Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE021615\
Data File : BE089578.D
Acq On : 16 Feb 2015 21:07
Operator : TP/IZ
Sample : G1258-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : MW-1

Quant Time: Feb 17 03:42:13 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SIM-BE021615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 16 18:23:16 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.35	152	107363	5.00	ng		0.00
7) Naphthalene-d8	12.27	136	544741	5.00	ng		0.02
13) Acenaphthene-d10	16.44	164	271512	5.00	ng		0.02
17) Phenanthrene-d10	19.80	188	650359	5.00	ng		0.03
20) Chrysene-d12	23.66	240	438885	5.00	ng		0.00
27) Perylene-d12	25.34	264	389141	5.00	ng		0.00
System Monitoring Compounds							
3) 2-Fluorophenol	6.51	112	159365	5.14	ng		0.00
4) Phenol-d6	8.63	99	156380	3.80	ng		0.00
8) Nitrobenzene-d5	10.62	82	254394	10.99	ng		0.00
14) 2,4,6-Tribromophenol	18.35	330	126567	20.69	ng		0.03
15) 2-Fluorobiphenyl	14.90	172	700315	9.55	ng		0.02
22) Terphenyl-d14	22.31	244	825266	13.65	ng		0.01
Target Compounds							Qvalue
23) Benzo(a)anthracene	23.64	228	290891	0.67	ng	#	88
25) Chrysene	23.69	228	206440	0.49	ng	#	82
26) Indeno(1,2,3-cd)pyrene	26.75	276	5476	0.05	ng		94
28) Benzo(b)fluoranthene	24.92	252	23999	0.28	ng	#	91
29) Benzo(k)fluoranthene	24.94	252	13814	0.13	ng	#	89
30) Benzo(a)pyrene	25.28	252	14531	0.18	ng	#	91
31) Dibenzo(a,h)anthracene	26.78	278	3316	0.04	ng	#	76

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

Quantitation Report (QT Reviewed)

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Misc :
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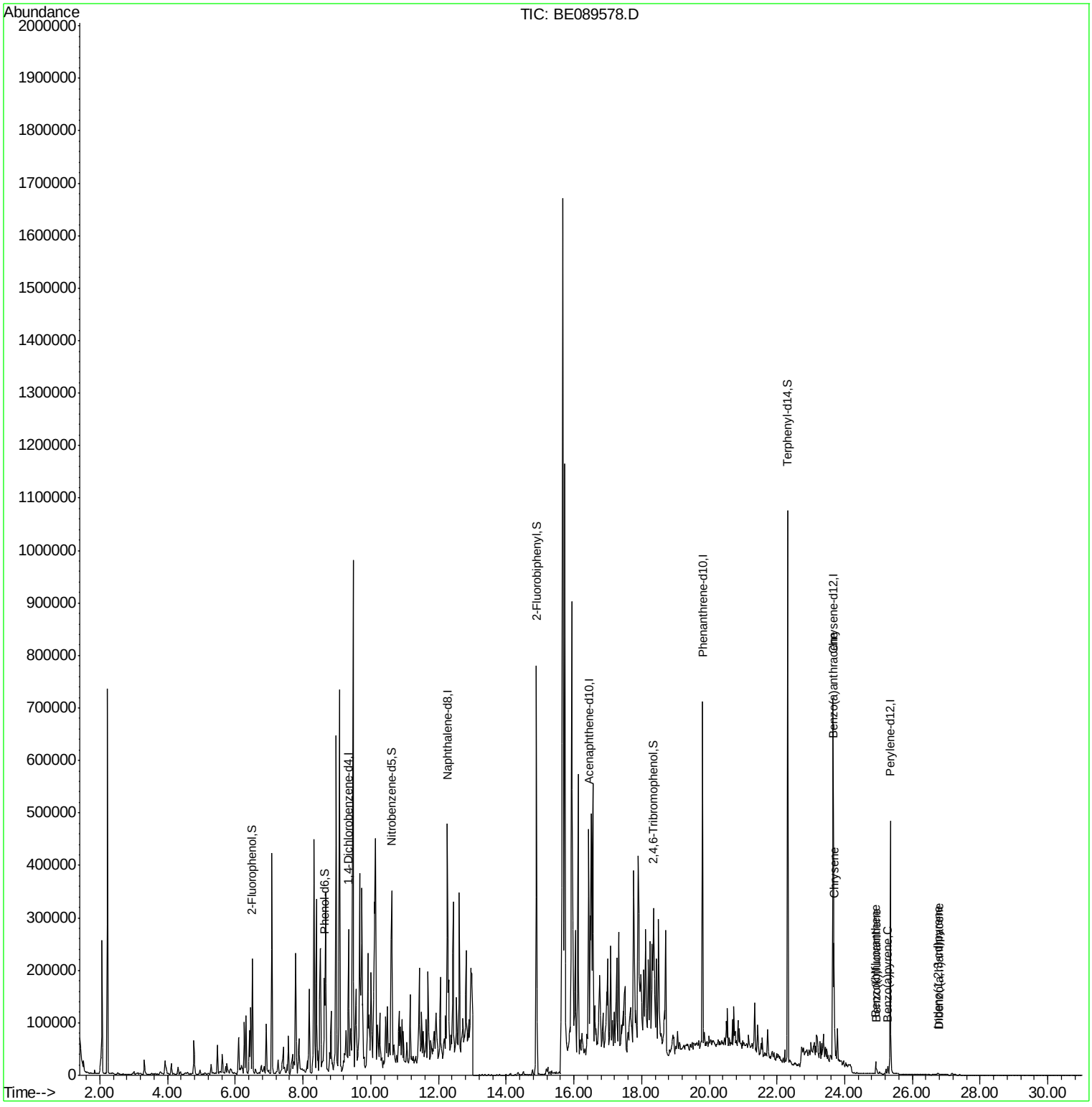
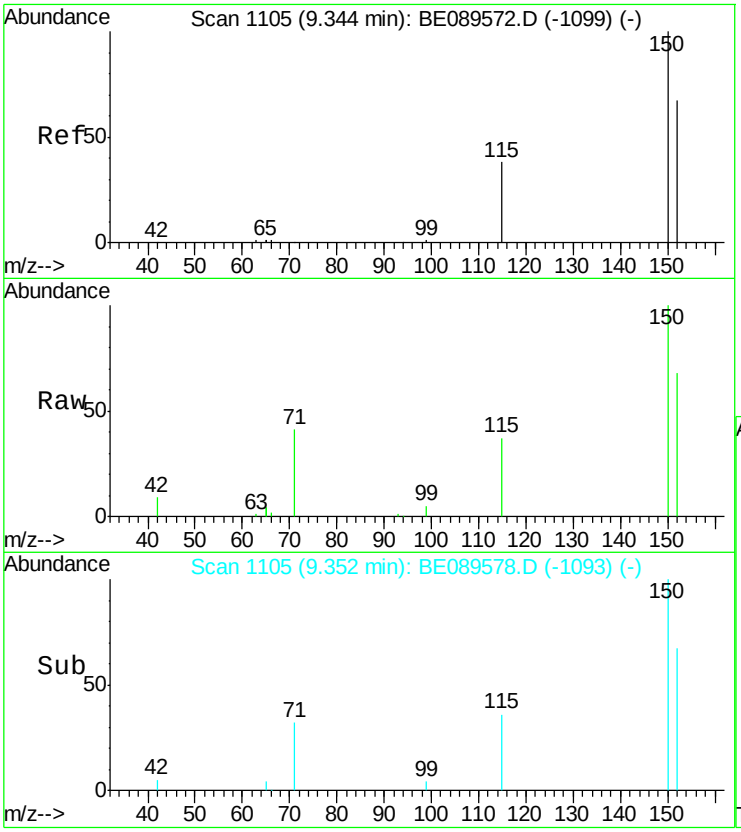


