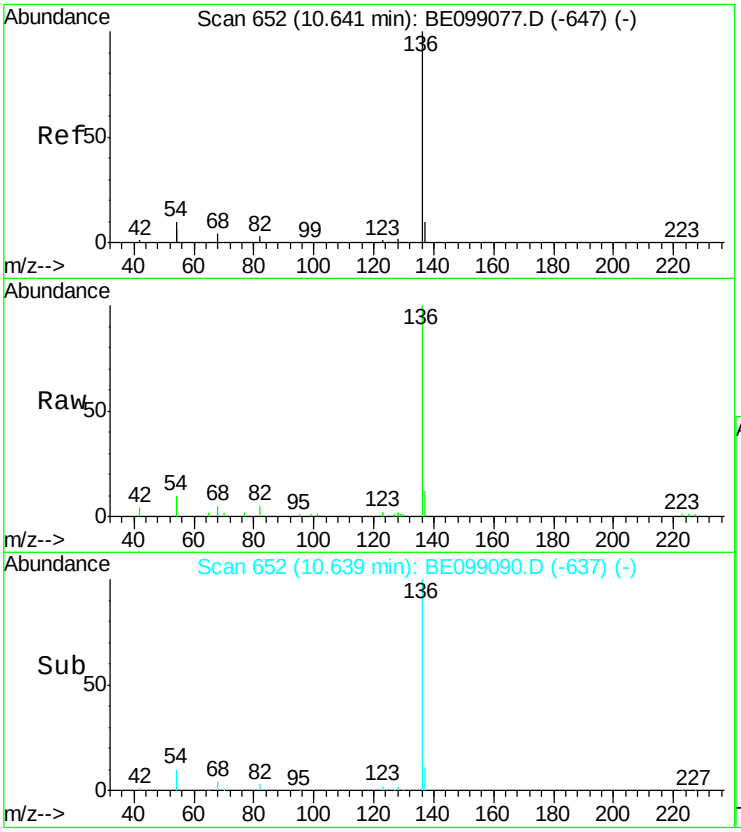


#5
Phenol-d6
Concen: 0.423 ng
RT: 7.00 min Scan# 359
Delta R.T. 0.01 min
Lab File: BE099090.D
Acq: 22 Mar 2019 21:26

Tgt Ion: 99 Resp: 6318

Ion	Ratio	Lower	Upper
99	100		
42	29.1	24.2	36.2
71	38.6	35.7	53.5



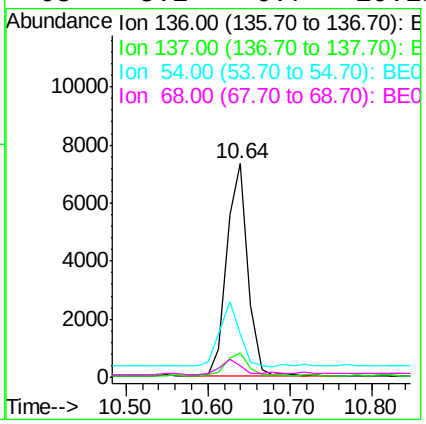


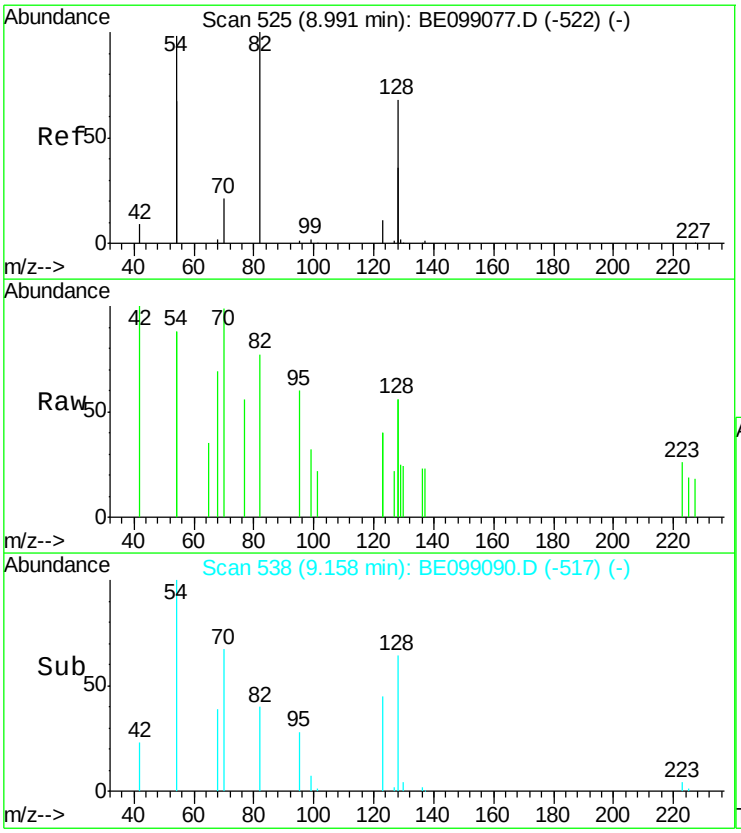
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.64 min Scan# 652
Delta R.T. -0.00 min
Lab File: BE099090.D
Acq: 22 Mar 2019 21:26

Instrument :
BNA_E
ClientSampleId :
INV-025-SW03-031319

Tgt Ion:136 Resp: 12900

Ion	Ratio	Lower	Upper
136	100		
137	11.6	11.4	17.0
54	20.2	39.3	58.9#
68	5.2	6.7	10.1#

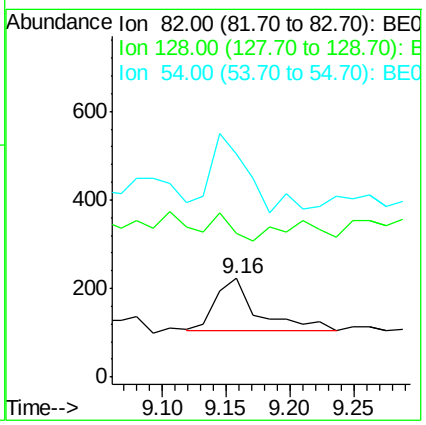


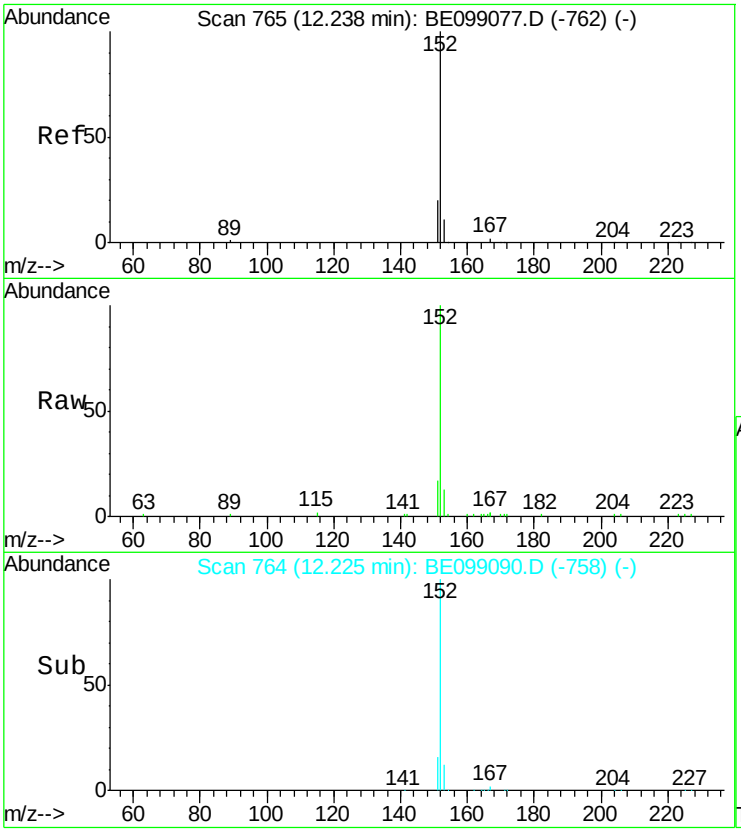


#8
Nitrobenzene-d5
Concen: 0.046 ng
RT: 9.16 min Scan# 538
Delta R.T. 0.17 min
Lab File: BE099090.D
Acq: 22 Mar 2019 21:26

