Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE103114\
Data File : BE088425.D
Acq On : 31 Oct 2014 16:28
Operator : TP/JJ
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.8

Manual Integrations APPROVED
mohammad
11/4/2014 9:05:41 AM

Quant Time: Oct 31 23:39:19 2014
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIM-PAH-BE103114.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 01 00:20:37 2014
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.09	152	39809	5.00	ng	0.00
3) Naphthalene-d8	8.65	136	152540	5.00	ng	0.00
7) Acenaphthene-d10	10.79	164	72025	5.00	ng	0.00
12) Phenanthrene-d10	12.90	188	136446	5.00	ng	0.00
16) Chrysene-d12	18.31	240	66224	5.00	ng	0.00
22) Perylene-d12	21.37	264	57595	5.00	ng	0.00
System Monitoring Compounds						
4) Nitrobenzene-d5	7.77	82	7452	0.67	ng	0.00
8) 2-Fluorobiphenyl	9.98	172	13684	0.67	ng	0.00
18) Terphenyl-d14	16.07	244	8112	0.67	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.37	88	3493	0.67	ng	99
5) Naphthalene	8.67	128	21374	0.67	ng	100
6) 2-Methylnaphthalene	9.52	142	13287	0.67	ng	99
9) Acenaphthylene	10.62	152	78333	0.66	ng	99
10) Acenaphthene	10.84	154	11565	0.66	ng	98
11) Fluorene	11.50	166	12610	0.68	ng	100
13) Phenanthrene	12.94	178	91607	0.66	ng	99
14) Anthracene	13.02	178	68387	0.68	ng	99
15) Fluoranthene	15.18	202	13654	0.68	ng	100
17) Pyrene	15.63	202	14502	0.67	ng	100
19) Benzo(a)anthracene	18.29	228	40803	0.65	ng	99
20) Chrysene	18.36	228	40800	0.66	ng	99
21) Indeno(1,2,3-cd)pyrene	23.54	276	37243m	0.64	ng	
23) Benzo(b)fluoranthene	20.61	252	8322	0.66	ng	100
24) Benzo(k)fluoranthene	20.67	252	9382	0.67	ng	99
25) Benzo(a)pyrene	21.26	252	8057	0.67	ng	99
26) Dibenzo(a,h)anthracene	23.64	278	7534	0.67	ng	98
27) Benzo(g,h,i)perylene	24.17	276	34508	0.67	ng	99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE103114\
Data File : BE088425.D
Acq On : 31 Oct 2014 16:28
Operator : TP/JJ
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 31 23:39:19 2014
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QLast Update : Sat Nov 01 00:20:37 2014
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Manual Integrations APPROVED
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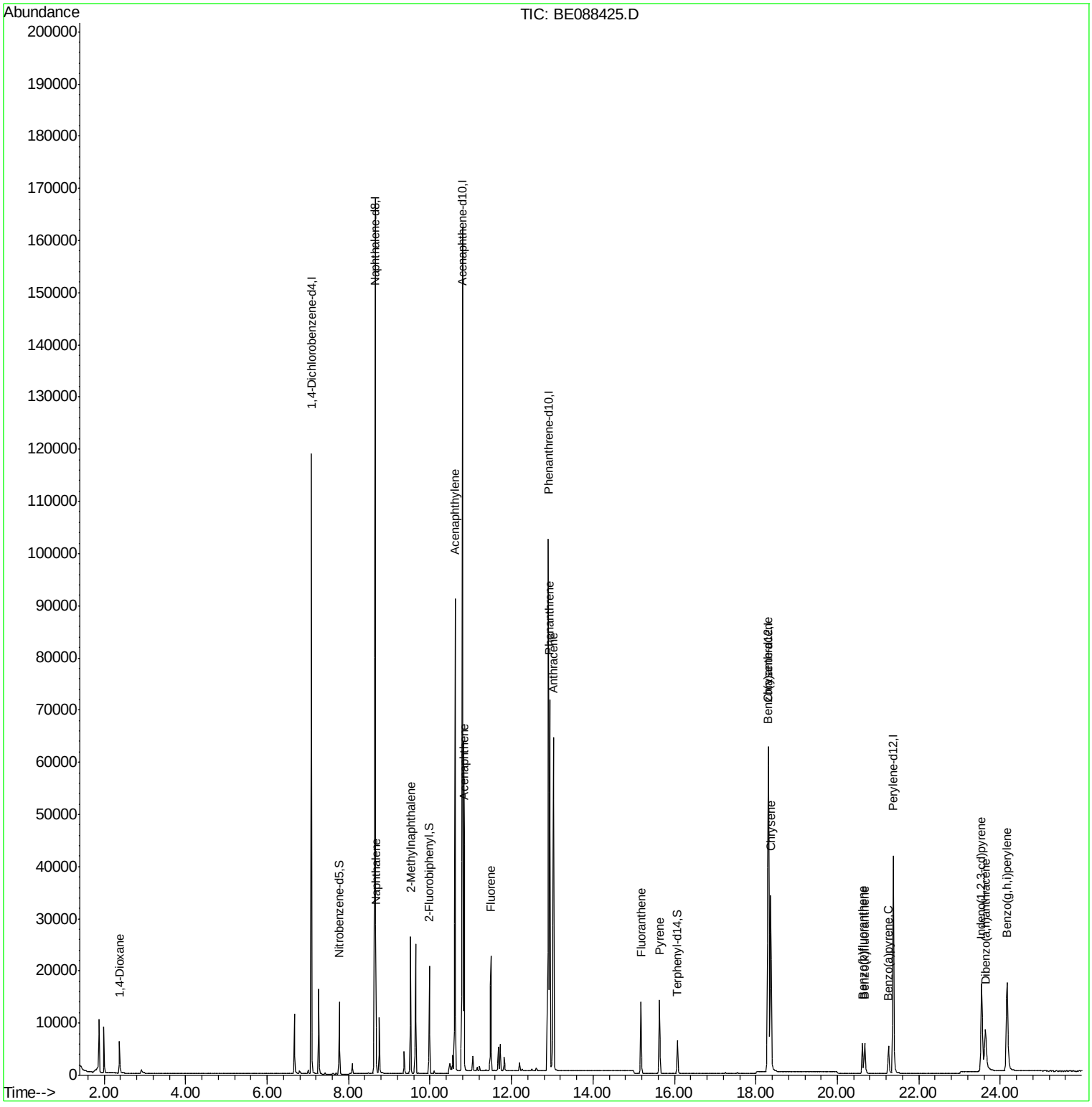
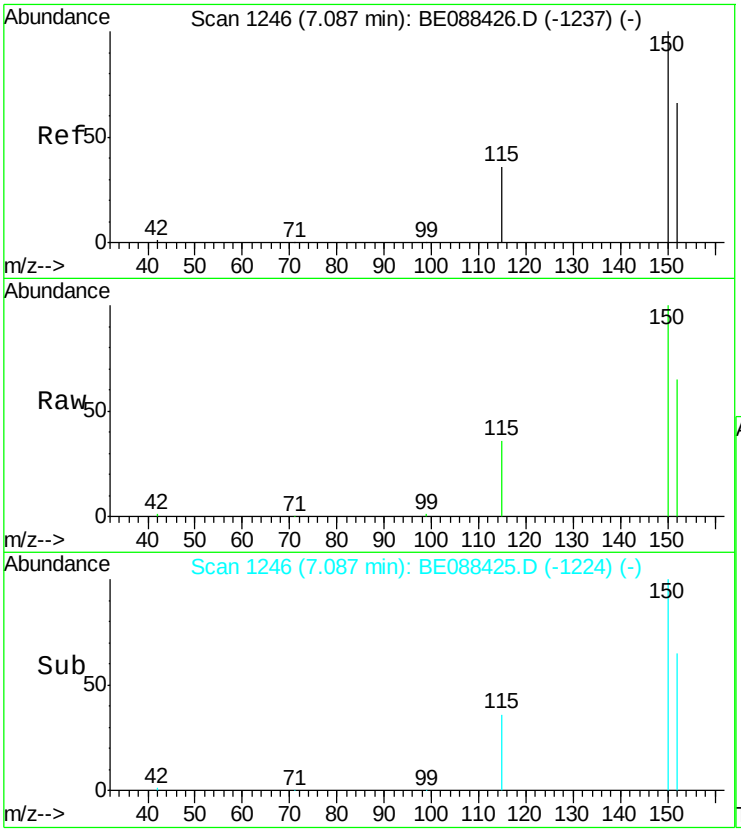
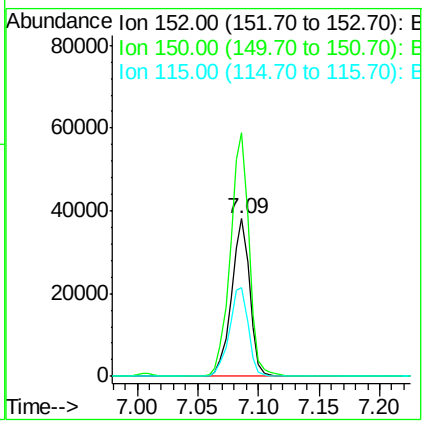




#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.09 min Scan# 1246
Delta R.T. -0.00 min
Lab File: BE088425.D
Acq: 31 Oct 2014 16:28