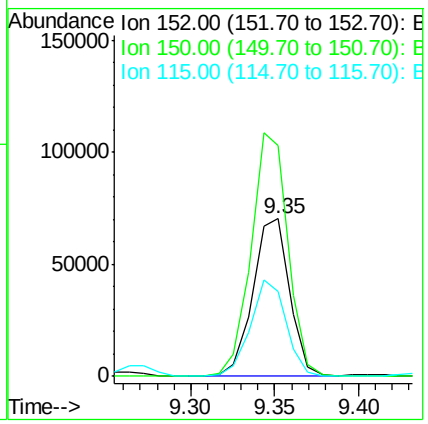


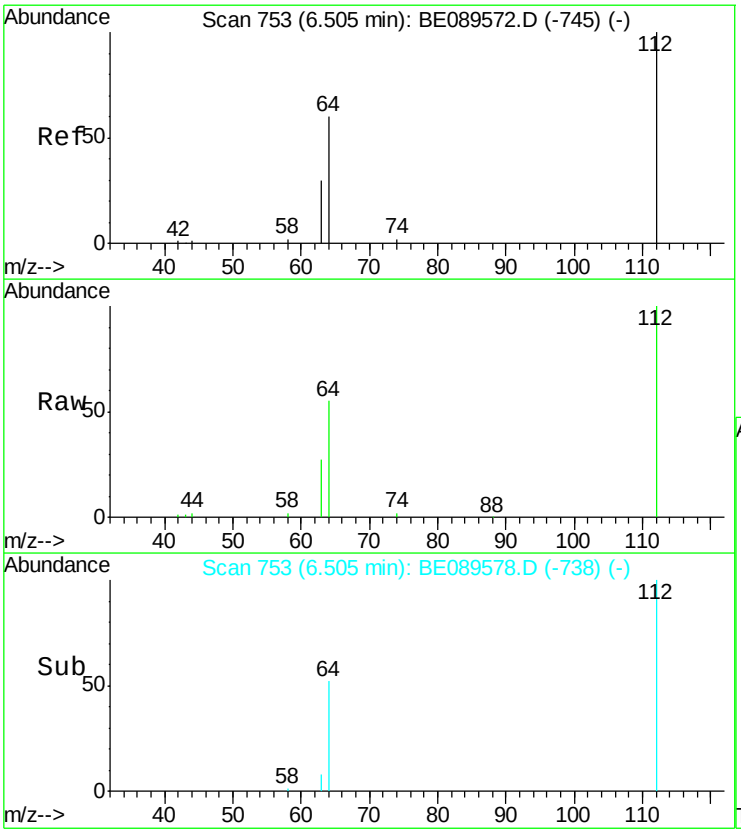
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 9.35 min Scan# 1105
Delta R.T. 0.01 min
Lab File: BE089578.D
Acq: 16 Feb 2015 21:07

Instrument :
BNA_E
ClientSampleId :
MW-1

Tgt Ion:152 Resp: 107363

Ion	Ratio	Lower	Upper
152	100		
150	146.7	120.2	180.2
115	54.2	45.2	67.8

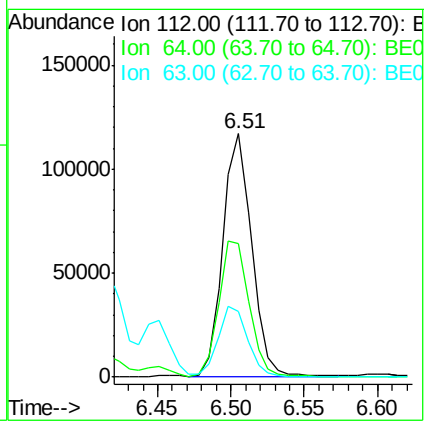


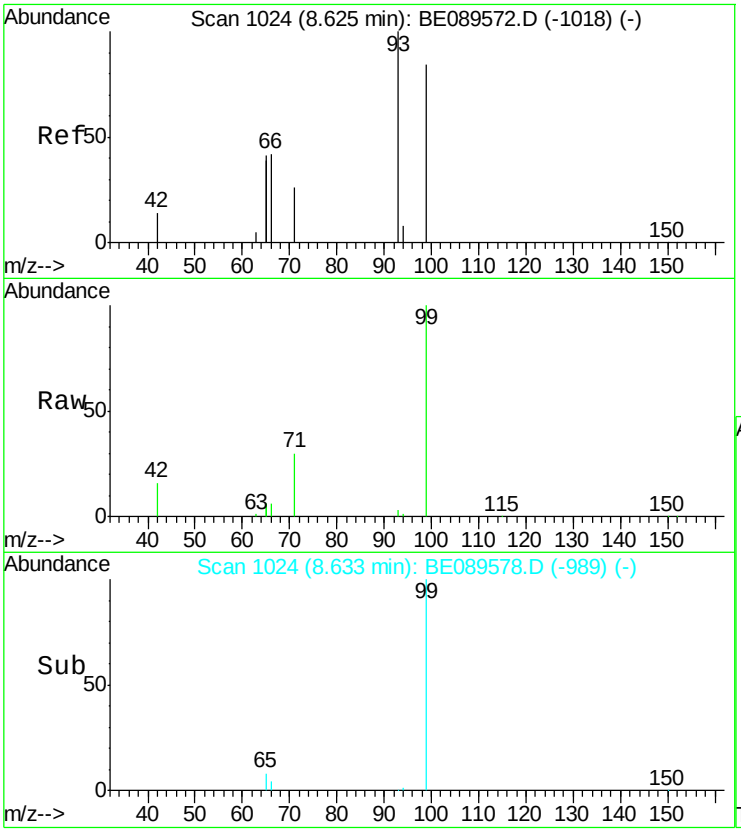


#3
2-Fluorophenol
Concen: 5.14 ng
RT: 6.51 min Scan# 753
Delta R.T. 0.00 min
Lab File: BE089578.D
Acq: 16 Feb 2015 21:07

Tgt Ion:112 Resp: 159365

Ion	Ratio	Lower	Upper
112	100		
64	55.0	48.6	72.8
63	26.9	24.6	37.0



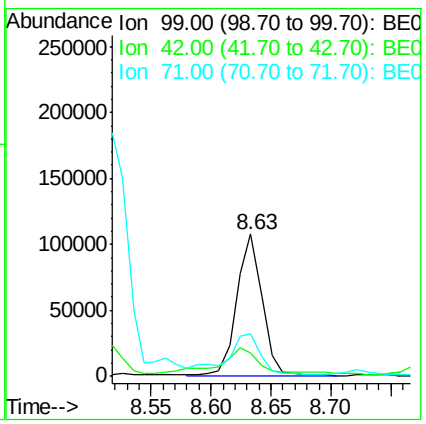


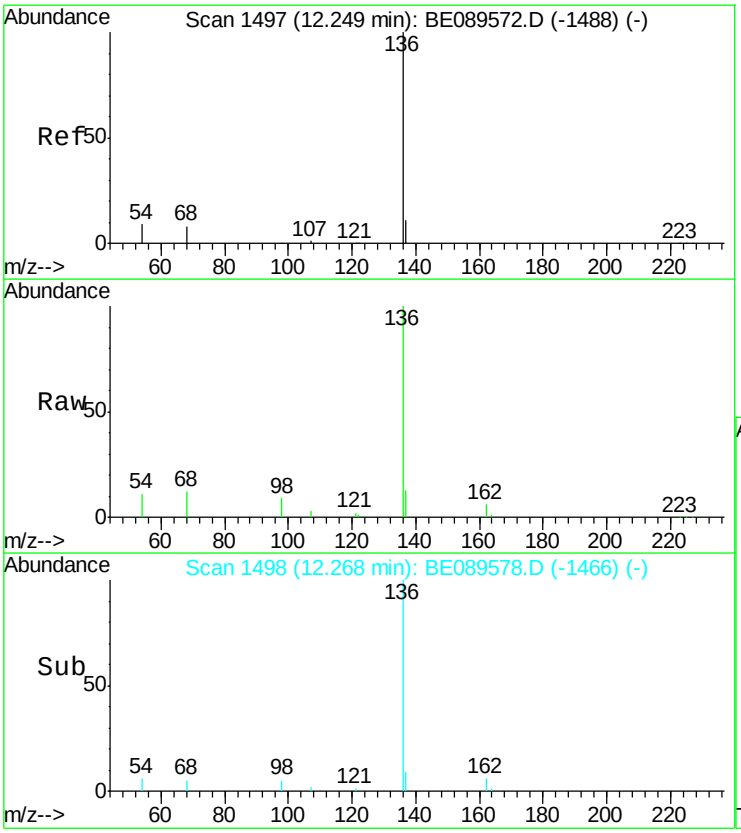
#4
Phenol-d6
Concen: 3.80 ng
RT: 8.63 min Scan# 1024
Delta R.T. 0.01 min
Lab File: BE089578.D
Acq: 16 Feb 2015 21:07