Tgt Ion: 82 Resp: 261

Ion	Ratio	Lower	Upper
82	100		
128	145.3	123.8	185.8
54	226.0	203.4	305.2



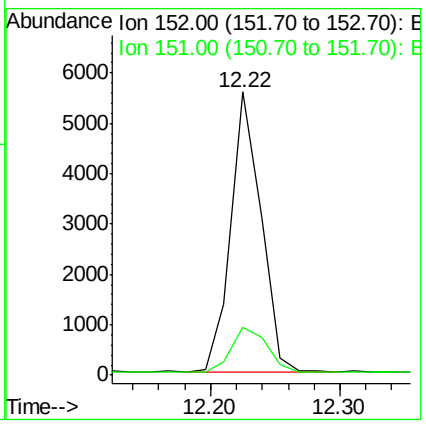


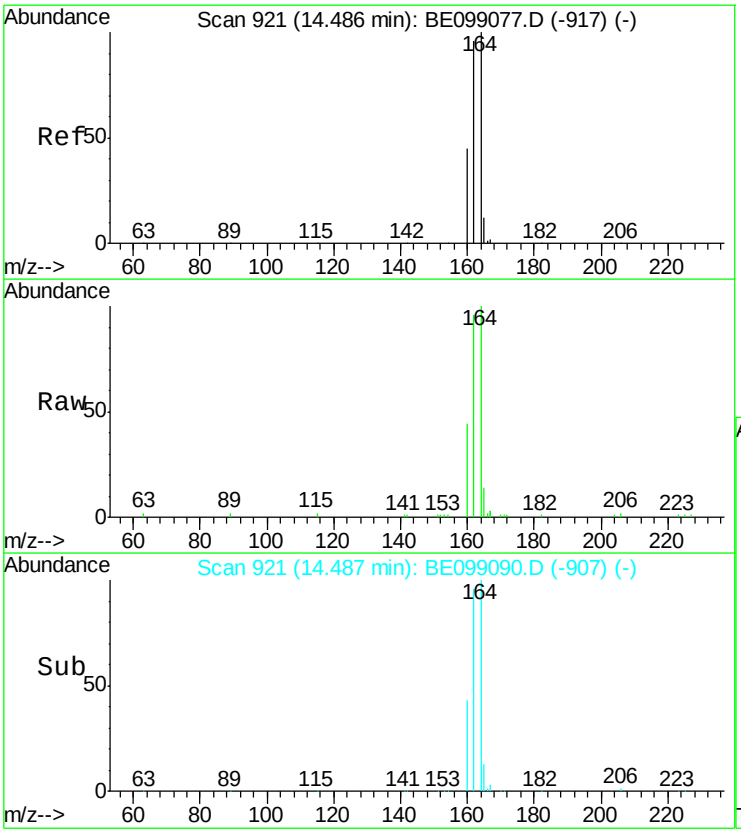
#11
2-Methylnaphthalene-d10
Concen: 0.383 ng
RT: 12.22 min Scan# 764
Delta R.T. -0.01 min
Lab File: BE099090.D
Acq: 22 Mar 2019 21:26

Instrument :
BNA_E
ClientSampleId :
INV-025-SW03-031319

Tgt Ion:152 Resp: 8896

Ion	Ratio	Lower	Upper
152	100		
151	19.1	16.5	24.7

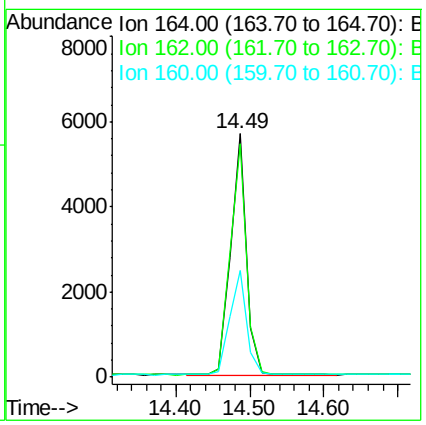


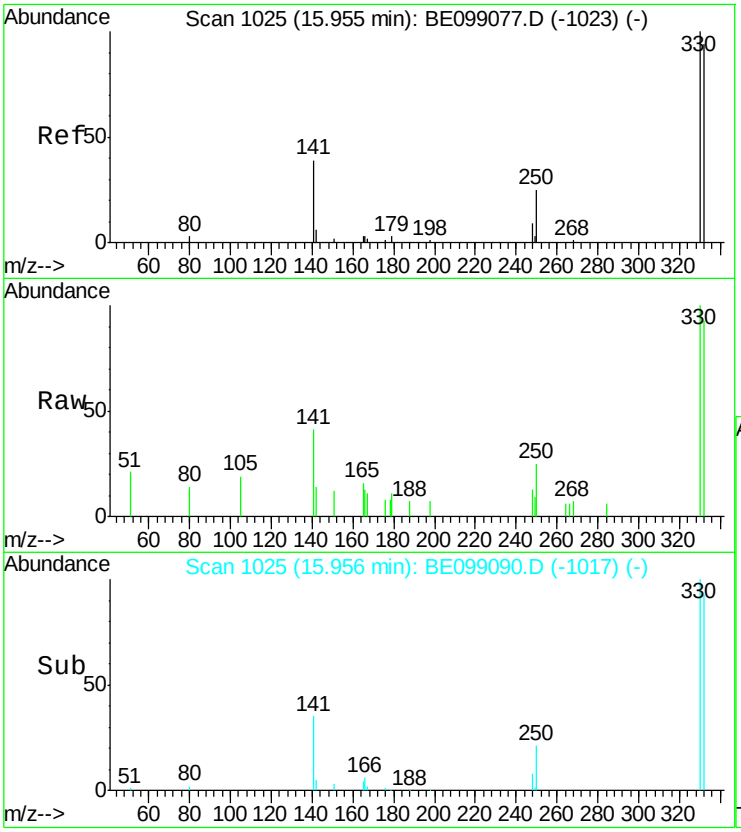


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. 0.00 min
Lab File: BE099090.D
Acq: 22 Mar 2019 21:26

Tgt Ion:164 Resp: 8479

Ion	Ratio	Lower	Upper
164	100		
162	95.8	80.2	120.2
160	43.8	37.8	56.8



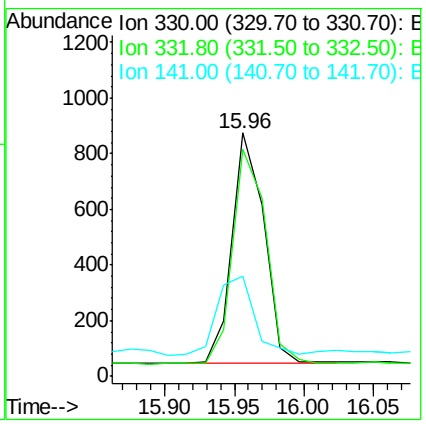


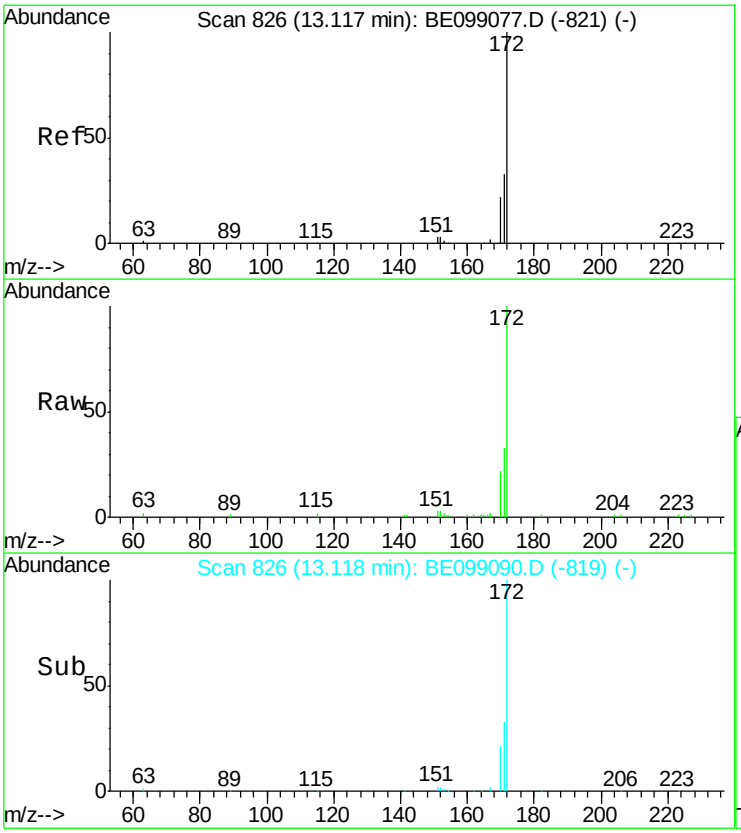
#14
2,4,6-Tribromophenol
Concen: 0.529 ng
RT: 15.96 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BE099090.D
Acq: 22 Mar 2019 21:26