Tgt Ion:152 Resp: 39809

Ion	Ratio	Lower	Upper
152	100		
150	154.5	121.8	182.8
115	56.4	43.9	65.9



Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

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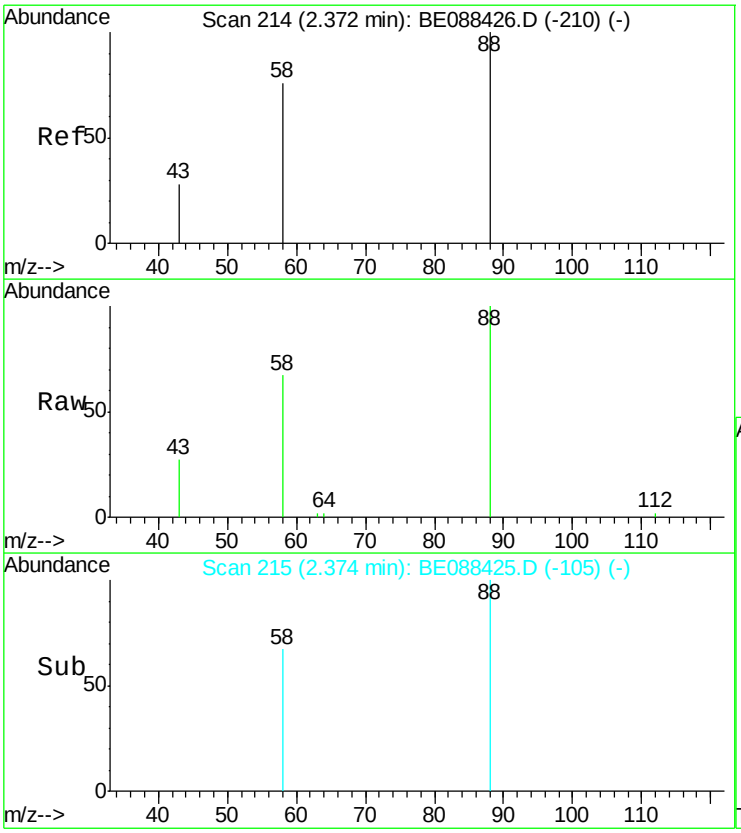
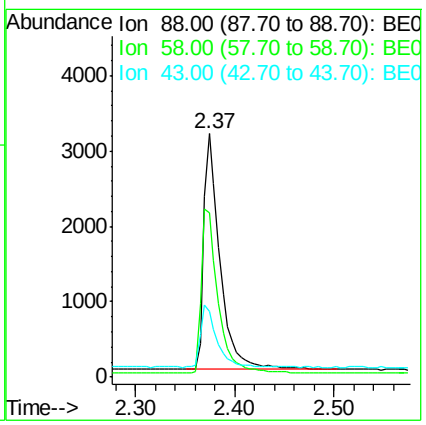
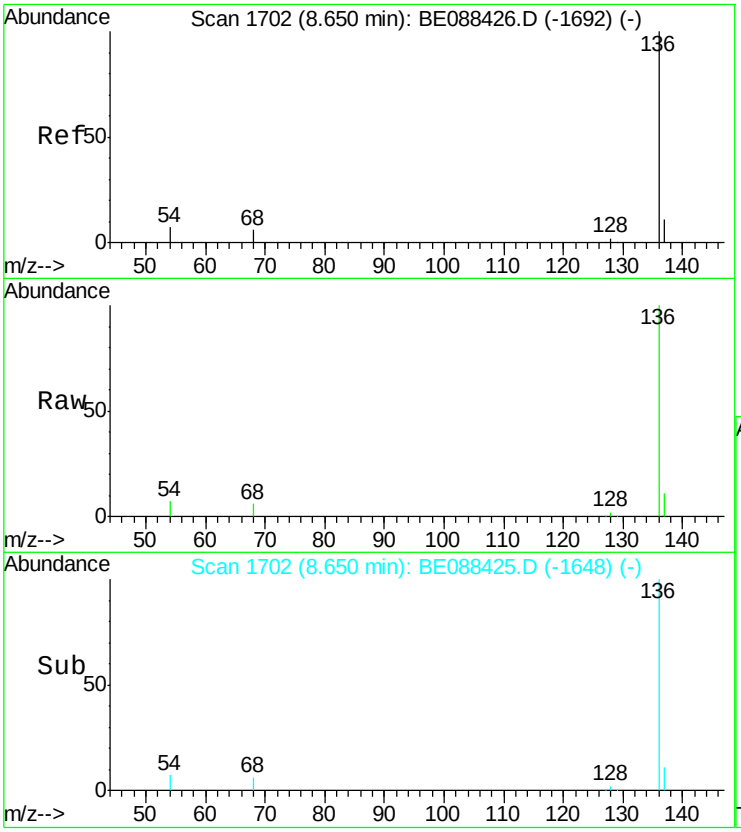


#2
1,4-Dioxane
Concen: 0.67 ng
RT: 2.37 min Scan# 215
Delta R.T. 0.00 min
Lab File: BE088425.D
Acq: 31 Oct 2014 16:28

Tgt Ion: 88 Resp: 3493

Ion	Ratio	Lower	Upper
88	100		
58	74.1	59.1	88.7
43	26.5	21.9	32.9

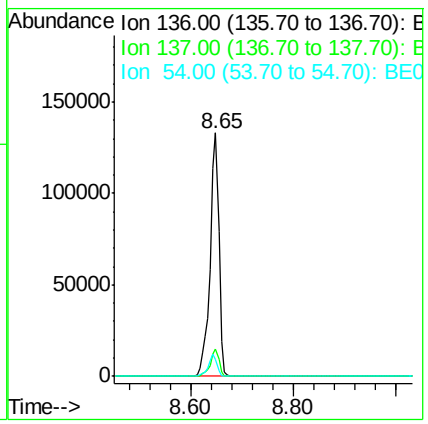




#3
Naphthalene-d8
Concen: 5.00 ng
RT: 8.65 min Scan# 1702
Delta R.T. -0.00 min
Lab File: BE088425.D
Acq: 31 Oct 2014 16:28

Tgt Ion:136 Resp: 152540

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	6.8	5.3	7.9



Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

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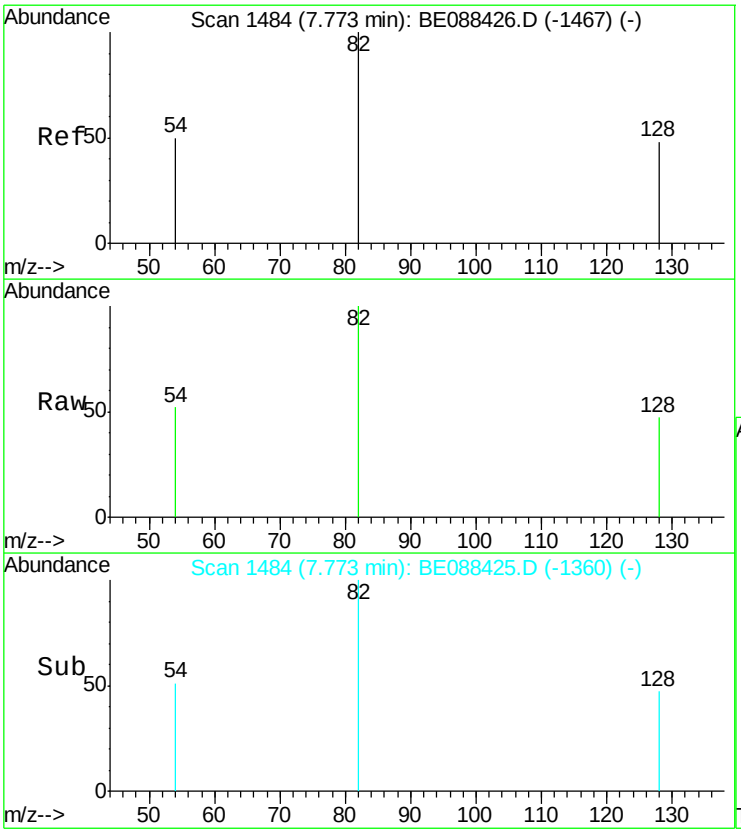
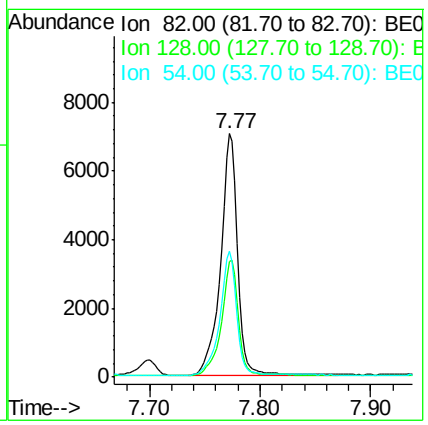
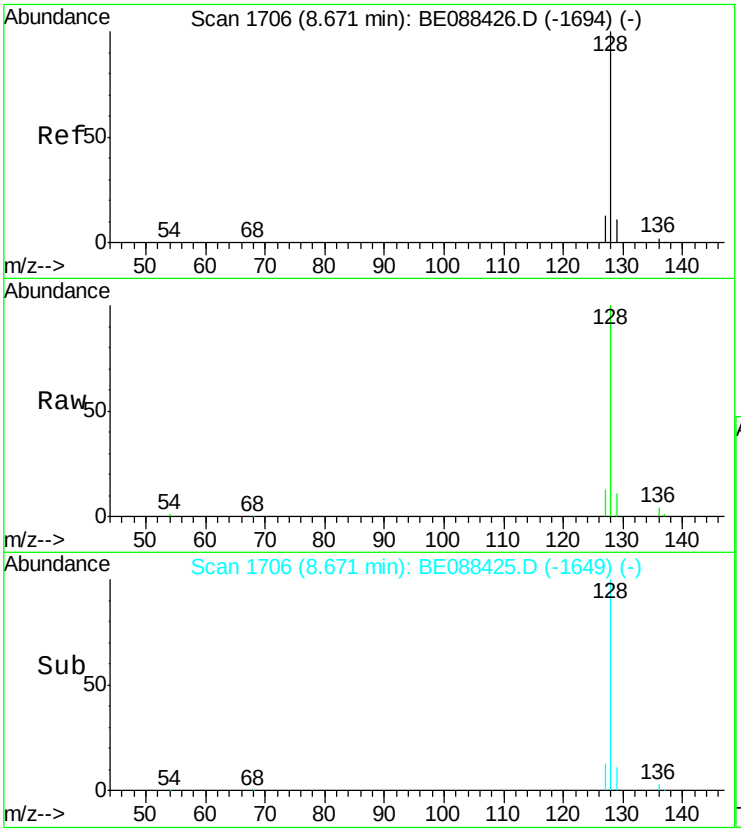


#4
Nitrobenzene-d5
Concen: 0.67 ng
RT: 7.77 min Scan# 1484
Delta R.T. -0.00 min
Lab File: BE088425.D
Acq: 31 Oct 2014 16:28

Tgt Ion: 82 Resp: 7452

Ion	Ratio	Lower	Upper
82	100		
128	47.5	38.4	57.6
54	51.5	40.2	60.2

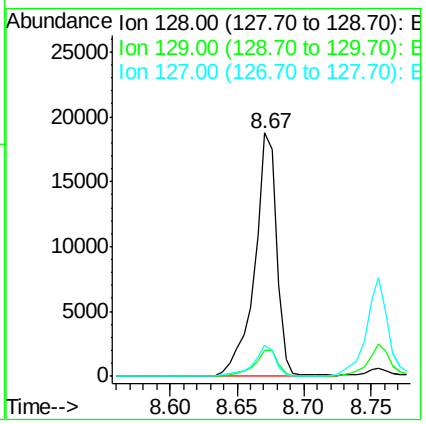




#5
Naphthalene
Concen: 0.67 ng
RT: 8.67 min Scan# 1706
Delta R.T. -0.00 min
Lab File: BE088425.D
Acq: 31 Oct 2014 16:28