Instrument :
BNA_E
ClientSampleId :
MW-1

Tgt Ion: 99 Resp: 156380

Ion	Ratio	Lower	Upper
99	100		
42	16.2	13.9	20.9
71	30.1	25.2	37.8

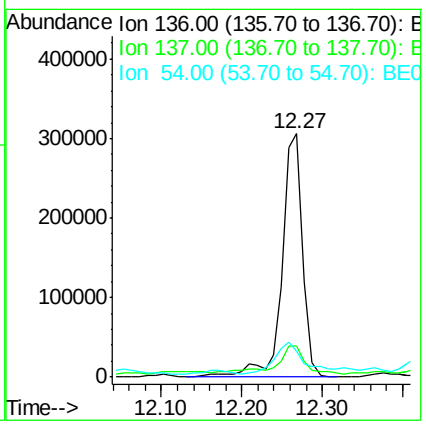


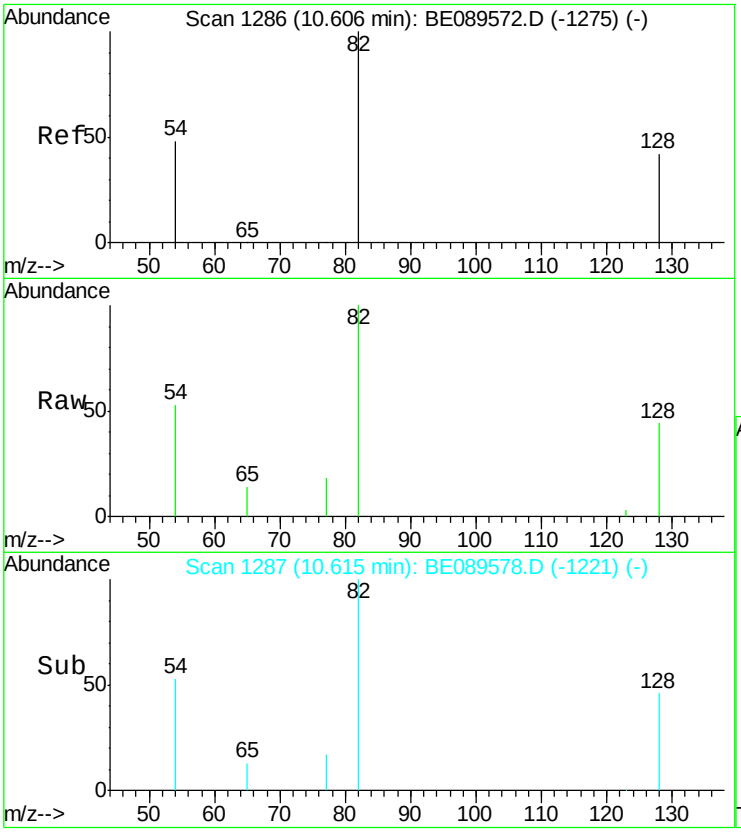


#7
Naphthalene-d8
Concen: 5.00 ng
RT: 12.27 min Scan# 1498
Delta R.T. 0.02 min
Lab File: BE089578.D
Acq: 16 Feb 2015 21:07

Tgt Ion:136 Resp: 544741

Ion	Ratio	Lower	Upper
136	100		
137	12.9	8.7	13.1
54	10.5	7.0	10.4#



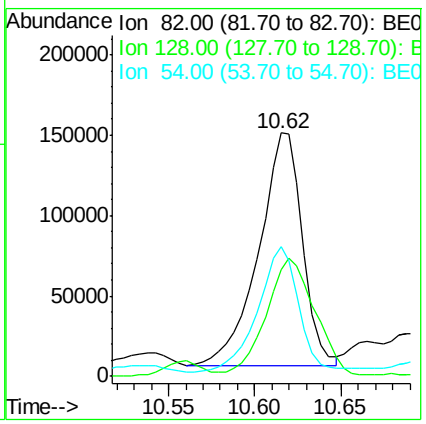


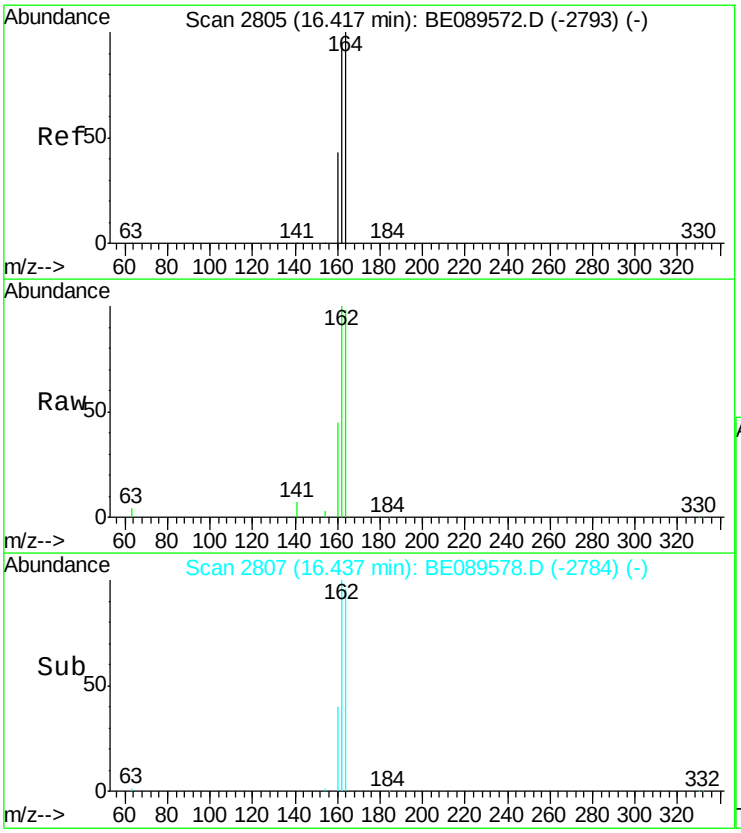
#8
Nitrobenzene-d5
Concen: 10.99 ng
RT: 10.62 min Scan# 1287
Delta R.T. 0.01 min
Lab File: BE089578.D
Acq: 16 Feb 2015 21:07

