Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE033116\
Data File : BE091576.D
Acq On : 31 Mar 2016 4:46
Operator : UM/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : DFTPP

Quant Time: Mar 31 05:16:09 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE033016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 30 18:45:59 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	36471	5.00	ng		0.00
6) Naphthalene-d8	10.59	136	168662	5.00	ng		0.00
10) Acenaphthene-d10	14.42	164	106180	5.00	ng		-0.03
16) Phenanthrene-d10	17.16	188	272172	5.00	ng		-0.01
22) Chrysene-d12	21.31	240	383127	5.00	ng		-0.02
28) Perylene-d12	23.76	264	328966	5.00	ng		-0.03
System Monitoring Compounds							
4) 2-Fluorophenol	5.41	112	3775	0.40	ng		-0.02
5) Phenol-d6	6.97	99	5033	0.39	ng		-0.02
7) Nitrobenzene-d5	8.96	82	4383	0.39	ng		-0.02
11) 2,4,6-Tribromophenol	15.91	330	1478	0.31	ng		-0.01
12) 2-Fluorobiphenyl	13.05	172	11700	0.39	ng		-0.02
24) Terphenyl-d14	19.76	244	18575	0.38	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.35	88	2058	0.38	ng		95
3) n-Nitrosodimethylamine	3.64	42	2597	0.39	ng		94
8) Naphthalene	10.63	128	13979	0.40	ng		97
9) 2-Methylnaphthalene	12.25	142	8989	0.39	ng		97
13) Acenaphthylene	14.14	152	17306	0.40	ng	#	92
14) Acenaphthene	14.49	154	10413	0.40	ng		97
15) Fluorene	15.46	166	13252	0.39	ng		100
17) Hexachlorobenzene	16.47	284	3917	0.39	ng		98
18) Pentachlorophenol	16.79	266	2057	0.37	ng		89
19) Phenanthrene	17.20	178	25266	0.40	ng		99
20) Anthracene	17.29	178	22651	0.39	ng		99
21) Fluoranthene	19.20	202	29507	0.39	ng		99
23) Pyrene	19.57	202	30788	0.39	ng		100
25) Benzo(a)anthracene	21.29	228	67587	0.75	ng		99
26) Chrysene	21.29	228	67899	0.88	ng	#	87
27) Indeno(1,2,3-cd)pyrene	26.33	276	33201	0.37	ng		100
29) Benzo(b)fluoranthene	23.01	252	31537	0.40	ng		99
30) Benzo(k)fluoranthene	23.06	252	30415	0.39	ng		96
31) Benzo(a)pyrene	23.65	252	29030	0.40	ng		97
32) Dibenzo(a,h)anthracene	26.34	278	27725	0.39	ng		99
33) Benzo(g,h,i)perylene	27.12	276	28337	0.39	ng		99

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

Quantitation Report (Not Reviewed)

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Acq On : 31 Mar 2016 4:46
Operator : UM/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_E
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DFTPP

Quant Time: Mar 31 05:16:09 2016
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 30 18:45:59 2016
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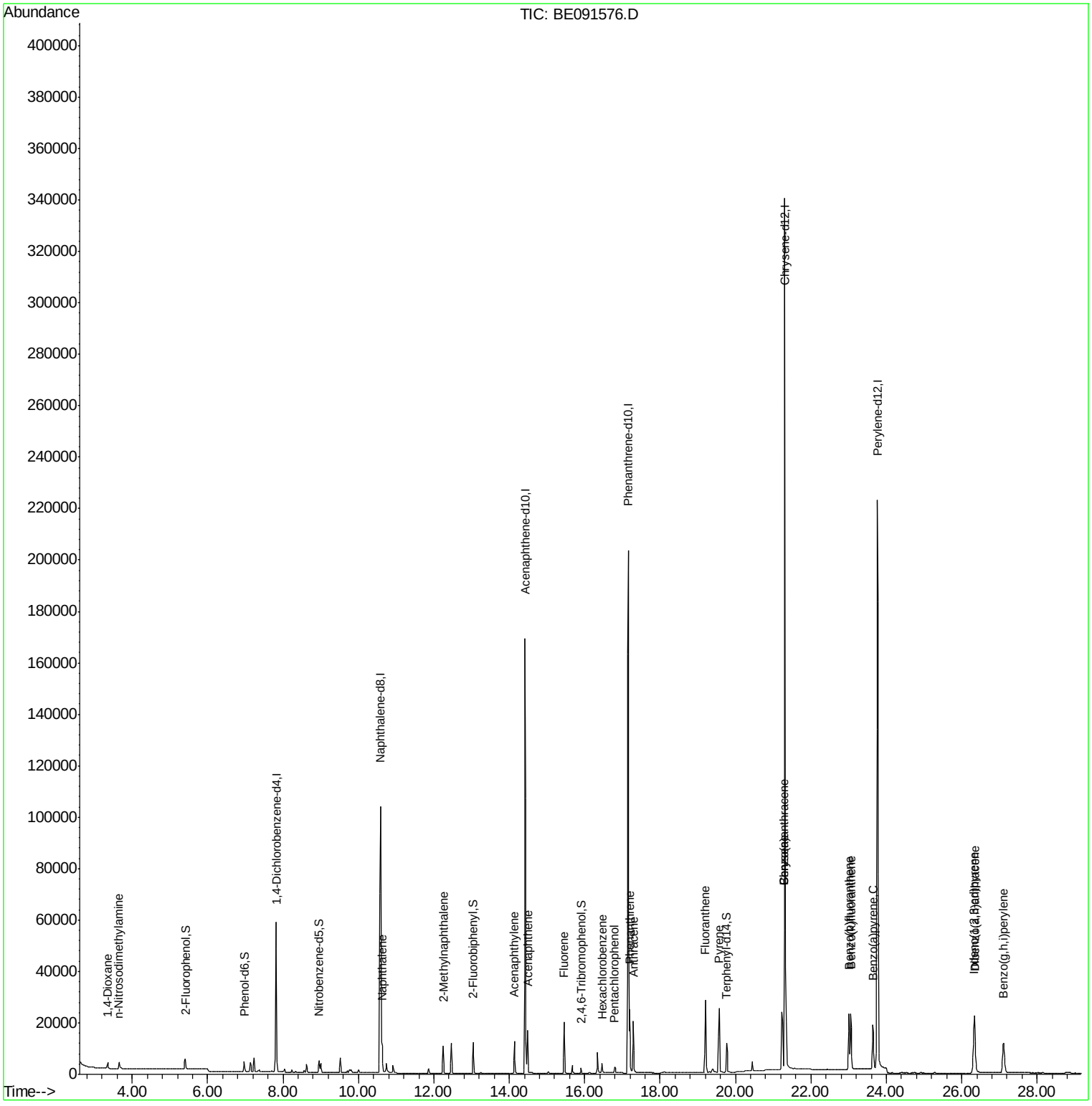
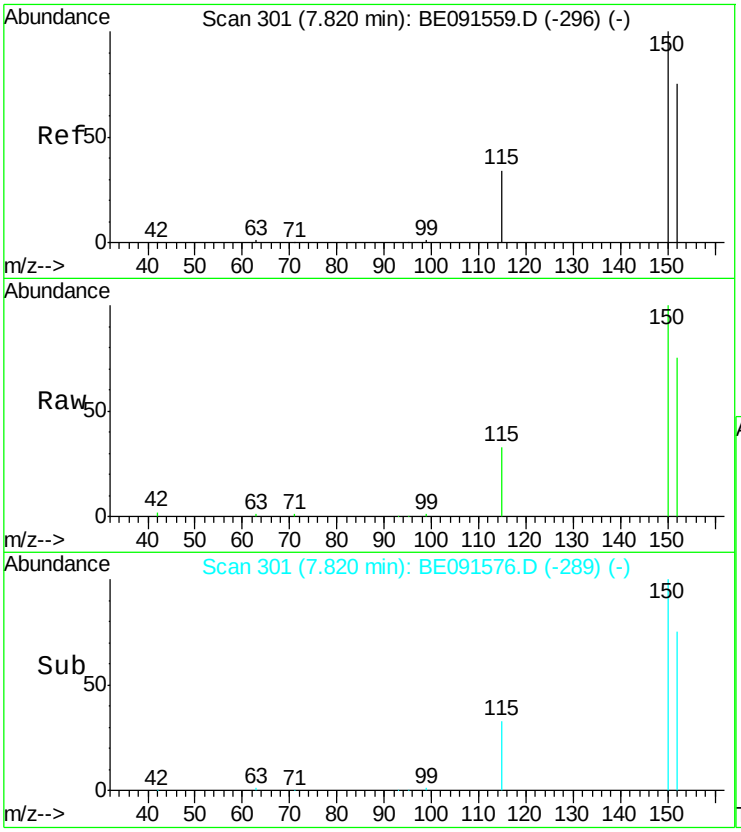


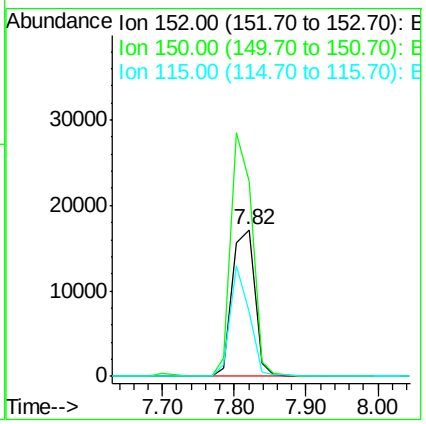


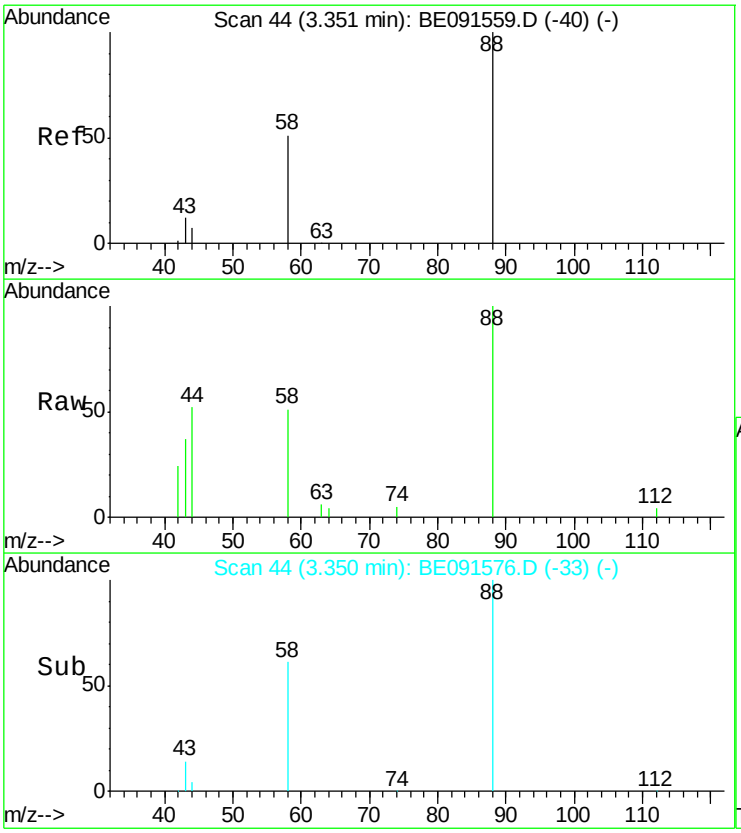
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.82 min Scan# 301
Delta R.T. 0.00 min
Lab File: BE091576.D
Acq: 31 Mar 2016 4:46

Instrument :
BNA_E
ClientSampleId :
DFTPP

Tgt Ion:152 Resp: 36471

Ion	Ratio	Lower	Upper
152	100		
150	132.7	122.2	183.2
115	44.3	45.9	68.9#

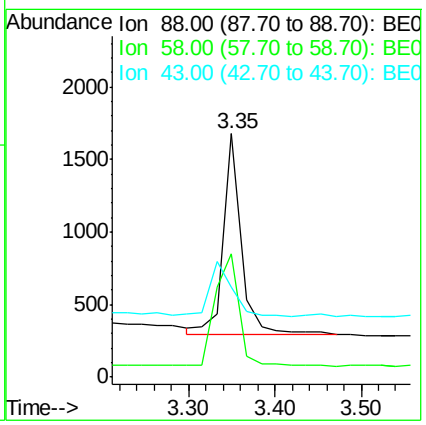


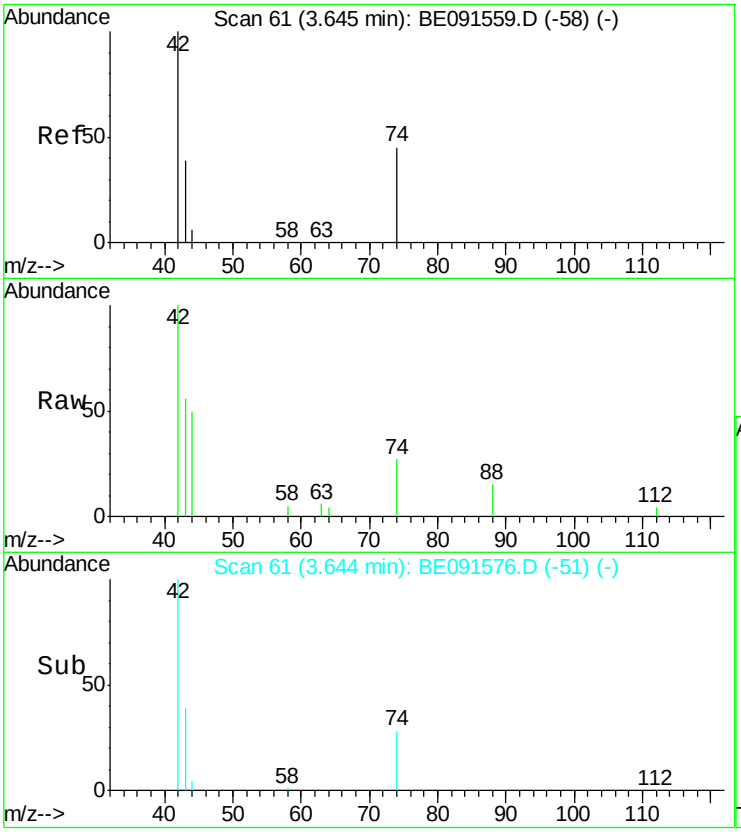


#2
1,4-Dioxane
Concen: 0.38 ng
RT: 3.35 min Scan# 44
Delta R.T. -0.02 min
Lab File: BE091576.D
Acq: 31 Mar 2016 4:46