Tgt Ion:128 Resp: 21374

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.6	12.8
127	12.7	10.1	15.1



Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

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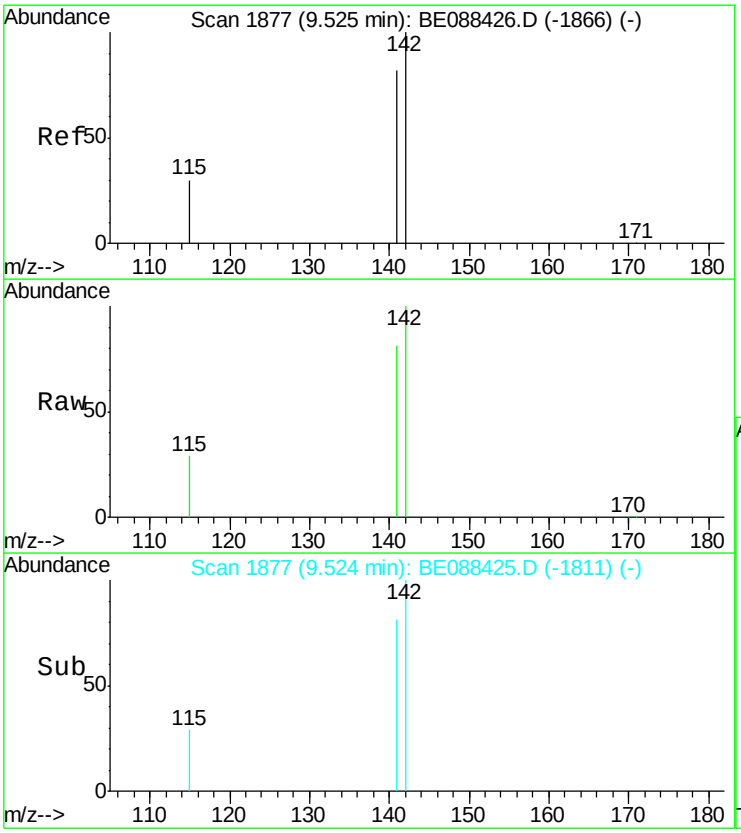
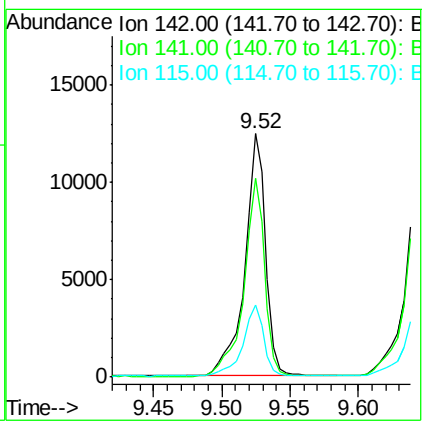
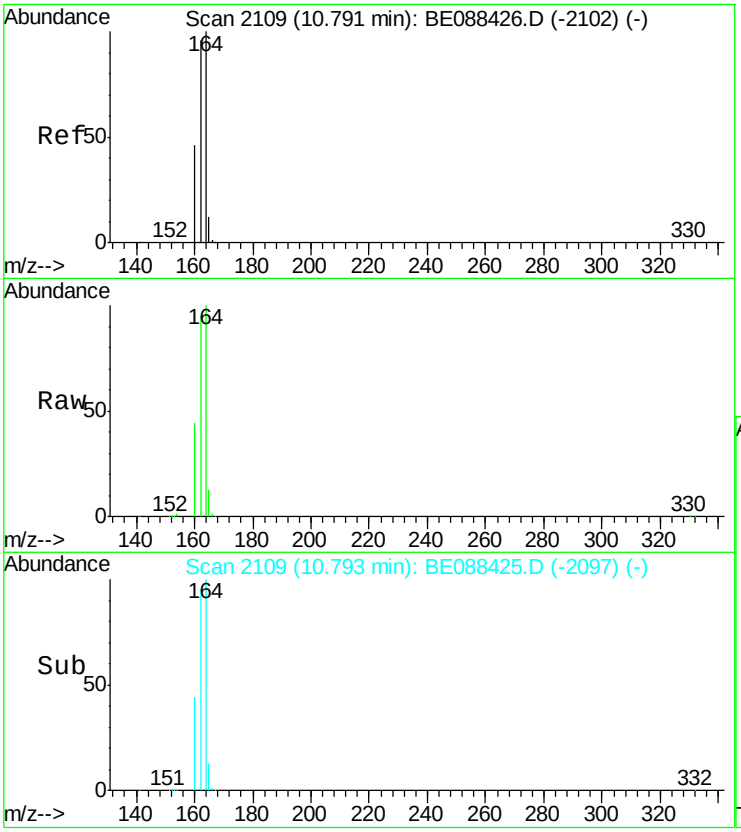


#6
2-Methylnaphthalene
Concen: 0.67 ng
RT: 9.52 min Scan# 1877
Delta R.T. -0.00 min
Lab File: BE088425.D
Acq: 31 Oct 2014 16:28

Tgt Ion:142 Resp: 13287

Ion	Ratio	Lower	Upper
142	100		
141	81.4	65.8	98.8
115	29.4	24.2	36.4

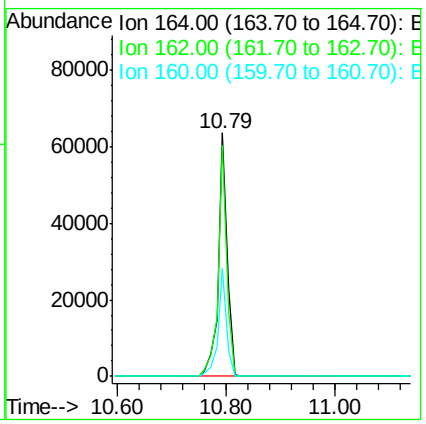




#7
Acenaphthene-d10
Concen: 5.00 ng
RT: 10.79 min Scan# 2109
Delta R.T. 0.00 min
Lab File: BE088425.D
Acq: 31 Oct 2014 16:28

Tgt Ion:164 Resp: 72025

Ion	Ratio	Lower	Upper
164	100		
162	95.0	77.0	115.4
160	44.3	36.8	55.2



Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

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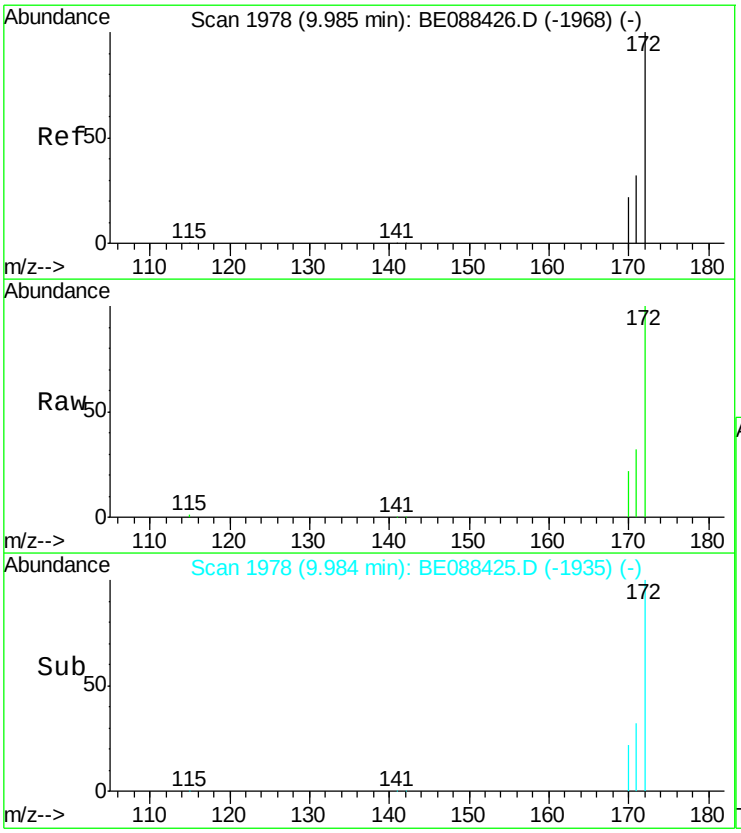
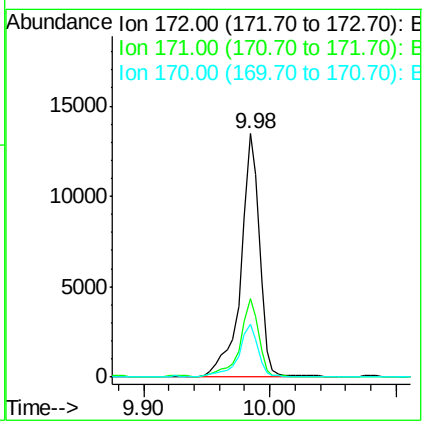
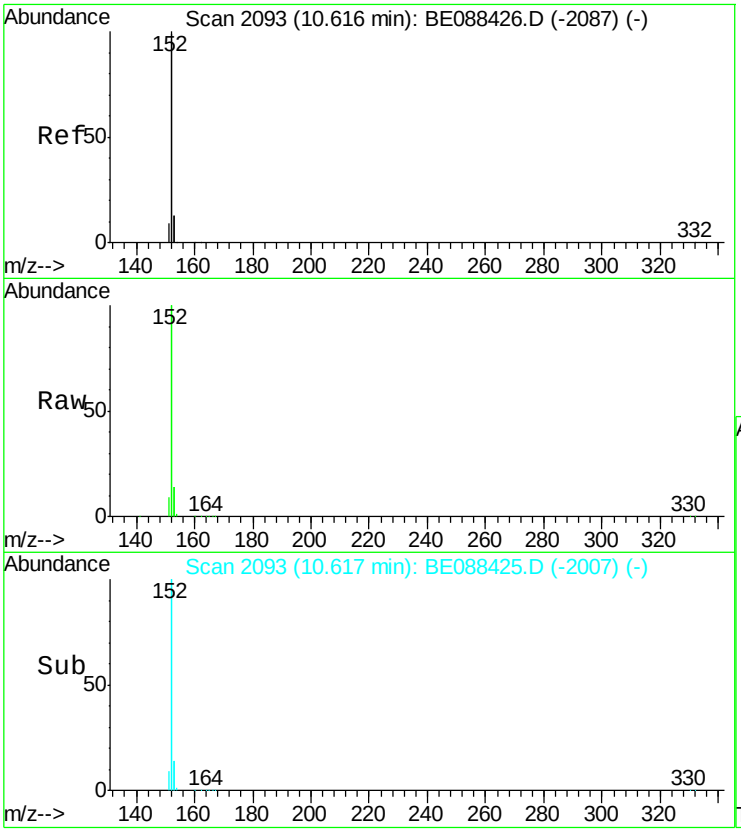


#8
2-Fluorobiphenyl
Concen: 0.67 ng
RT: 9.98 min Scan# 1978
Delta R.T. -0.00 min
Lab File: BE088425.D
Acq: 31 Oct 2014 16:28

Tgt Ion:172 Resp: 13684

Ion	Ratio	Lower	Upper
172	100		
171	32.2	26.0	39.0
170	21.9	17.6	26.4





#9
Acenaphthylene
Concen: 0.66 ng
RT: 10.62 min Scan# 2093
Delta R.T. 0.00 min
Lab File: BE088425.D
Acq: 31 Oct 2014 16:28