Instrument :
BNA_E
ClientSampleId :
MW-1

Tgt Ion: 82 Resp: 254394

Ion	Ratio	Lower	Upper
82	100		
128	43.8	33.8	50.6
54	53.3	39.0	58.6

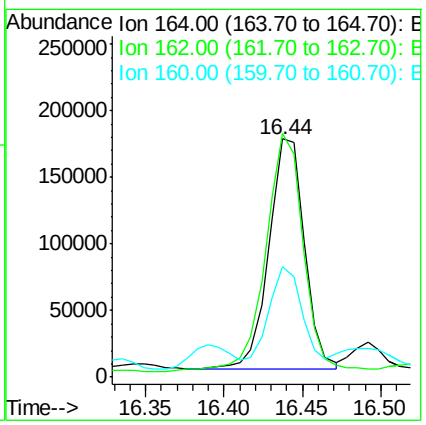


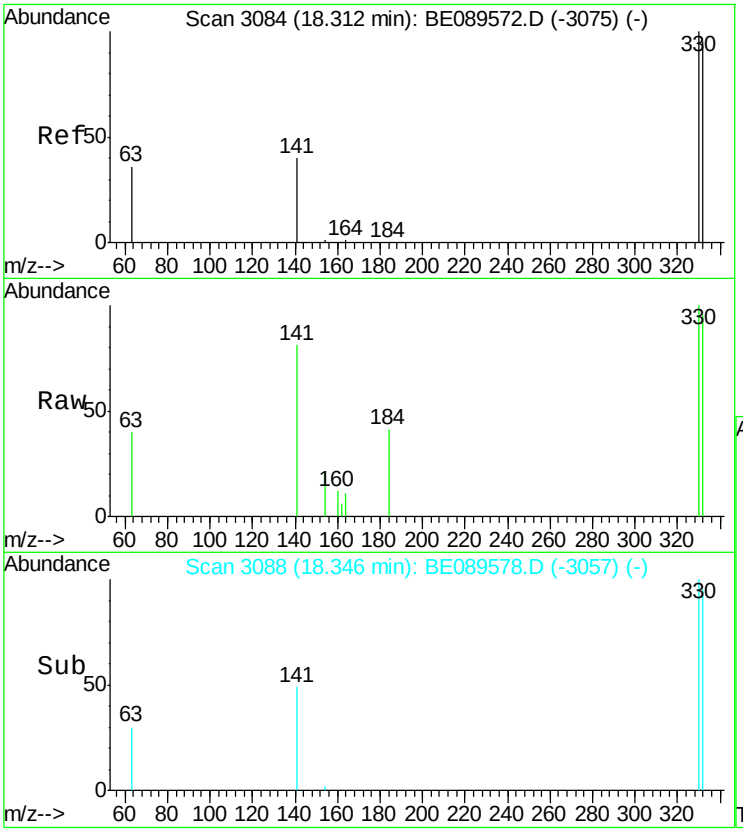


#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 16.44 min Scan# 2807
Delta R.T. 0.02 min
Lab File: BE089578.D
Acq: 16 Feb 2015 21:07

Tgt Ion:164 Resp: 271512

Ion	Ratio	Lower	Upper
164	100		
162	102.2	76.2	114.4
160	46.1	34.7	52.1



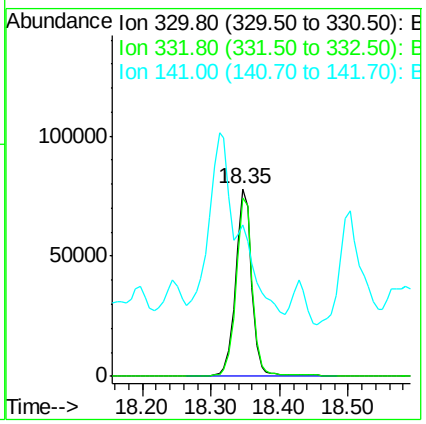


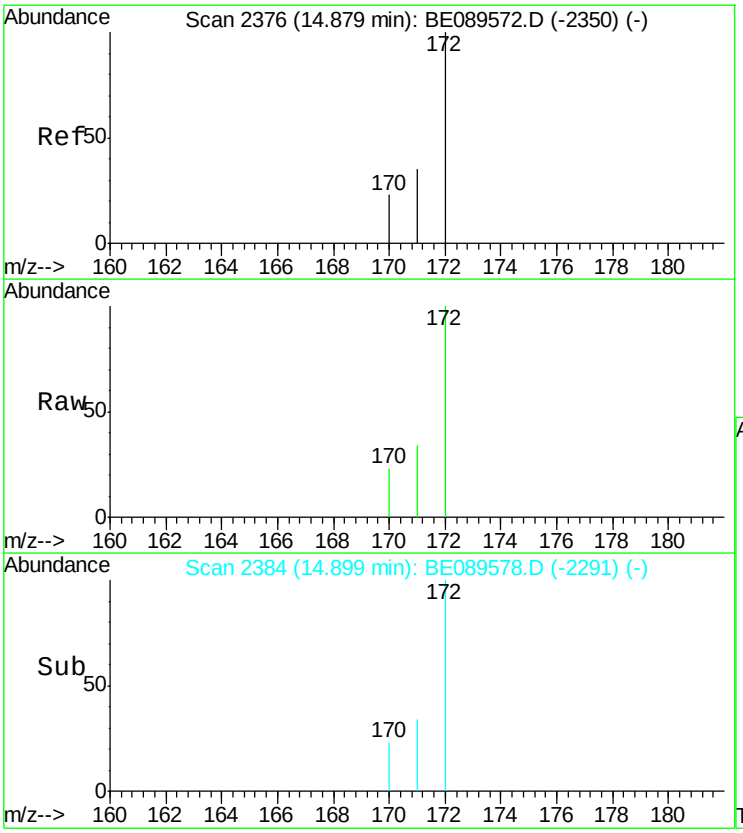
#14
2,4,6-Tribromophenol
Concen: 20.69 ng
RT: 18.35 min Scan# 3088
Delta R.T. 0.03 min
Lab File: BE089578.D
Acq: 16 Feb 2015 21:07

Instrument :
BNA_E
ClientSampleId :
MW-1

Tgt Ion:330 Resp: 126567

Ion	Ratio	Lower	Upper
330	100		
332	98.2	78.3	117.5
141	0.0	33.4	50.0#

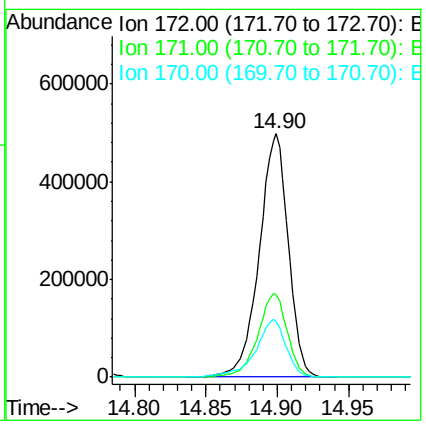


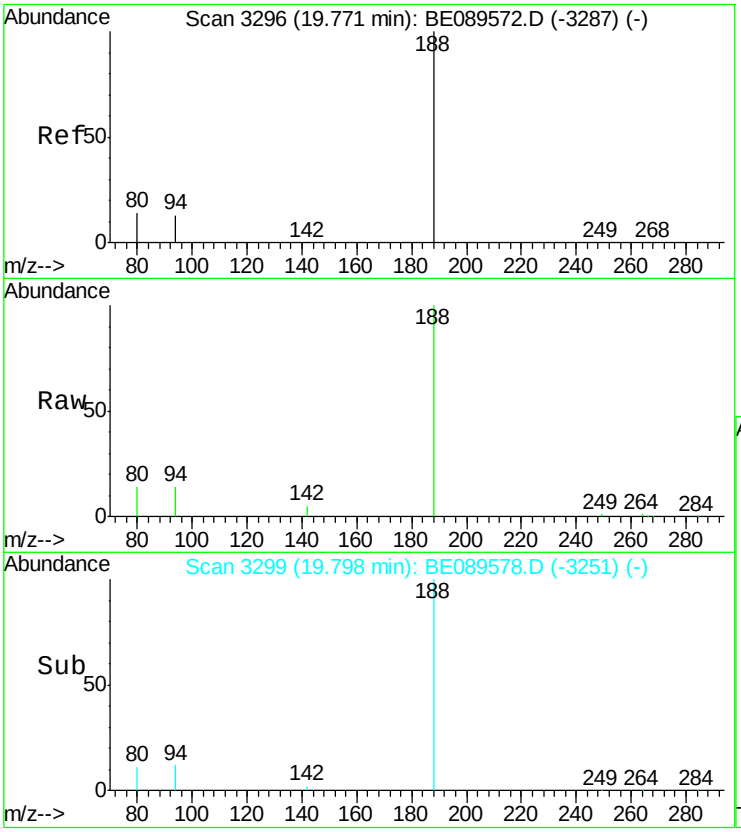


#15
2-Fluorobiphenyl
Concen: 9.55 ng
RT: 14.90 min Scan# 2384
Delta R.T. 0.02 min
Lab File: BE089578.D
Acq: 16 Feb 2015 21:07