Tgt Ion: 88 Resp: 2058

Ion	Ratio	Lower	Upper
88	100		
58	72.4	61.0	91.6
43	35.1	25.4	38.2



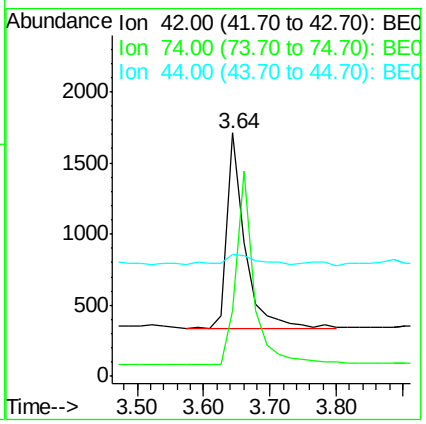


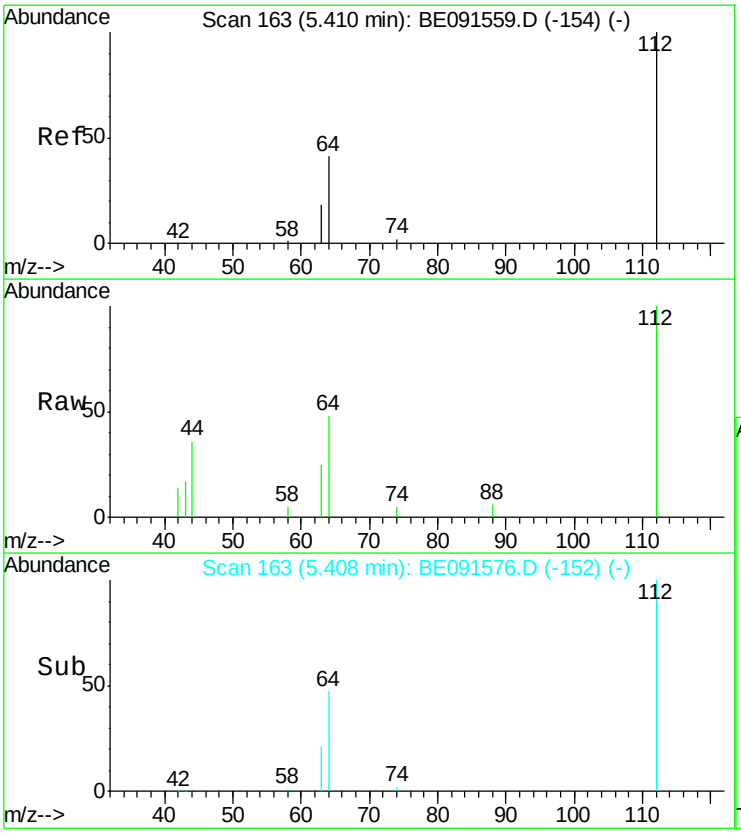
#3
n-Nitrosodimethylamine
Concen: 0.39 ng
RT: 3.64 min Scan# 61
Delta R.T. -0.03 min
Lab File: BE091576.D
Acq: 31 Mar 2016 4:46

Instrument :
BNA_E
ClientSampleId :
DFTPP

Tgt Ion: 42 Resp: 2597

Ion	Ratio	Lower	Upper
42	100		
74	99.3	84.3	126.5
44	8.8	6.7	10.1

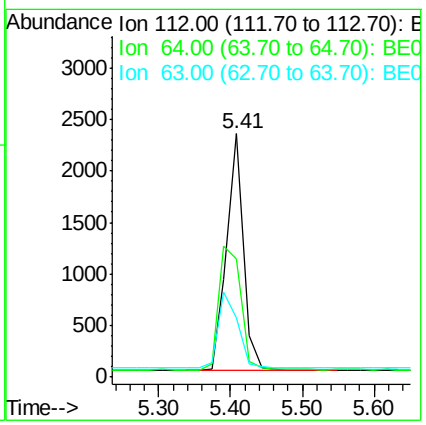


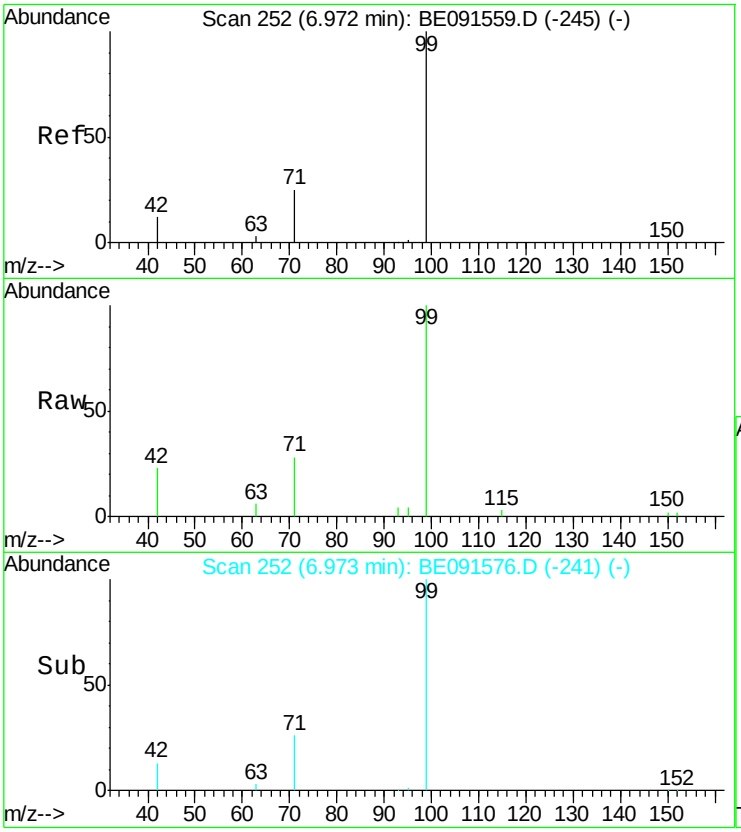


#4
2-Fluorophenol
Concen: 0.40 ng
RT: 5.41 min Scan# 163
Delta R.T. -0.02 min
Lab File: BE091576.D
Acq: 31 Mar 2016 4:46

Tgt Ion:112 Resp: 3775

Ion	Ratio	Lower	Upper
112	100		
64	67.7	53.3	79.9
63	37.0	29.8	44.8



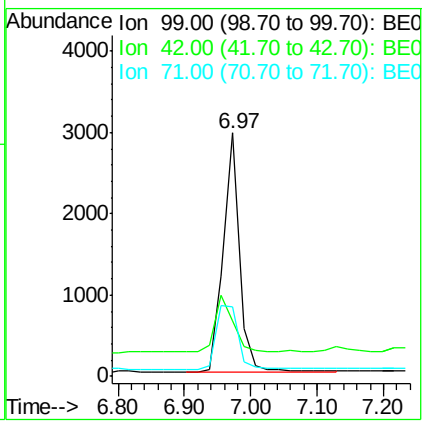


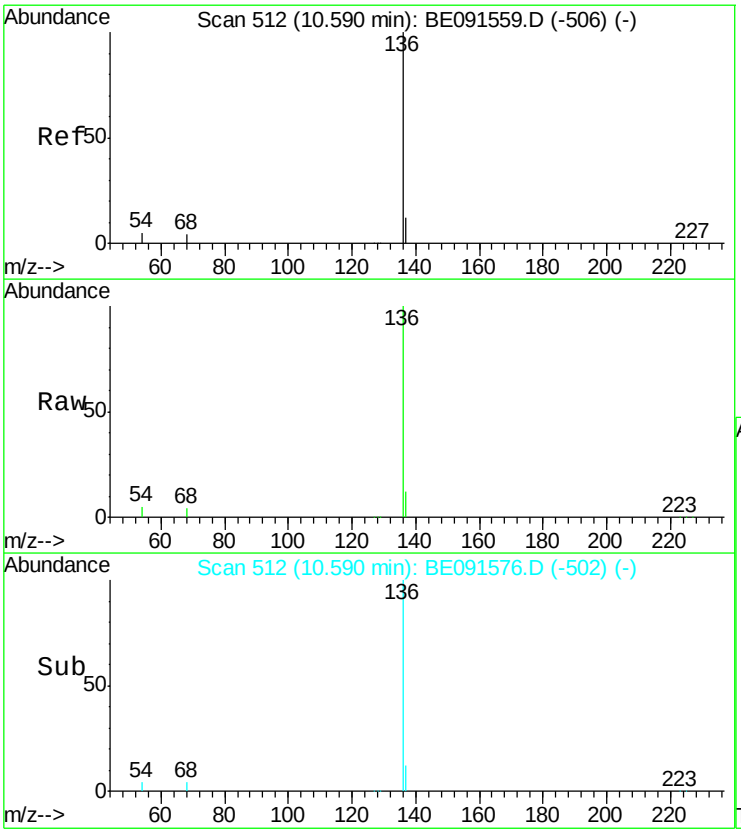
#5
Phenol-d6
Concen: 0.39 ng
RT: 6.97 min Scan# 252
Delta R.T. -0.02 min
Lab File: BE091576.D
Acq: 31 Mar 2016 4:46

Instrument :
BNA_E
ClientSampleId :
DFTPP

Tgt Ion: 99 Resp: 5033

Ion	Ratio	Lower	Upper
99	100		
42	26.6	20.6	30.8
71	36.6	29.0	43.4

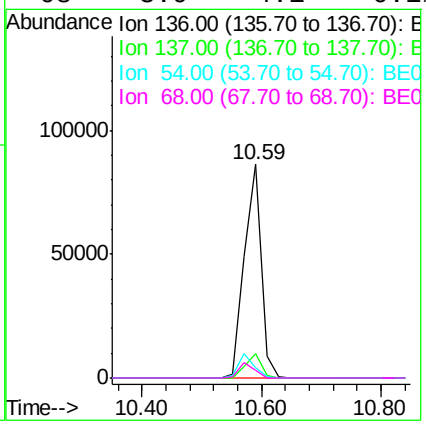


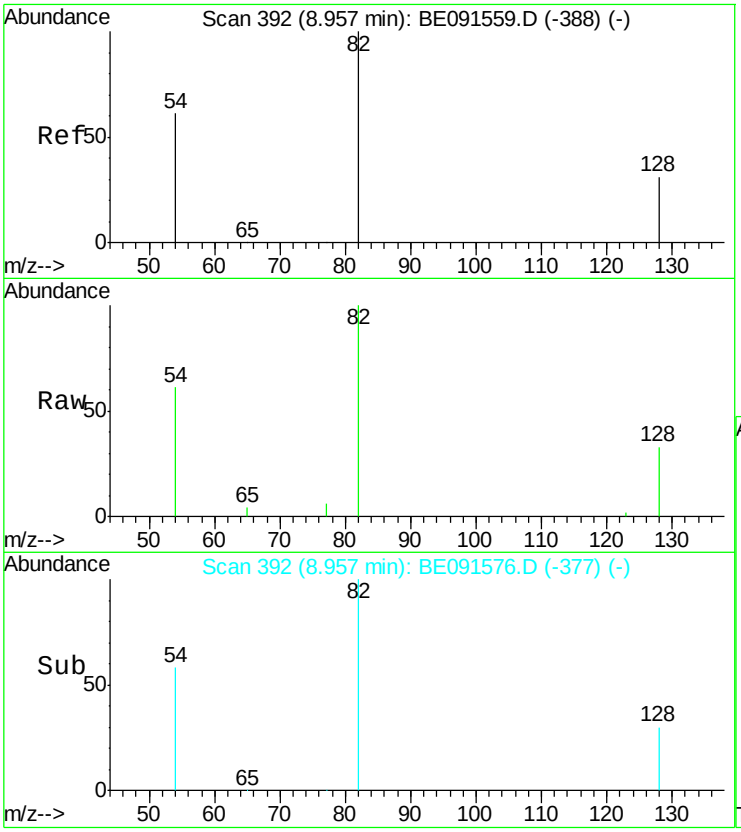


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.59 min Scan# 512
Delta R.T. -0.00 min
Lab File: BE091576.D
Acq: 31 Mar 2016 4:46