Tgt Ion:152 Resp: 78333

Ion	Ratio	Lower	Upper
152	100		
151	4.7	4.4	6.6
153	13.0	10.5	15.7

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Manual Integrations APPROVED
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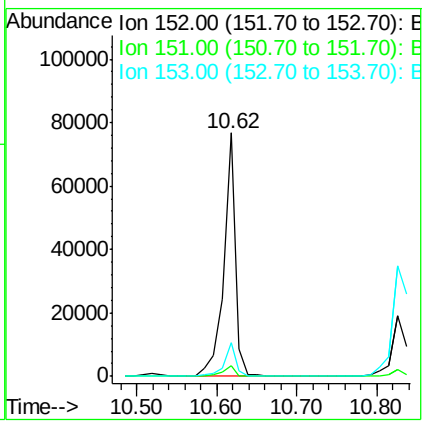
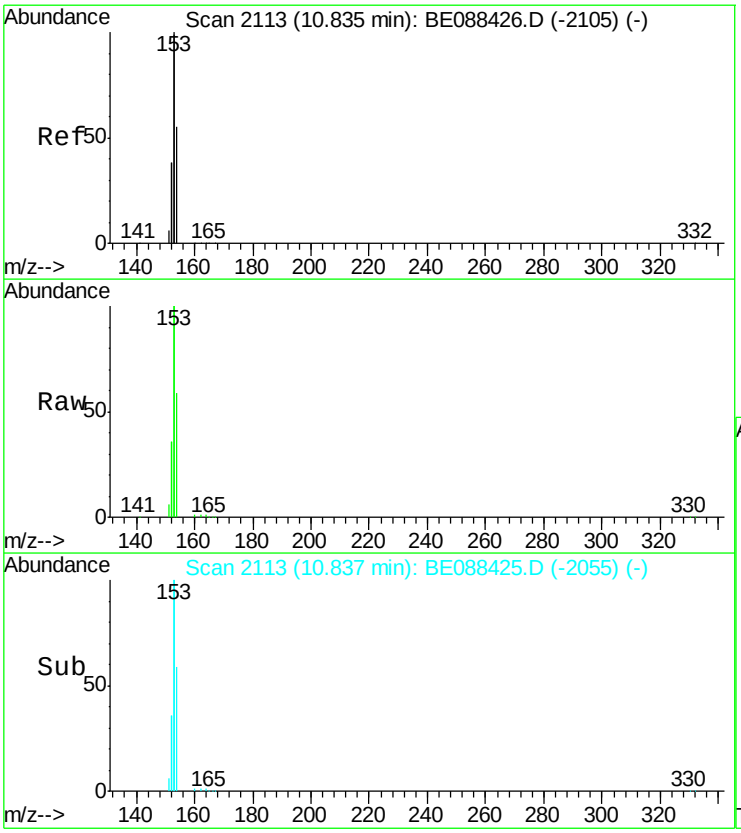
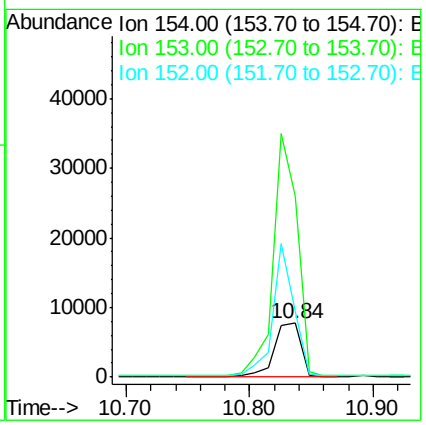


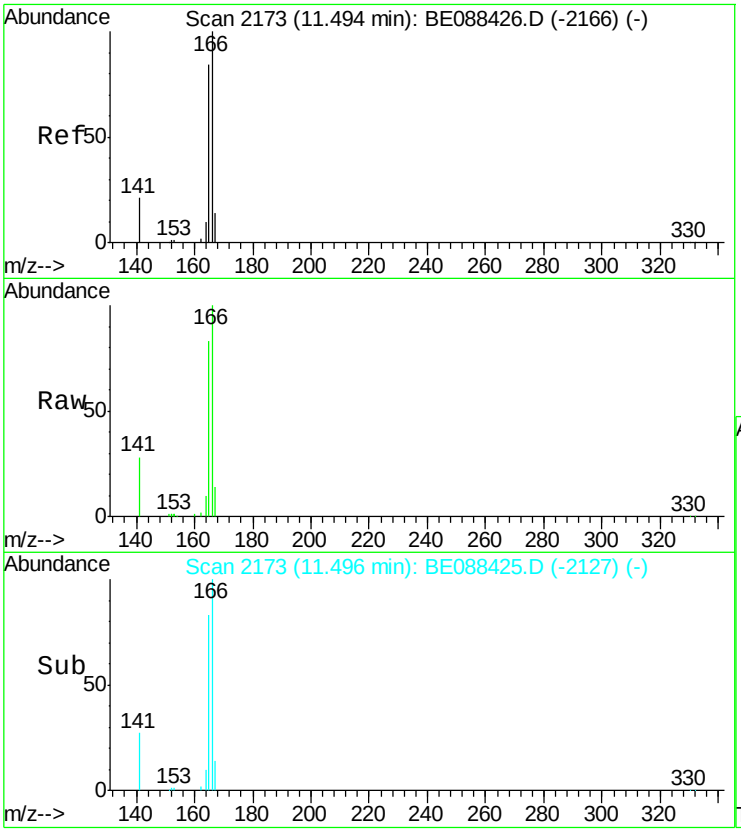


#10
Acenaphthene
Concen: 0.66 ng
RT: 10.84 min Scan# 2113
Delta R.T. 0.00 min
Lab File: BE088425.D
Acq: 31 Oct 2014 16:28

Tgt Ion:154 Resp: 11565

Ion	Ratio	Lower	Upper
154	100		
153	400.9	324.3	486.5
152	191.2	154.9	232.3

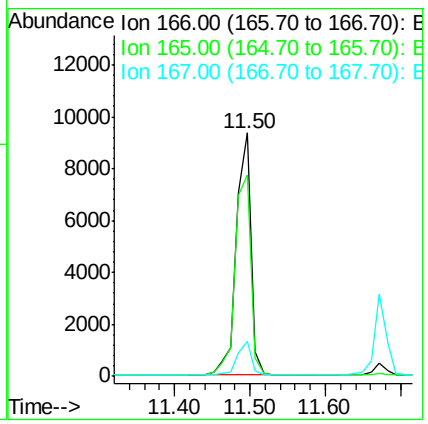




#11
Fluorene
Concen: 0.68 ng
RT: 11.50 min Scan# 2173
Delta R.T. 0.00 min
Lab File: BE088425.D
Acq: 31 Oct 2014 16:28

Tgt Ion:166 Resp: 12610

Ion	Ratio	Lower	Upper
166	100		
165	89.2	71.3	106.9
167	13.4	10.7	16.1



Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

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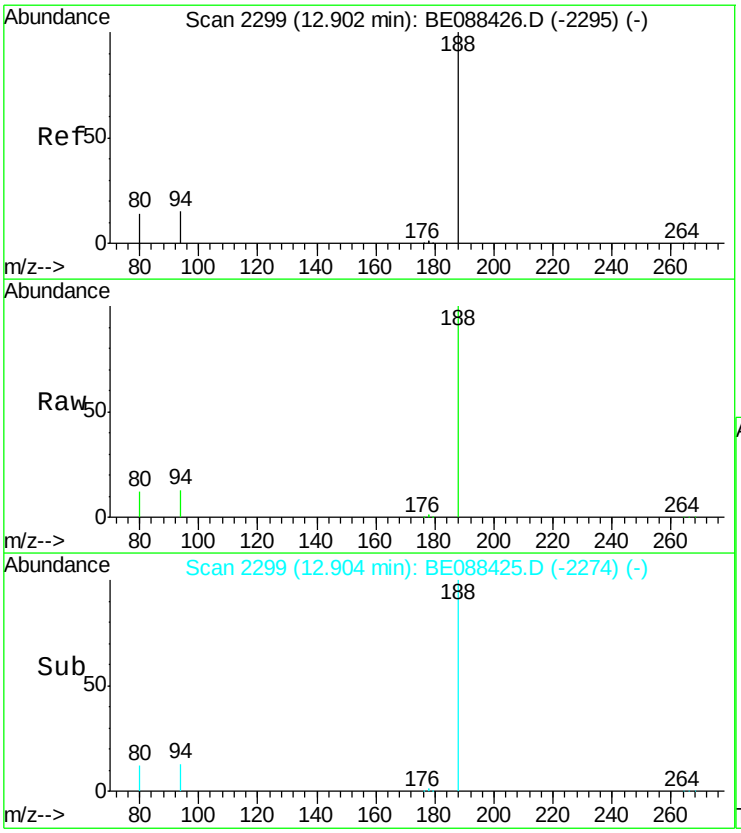
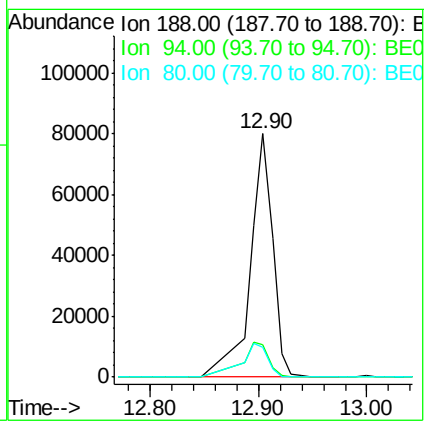
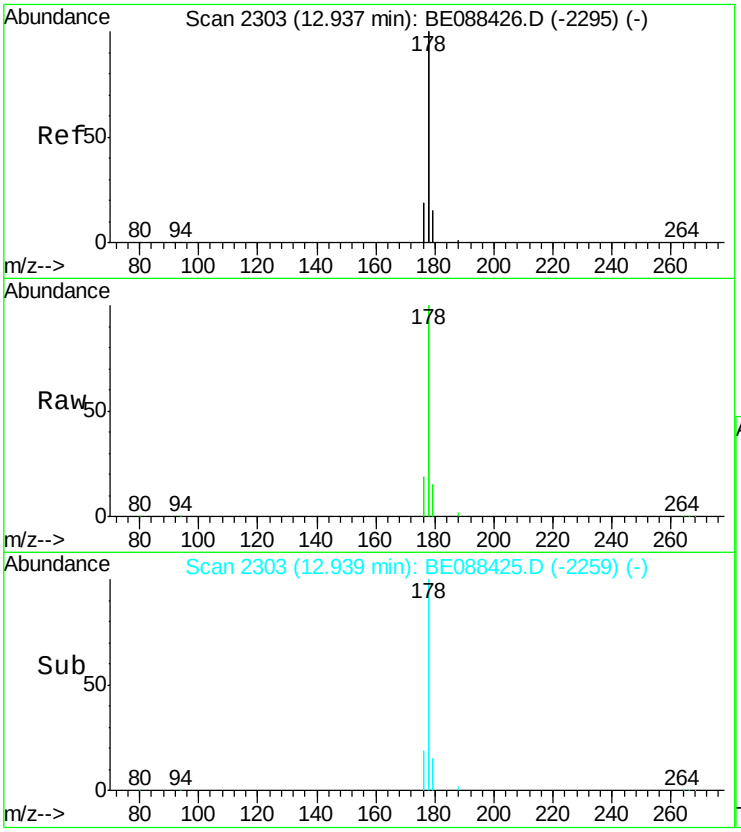