Instrument :
BNA_E
ClientSampleId :
INV-025-SW03-031319

Tgt Ion:330 Resp: 1318

Ion	Ratio	Lower	Upper
330	100		
332	98.2	77.6	116.4
141	40.1	31.0	46.4

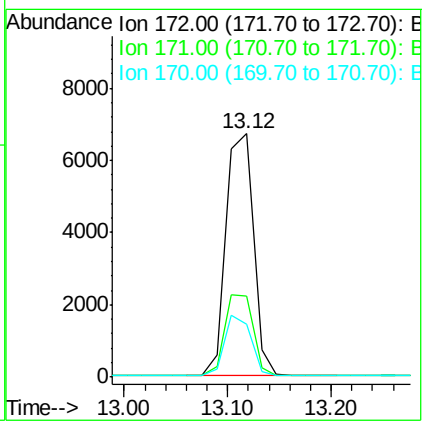


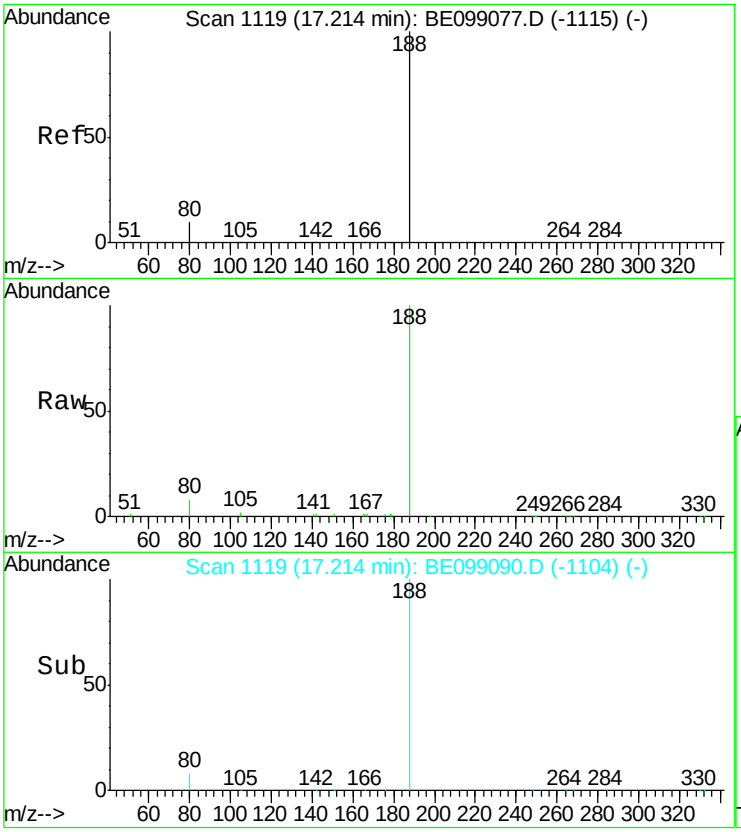


#15
2-Fluorobiphenyl
Concen: 0.366 ng
RT: 13.12 min Scan# 826
Delta R.T. 0.00 min
Lab File: BE099090.D
Acq: 22 Mar 2019 21:26

Tgt Ion:172 Resp: 12347

Ion	Ratio	Lower	Upper
172	100		
171	33.1	28.0	42.0
170	21.9	17.7	26.5



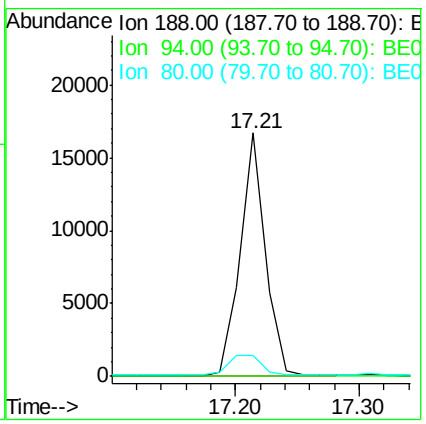


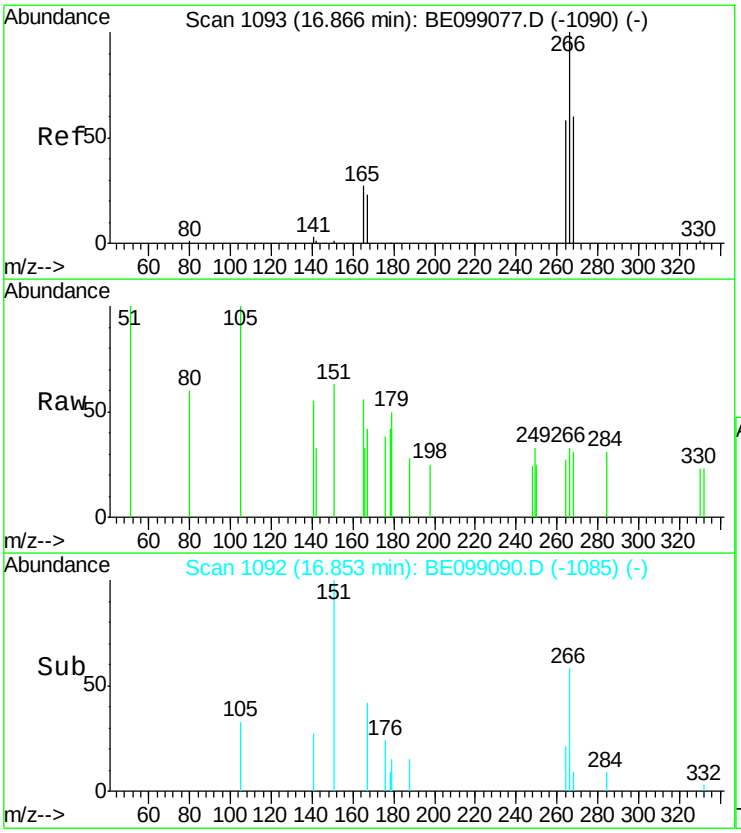
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BE099090.D
Acq: 22 Mar 2019 21:26

Instrument :
BNA_E
ClientSampleId :
INV-025-SW03-031319

Tgt Ion:188 Resp: 23240

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.5	6.3	9.5

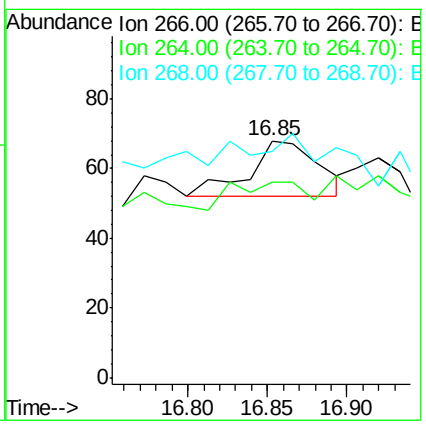


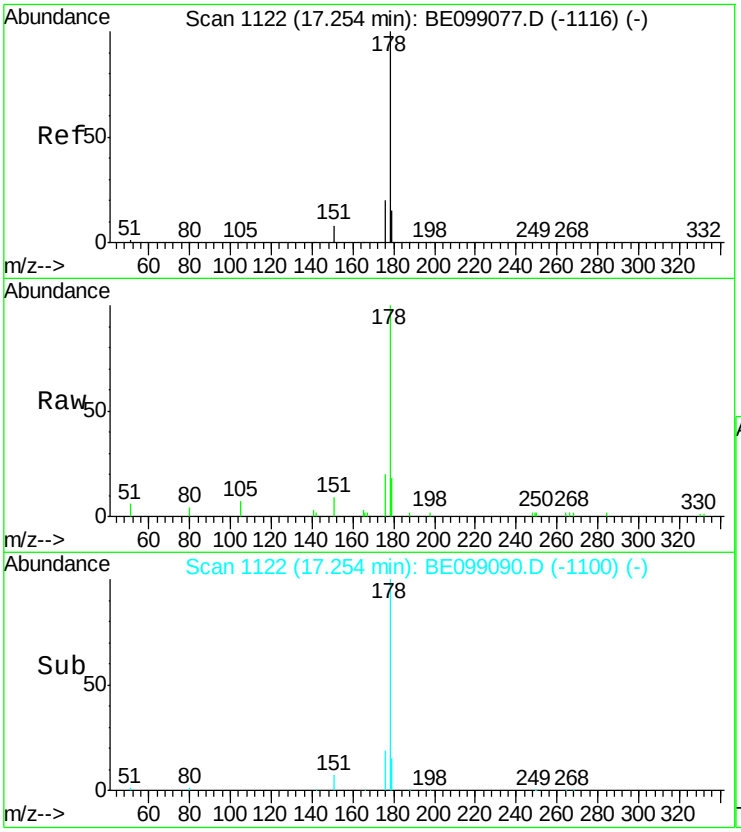


#22
Pentachlorophenol
Concen: 0.261 ng
RT: 16.85 min Scan# 1092
Delta R.T. -0.01 min
Lab File: BE099090.D
Acq: 22 Mar 2019 21:26