Tgt Ion:172 Resp: 700315

Ion	Ratio	Lower	Upper
172	100		
171	34.1	27.8	41.6
170	22.6	18.5	27.7



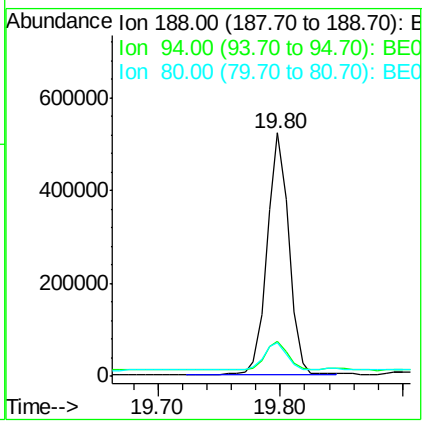


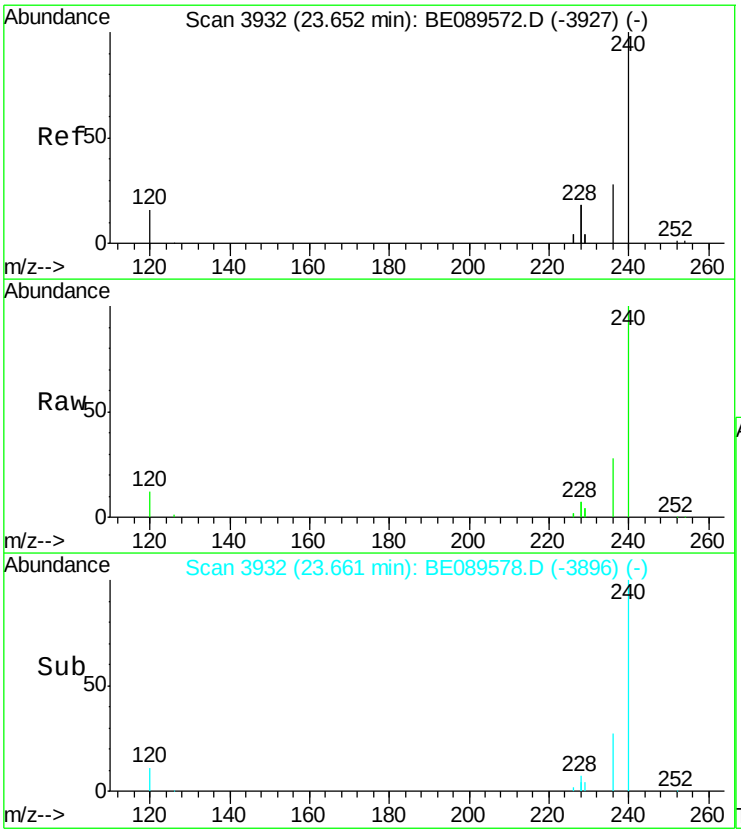
#17
Phenanthrene-d10
Concen: 5.00 ng
RT: 19.80 min Scan# 3299
Delta R.T. 0.03 min
Lab File: BE089578.D
Acq: 16 Feb 2015 21:07

Instrument :
BNA_E
ClientSampleId :
MW-1

Tgt Ion:188 Resp: 650359

Ion	Ratio	Lower	Upper
188	100		
94	14.4	10.2	15.4
80	13.7	11.0	16.6

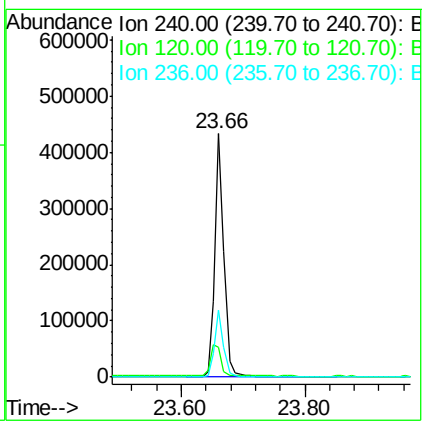


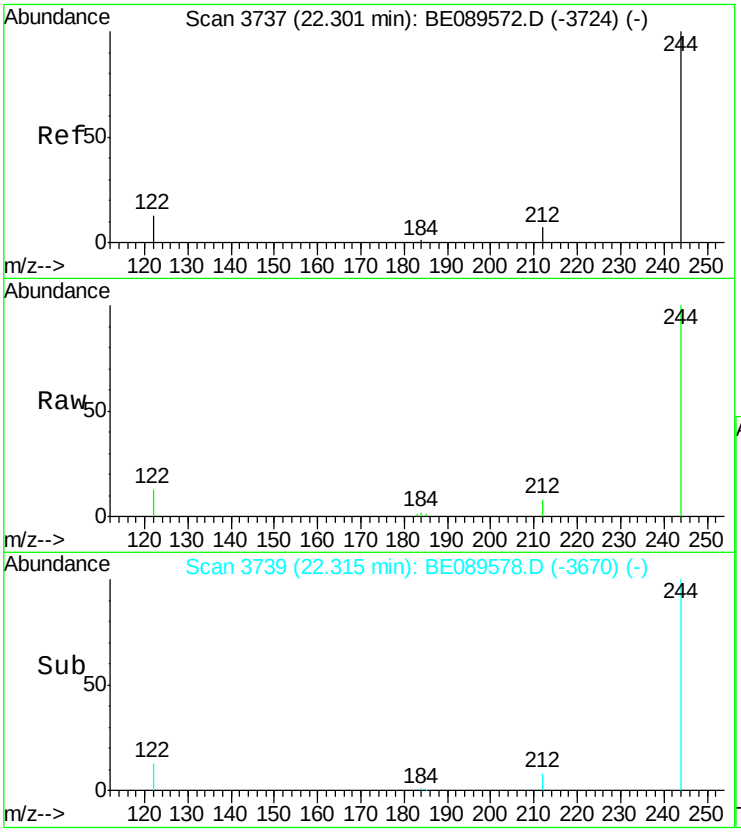


#20
Chrysene-d12
Concen: 5.00 ng
RT: 23.66 min Scan# 3932
Delta R.T. 0.01 min
Lab File: BE089578.D
Acq: 16 Feb 2015 21:07