#12
Phenanthrene-d10
Concen: 5.00 ng
RT: 12.90 min Scan# 2299
Delta R.T. 0.00 min
Lab File: BE088425.D
Acq: 31 Oct 2014 16:28

Tgt Ion:188 Resp: 136446

Ion	Ratio	Lower	Upper
188	100		
94	13.5	11.8	17.8
80	12.1	10.9	16.3

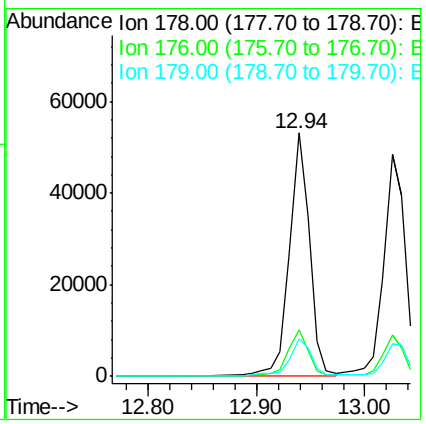




#13
Phenanthrene
Concen: 0.66 ng
RT: 12.94 min Scan# 2303
Delta R.T. 0.00 min
Lab File: BE088425.D
Acq: 31 Oct 2014 16:28

Tgt Ion:178 Resp: 91607

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.4	23.2
179	16.9	12.8	19.2



Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Manual Integrations APPROVED
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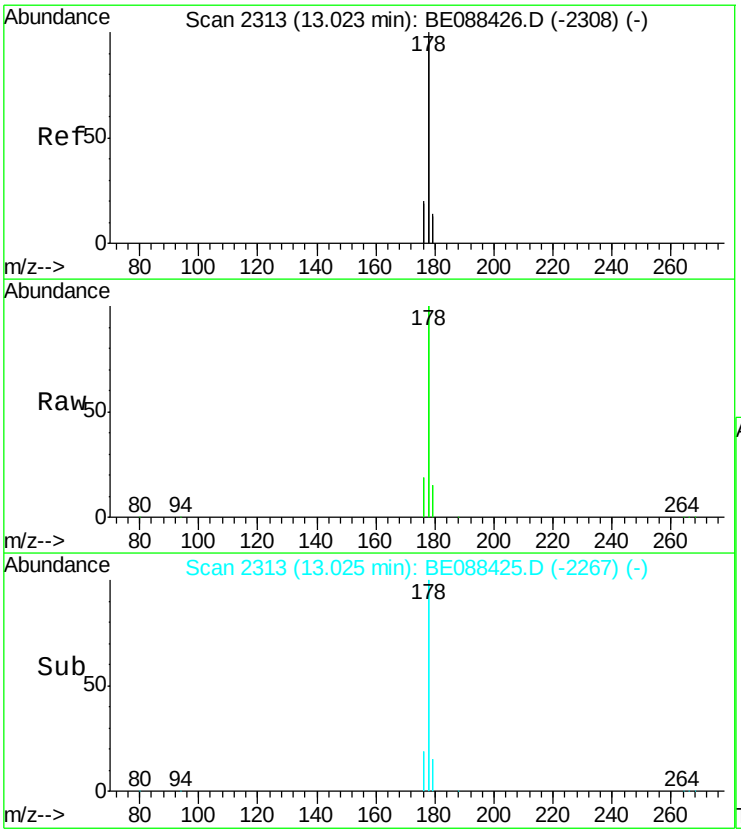
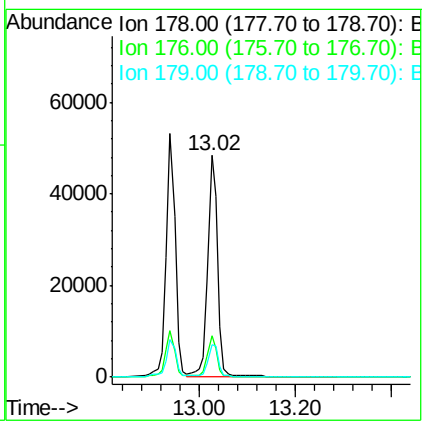
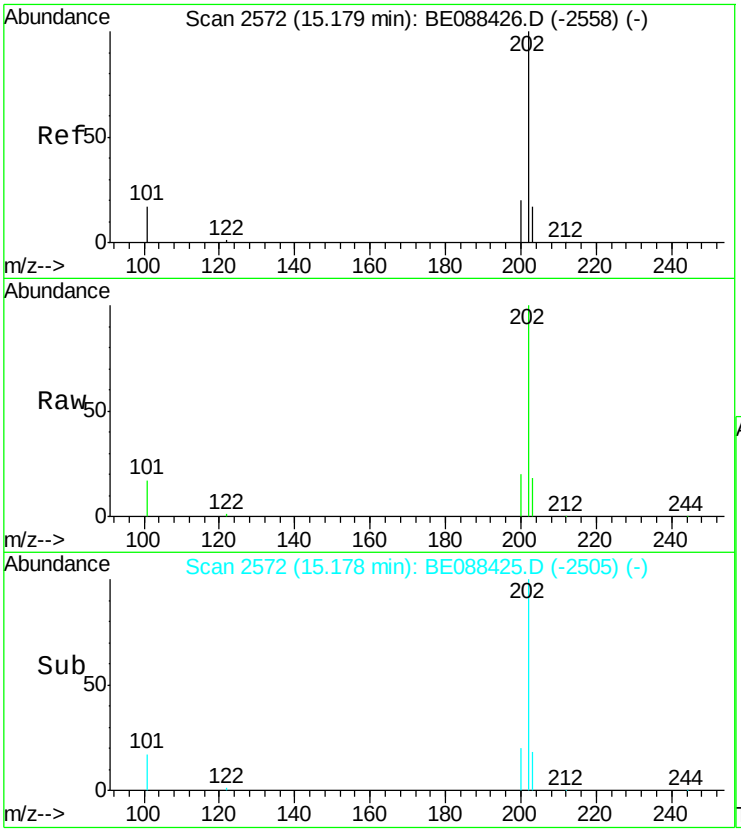


#14
Anthracene
Concen: 0.68 ng
RT: 13.02 min Scan# 2313
Delta R.T. 0.00 min
Lab File: BE088425.D
Acq: 31 Oct 2014 16:28

Tgt Ion:178 Resp: 68387

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.0	22.4
179	15.6	12.5	18.7

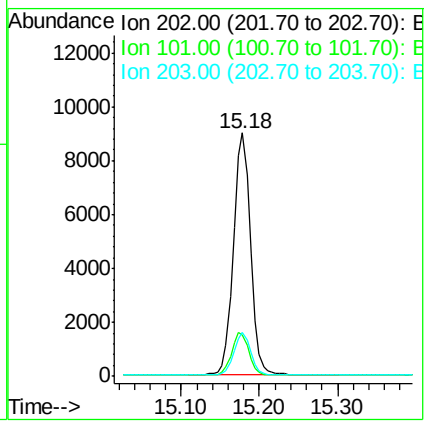




#15
Fluoranthene
Concen: 0.68 ng
RT: 15.18 min Scan# 2572
Delta R.T. -0.00 min
Lab File: BE088425.D
Acq: 31 Oct 2014 16:28

Tgt Ion:202 Resp: 13654

Ion	Ratio	Lower	Upper
202	100		
101	17.7	14.3	21.5
203	17.2	13.6	20.4



Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Manual Integrations APPROVED
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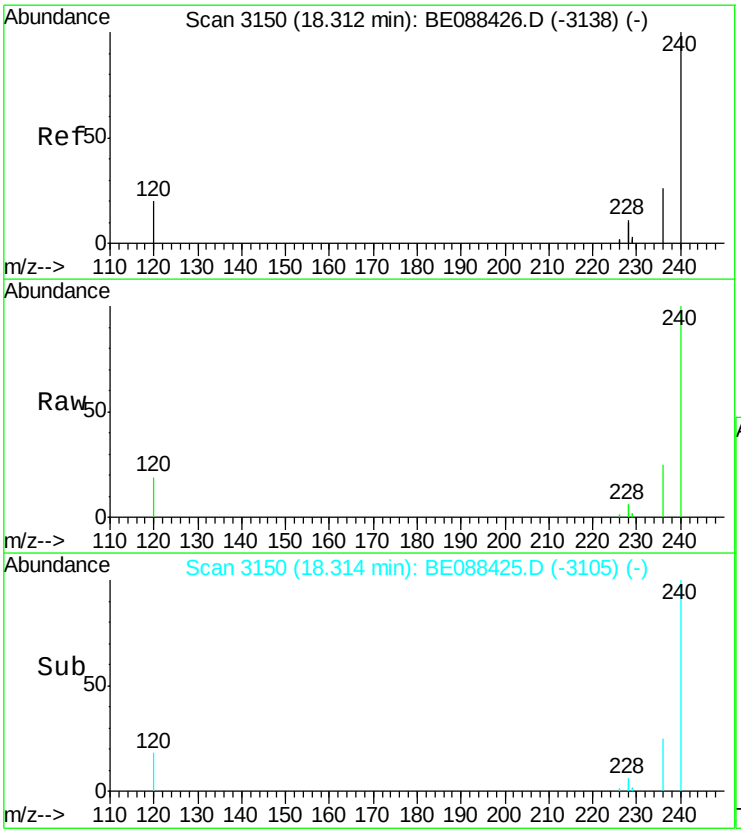
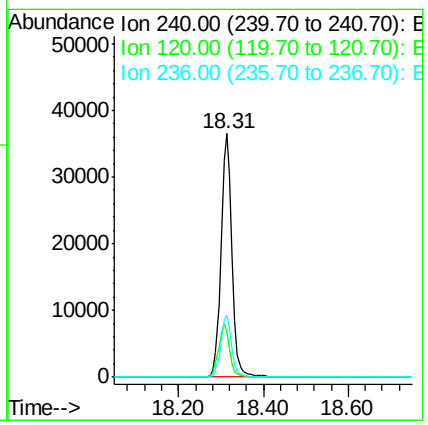
11/4/2014 9:05:41 AM