Tgt Ion:266 Resp: 49

Ion	Ratio	Lower	Upper
266	100		
264	82.4	66.6	100.0
268	95.6	69.8	104.8



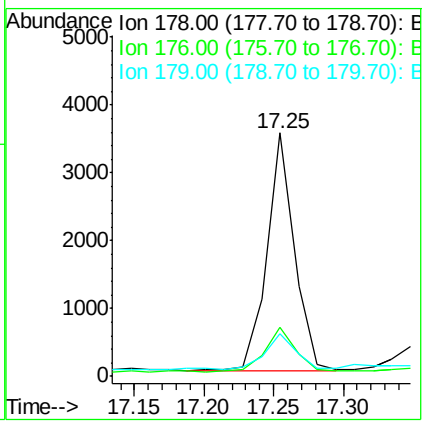


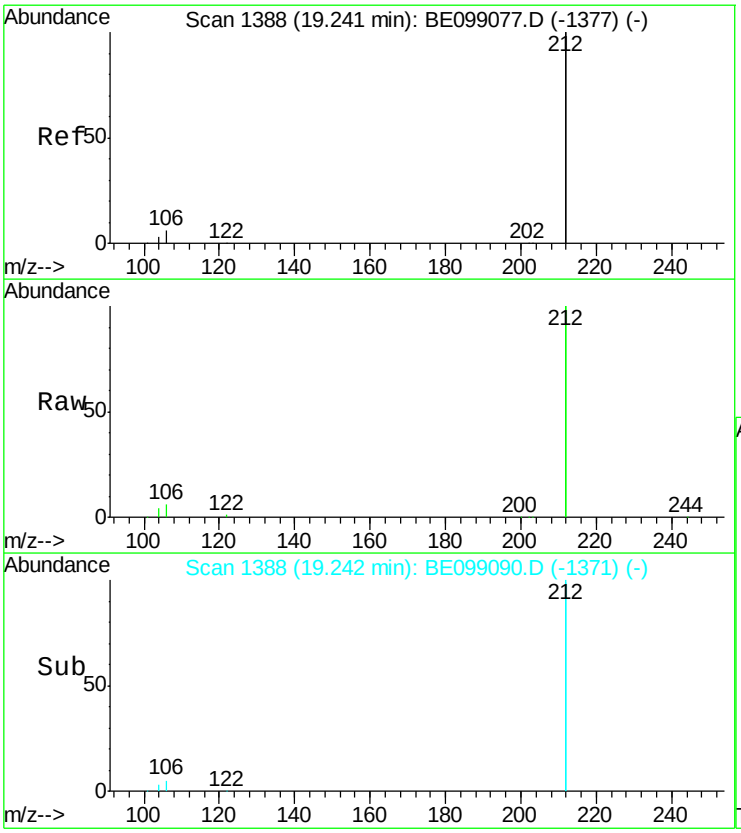
#23
Phenanthrene
Concen: 0.070 ng
RT: 17.25 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BE099090.D
Acq: 22 Mar 2019 21:26

Instrument :
BNA_E
ClientSampleId :
INV-025-SW03-031319

Tgt Ion:178 Resp: 4833

Ion	Ratio	Lower	Upper
178	100		
176	21.6	16.0	24.0
179	17.5	12.1	18.1

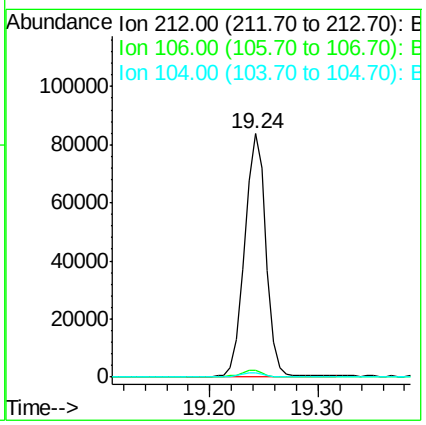


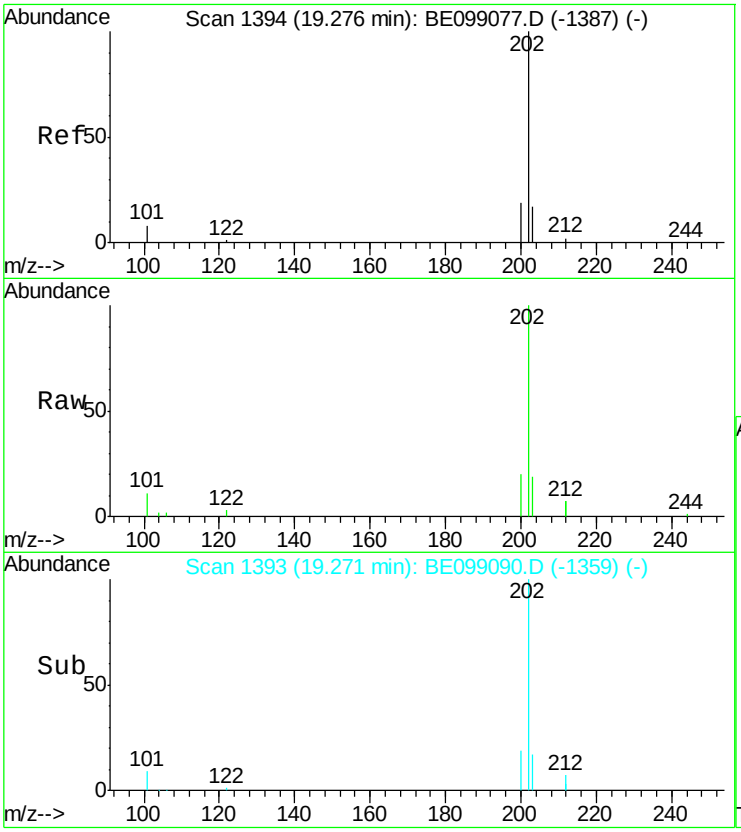


#25
Fluoranthene-d10
Concen: 0.366 ng
RT: 19.24 min Scan# 1388
Delta R.T. 0.00 min
Lab File: BE099090.D
Acq: 22 Mar 2019 21:26

Tgt Ion:212 Resp: 113565

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



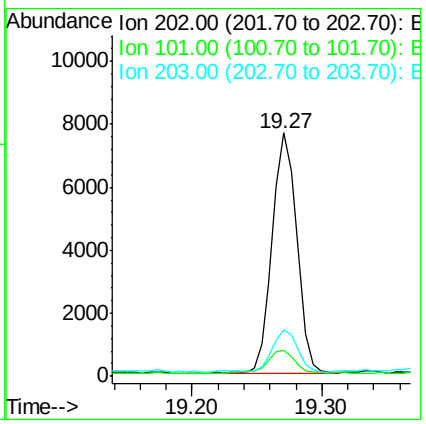


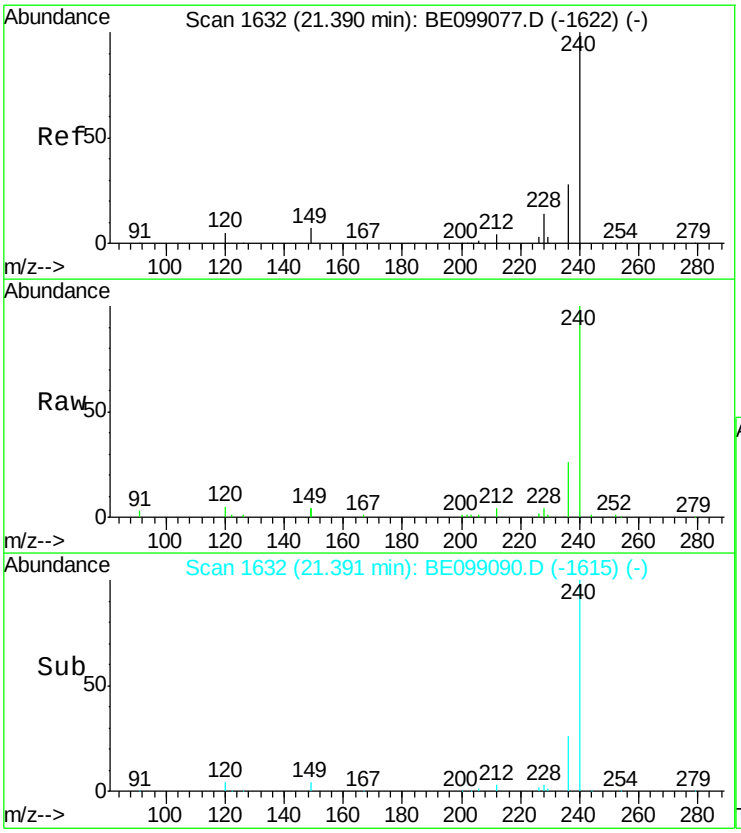
#26
Fluoranthene
Concen: 0.104 ng
RT: 19.27 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BE099090.D
Acq: 22 Mar 2019 21:26