Tgt Ion:240 Resp: 438885

Ion	Ratio	Lower	Upper
240	100		
120	12.0	12.7	19.1#
236	27.6	22.7	34.1



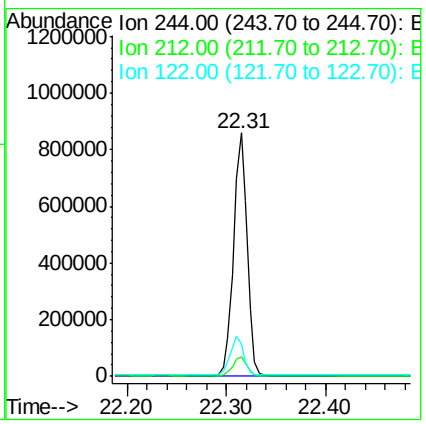


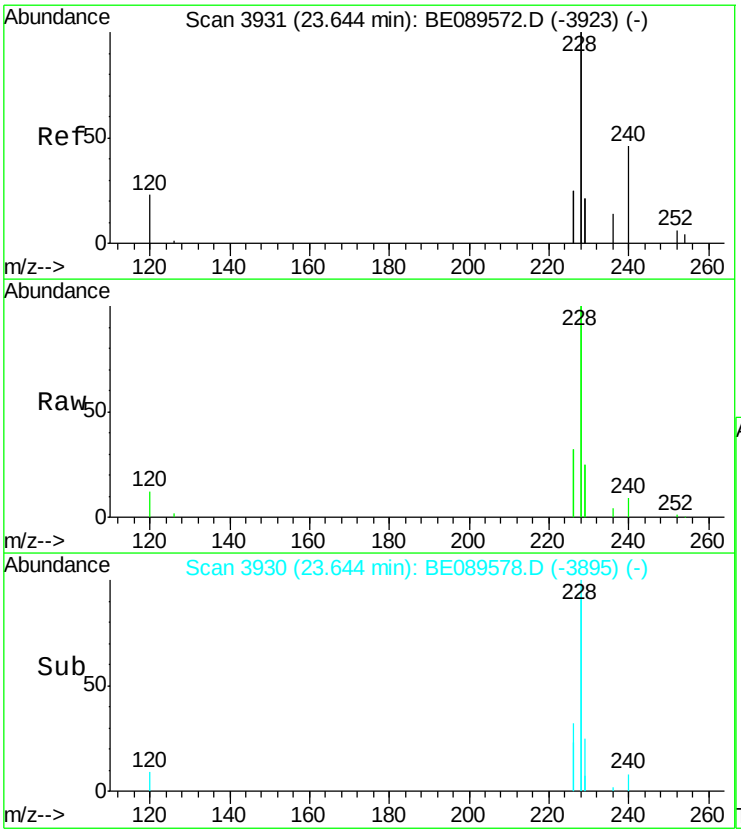
#22
Terphenyl-d14
Concen: 13.65 ng
RT: 22.31 min Scan# 3739
Delta R.T. 0.01 min
Lab File: BE089578.D
Acq: 16 Feb 2015 21:07

Instrument :
BNA_E
ClientSampleId :
MW-1

Tgt Ion:244 Resp: 825266

Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.9	8.9
122	13.2	10.2	15.2

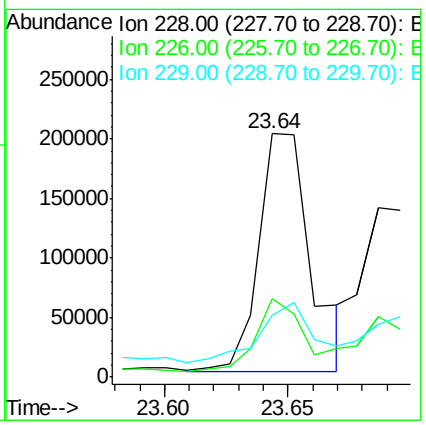


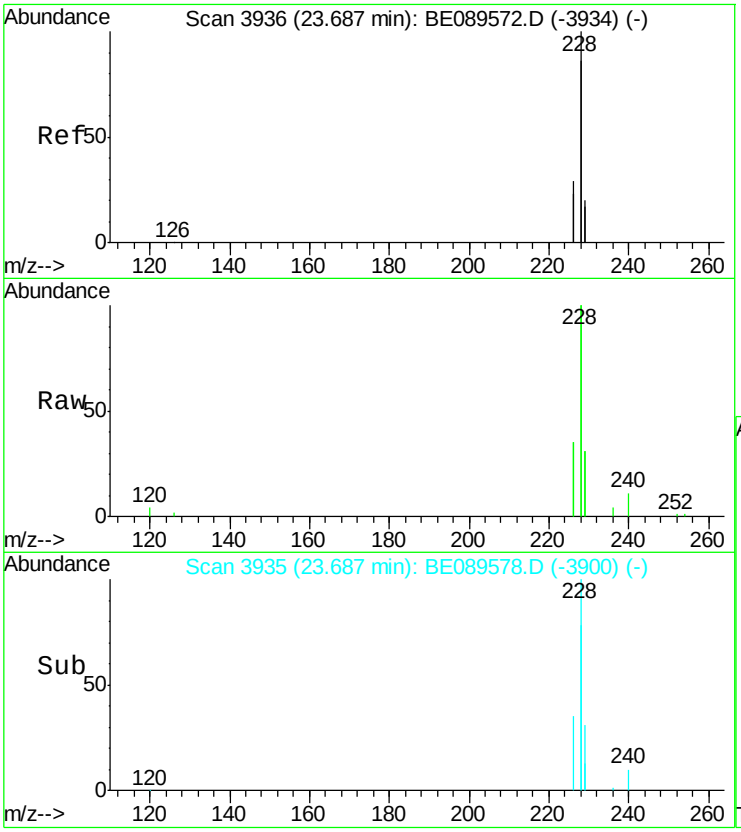


#23
Benzo(a)anthracene
Concen: 0.67 ng
RT: 23.64 min Scan# 3930
Delta R.T. -0.00 min
Lab File: BE089578.D
Acq: 16 Feb 2015 21:07

Tgt Ion:228 Resp: 290891

Ion	Ratio	Lower	Upper
228	100		
226	32.2	19.9	29.9#
229	25.2	16.6	24.8#



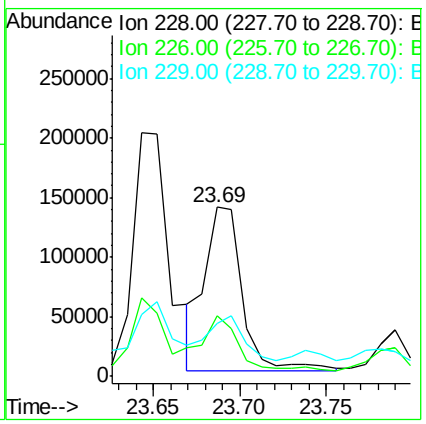


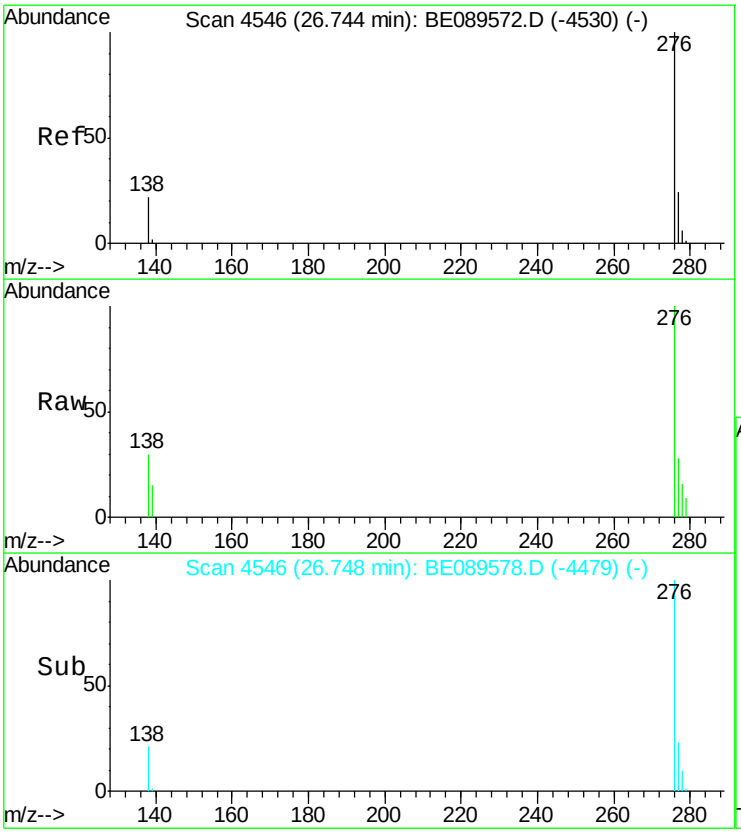
#25
Chrysene
Concen: 0.49 ng
RT: 23.69 min Scan# 3935
Delta R.T. -0.00 min
Lab File: BE089578.D
Acq: 16 Feb 2015 21:07