Tgt Ion:136 Resp: 168662

Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.8	13.2
54	4.6	5.2	7.8#
68	3.9	4.1	6.1#



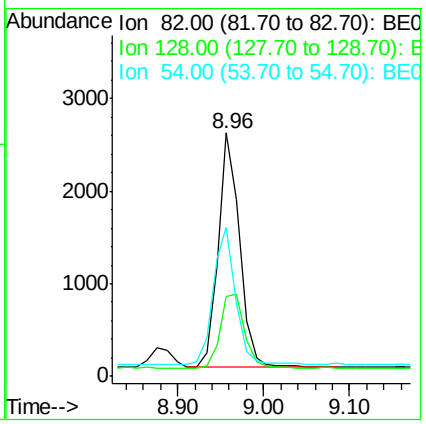


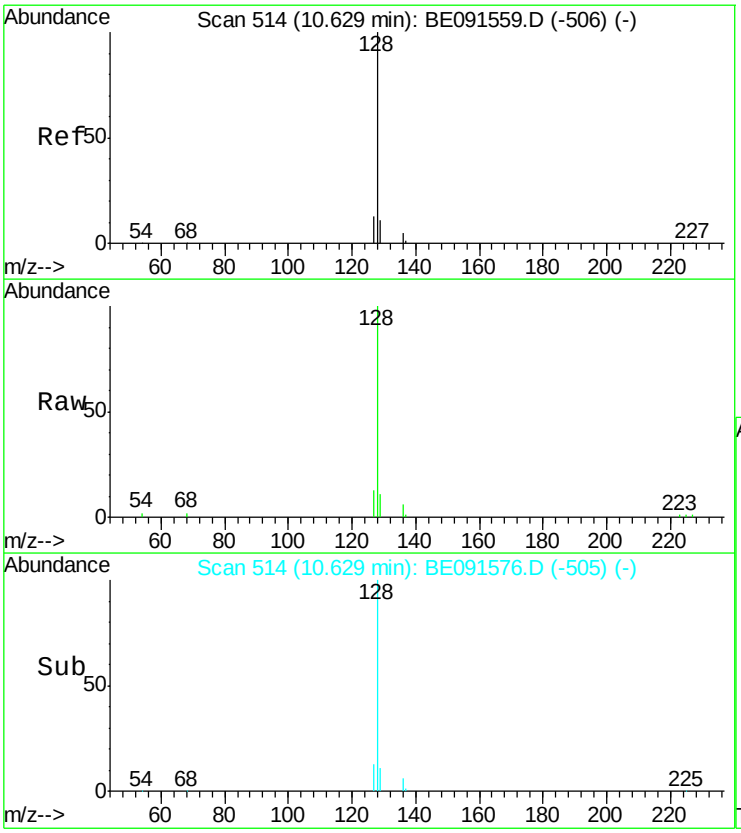
#7
Nitrobenzene-d5
Concen: 0.39 ng
RT: 8.96 min Scan# 392
Delta R.T. -0.02 min
Lab File: BE091576.D
Acq: 31 Mar 2016 4:46

Instrument :
BNA_E
ClientSampleId :
DFTPP

Tgt Ion: 82 Resp: 4383

Ion	Ratio	Lower	Upper
82	100		
128	32.6	23.5	35.3
54	61.2	52.4	78.6

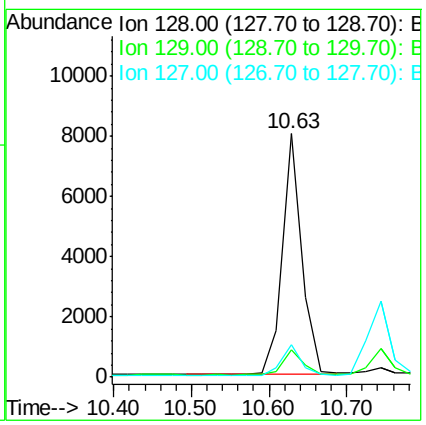


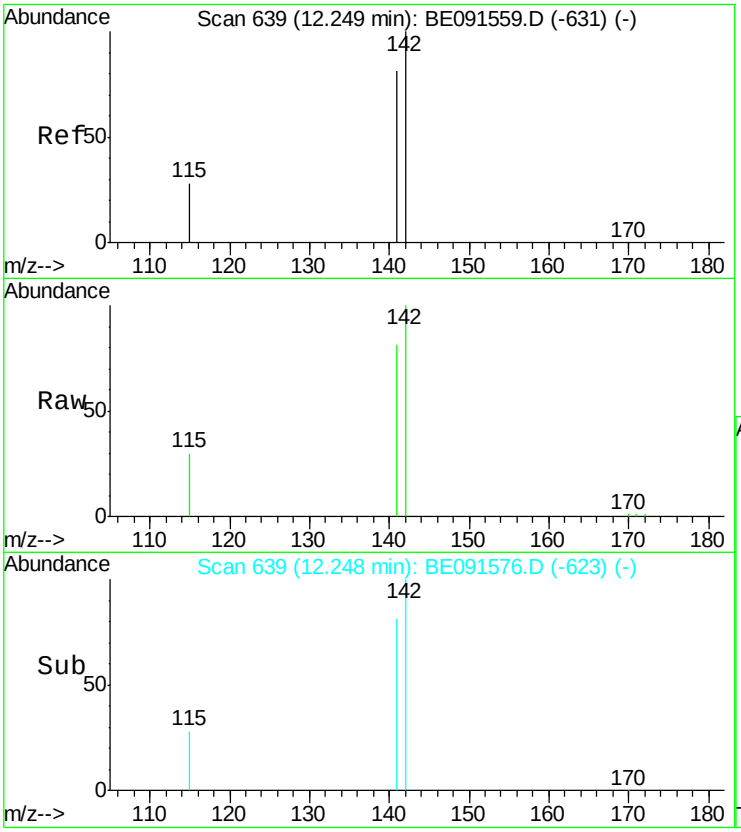


#8
Naphthalene
Concen: 0.40 ng
RT: 10.63 min Scan# 514
Delta R.T. -0.02 min
Lab File: BE091576.D
Acq: 31 Mar 2016 4:46

Tgt Ion:128 Resp: 13979

Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.2	12.2
127	13.5	11.8	17.8



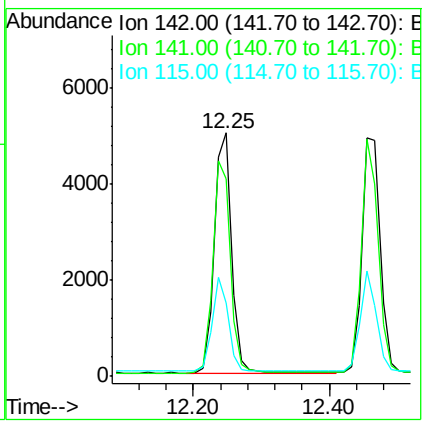


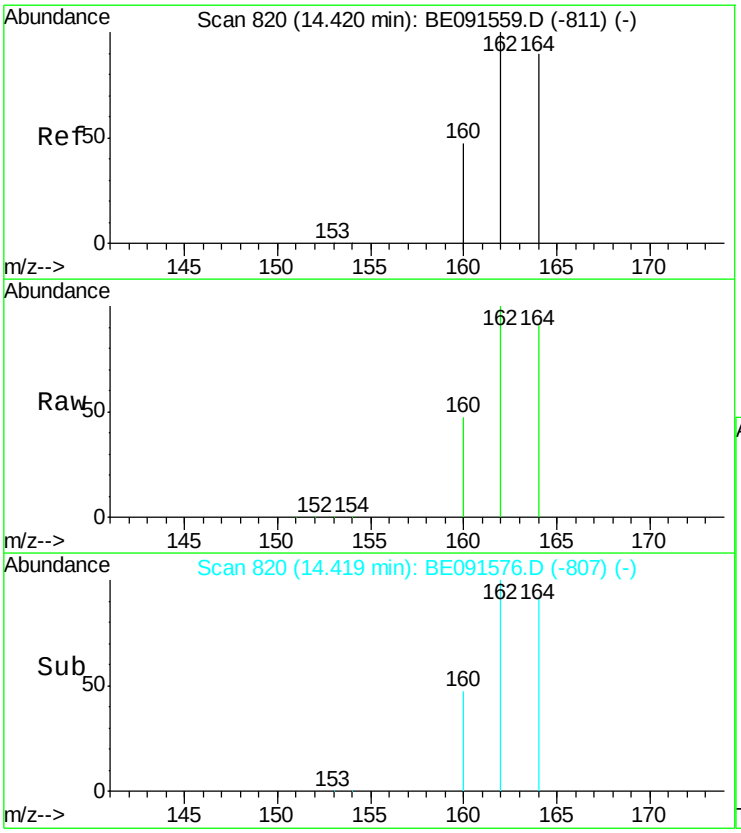
#9
2-Methylnaphthalene
Concen: 0.39 ng
RT: 12.25 min Scan# 639
Delta R.T. -0.01 min
Lab File: BE091576.D
Acq: 31 Mar 2016 4:46

Instrument :
BNA_E
ClientSampleId :
DFTPP

Tgt Ion:142 Resp: 8989

Ion	Ratio	Lower	Upper
142	100		
141	80.9	66.9	100.3
115	30.3	25.1	37.7

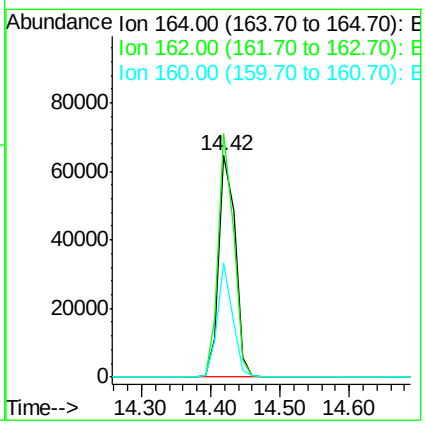


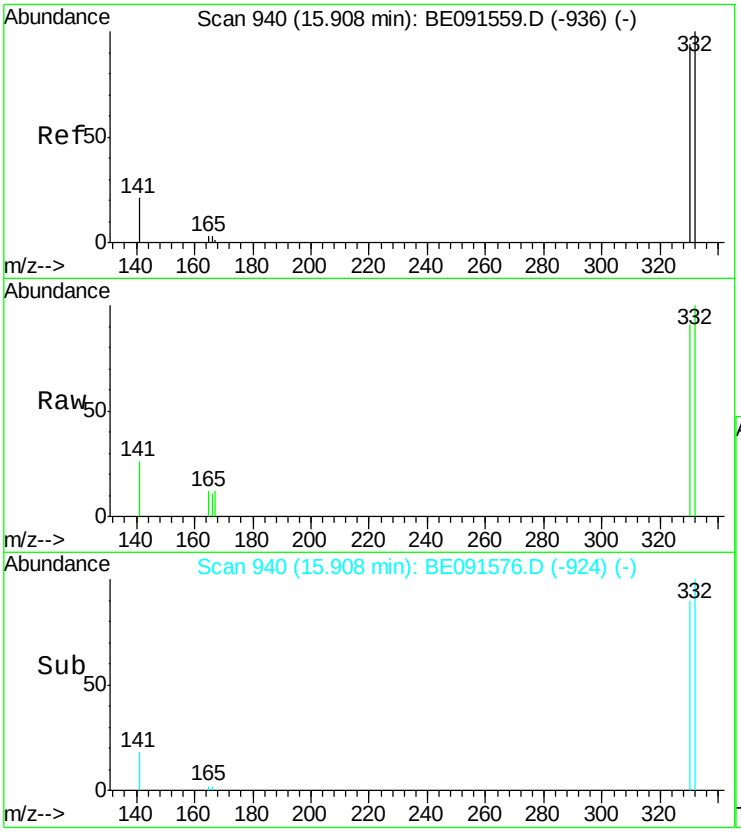


#10
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.42 min Scan# 820
Delta R.T. -0.03 min
Lab File: BE091576.D
Acq: 31 Mar 2016 4:46