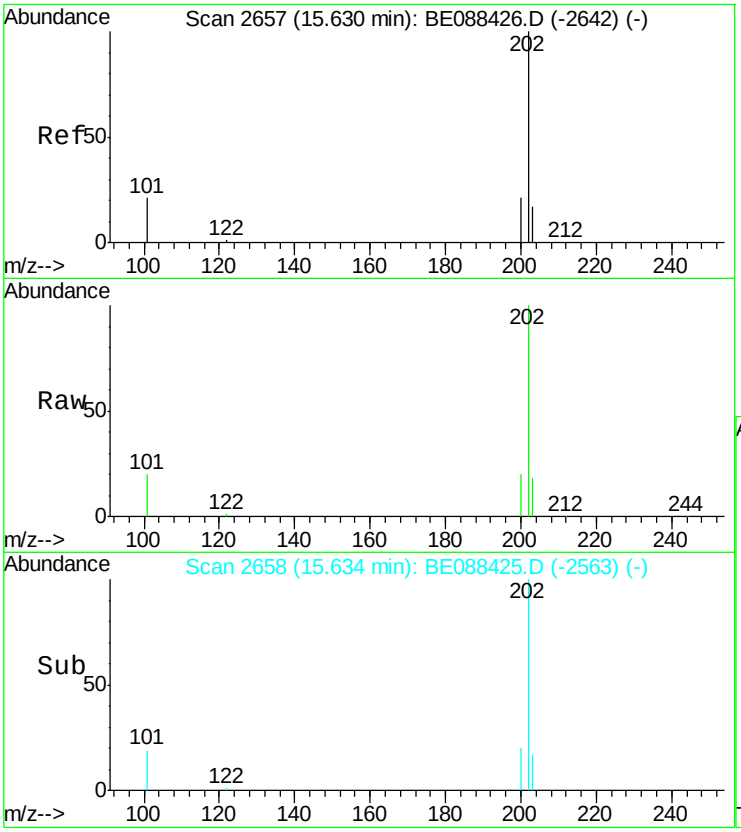


#16
Chrysene-d12
Concen: 5.00 ng
RT: 18.31 min Scan# 3150
Delta R.T. 0.00 min
Lab File: BE088425.D
Acq: 31 Oct 2014 16:28

Tgt Ion:240 Resp: 66224

Ion	Ratio	Lower	Upper
240	100		
120	18.6	16.4	24.6
236	25.2	20.5	30.7

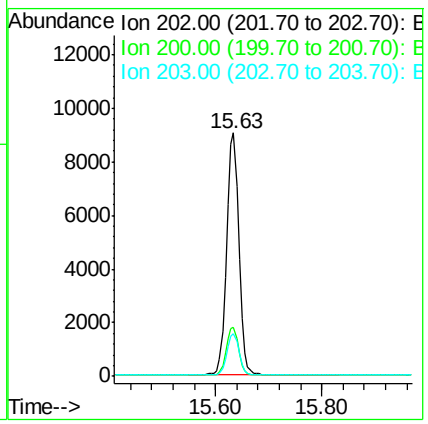




#17
Pyrene
Concen: 0.67 ng
RT: 15.63 min Scan# 2658
Delta R.T. 0.00 min
Lab File: BE088425.D
Acq: 31 Oct 2014 16:28

Tgt Ion:202 Resp: 14502

Ion	Ratio	Lower	Upper
202	100		
200	19.9	16.1	24.1
203	17.2	13.8	20.8



Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

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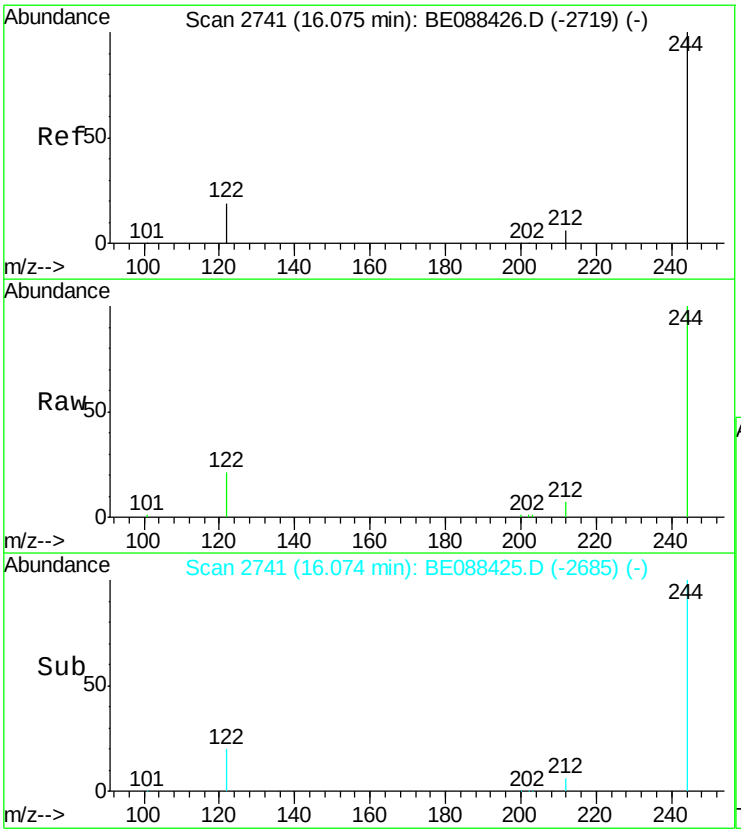
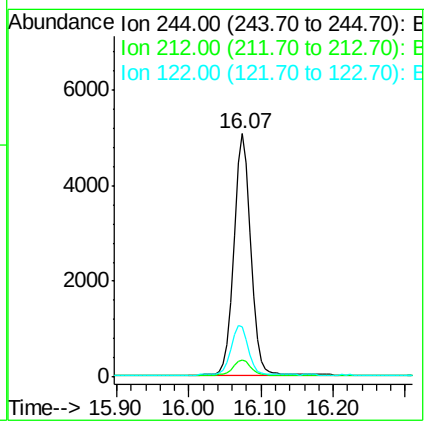
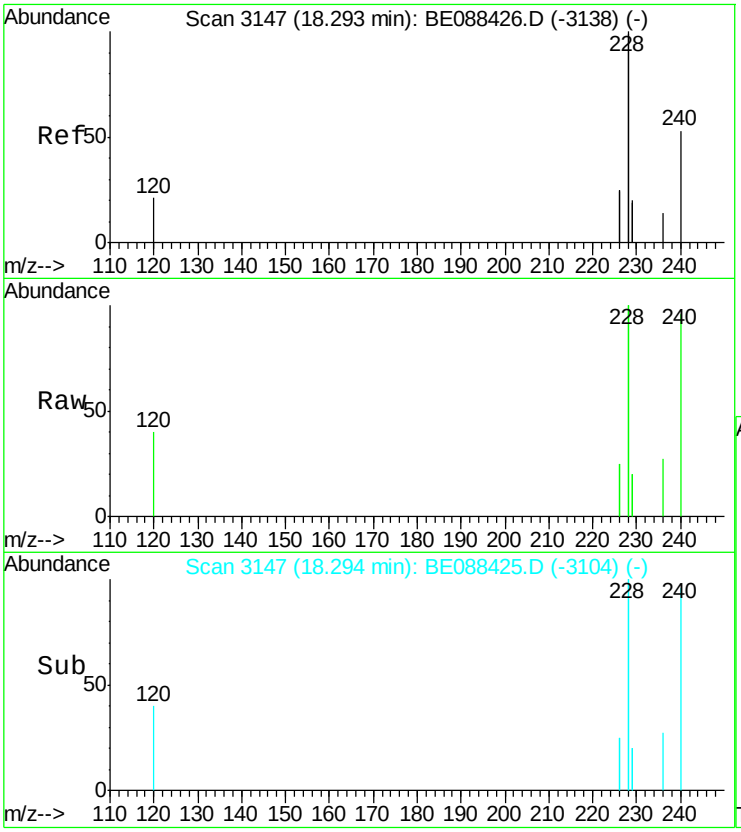


#18
Terphenyl-d14
Concen: 0.67 ng
RT: 16.07 min Scan# 2741
Delta R.T. -0.00 min
Lab File: BE088425.D
Acq: 31 Oct 2014 16:28

Tgt Ion:244 Resp: 8112

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.5	8.3
122	20.5	15.6	23.4

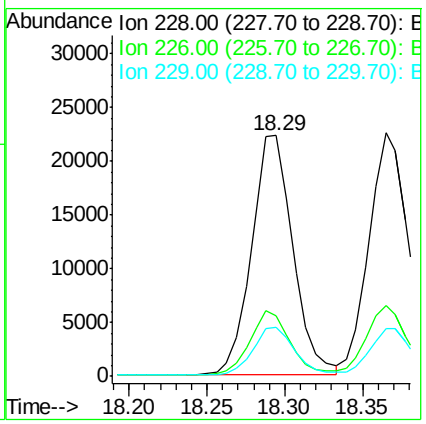




#19
Benzo(a)anthracene
Concen: 0.65 ng
RT: 18.29 min Scan# 3147
Delta R.T. 0.00 min
Lab File: BE088425.D
Acq: 31 Oct 2014 16:28