Instrument :
BNA_E
ClientSampleId :
MW-1

Tgt Ion:228 Resp: 206440

Ion	Ratio	Lower	Upper
228	100		
226	35.5	22.9	34.3#
229	31.4	15.8	23.6#

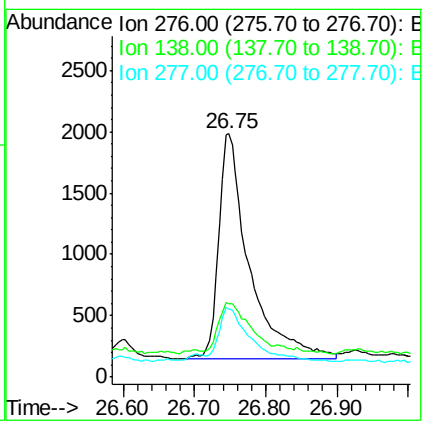


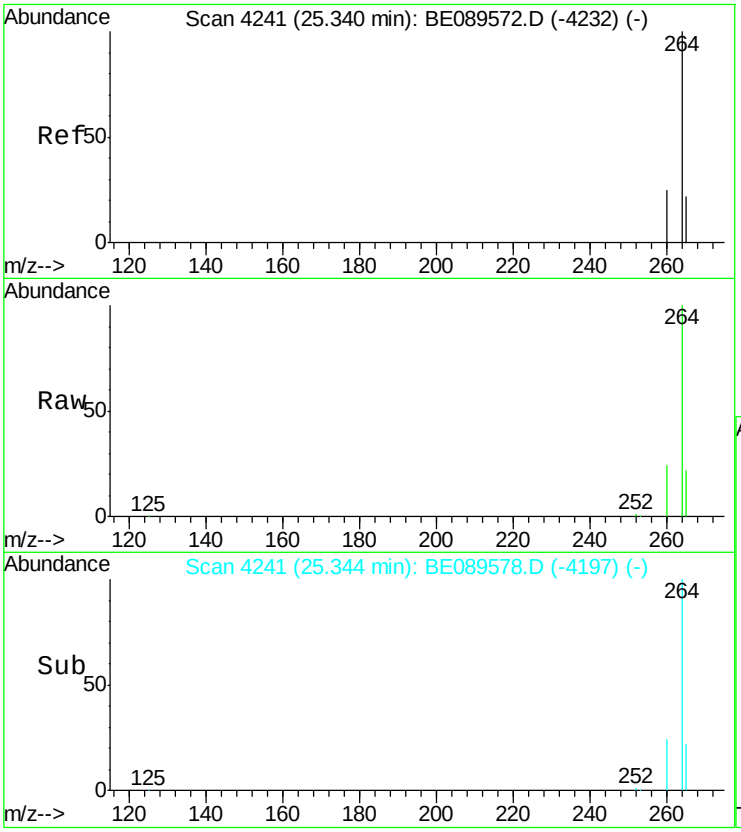


#26
Indeno(1,2,3-cd)pyrene
Concen: 0.05 ng
RT: 26.75 min Scan# 4546
Delta R.T. 0.00 min
Lab File: BE089578.D
Acq: 16 Feb 2015 21:07

Tgt Ion:276 Resp: 5476

Ion	Ratio	Lower	Upper
276	100		
138	22.5	22.1	33.1
277	24.0	19.4	29.2



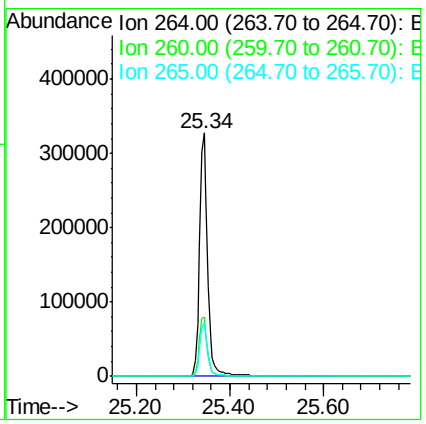


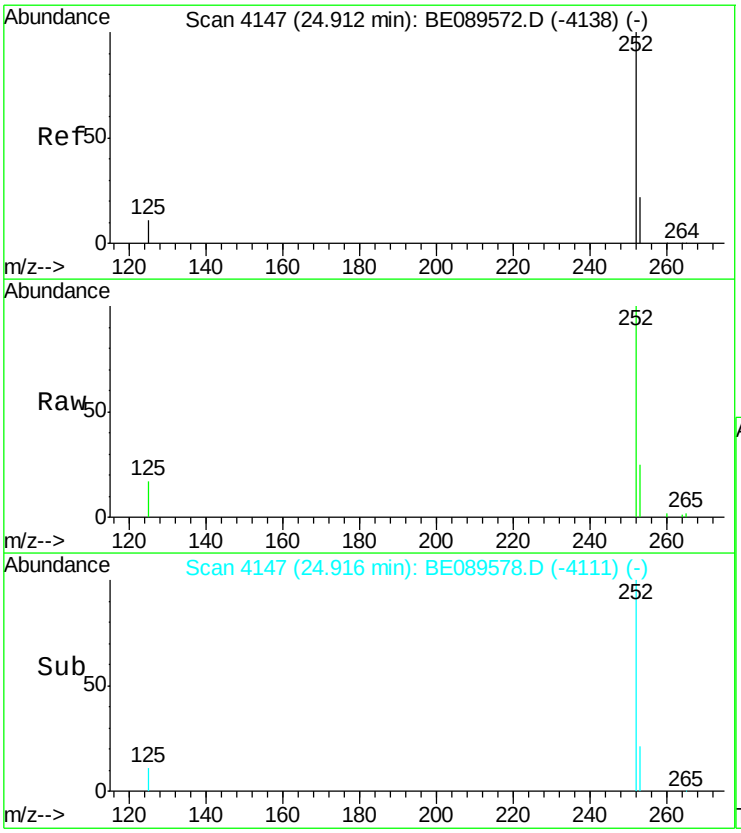
#27
Perylene-d12
Concen: 5.00 ng
RT: 25.34 min Scan# 4241
Delta R.T. 0.00 min
Lab File: BE089578.D
Acq: 16 Feb 2015 21:07