Tgt Ion:164 Resp: 106180

Ion	Ratio	Lower	Upper
164	100		
162	110.0	84.4	126.6
160	51.7	37.7	56.5



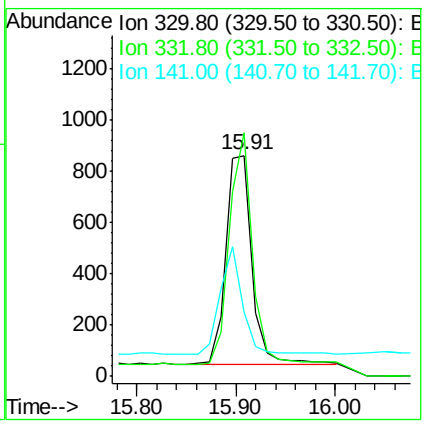


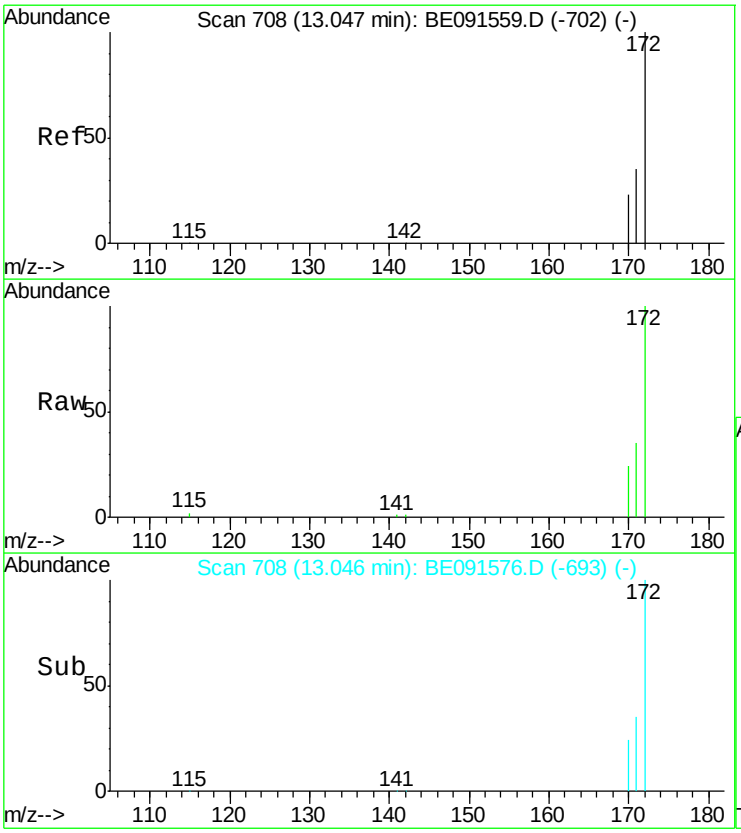
#11
2,4,6-Tribromophenol
Concen: 0.31 ng
RT: 15.91 min Scan# 940
Delta R.T. -0.01 min
Lab File: BE091576.D
Acq: 31 Mar 2016 4:46

Instrument :
BNA_E
ClientSampleId :
DFTPP

Tgt Ion:330 Resp: 1478

Ion	Ratio	Lower	Upper
330	100		
332	96.7	79.2	118.8
141	43.9	28.1	42.1#

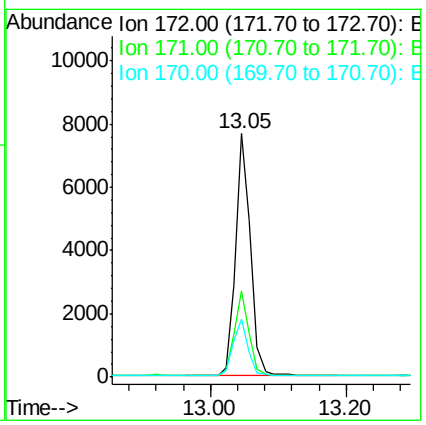


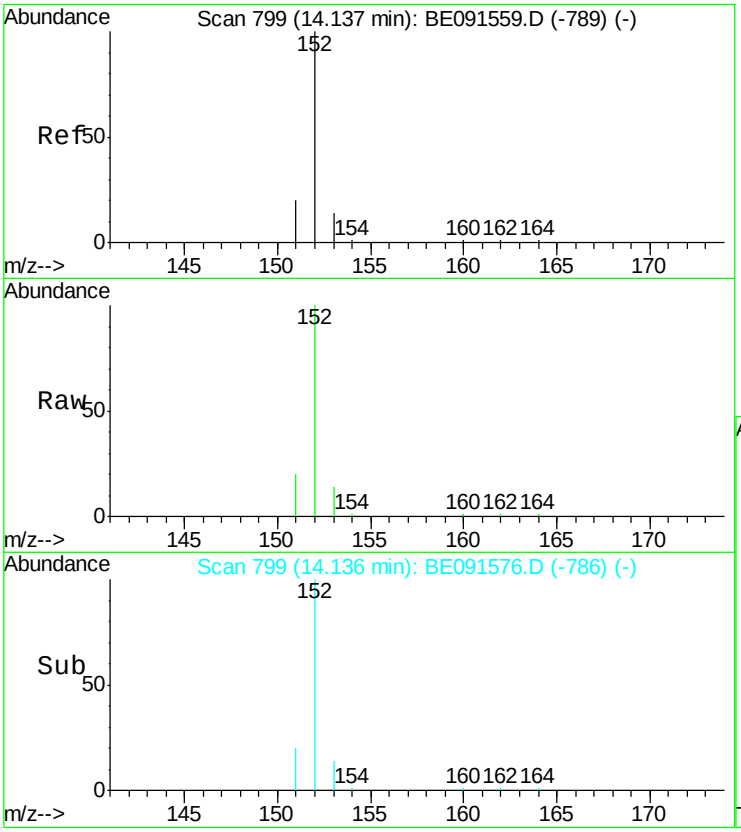


#12
2-Fluorobiphenyl
Concen: 0.39 ng
RT: 13.05 min Scan# 708
Delta R.T. -0.02 min
Lab File: BE091576.D
Acq: 31 Mar 2016 4:46

Tgt Ion:172 Resp: 11700

Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.8	44.8
170	24.1	21.4	32.2



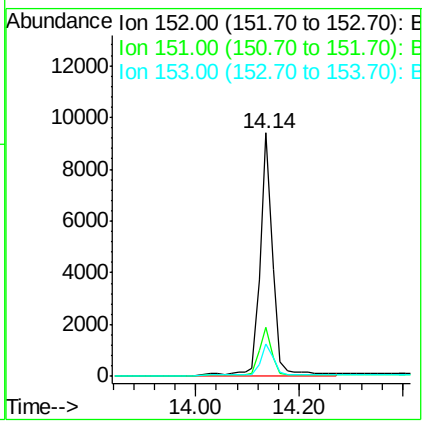


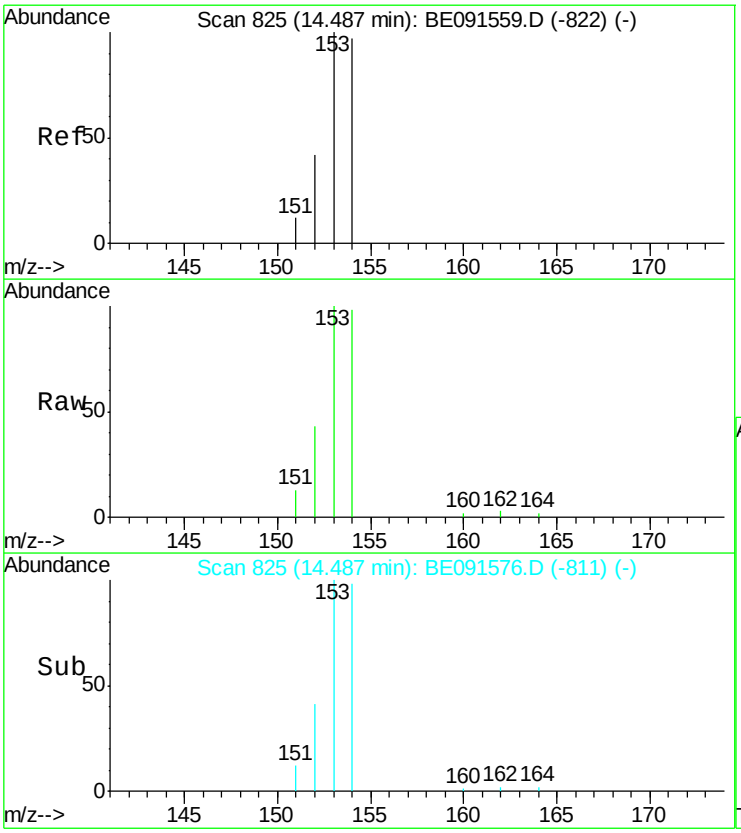
#13
Acenaphthylene
Concen: 0.40 ng
RT: 14.14 min Scan# 799
Delta R.T. -0.01 min
Lab File: BE091576.D
Acq: 31 Mar 2016 4:46

Instrument :
BNA_E
ClientSampleId :
DFTPP

Tgt Ion:152 Resp: 17306

Ion	Ratio	Lower	Upper
152	100		
151	17.8	16.3	24.5
153	18.3	11.1	16.7#

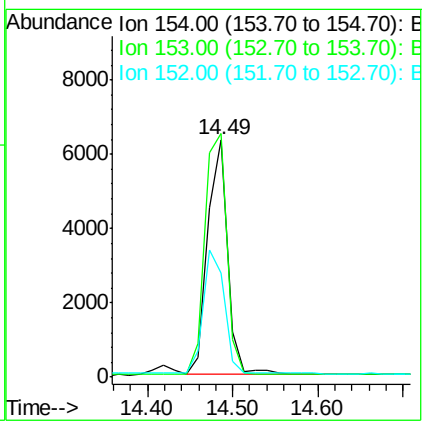


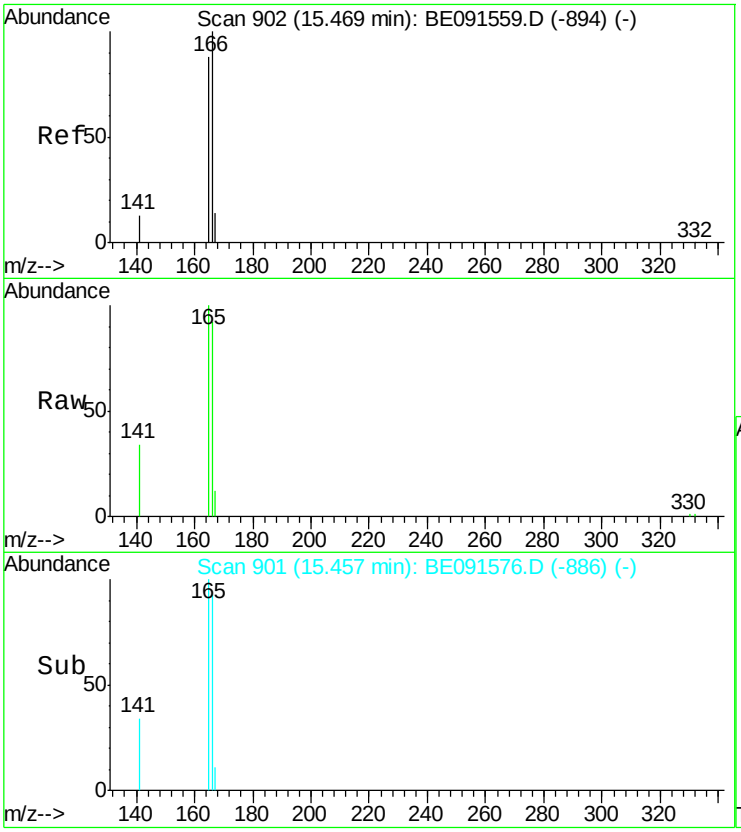


#14
Acenaphthene
Concen: 0.40 ng
RT: 14.49 min Scan# 825
Delta R.T. -0.01 min
Lab File: BE091576.D
Acq: 31 Mar 2016 4:46

Tgt Ion:154 Resp: 10413

Ion	Ratio	Lower	Upper
154	100		
153	111.9	87.3	130.9
152	55.1	42.9	64.3



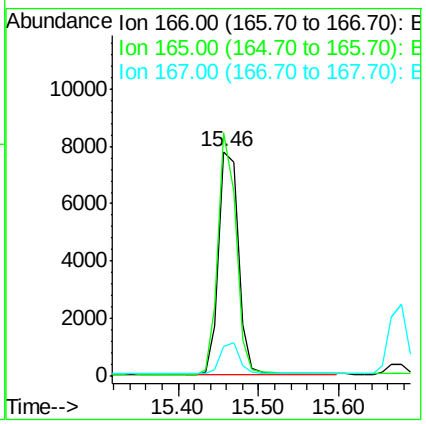


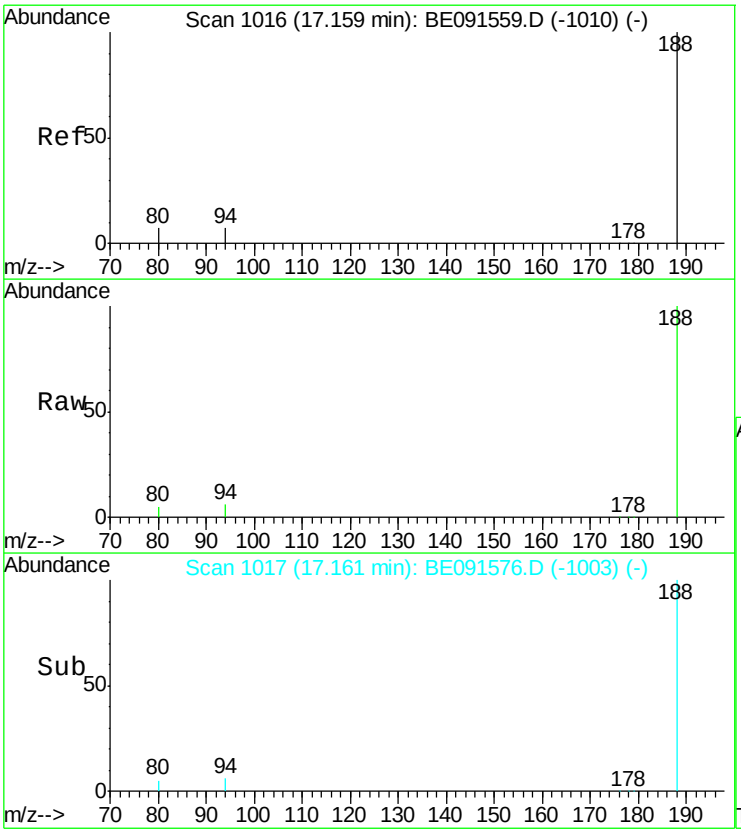
#15
Fluorene
Concen: 0.39 ng
RT: 15.46 min Scan# 901
Delta R.T. -0.02 min
Lab File: BE091576.D
Acq: 31 Mar 2016 4:46