Tgt Ion:228 Resp: 40803

Ion	Ratio	Lower	Upper
228	100		
226	25.0	19.8	29.6
229	20.5	16.0	24.0



Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

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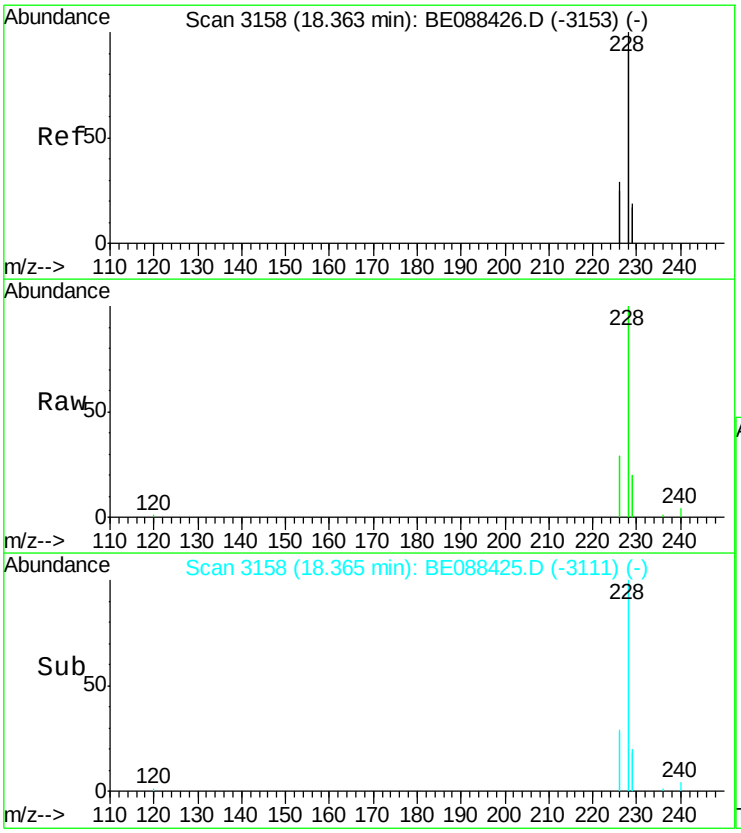
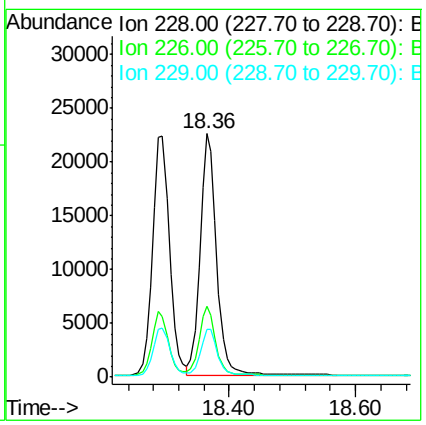
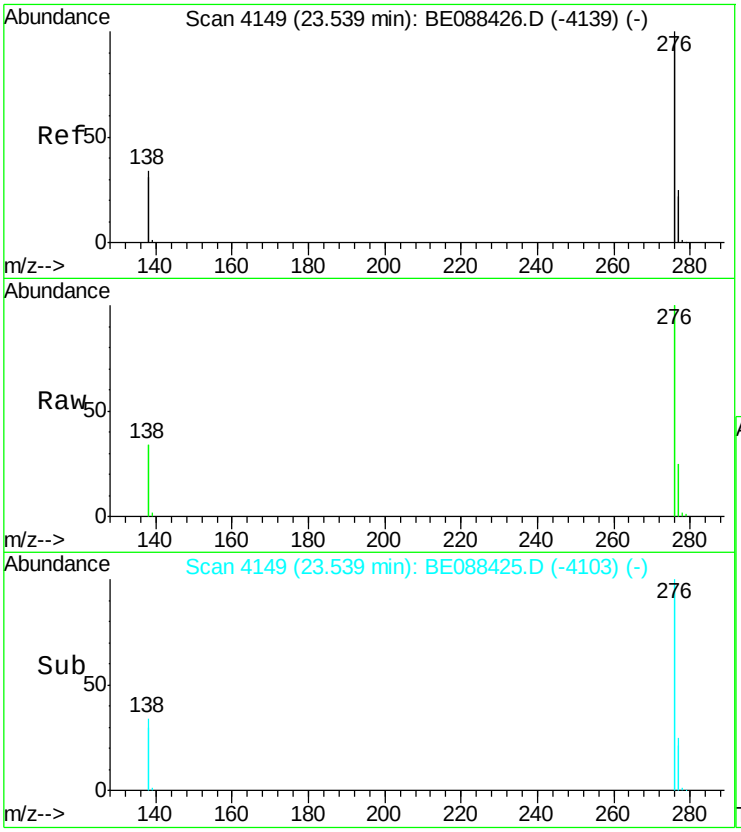


#20
Chrysene
Concen: 0.66 ng
RT: 18.36 min Scan# 3158
Delta R.T. 0.00 min
Lab File: BE088425.D
Acq: 31 Oct 2014 16:28

Tgt Ion:228 Resp: 40800

Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.6	35.4
229	19.7	15.4	23.2

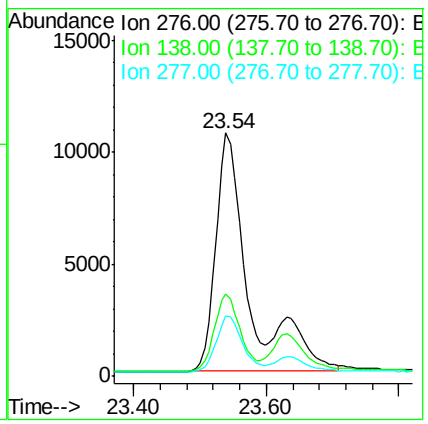




#21
Indeno(1,2,3-cd)pyrene
Concen: 0.64 ng m
RT: 23.54 min Scan# 4149
Delta R.T. 0.00 min
Lab File: BE088425.D
Acq: 31 Oct 2014 16:28

Tgt Ion:276 Resp: 37243

Ion	Ratio	Lower	Upper
276	100		
138	25.4	20.2	30.2
277	18.7	14.8	22.2



Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

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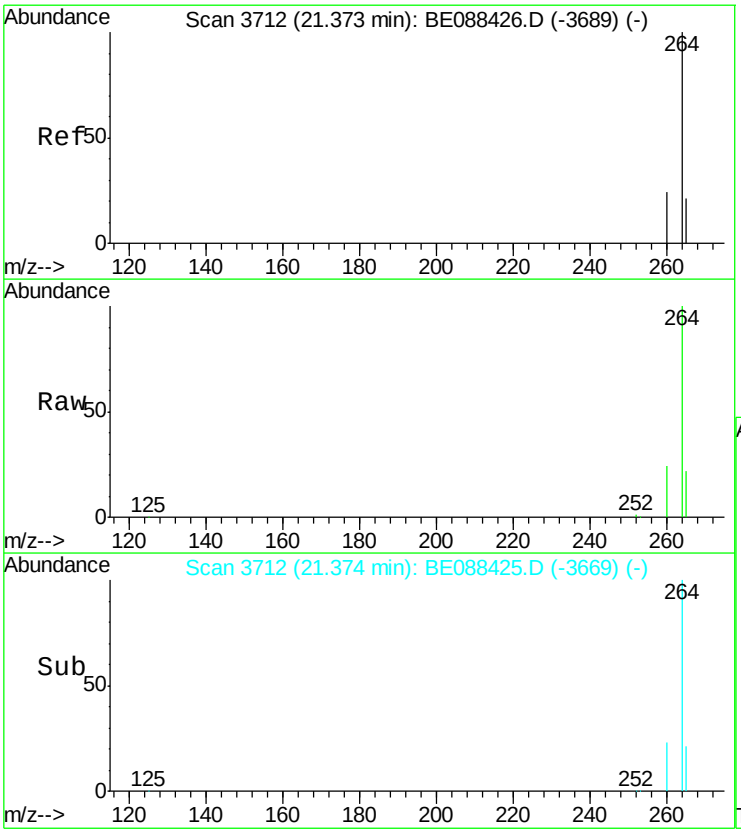
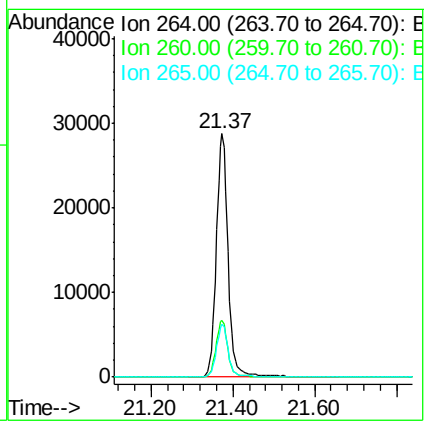
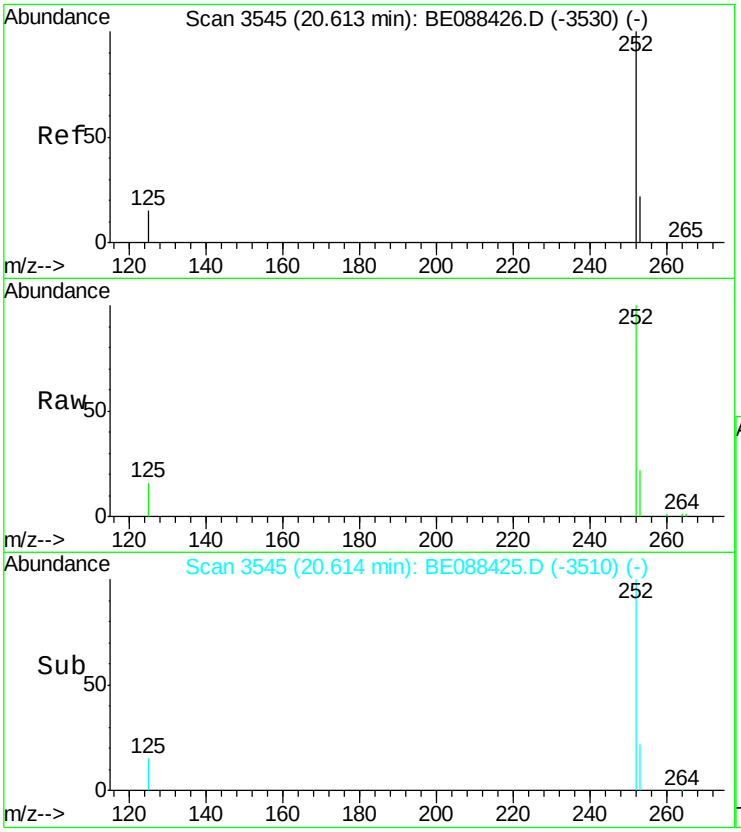


#22
Perylene-d12
Concen: 5.00 ng
RT: 21.37 min Scan# 3712
Delta R.T. 0.00 min
Lab File: BE088425.D
Acq: 31 Oct 2014 16:28

Tgt Ion:264 Resp: 57595

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.9	28.3
265	21.6	17.2	25.8

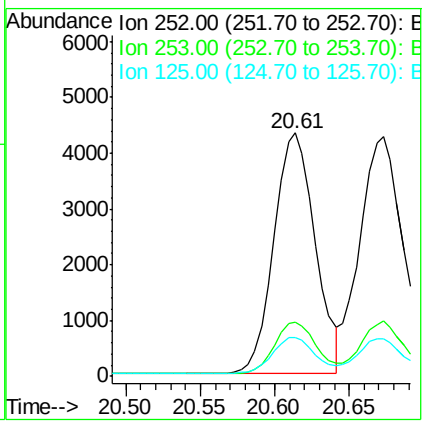




#23
Benzo(b)fluoranthene
Concen: 0.66 ng
RT: 20.61 min Scan# 3545
Delta R.T. 0.00 min
Lab File: BE088425.D
Acq: 31 Oct 2014 16:28