Instrument :
BNA_E
ClientSampleId :
MW-1

Tgt Ion:264 Resp: 389141

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.8	29.6
265	22.5	17.5	26.3

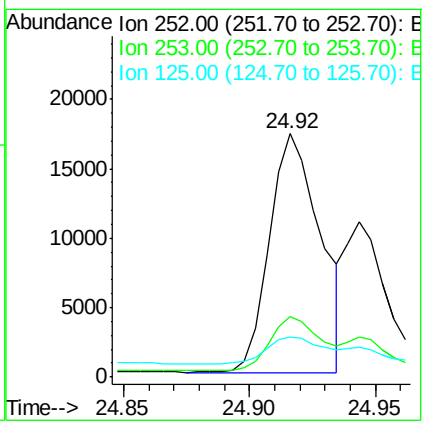


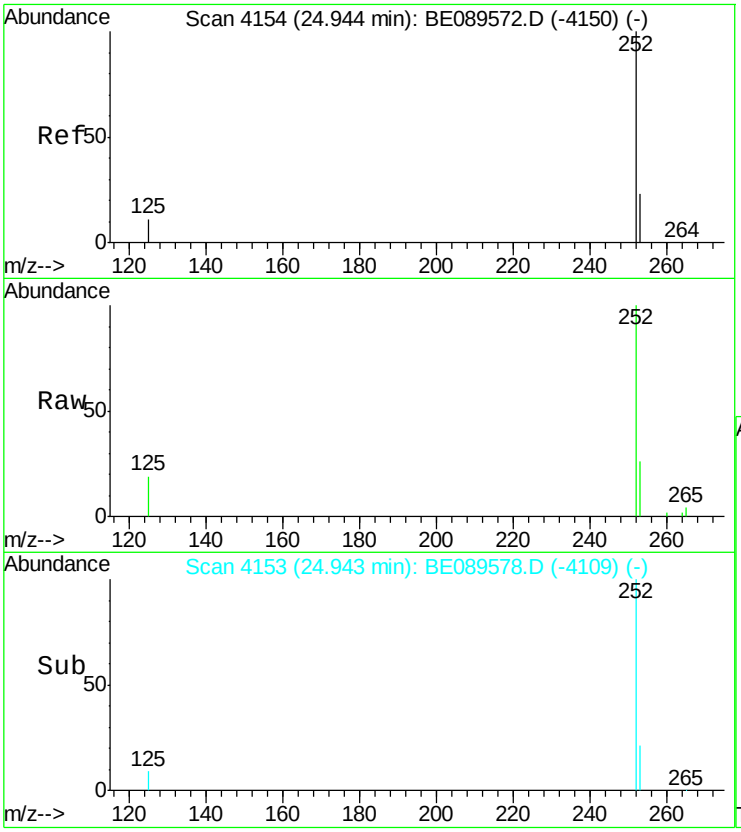


#28
Benzo(b)fluoranthene
Concen: 0.28 ng
RT: 24.92 min Scan# 4147
Delta R.T. 0.00 min
Lab File: BE089578.D
Acq: 16 Feb 2015 21:07

Tgt Ion:252 Resp: 23999

Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.5	26.3
125	16.7	9.0	13.4#



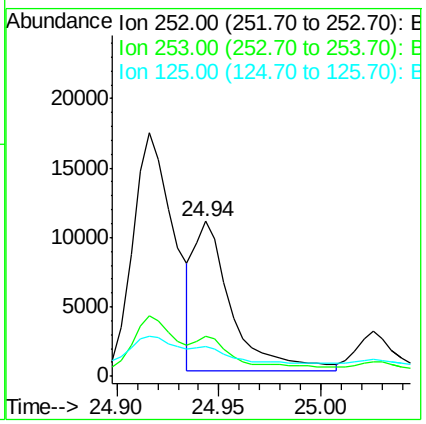


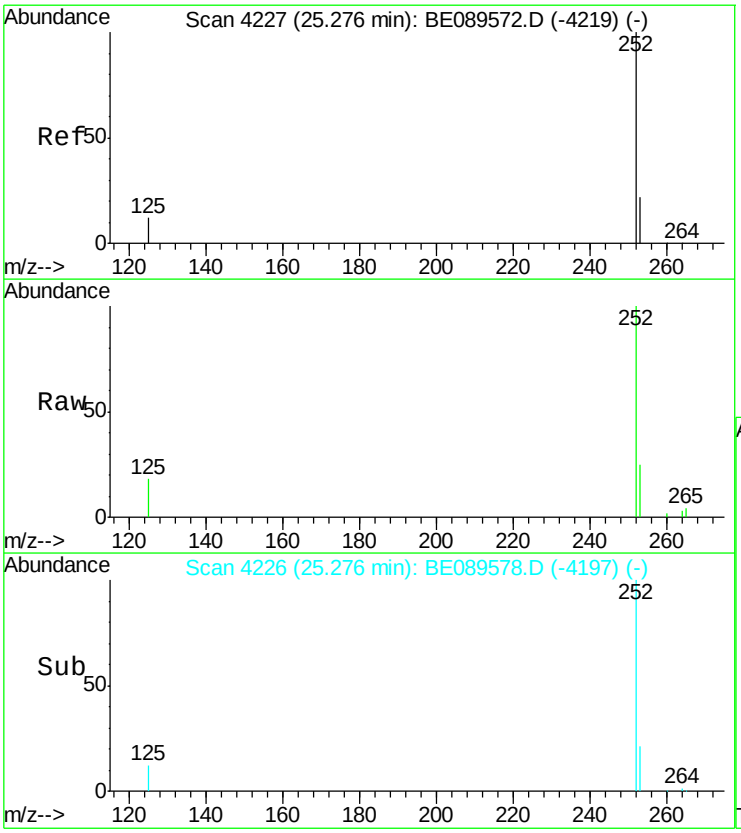
#29
Benzo(k)fluoranthene
Concen: 0.13 ng
RT: 24.94 min Scan# 4153
Delta R.T. -0.00 min
Lab File: BE089578.D
Acq: 16 Feb 2015 21:07

Instrument :
BNA_E
ClientSampleId :
MW-1

Tgt Ion:252 Resp: 13814

Ion	Ratio	Lower	Upper
252	100		
253	25.6	18.2	27.2
125	19.3	8.9	13.3#

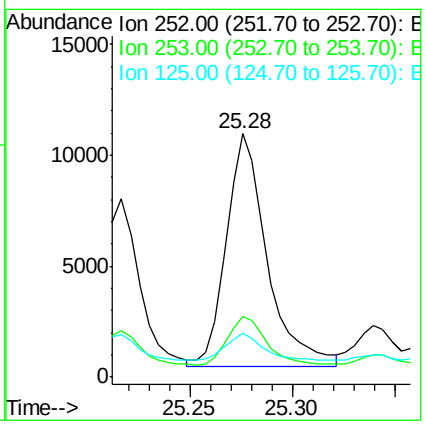


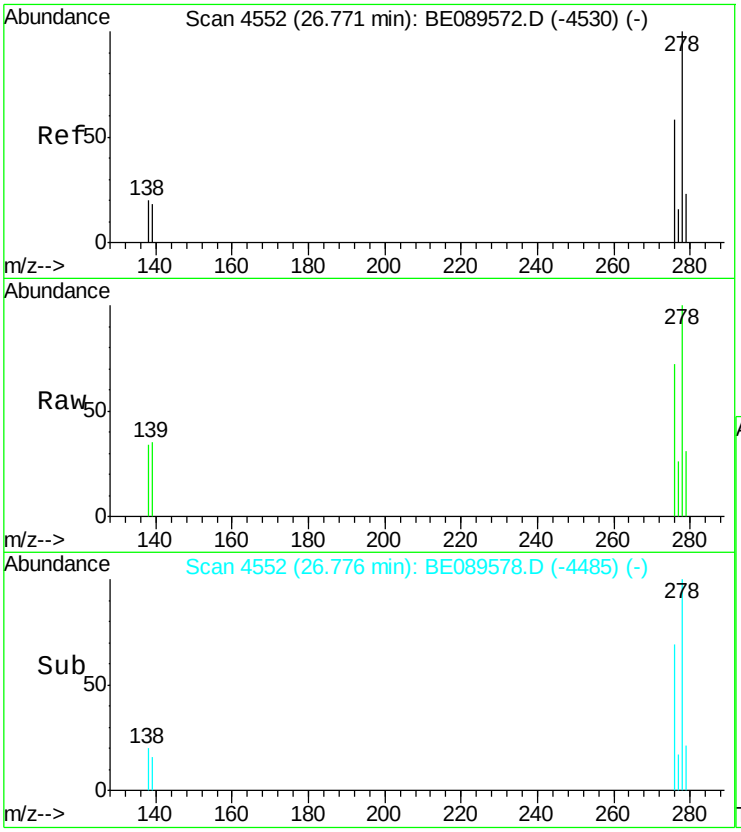


#30
Benzo(a)pyrene
Concen: 0.18 ng
RT: 25.28 min Scan# 4226
Delta R.T. -0.00 min
Lab File: BE089578.D
Acq: 16 Feb 2015 21:07

Tgt Ion:252 Resp: 14531

Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.9	26.9
125	18.2	9.5	14.3#





#31
Dibenzo(a,h)anthracene
Concen: 0.04 ng
RT: 26.78 min Scan# 4552
Delta R.T. 0.00 min
Lab File: BE089578.D
Acq: 16 Feb 2015 21:07

Instrument :
BNA_E
ClientSampleId :
MW-1

Tgt Ion:278 Resp: 3316

Ion	Ratio	Lower	Upper
278	100		
139	35.0	14.7	22.1#
279	30.7	19.0	28.4#