Instrument :
BNA_E
ClientSampleId :
DFTPP

Tgt Ion:166 Resp: 13252

Ion	Ratio	Lower	Upper
166	100		
165	99.2	79.2	118.8
167	13.5	10.8	16.2

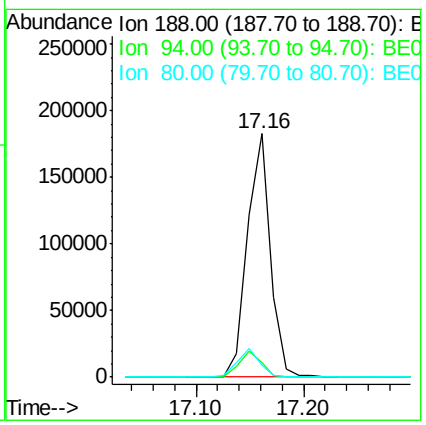


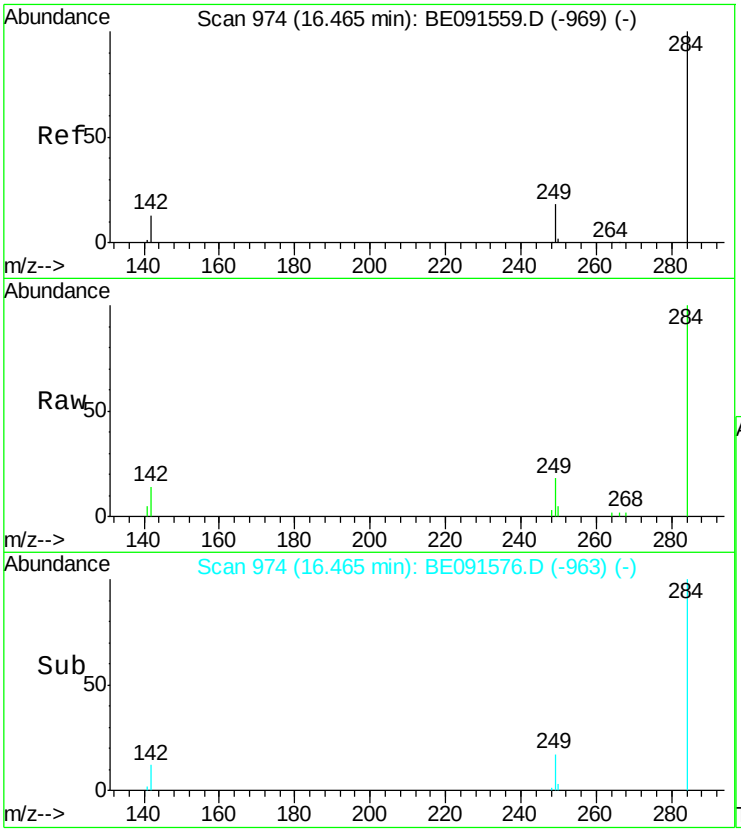


#16
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.16 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BE091576.D
Acq: 31 Mar 2016 4:46

Tgt Ion:188 Resp: 272172

Ion	Ratio	Lower	Upper
188	100		
94	5.9	5.4	8.2
80	5.1	5.0	7.4



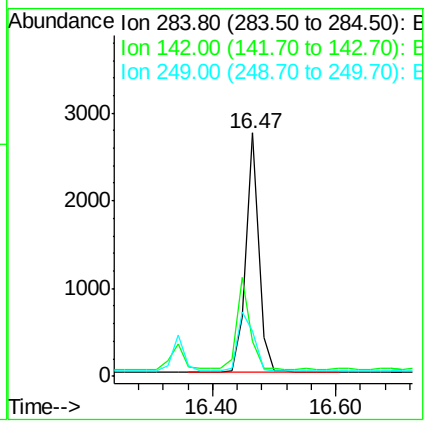


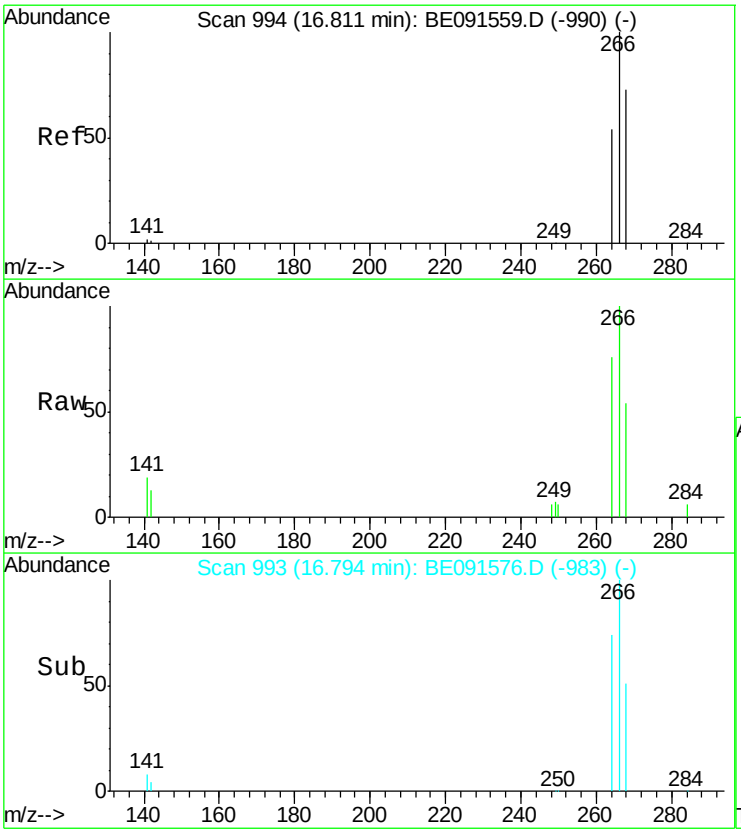
#17
Hexachlorobenzene
Concen: 0.39 ng
RT: 16.47 min Scan# 974
Delta R.T. -0.02 min
Lab File: BE091576.D
Acq: 31 Mar 2016 4:46

Instrument :
BNA_E
ClientSampleId :
DFTPP

Tgt Ion:284 Resp: 3917

Ion	Ratio	Lower	Upper
284	100		
142	40.2	31.0	46.4
249	31.4	25.8	38.8

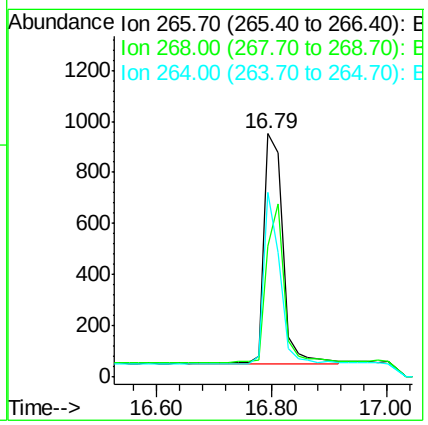


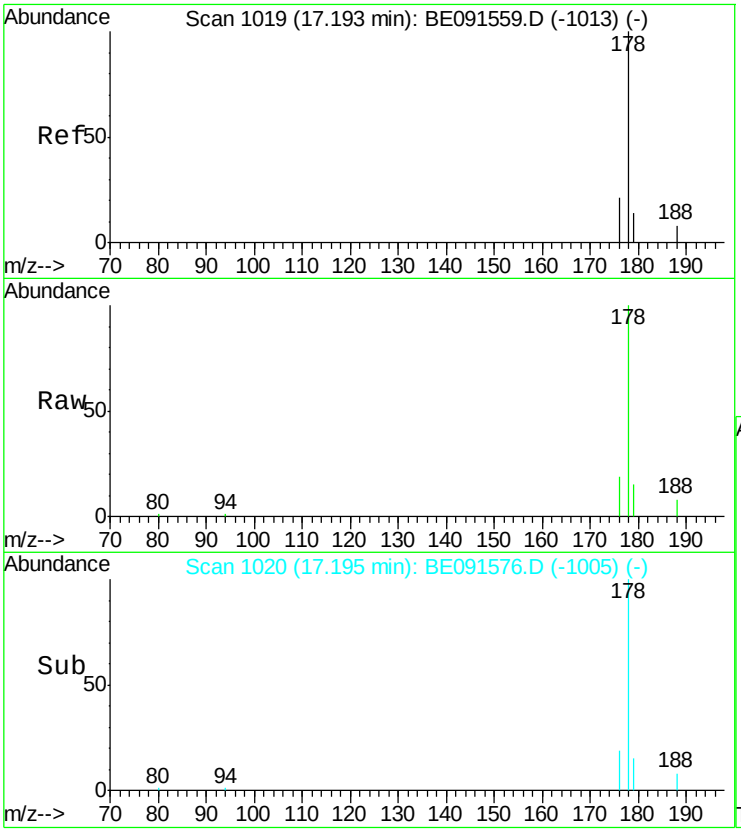


#18
Pentachlorophenol
Concen: 0.37 ng
RT: 16.79 min Scan# 993
Delta R.T. -0.03 min
Lab File: BE091576.D
Acq: 31 Mar 2016 4:46

Tgt Ion:266 Resp: 2057

Ion	Ratio	Lower	Upper
266	100		
268	54.0	48.2	72.2
264	75.7	52.1	78.1



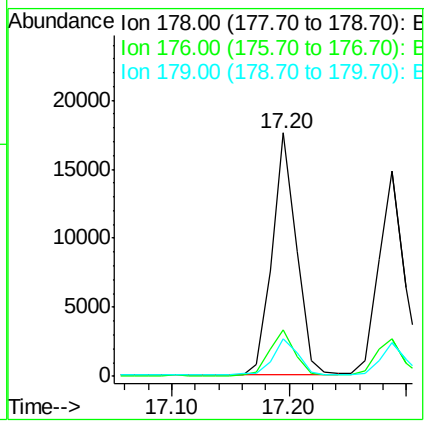


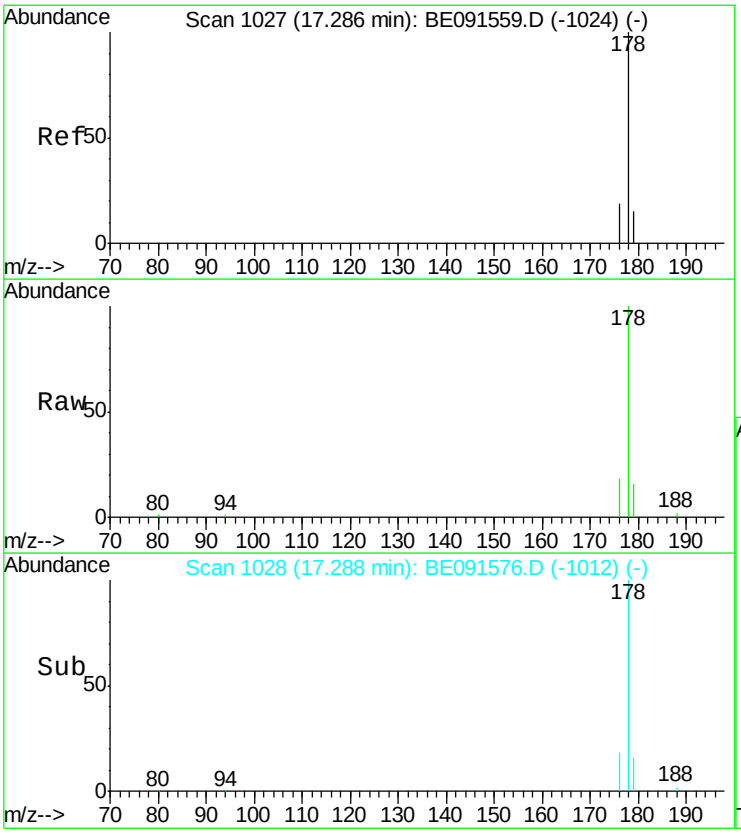
#19
Phenanthrene
Concen: 0.40 ng
RT: 17.20 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BE091576.D
Acq: 31 Mar 2016 4:46