Instrument :
BNA_E
ClientSampleId :
INV-025-SW03-031319

Tgt Ion:202 Resp: 10085

Ion	Ratio	Lower	Upper
202	100		
101	11.0	7.3	10.9#
203	17.4	13.4	20.2

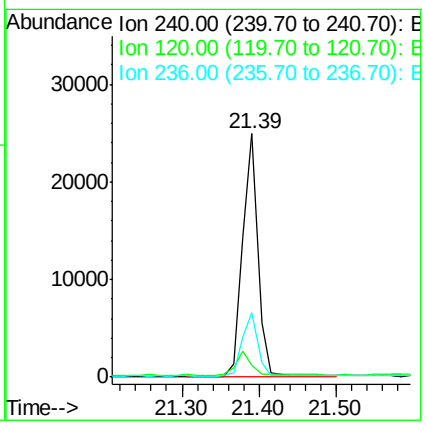


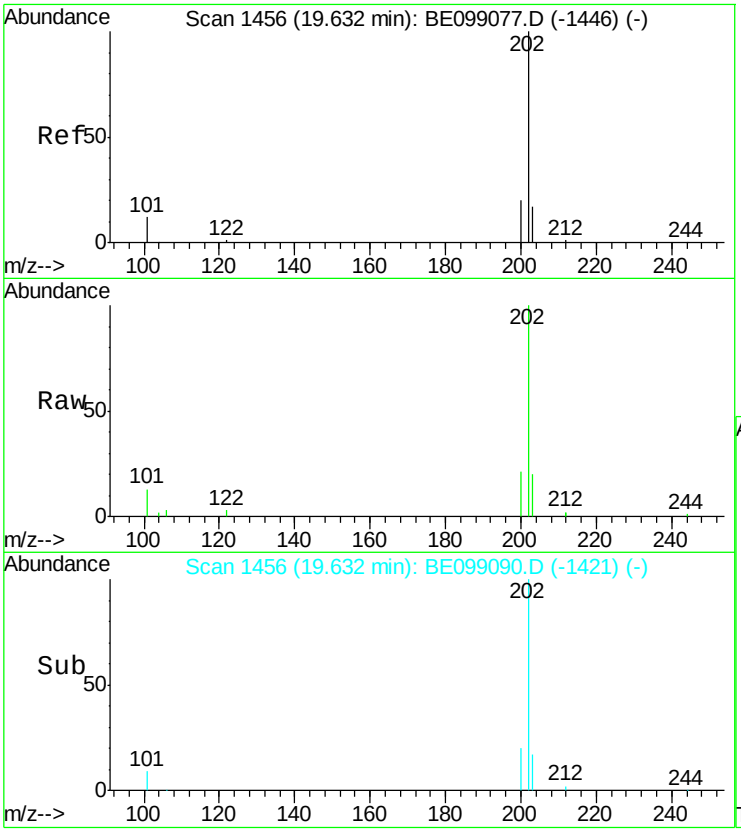


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.39 min Scan# 1632
Delta R.T. 0.00 min
Lab File: BE099090.D
Acq: 22 Mar 2019 21:26

Tgt Ion:240 Resp: 34041

Ion	Ratio	Lower	Upper
240	100		
120	4.9	5.0	7.4#
236	26.5	22.7	34.1



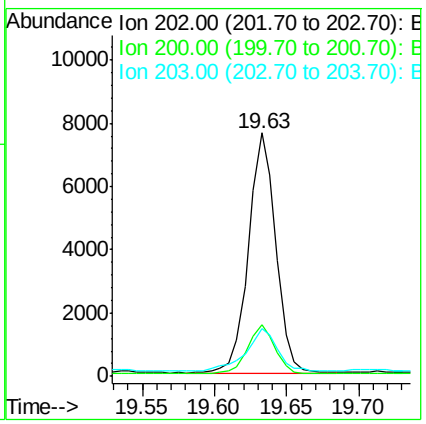


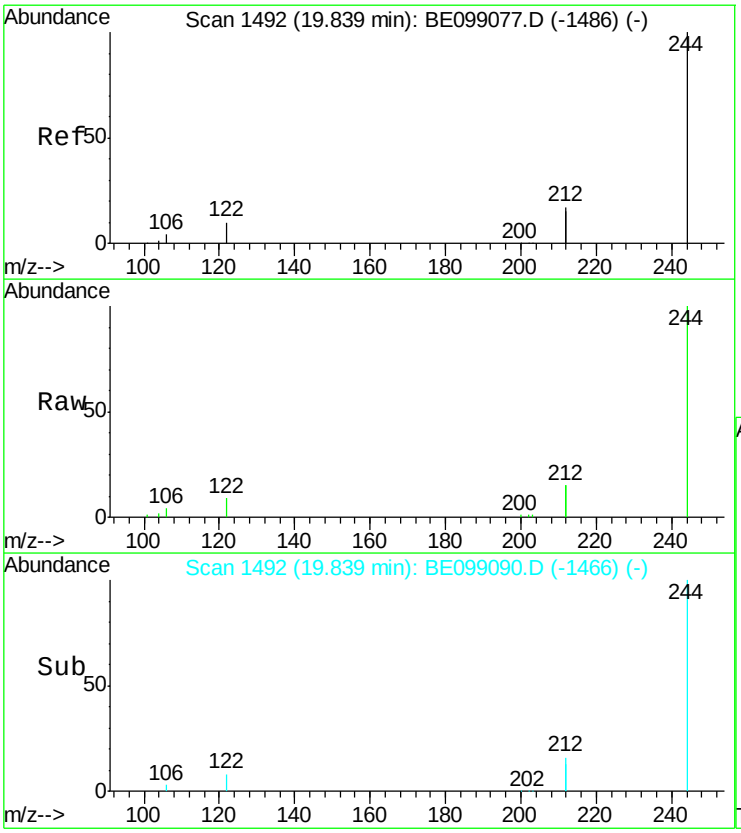
#28
Pyrene
Concen: 0.088 ng
RT: 19.63 min Scan# 1456
Delta R.T. 0.00 min
Lab File: BE099090.D
Acq: 22 Mar 2019 21:26

Instrument :
BNA_E
ClientSampleId :
INV-025-SW03-031319

Tgt Ion:202 Resp: 10143

Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.0	25.6
203	21.0	14.2	21.2

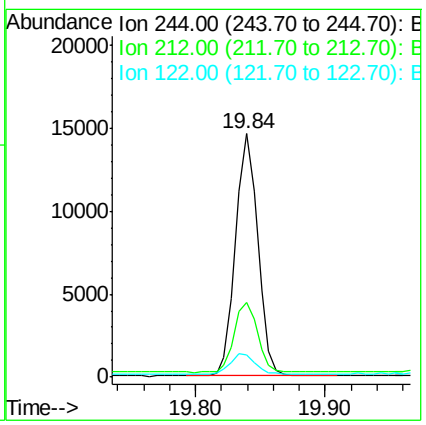


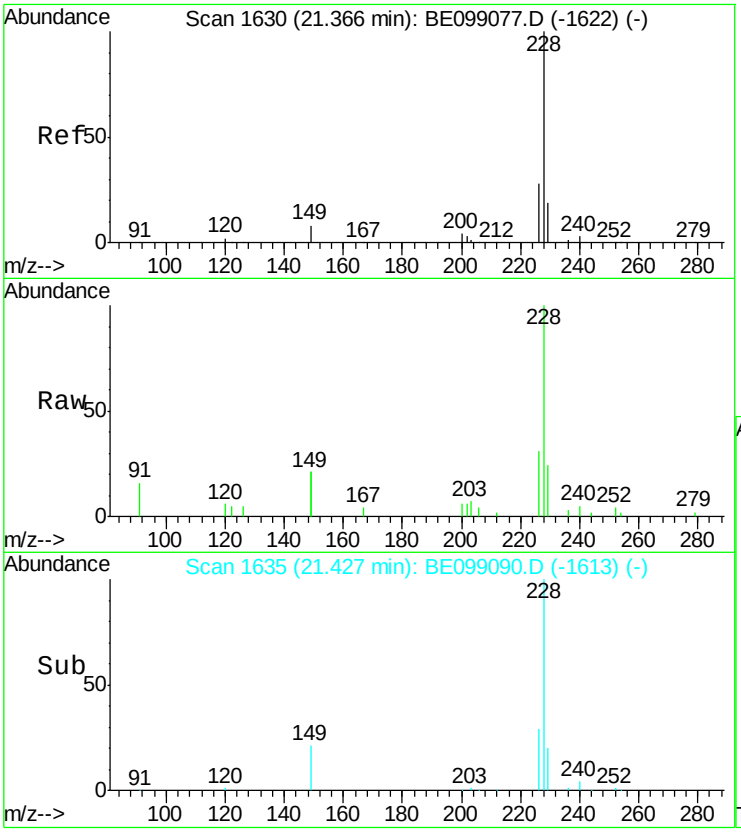


#29
Terphenyl-d14
Concen: 0.240 ng
RT: 19.84 min Scan# 1492
Delta R.T. 0.00 min
Lab File: BE099090.D
Acq: 22 Mar 2019 21:26