Tgt Ion:252 Resp: 8322

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.8
125	15.7	12.3	18.5



Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

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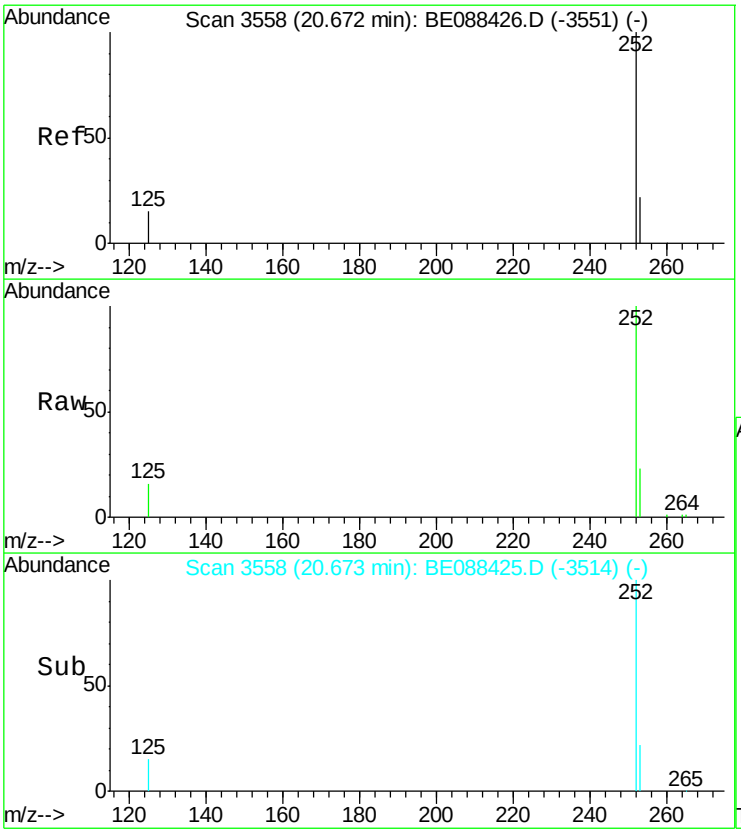
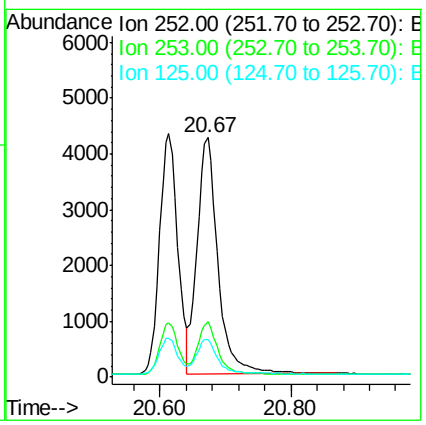
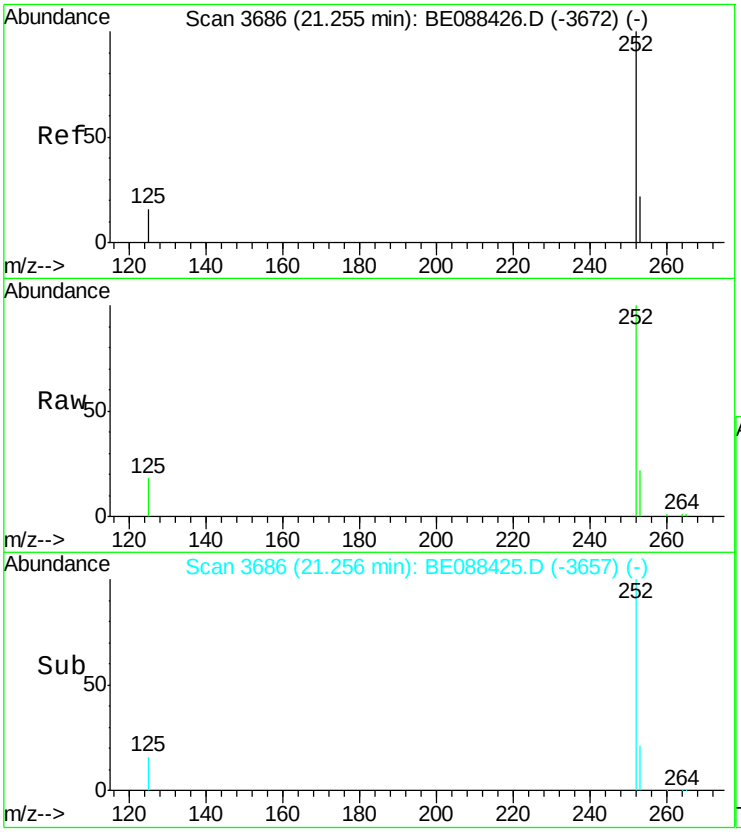


#24
Benzo(k)fluoranthene
Concen: 0.67 ng
RT: 20.67 min Scan# 3558
Delta R.T. 0.00 min
Lab File: BE088425.D
Acq: 31 Oct 2014 16:28

Tgt Ion:252 Resp: 9382

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.8
125	15.9	12.2	18.4

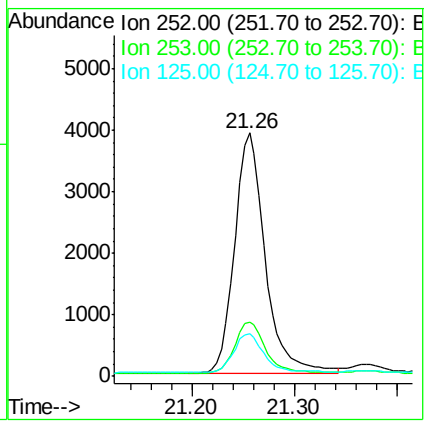




#25
Benzo(a)pyrene
Concen: 0.67 ng
RT: 21.26 min Scan# 3686
Delta R.T. 0.00 min
Lab File: BE088425.D
Acq: 31 Oct 2014 16:28

Tgt Ion:252 Resp: 8057

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.4
125	17.6	13.7	20.5



Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

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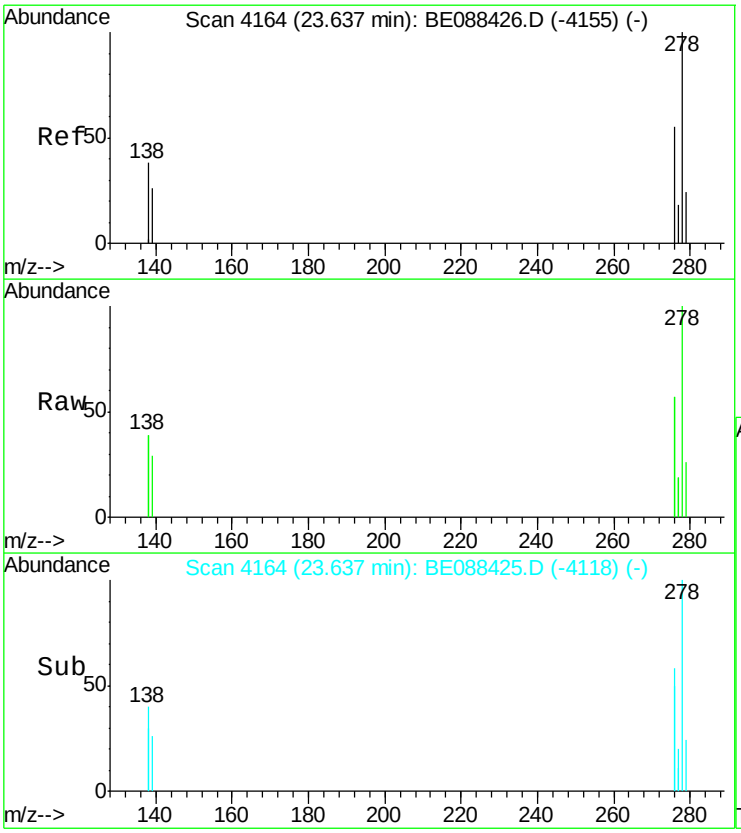
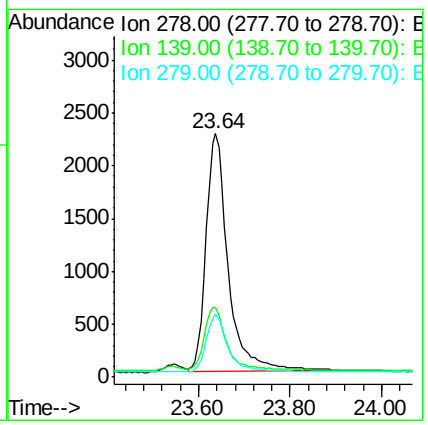
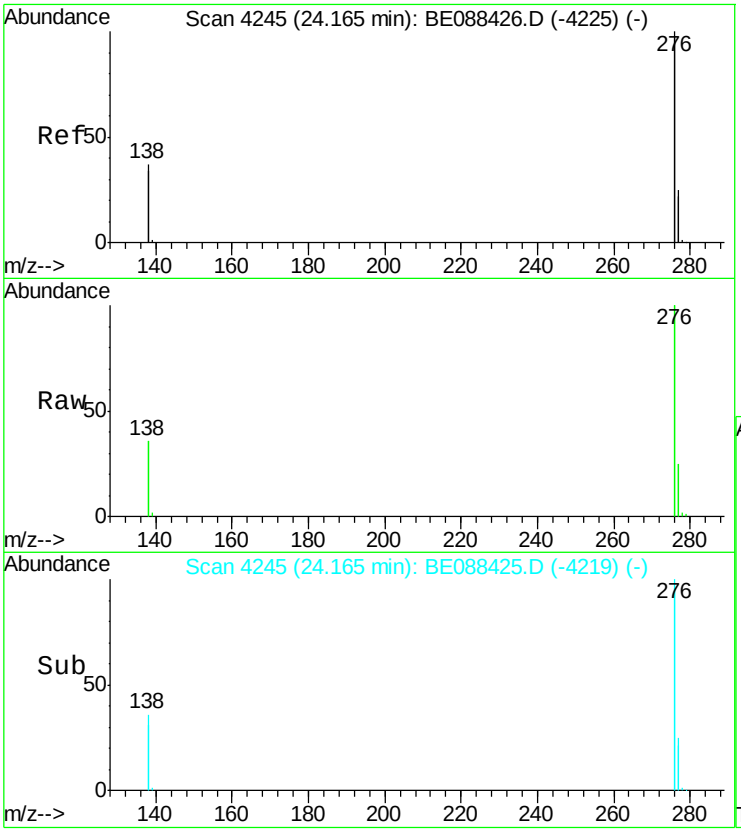


#26
Dibenzo(a,h)anthracene
Concen: 0.67 ng
RT: 23.64 min Scan# 4164
Delta R.T. 0.00 min
Lab File: BE088425.D
Acq: 31 Oct 2014 16:28

Tgt Ion:278 Resp: 7534

Ion	Ratio	Lower	Upper
278	100		
139	28.6	22.1	33.1
279	25.7	19.7	29.5

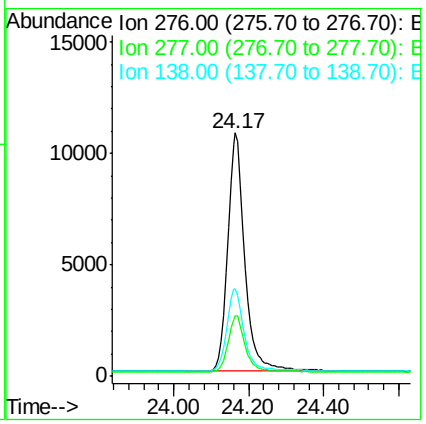




#27
Benzo(g,h,i)perylene
Concen: 0.67 ng
RT: 24.17 min Scan# 4245
Delta R.T. 0.00 min
Lab File: BE088425.D
Acq: 31 Oct 2014 16:28

Tgt Ion:276 Resp: 34508

Ion	Ratio	Lower	Upper
276	100		
277	24.9	19.8	29.6
138	36.1	29.3	43.9



Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

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