Instrument :
BNA_E
ClientSampleId :
DFTPP

Tgt Ion:178 Resp: 25266

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.5	23.3
179	16.1	13.1	19.7

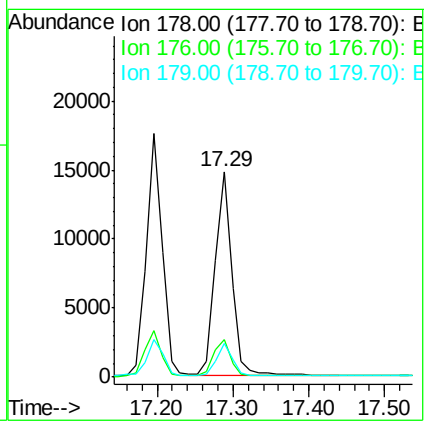


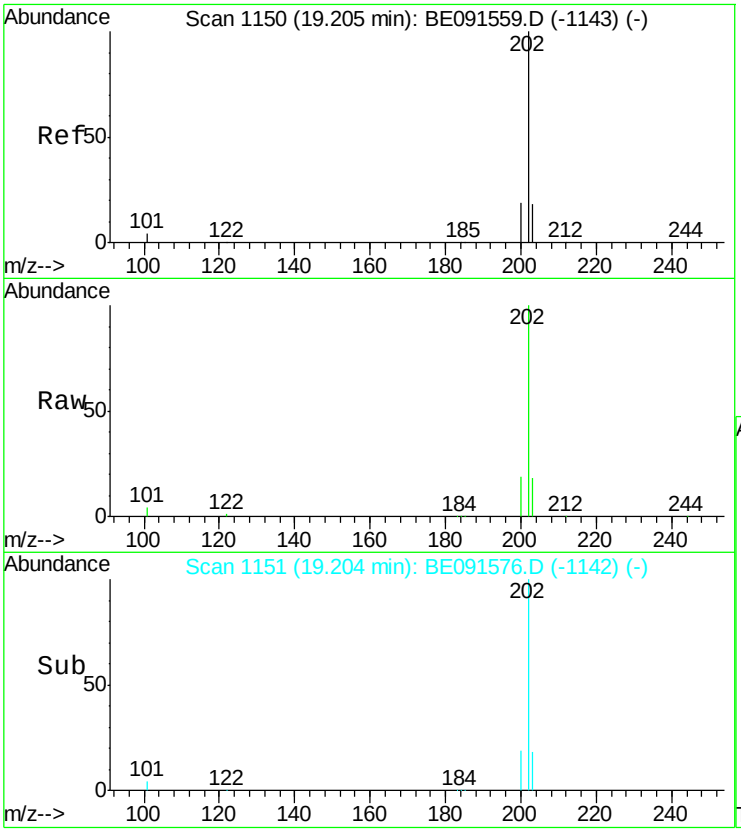


#20
Anthracene
Concen: 0.39 ng
RT: 17.29 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BE091576.D
Acq: 31 Mar 2016 4:46

Tgt Ion:178 Resp: 22651

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.9	22.3
179	15.0	12.2	18.4



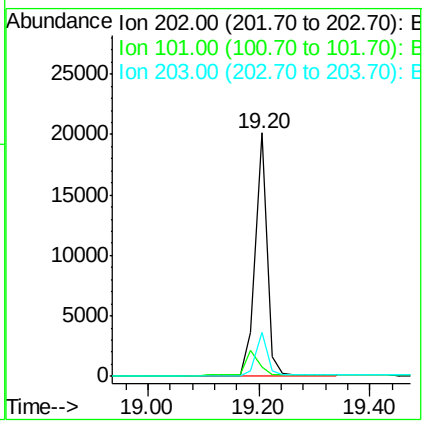


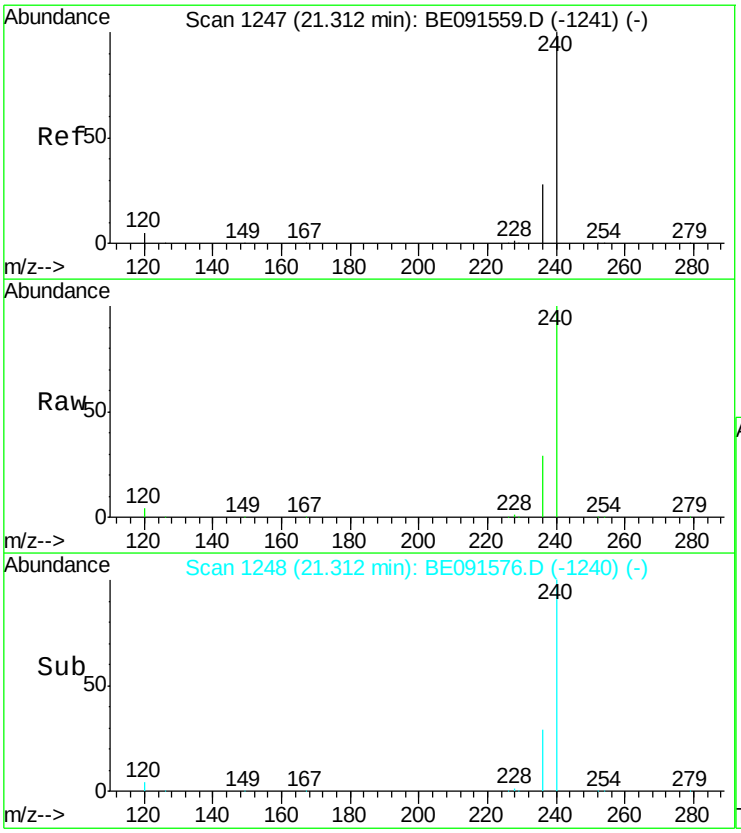
#21
Fluoranthene
Concen: 0.39 ng
RT: 19.20 min Scan# 1151
Delta R.T. -0.02 min
Lab File: BE091576.D
Acq: 31 Mar 2016 4:46

Instrument :
BNA_E
ClientSampleId :
DFTPP

Tgt Ion:202 Resp: 29507

Ion	Ratio	Lower	Upper
202	100		
101	11.4	8.3	12.5
203	17.7	13.9	20.9

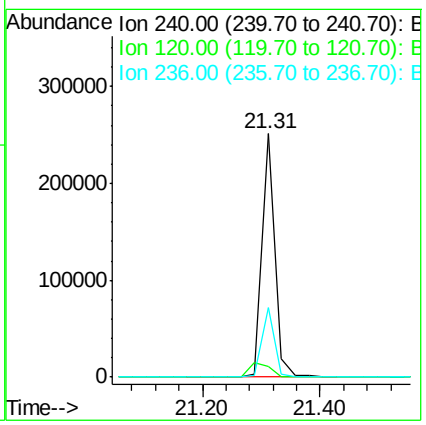


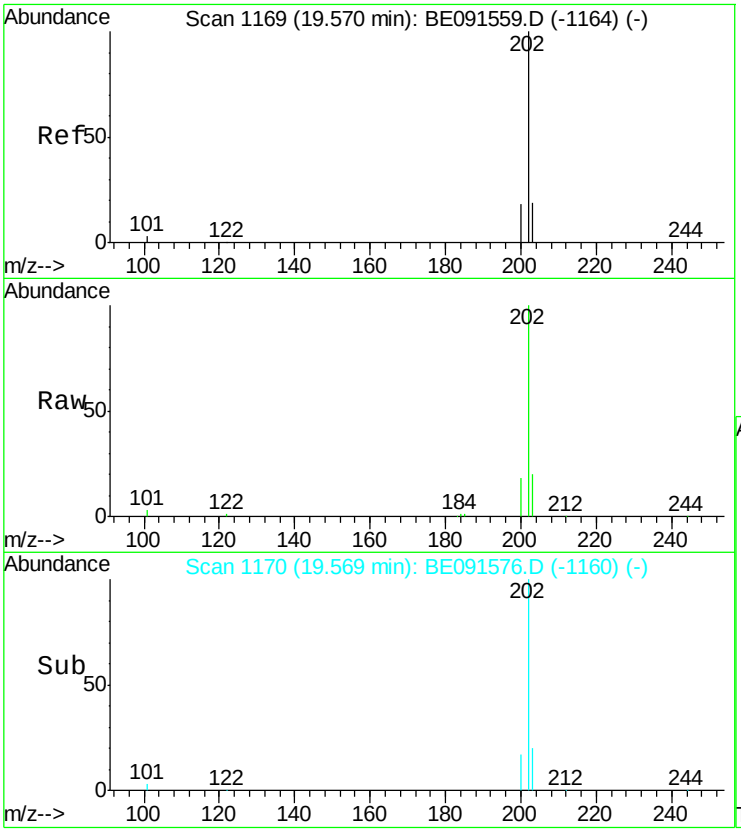


#22
Chrysene-d12
Concen: 5.00 ng
RT: 21.31 min Scan# 1248
Delta R.T. -0.02 min
Lab File: BE091576.D
Acq: 31 Mar 2016 4:46

Tgt Ion:240 Resp: 383127

Ion	Ratio	Lower	Upper
240	100		
120	4.2	4.0	6.0
236	28.6	23.0	34.4



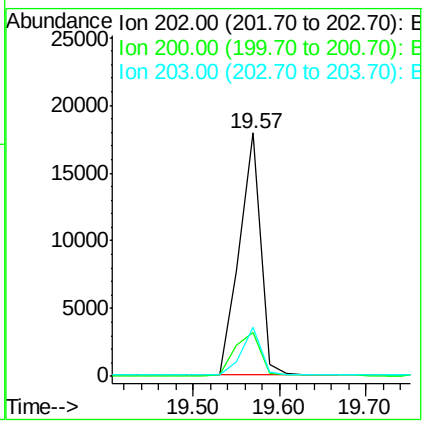


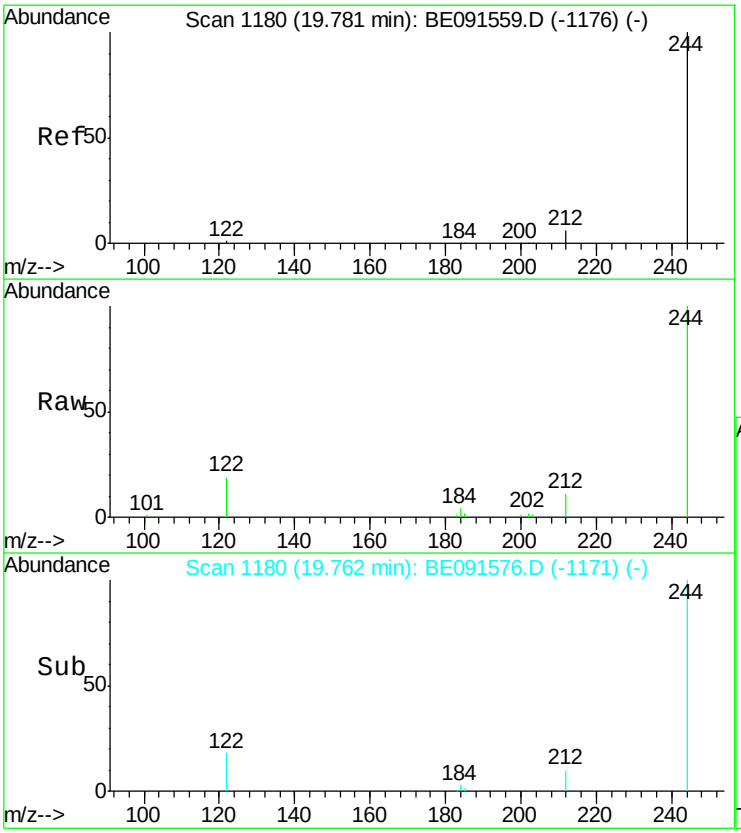
#23
Pyrene
Concen: 0.39 ng
RT: 19.57 min Scan# 1170
Delta R.T. -0.00 min
Lab File: BE091576.D
Acq: 31 Mar 2016 4:46