Tgt Ion:244 Resp: 17282

Ion	Ratio	Lower	Upper
244	100		
212	30.9	29.4	44.2
122	9.2	7.1	10.7



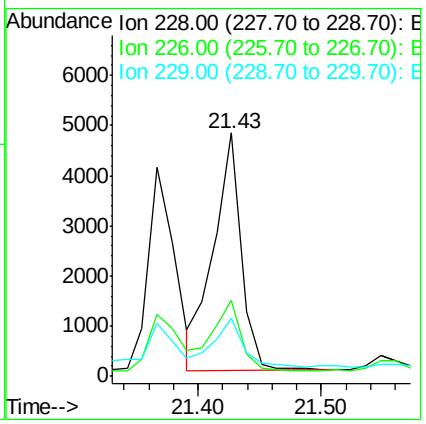


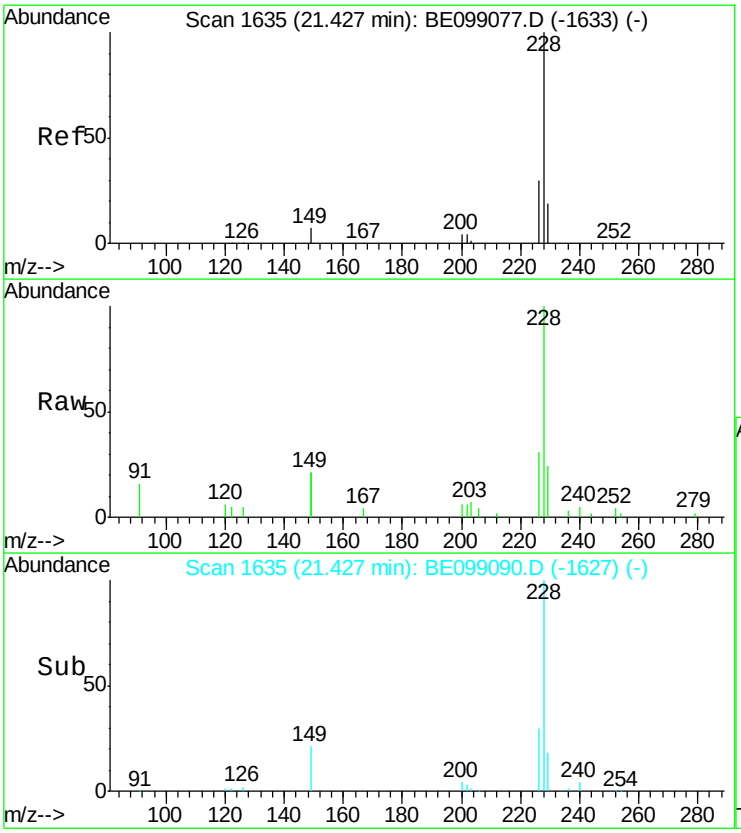
#30
Benzo(a)anthracene
Concen: 0.062 ng
RT: 21.43 min Scan# 1635
Delta R.T. 0.06 min
Lab File: BE099090.D
Acq: 22 Mar 2019 21:26

Instrument :
BNA_E
ClientSampleId :
INV-025-SW03-031319

Tgt Ion:228 Resp: 7423

Ion	Ratio	Lower	Upper
228	100		
226	31.1	23.0	34.4
229	23.7	16.5	24.7

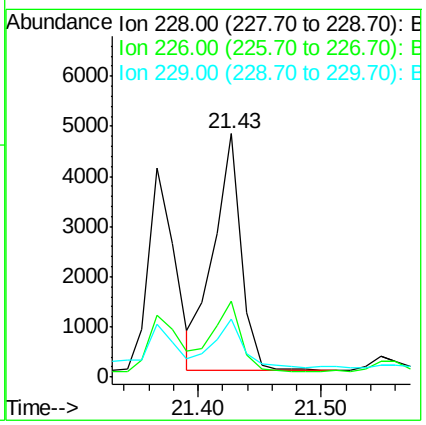


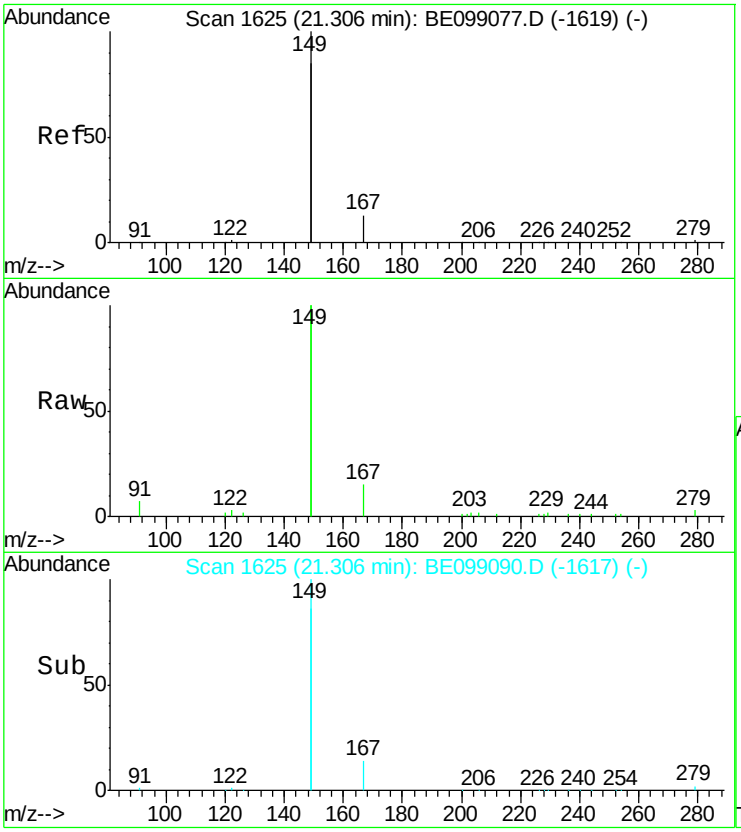


#31
Chrysene
Concen: 0.061 ng
RT: 21.43 min Scan# 1635
Delta R.T. 0.00 min
Lab File: BE099090.D
Acq: 22 Mar 2019 21:26

Tgt Ion:228 Resp: 7361

Ion	Ratio	Lower	Upper
228	100		
226	31.1	23.7	35.5
229	23.7	16.1	24.1



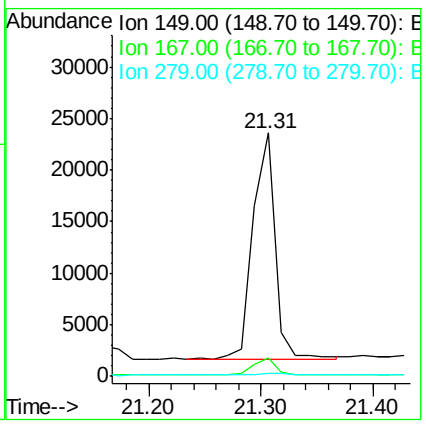


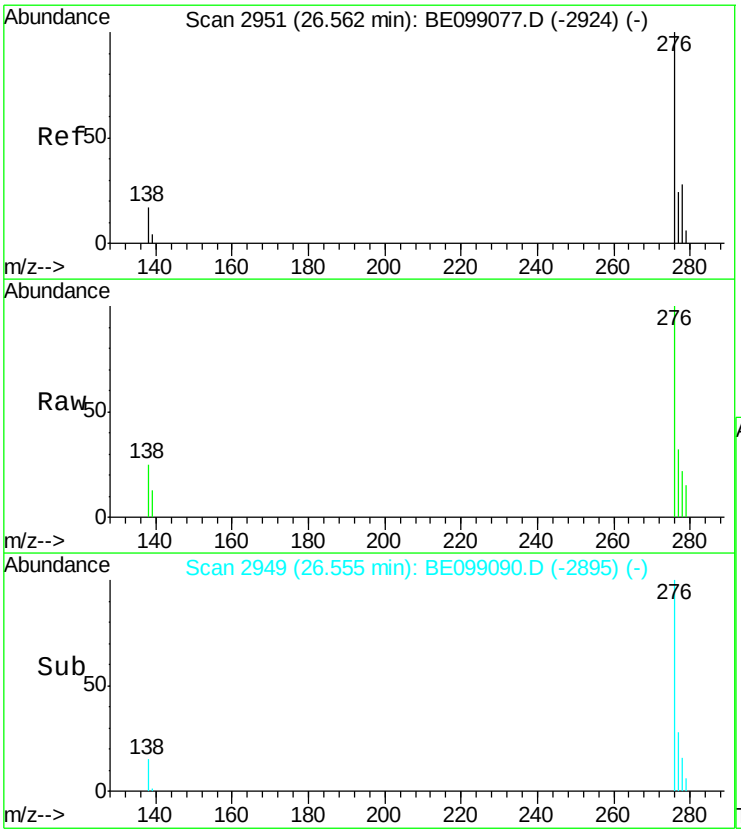
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.195 ng
RT: 21.31 min Scan# 1625
Delta R.T. 0.00 min
Lab File: BE099090.D
Acq: 22 Mar 2019 21:26

Instrument :
BNA_E
ClientSampleId :
INV-025-SW03-031319

Tgt Ion:149 Resp: 30335

Ion	Ratio	Lower	Upper
149	100		
167	7.1	5.4	8.0
279	1.0	1.0	1.4#

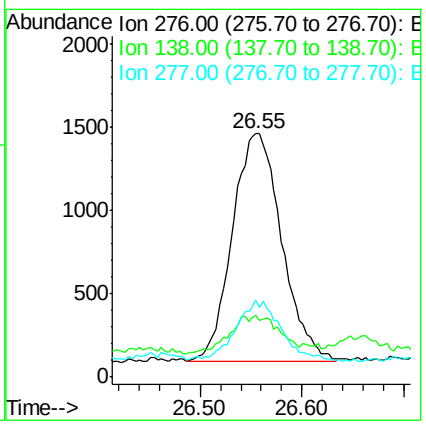


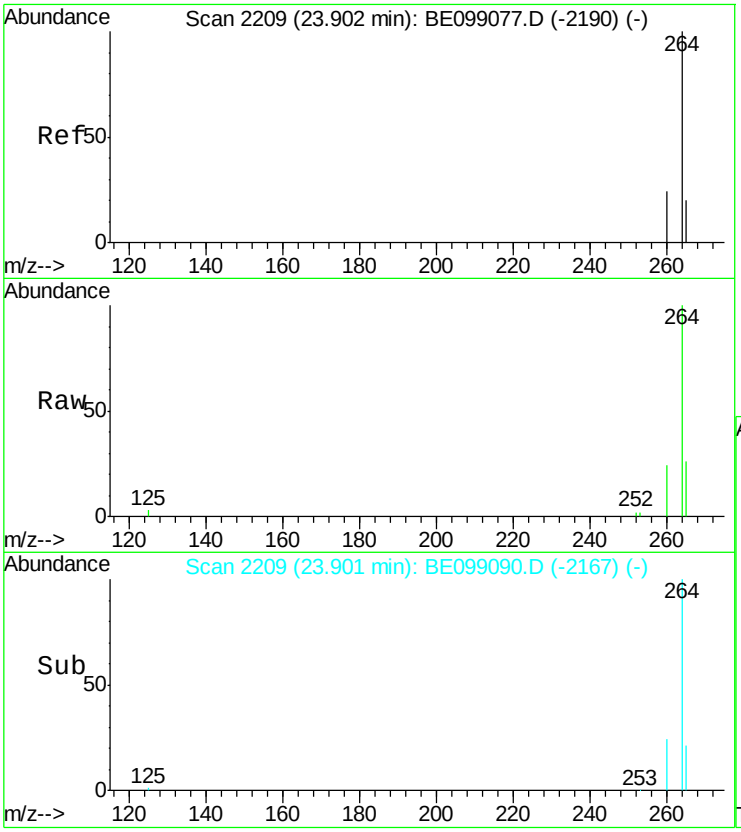


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.036 ng
RT: 26.55 min Scan# 2949
Delta R.T. -0.01 min
Lab File: BE099090.D
Acq: 22 Mar 2019 21:26

Tgt Ion:276 Resp: 4636

Ion	Ratio	Lower	Upper
276	100		
138	6.9	13.8	20.8#
277	24.2	19.5	29.3



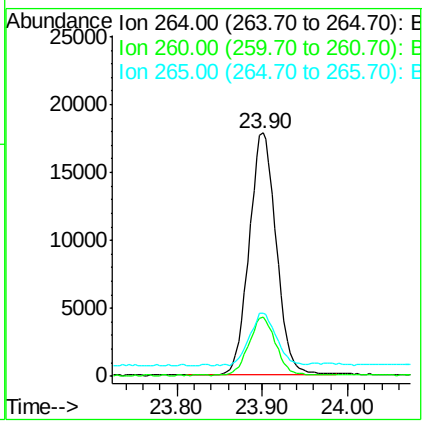


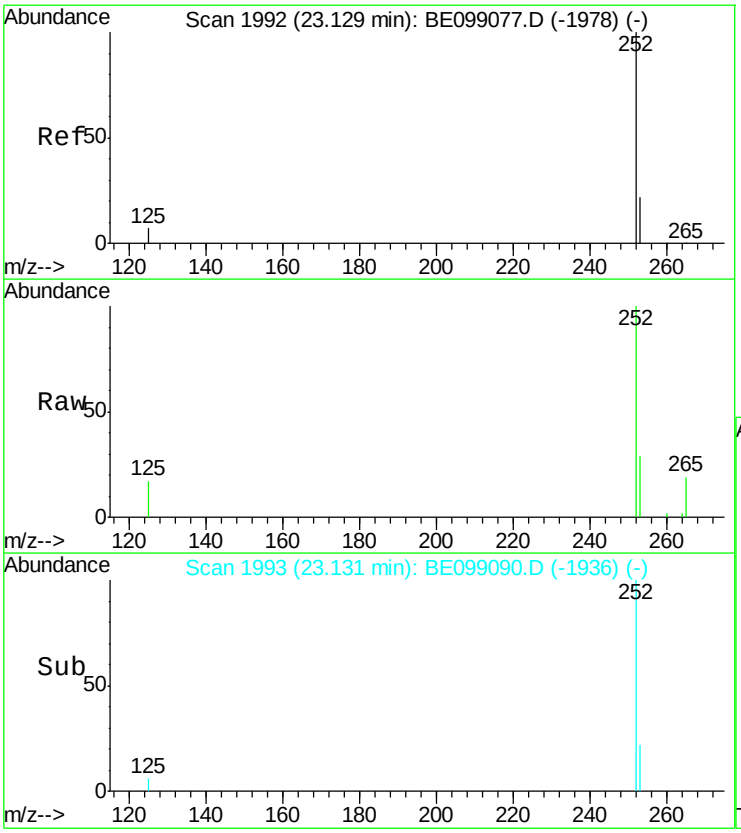
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.90 min Scan# 2209
Delta R.T. -0.00 min
Lab File: BE099090.D
Acq: 22 Mar 2019 21:26