Instrument :
BNA_E
ClientSampleId :
DFTPP

Tgt Ion:202 Resp: 30788

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.4	24.6
203	18.3	14.6	21.8

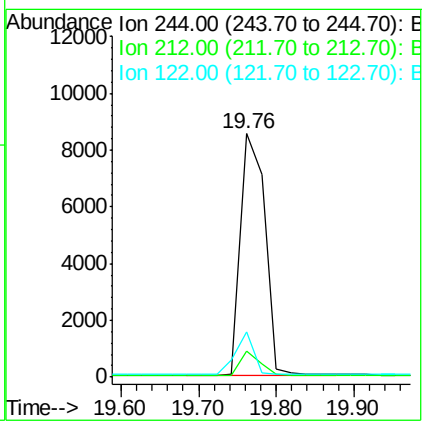


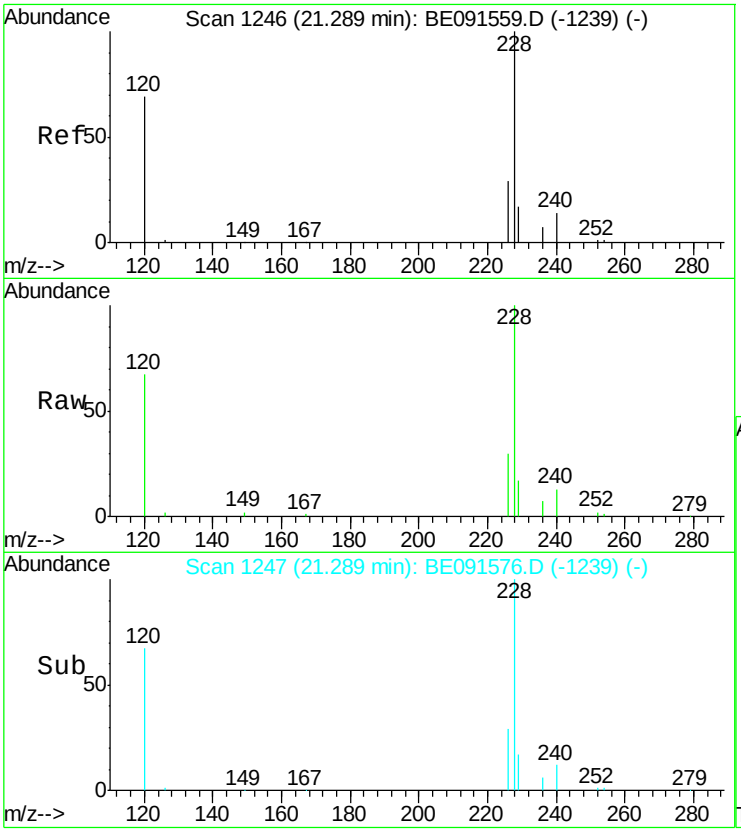


#24
Terphenyl-d14
Concen: 0.38 ng
RT: 19.76 min Scan# 1180
Delta R.T. -0.02 min
Lab File: BE091576.D
Acq: 31 Mar 2016 4:46

Tgt Ion:244 Resp: 18575

Ion	Ratio	Lower	Upper
244	100		
212	10.6	5.8	8.8#
122	18.7	1.8	2.8#



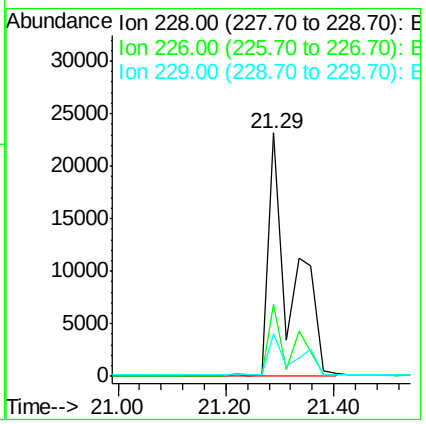


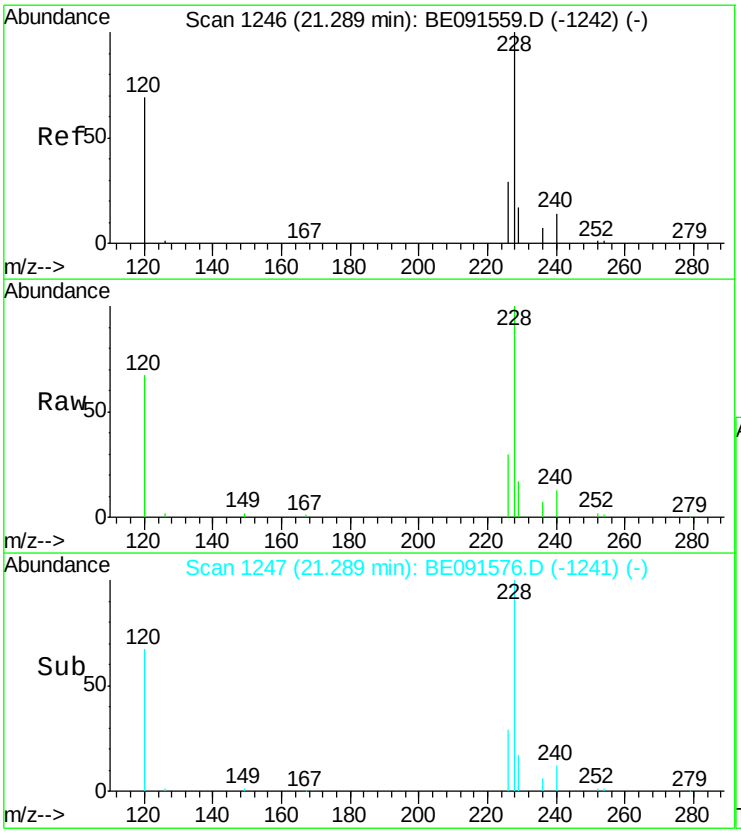
#25
Benzo(a)anthracene
Concen: 0.75 ng
RT: 21.29 min Scan# 1247
Delta R.T. -0.02 min
Lab File: BE091576.D
Acq: 31 Mar 2016 4:46

Instrument :
BNA_E
ClientSampleId :
DFTPP

Tgt Ion:228 Resp: 67587

Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.0	36.0
229	17.5	13.8	20.6

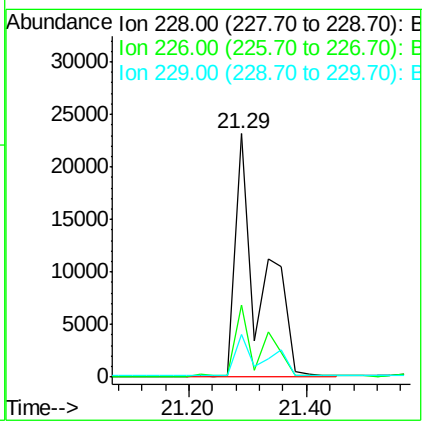


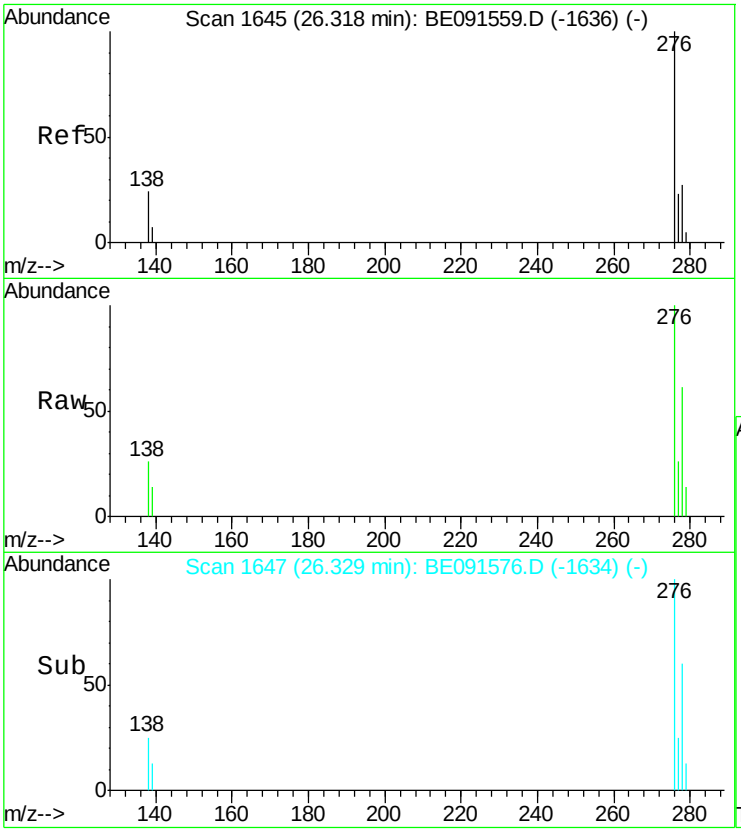


#26
Chrysene
Concen: 0.88 ng
RT: 21.29 min Scan# 1247
Delta R.T. -0.07 min
Lab File: BE091576.D
Acq: 31 Mar 2016 4:46

Tgt Ion:228 Resp: 67899

Ion	Ratio	Lower	Upper
228	100		
226	29.6	18.9	28.3#
229	17.5	19.1	28.7#



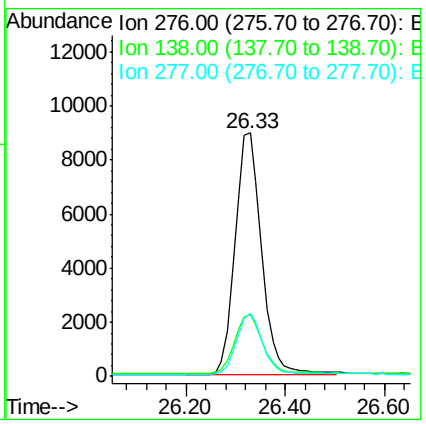


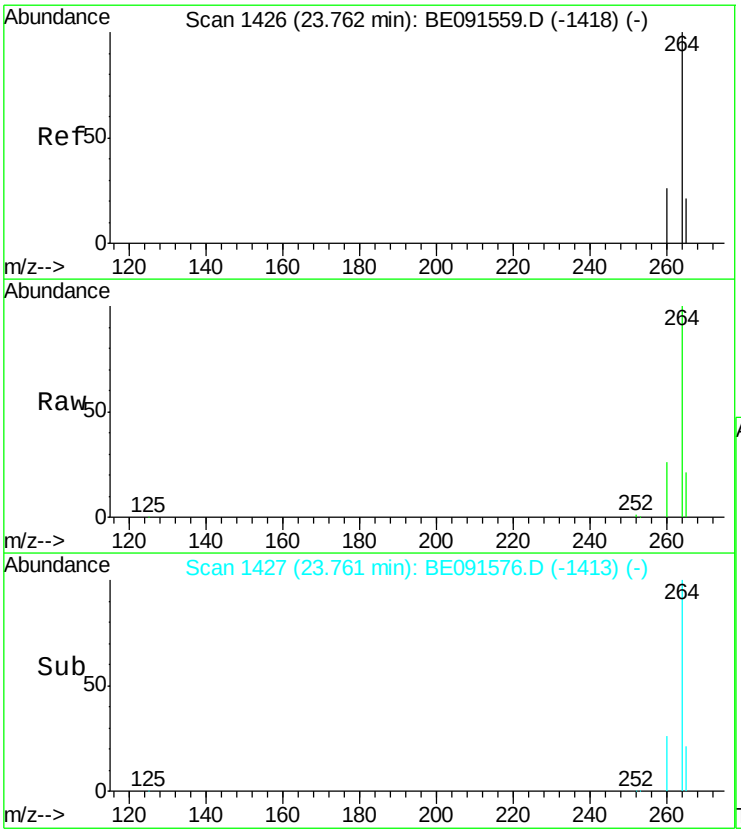
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.37 ng
RT: 26.33 min Scan# 1647
Delta R.T. -0.05 min
Lab File: BE091576.D
Acq: 31 Mar 2016 4:46

Instrument :
BNA_E
ClientSampleId :
DFTPP

Tgt Ion:276 Resp: 33201

Ion	Ratio	Lower	Upper
276	100		
138	25.5	20.2	30.4
277	25.0	19.8	29.8

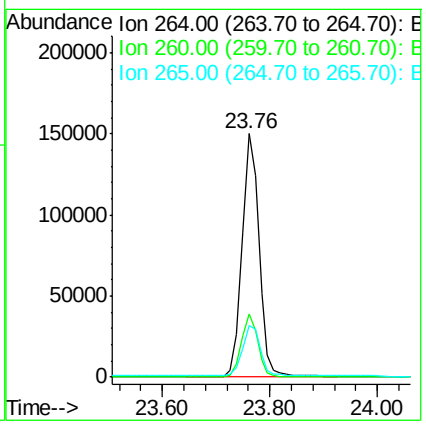


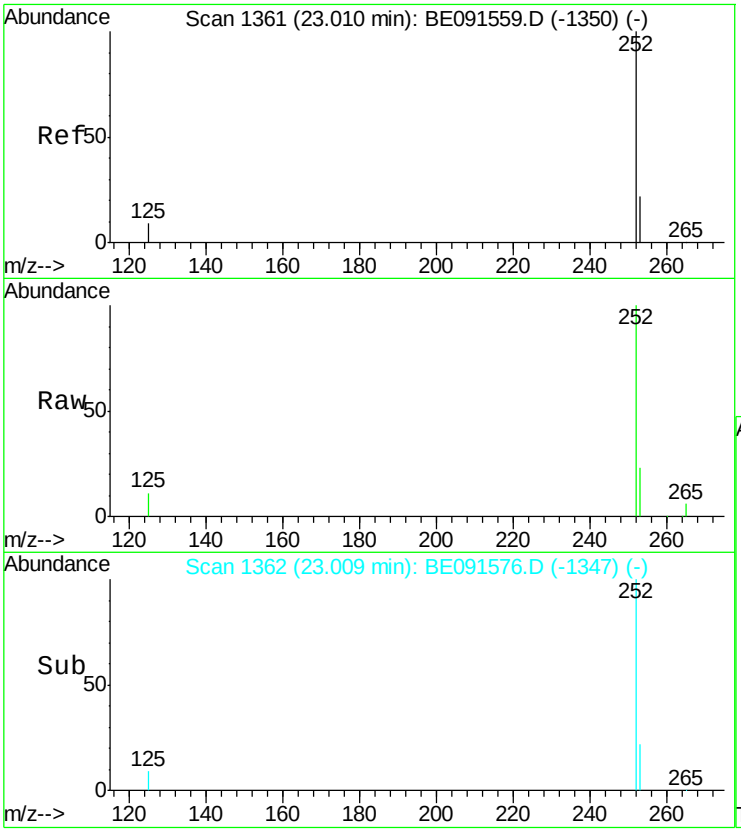


#28
Perylene-d12
Concen: 5.00 ng
RT: 23.76 min Scan# 1427
Delta R.T. -0.03 min
Lab File: BE091576.D
Acq: 31 Mar 2016 4:46

Tgt Ion:264 Resp: 328966

Ion	Ratio	Lower	Upper
264	100		
260	25.9	20.1	30.1
265	21.5	18.3	27.5



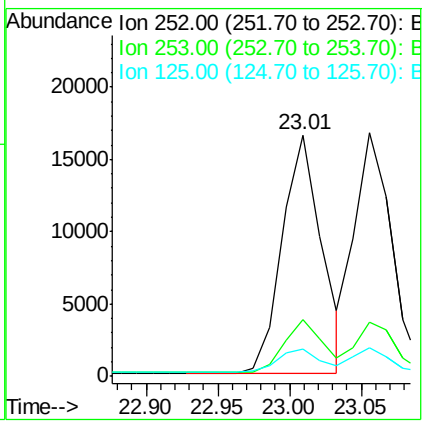


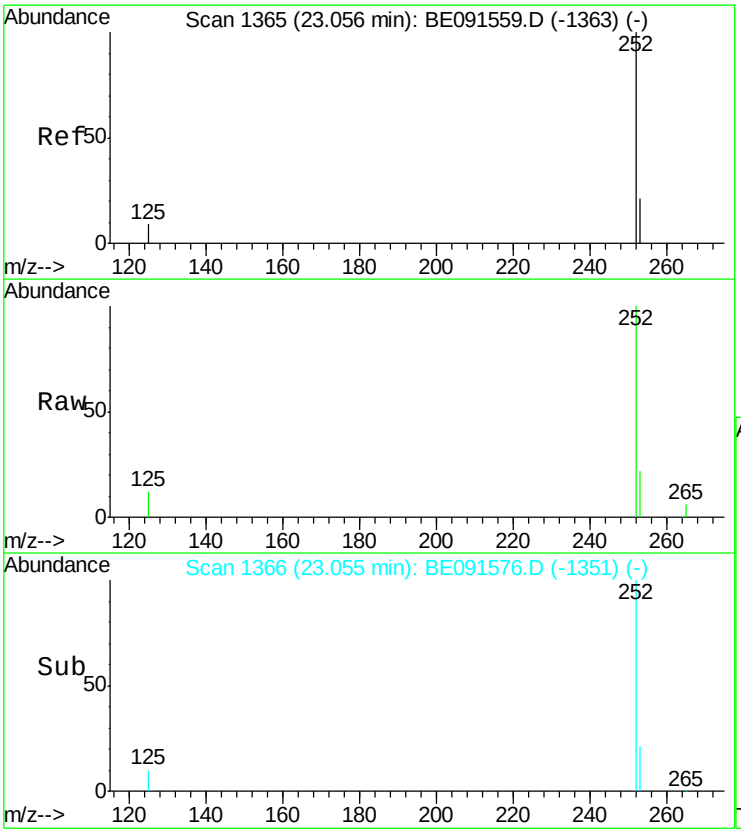
#29
Benzo(b)fluoranthene
Concen: 0.40 ng
RT: 23.01 min Scan# 1362
Delta R.T. -0.02 min
Lab File: BE091576.D
Acq: 31 Mar 2016 4:46

Instrument :
BNA_E
ClientSampleId :
DFTPP

Tgt Ion:252 Resp: 31537

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.7	28.1
125	11.3	9.8	14.6

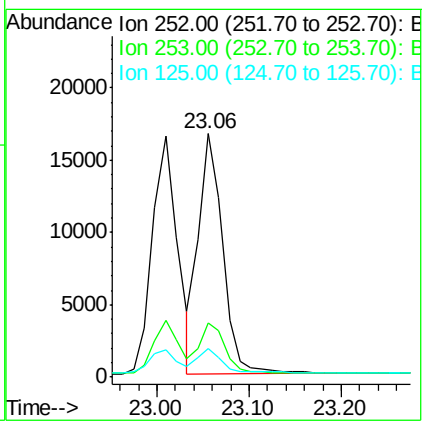


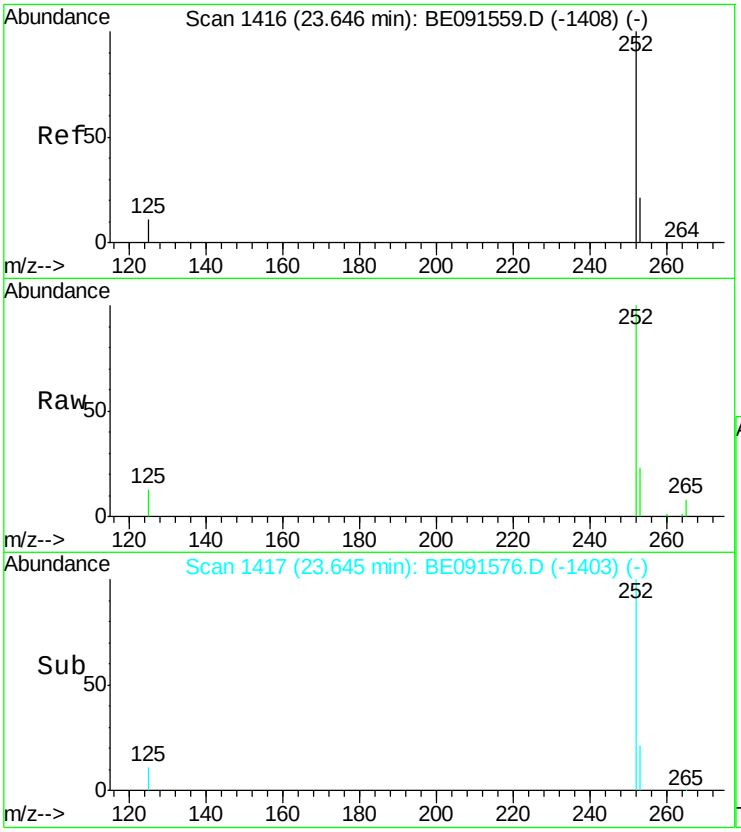


#30
Benzo(k)fluoranthene
Concen: 0.39 ng
RT: 23.06 min Scan# 1366
Delta R.T. -0.02 min
Lab File: BE091576.D
Acq: 31 Mar 2016 4:46

Tgt Ion:252 Resp: 30415

Ion	Ratio	Lower	Upper
252	100		
253	22.3	20.2	30.4
125	11.5	9.4	14.2



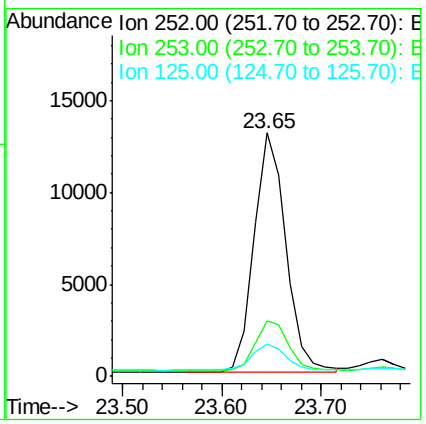


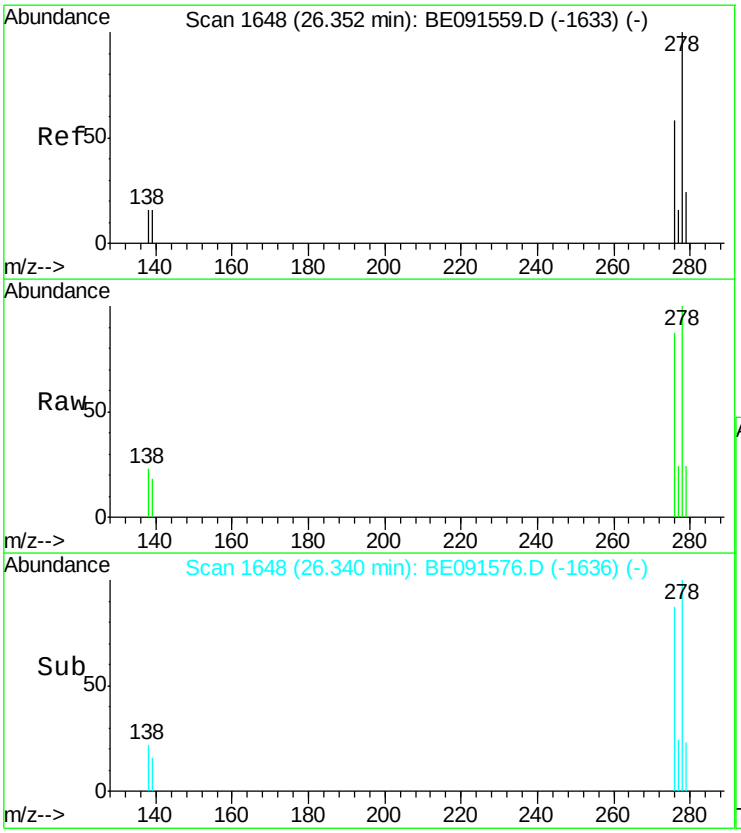
#31
Benzo(a)pyrene
Concen: 0.40 ng
RT: 23.65 min Scan# 1417
Delta R.T. -0.03 min
Lab File: BE091576.D
Acq: 31 Mar 2016 4:46

Instrument :
BNA_E
ClientSampleId :
DFTPP

Tgt Ion:252 Resp: 29030

Ion	Ratio	Lower	Upper
252	100		
253	22.7	19.4	29.0
125	13.4	11.4	17.2

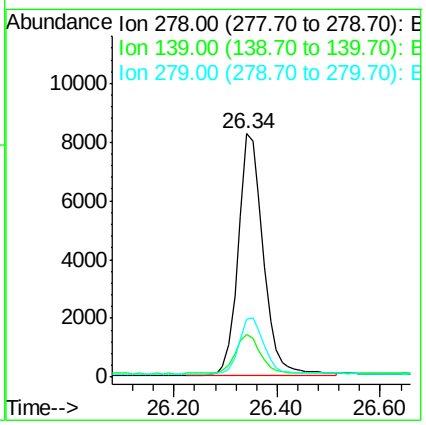


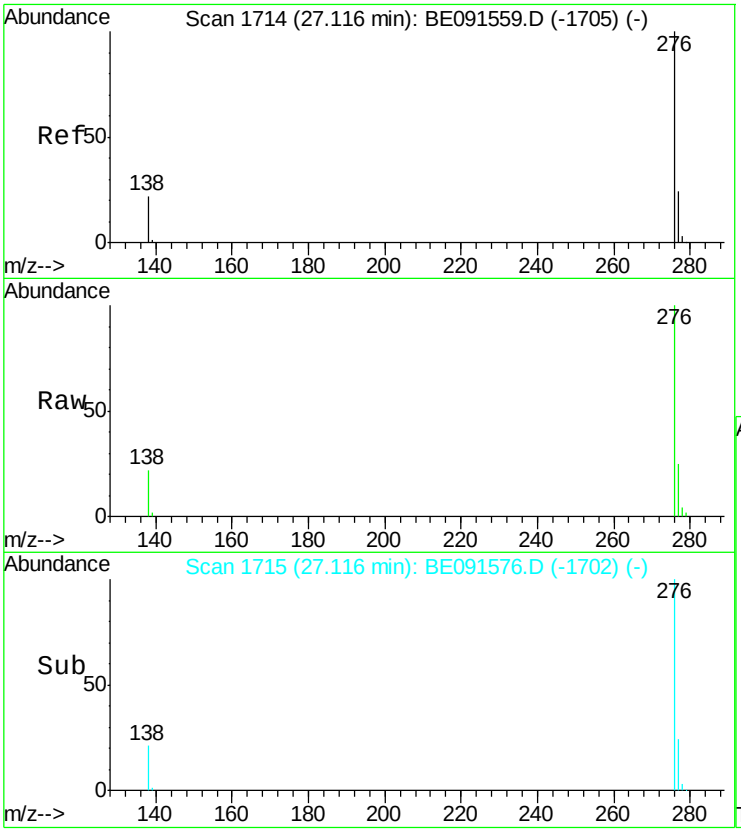


#32
Dibenzo(a,h)anthracene
Concen: 0.39 ng
RT: 26.34 min Scan# 1648
Delta R.T. -0.06 min
Lab File: BE091576.D
Acq: 31 Mar 2016 4:46

Tgt Ion:278 Resp: 27725

Ion	Ratio	Lower	Upper
278	100		
139	17.5	14.2	21.4
279	23.6	19.6	29.4





#33
Benzo(g,h,i)perylene
Concen: 0.39 ng
RT: 27.12 min Scan# 1715
Delta R.T. -0.05 min
Lab File: BE091576.D
Acq: 31 Mar 2016 4:46

Instrument :
BNA_E
ClientSampleId :
DFTPP

Tgt Ion:276 Resp: 28337

Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.4	29.2
138	21.8	18.2	27.4