Instrument :
BNA_E
ClientSampleId :
INV-025-SW03-031319

Tgt Ion:264 Resp: 39490

Ion	Ratio	Lower	Upper
264	100		
260	24.1	21.2	31.8
265	25.7	24.6	36.8

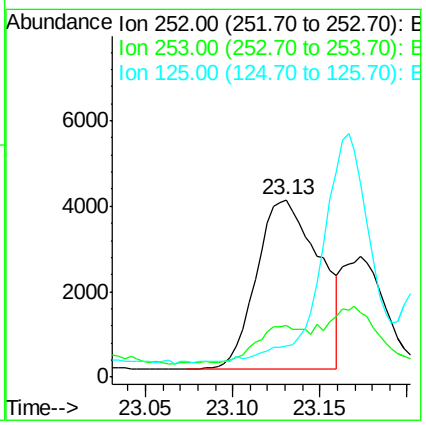


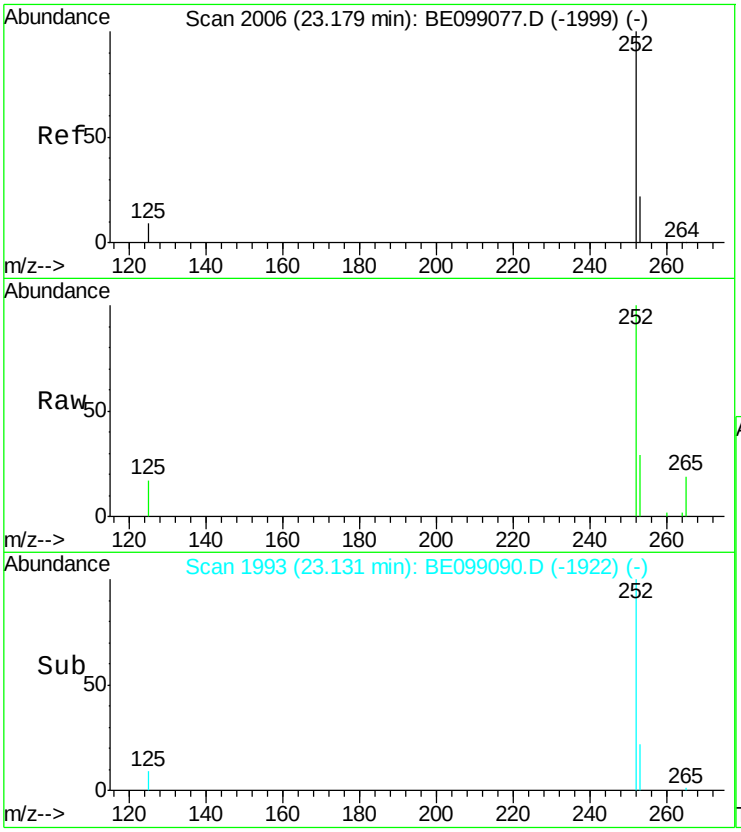


#35
Benzo(b)fluoranthene
Concen: 0.073 ng
RT: 23.13 min Scan# 1993
Delta R.T. 0.00 min
Lab File: BE099090.D
Acq: 22 Mar 2019 21:26

Tgt Ion:252 Resp: 9927

Ion	Ratio	Lower	Upper
252	100		
253	29.2	18.2	27.2#
125	17.5	7.3	10.9#



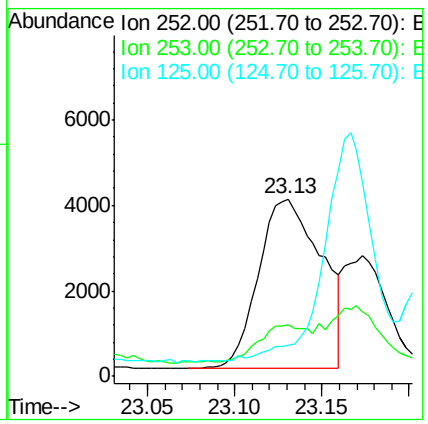


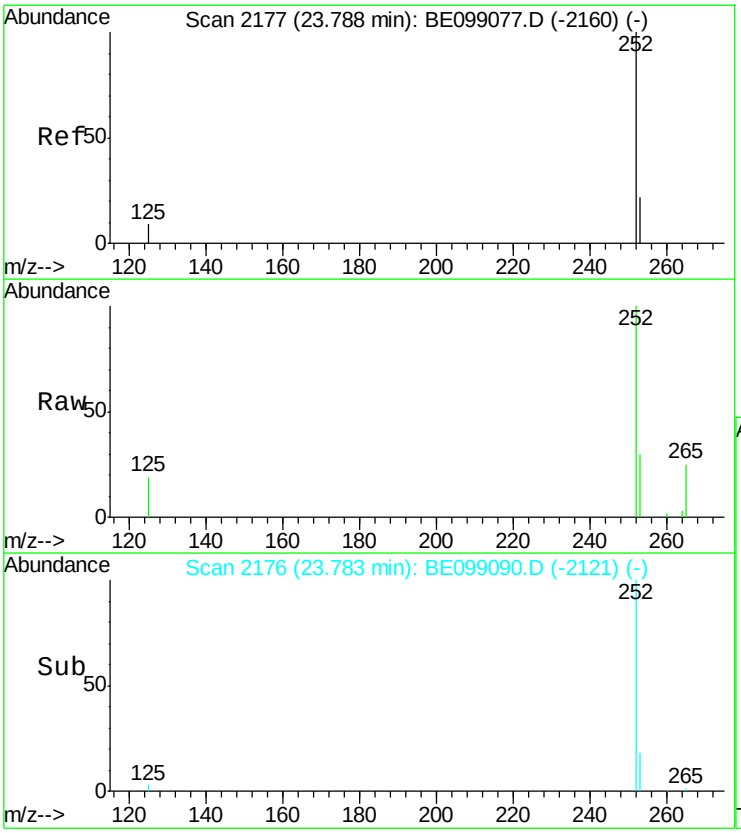
#36
Benzo(k)fluoranthene
Concen: 0.074 ng
RT: 23.13 min Scan# 1993
Delta R.T. -0.05 min
Lab File: BE099090.D
Acq: 22 Mar 2019 21:26

Instrument :
BNA_E
ClientSampleId :
INV-025-SW03-031319

Tgt Ion:252 Resp: 9927

Ion	Ratio	Lower	Upper
252	100		
253	29.2	19.3	28.9#
125	17.5	7.5	11.3#

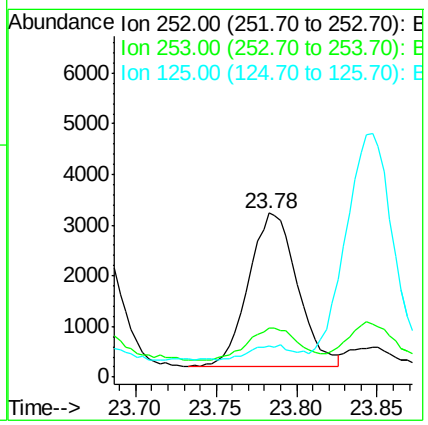


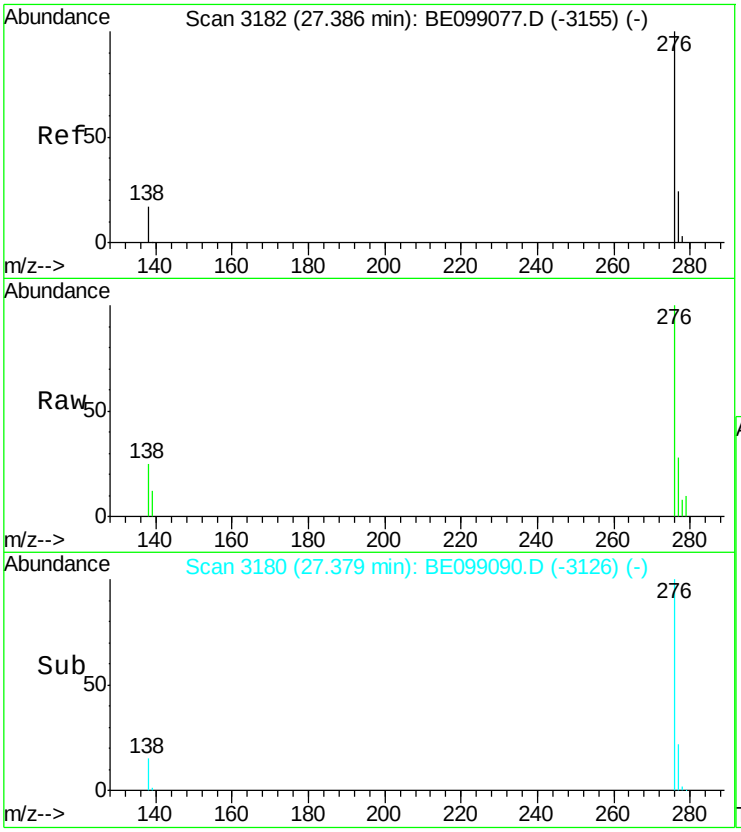


#37
Benzo(a)pyrene
Concen: 0.050 ng
RT: 23.78 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BE099090.D
Acq: 22 Mar 2019 21:26

Tgt Ion:252 Resp: 6363

Ion	Ratio	Lower	Upper
252	100		
253	29.7	19.9	29.9
125	19.1	9.0	13.4#





#39
Benzo(g,h,i)perylene
Concen: 0.037 ng
RT: 27.38 min Scan# 3180
Delta R.T. -0.01 min
Lab File: BE099090.D
Acq: 22 Mar 2019 21:26

Instrument :
BNA_E
ClientSampleId :
INV-025-SW03-031319

Tgt Ion:276 Resp: 4625

Ion	Ratio	Lower	Upper
276	100		
277	28.3	20.4	30.6
138	25.0	13.6	20.4#